

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121646.D
 Acq On : 22 Sep 2020 18:18
 Operator : JU/CG
 Sample : PB131763BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Quant Time: Sep 22 18:42:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154583	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	607787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327306	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	628365	20.00	ng	0.00
76) Chrysene-d12	13.98	240	496641	20.00	ng	0.00
86) Perylene-d12	15.43	264	406896	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	890095	85.57	ng	0.01
7) Phenol-d6	6.45	99	1164721	85.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	792602	70.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	401230	98.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1446301	66.92	ng	0.00
79) Terphenyl-d14	12.92	244	1614242	65.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	232798	48.716	ng	99
3) Pyridine	3.36	79	324241	24.544	ng	97
4) n-Nitrosodimethylamine	3.32	42	208832	34.079	ng	98
6) Aniline	6.47	93	529615	29.799	ng	99
8) 2-Chlorophenol	6.60	128	404182	38.165	ng	98
9) Benzaldehyde	6.36	77	280970	31.495	ng	97
10) Phenol	6.46	94	505837	34.809	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	389920	35.601	ng	99
12) 1,3-Dichlorobenzene	6.75	146	412280	34.878	ng	98
13) 1,4-Dichlorobenzene	6.83	146	421819	35.539	ng	98
14) 1,2-Dichlorobenzene	6.98	146	408201	37.333	ng	98
15) Benzyl Alcohol	6.96	79	355327	38.309	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	602449	34.182	ng	99
17) 2-Methylphenol	7.07	107	339650	37.693	ng	99
18) Hexachloroethane	7.32	117	151974	35.760	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	282053	35.862	ng	99
20) 3+4-Methylphenols	7.22	107	399621	36.911	ng	98
22) Acetophenone	7.22	105	535026	34.695	ng	99
24) Nitrobenzene	7.39	77	437943	35.770	ng	99
25) Isophorone	7.63	82	801608	35.178	ng	100
26) 2-Nitrophenol	7.71	139	210966	37.210	ng	96
27) 2,4-Dimethylphenol	7.75	122	354132	34.815	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	491008	34.806	ng	99
29) 2,4-Dichlorophenol	7.96	162	343128	37.037	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	350450	35.917	ng	99
31) Naphthalene	8.12	128	1137659	35.459	ng	100
32) Benzoic acid	7.89	122	235192	33.448	ng	94
33) 4-Chloroaniline	8.17	127	433606	31.177	ng	96
34) Hexachlorobutadiene	8.23	225	206617	36.077	ng	99
35) Caprolactam	8.55	113	62503	20.259	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	380009	38.077	ng	99
37) 2-Methylnaphthalene	8.81	142	763970	36.335	ng	99
38) 1-Methylnaphthalene	8.91	142	719137	36.750	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358101	35.026	ng	99

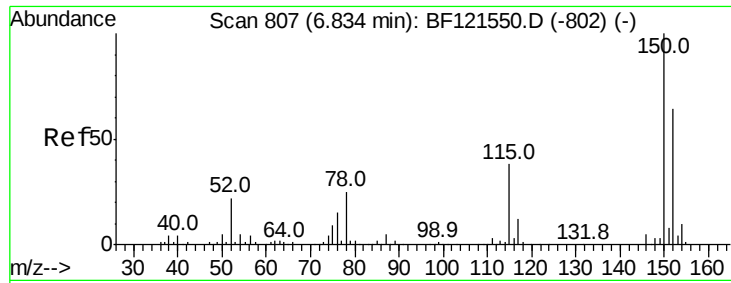
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121646.D
 Acq On : 22 Sep 2020 18:18
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	370687	63.489	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	256925	36.868	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	271787	36.892	nq	97
46) 1,1'-Biphenyl	9.27	154	940670	35.899	nq	100
47) 2-Chloronaphthalene	9.30	162	716860	34.717	nq	99
48) 2-Nitroaniline	9.40	65	257173	40.079	nq	99
49) Acenaphthylene	9.72	152	1153719	36.365	nq	100
50) Dimethylphthalate	9.58	163	880059	37.098	nq	100
51) 2,6-Dinitrotoluene	9.64	165	201113	39.808	nq	100
52) Acenaphthene	9.89	154	676218	33.746	nq	99
53) 3-Nitroaniline	9.81	138	177625	30.350	nq	98
54) 2,4-Dinitrophenol	9.92	184	225497	77.682	nq	97
55) Dibenzofuran	10.06	168	1009221	35.763	nq	100
56) 4-Nitrophenol	9.99	139	333501	71.453	nq	95
57) 2,4-Dinitrotoluene	10.05	165	266841	41.983	nq	97
58) Fluorene	10.40	166	782911	36.279	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	232980	38.899	nq	100
60) Diethylphthalate	10.28	149	865291	37.411	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	389999	37.726	nq	98
62) 4-Nitroaniline	10.43	138	224108	38.566	nq	98
63) Azobenzene	10.55	77	882795	35.841	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	151599	40.556	nq	96
66) n-Nitrosodiphenylamine	10.52	169	757812	35.153	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	265609	37.126	nq	95
68) Hexachlorobenzene	10.95	284	296072	36.671	nq	97
69) Atrazine	11.04	200	222342	41.514	nq	98
70) Pentachlorophenol	11.15	266	319783	72.121	nq	99
71) Phenanthrene	11.36	178	1219428	35.618	nq	100
72) Anthracene	11.42	178	1258118	35.610	nq	100
73) Carbazole	11.57	167	1151674	36.123	nq	99
74) Di-n-butylphthalate	11.90	149	1318913	35.843	nq	100
75) Fluoranthene	12.55	202	1325473	36.268	nq	99
77) Benzidine	12.67	184	710796	43.171	nq	100
78) Pyrene	12.78	202	1362743	37.556	nq	99
80) Butylbenzylphthalate	13.40	149	557257	37.973	nq	99
81) Benzo(a)anthracene	13.97	228	1173851	37.360	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	365993	29.837	nq	99
83) Chrysene	14.01	228	1149470	36.128	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704334	35.926	nq	100
85) Di-n-octyl phthalate	14.57	149	1204584	34.816	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	975718	36.822	nq	100
88) Benzo(b)fluoranthene	15.01	252	1062897	39.075	nq	99
89) Benzo(k)fluoranthene	15.04	252	1032961	41.469	nq	100
90) Benzo(a)pyrene	15.37	252	928439	40.154	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	810408	36.740	nq	99
92) Benzo(g,h,i)perylene	17.31	276	801281	36.955	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

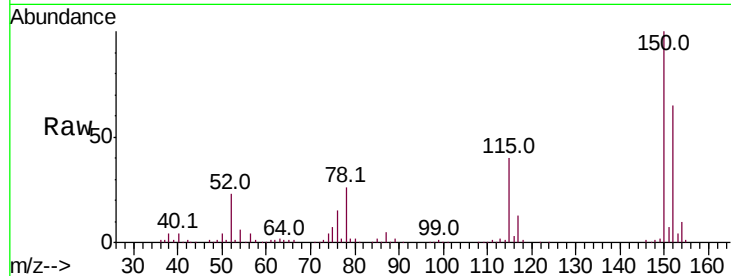


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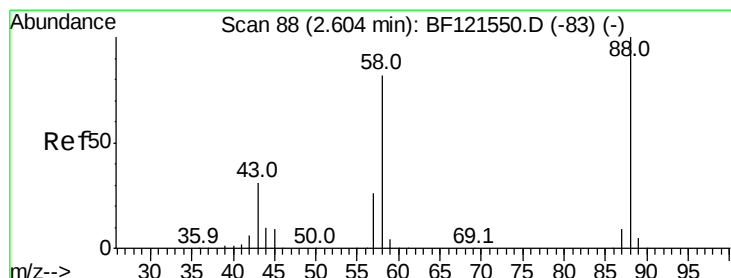
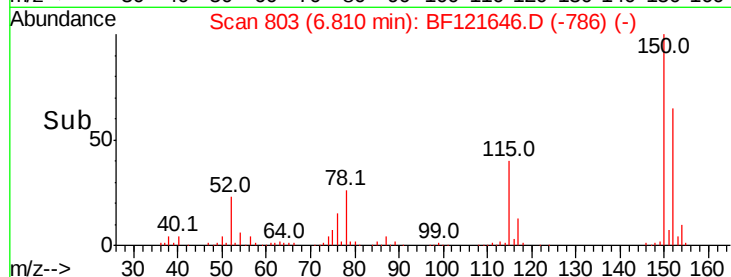
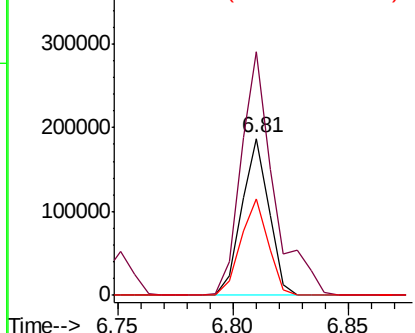
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:152 Resp: 154583
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 61.5 52.6 79.0



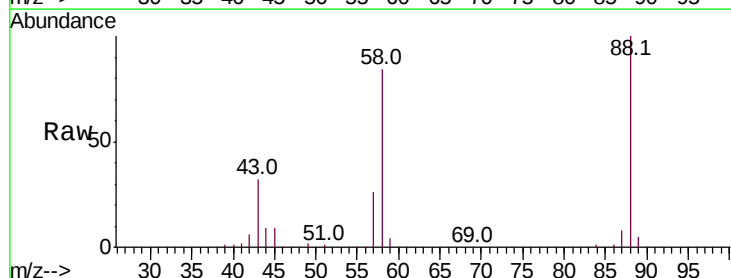
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



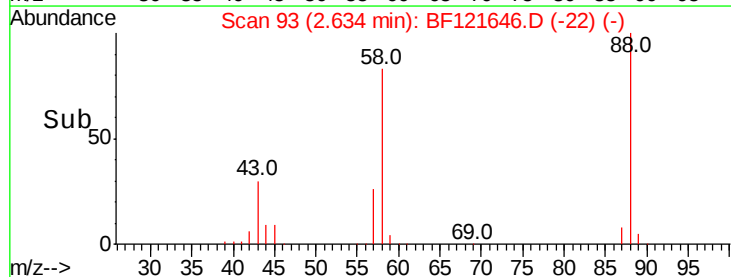
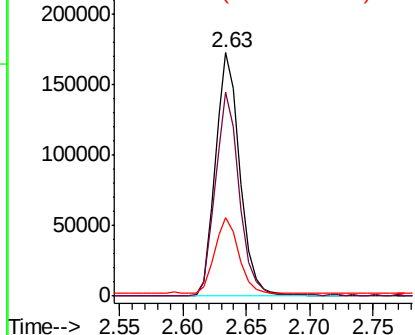
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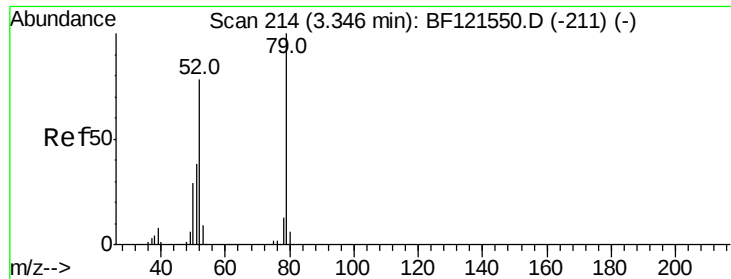
1,4-Dioxane
Concen: 48.716 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion: 88 Resp: 232798
Ion Ratio Lower Upper
88 100
58 81.4 65.4 98.0
43 30.1 24.9 37.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.544 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.11 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

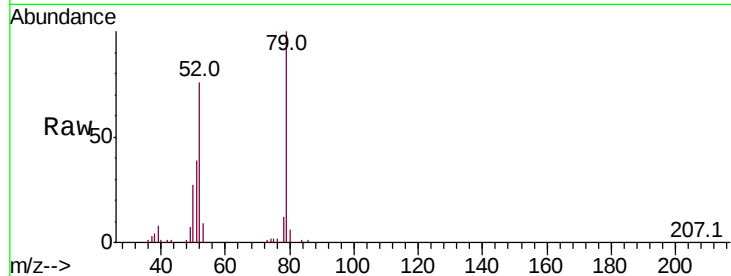
Tot Ion: 79 Resp: 324241

Ion Ratio Lower Upper

79 100

52 75.7 63.4 95.0

51 39.0 30.7 46.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

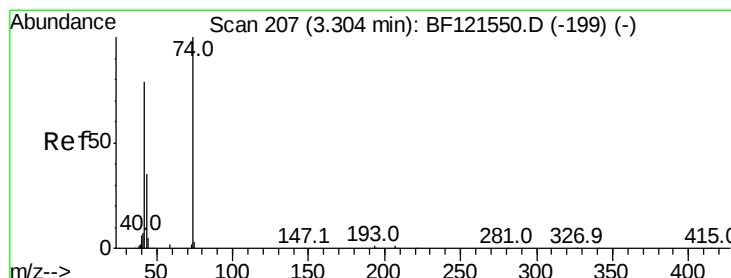
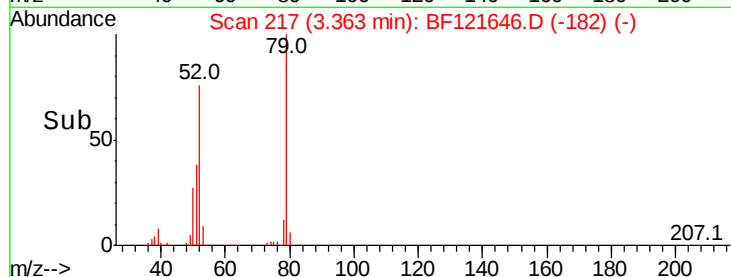
50000

0

3.36

3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 34.079 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.10 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

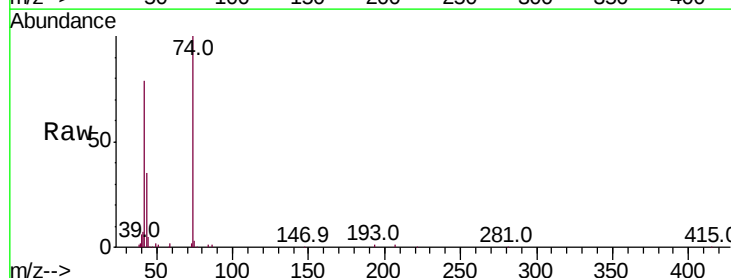
Tgt Ion: 42 Resp: 208832

Ion Ratio Lower Upper

42 100

74 126.1 102.6 154.0

44 6.6 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

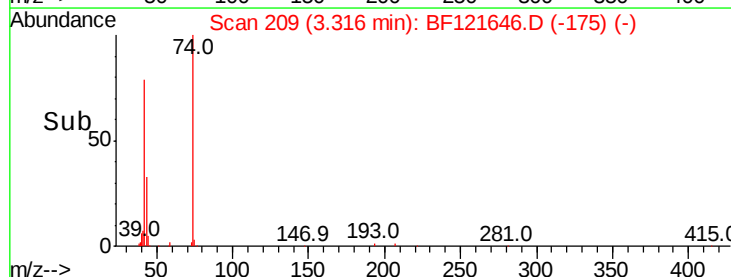
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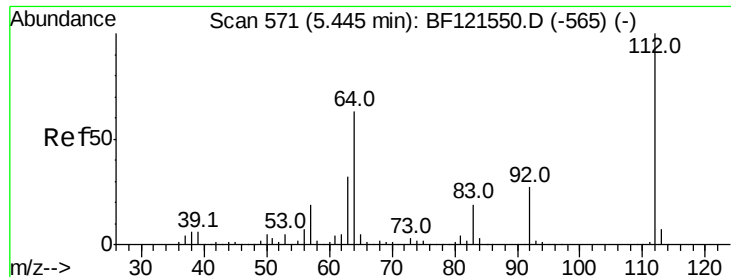
0

3.32

3.20 3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 85.572 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

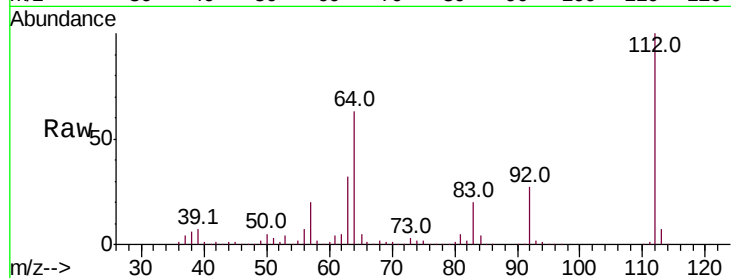
Tot Ion:112 Resp: 890095

Ion Ratio Lower Upper

112 100

64 62.9 52.2 78.2

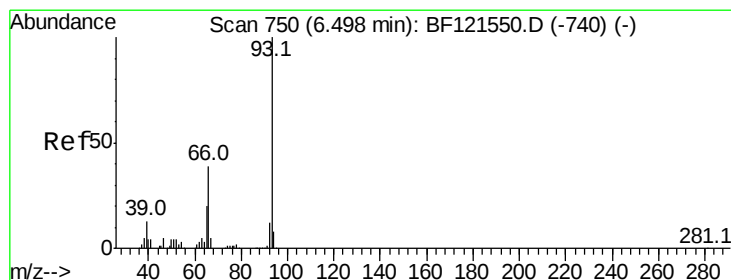
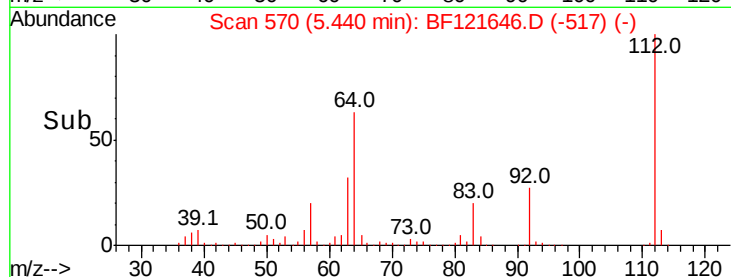
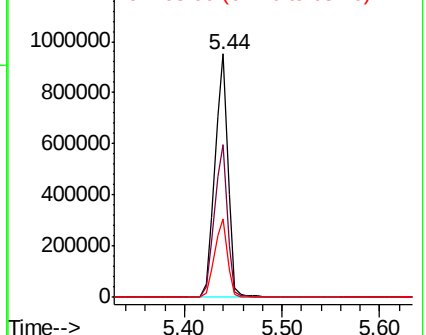
63 32.0 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.799 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

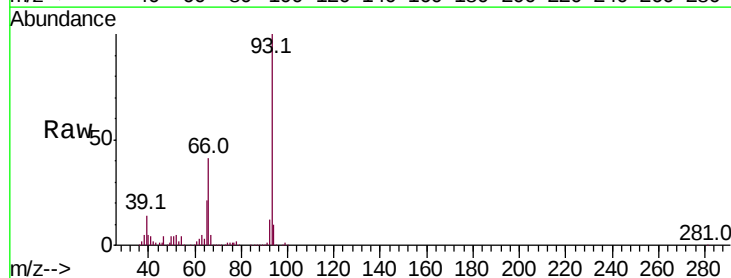
Tgt Ion: 93 Resp: 529615

Ion Ratio Lower Upper

93 100

66 40.6 31.9 47.9

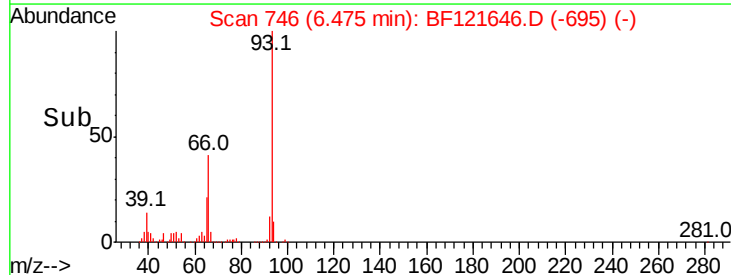
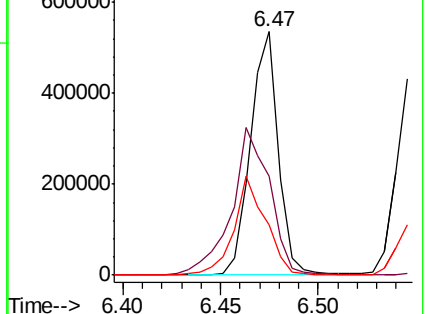
65 20.9 16.1 24.1

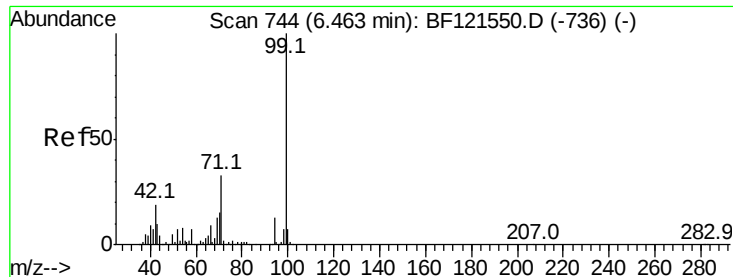


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.350 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

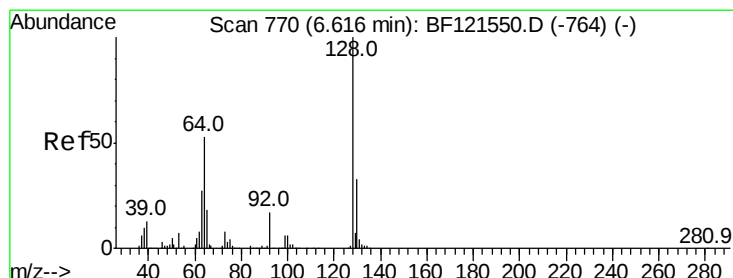
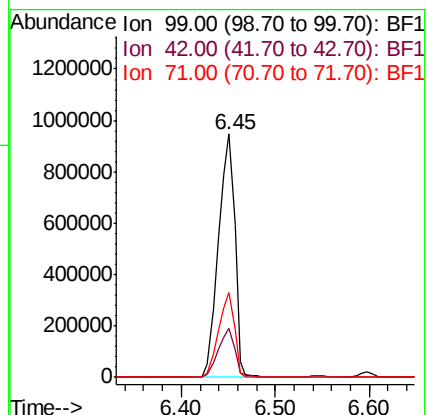
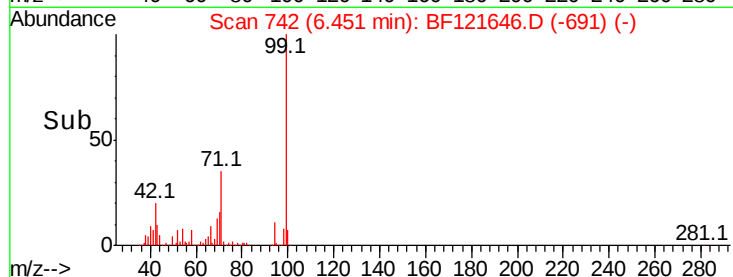
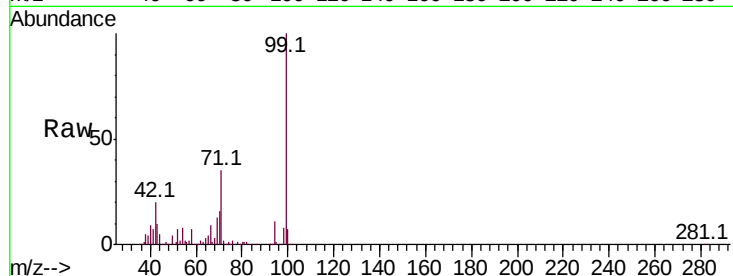
Tot Ion: 99 Resp: 1164721

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.5	23.3
71	34.7	27.4	41.2

99 100

42 20.3 15.5 23.3

71 34.7 27.4 41.2



#8

2-Chlorophenol

Concen: 38.165 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

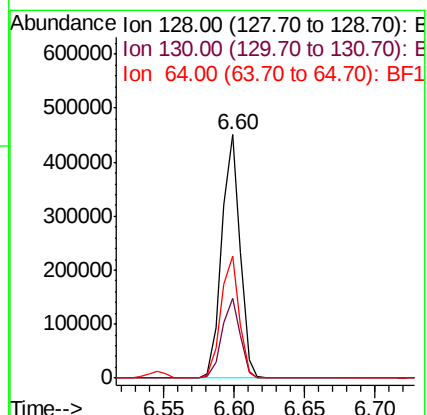
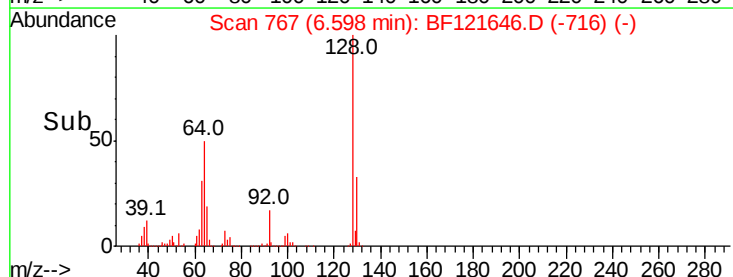
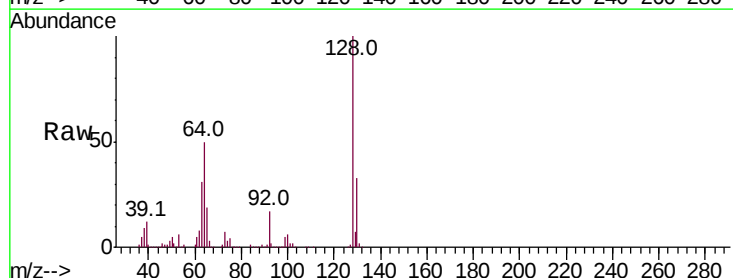
Tgt Ion: 128 Resp: 404182

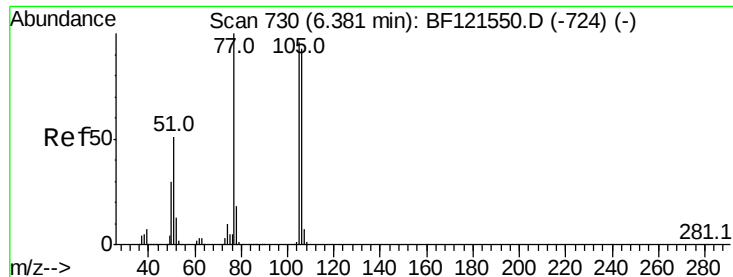
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.5	53.5
64	50.3	29.3	69.3

128 100

130 32.6 13.5 53.5

64 50.3 29.3 69.3





#9

Benzaldehyde

Concen: 31.495 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

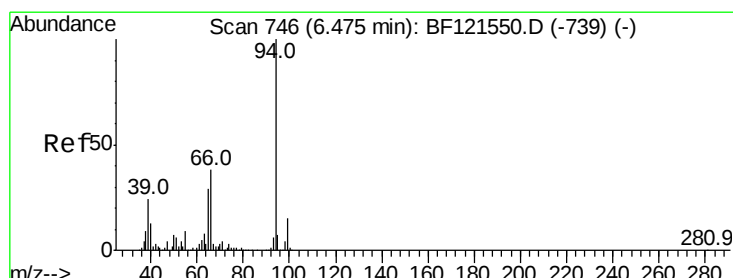
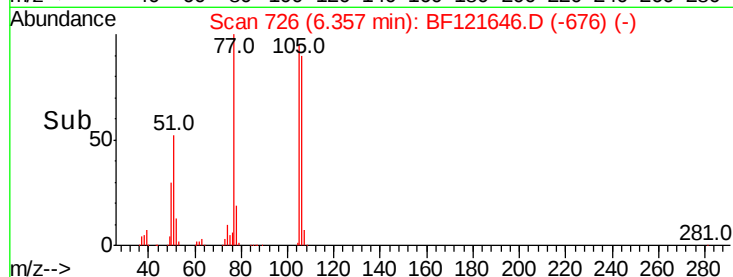
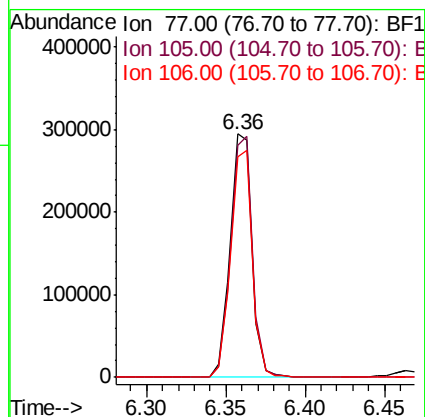
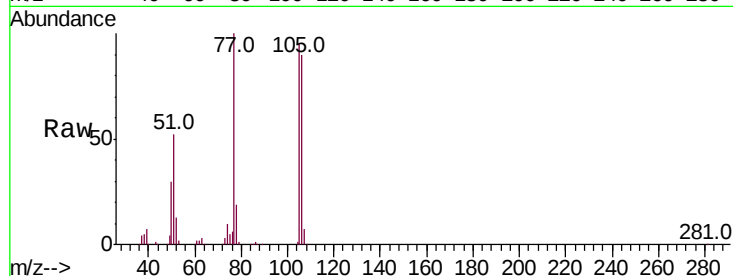
Tot Ion: 77 Resp: 280970

Ion Ratio Lower Upper

77 100

105 95.4 79.2 119.2

106 90.5 72.9 112.9



#10

Phenol

Concen: 34.809 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

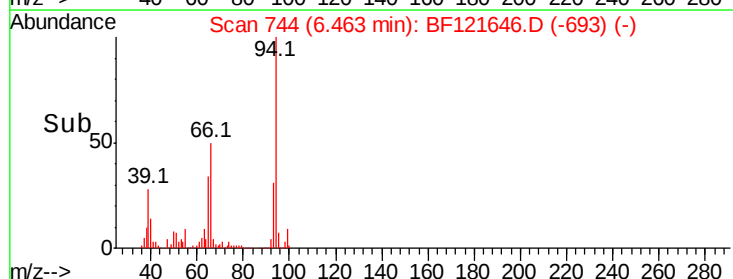
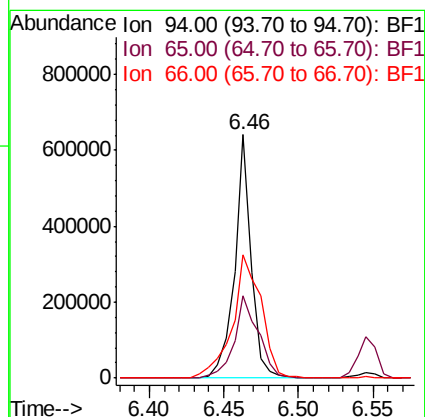
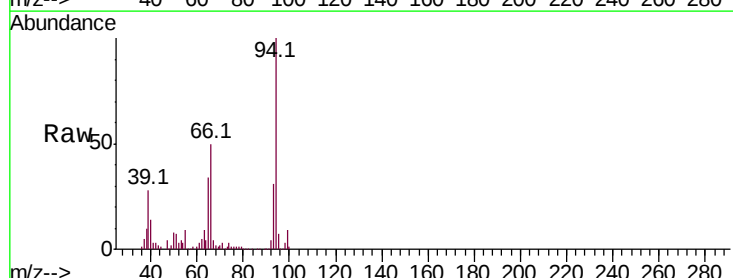
Tgt Ion: 94 Resp: 505837

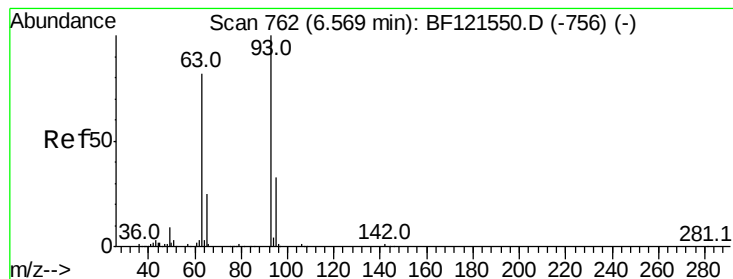
Ion Ratio Lower Upper

94 100

65 33.8 17.8 57.8

66 50.5 37.8 77.8





#11

bis(2-Chloroethyl)ether

Concen: 35.601 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

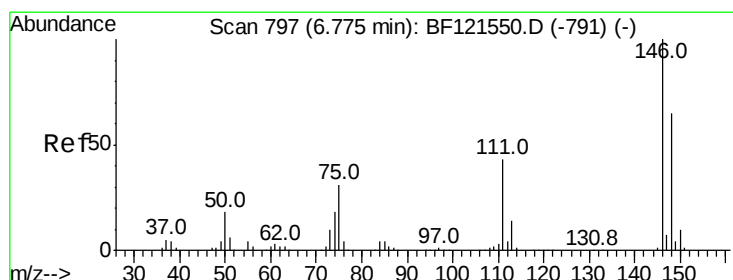
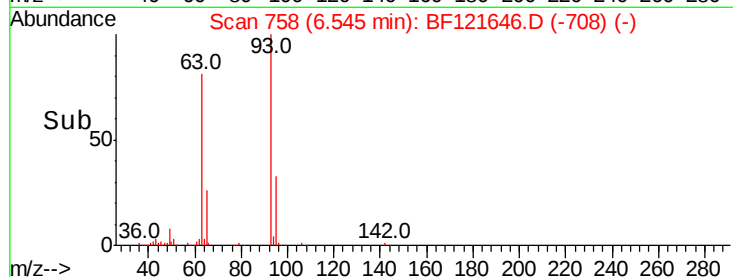
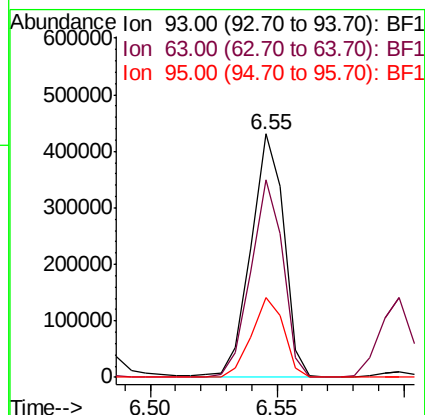
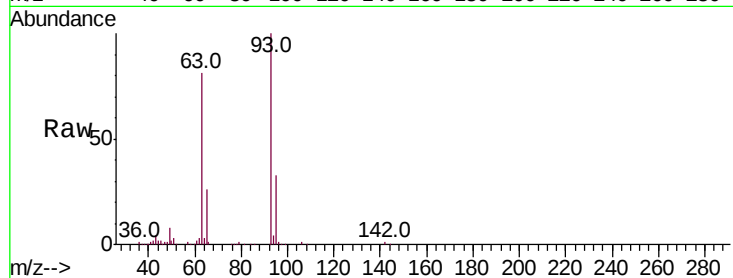
Tot Ion: 93 Resp: 389920

Ion Ratio Lower Upper

93 100

63 81.0 60.3 100.3

95 32.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 34.878 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

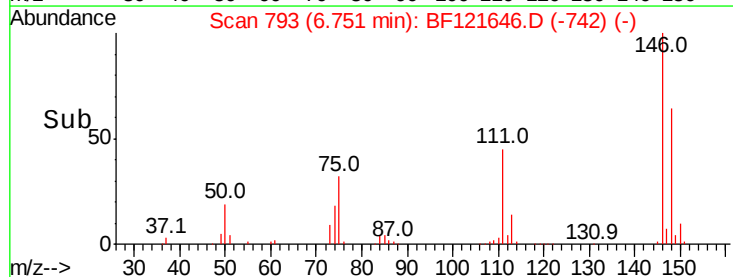
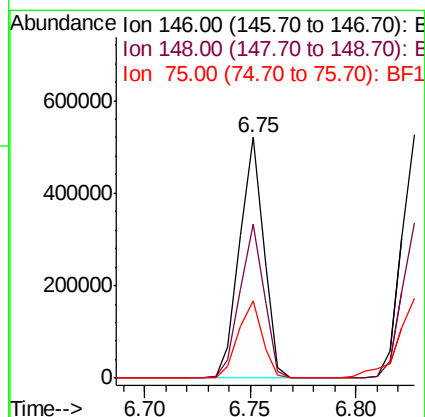
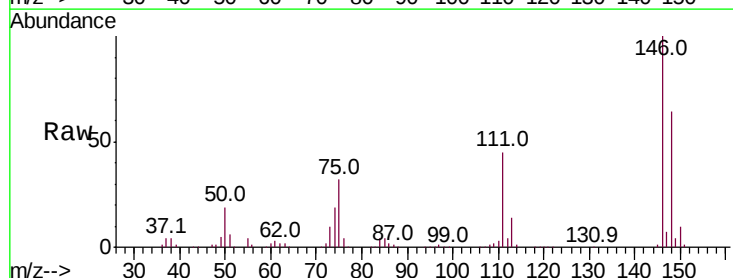
Tgt Ion: 146 Resp: 412280

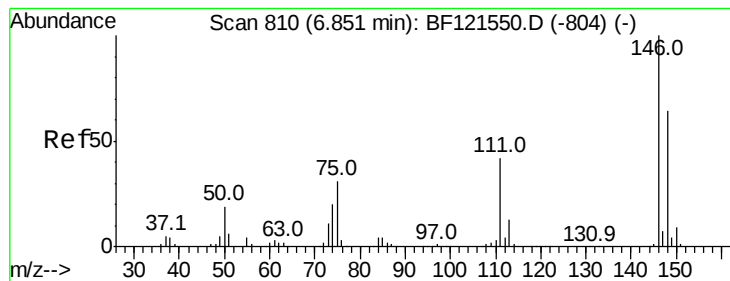
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

75 32.0 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 35.539 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

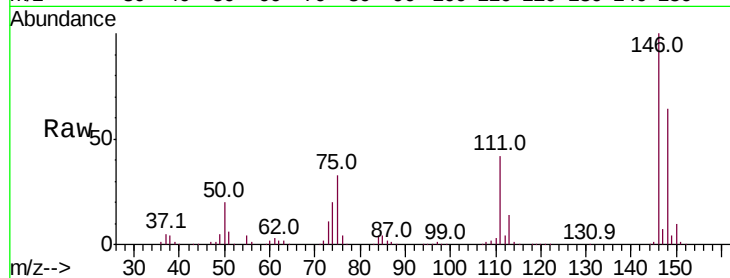
Tot Ion:146 Resp: 421819

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

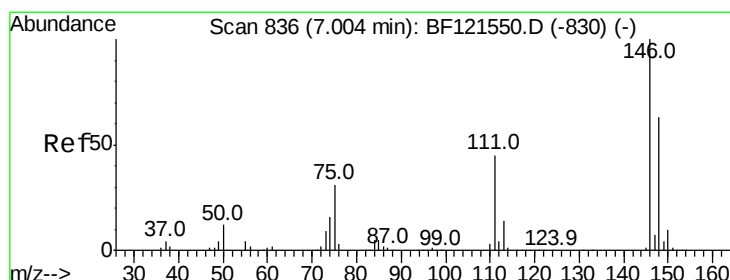
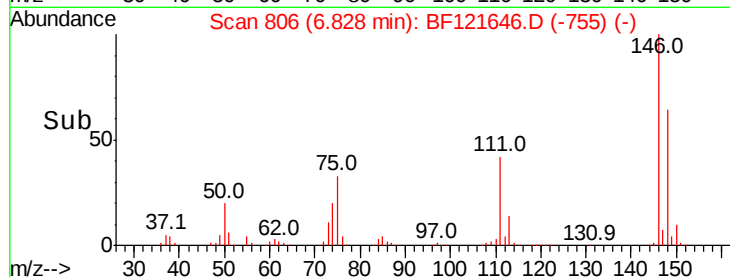
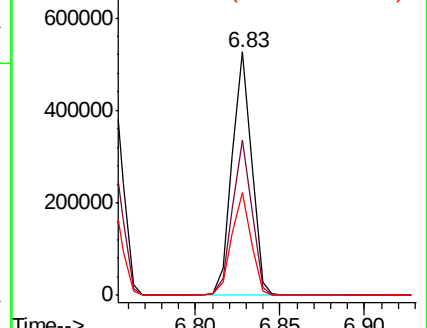
111 42.2 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.333 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

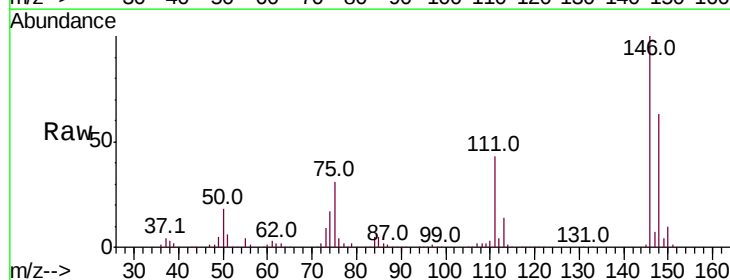
Tgt Ion:146 Resp: 408201

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

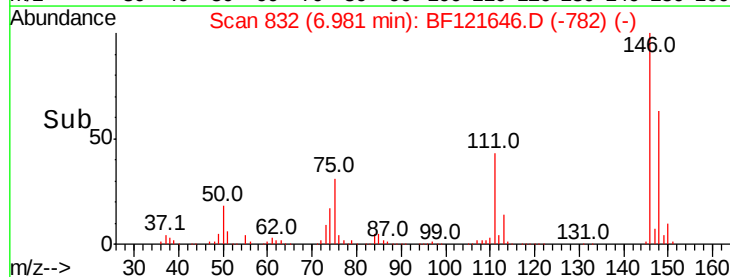
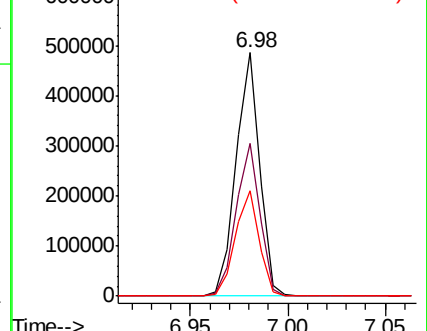
111 43.3 35.5 53.3

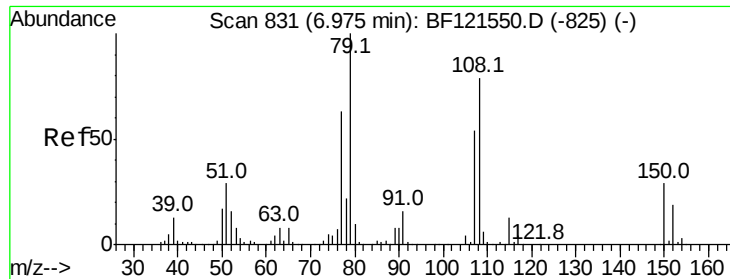


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.309 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

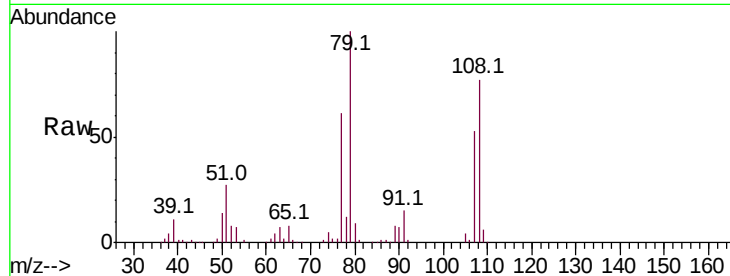
Tot Ion: 79 Resp: 355327

Ion Ratio Lower Upper

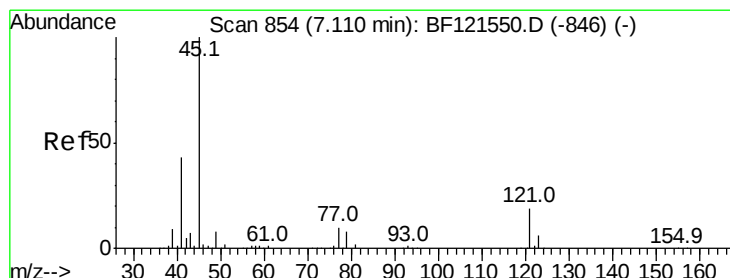
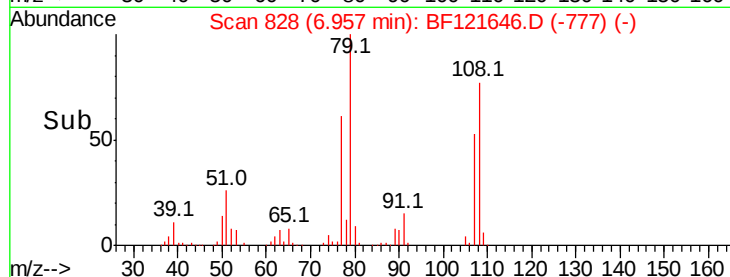
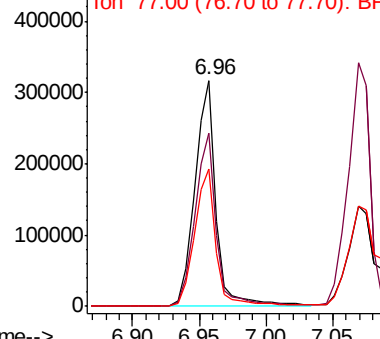
79 100

108 76.7 60.2 90.2

77 60.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.182 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

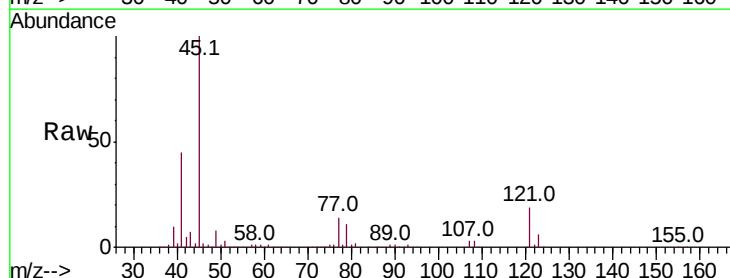
Tgt Ion: 45 Resp: 602449

Ion Ratio Lower Upper

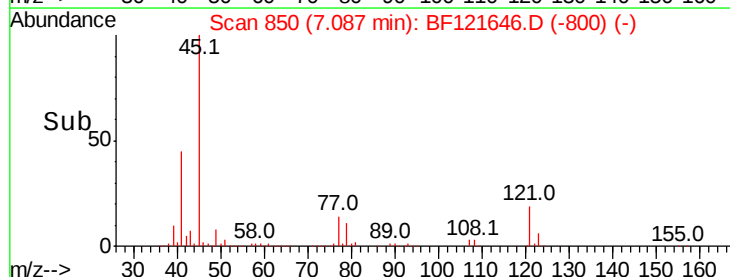
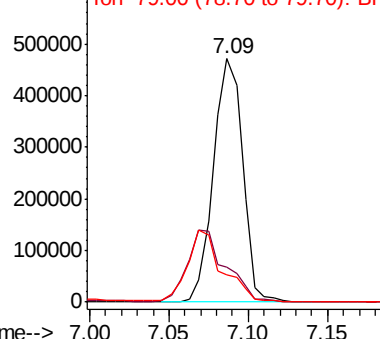
45 100

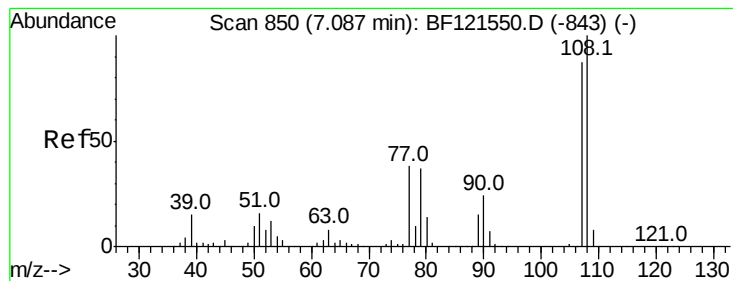
77 14.2 0.0 33.8

79 11.1 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.693 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:107 Resp: 339650

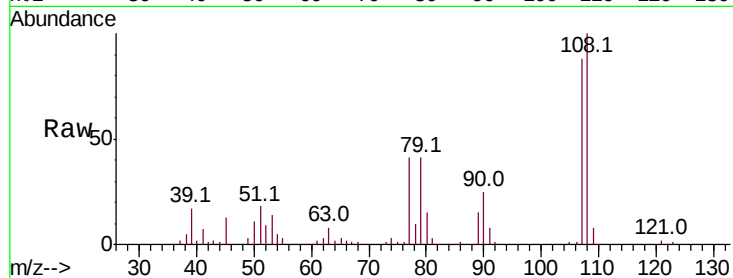
Ion Ratio Lower Upper

107 100

108 113.5 90.6 135.8

77 46.7 38.7 58.1

79 46.7 37.9 56.9

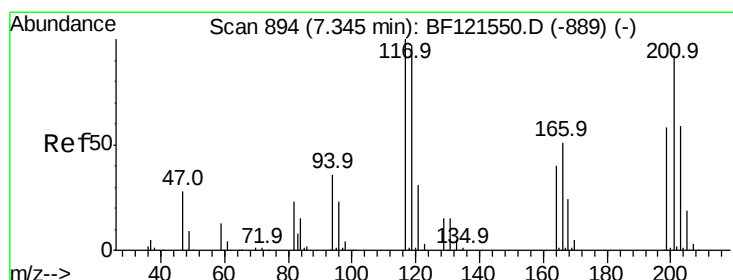
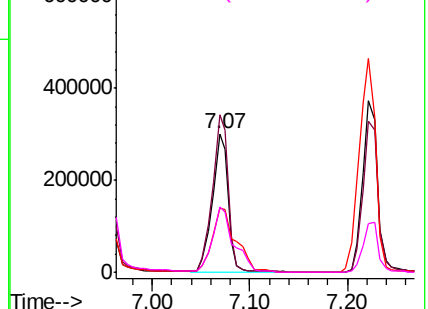
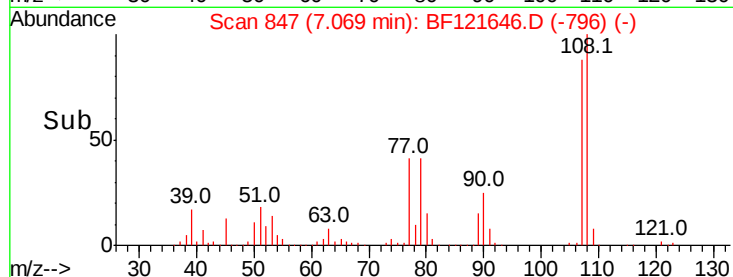


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.760 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

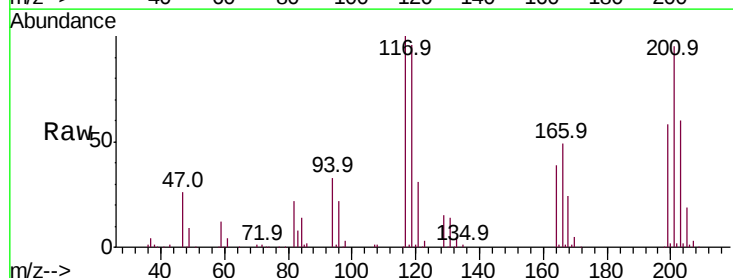
Tgt Ion:117 Resp: 151974

Ion Ratio Lower Upper

117 100

119 96.3 75.7 113.5

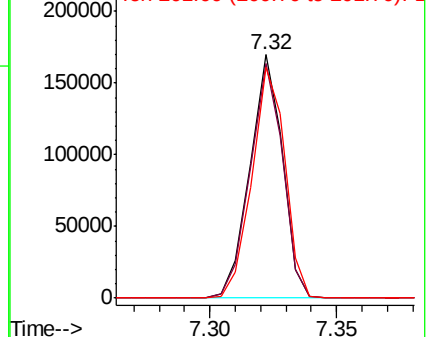
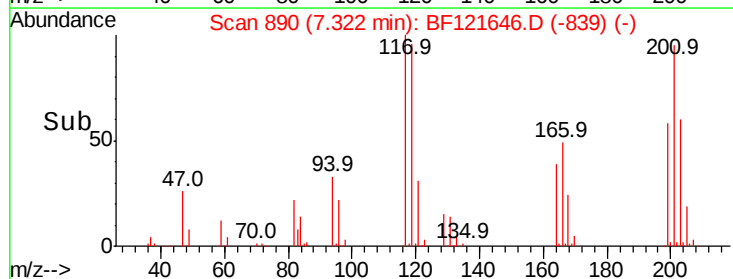
201 94.8 77.5 116.3

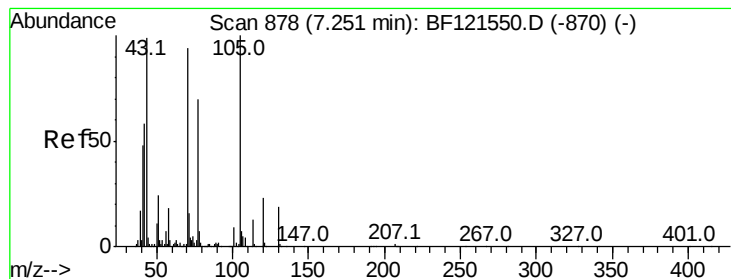


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.862 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion: 70 Resp: 282053

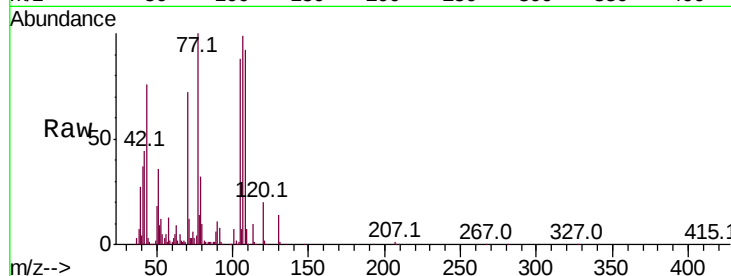
Ion Ratio Lower Upper

70 100

42 61.5 48.3 72.5

101 9.1 7.6 11.4

130 19.8 15.9 23.9

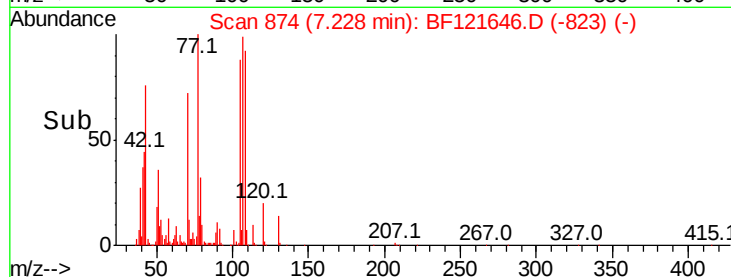
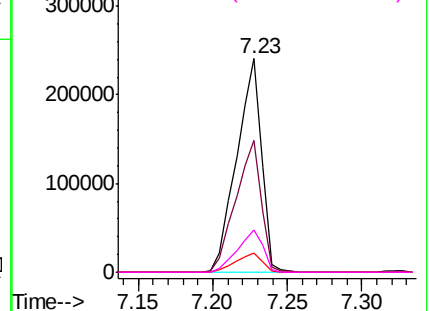


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 36.911 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion: 107 Resp: 399621

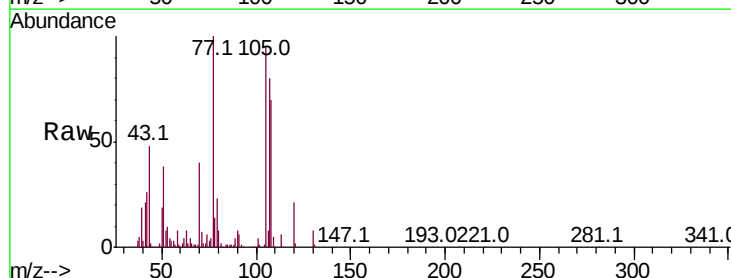
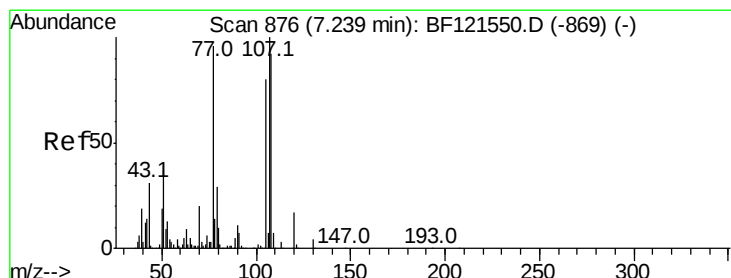
Ion Ratio Lower Upper

107 100

108 87.7 67.0 107.0

77 124.5 107.7 147.7

79 28.7 10.3 50.3

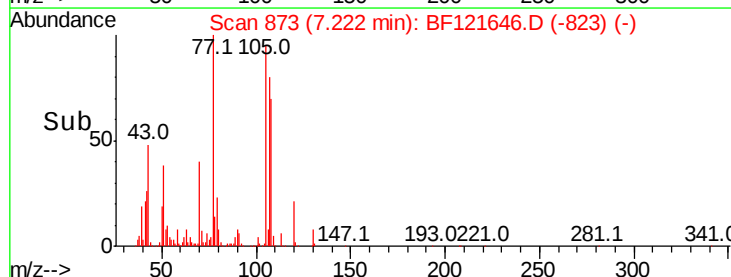
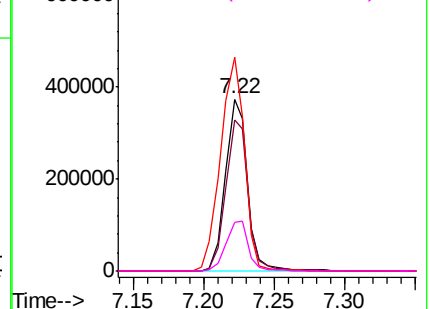


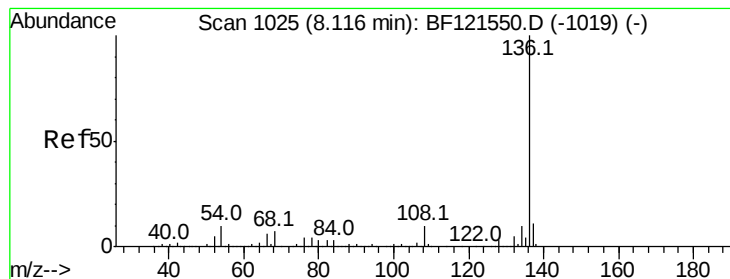
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion:136 Resp: 607787

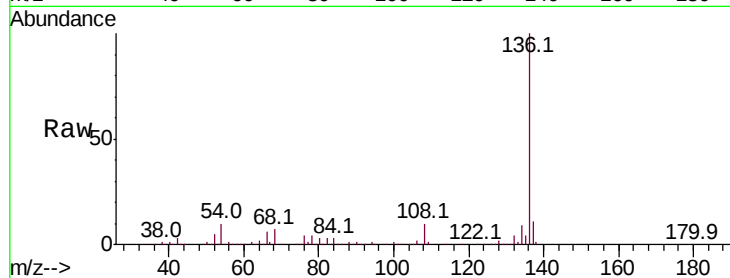
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.6 7.4 11.0

68 7.1 5.3 7.9

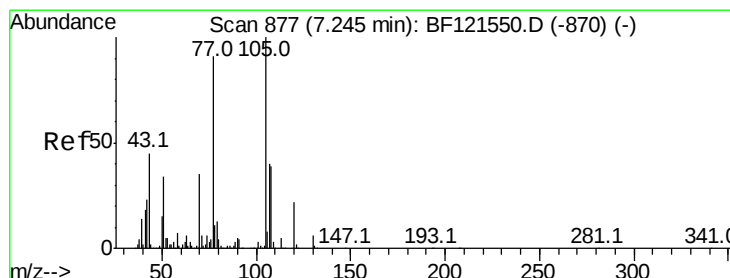
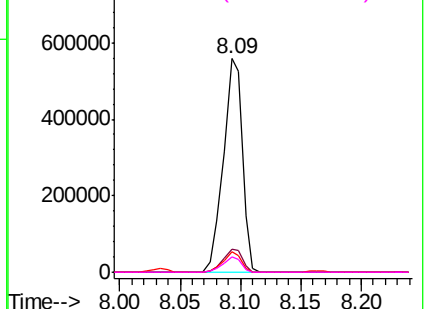
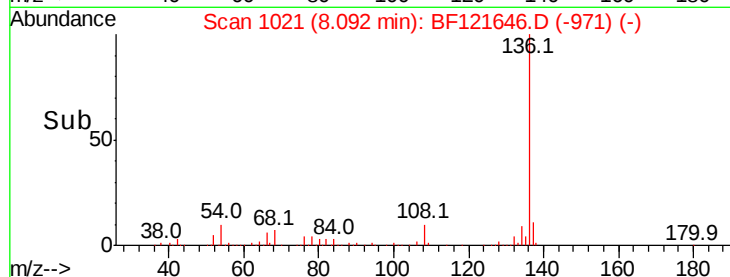


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.695 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:105 Resp: 535026

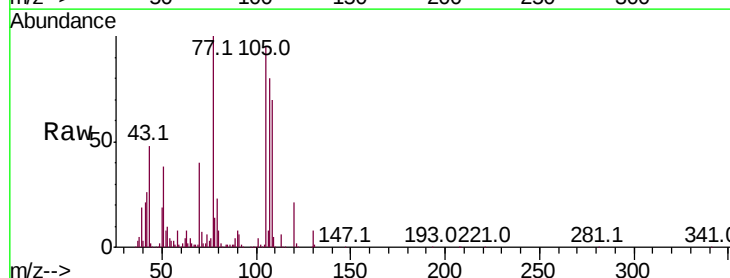
Ion Ratio Lower Upper

105 100

71 7.0 5.5 8.3

51 40.3 31.7 47.5

120 21.7 17.4 26.2

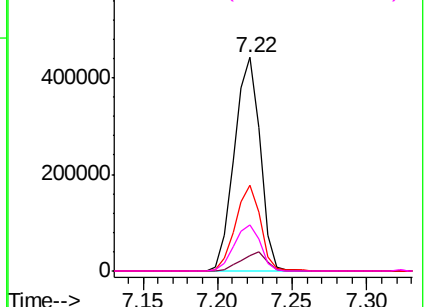
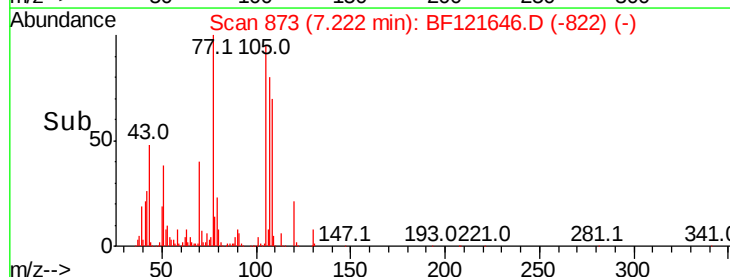


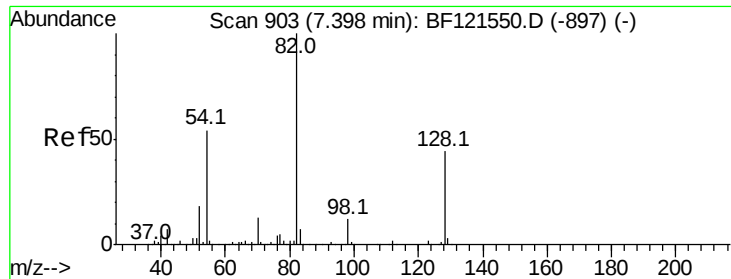
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

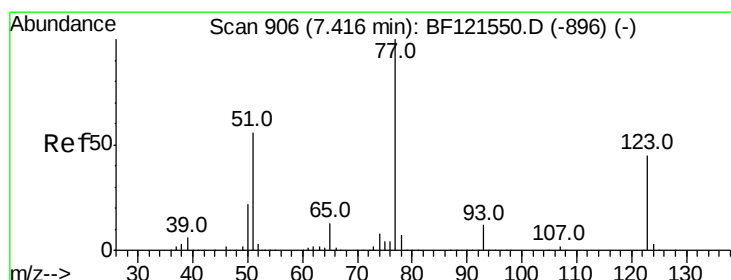
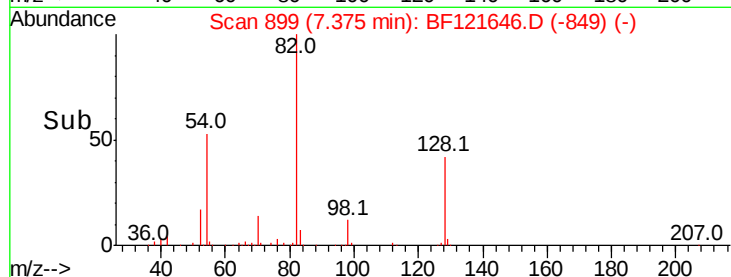
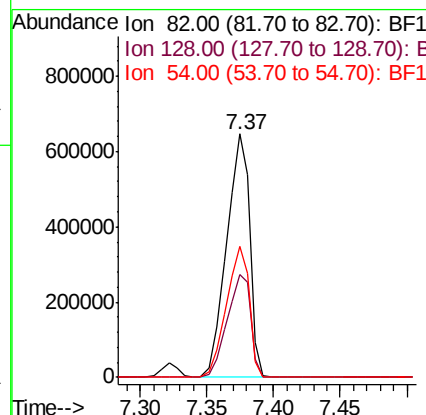
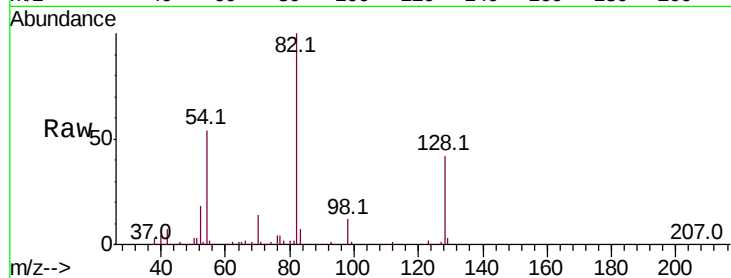




#23
Nitrobenzene-d5
Concen: 70.018 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

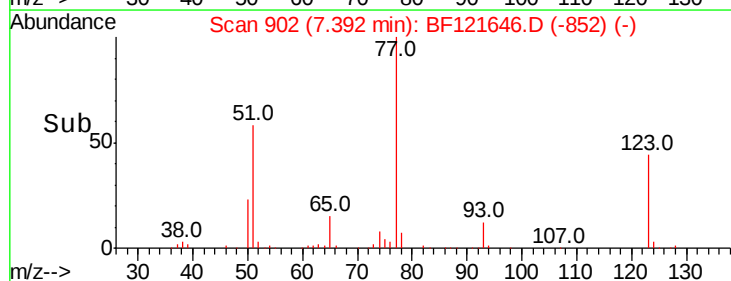
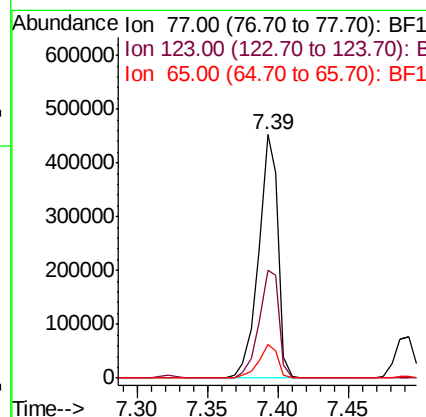
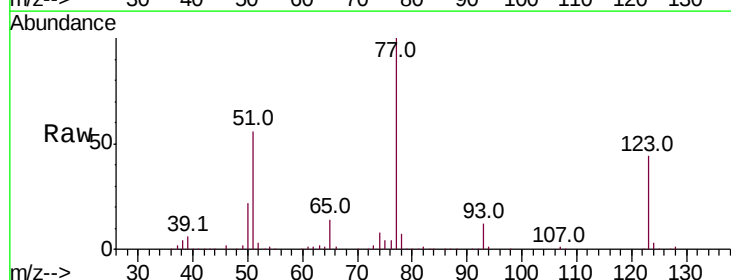
Instrument :
BNA_F
ClientSampleId :
PB131763BS

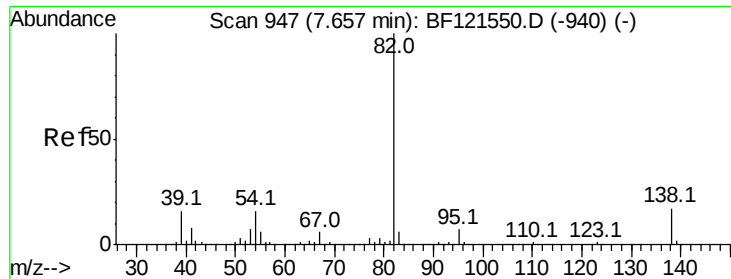
Tot Ion: 82 Resp: 792602
Ion Ratio Lower Upper
82 100
128 42.3 33.9 50.9
54 53.5 42.9 64.3



#24
Nitrobenzene
Concen: 35.770 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion: 77 Resp: 437943
Ion Ratio Lower Upper
77 100
123 44.1 35.8 53.8
65 13.6 11.2 16.8





#25

Isophorone

Concen: 35.178 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

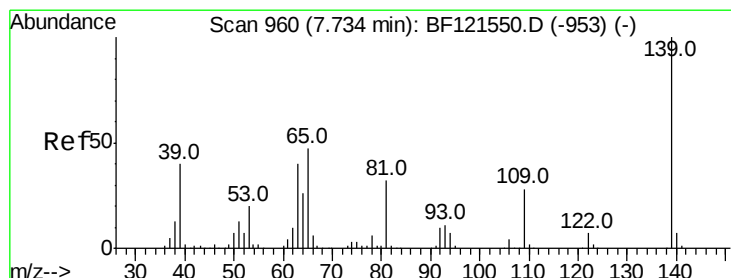
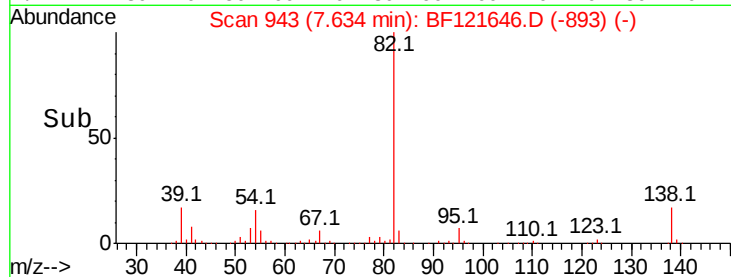
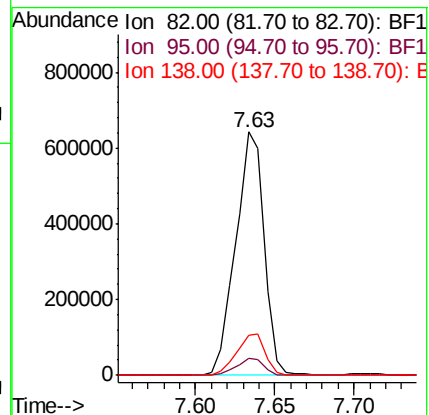
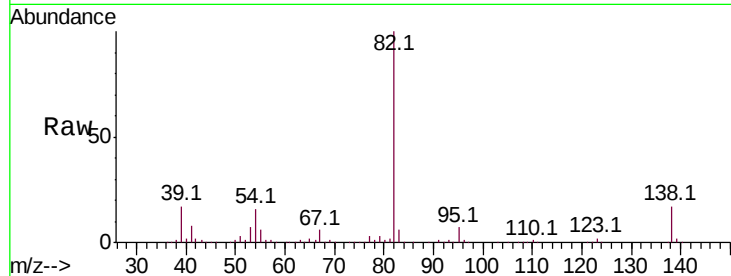
Tot Ion: 82 Resp: 801608

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 16.5 13.2 19.8



#26

2-Nitrophenol

Concen: 37.210 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

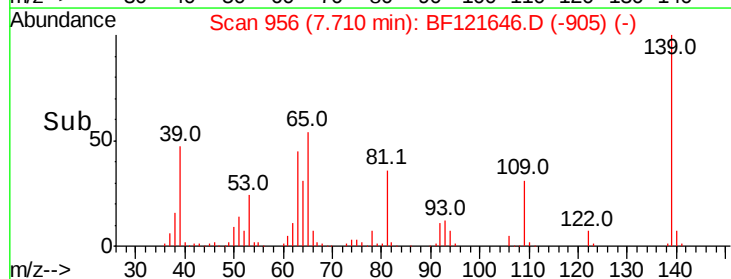
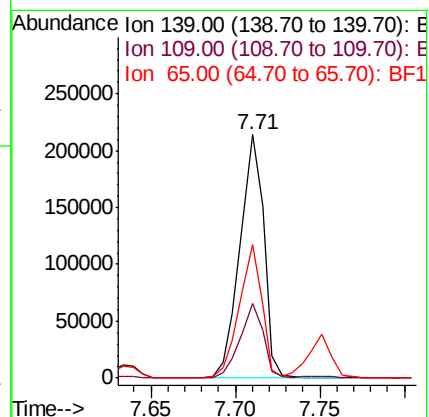
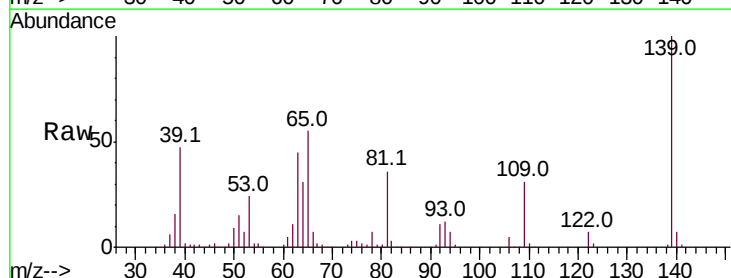
Tgt Ion: 139 Resp: 210966

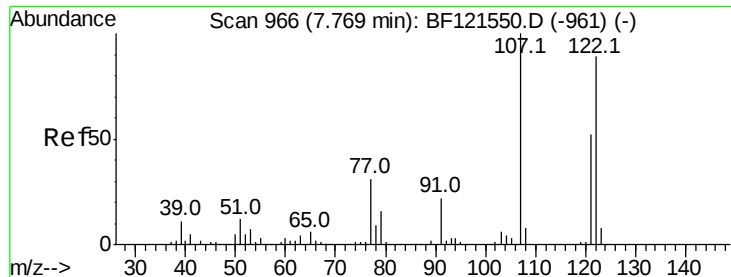
Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.2

65 54.6 41.0 61.4

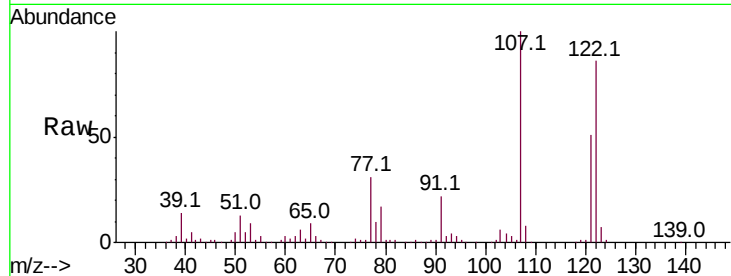




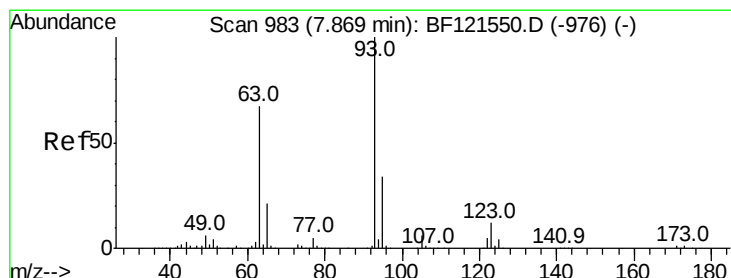
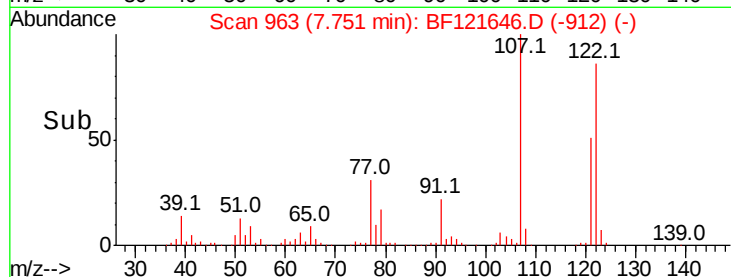
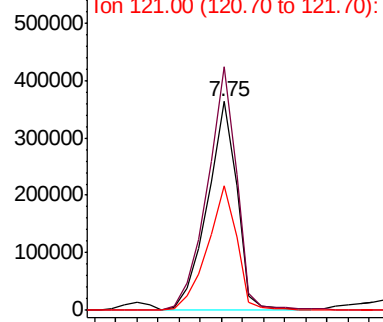
#27
2,4-Dimethylphenol
Concen: 34.815 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:122 Resp: 354132
Ion Ratio Lower Upper
122 100
107 116.5 91.4 137.0
121 59.3 46.2 69.2

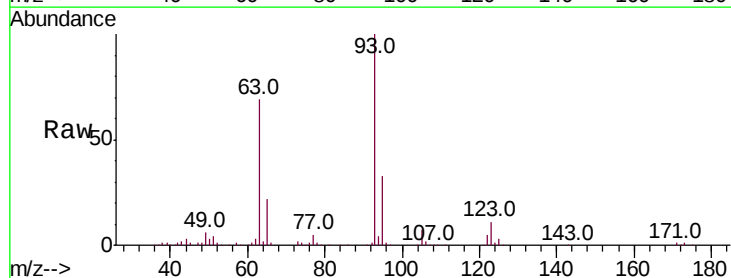


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

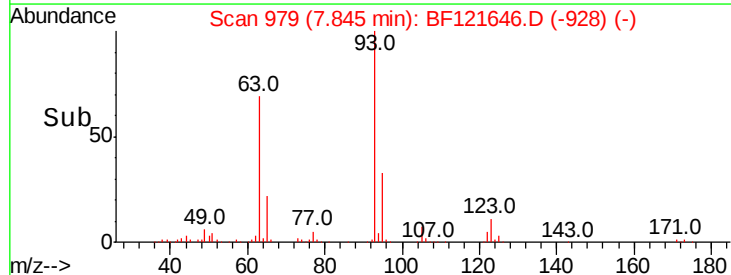
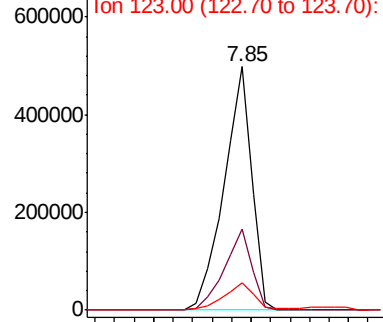


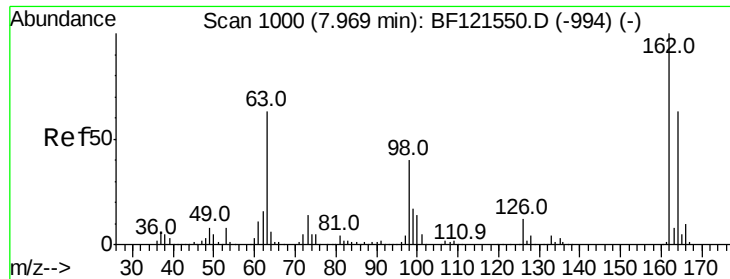
#28
bis(2-Chloroethoxy)methane
Concen: 34.806 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion: 93 Resp: 491008
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 11.4 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

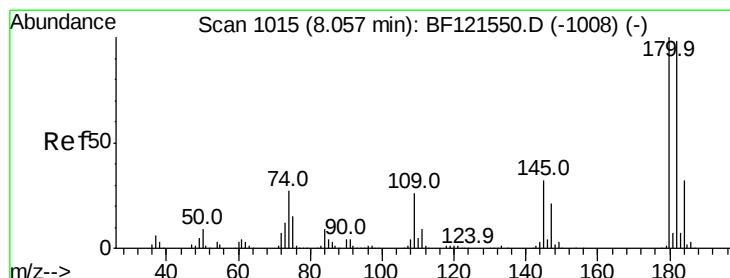
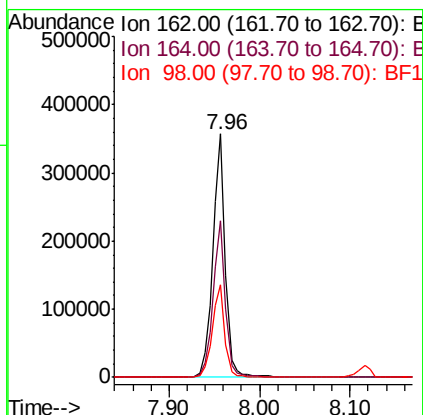
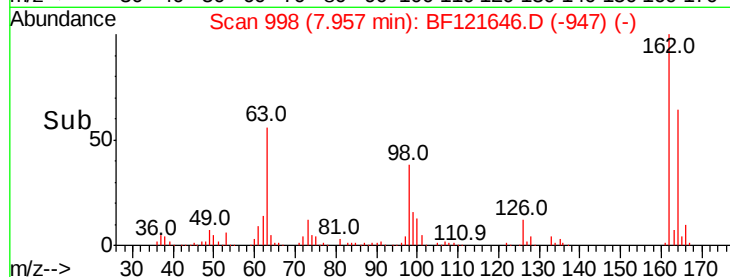
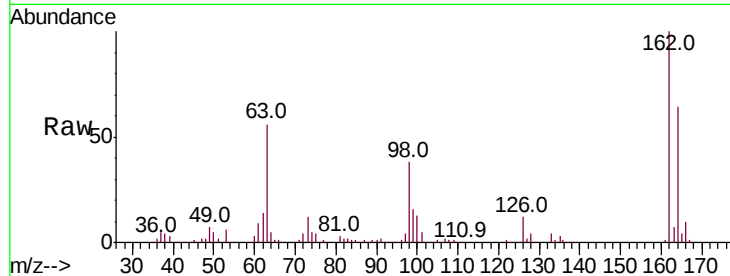




#29
 2,4-Dichlorophenol
 Concen: 37.037 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

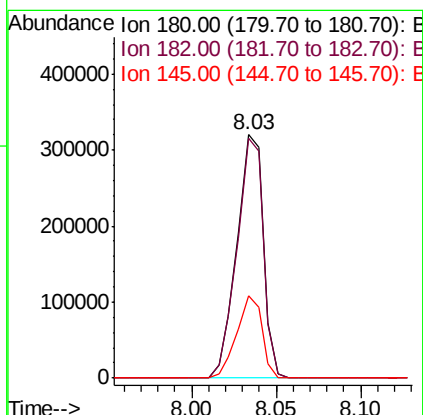
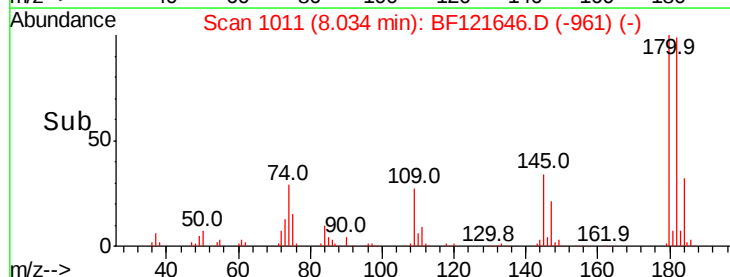
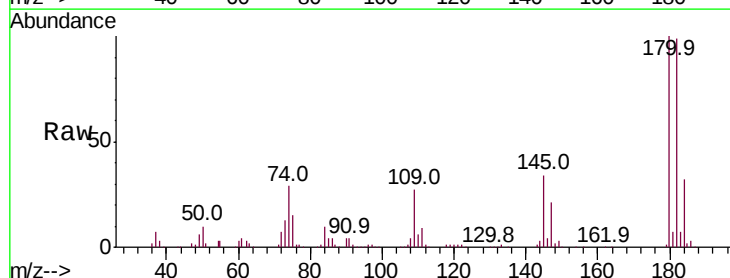
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

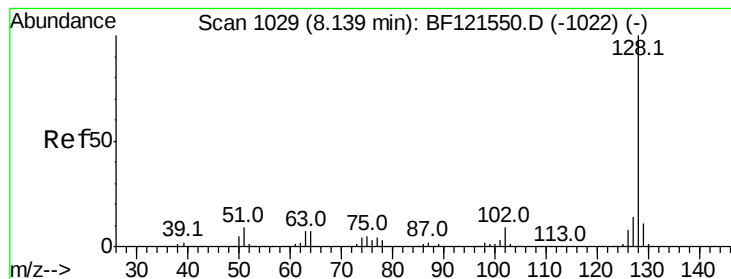
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.1	84.1
98	37.8	16.7	56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 35.917 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	78.6	117.8
145	33.7	26.2	39.2





#31

Naphthalene

Concen: 35.459 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

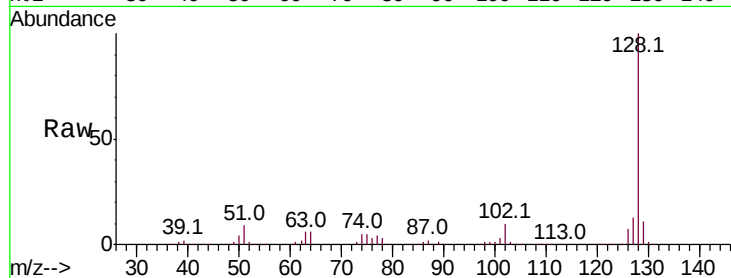
Tot Ion:128 Resp: 1137659

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

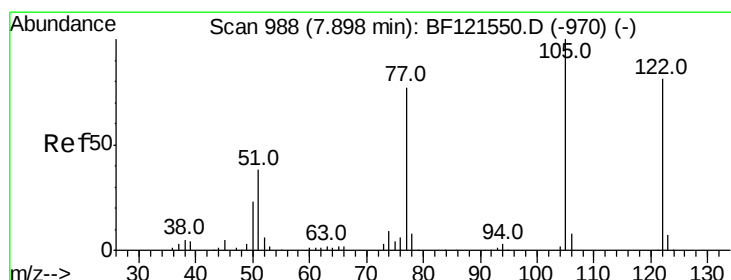
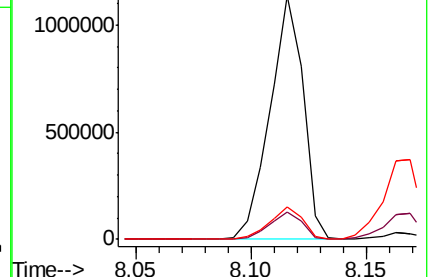
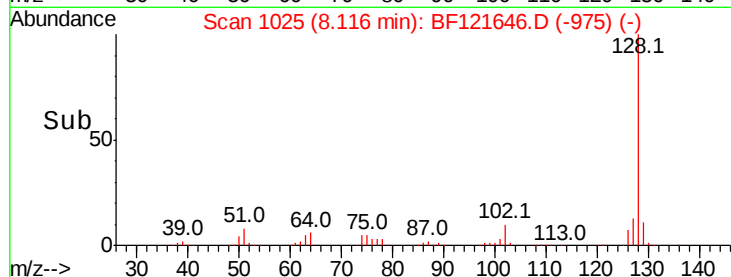
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.448 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

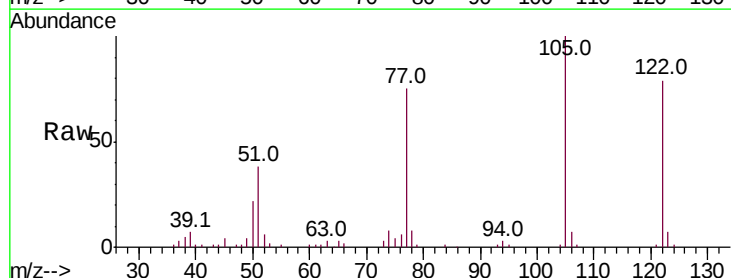
Tgt Ion:122 Resp: 235192

Ion Ratio Lower Upper

122 100

105 127.1 101.9 141.9

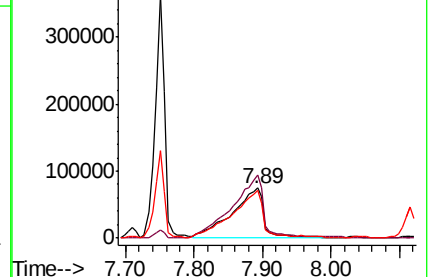
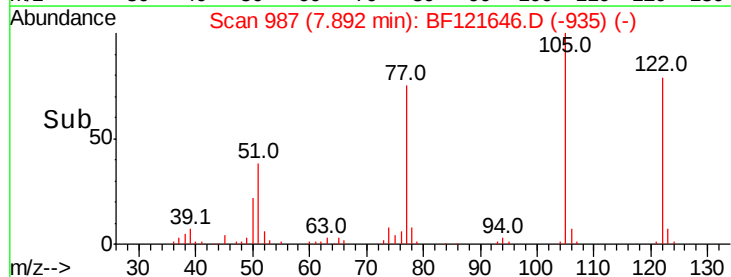
77 95.9 69.0 109.0

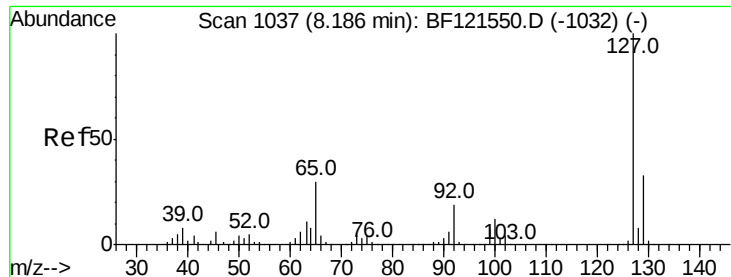


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

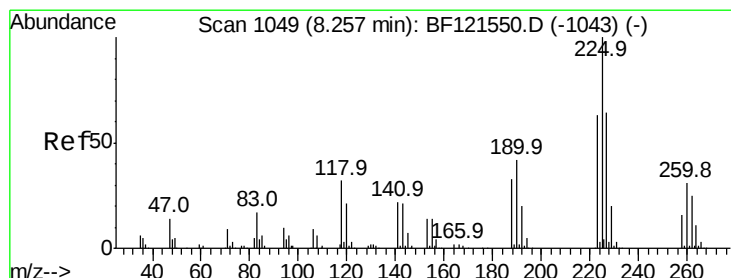
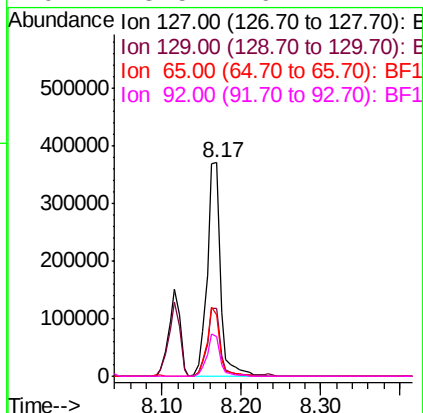
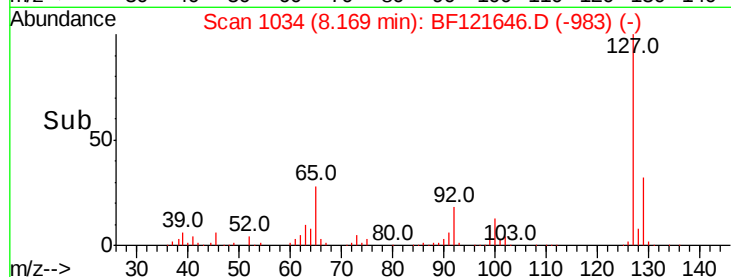
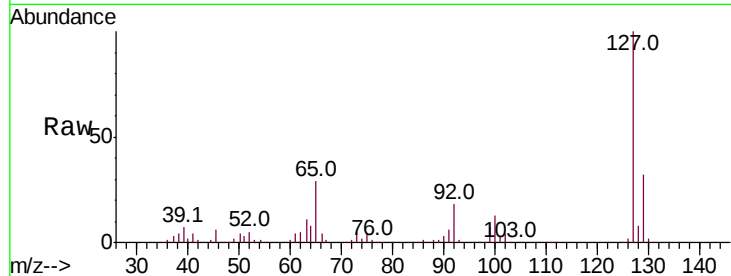




#33
4-Chloroaniline
Concen: 31.177 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

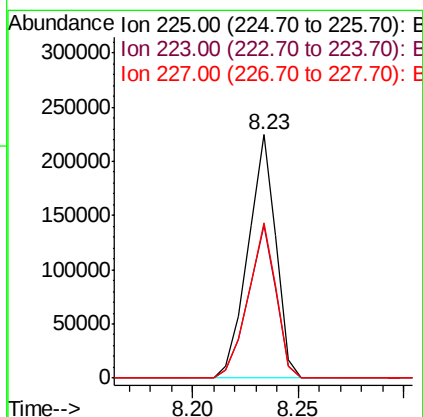
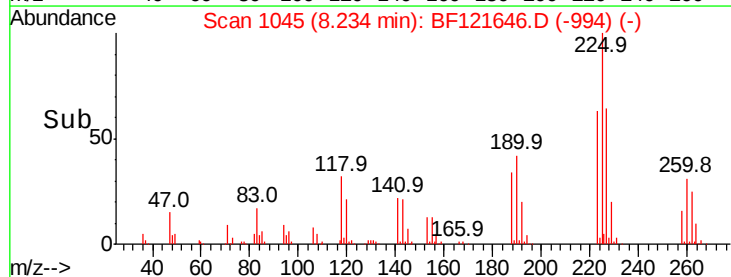
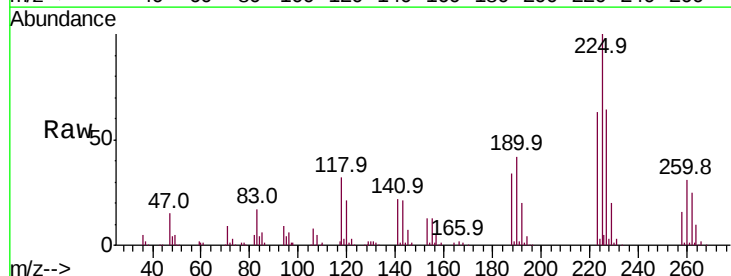
Instrument :
BNA_F
ClientSampleId :
PB131763BS

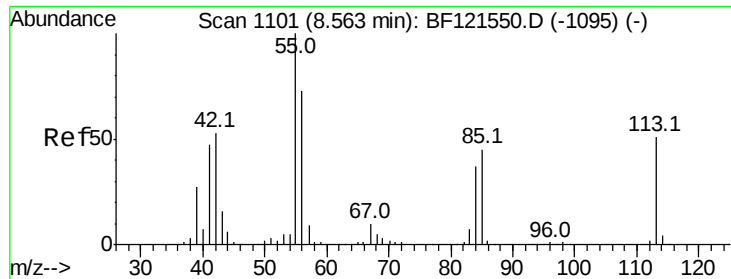
Tot Ion:	127	Resp:	433606
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	28.5	26.3	39.5
92	18.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 36.077 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:	225	Resp:	206617
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	64.0	51.7	77.5

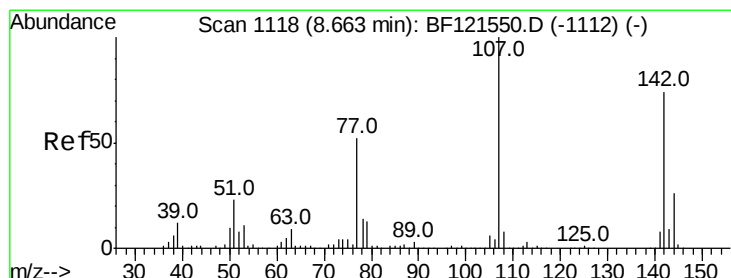
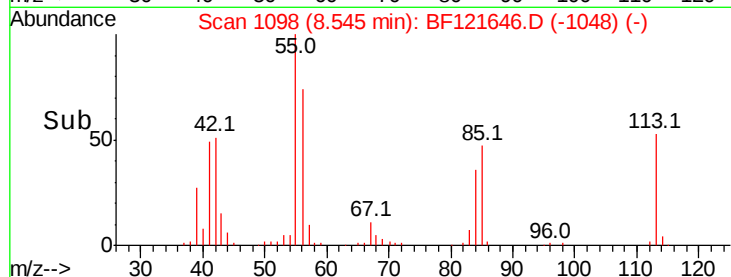
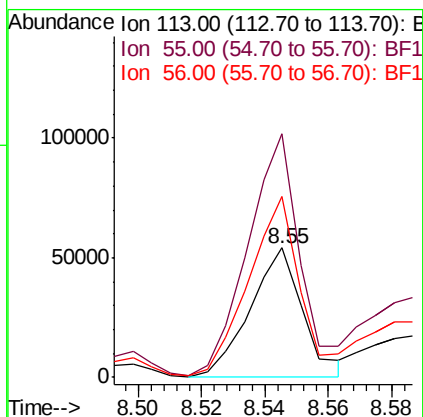
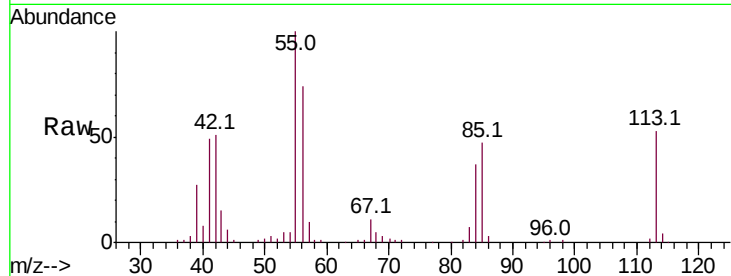




#35
 Caprolactam
 Concen: 20.259 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

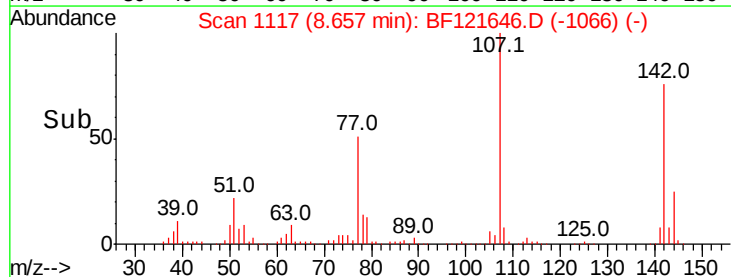
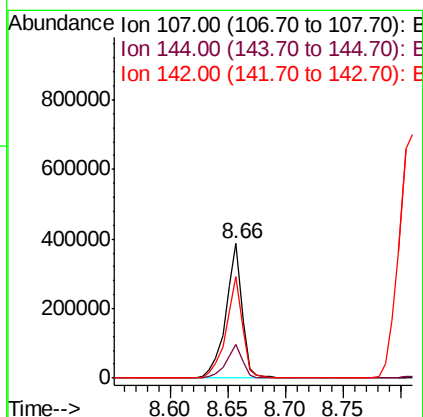
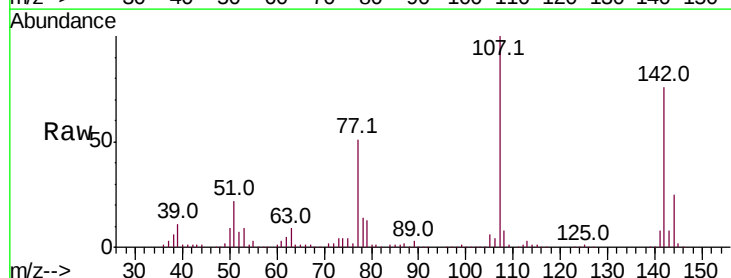
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

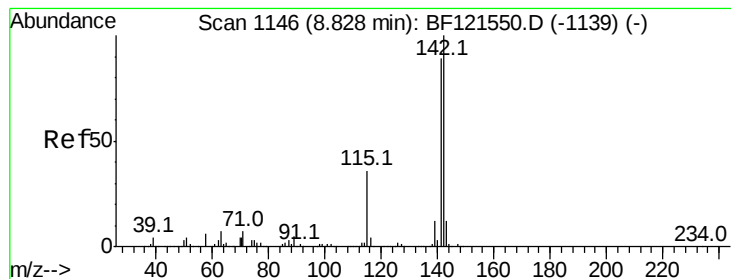
Tot Ion:113 Resp: 62503
 Ion Ratio Lower Upper
 113 100
 55 187.9 166.3 206.3
 56 139.9 118.7 158.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.077 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:107 Resp: 380009
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 31.0
 142 75.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 36.335 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

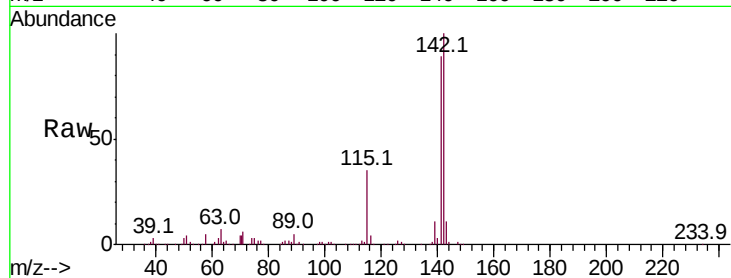
Tot Ion:142 Resp: 763970

Ion Ratio Lower Upper

142 100

141 88.9 72.2 108.2

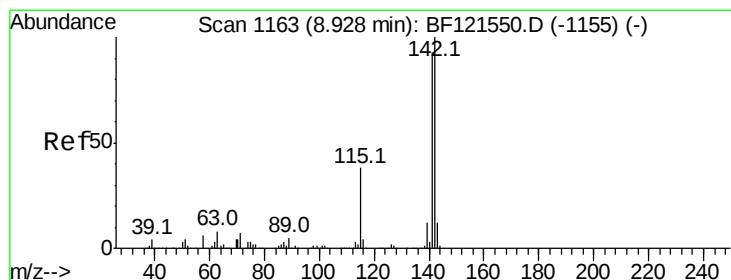
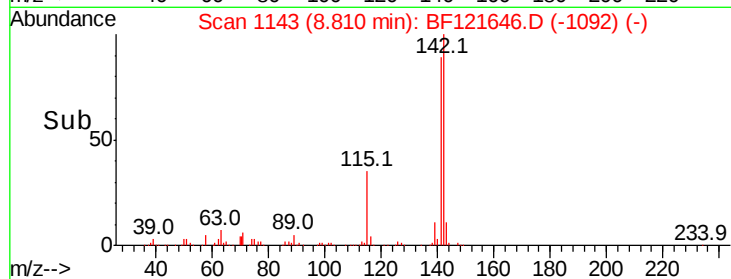
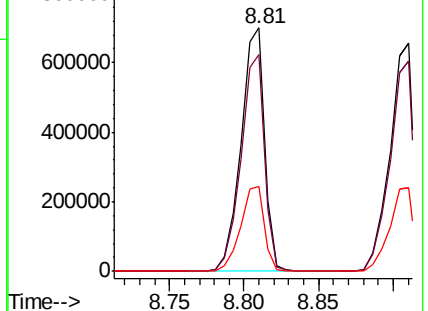
115 34.9 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.750 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

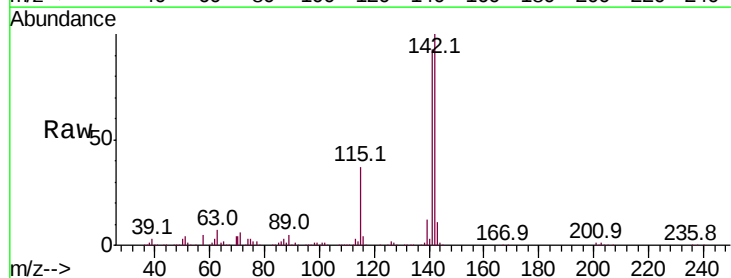
Tgt Ion:142 Resp: 719137

Ion Ratio Lower Upper

142 100

141 92.6 73.8 110.8

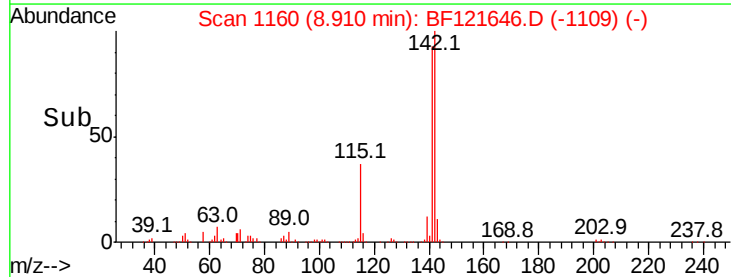
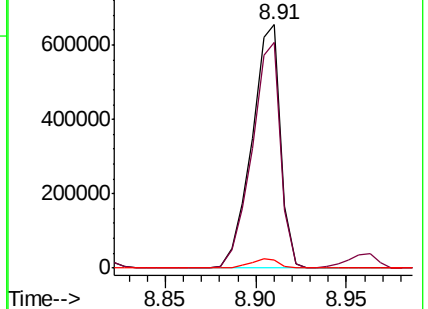
116 3.5 3.3 4.9

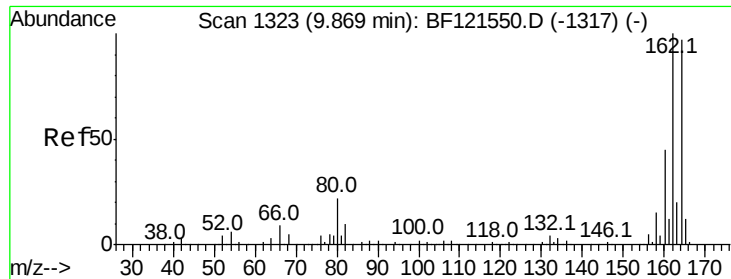


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

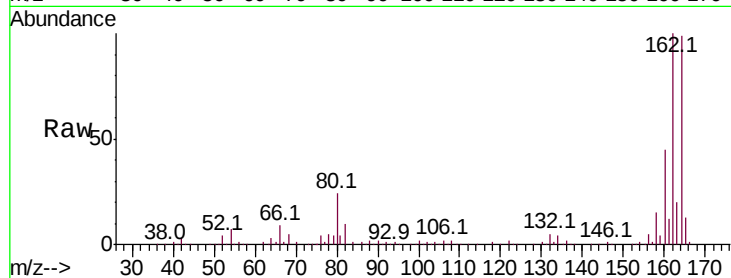
Tot Ion:164 Resp: 327306

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

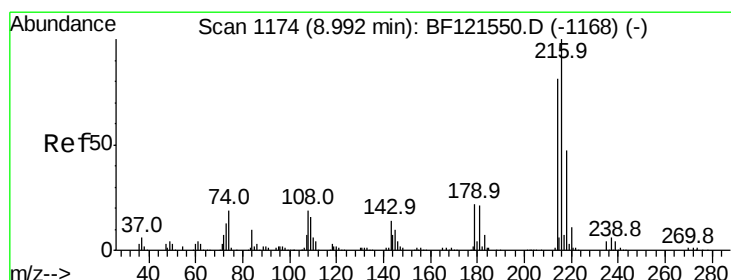
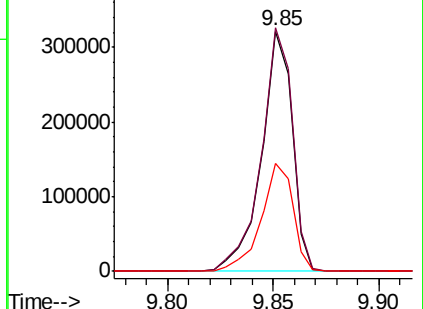
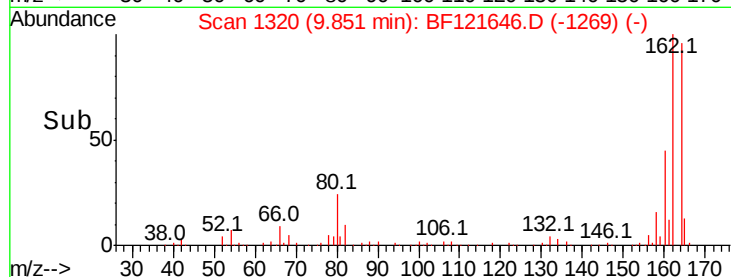
160 45.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.026 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:216 Resp: 358101

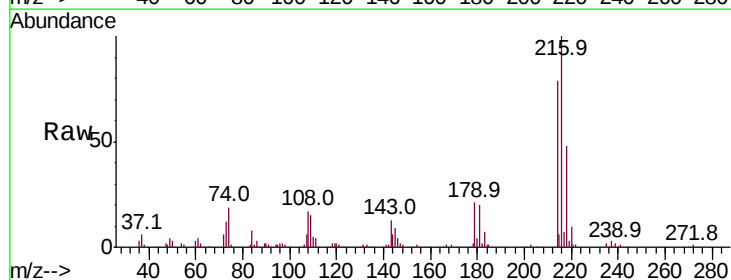
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.8 16.6 24.8

108 20.4 15.2 22.8

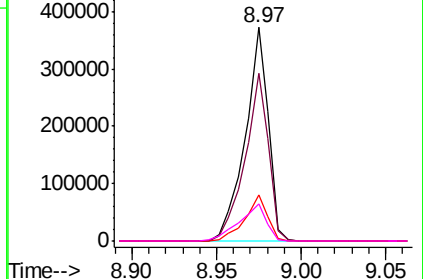
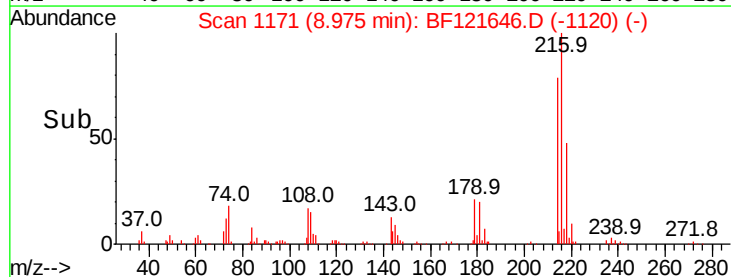


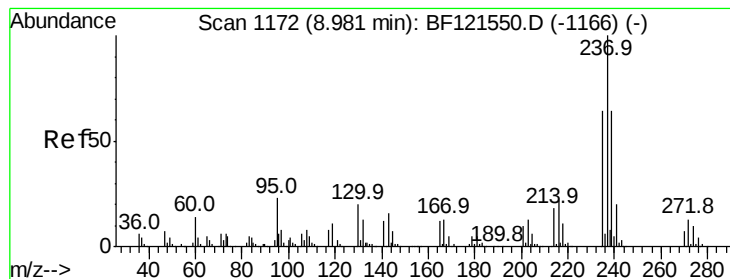
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.489 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

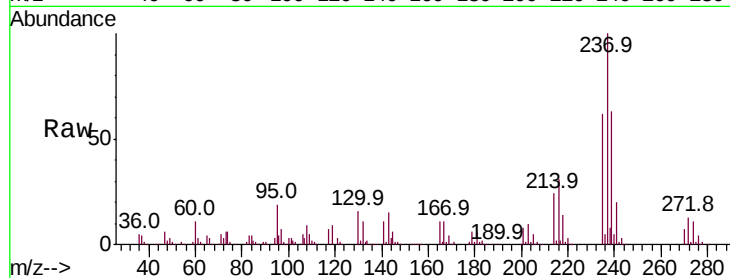
Tot Ion:237 Resp: 370687

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

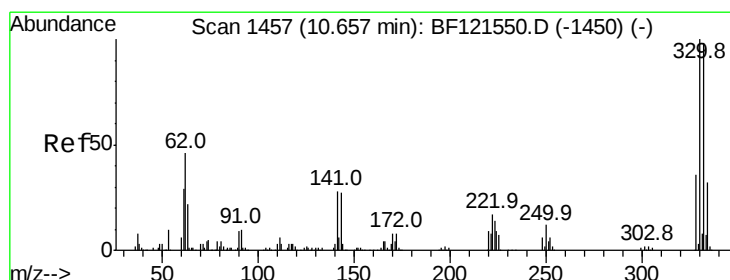
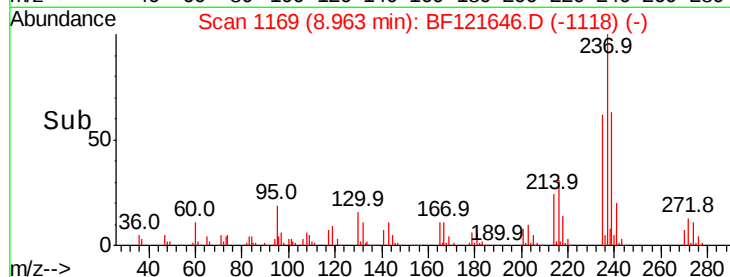
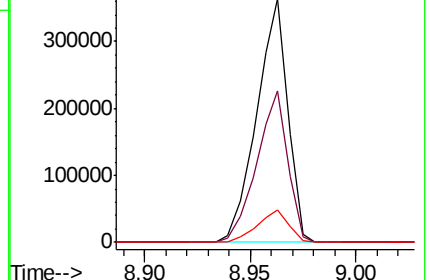
272 13.2 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.631 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

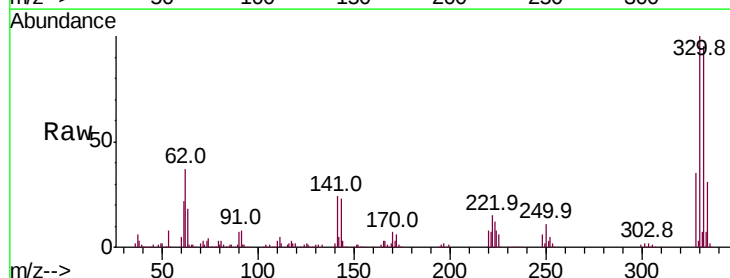
Tgt Ion:330 Resp: 401230

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

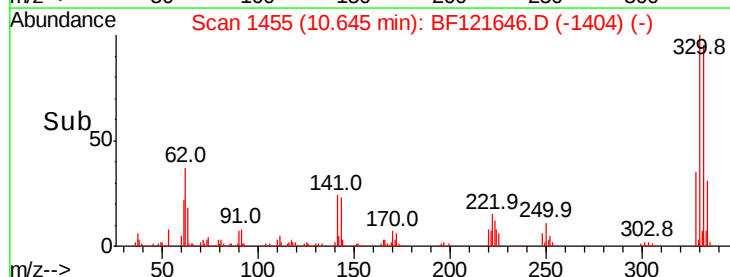
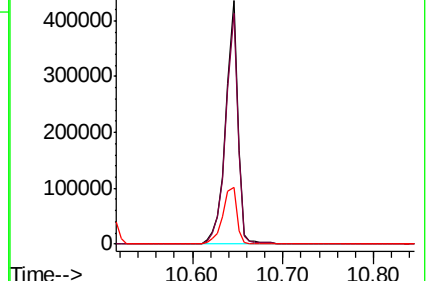
141 27.6 22.4 33.6

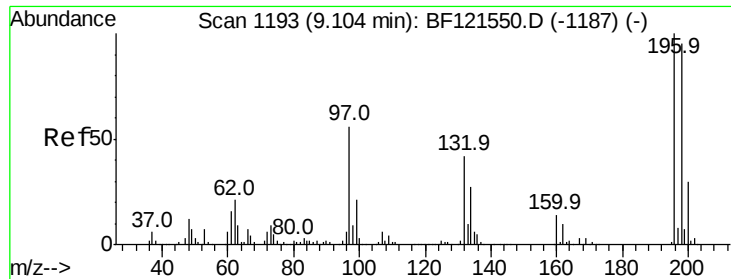


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

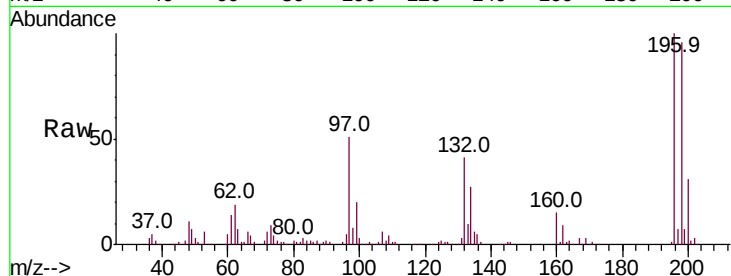




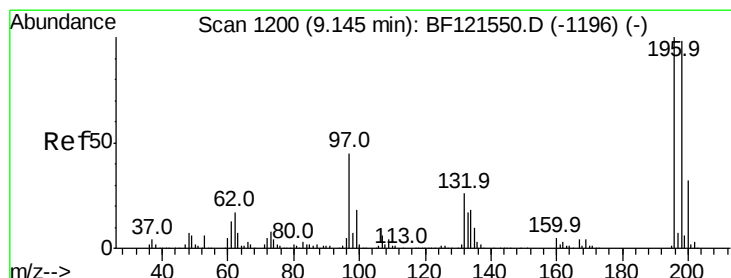
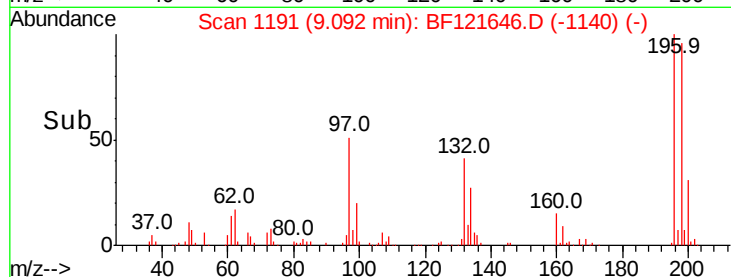
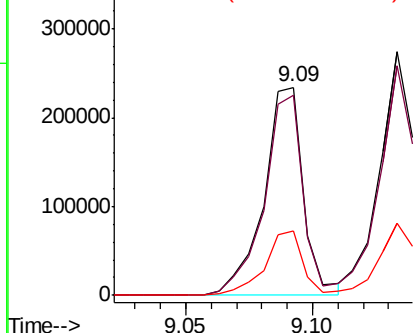
#43
 2,4,6-Trichlorophenol
 Concen: 36.868 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:196 Resp: 256925
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.2
 200 30.8 24.5 36.7

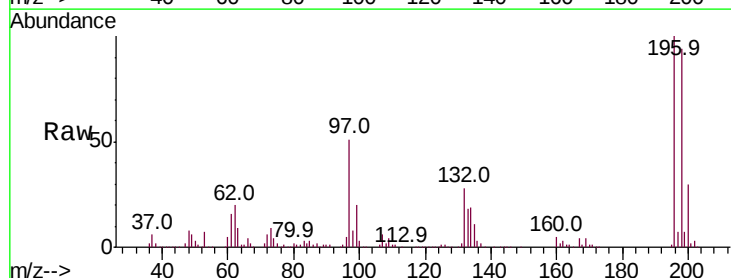


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

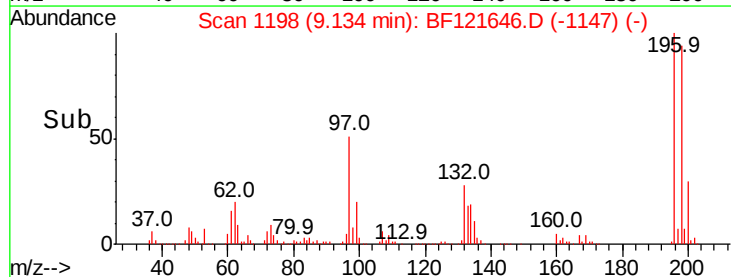
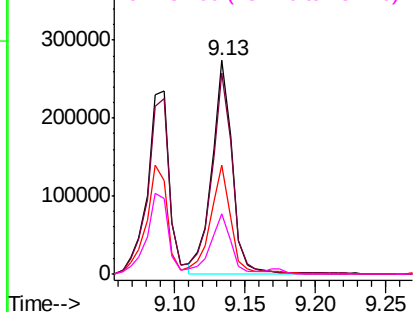


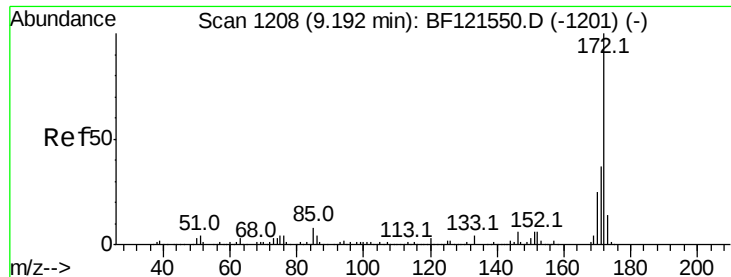
#44
 2,4,5-Trichlorophenol
 Concen: 36.892 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:196 Resp: 271787
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.3 111.5
 97 51.0 44.2 66.2
 132 27.9 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

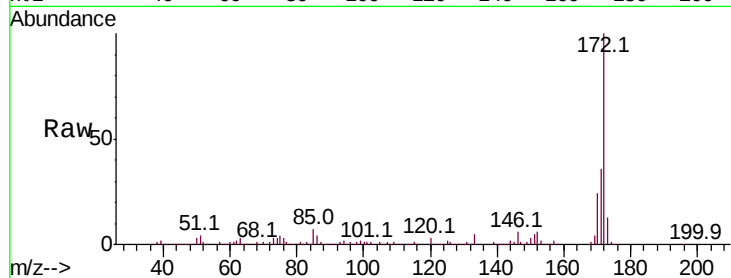




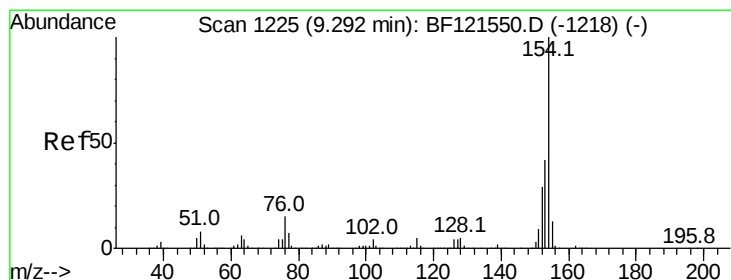
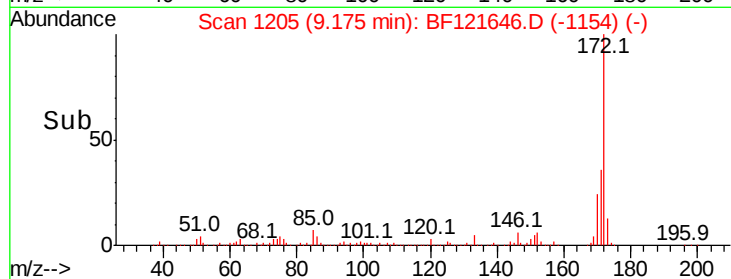
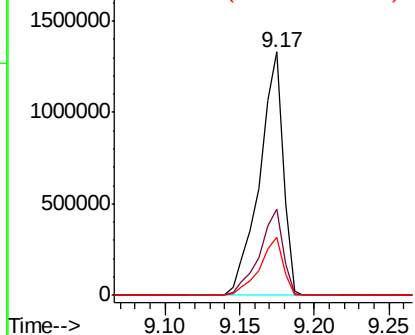
#45
2-Fluorobiphenyl
Concen: 66.924 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:172 Resp: 1446301
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3

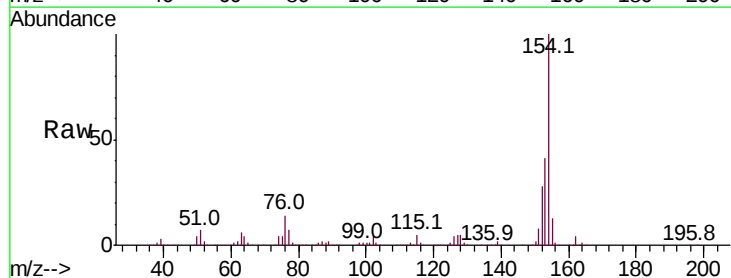


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

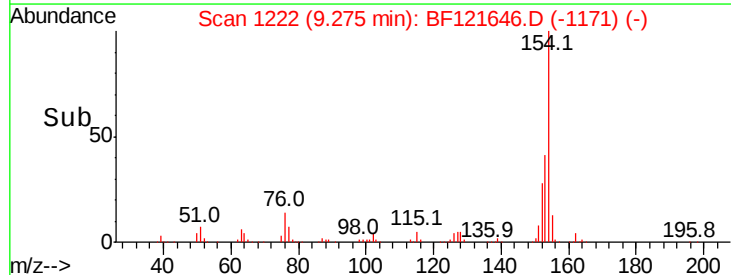
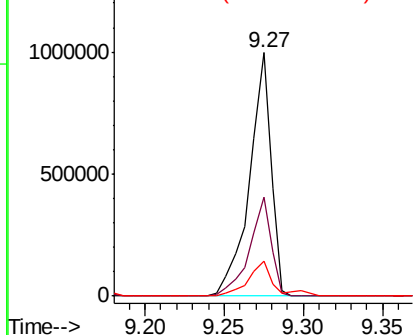


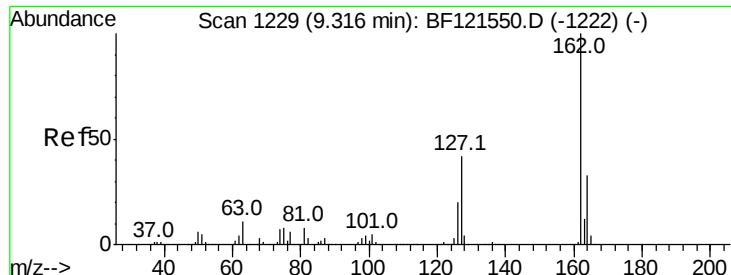
#46
1,1'-Biphenyl
Concen: 35.899 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:154 Resp: 940670
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 14.1 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

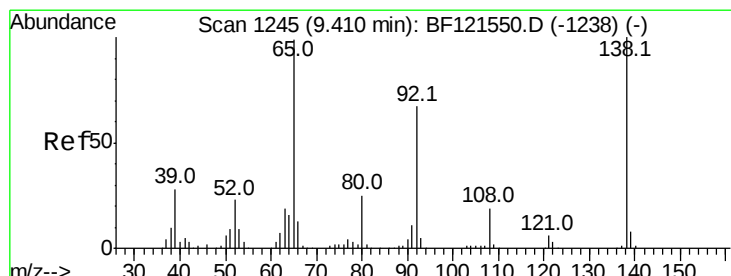
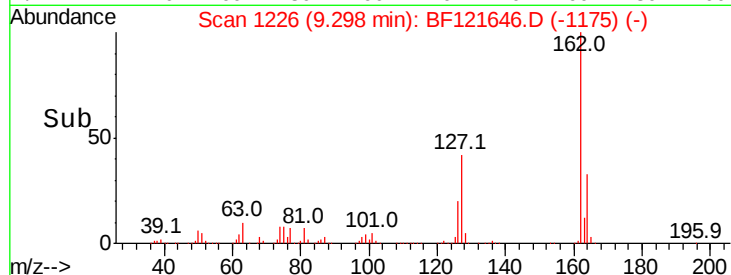
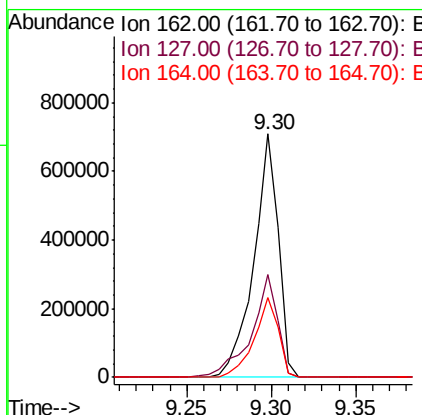
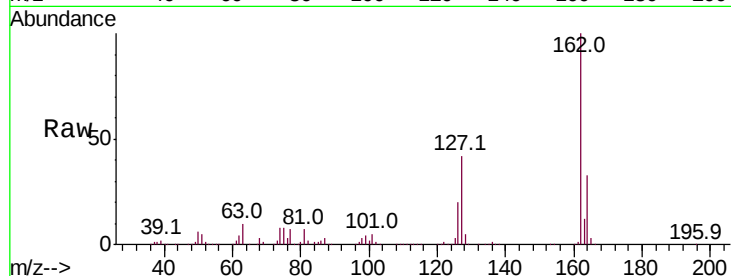




#47
 2-Chloronaphthalene
 Concen: 34.717 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

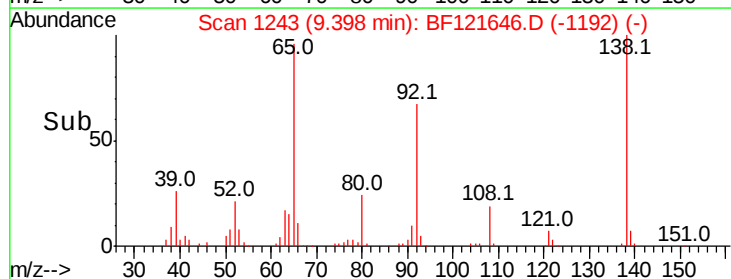
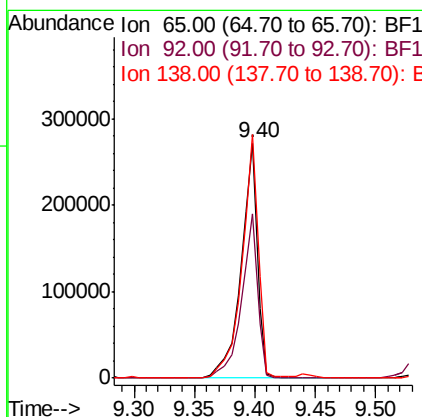
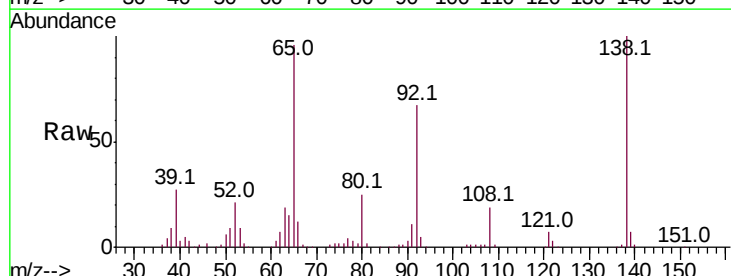
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

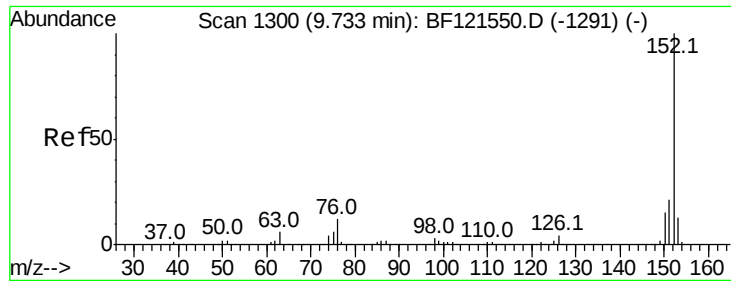
Tot Ion:162	Resp: 716860
Ion Ratio	Lower Upper
162 100	
127 42.3	34.2 51.4
164 32.9	27.0 40.4



#48
 2-Nitroaniline
 Concen: 40.079 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt	Ion: 65	Resp:	257173
Ion	Ratio	Lower	Upper
65	100		
92	69.9	56.0	84.0
138	103.7	84.7	127.1





#49

Acenaphthylene

Concen: 36.365 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

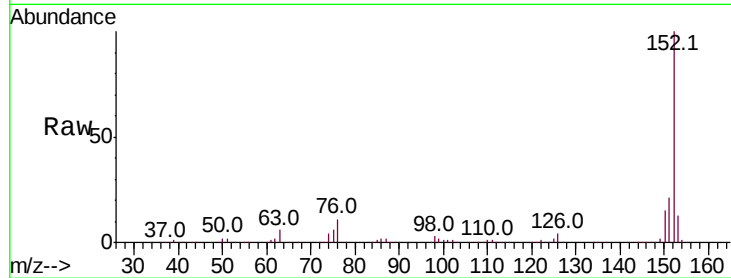
BNA_F

ClientSampleId :

PB131763BS

Tot Ion:152 Resp: 1153719

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1

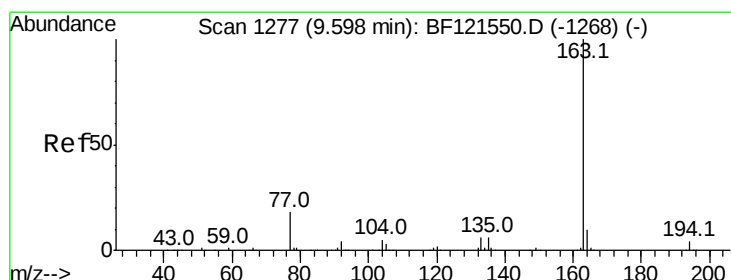
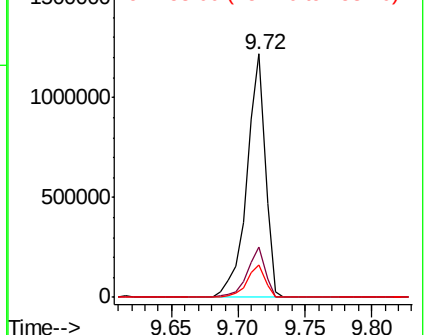
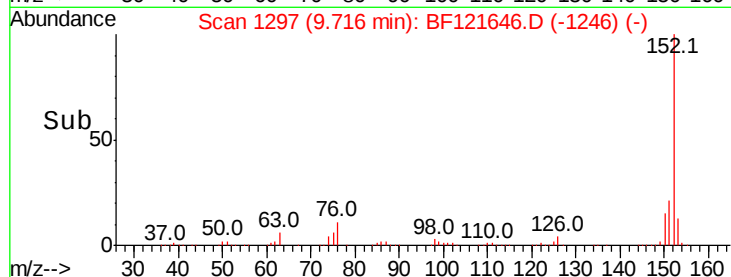


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.098 ng

RT: 9.58 min Scan# 1274

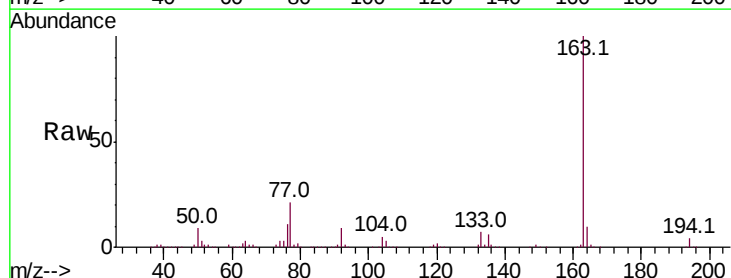
Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Tgt Ion:163 Resp: 880059

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.0	12.0

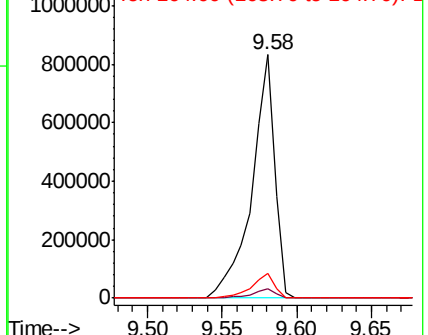
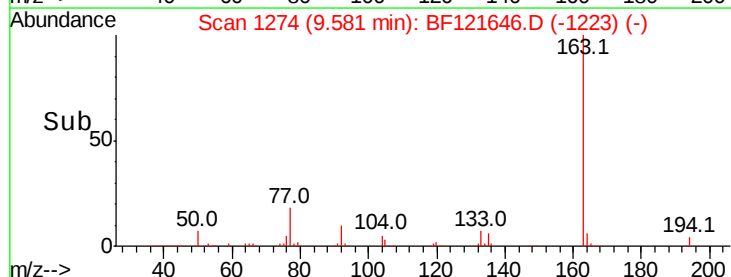


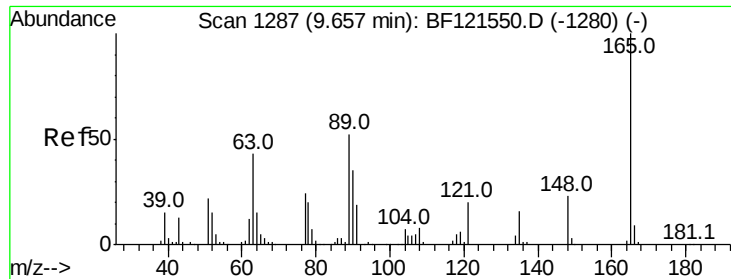
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

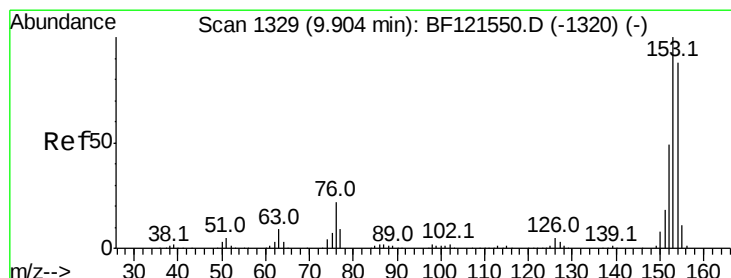
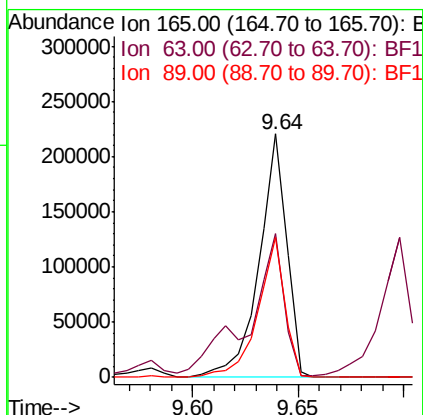
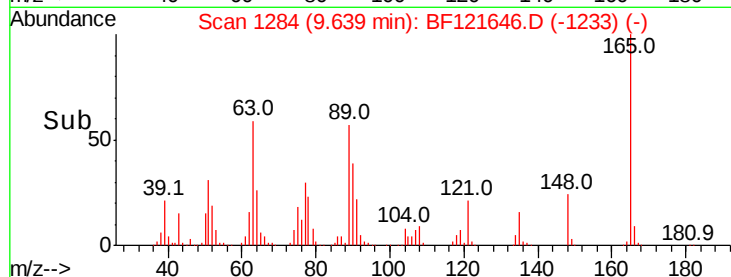
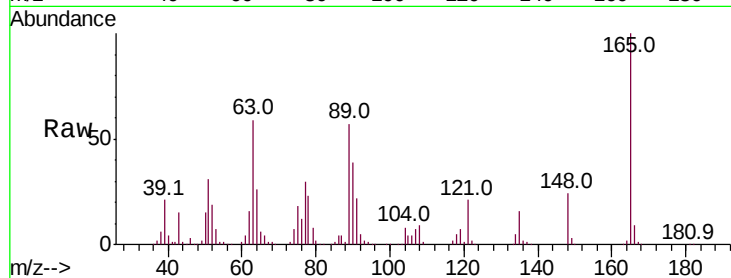




#51
 2,6-Dinitrotoluene
 Concen: 39.808 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

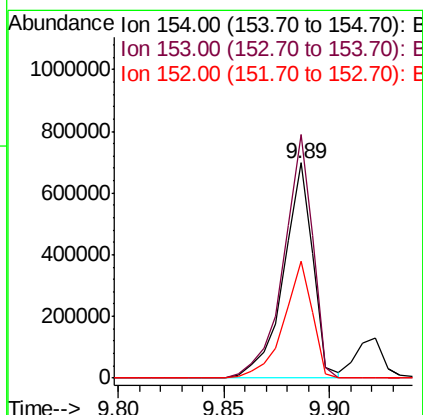
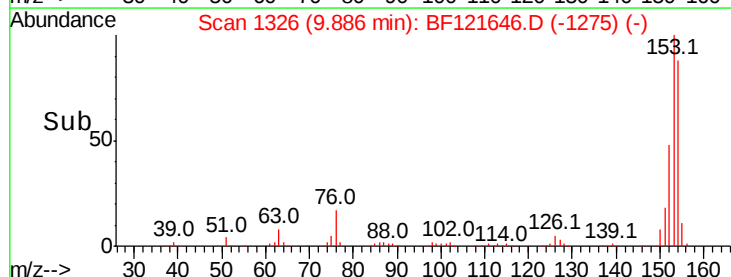
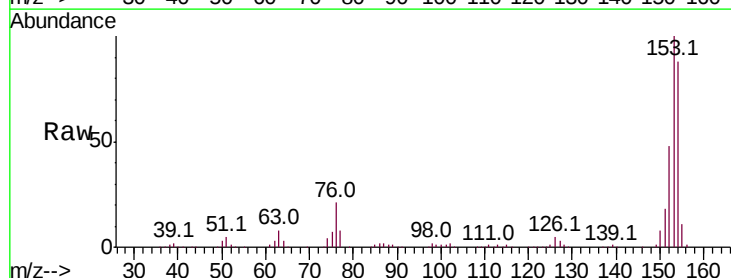
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

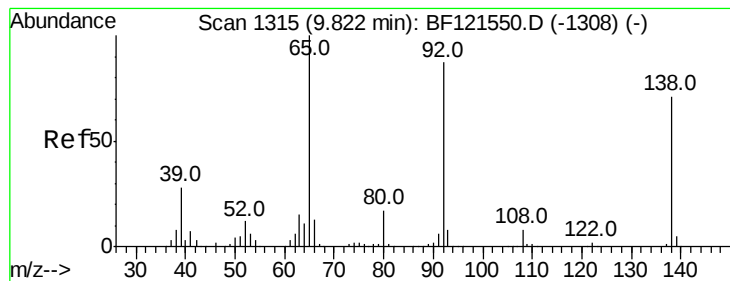
Tot Ion:165 Resp: 201113
 Ion Ratio Lower Upper
 165 100
 63 59.1 47.6 71.4
 89 57.4 46.0 69.0



#52
 Acenaphthene
 Concen: 33.746 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:154 Resp: 676218
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.9 134.9
 152 54.2 43.8 65.6





#53

3-Nitroaniline

Concen: 30.350 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

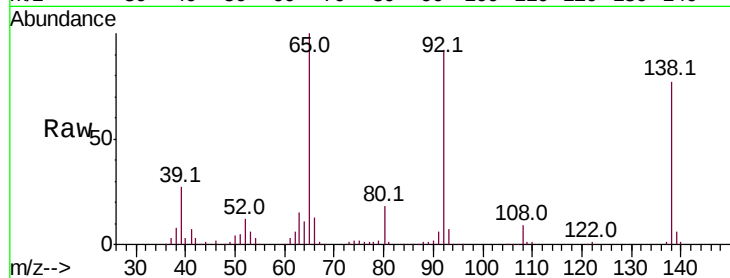
Tot Ion:138 Resp: 177625

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

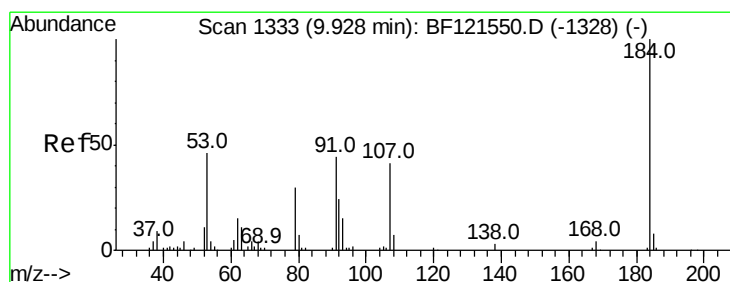
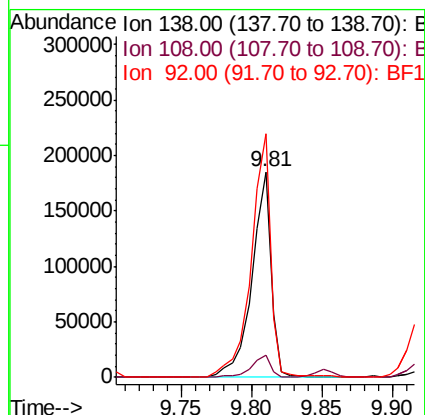
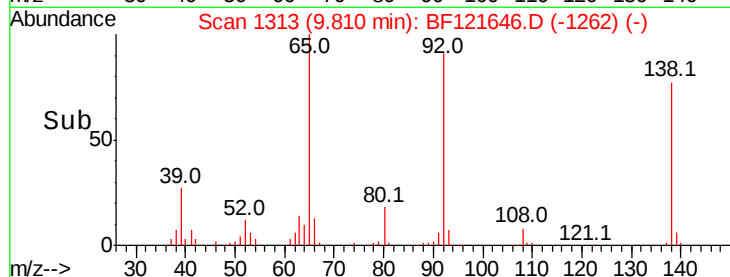
92 118.5 96.5 144.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 77.682 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

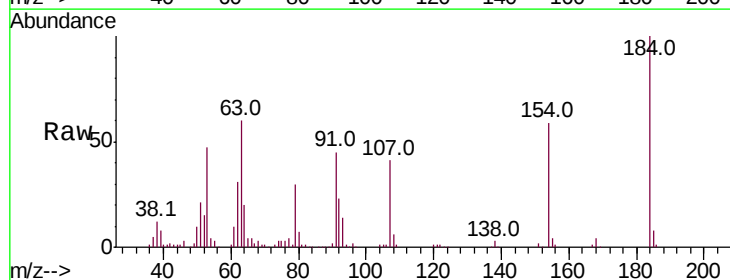
Tgt Ion:184 Resp: 225497

Ion Ratio Lower Upper

184 100

63 59.7 51.5 77.3

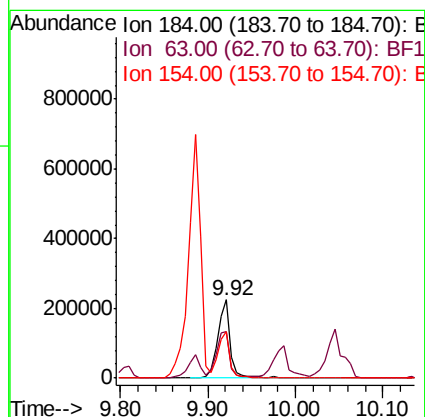
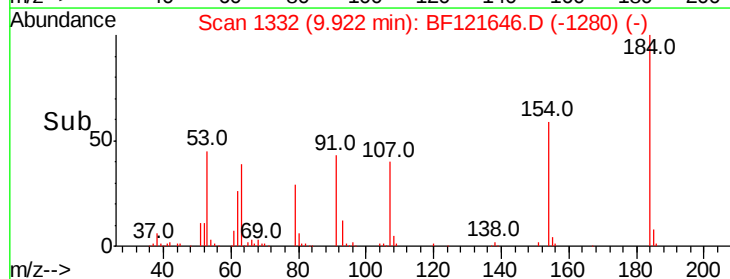
154 58.7 46.6 70.0

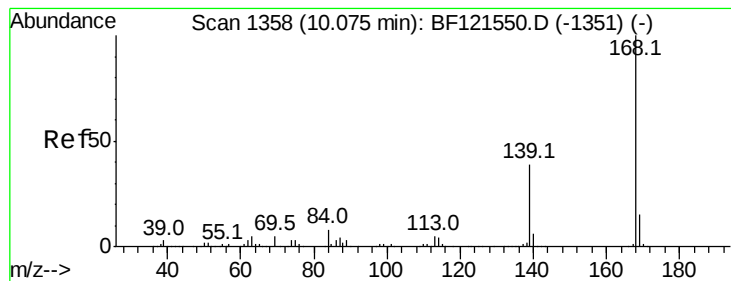


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 35.763 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

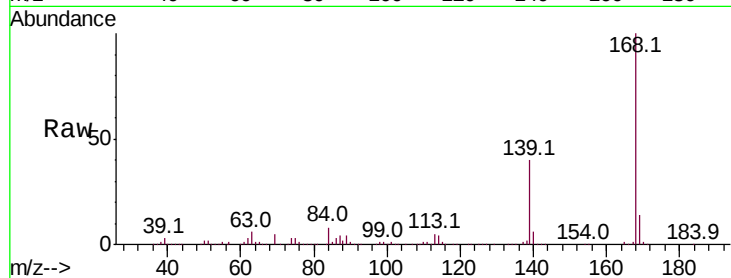
Tot Ion:168 Resp: 1009221

Ion Ratio Lower Upper

168 100

139 39.9 31.8 47.8

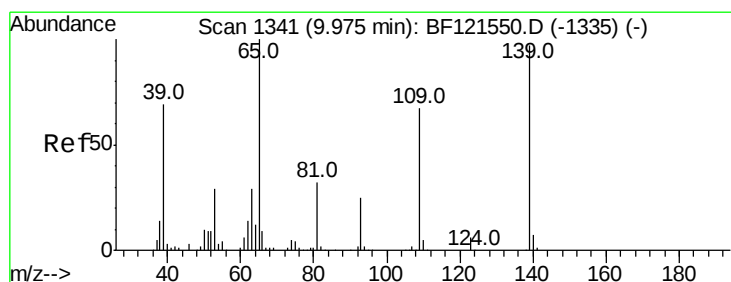
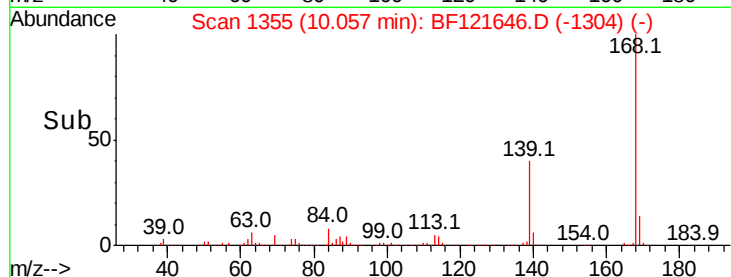
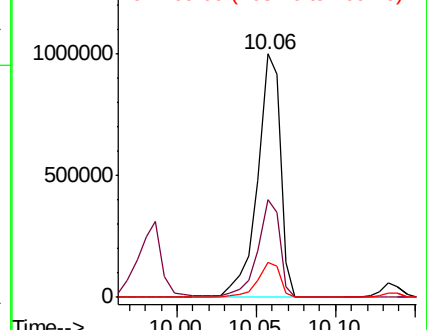
169 14.5 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.453 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

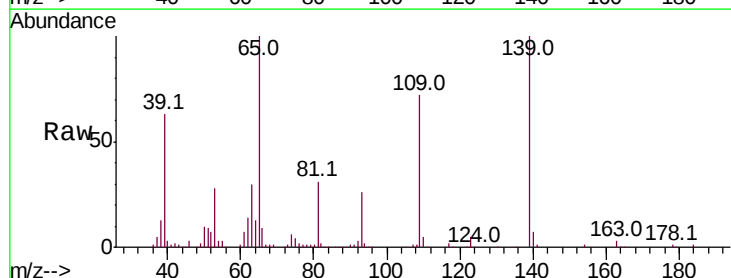
Tgt Ion:139 Resp: 333501

Ion Ratio Lower Upper

139 100

109 72.1 48.1 88.1

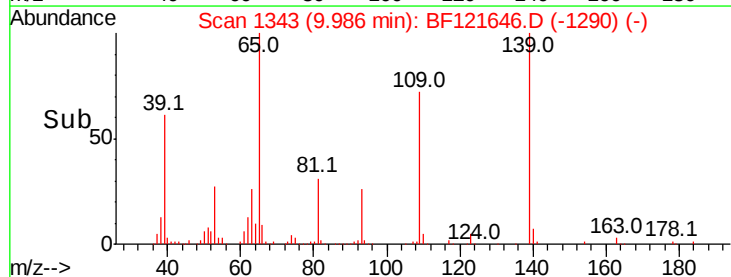
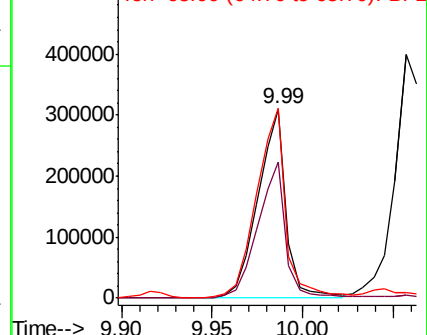
65 100.4 74.7 114.7

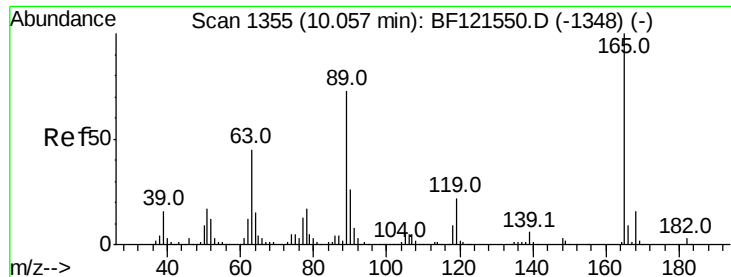


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

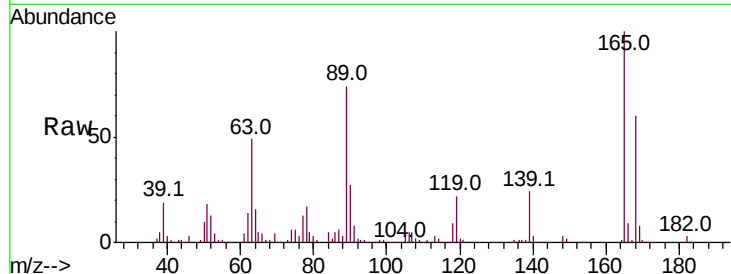




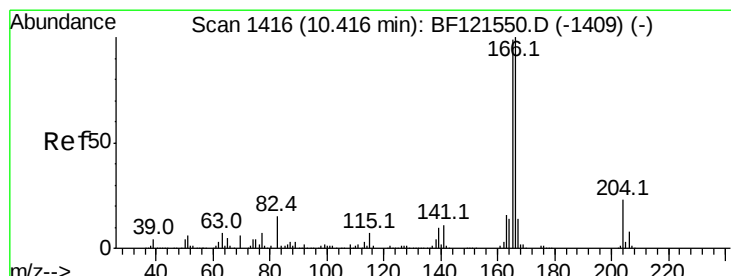
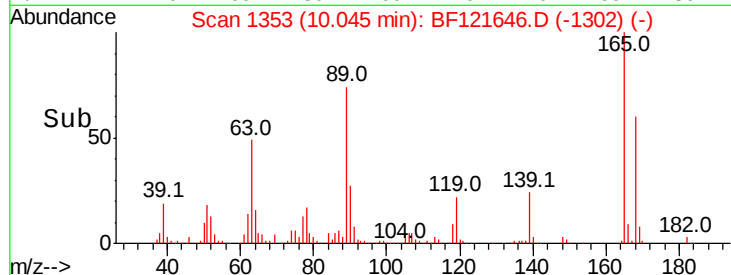
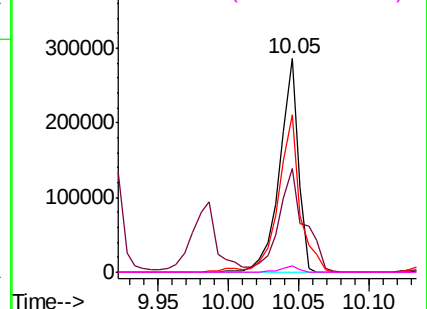
#57
 2,4-Dinitrotoluene
 Concen: 41.983 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:165 Resp: 266841
 Ion Ratio Lower Upper
 165 100
 63 48.8 36.7 55.1
 89 73.7 57.7 86.5
 182 2.8 2.1 3.1

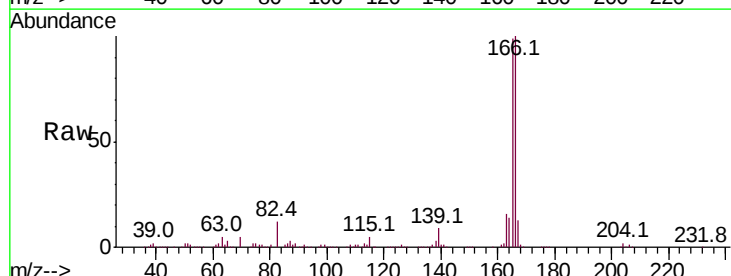


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

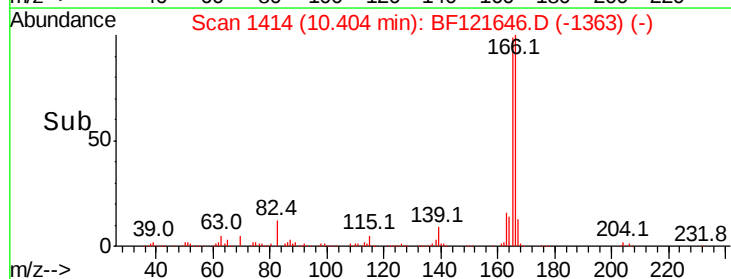
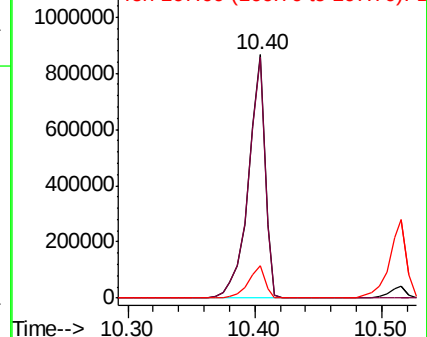


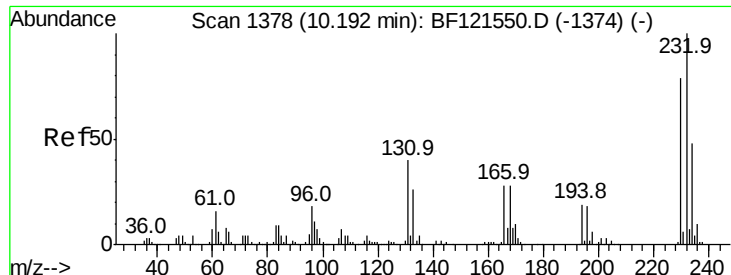
#58
 Fluorene
 Concen: 36.279 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:166 Resp: 782911
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.1 120.1
 167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

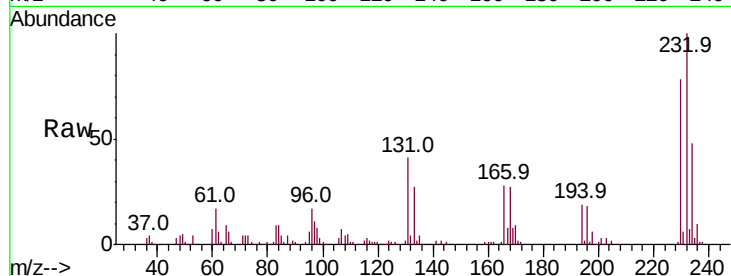




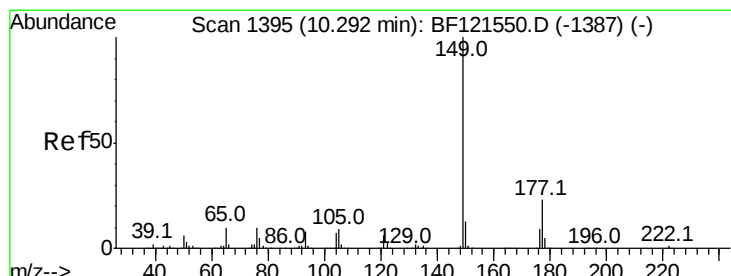
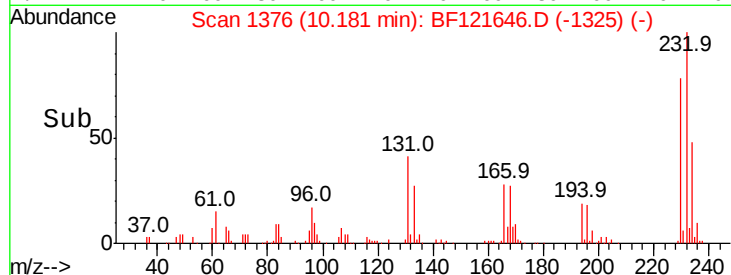
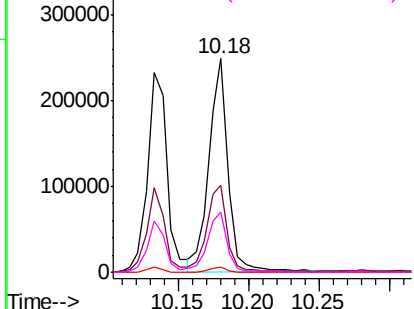
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.899 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:	232	Resp:	232980
Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.1	52.7
130	2.2	1.6	2.4
166	29.5	23.3	34.9

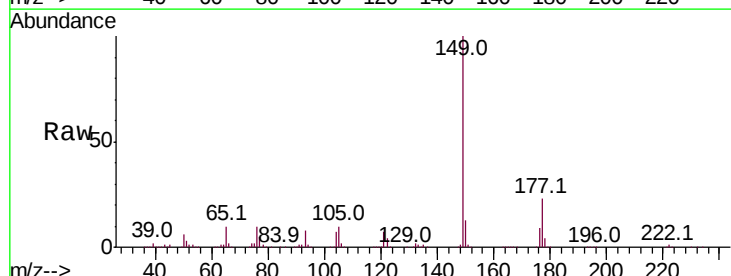


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

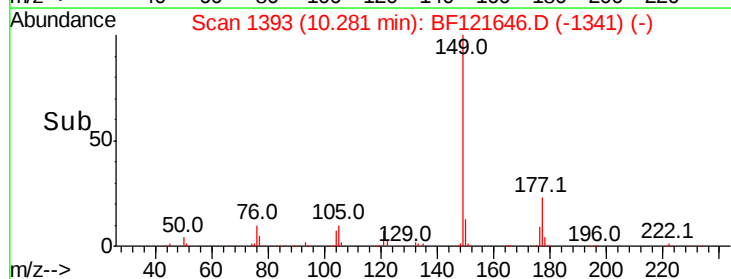
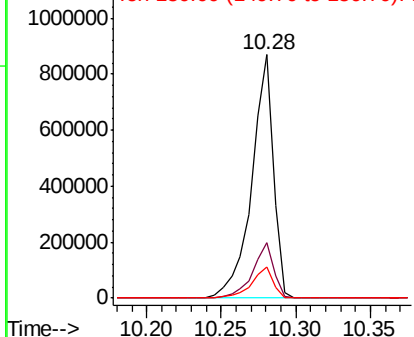


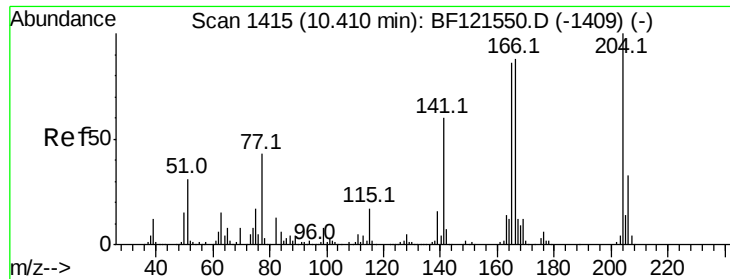
#60
 Diethylphthalate
 Concen: 37.411 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:	149	Resp:	865291
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	13.0	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

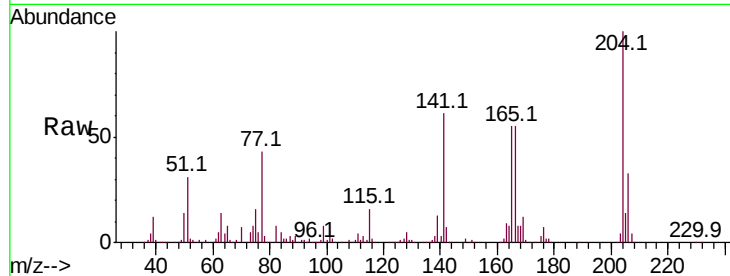




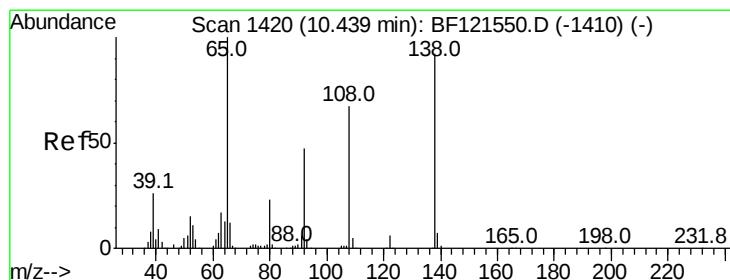
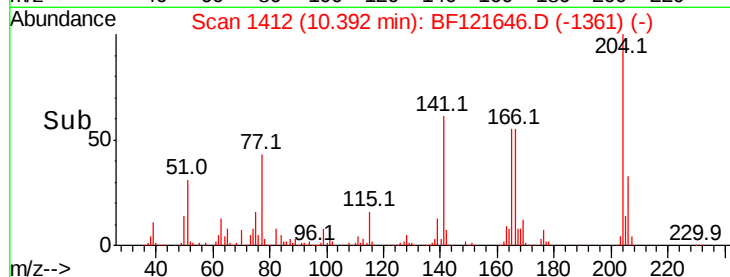
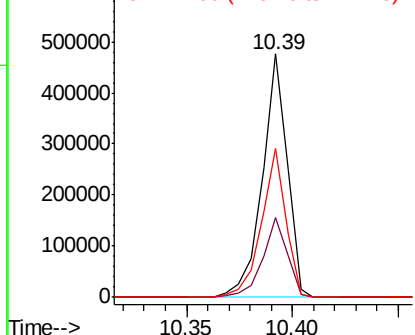
#61
4-Chlorophenyl-phenylether
Concen: 37.726 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:204 Resp: 389999
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.9 50.4 75.6

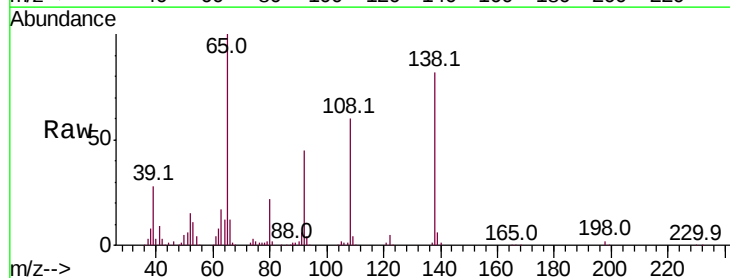


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

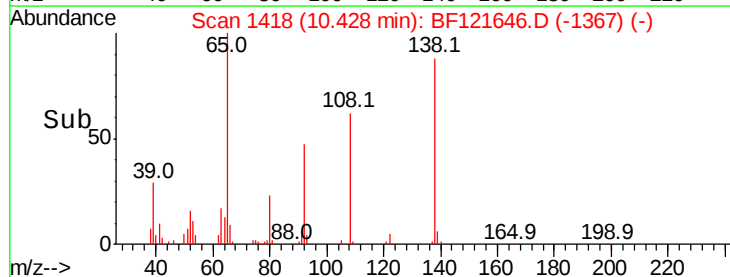
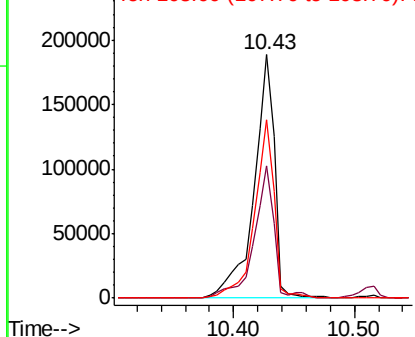


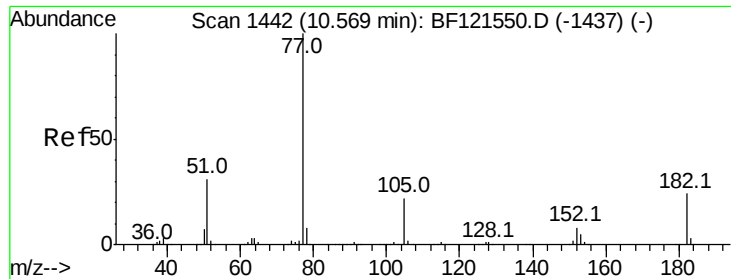
#62
4-Nitroaniline
Concen: 38.566 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:138 Resp: 224108
Ion Ratio Lower Upper
138 100
92 54.1 34.8 74.8
108 73.1 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.841 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

Tot Ion: 77 Resp: 882795

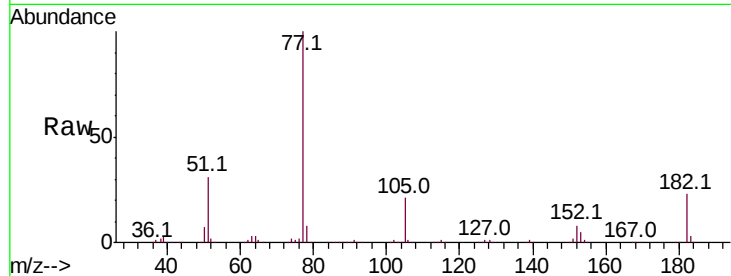
Ion Ratio Lower Upper

77 100

182 23.3 6.8 46.8

105 21.4 2.2 42.2

51 30.7 10.7 50.7

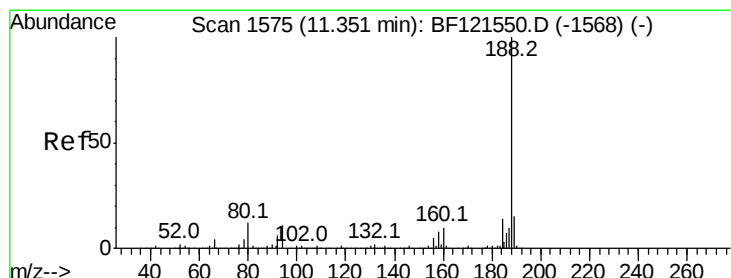
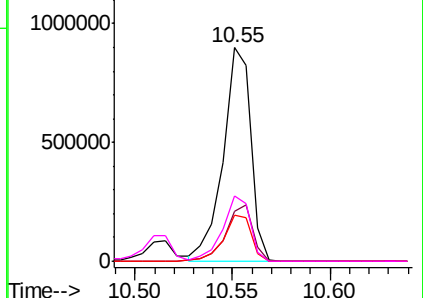
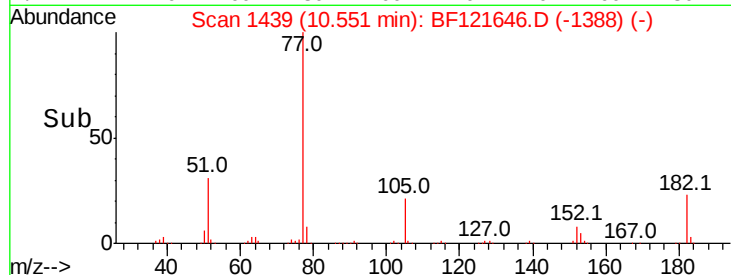


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

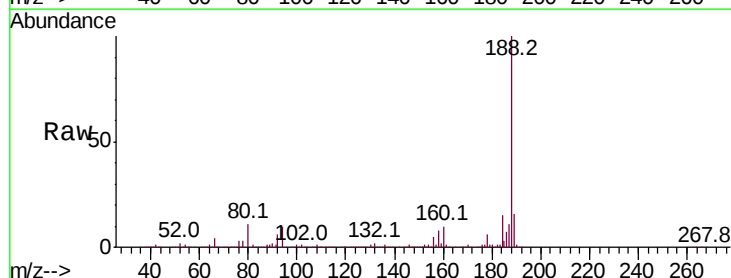
Tgt Ion: 188 Resp: 628365

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

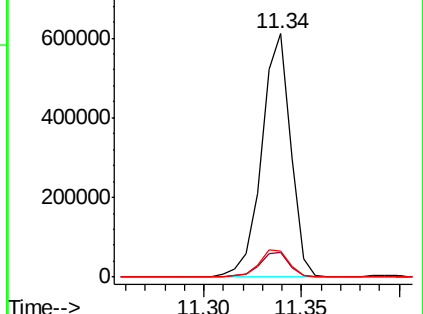
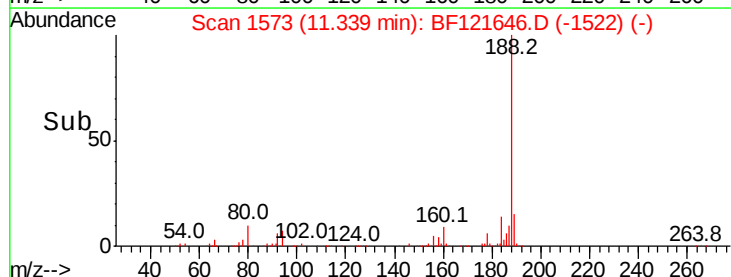
80 10.8 9.0 13.4

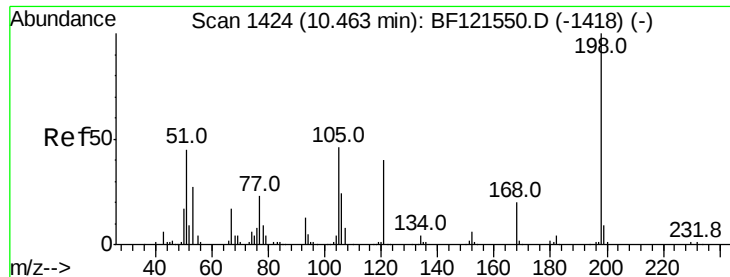


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

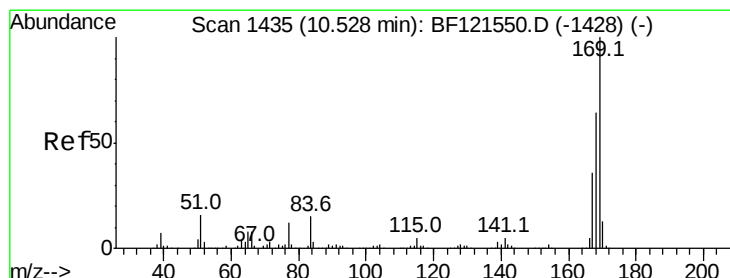
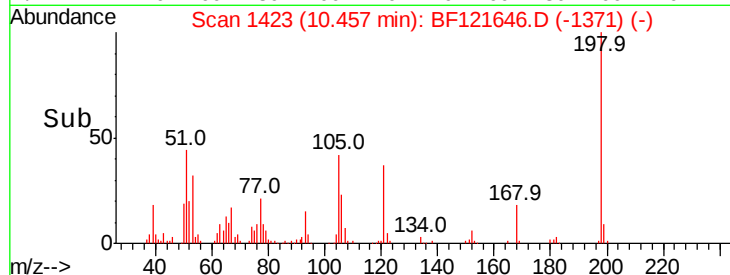
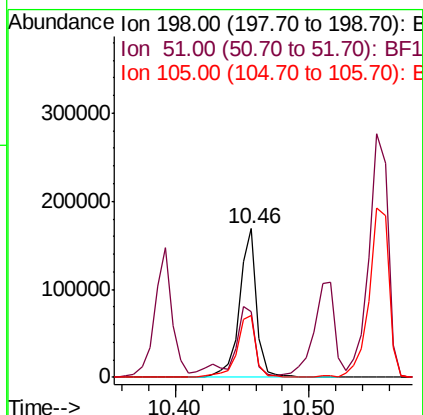
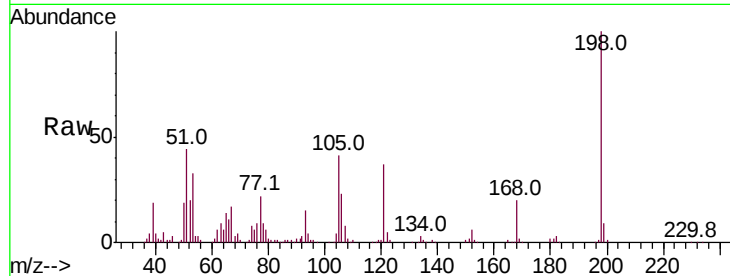




#65
4,6-Dinitro-2-methylphenol
Concen: 40.556 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

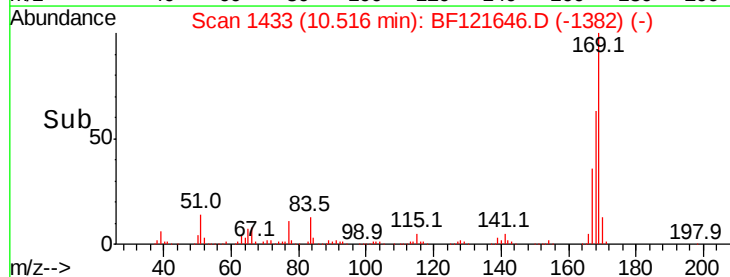
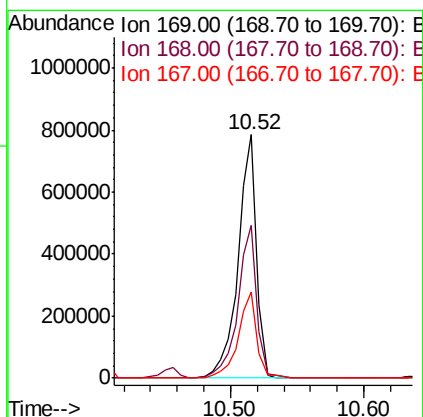
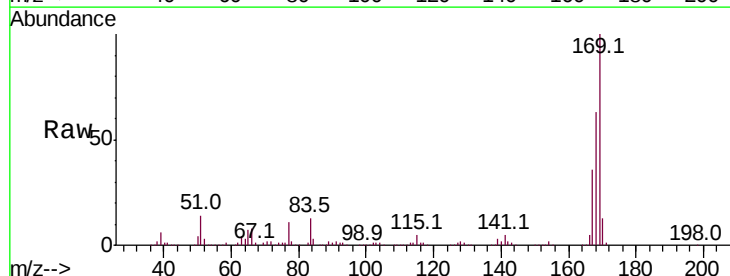
Instrument :
BNA_F
ClientSampleId :
PB131763BS

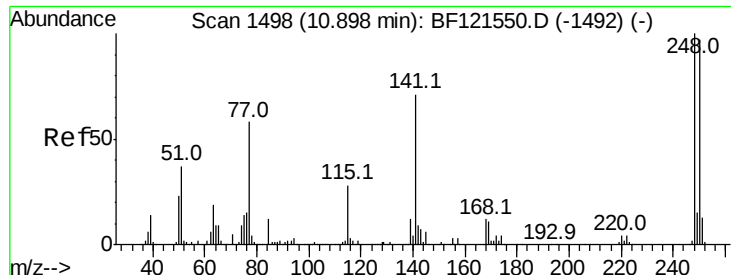
Tot Ion:198 Resp: 151599
Ion Ratio Lower Upper
198 100
51 44.0 20.3 60.3
105 41.5 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 35.153 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:169 Resp: 757812
Ion Ratio Lower Upper
169 100
168 63.0 51.8 77.8
167 35.6 28.4 42.6

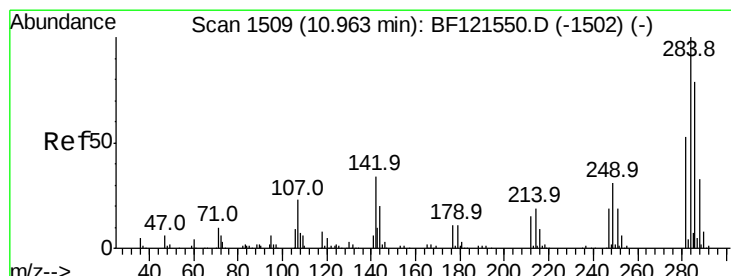
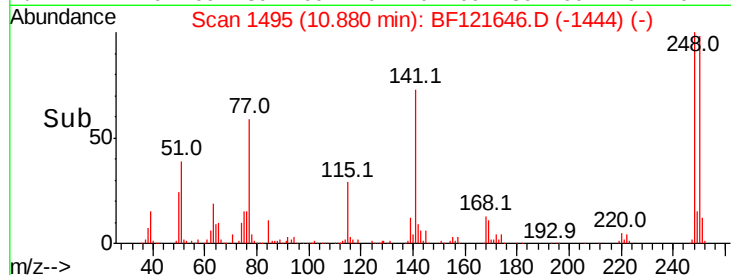
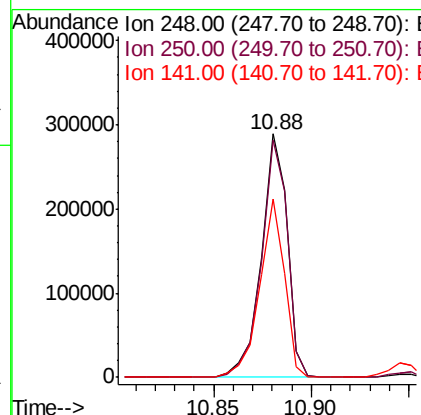
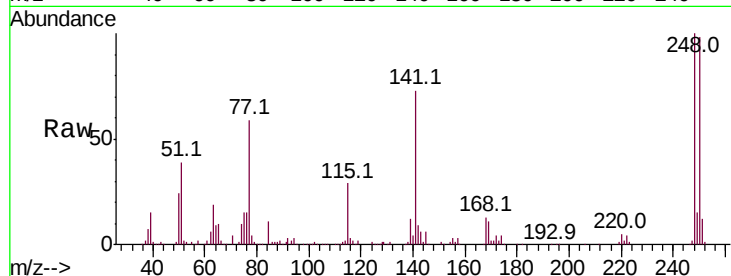




#67
 4-Bromophenyl-phenylether
 Concen: 37.126 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

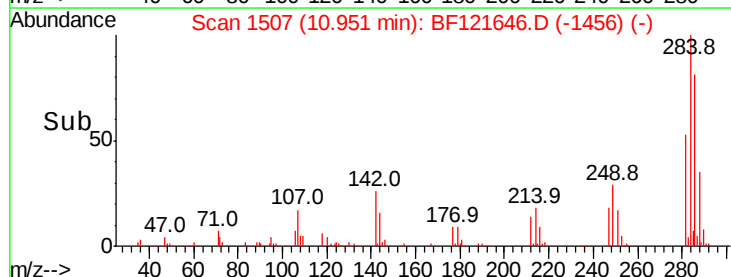
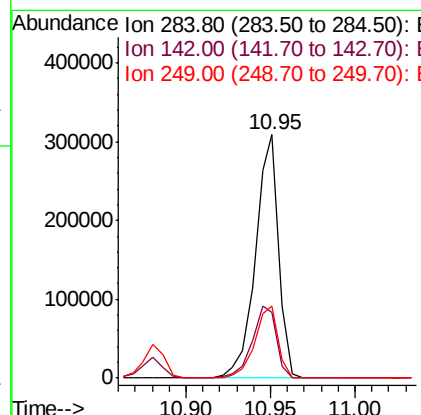
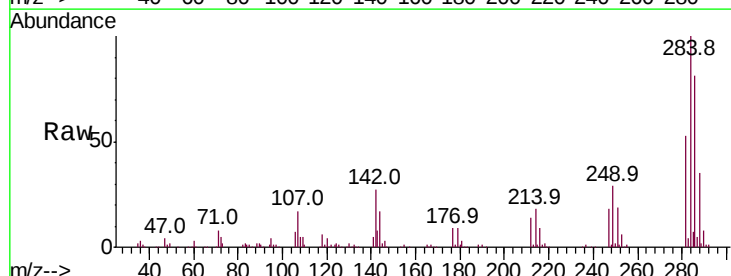
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

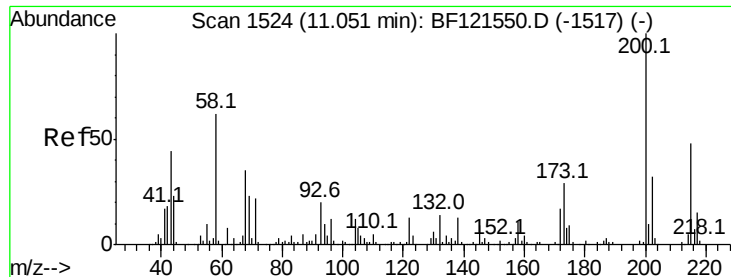
Tot Ion:	248	Resp:	265609
Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.0
141	73.0	52.2	78.4



#68
 Hexachlorobenzene
 Concen: 36.671 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:	284	Resp:	296072
Ion	Ratio	Lower	Upper
284	100		
142	27.0	24.0	36.0
249	29.4	23.9	35.9

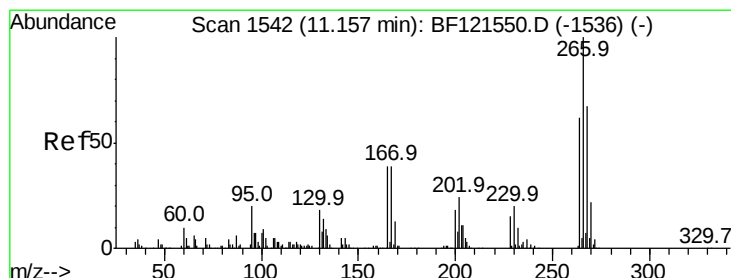
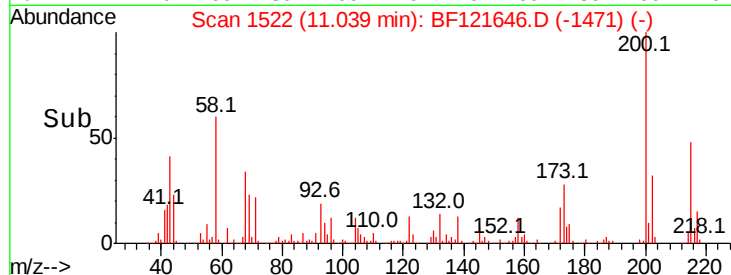
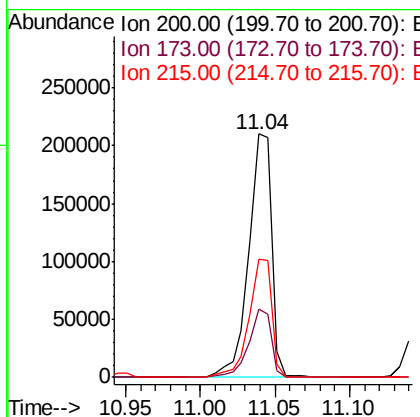
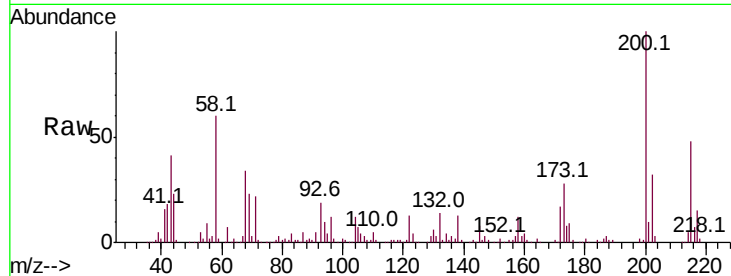




#69
Atrazine
Concen: 41.514 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

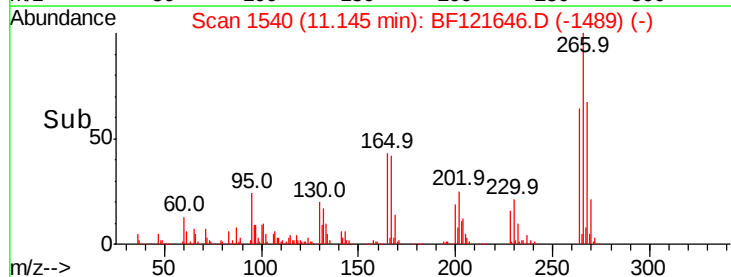
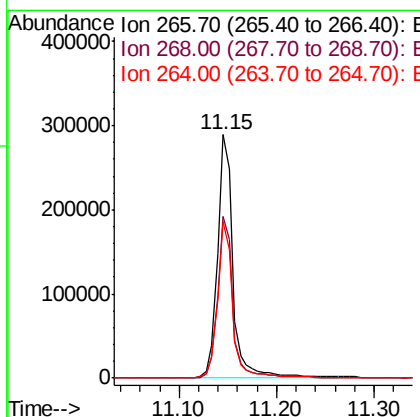
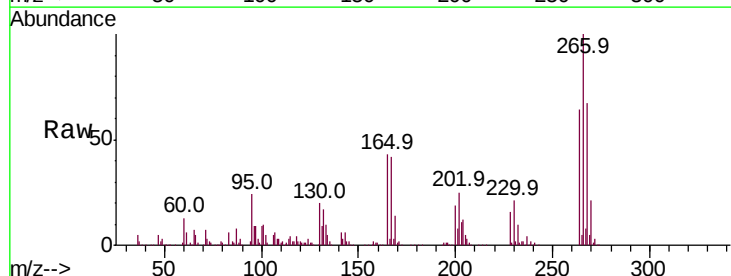
Instrument :
BNA_F
ClientSampleId :
PB131763BS

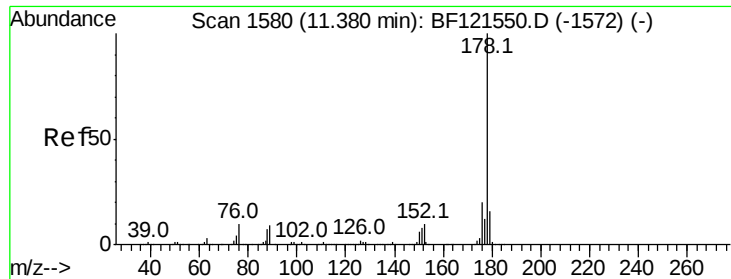
Tot Ion:200 Resp: 222342
Ion Ratio Lower Upper
200 100
173 28.2 6.0 46.0
215 48.4 28.4 68.4



#70
Pentachlorophenol
Concen: 72.121 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:266 Resp: 319783
Ion Ratio Lower Upper
266 100
268 66.6 54.6 81.8
264 64.2 51.1 76.7

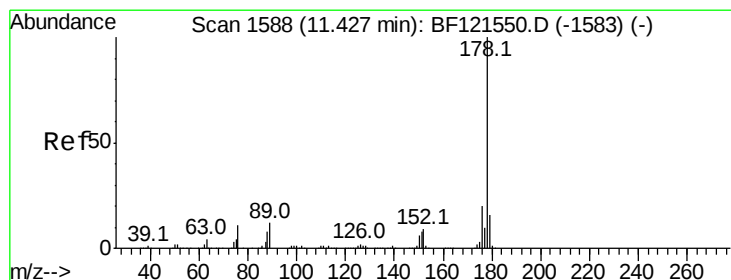
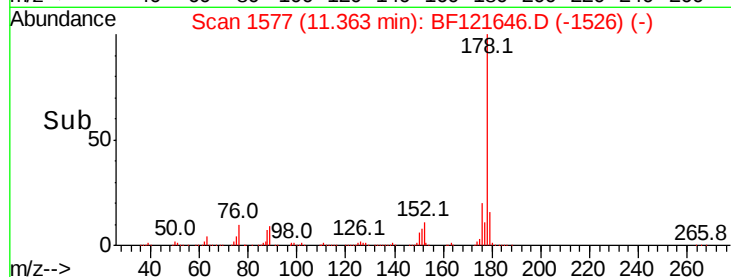
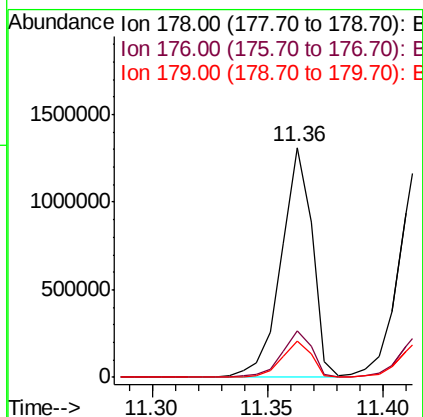
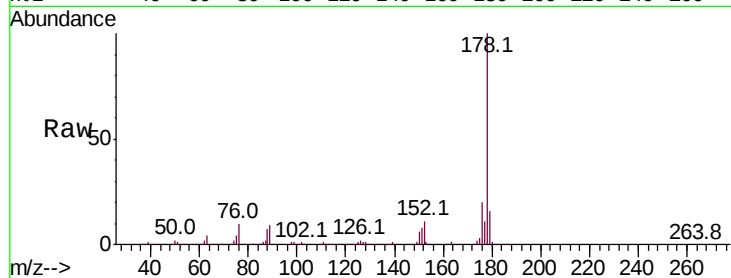




#71
Phenanthrene
Concen: 35.618 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

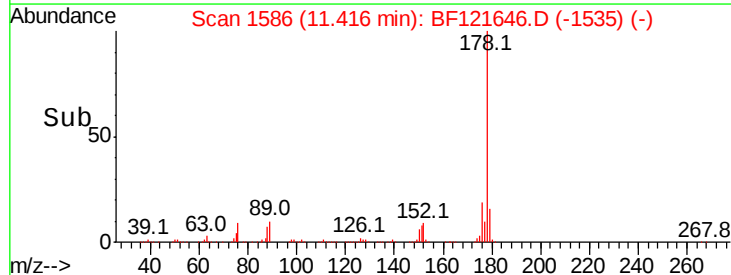
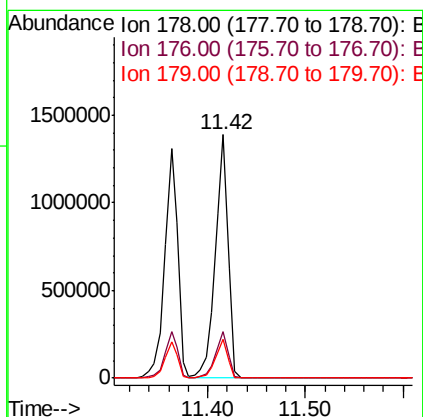
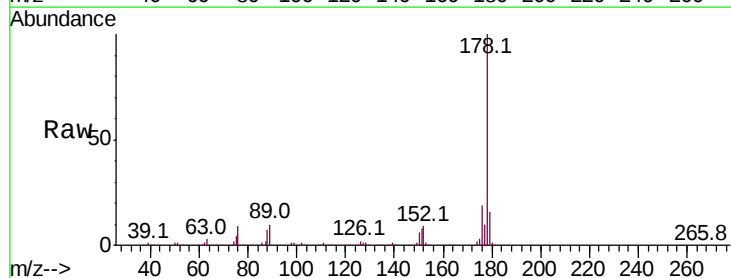
Instrument :
BNA_F
ClientSampleId :
PB131763BS

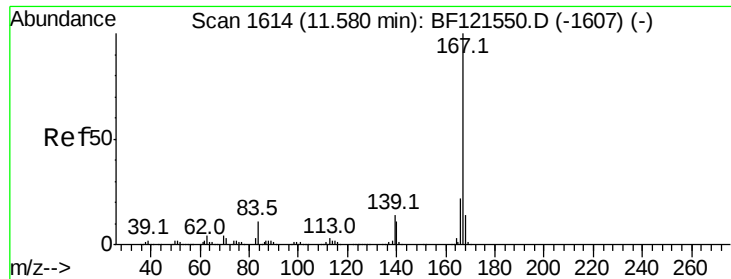
Tot Ion:178 Resp: 1219428
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 12.6 18.8



#72
Anthracene
Concen: 35.610 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:178 Resp: 1258118
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.6 19.0

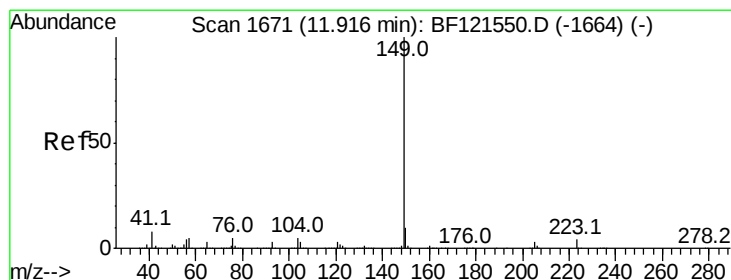
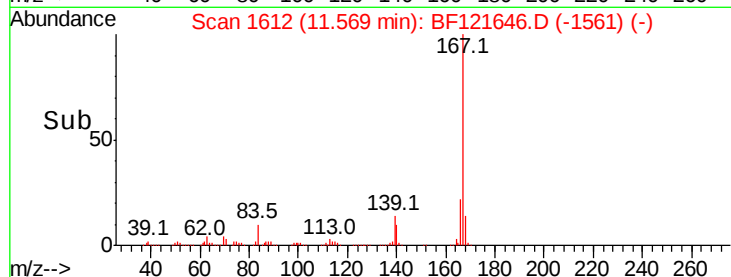
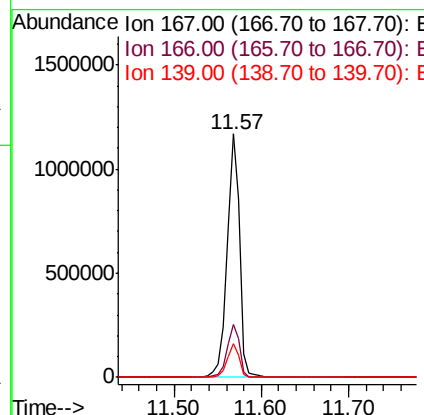
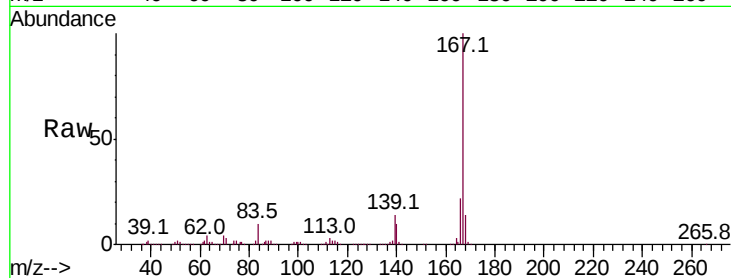




#73
 Carbazole
 Concen: 36.123 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

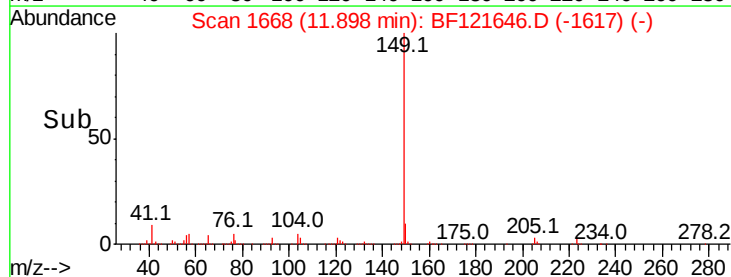
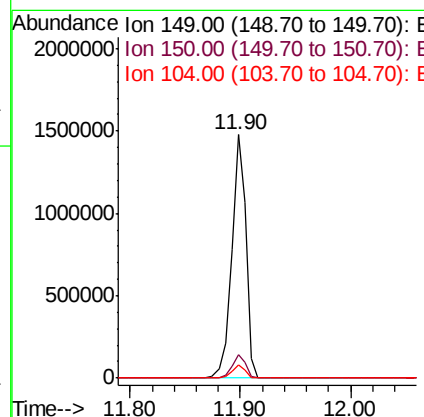
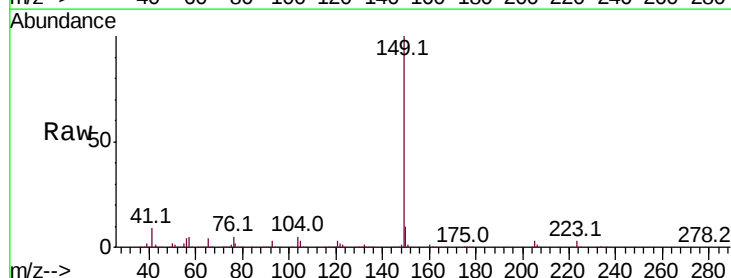
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

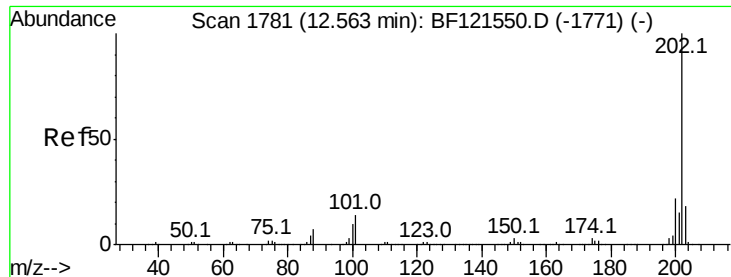
Tot Ion:167 Resp: 1151674
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 35.843 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:149 Resp: 1318913
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.3 4.2 6.2

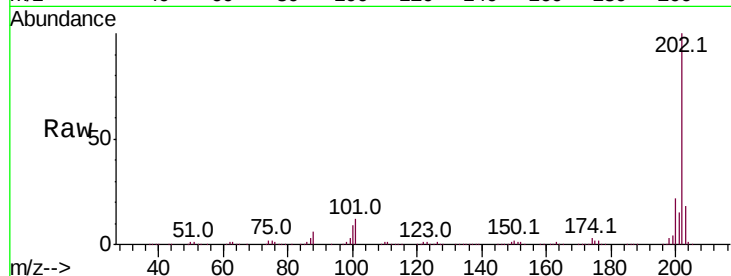




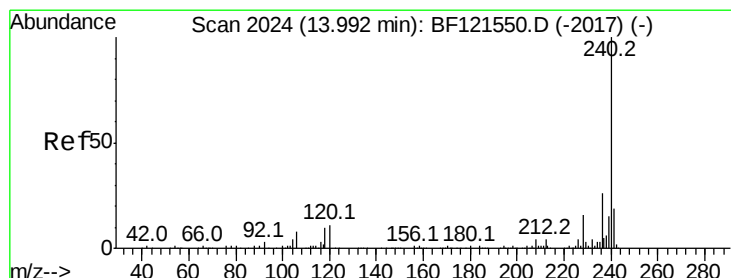
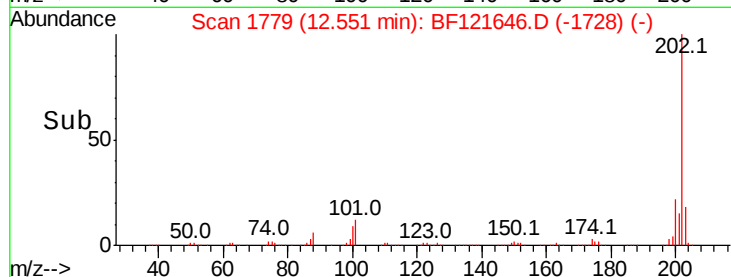
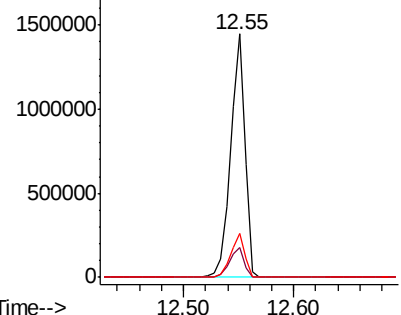
#75
 Fluoranthene
 Concen: 36.268 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion:202 Resp: 1325473
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.9
 203 18.1 0.0 37.8

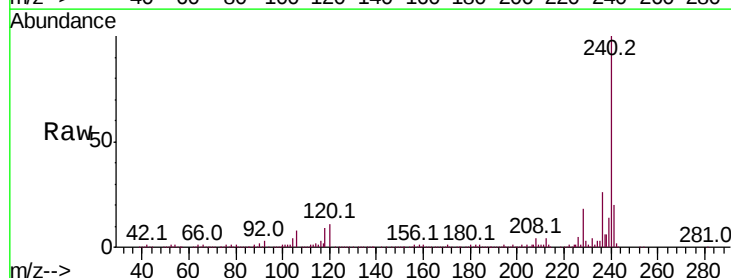


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

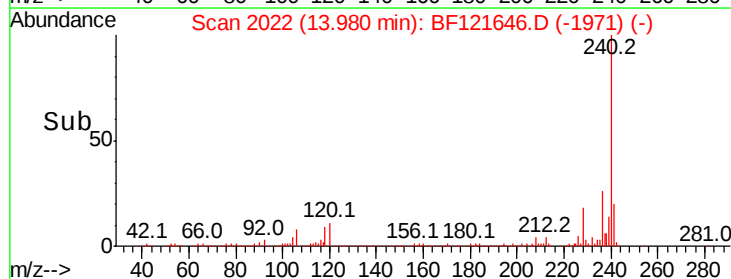
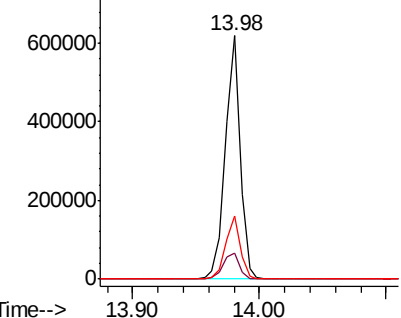


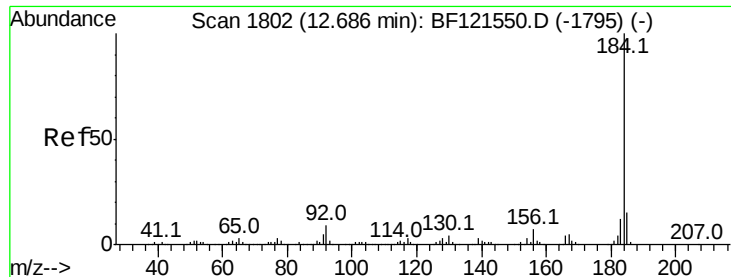
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion:240 Resp: 496641
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 25.9 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 800000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.171 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

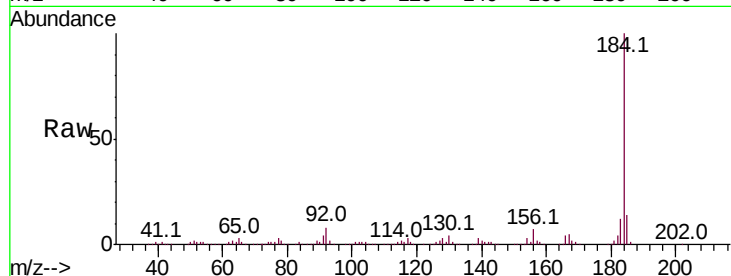
Tot Ion:184 Resp: 710796

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

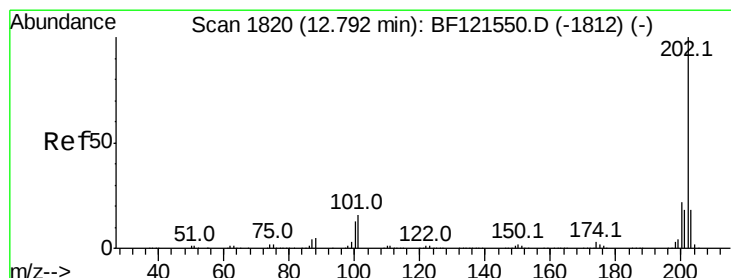
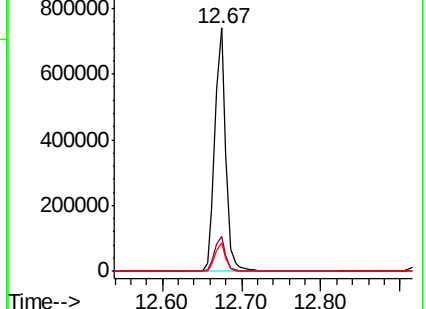
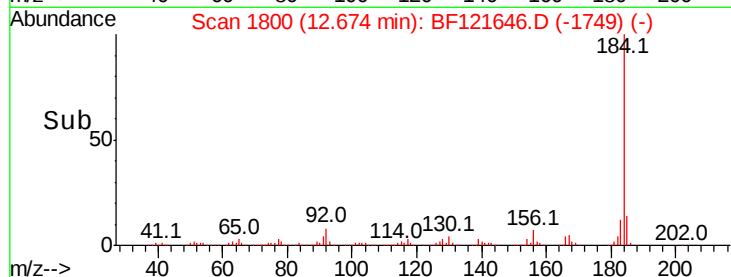
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.556 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

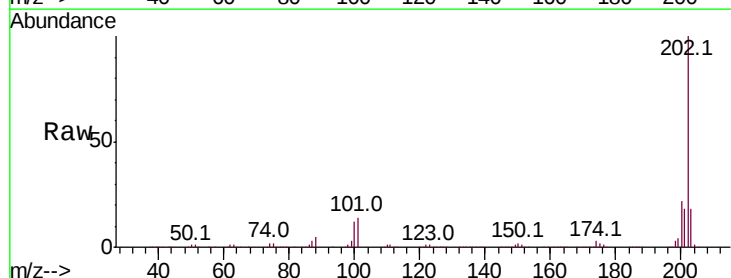
Tgt Ion:202 Resp: 1362743

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

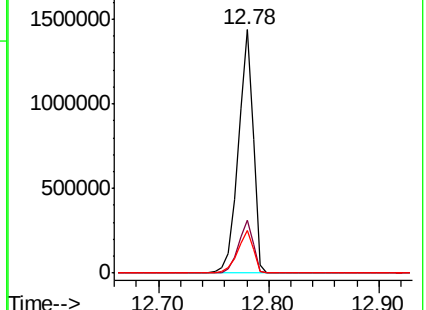
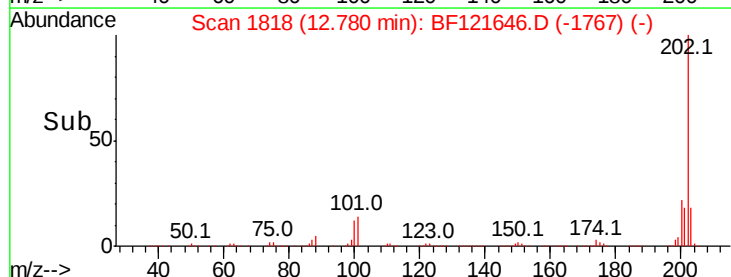
203 17.5 14.4 21.6

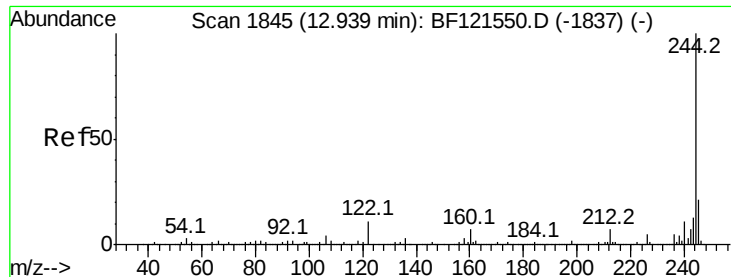


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.848 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

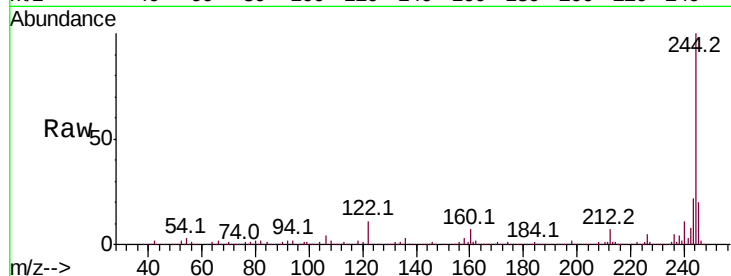
Tot Ion:244 Resp: 1614242

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

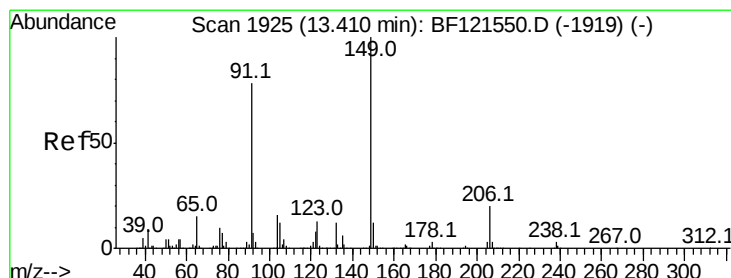
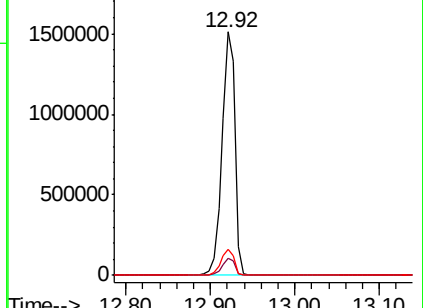
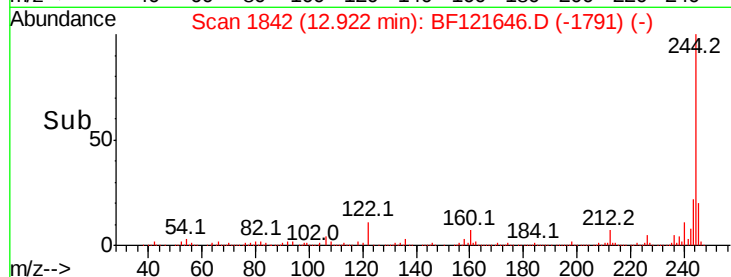
122 10.9 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.973 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

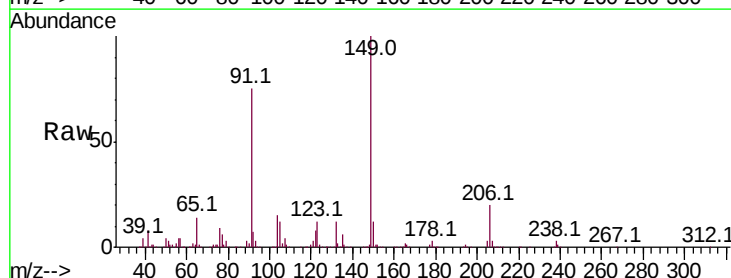
Tgt Ion:149 Resp: 557257

Ion Ratio Lower Upper

149 100

91 74.7 61.0 91.4

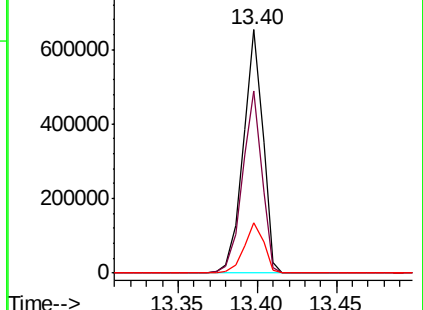
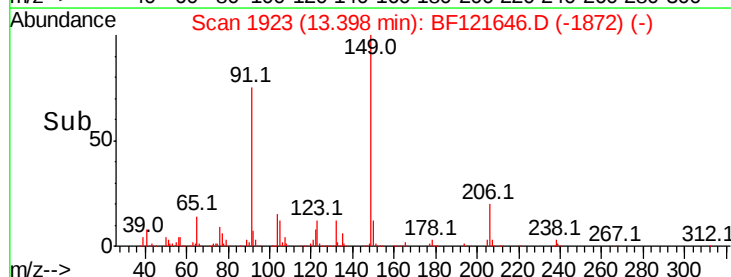
206 20.5 16.6 25.0

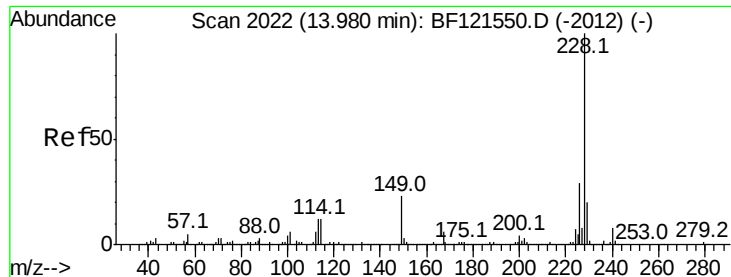


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.360 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

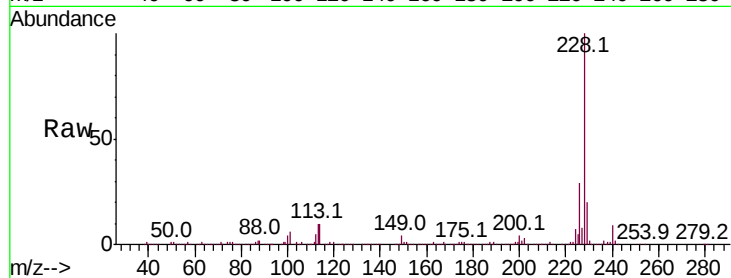
Tot Ion:228 Resp: 1173851

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.0	16.2	24.2

228 100

226 28.7 22.6 33.8

229 20.0 16.2 24.2

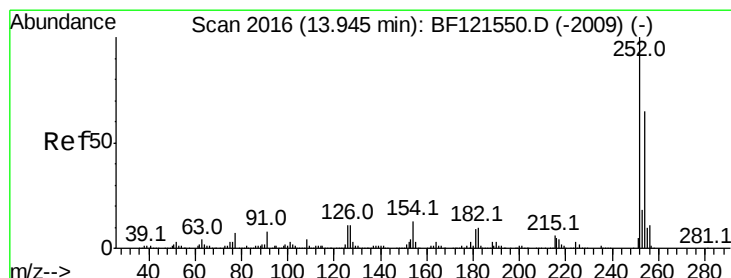
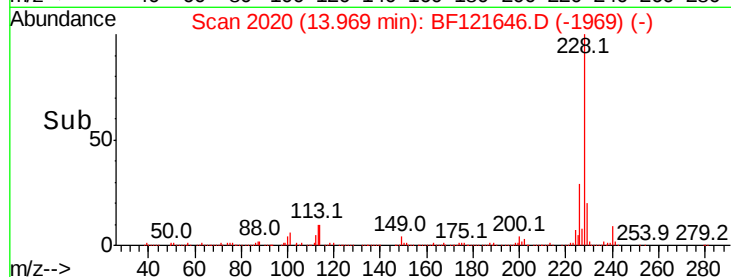
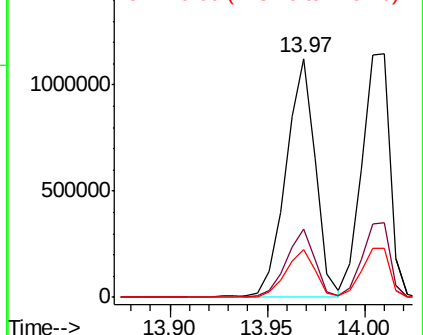


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.837 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

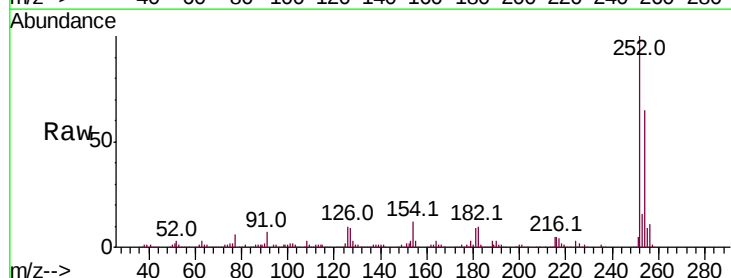
Tgt Ion:252 Resp: 365993

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.4
126	10.0	8.6	13.0

252 100

254 64.8 51.0 76.4

126 10.0 8.6 13.0

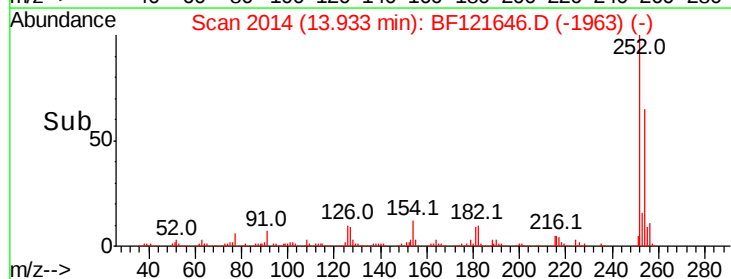
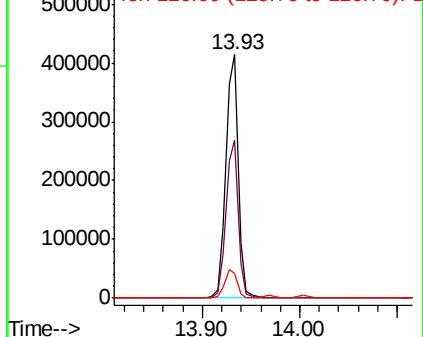


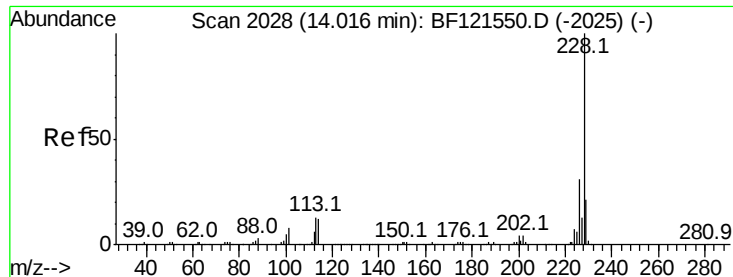
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.128 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

Instrument :

BNA_F

ClientSampleId :

PB131763BS

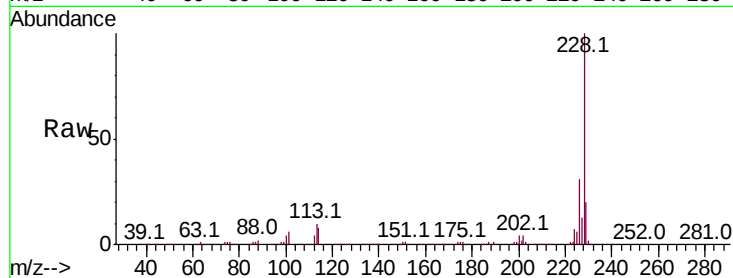
Tot Ion:228 Resp: 1149470

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.0	16.0	24.0

228 100

226 30.9 25.0 37.4

229 20.0 16.0 24.0

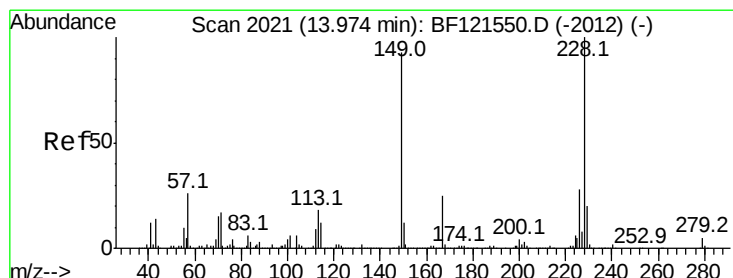
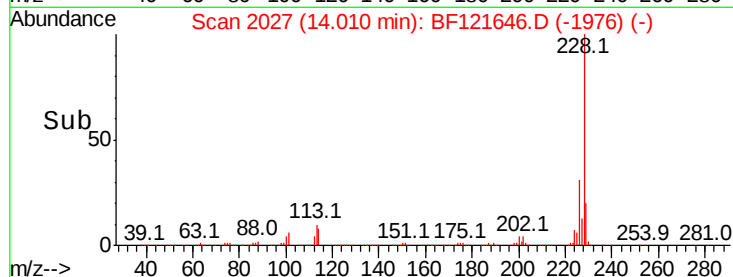
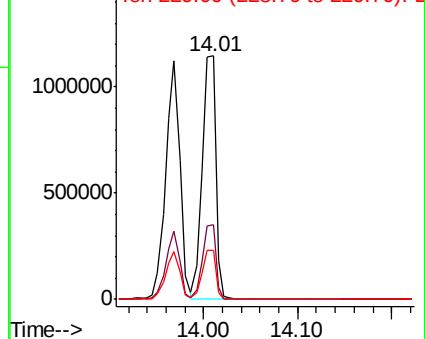


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.926 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121646.D

Acq: 22 Sep 2020 18:18

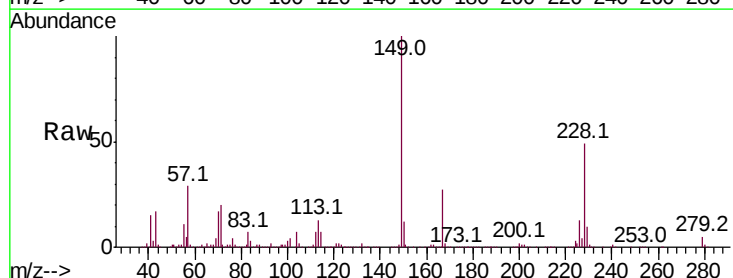
Tgt Ion:149 Resp: 704334

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.6	3.4	5.0

149 100

167 26.7 21.3 31.9

279 4.6 3.4 5.0

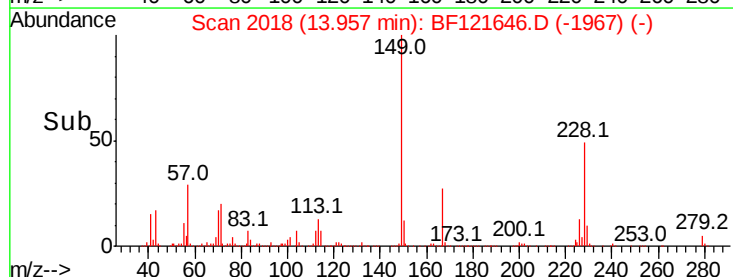
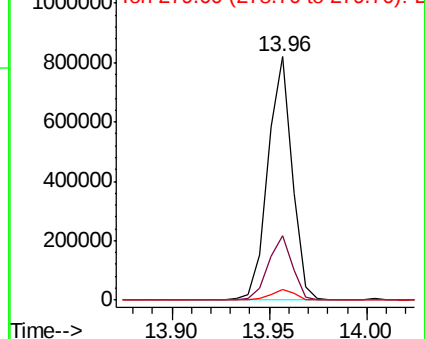


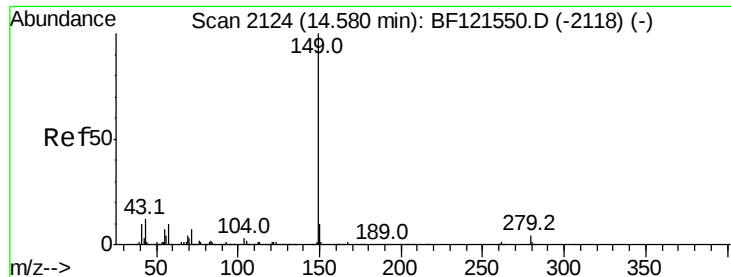
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

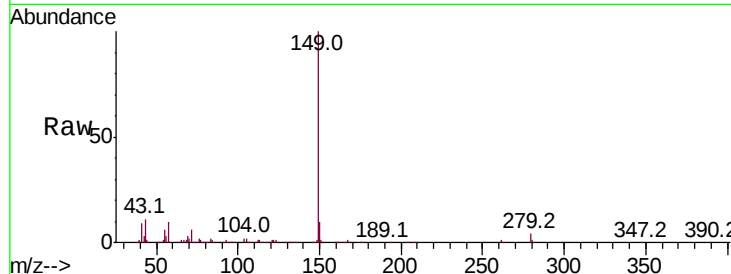




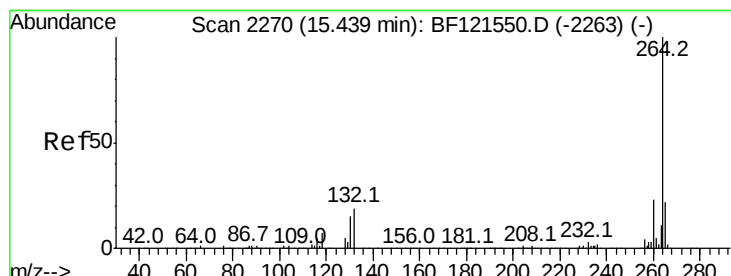
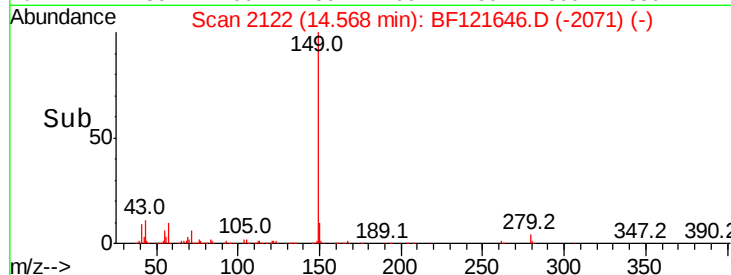
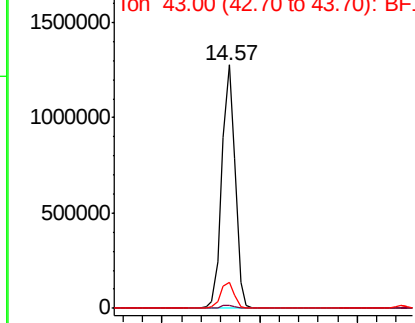
#85
Di-n-octyl phthalate
Concen: 34.816 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion:149 Resp: 1204584
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4

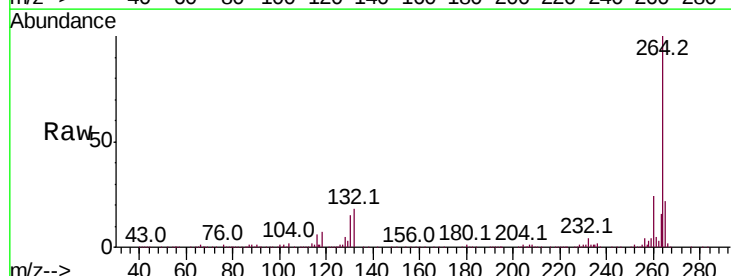


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

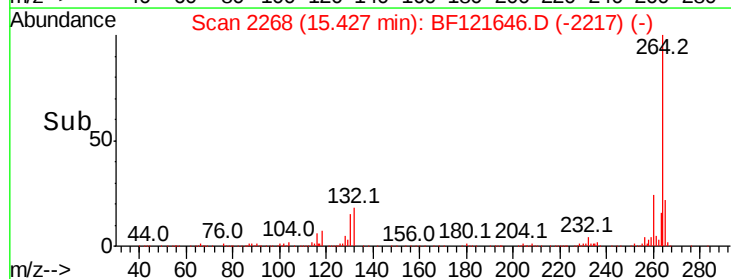
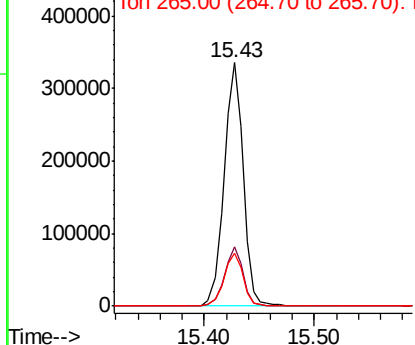


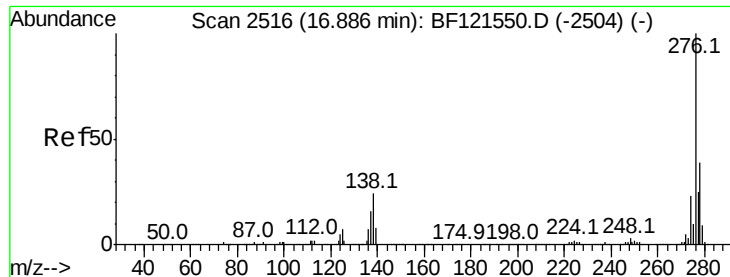
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:264 Resp: 406896
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

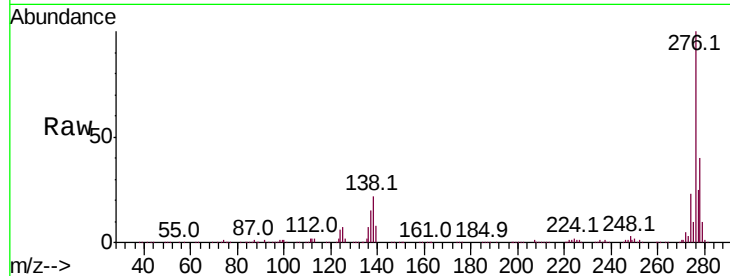




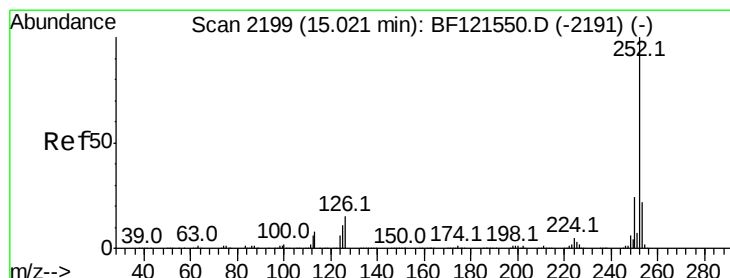
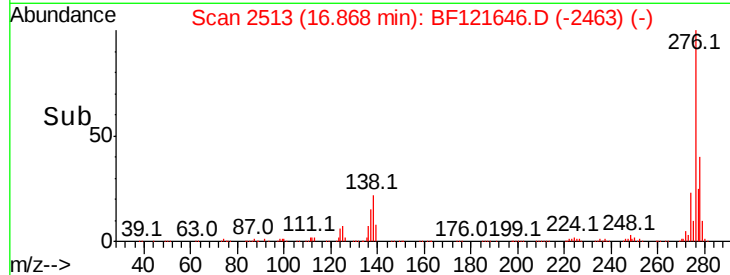
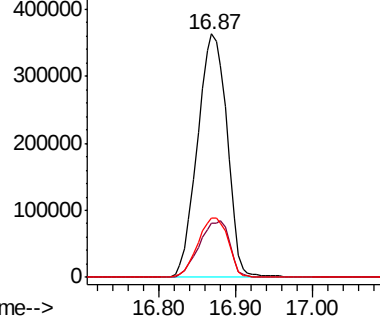
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.822 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.0	28.6
277	25.3	20.2	30.2

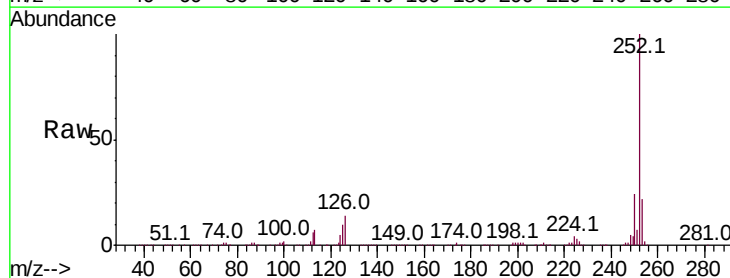


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

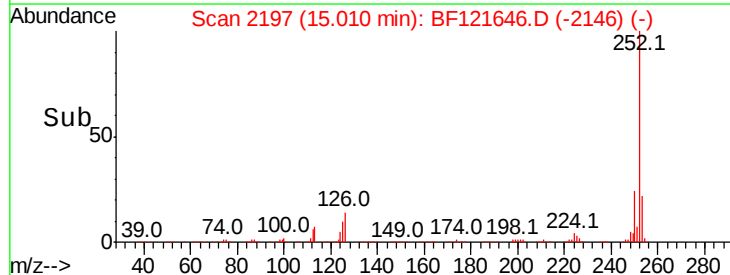
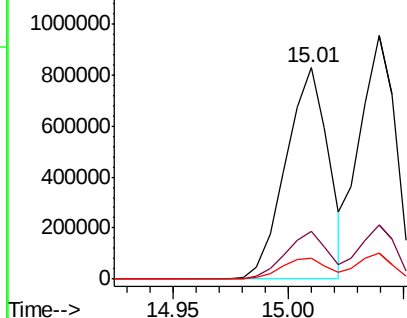


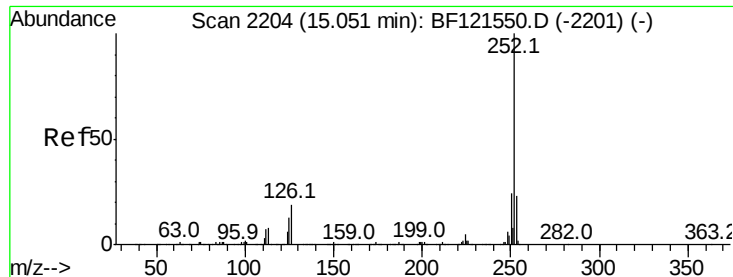
#88
 Benzo(b)fluoranthene
 Concen: 39.075 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121646.D
 Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.1	8.5	12.7



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

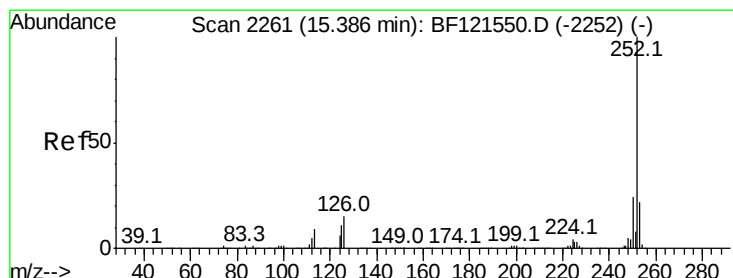
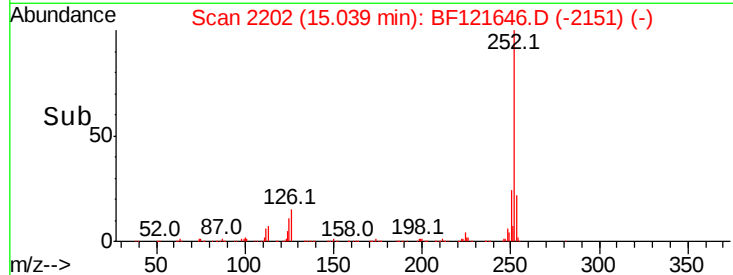
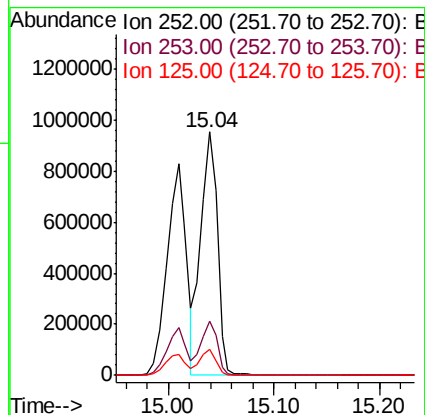
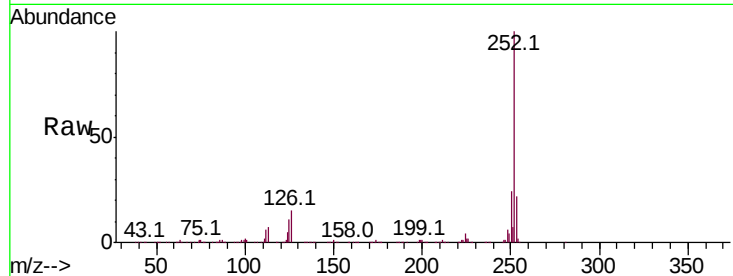




#89
Benzo(k)fluoranthene
Concen: 41.469 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

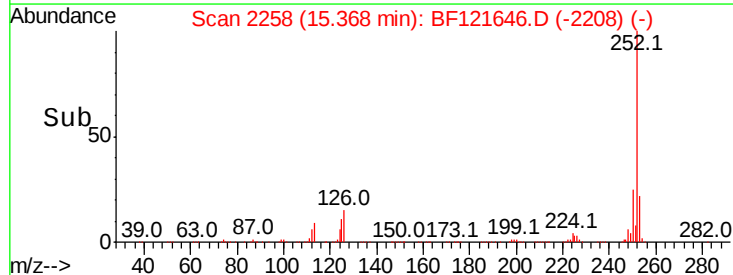
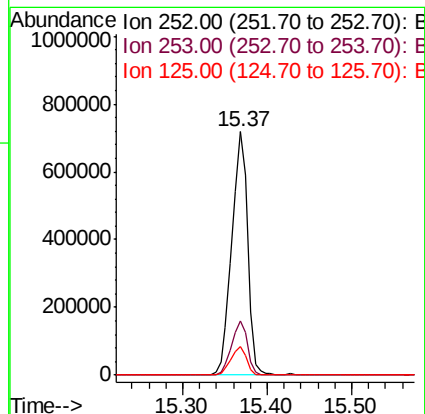
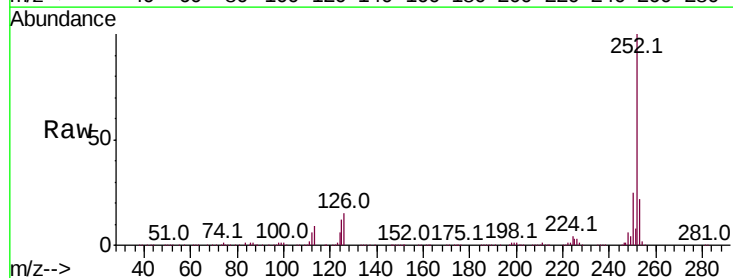
Instrument :
BNA_F
ClientSampleId :
PB131763BS

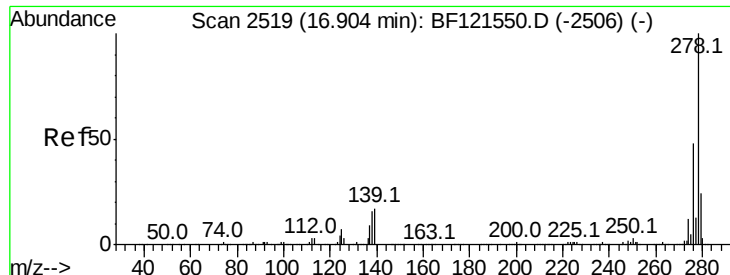
Tot Ion:252 Resp: 1032961
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.154 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion:252 Resp: 928439
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.5 9.1 13.7

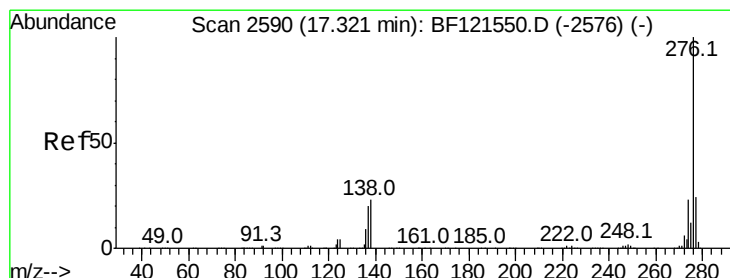
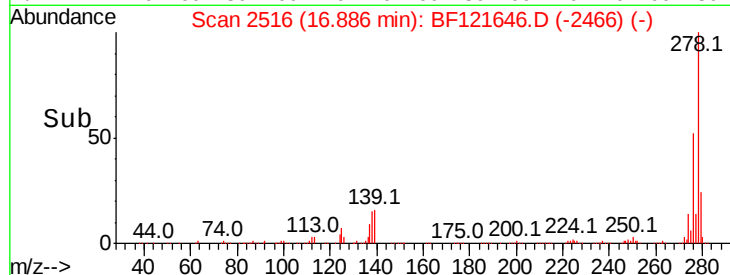
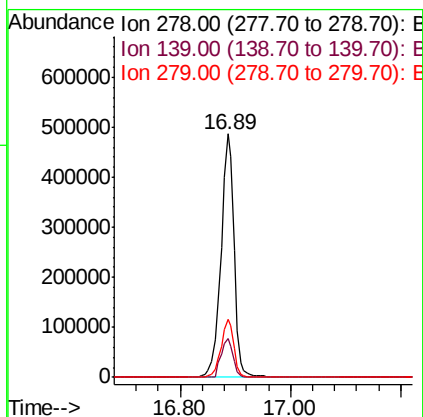
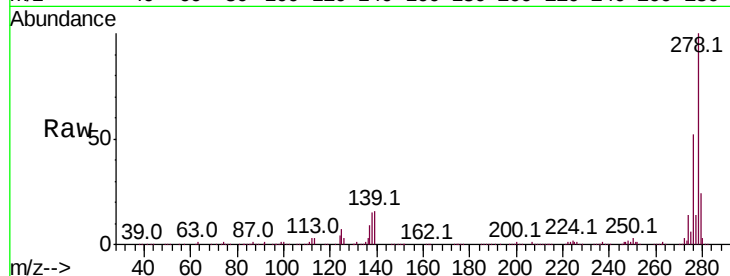




#91
Dibenzo(a,h)anthracene
Concen: 36.740 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Instrument :
BNA_F
ClientSampleId :
PB131763BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.0	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 36.955 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121646.D
Acq: 22 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.1	16.9	25.3

