

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121844.D
 Acq On : 6 Oct 2020 10:35
 Operator : JU/CG
 Sample : PB132087BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Quant Time: Oct 06 11:51:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144456	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	571239	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	302526	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	557273	20.00	ng	0.00
76) Chrysene-d12	13.93	240	437566	20.00	ng	0.00
86) Perylene-d12	15.36	264	359132	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	950798	97.82	ng	0.02
7) Phenol-d6	6.42	99	1237094	97.01	ng	0.00
23) Nitrobenzene-d5	7.34	82	1074230	100.97	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	367634	97.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1806332	90.43	ng	0.00
79) Terphenyl-d14	12.87	244	1658909	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	165643	37.093	ng	99
3) Pyridine	3.33	79	368235	29.828	ng	99
4) n-Nitrosodimethylamine	3.29	42	217811	38.037	ng	97
6) Aniline	6.43	93	413002	24.866	ng	# 60
8) 2-Chlorophenol	6.56	128	391929	39.602	ng	97
9) Benzaldehyde	6.32	77	220227	26.417	ng	98
10) Phenol	6.43	94	489315	36.033	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	399871	39.069	ng	100
12) 1,3-Dichlorobenzene	6.70	146	425145	38.488	ng	98
13) 1,4-Dichlorobenzene	6.78	146	427642	38.556	ng	100
14) 1,2-Dichlorobenzene	6.93	146	387819	37.956	ng	97
15) Benzyl Alcohol	6.92	79	326752	37.697	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	614680	37.321	ng	90
17) 2-Methylphenol	7.03	107	335102	39.795	ng	# 94
18) Hexachloroethane	7.27	117	157332	39.616	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	284752	38.744	ng	99
20) 3+4-Methylphenols	7.19	107	399301	39.467	ng	# 81
22) Acetophenone	7.18	105	552827	38.143	ng	97
24) Nitrobenzene	7.35	77	436915	37.970	ng	100
25) Isophorone	7.59	82	797438	37.234	ng	99
26) 2-Nitrophenol	7.67	139	215700	40.254	ng	97
27) 2,4-Dimethylphenol	7.71	122	351611	36.779	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	506270	38.184	ng	99
29) 2,4-Dichlorophenol	7.92	162	335035	38.477	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	349358	38.096	ng	99
31) Naphthalene	8.07	128	1136578	37.691	ng	99
32) Benzoic acid	7.87	122	172465	27.621	ng	97
33) 4-Chloroaniline	8.12	127	339716	25.989	ng	99
34) Hexachlorobutadiene	8.19	225	208422	38.720	ng	98
35) Caprolactam	8.51	113	74653	25.745	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	358647	38.235	ng	99
37) 2-Methylnaphthalene	8.76	142	754582	38.184	ng	99
38) 1-Methylnaphthalene	8.86	142	698026	37.953	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	358591	37.946	ng	99

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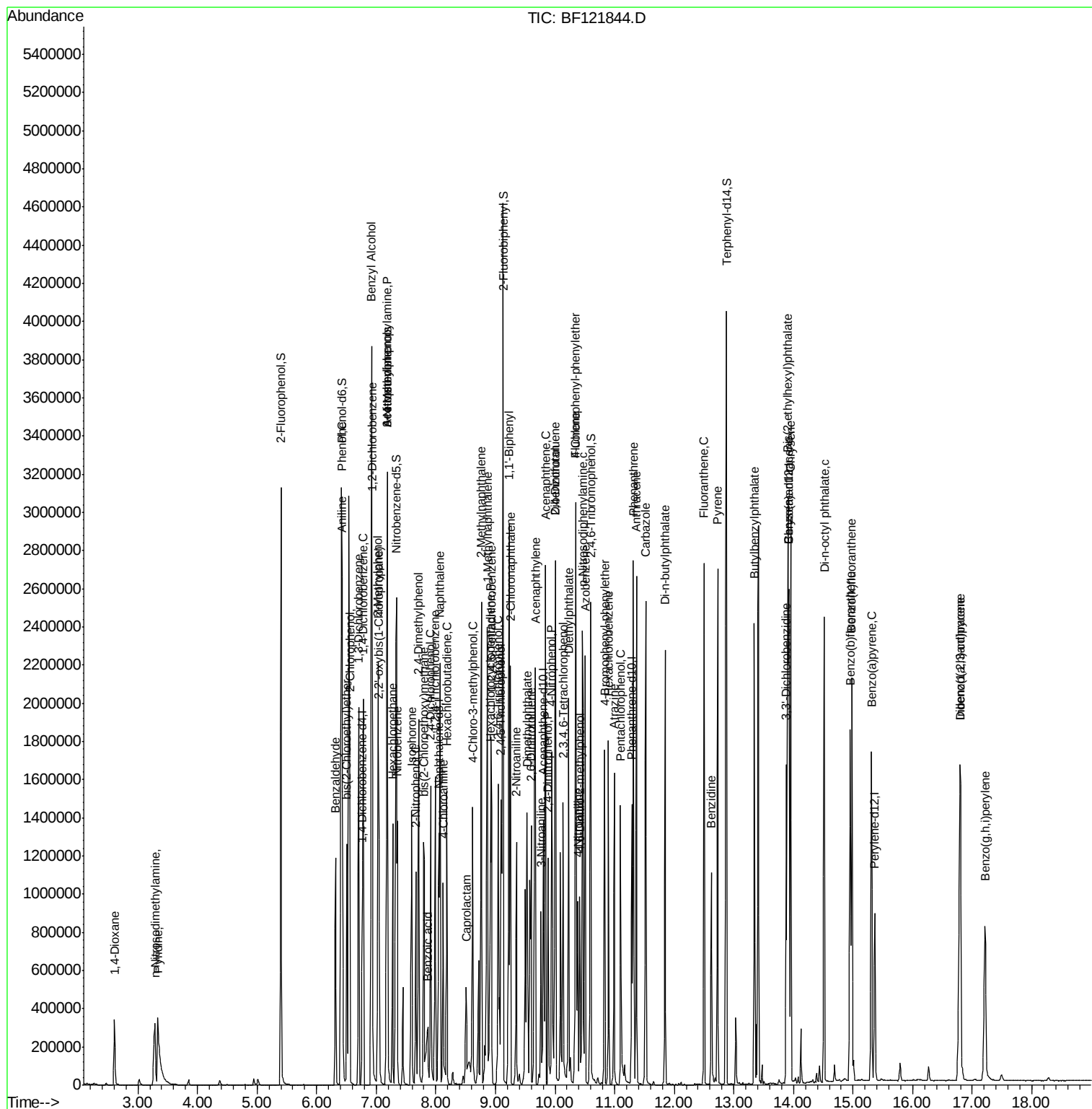
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	216370	40.094	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	230961	35.857	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	238903	35.084	nq	97
46) 1,1'-Biphenyl	9.23	154	898961	37.118	nq	99
47) 2-Chloronaphthalene	9.25	162	683082	35.791	nq	100
48) 2-Nitroaniline	9.35	65	240184	40.498	nq	99
49) Acenaphthylene	9.67	152	1078537	36.780	nq	100
50) Dimethylphthalate	9.53	163	827530	37.741	nq	99
51) 2,6-Dinitrotoluene	9.60	165	184309	39.470	nq	87
52) Acenaphthene	9.84	154	625912	33.794	nq	98
53) 3-Nitroaniline	9.76	138	138580	25.618	nq	100
54) 2,4-Dinitrophenol	9.88	184	168345	64.483	nq	# 86
55) Dibenzofuran	10.01	168	912991	35.003	nq	99
56) 4-Nitrophenol	9.95	139	226900	52.595	nq	86
57) 2,4-Dinitrotoluene	10.00	165	225928	38.458	nq	92
58) Fluorene	10.35	166	724697	36.332	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	200589	36.235	nq	97
60) Diethylphthalate	10.23	149	790780	36.990	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	357372	37.402	nq	99
62) 4-Nitroaniline	10.38	138	192571	35.853	nq	96
63) Azobenzene	10.50	77	822971	36.149	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	127058	38.704	nq	97
66) n-Nitrosodiphenylamine	10.46	169	691374	36.162	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	239202	37.700	nq	98
68) Hexachlorobenzene	10.90	284	270875	37.830	nq	# 90
69) Atrazine	10.99	200	201247	42.368	nq	99
70) Pentachlorophenol	11.10	266	229200	58.286	nq	98
71) Phenanthrene	11.32	178	1087626	35.821	nq	100
72) Anthracene	11.36	178	1108770	35.387	nq	99
73) Carbazole	11.52	167	1009468	35.702	nq	100
74) Di-n-butylphthalate	11.85	149	1228666	37.650	nq	99
75) Fluoranthene	12.50	202	1173317	36.200	nq	99
77) Benzidine	12.62	184	416799	28.732	nq	99
78) Pyrene	12.73	202	1189309	37.201	nq	100
80) Butylbenzylphthalate	13.34	149	517786	40.046	nq	98
81) Benzo(a)anthracene	13.92	228	1048435	37.873	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	327217	30.277	nq	99
83) Chrysene	13.96	228	1020131	36.391	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	717288	41.527	nq	# 98
85) Di-n-octyl phthalate	14.52	149	1211024	39.727	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	902733	38.598	nq	100
88) Benzo(b)fluoranthene	14.95	252	1028608	42.844	nq	98
89) Benzo(k)fluoranthene	14.99	252	866128	39.395	nq	99
90) Benzo(a)pyrene	15.31	252	847747	41.540	nq	98
91) Dibenzo(a,h)anthracene	16.80	278	753086	38.682	nq	100
92) Benzo(g,h,i)perylene	17.22	276	742248	38.785	nq	99

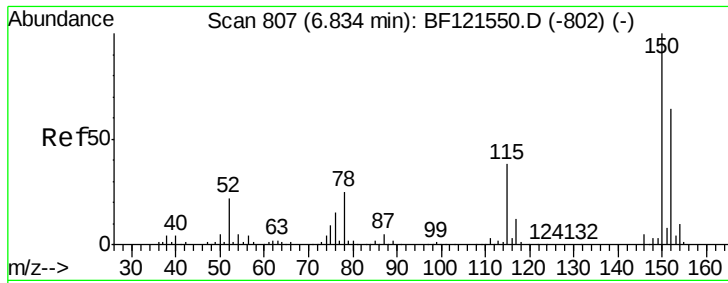
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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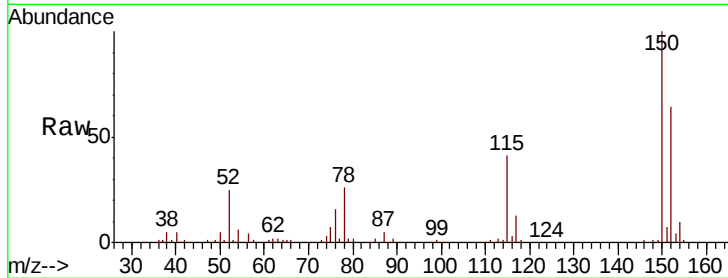


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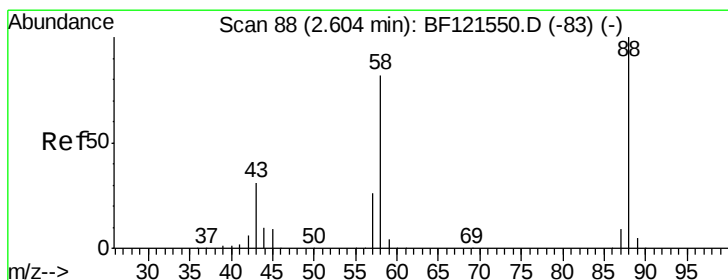
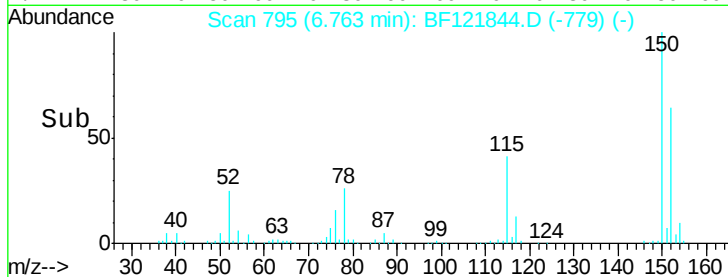
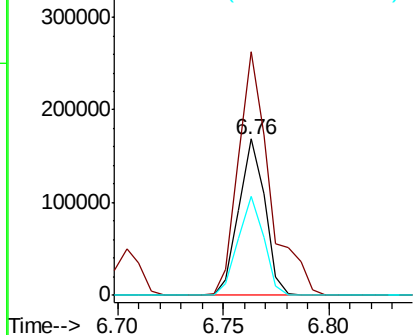
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:152 Resp: 144456
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 63.6 51.9 77.9



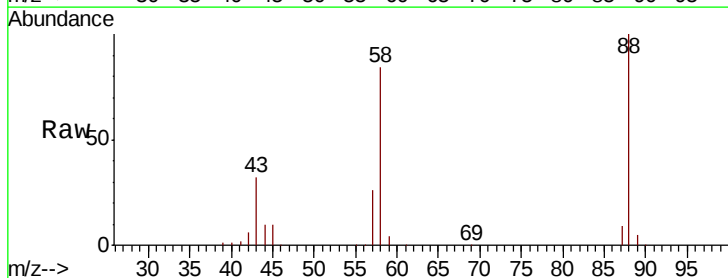
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



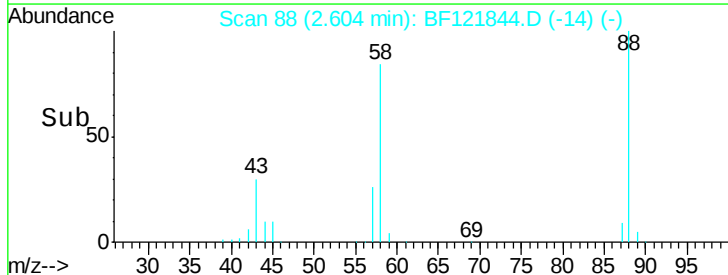
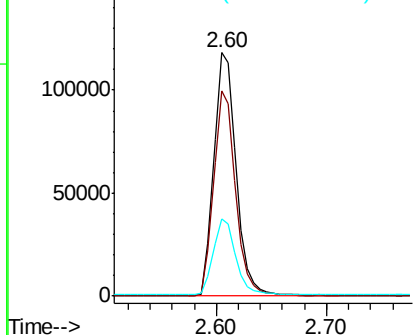
#2

1,4-Dioxane
Concen: 37.093 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.14 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion: 88 Resp: 165643
Ion Ratio Lower Upper
88 100
58 83.1 65.8 98.8
43 30.6 25.8 38.8



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

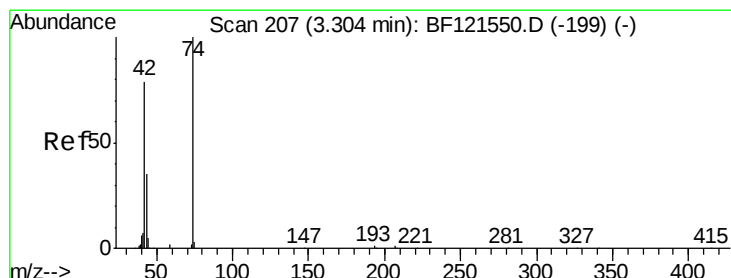
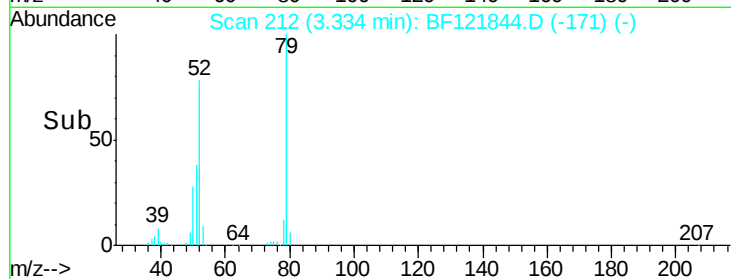
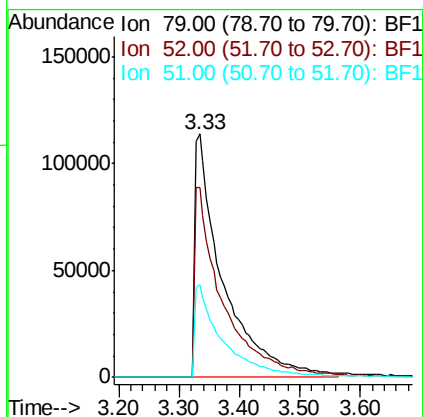
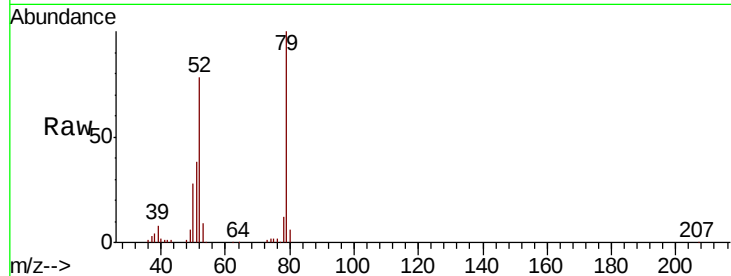




#3
 Pvridine
 Concen: 29.828 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.14 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

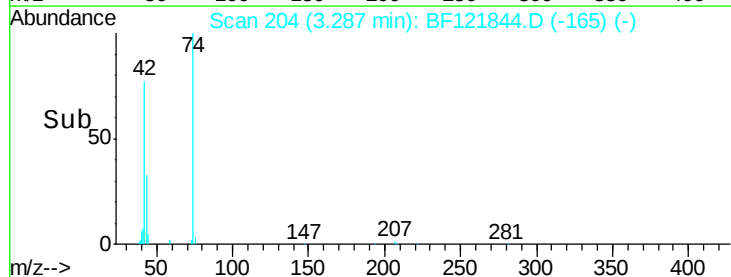
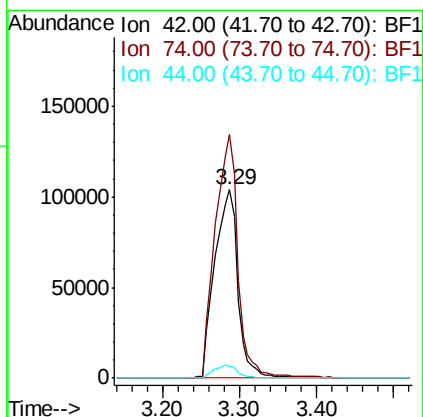
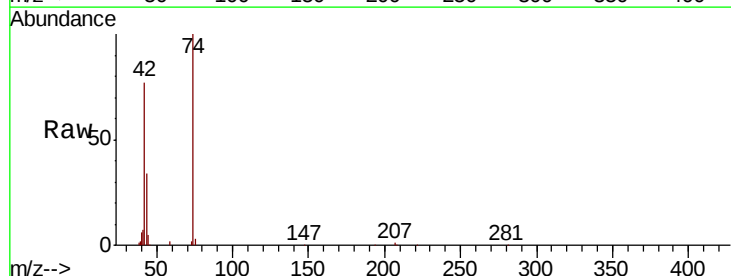
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion: 79 Resp: 368235
 Ion Ratio Lower Upper
 79 100
 52 77.8 62.2 93.4
 51 38.0 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 38.037 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.13 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion: 42 Resp: 217811
 Ion Ratio Lower Upper
 42 100
 74 129.3 100.2 150.2
 44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 97.816 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

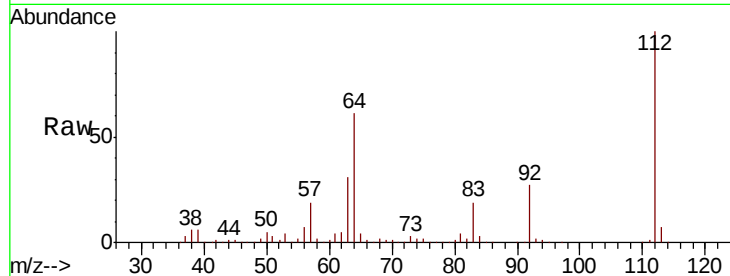
Tot Ion: 112 Resp: 950798

Ion Ratio Lower Upper

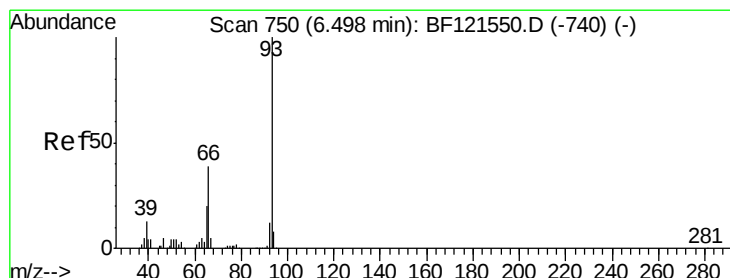
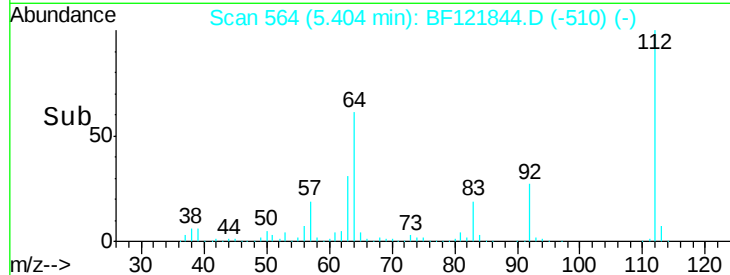
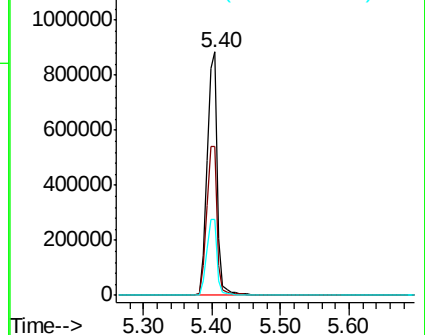
112 100

64 61.3 50.4 75.6

63 31.1 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.866 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

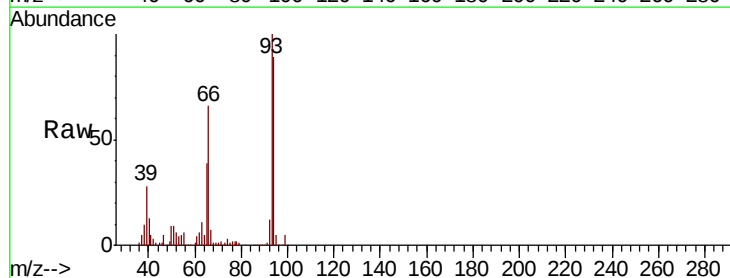
Tgt Ion: 93 Resp: 413002

Ion Ratio Lower Upper

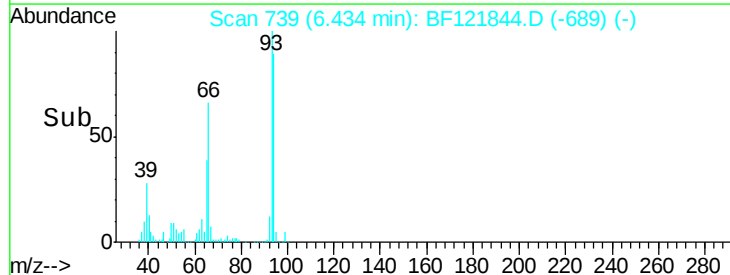
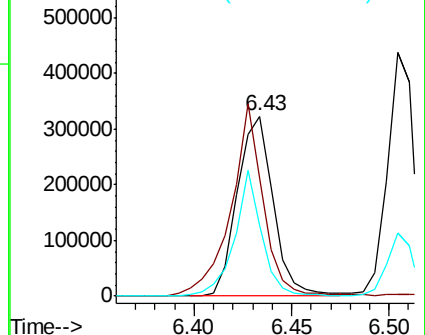
93 100

66 65.5 32.7 49.1#

65 39.3 16.6 24.8#



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: 97.008 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121844.D

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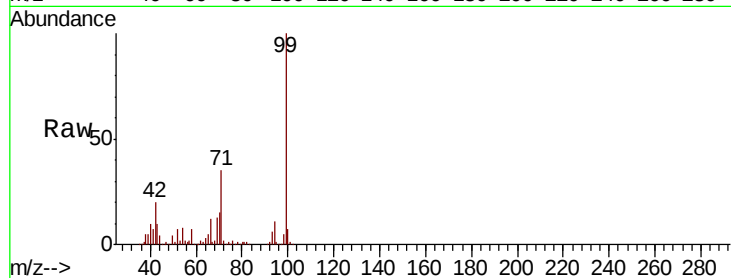
Tot Ion: 99 Resp: 1237094

Ion Ratio Lower Upper

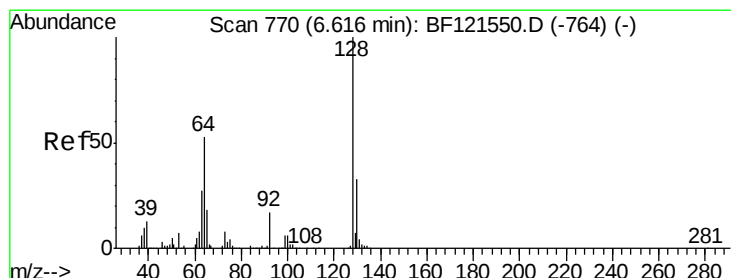
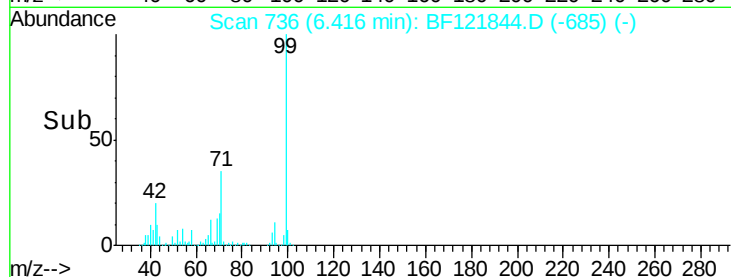
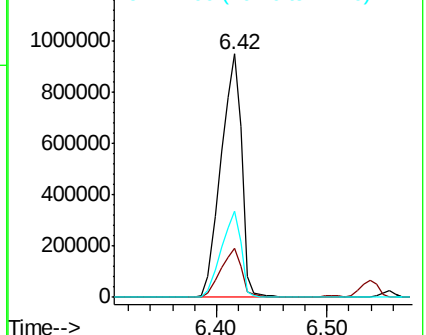
99 100

42 20.2 15.9 23.9

71 35.2 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.602 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

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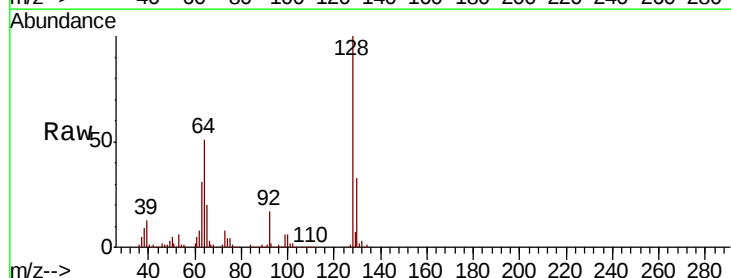
Tgt Ion: 128 Resp: 391929

Ion Ratio Lower Upper

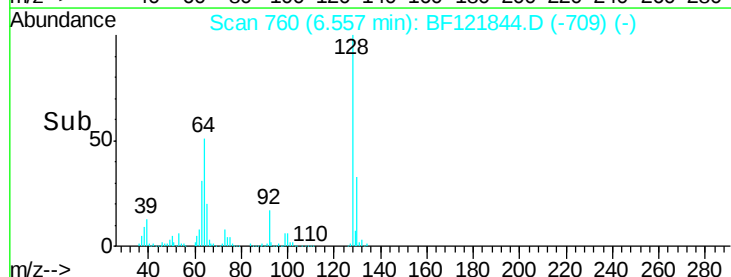
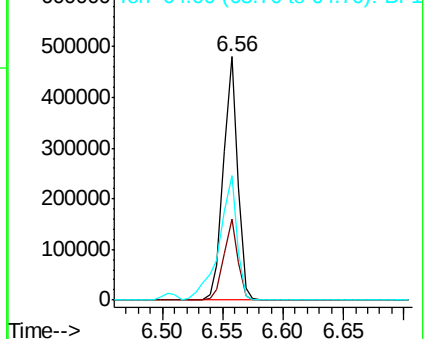
128 100

130 33.0 12.4 52.4

64 51.3 34.8 74.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.417 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

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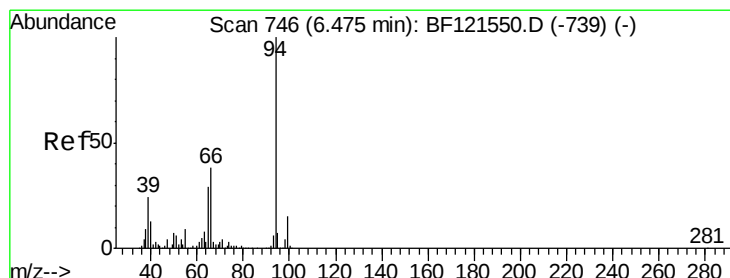
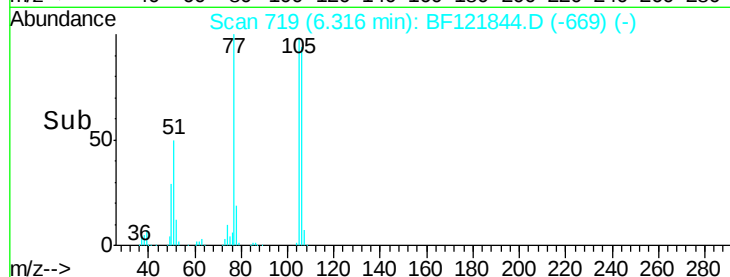
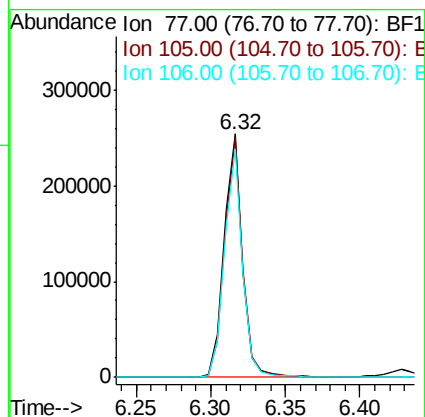
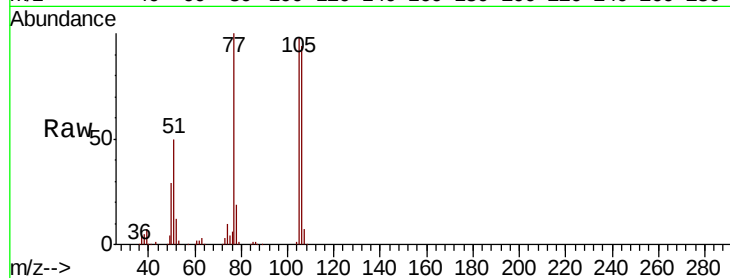
Tot Ion: 77 Resp: 220227

Ion Ratio Lower Upper

77 100

105 98.4 76.7 116.7

106 94.0 71.3 111.3



#10

Phenol

Concen: 36.033 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

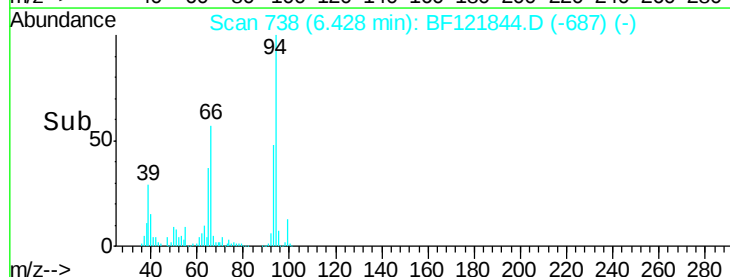
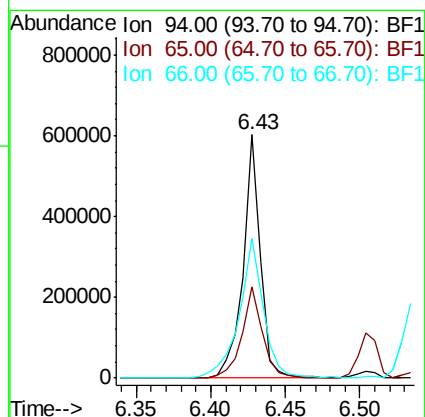
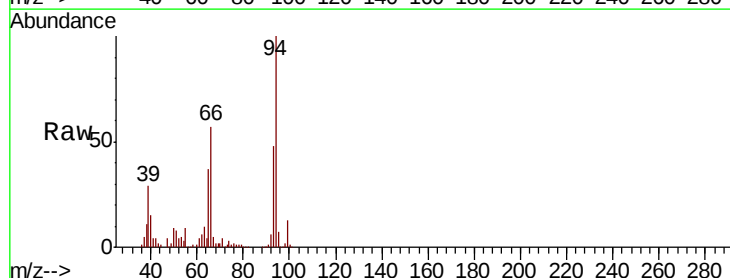
Tgt Ion: 94 Resp: 489315

Ion Ratio Lower Upper

94 100

65 37.5 17.1 57.1

66 57.4 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 39.069 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

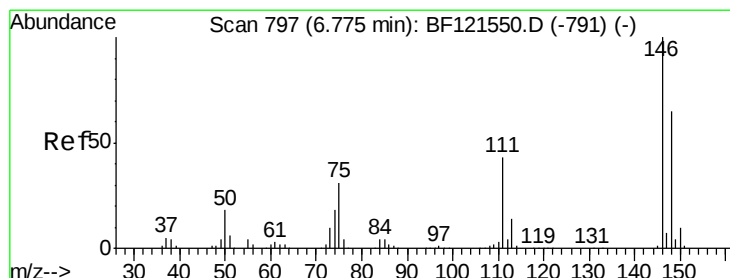
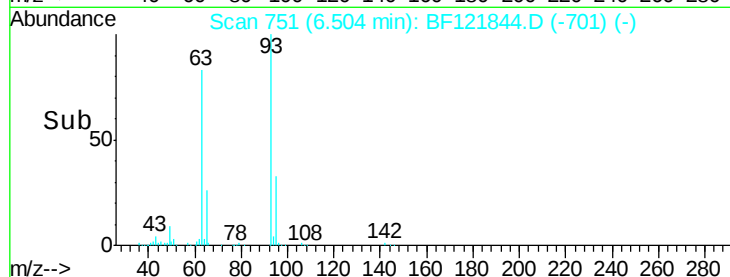
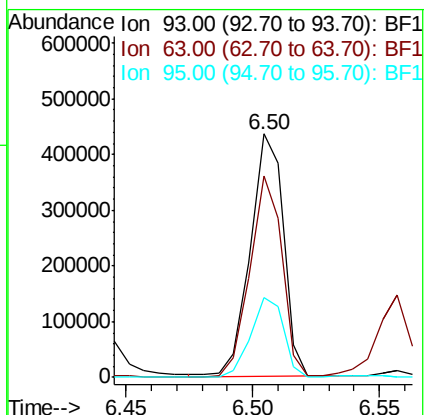
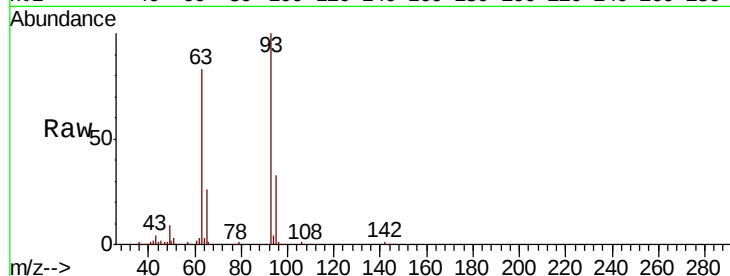
Tot Ion: 93 Resp: 399871

Ion Ratio Lower Upper

93 100

63 82.9 62.4 102.4

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.488 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

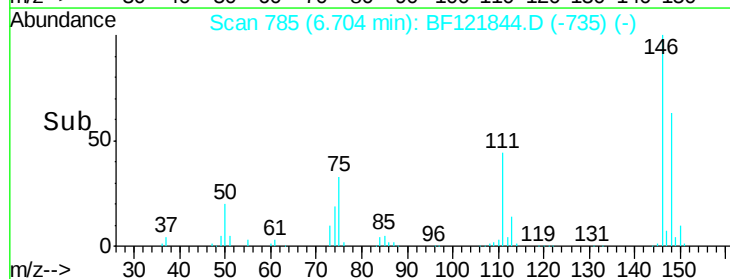
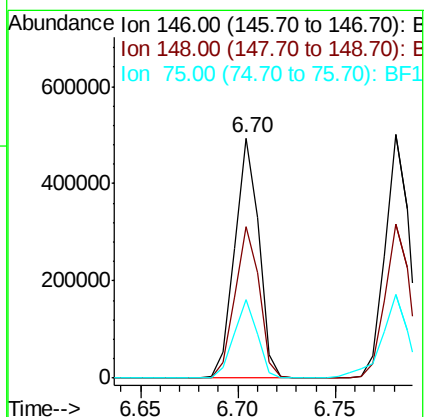
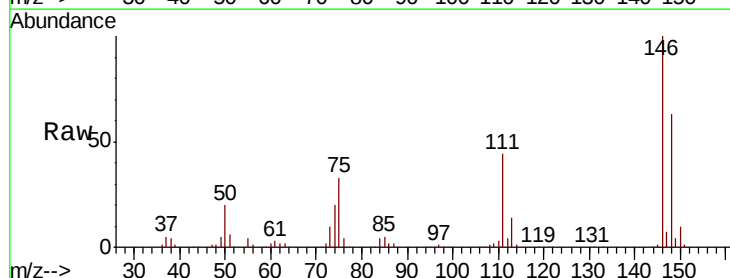
Tgt Ion: 146 Resp: 425145

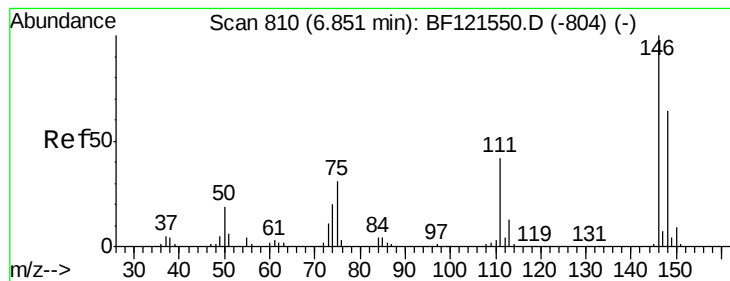
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

75 32.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.556 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

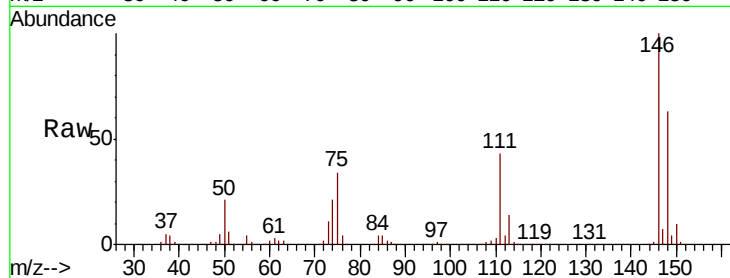
Tot Ion:146 Resp: 427642

Ion Ratio Lower Upper

146 100

148 63.0 50.1 75.1

111 43.4 34.6 52.0



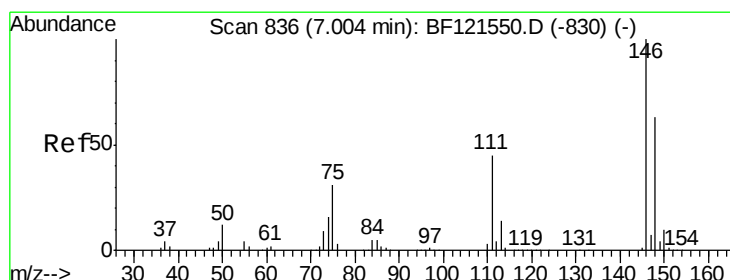
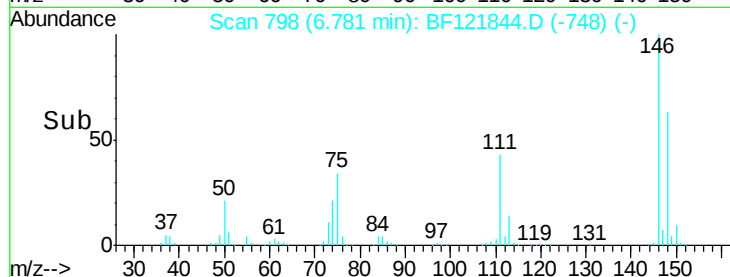
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.78

Time-->



#14

1,2-Dichlorobenzene

Concen: 37.956 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

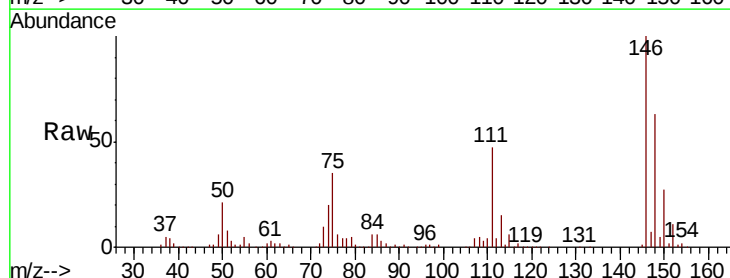
Tgt Ion:146 Resp: 387819

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

111 47.0 34.2 51.4



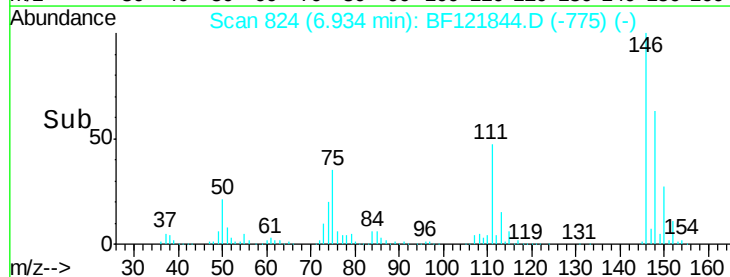
Abundance Ion 146.00 (145.70 to 146.70): E

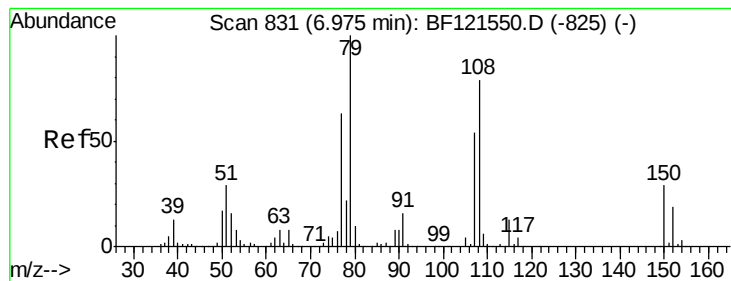
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.93

Time-->





#15

Benzyl Alcohol

Concen: 37.697 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleID :

PB132087BS

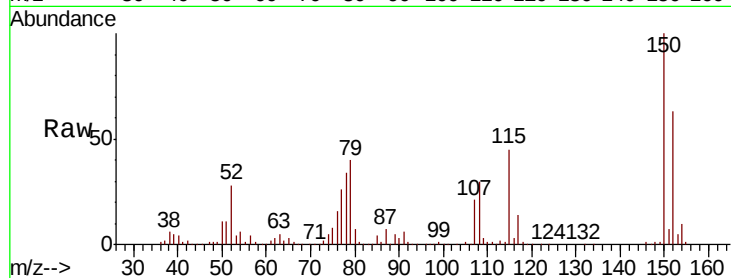
Tot Ion: 79 Resp: 326752

Ion Ratio Lower Upper

79 100

108 74.9 62.3 93.5

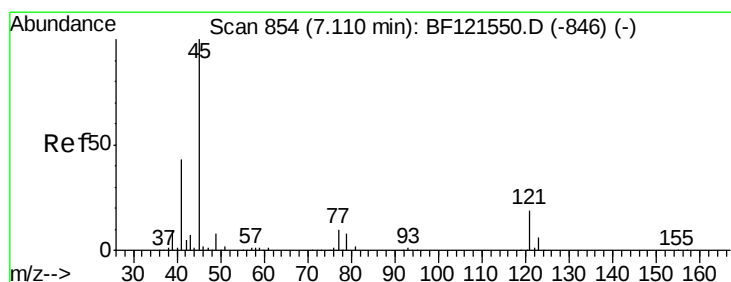
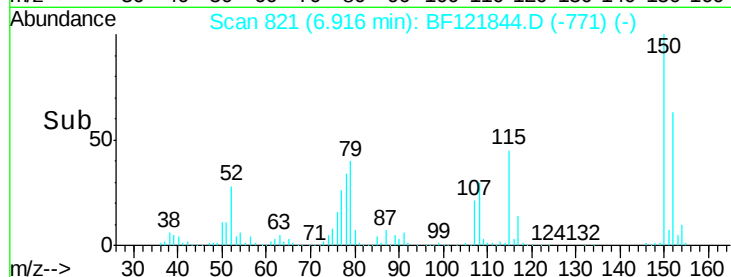
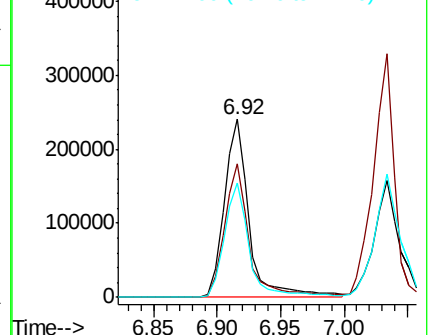
77 64.3 50.6 75.8



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: 37.321 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

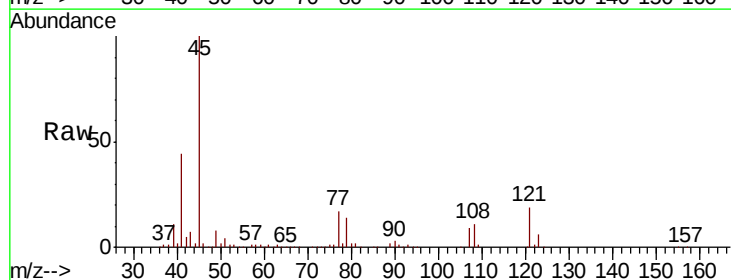
Tgt Ion: 45 Resp: 614680

Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.3

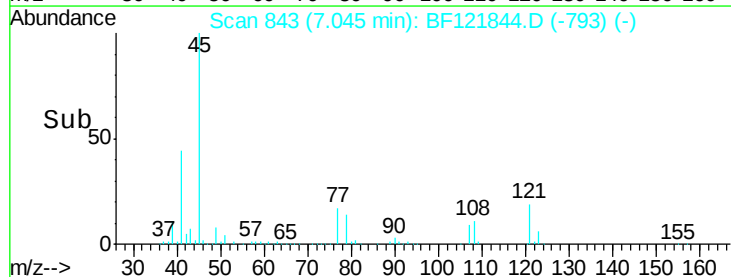
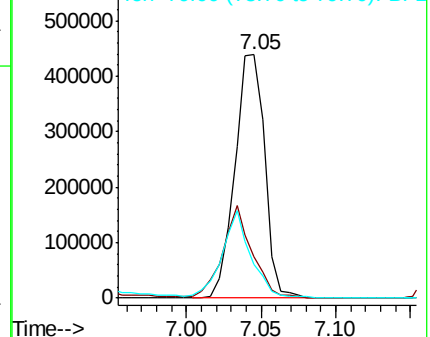
79 14.1 0.0 30.4

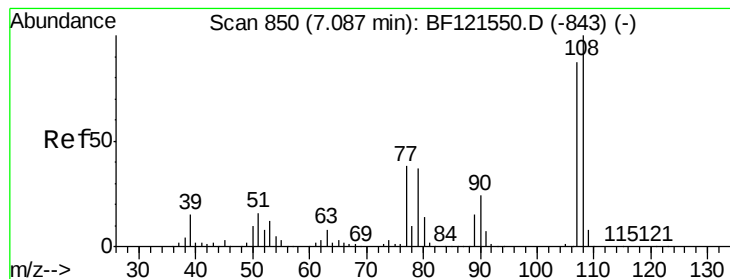


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.795 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

Tot Ion:107 Resp: 335102

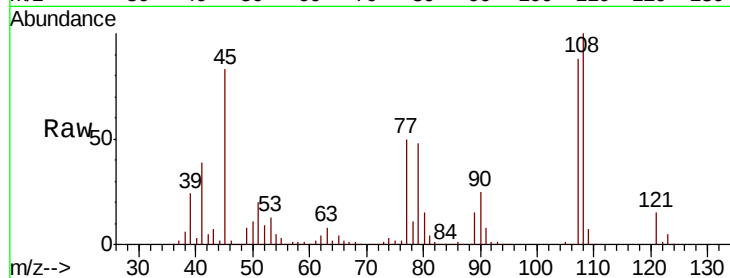
Ion Ratio Lower Upper

107 100

108 113.5 90.9 136.3

77 57.3 37.5 56.3#

79 54.2 37.4 56.0

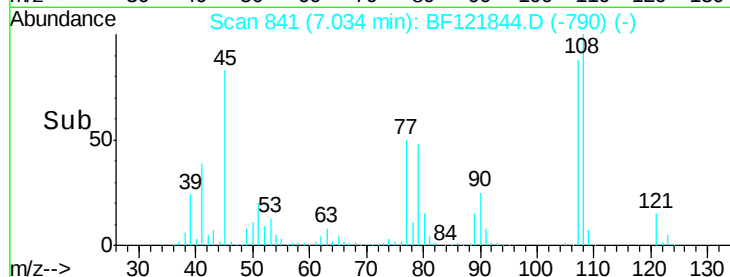


Abundance Ion 107.00 (106.70 to 107.70): E

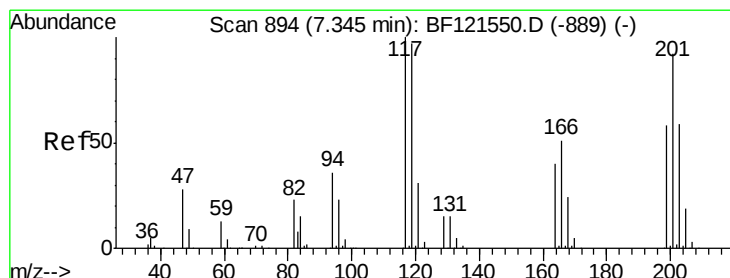
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 39.616 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

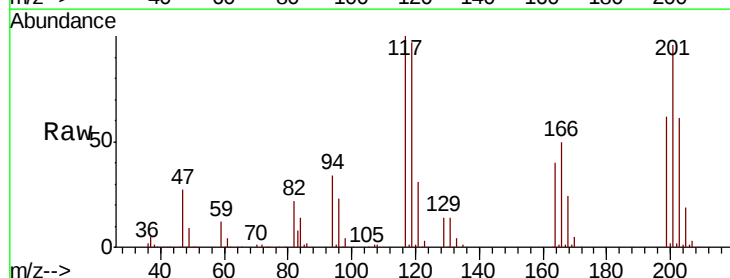
Tgt Ion:117 Resp: 157332

Ion Ratio Lower Upper

117 100

119 96.5 76.3 114.5

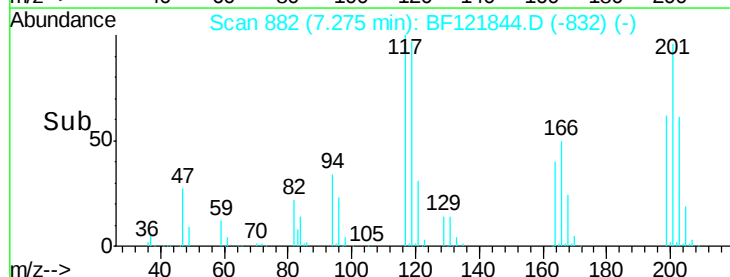
201 95.7 71.8 107.6



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



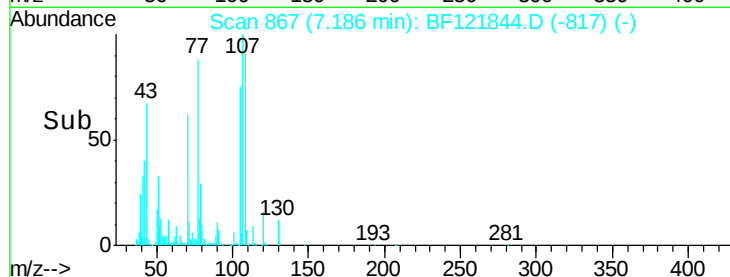
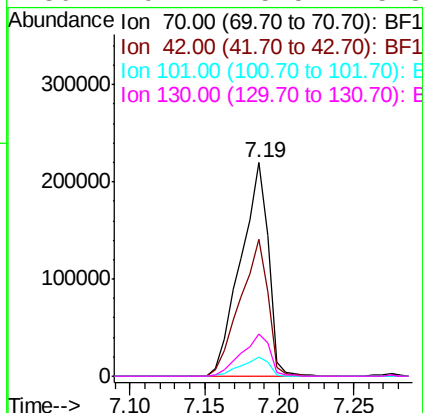
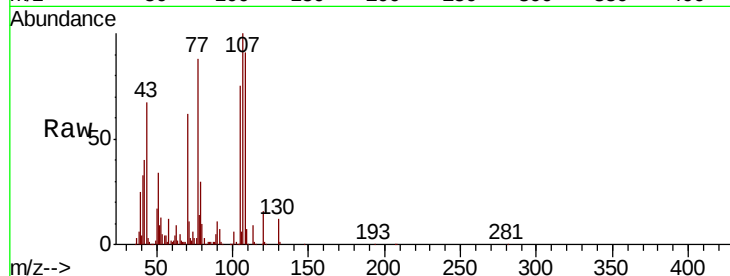
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.744 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

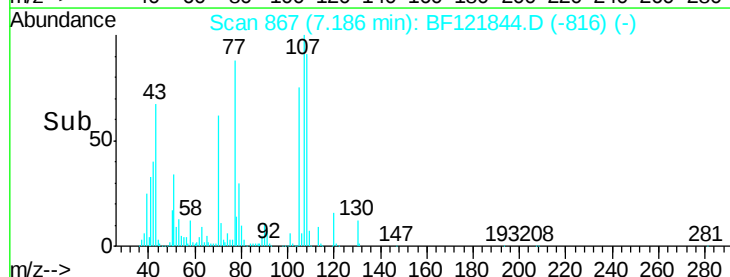
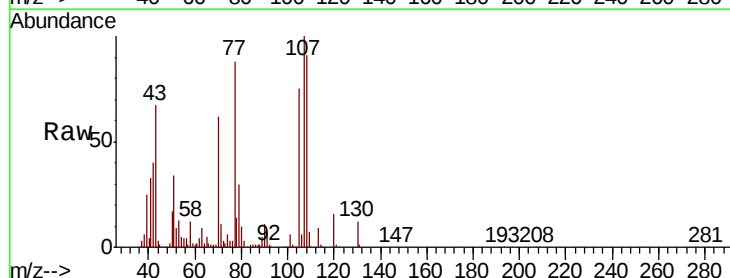
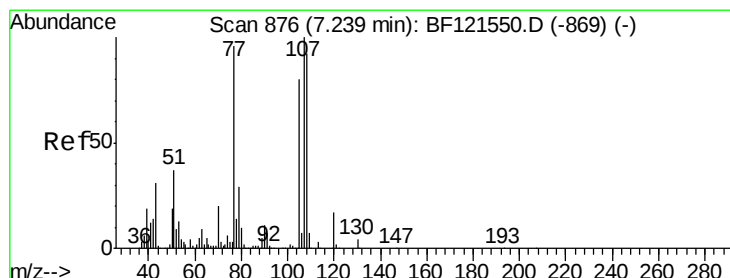
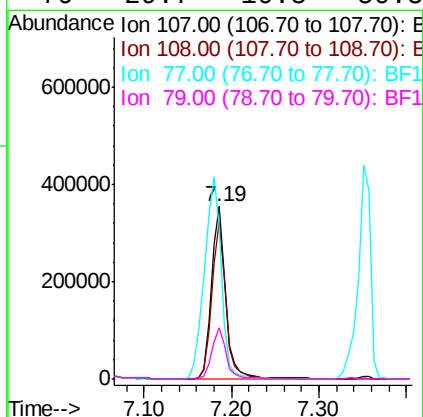
Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:	70	Resp:	284752
Ion	Ratio	Lower	Upper
70	100		
42	63.9	50.2	75.4
101	9.3	7.5	11.3
130	19.7	15.5	23.3



#20
3+4-Methylphenols
Concen: 39.467 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:	107	Resp:	399301
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.9	108.9
77	88.5	108.0	148.0#
79	29.7	10.5	50.5

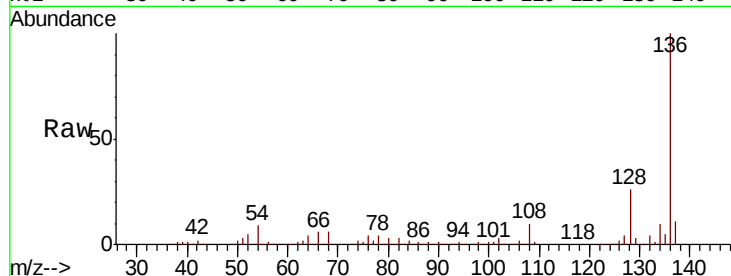




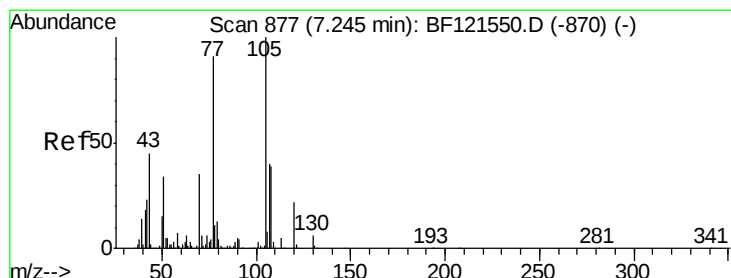
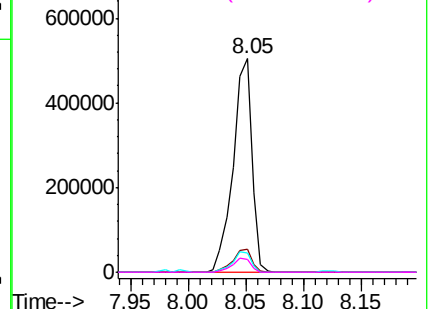
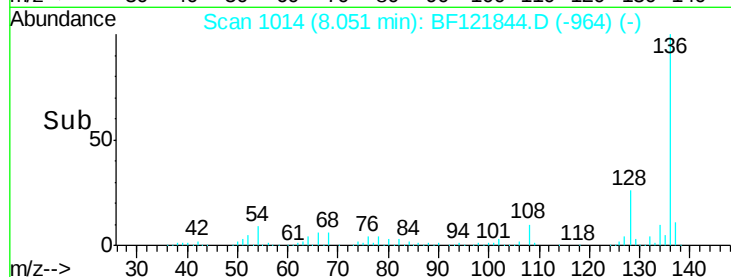
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:136	Resp:	571239
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	8.7	7.1 10.7
68	6.2	5.0 7.4

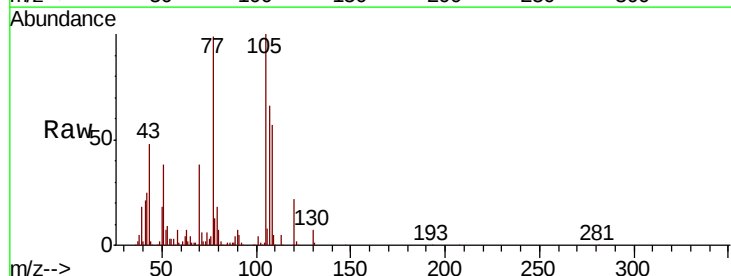


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

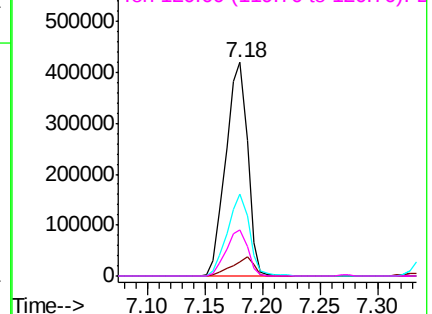
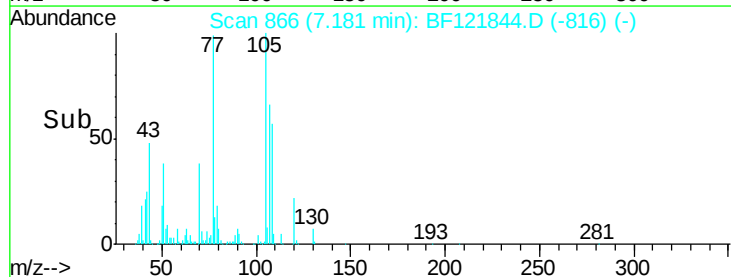


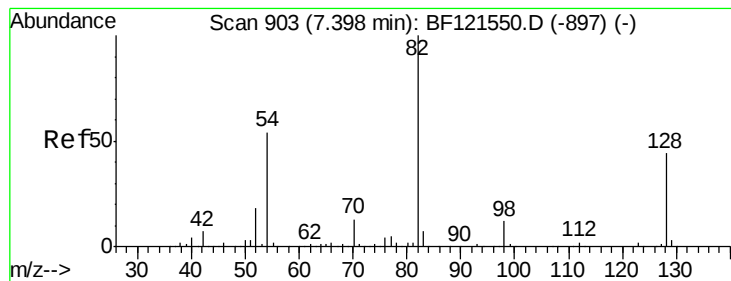
#22
Acetophenone
Concen: 38.143 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:105	Resp:	552827
Ion Ratio	Lower	Upper
105	100	
71	6.4	5.3 7.9
51	38.3	33.2 49.8
120	21.7	17.4 26.0



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: 100.969 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

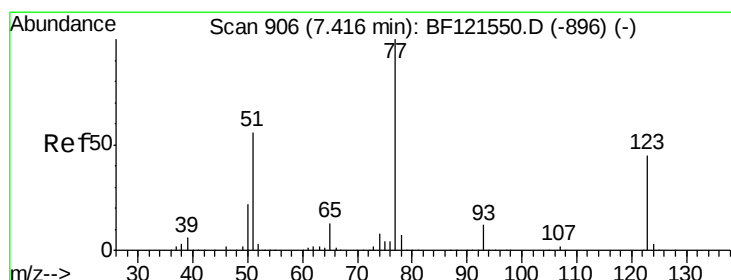
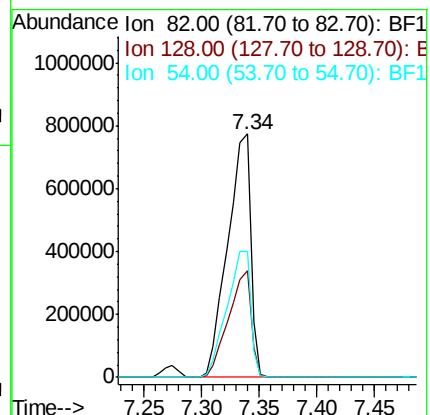
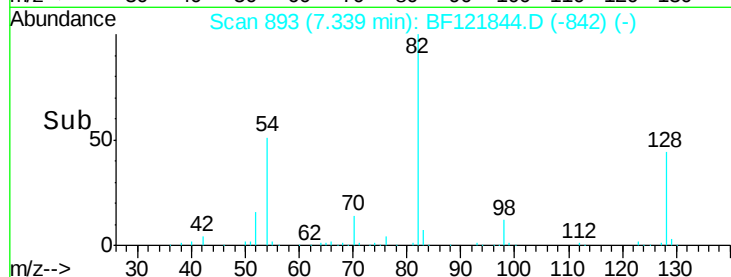
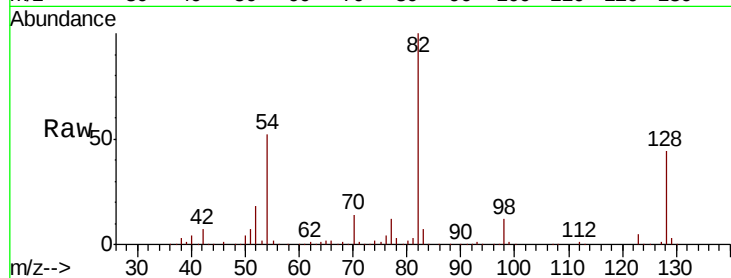
Tot Ion: 82 Resp: 1074230

Ion Ratio Lower Upper

82 100

128 44.0 35.0 52.4

54 51.9 43.9 65.9



#24

Nitrobenzene

Concen: 37.970 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

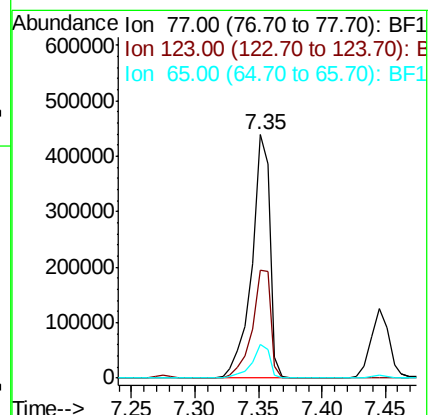
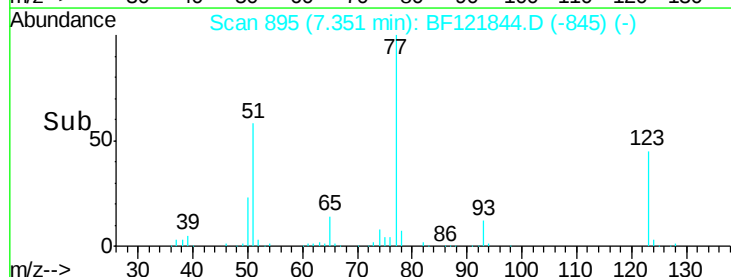
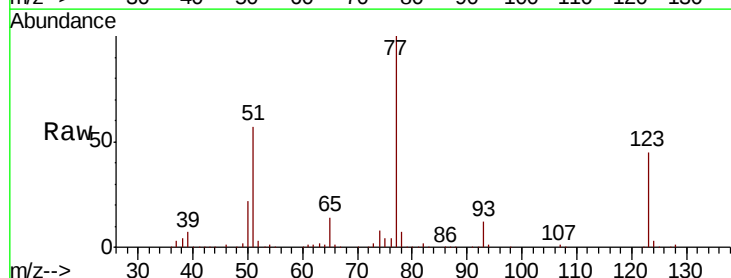
Tgt Ion: 77 Resp: 436915

Ion Ratio Lower Upper

77 100

123 44.6 35.6 53.4

65 13.9 11.2 16.8





#25

Isophorone

Concen: 37.234 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

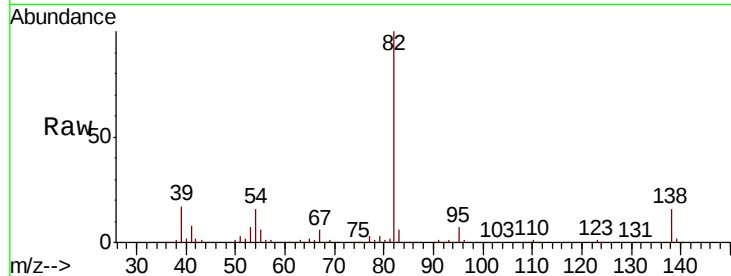
Tot Ion: 82 Resp: 797438

Ion Ratio Lower Upper

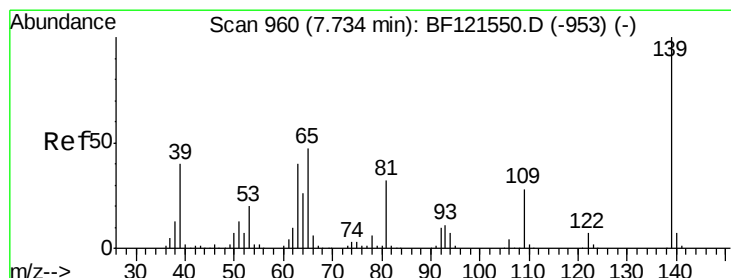
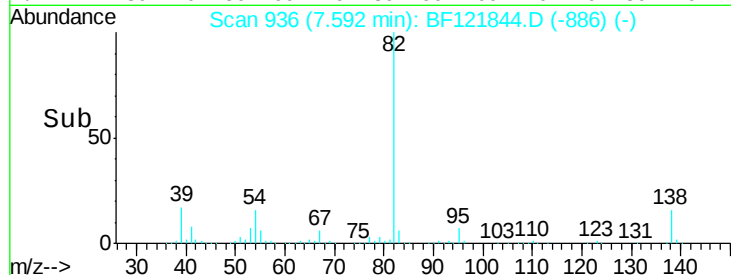
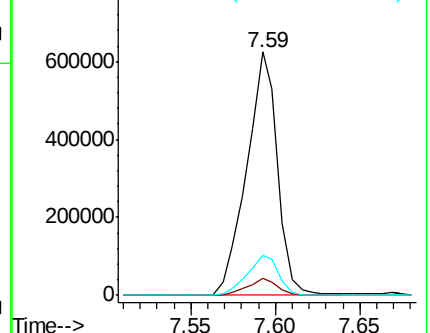
82 100

95 6.9 5.4 8.0

138 16.4 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.254 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

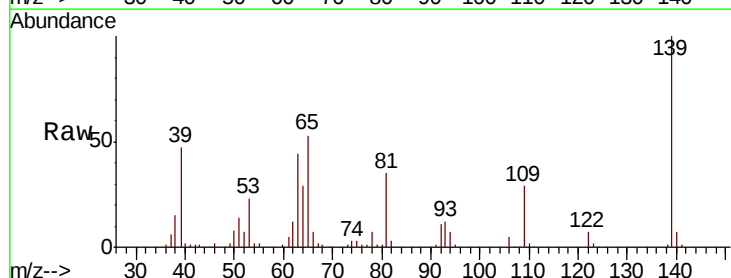
Tgt Ion: 139 Resp: 215700

Ion Ratio Lower Upper

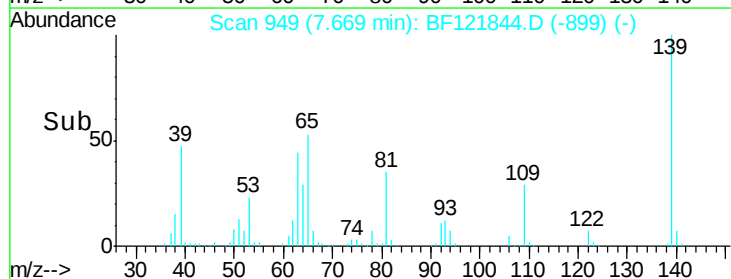
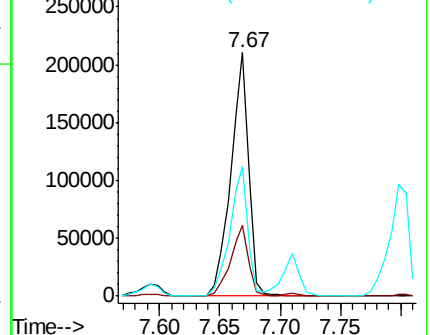
139 100

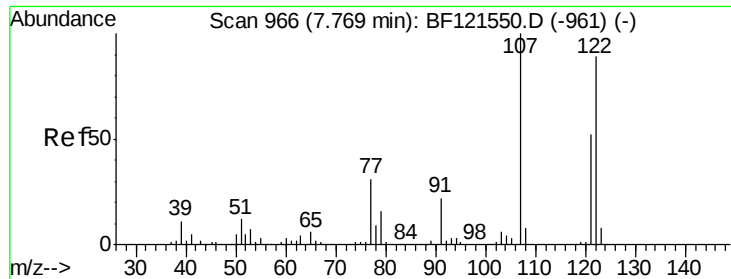
109 29.2 23.0 34.4

65 53.1 39.9 59.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

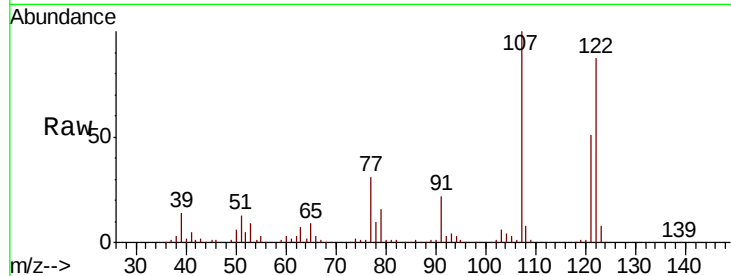




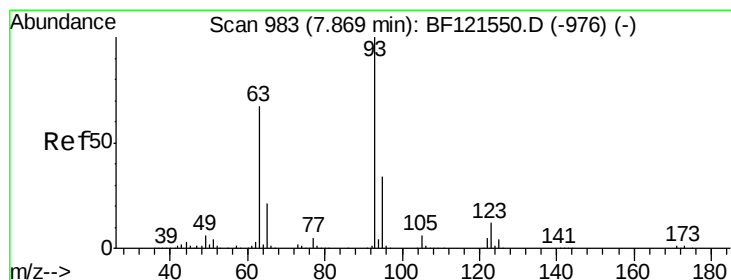
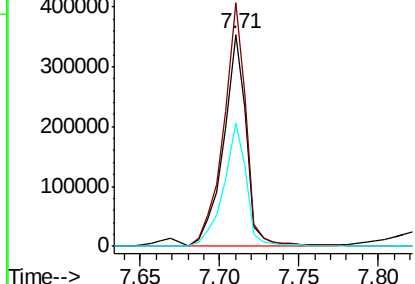
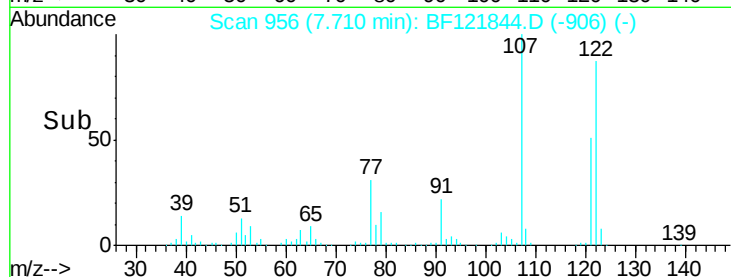
#27
2,4-Dimethylphenol
Concen: 36.779 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:122 Resp: 351611
Ion Ratio Lower Upper
122 100
107 114.9 90.8 136.2
121 58.0 47.5 71.3

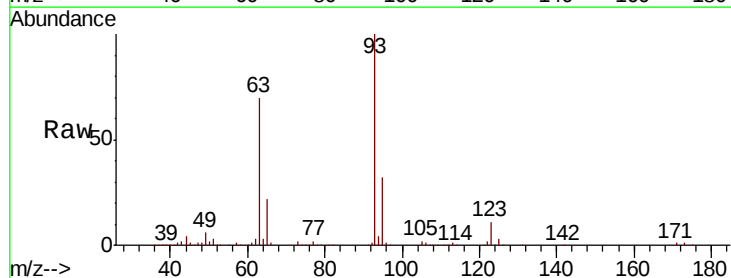


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

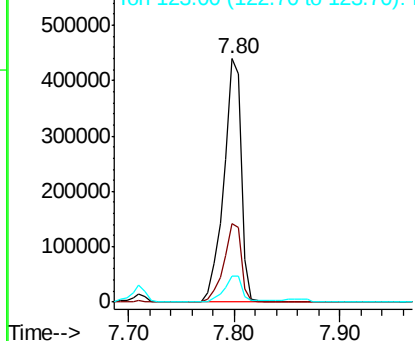
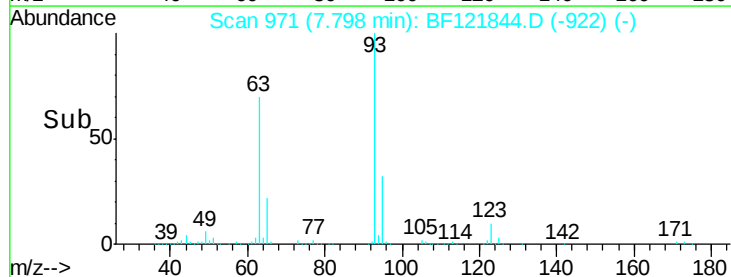


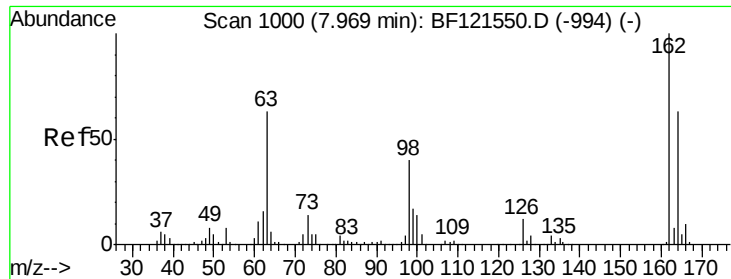
#28
bis(2-Chloroethoxy)methane
Concen: 38.184 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion: 93 Resp: 506270
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 10.5 8.8 13.2



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

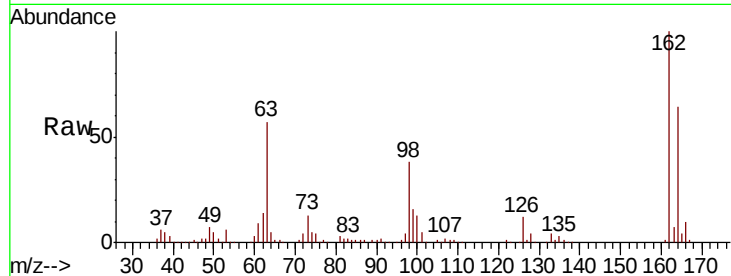




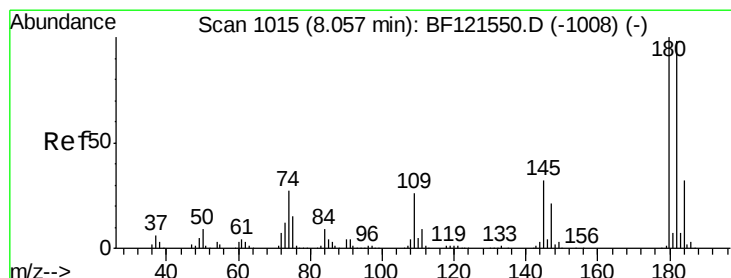
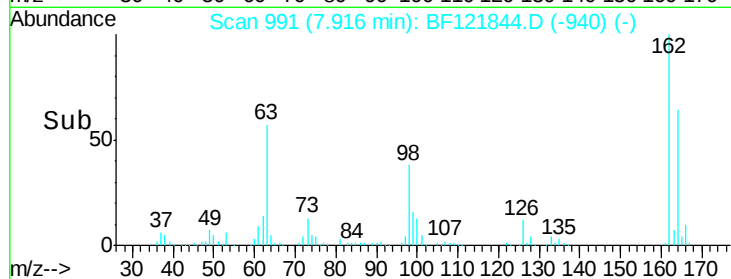
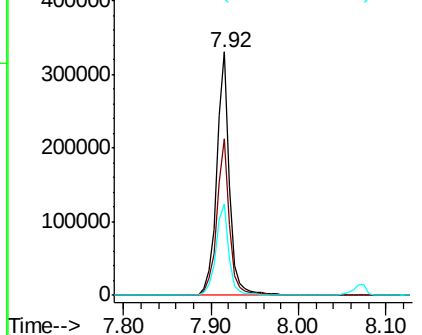
#29
 2,4-Dichlorophenol
 Concen: 38.477 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.5	82.5
98	37.6	20.1	60.1

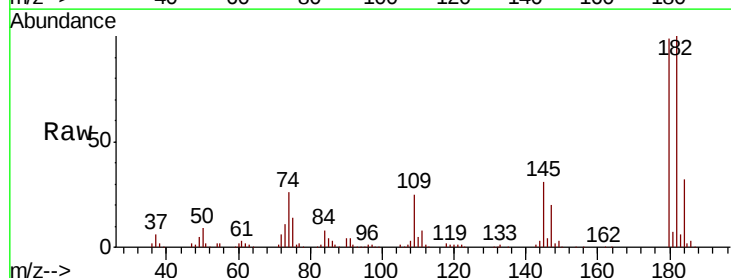


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

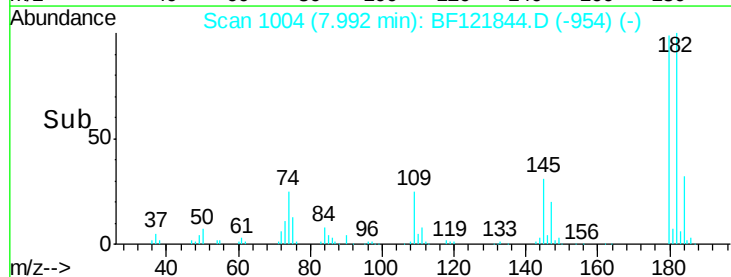
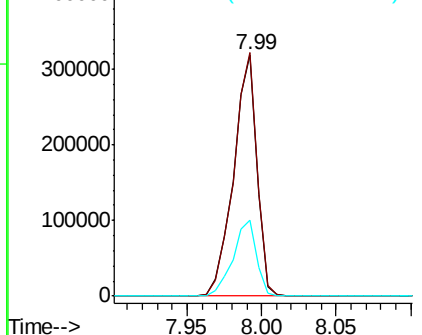


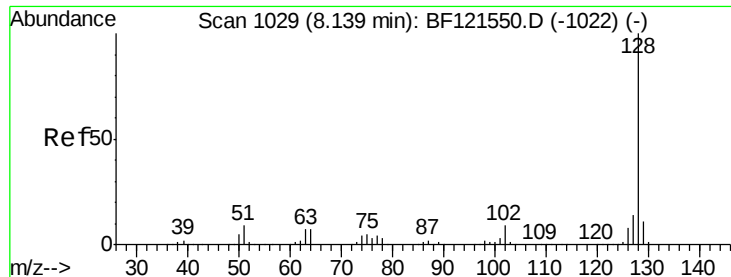
#30
 1,2,4-Trichlorobenzene
 Concen: 38.096 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	79.4	119.2
145	31.7	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

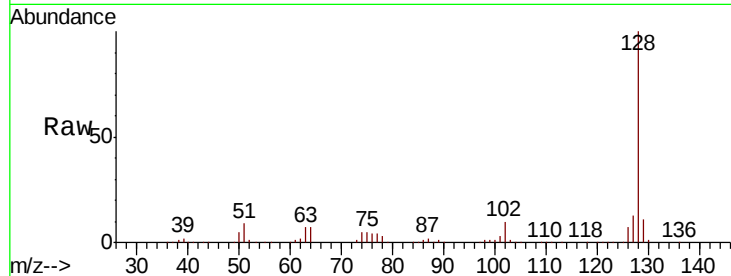




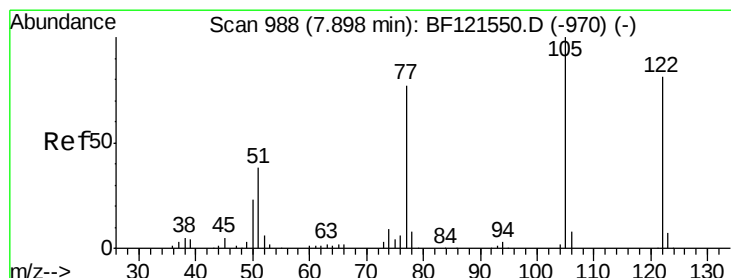
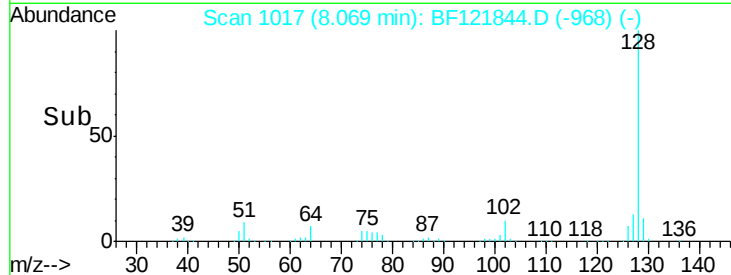
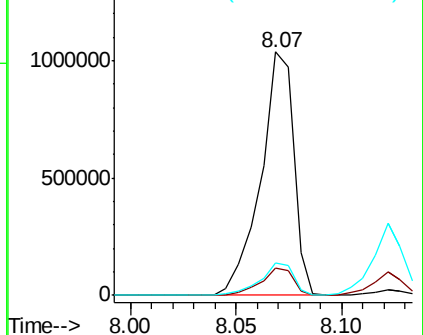
#31
Naphthalene
Concen: 37.691 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:128 Resp: 1136578
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.8 16.2

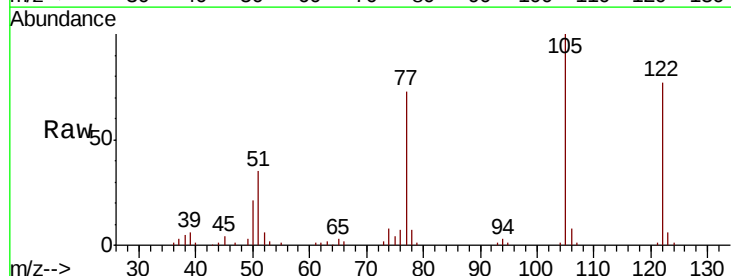


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

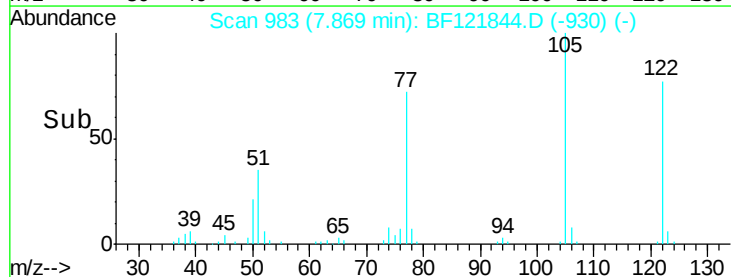
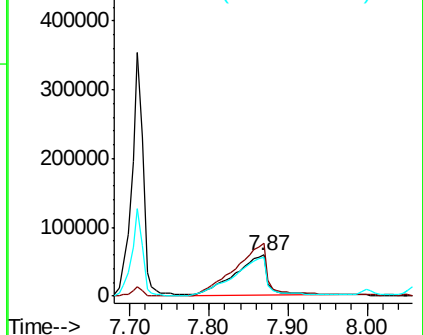


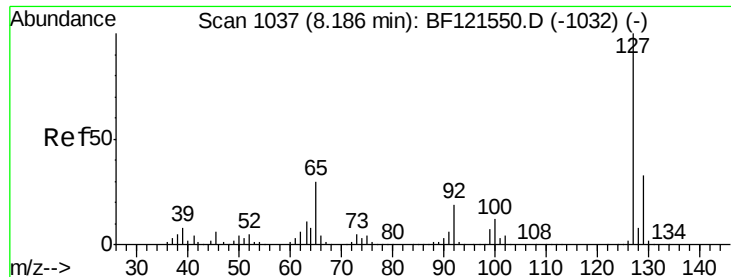
#32
Benzoic acid
Concen: 27.621 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:122 Resp: 172465
Ion Ratio Lower Upper
122 100
105 129.4 103.3 143.3
77 94.1 73.9 113.9



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

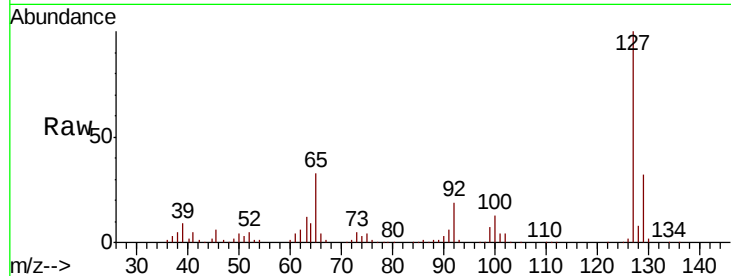




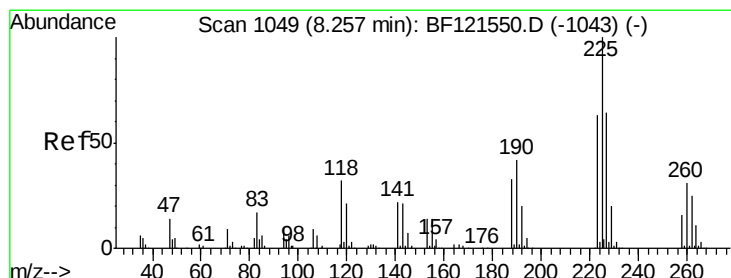
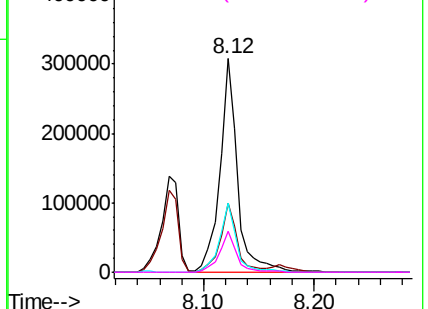
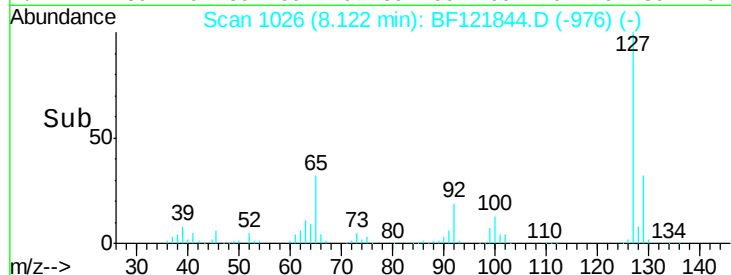
#33
4-Chloroaniline
Concen: 25.989 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:127	Resp:	339716
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.3 39.5
65	32.7	26.2 39.2
92	19.5	15.9 23.9

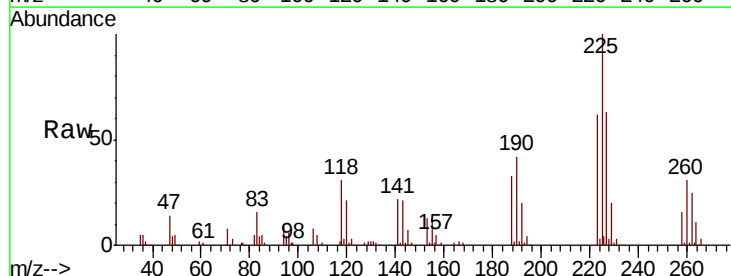


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

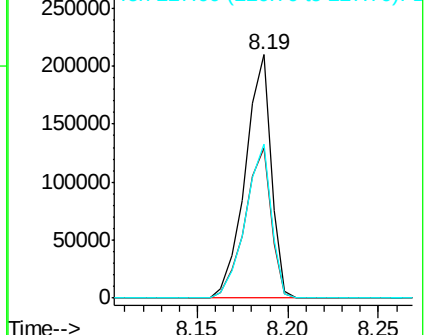
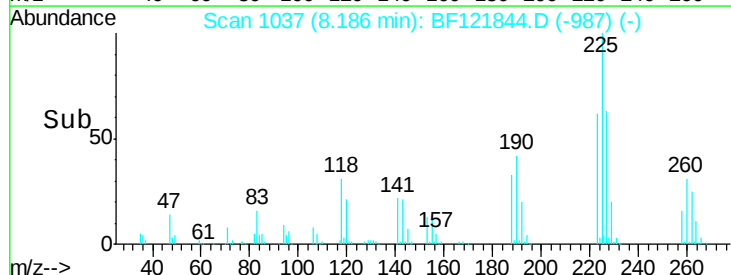


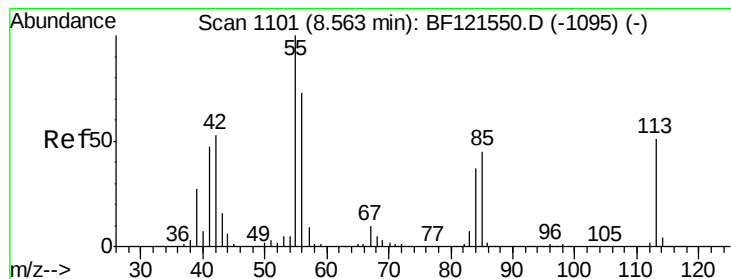
#34
Hexachlorobutadiene
Concen: 38.720 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:225	Resp:	208422
Ion Ratio	Lower	Upper
225	100	
223	61.8	51.1 76.7
227	63.4	51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.745 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

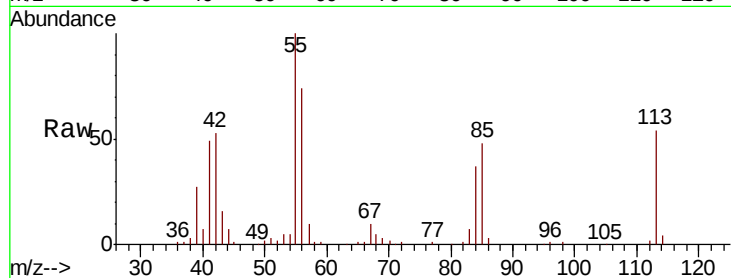
Tot Ion:113 Resp: 74653

Ion Ratio Lower Upper

113 100

55 185.4 167.5 207.5

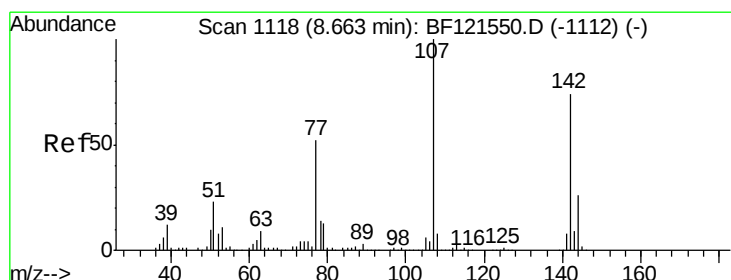
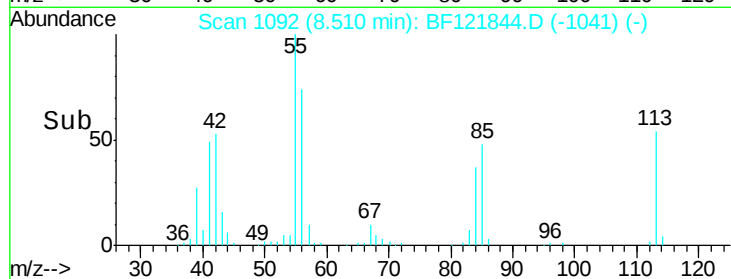
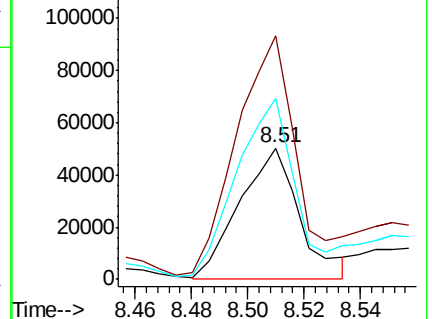
56 137.9 121.2 161.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.235 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

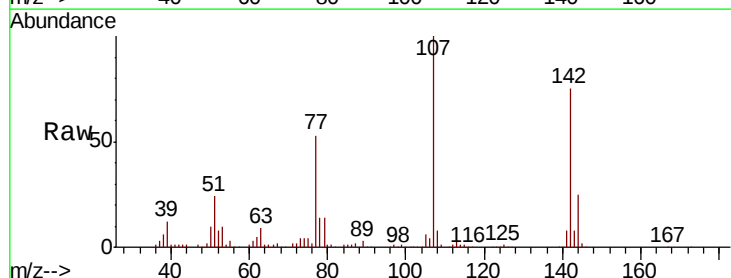
Tgt Ion:107 Resp: 358647

Ion Ratio Lower Upper

107 100

144 25.2 20.1 30.1

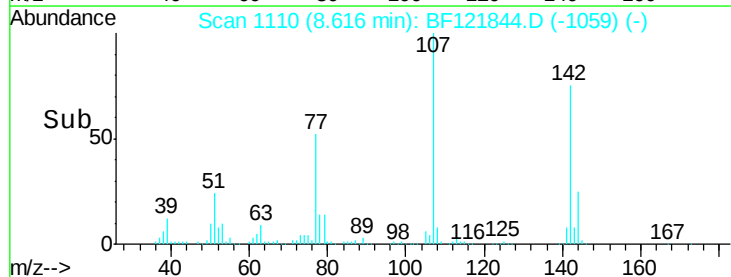
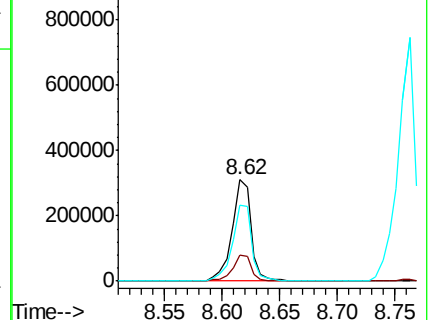
142 74.9 59.3 88.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

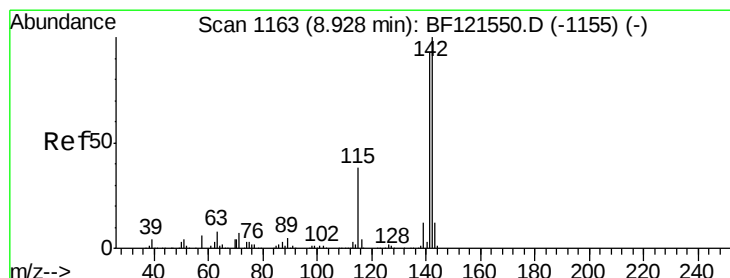
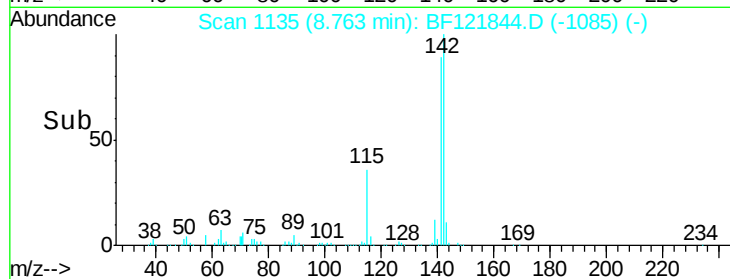
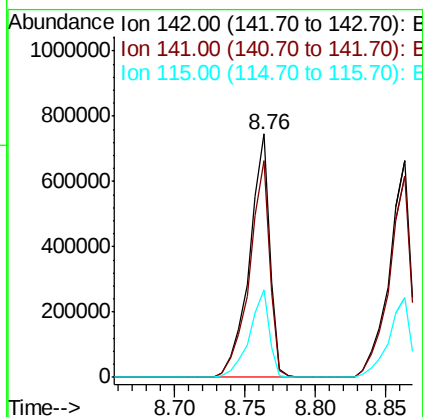
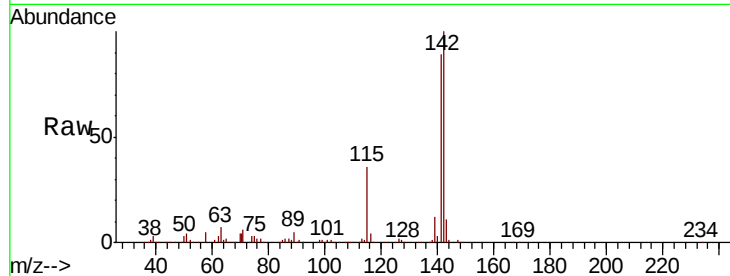




#37
 2-Methylnaphthalene
 Concen: 38.184 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

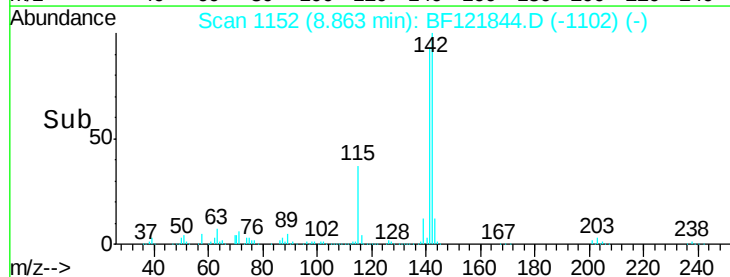
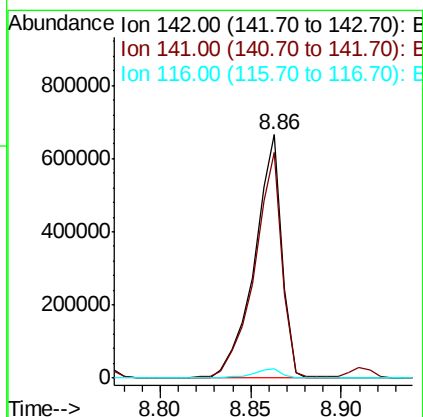
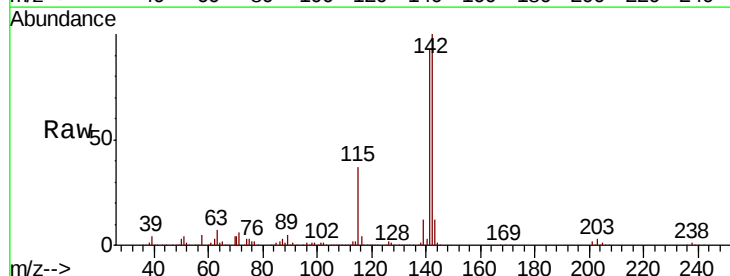
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

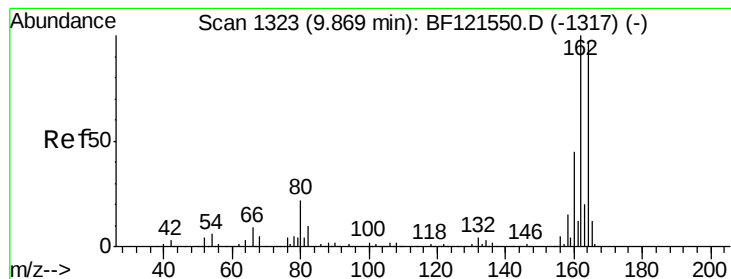
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.4
115	36.0	28.6	43.0



#38
 1-Methylnaphthalene
 Concen: 37.953 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.5	111.7
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

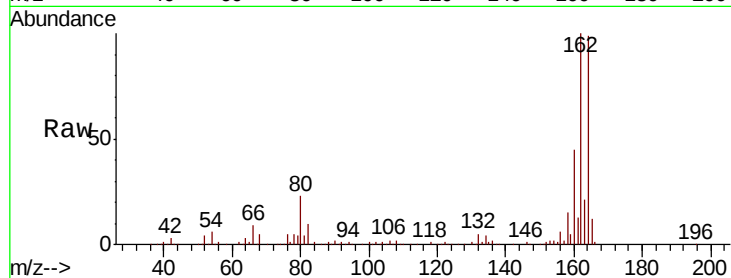
Tot Ion:164 Resp: 302526

Ion Ratio Lower Upper

164 100

162 101.2 83.2 124.8

160 46.0 37.5 56.3

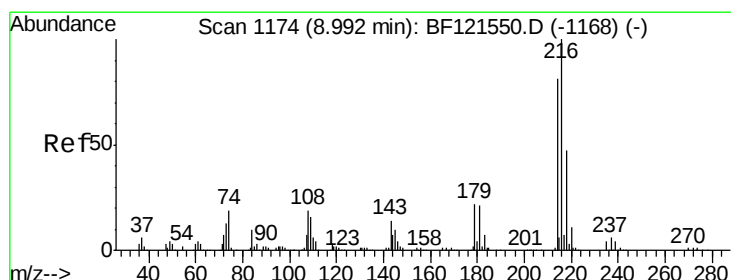
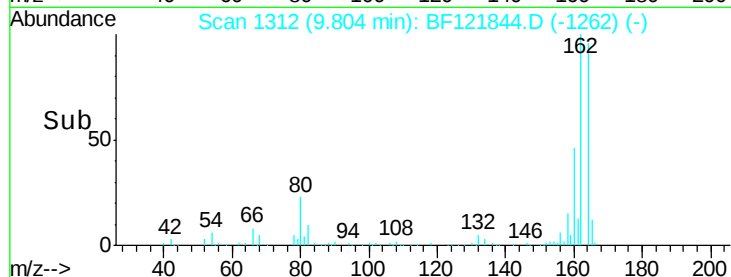
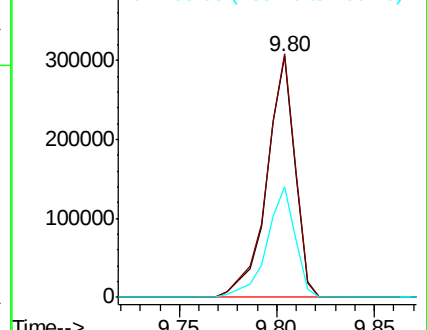


Abundance

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: 37.946 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion:216 Resp: 358591

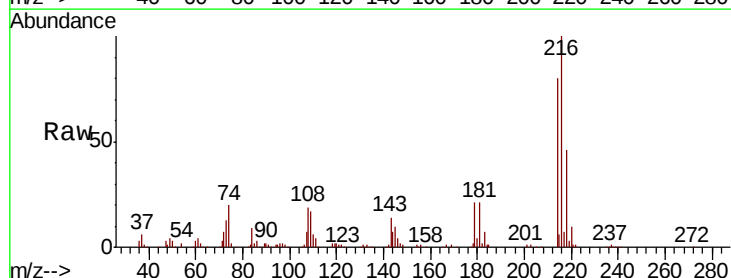
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 20.4 17.0 25.6

108 19.6 15.5 23.3



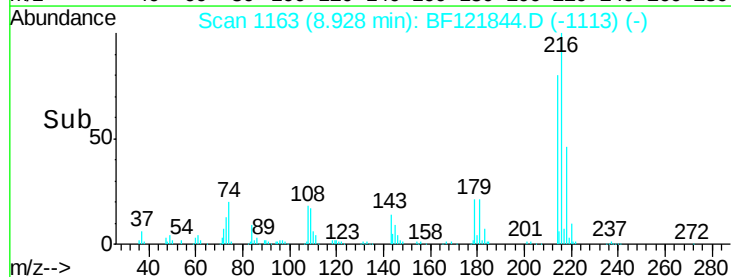
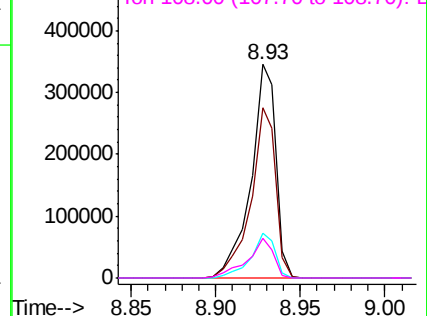
Abundance

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

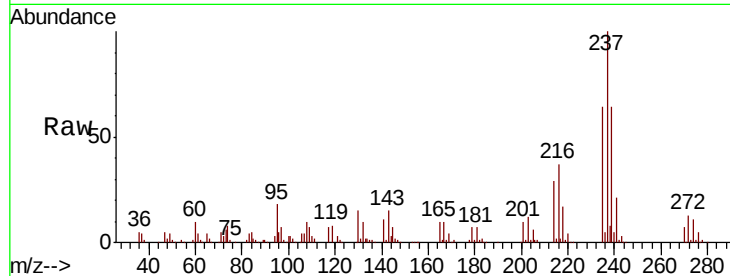




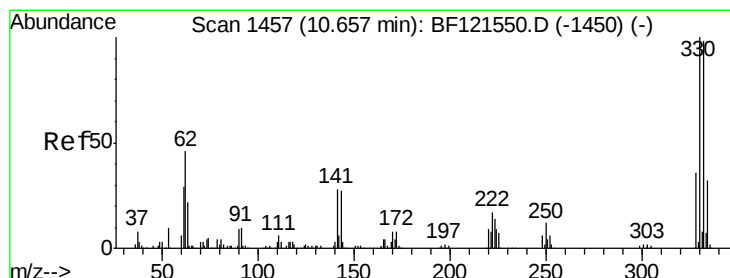
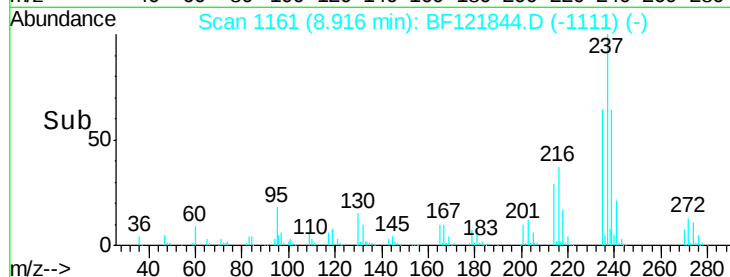
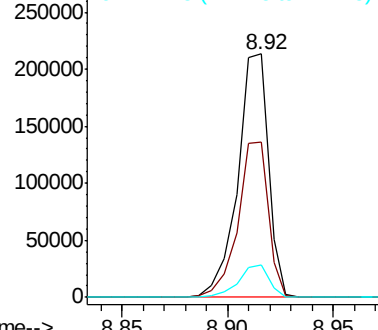
#41
Hexachlorocyclopentadiene
Concen: 40.094 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:237 Resp: 216370
Ion Ratio Lower Upper
237 100
235 63.9 41.8 81.8
272 13.5 0.0 33.5

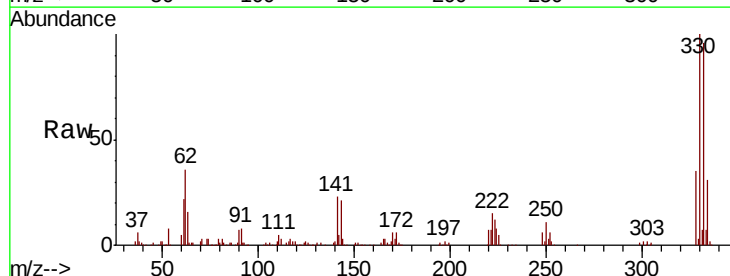


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

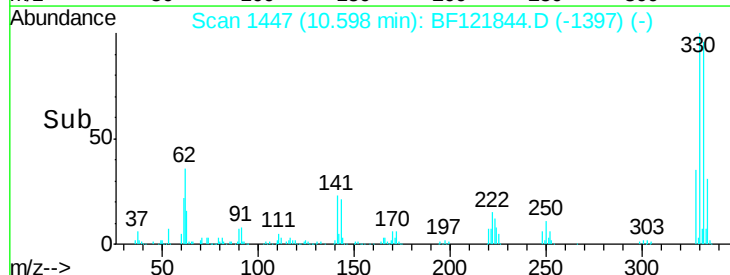
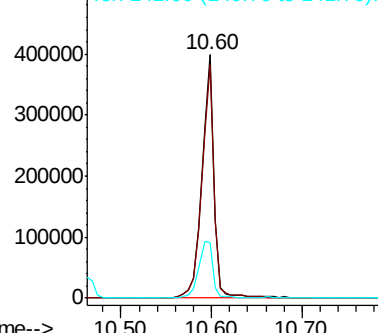


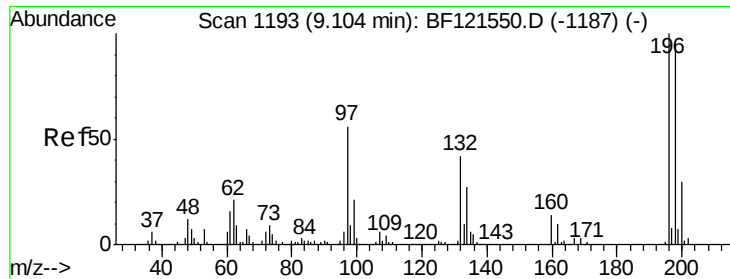
#42
2,4,6-Tribromophenol
Concen: 97.775 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:330 Resp: 367634
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 27.7 22.3 33.5



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

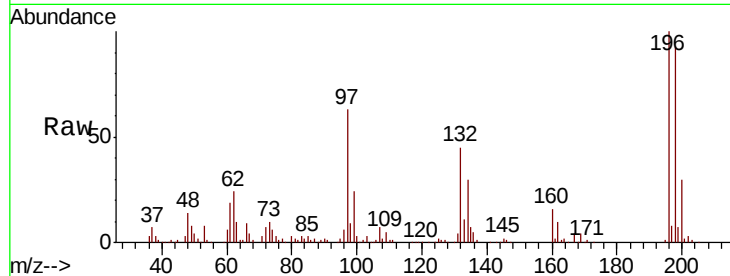




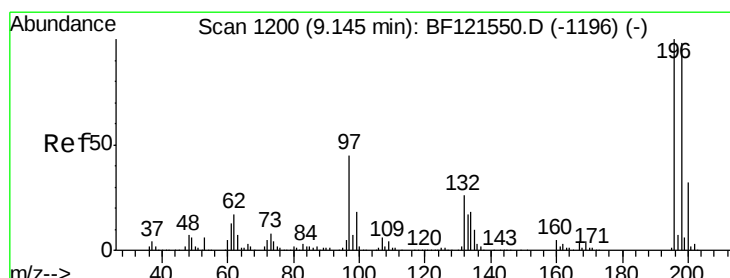
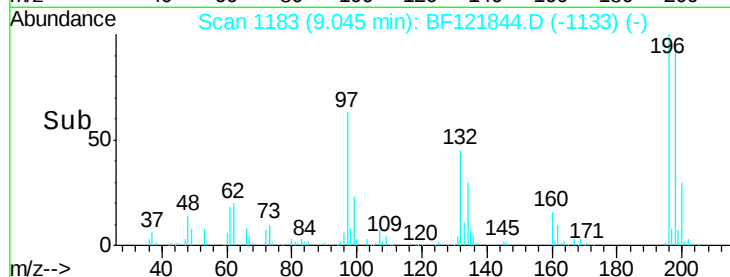
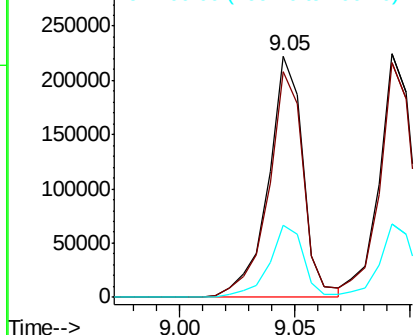
#43
 2,4,6-Trichlorophenol
 Concen: 35.857 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:196 Resp: 230961
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.8 113.6
 200 29.9 24.6 36.8



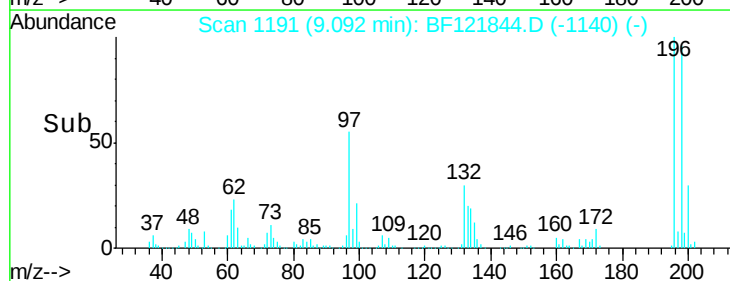
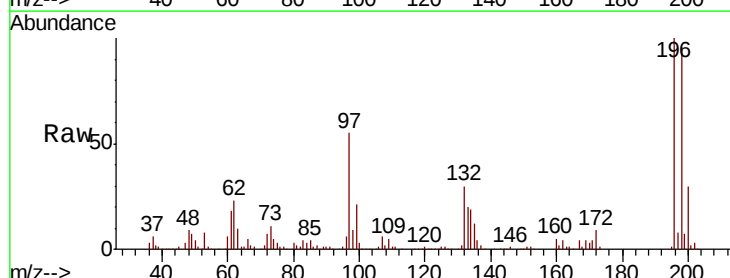
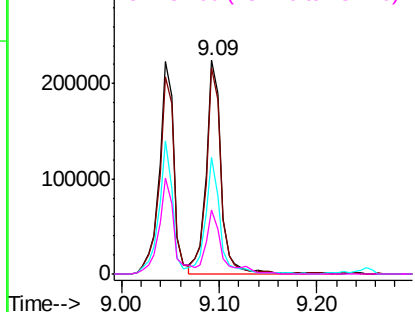
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

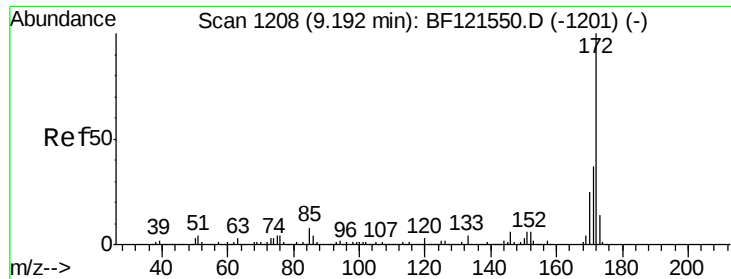


#44
 2,4,5-Trichlorophenol
 Concen: 35.084 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:196 Resp: 238903
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.1 114.1
 97 54.5 41.0 61.6
 132 29.7 22.4 33.6

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

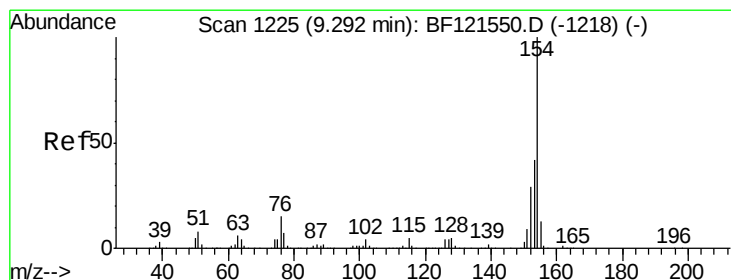
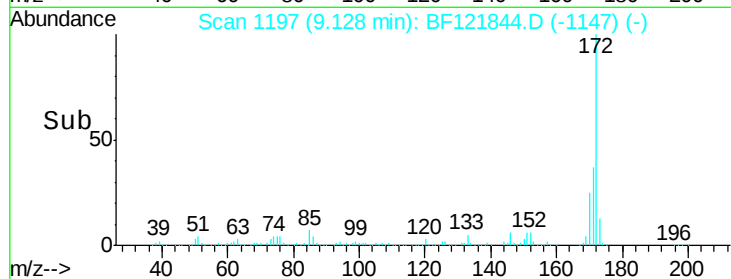
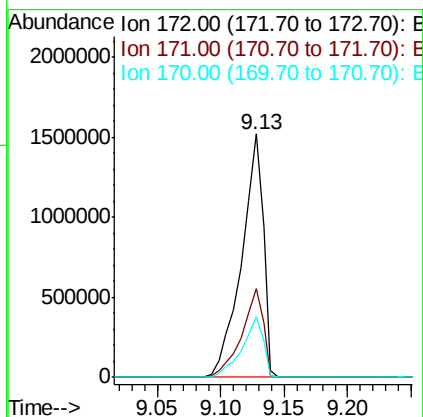
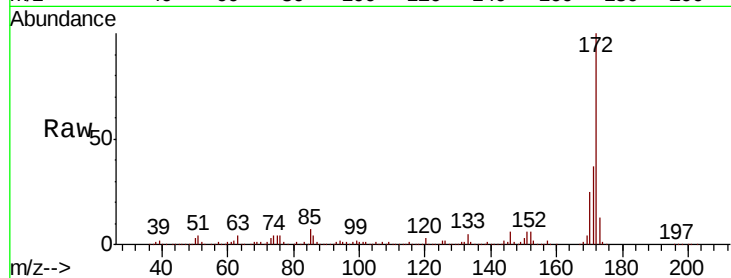




#45
2-Fluorobiphenyl
Concen: 90.430 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

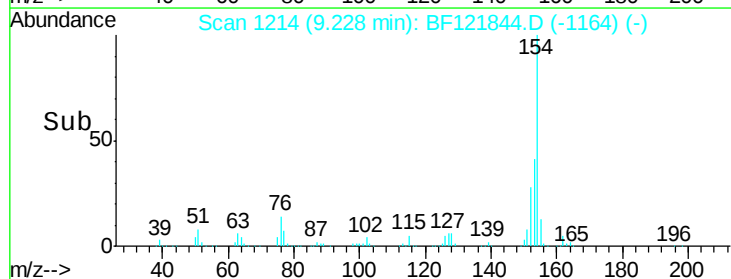
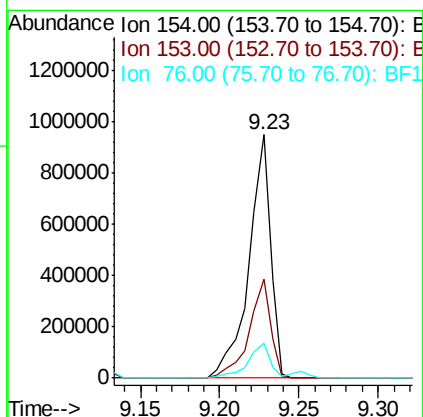
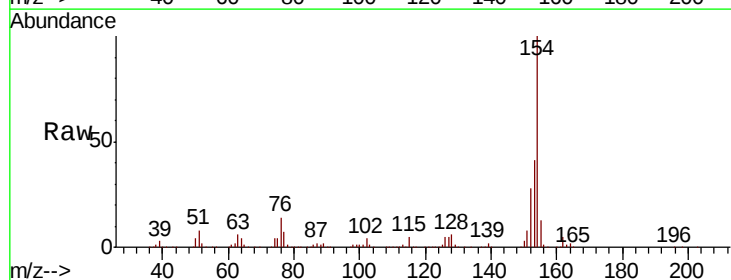
Instrument :
BNA_F
ClientSampleId :
PB132087BS

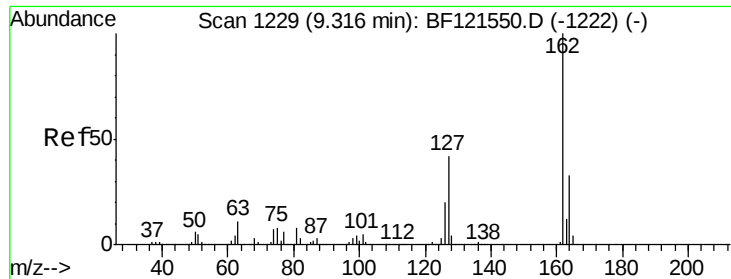
Tot Ion:172 Resp: 1806332
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 37.118 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:154 Resp: 898961
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 14.2 0.0 34.7

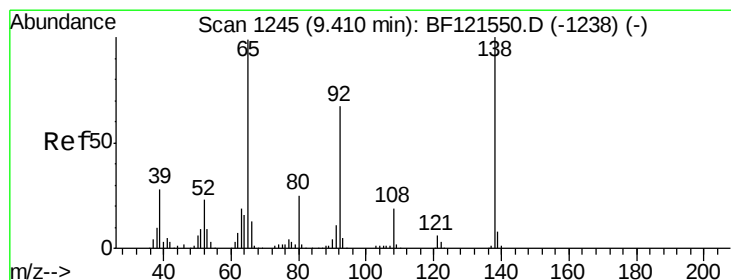
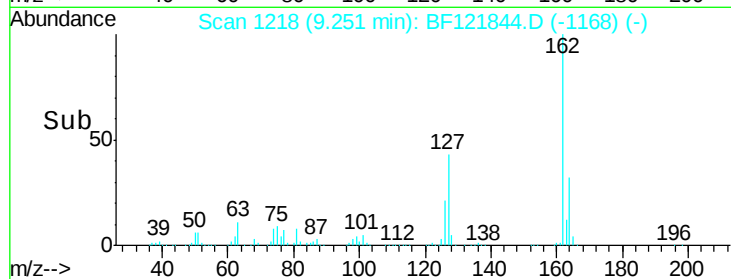
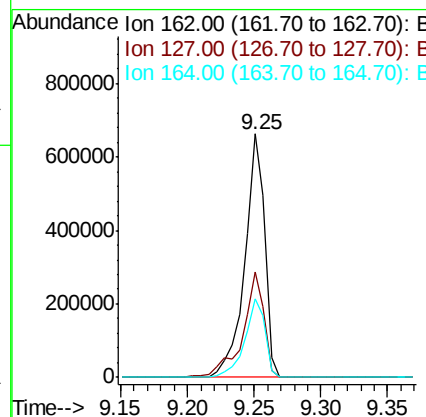
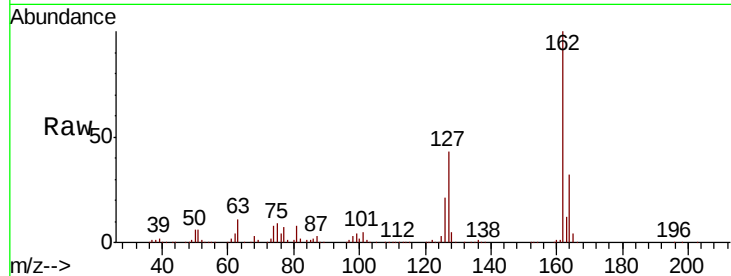




#47
 2-Chloronaphthalene
 Concen: 35.791 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

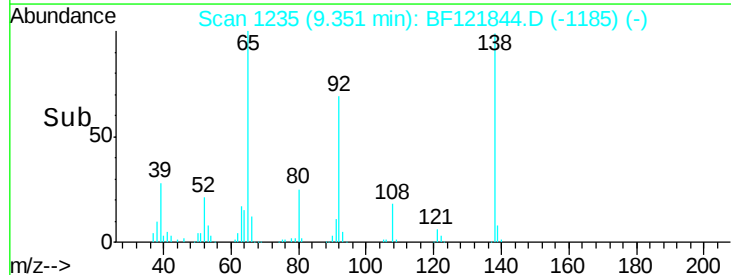
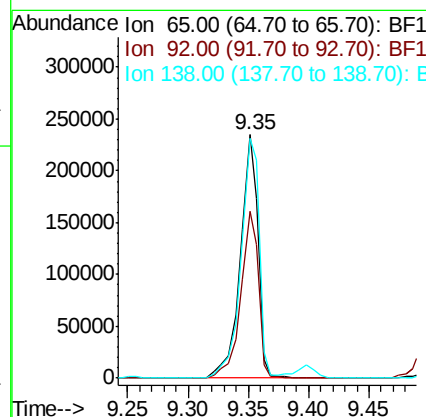
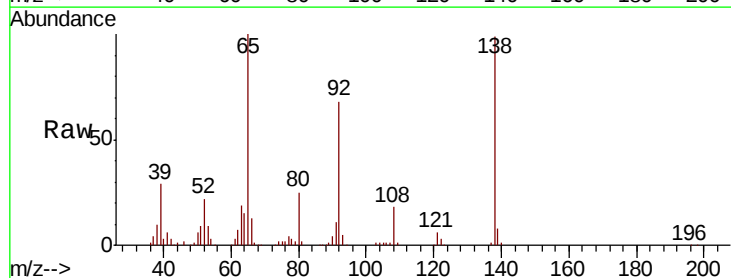
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

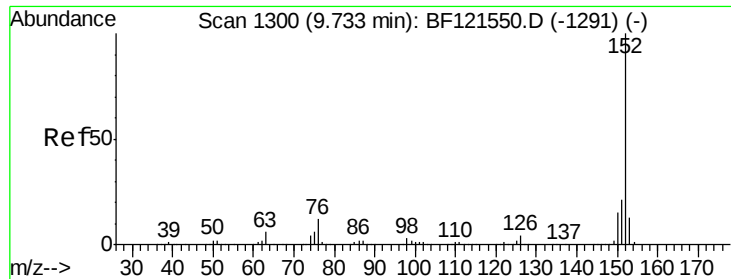
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.2	34.4	51.6
164	32.5	26.3	39.5



#48
 2-Nitroaniline
 Concen: 40.498 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.1	82.7
138	98.7	80.5	120.7





#49

Acenaphthylene

Concen: 36.780 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

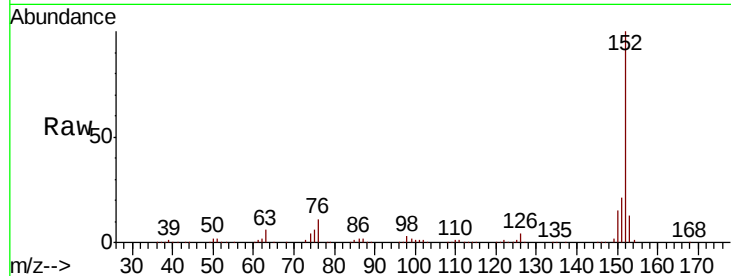
Tot Ion:152 Resp: 1078537

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

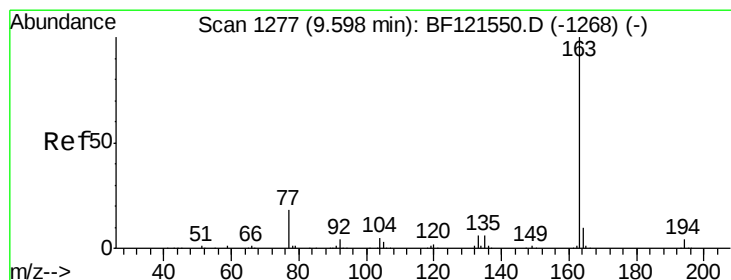
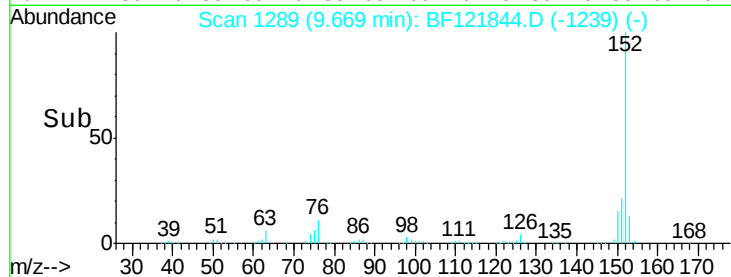
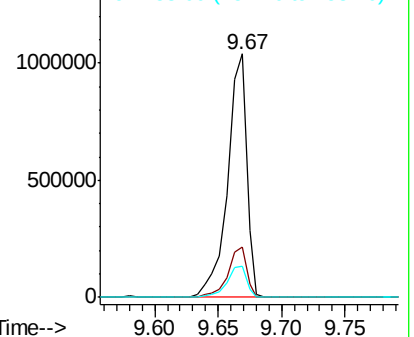
153 13.0 10.6 15.8



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: 37.741 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

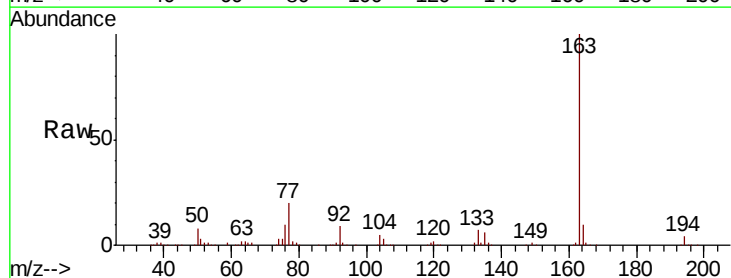
Tgt Ion:163 Resp: 827530

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

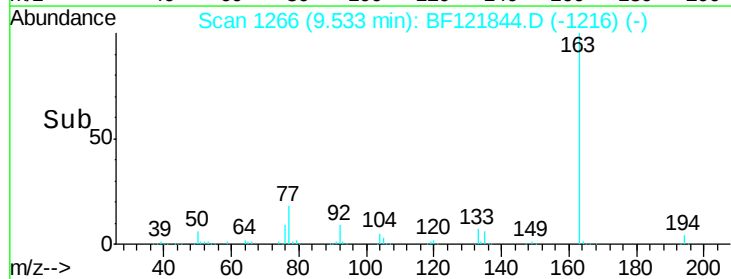
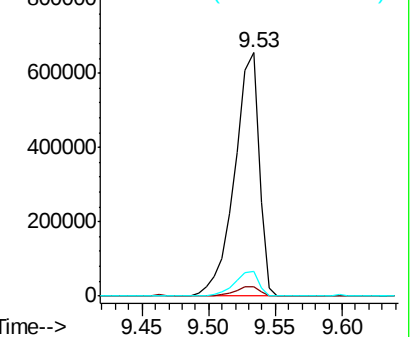
164 10.0 8.2 12.4

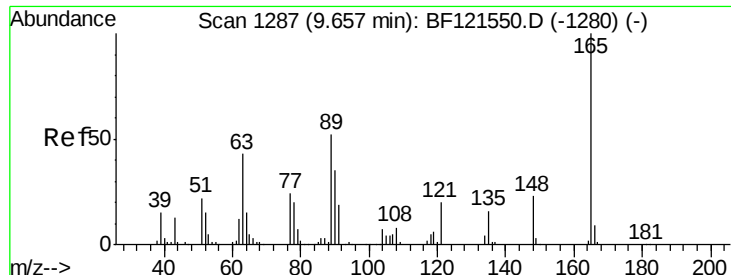


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

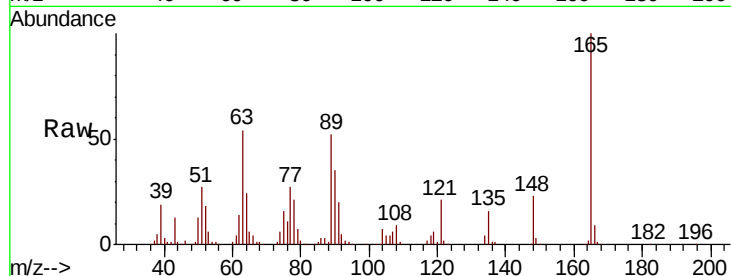




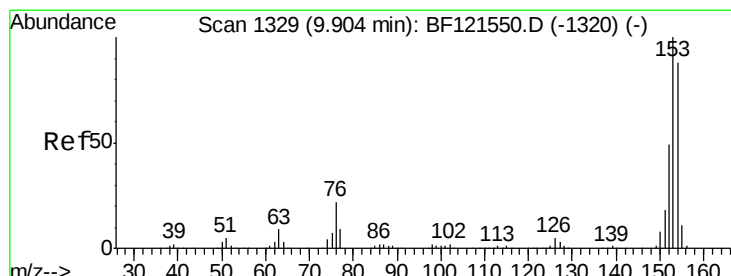
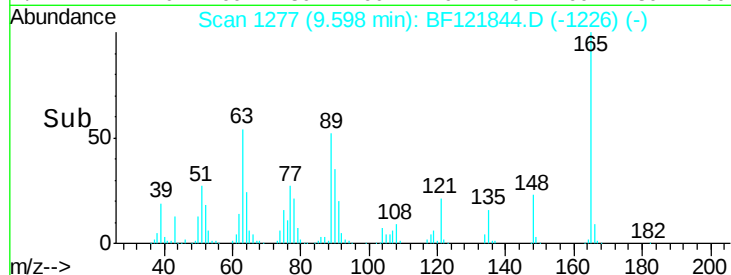
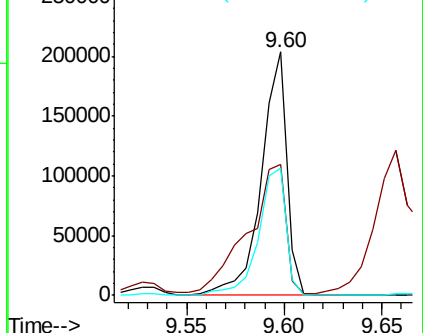
#51
 2,6-Dinitrotoluene
 Concen: 39.470 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:165 Resp: 184309
 Ion Ratio Lower Upper
 165 100
 63 53.6 51.8 77.6
 89 52.3 49.0 73.6

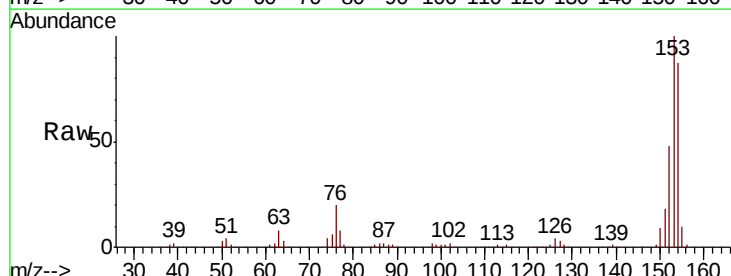


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

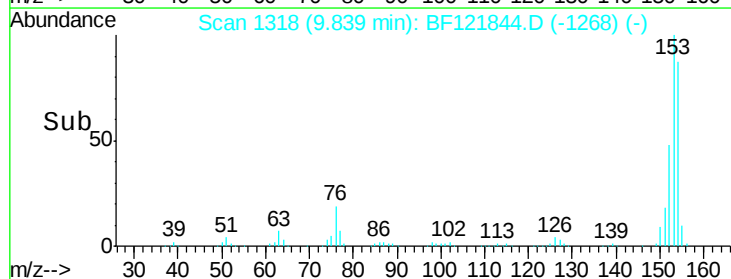
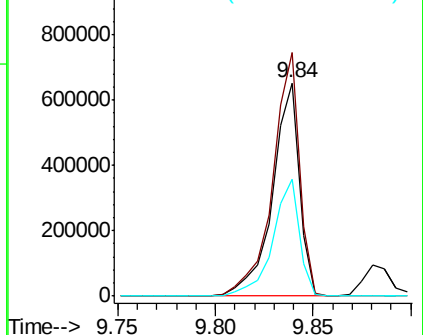


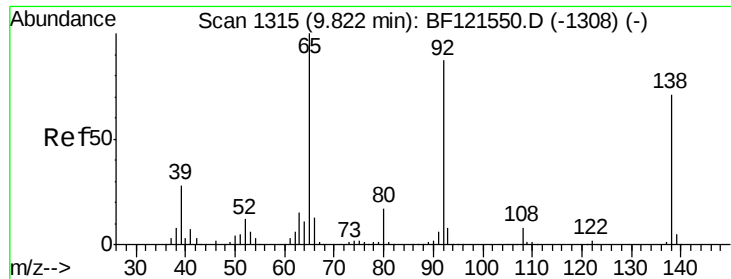
#52
 Acenaphthene
 Concen: 33.794 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:154 Resp: 625912
 Ion Ratio Lower Upper
 154 100
 153 114.4 89.8 134.8
 152 55.1 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

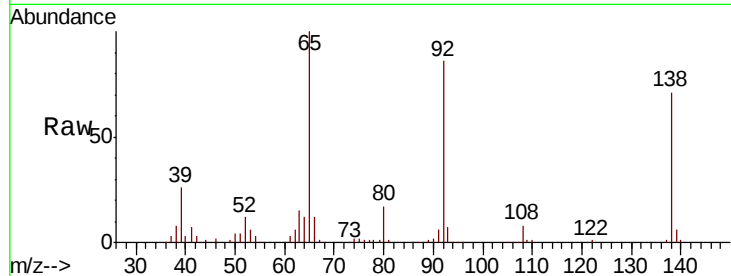




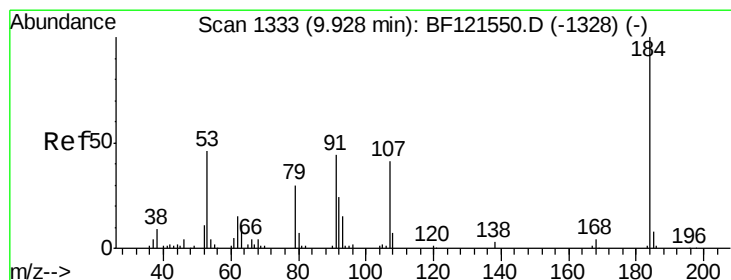
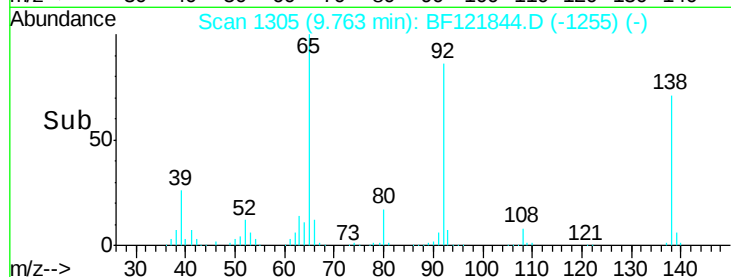
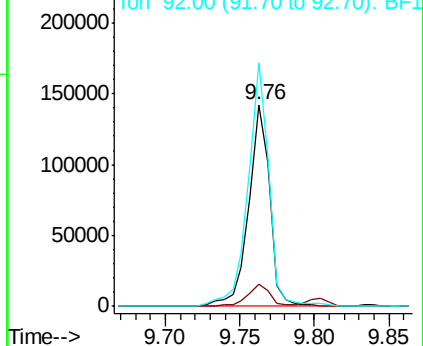
#53
3-Nitroaniline
Concen: 25.618 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:138 Resp: 138580
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 120.9 96.6 144.8

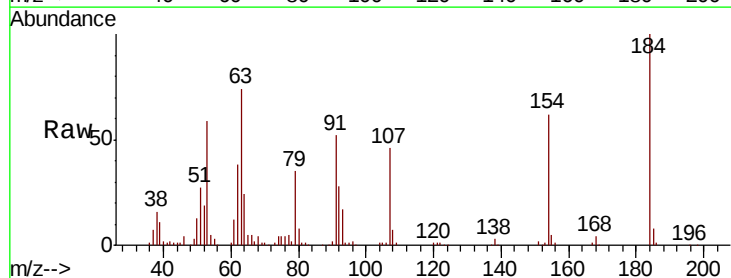


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

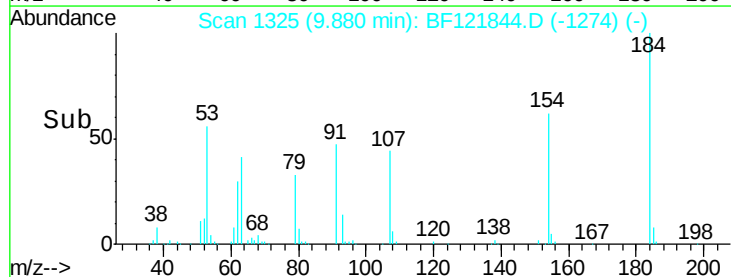
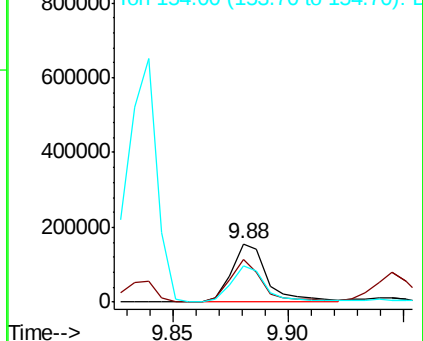


#54
2,4-Dinitrophenol
Concen: 64.483 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:184 Resp: 168345
Ion Ratio Lower Upper
184 100
63 73.7 45.9 68.9#
154 62.0 45.8 68.6



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

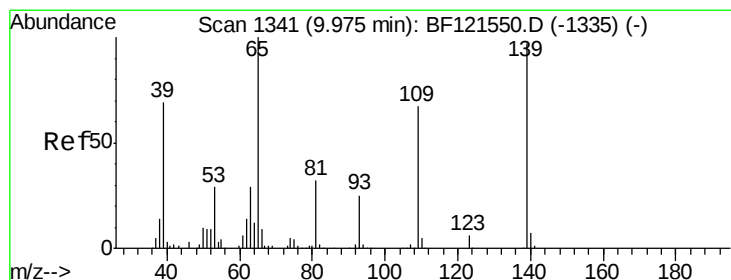
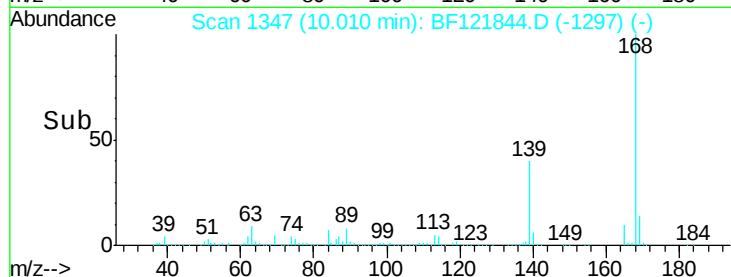
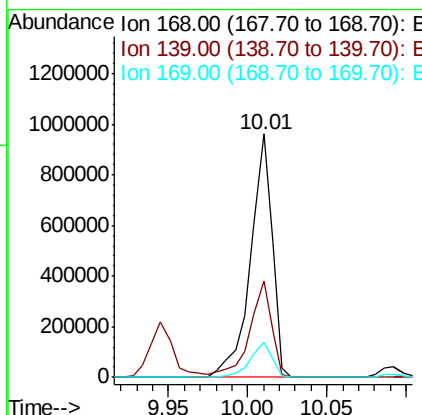
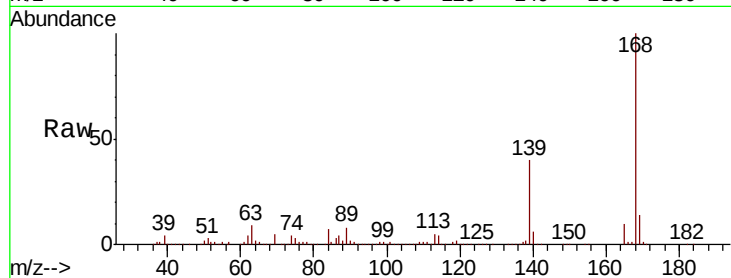




#55
Dibenzofuran
Concen: 35.003 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

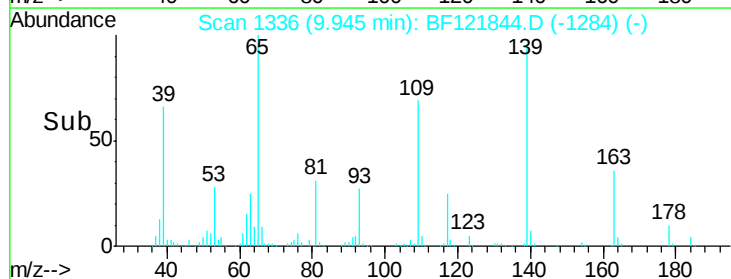
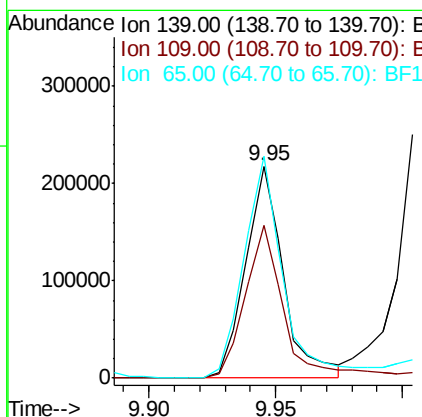
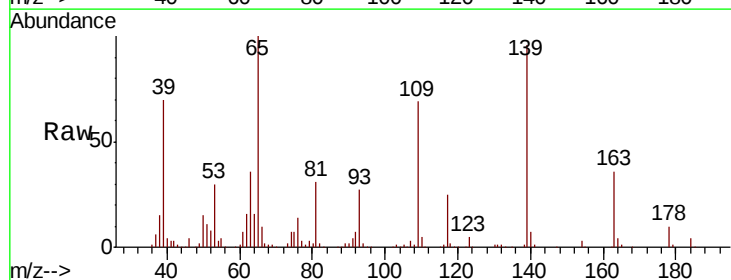
Instrument :
BNA_F
ClientSampleId :
PB132087BS

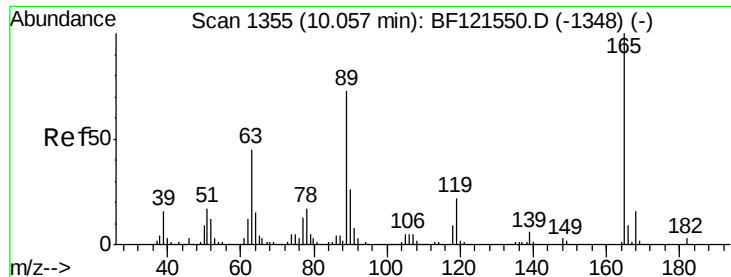
Tot Ion:168 Resp: 912991
Ion Ratio Lower Upper
168 100
139 39.8 31.0 46.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 52.595 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:139 Resp: 226900
Ion Ratio Lower Upper
139 100
109 72.3 45.4 85.4
65 104.7 68.4 108.4

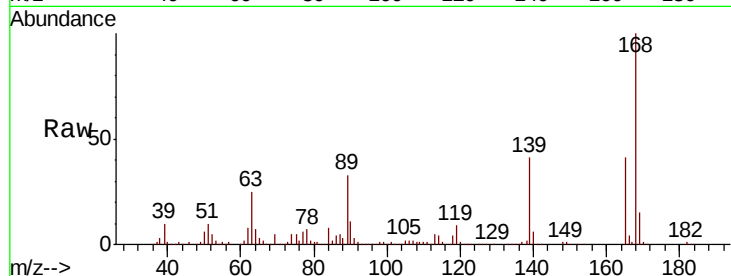




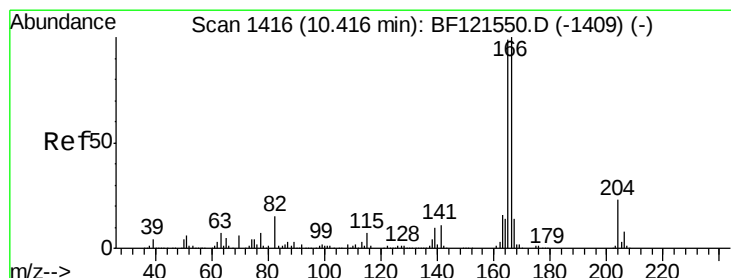
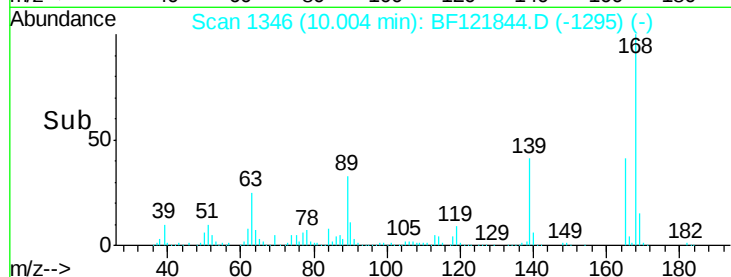
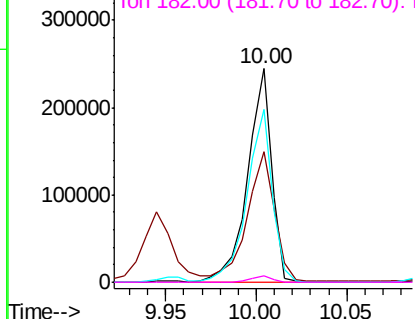
#57
2,4-Dinitrotoluene
Concen: 38.458 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:165	Resp:	225928
Ion Ratio	Lower	Upper
165	100	
63	61.0	41.3 61.9
89	81.1	61.8 92.8
182	2.8	2.1 3.1

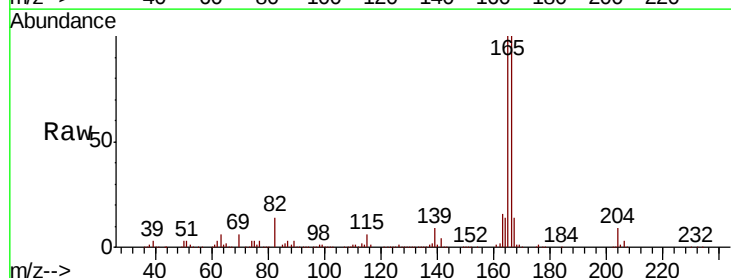


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

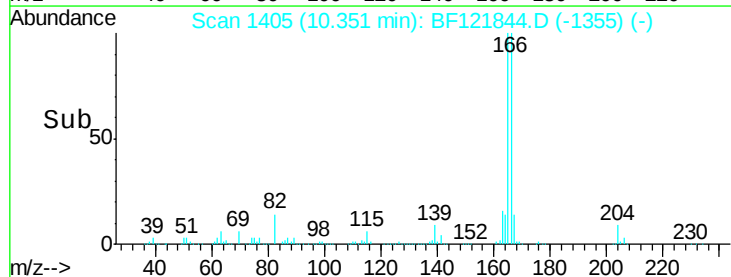
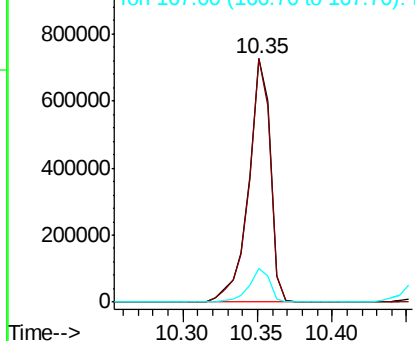


#58
Fluorene
Concen: 36.332 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:166	Resp:	724697
Ion Ratio	Lower	Upper
166	100	
165	100.0	79.1 118.7
167	13.8	11.0 16.6



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

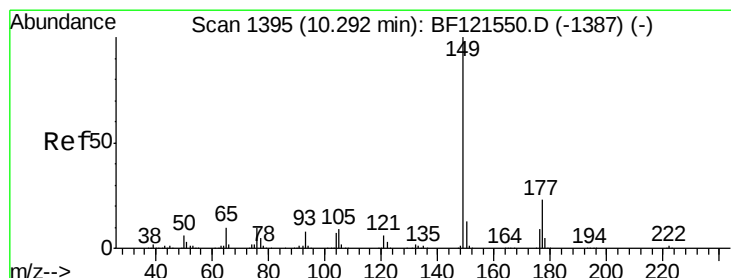
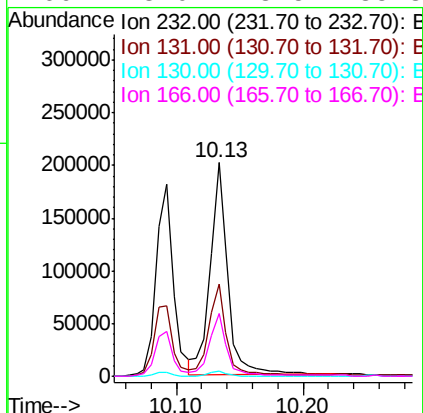
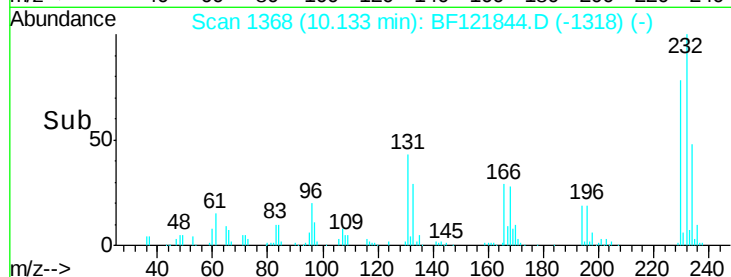
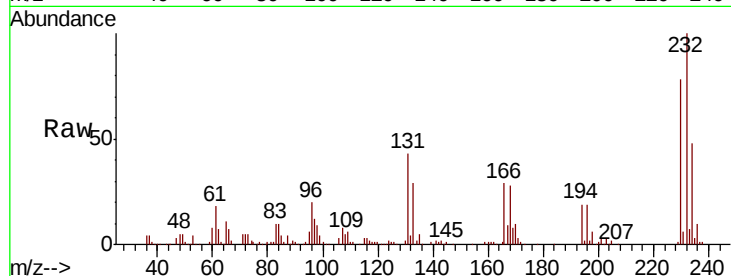




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.235 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

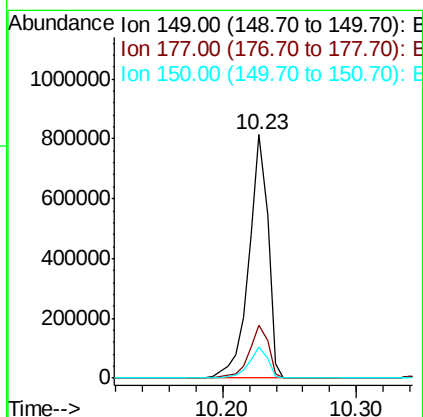
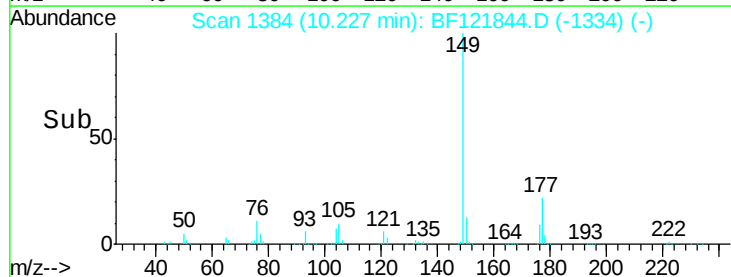
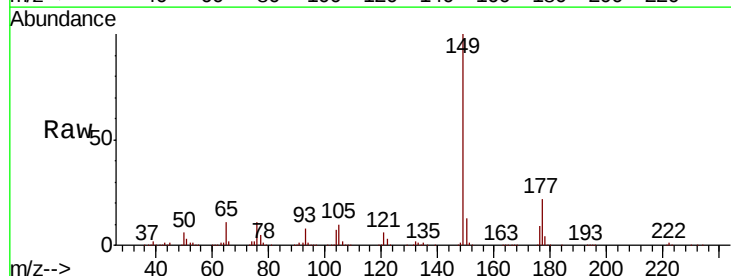
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

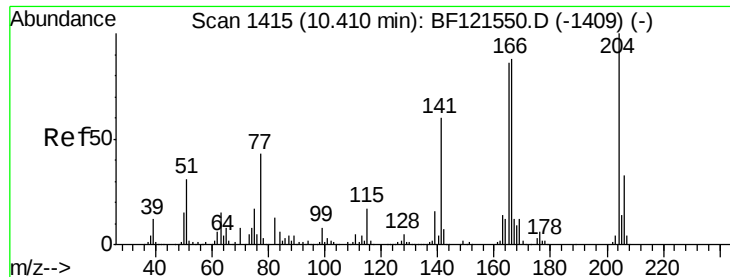
Tot Ion:	232	Resp:	200589
Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.9	53.9
130	2.2	1.8	2.6
166	28.0	23.5	35.3



#60
 Diethylphthalate
 Concen: 36.990 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:	149	Resp:	790780
Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.1	27.1
150	12.8	10.3	15.5

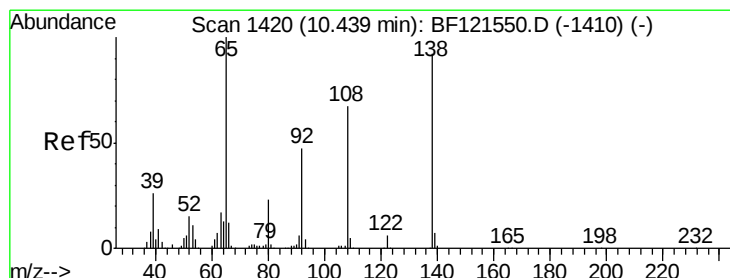
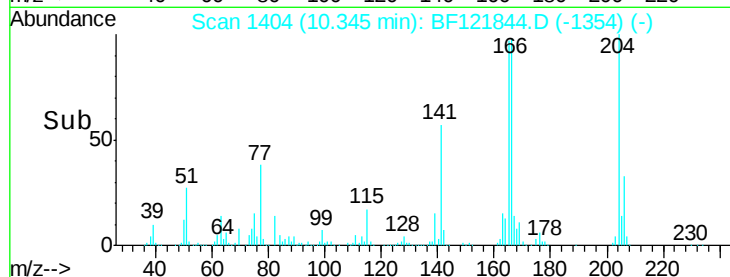
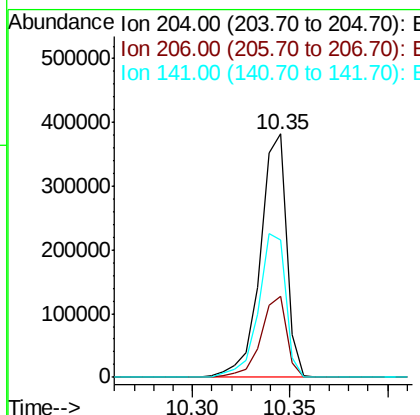
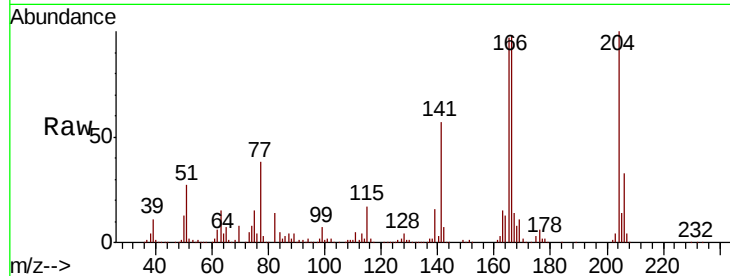




#61
 4-Chlorophenyl-phenylether
 Concen: 37.402 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

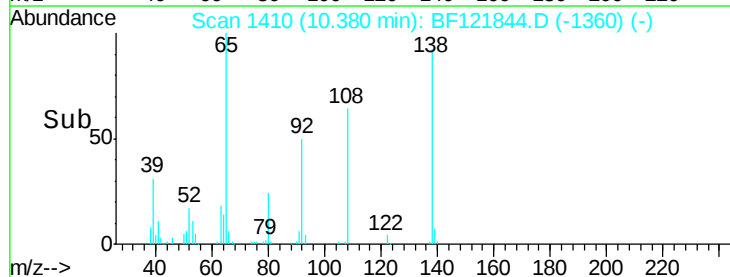
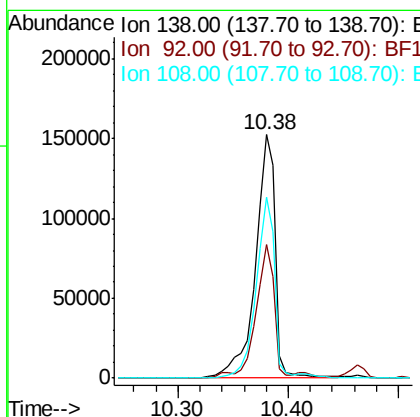
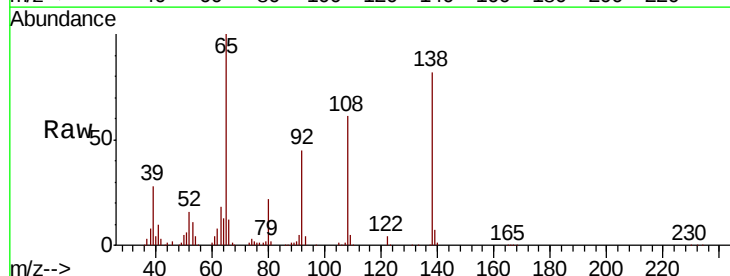
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

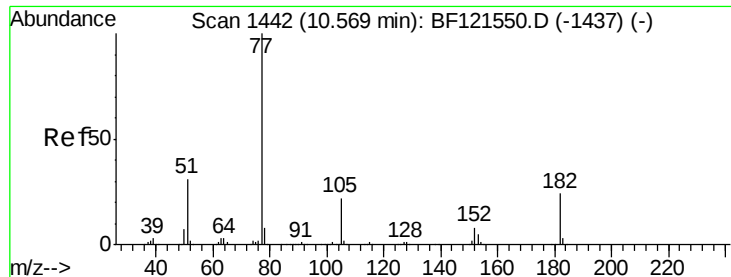
Tot Ion:	204	Resp:	357372
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	56.7	46.2	69.4



#62
 4-Nitroaniline
 Concen: 35.853 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:	138	Resp:	192571
Ion	Ratio	Lower	Upper
138	100		
92	54.7	31.0	71.0
108	74.1	51.5	91.5





#63

Azobenzene

Concen: 36.149 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

Tot Ion: 77 Resp: 822971

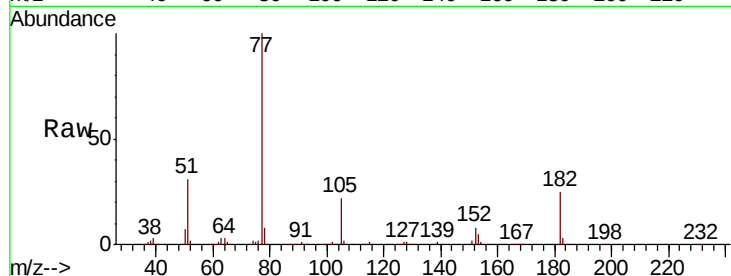
Ion Ratio Lower Upper

77 100

182 24.6 3.4 43.4

105 21.6 1.7 41.7

51 31.0 11.6 51.6

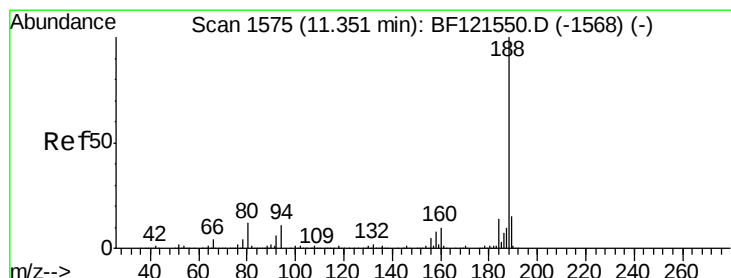
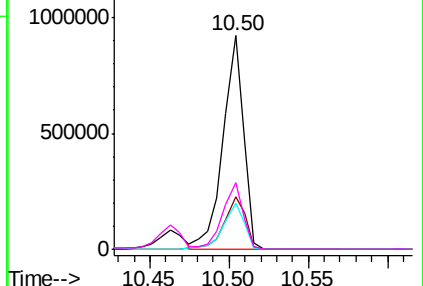
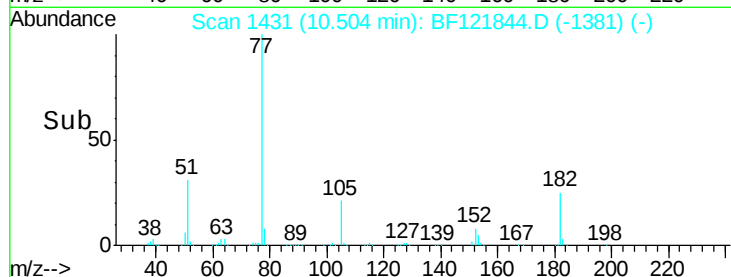


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

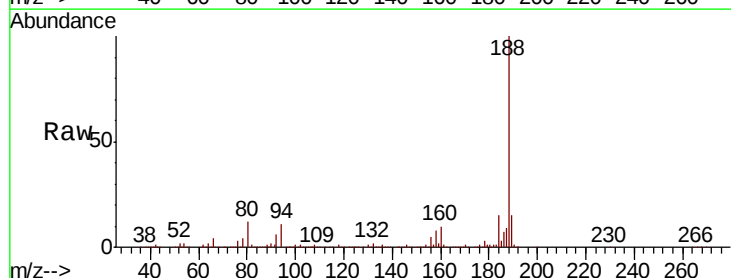
Tgt Ion: 188 Resp: 557273

Ion Ratio Lower Upper

188 100

94 11.4 8.3 12.5

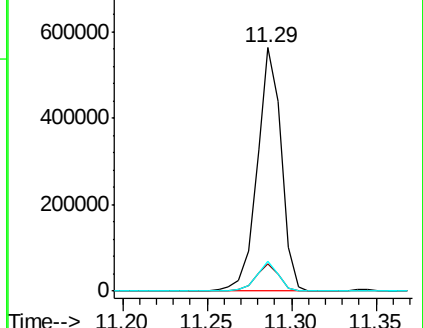
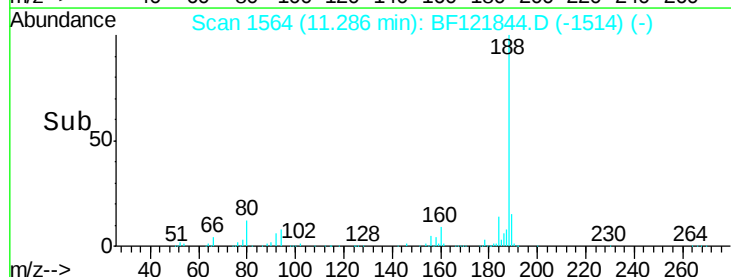
80 12.2 9.1 13.7

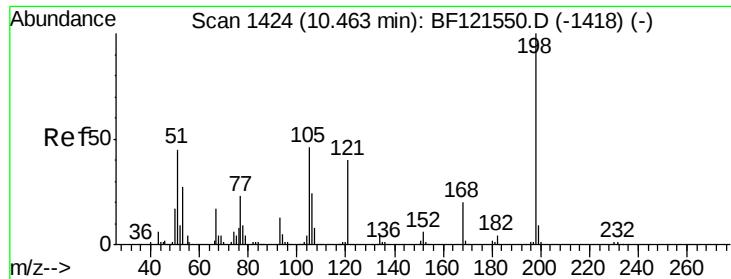


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

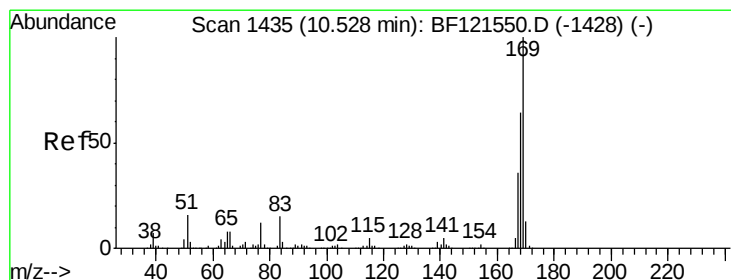
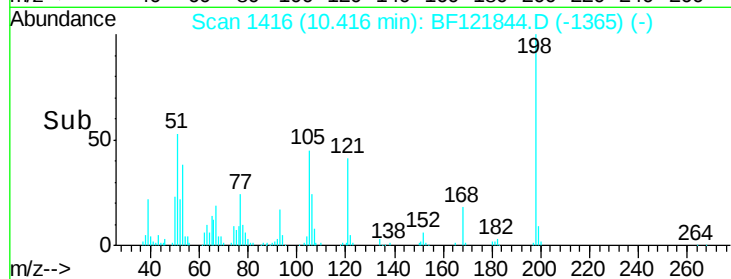
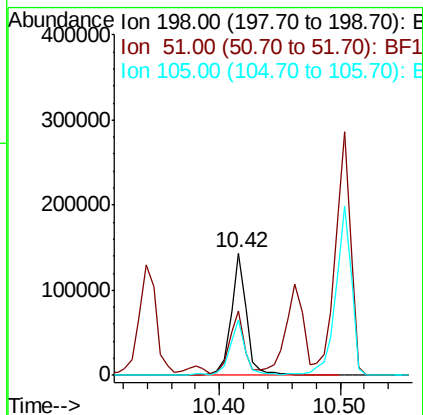
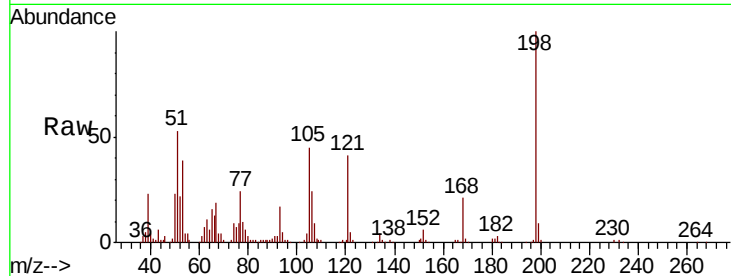




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.704 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

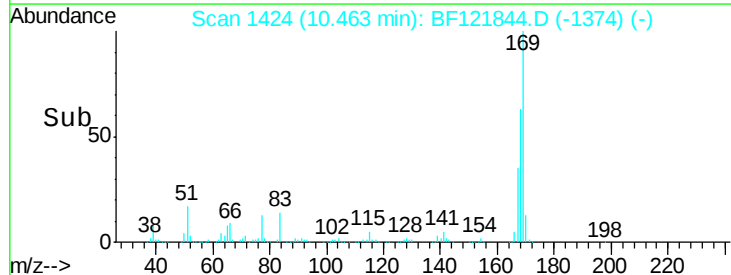
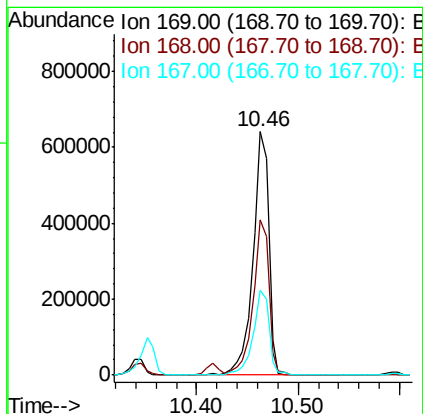
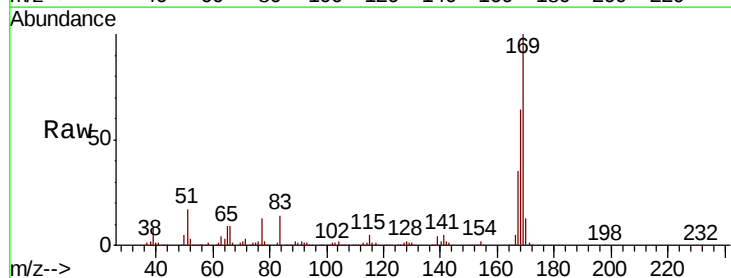
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

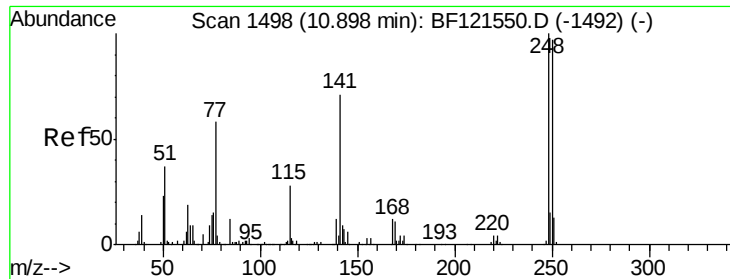
Tot Ion	Ratio	Lower	Upper
198	100		
51	52.7	29.6	69.6
105	44.8	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 36.162 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	50.0	75.0
167	34.9	27.8	41.6

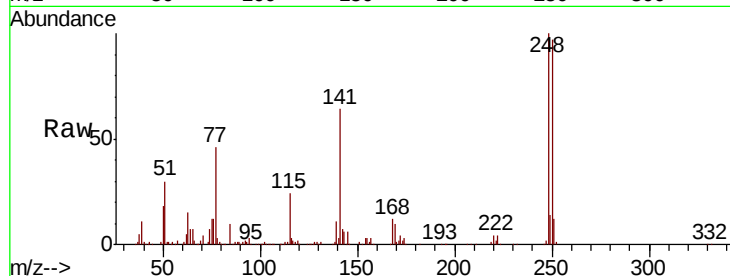




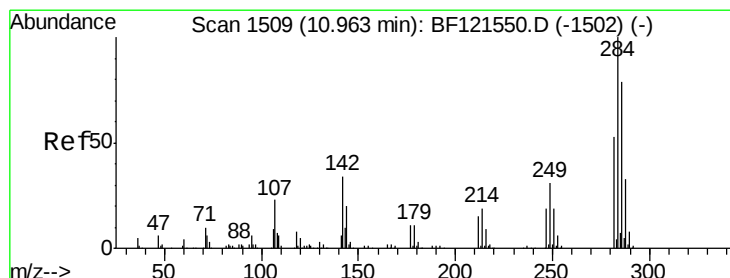
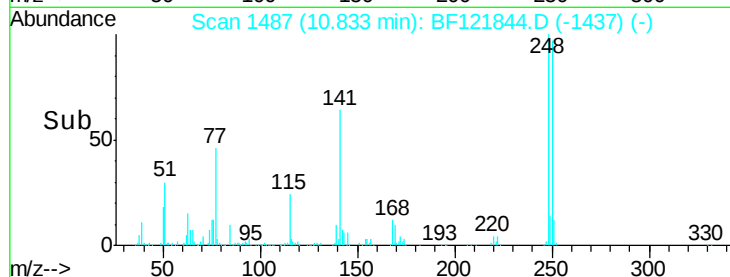
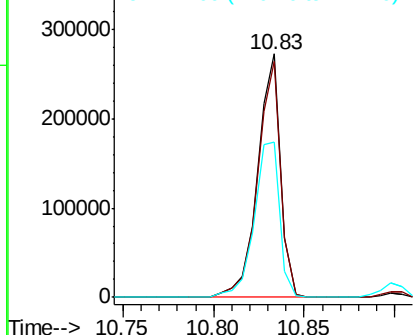
#67
4-Bromophenyl-phenylether
Concen: 37.700 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.6
141	63.7	53.7	80.5

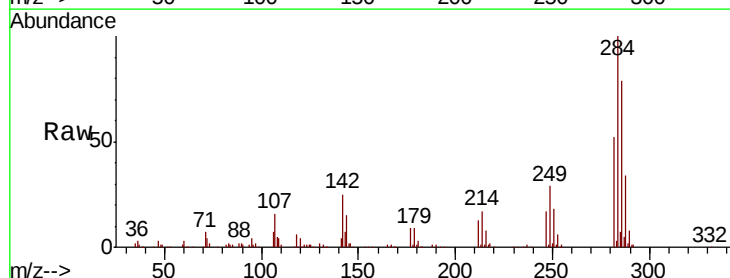


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

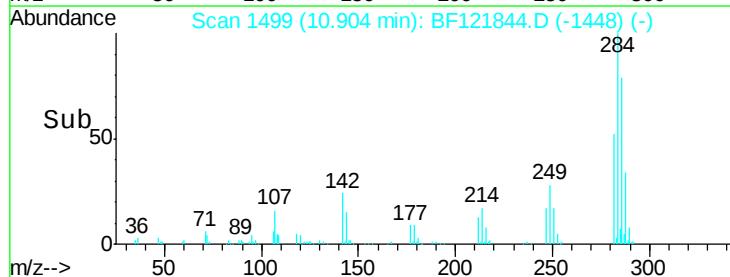
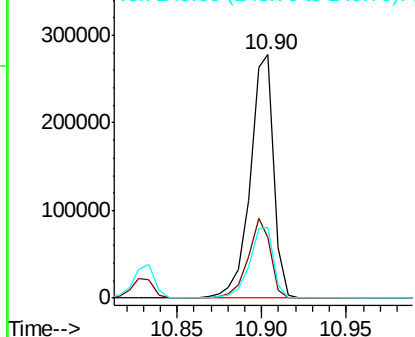


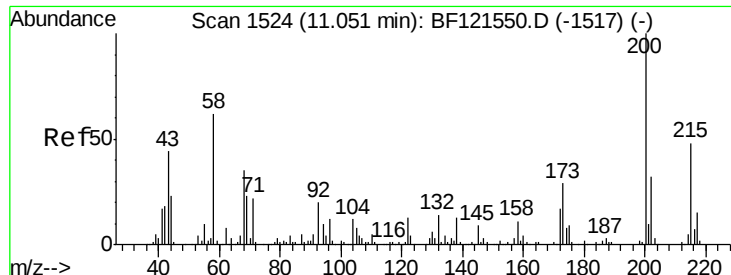
#68
Hexachlorobenzene
Concen: 37.830 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	27.4	41.2#
249	28.9	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

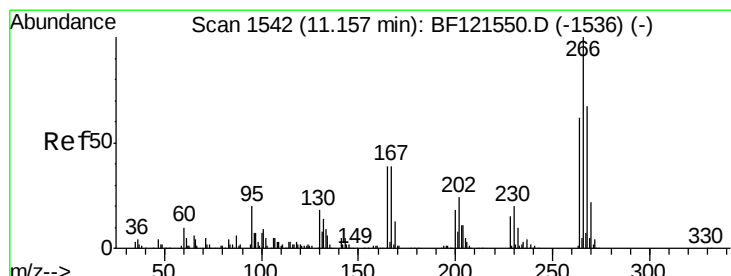
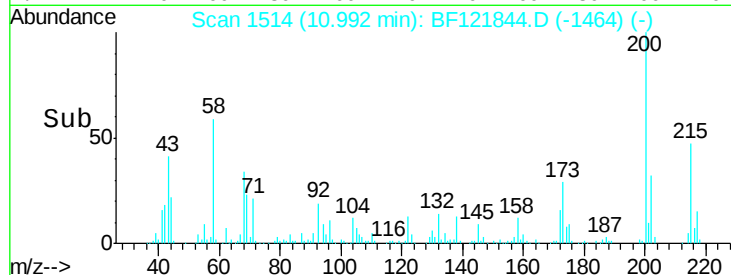
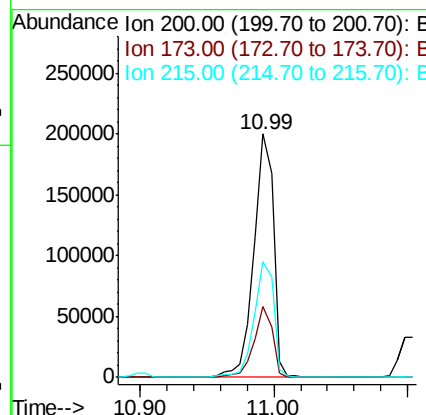
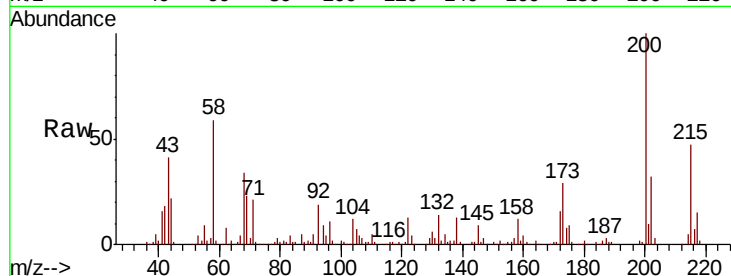




#69
 Atrazine
 Concen: 42.368 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

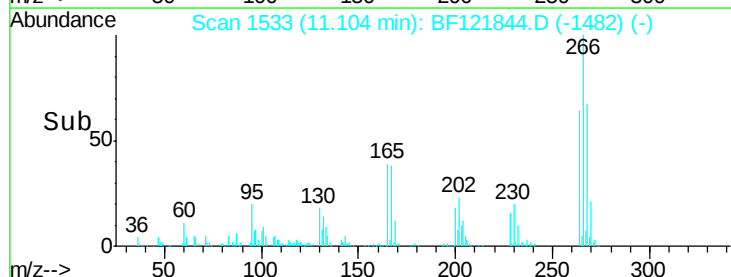
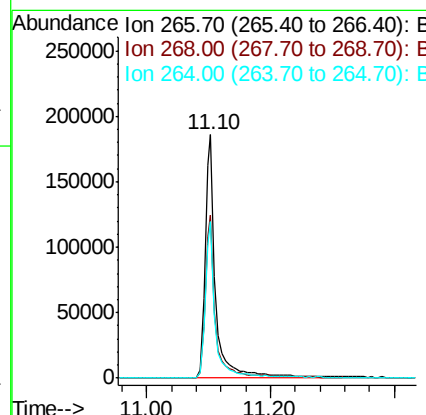
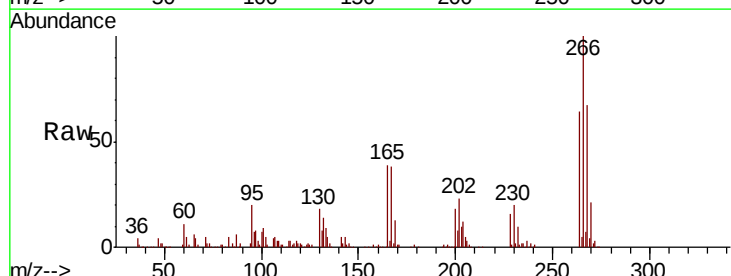
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:200 Resp: 201247
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.5 47.5
 215 47.3 27.1 67.1



#70
 Pentachlorophenol
 Concen: 58.286 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:266 Resp: 229200
 Ion Ratio Lower Upper
 266 100
 268 67.0 52.4 78.6
 264 64.3 49.9 74.9

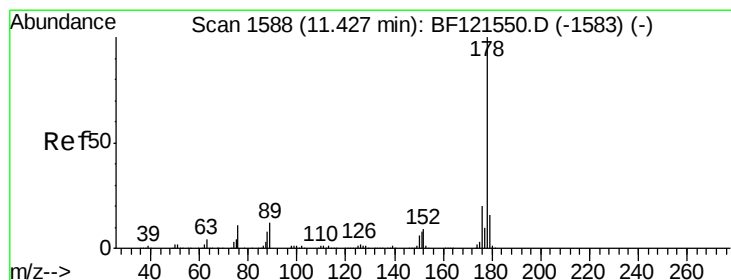
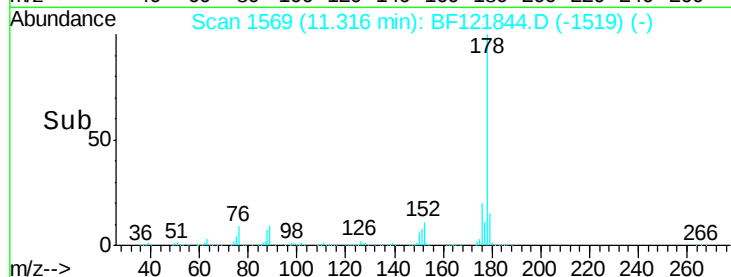
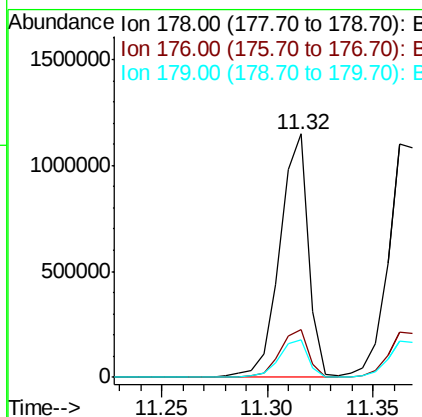
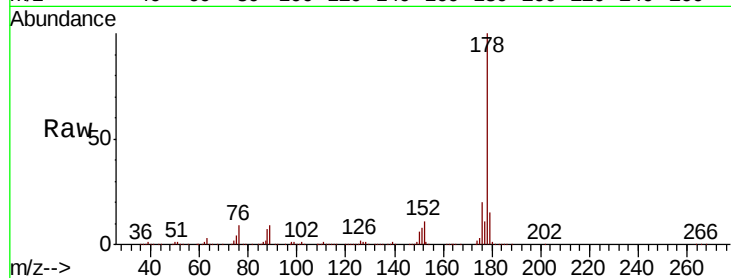




#71
Phenanthrene
Concen: 35.821 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

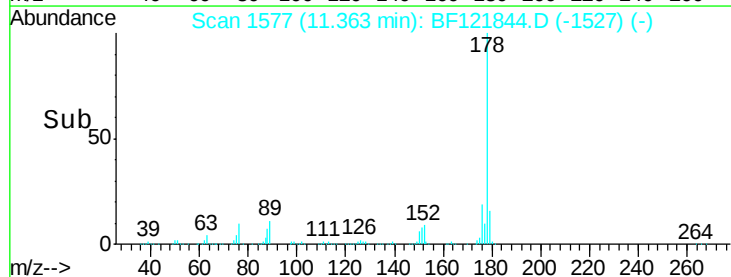
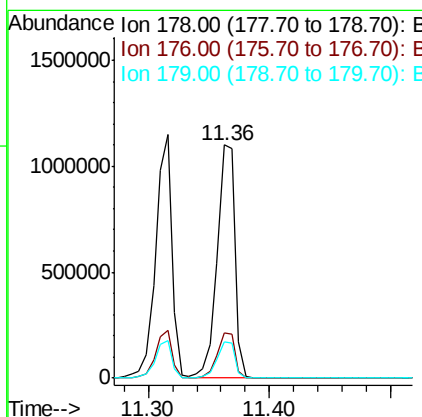
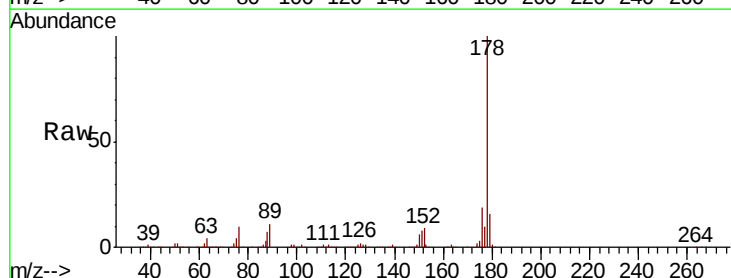
Instrument :
BNA_F
ClientSampleId :
PB132087BS

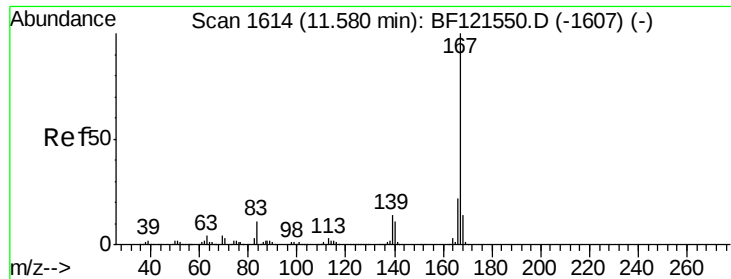
Tot Ion:178 Resp: 1087626
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.2 18.4



#72
Anthracene
Concen: 35.387 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:178 Resp: 1108770
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.7 19.1

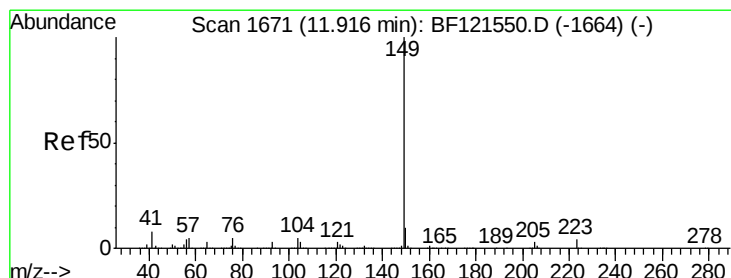
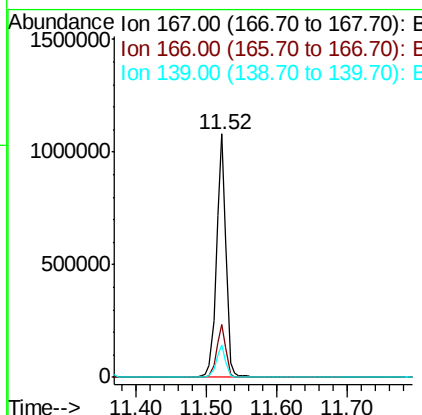
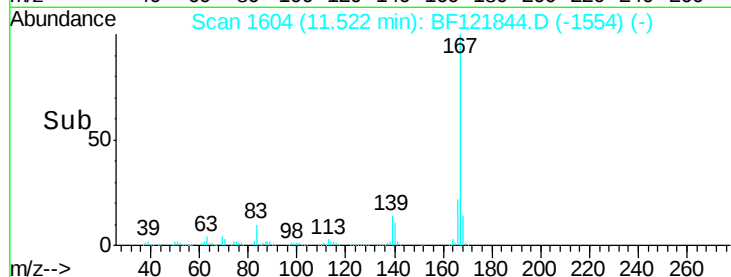
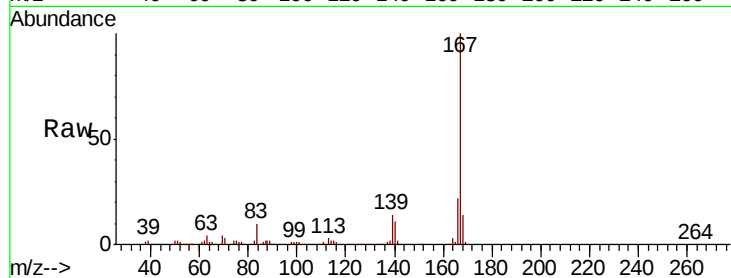




#73
 Carbazole
 Concen: 35.702 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

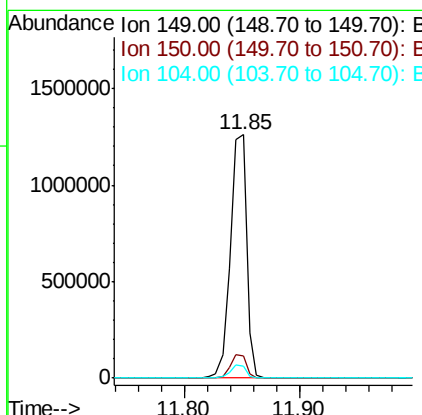
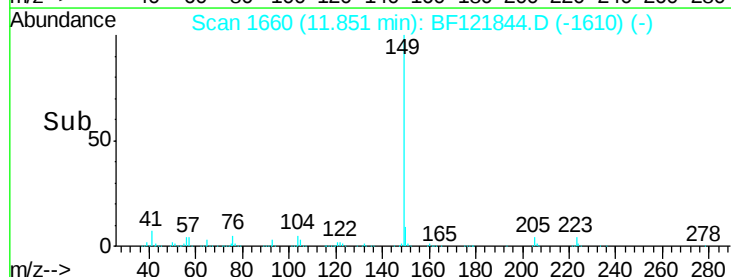
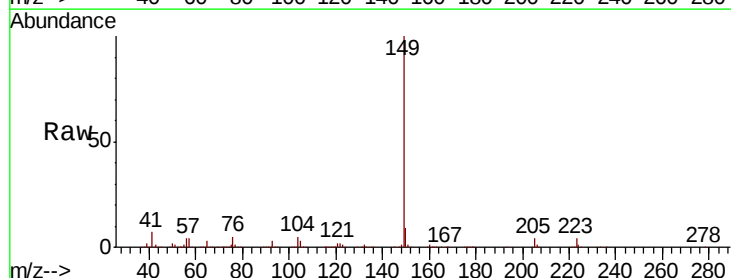
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:167 Resp: 1009468
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.650 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:149 Resp: 1228666
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.8 4.2 6.2

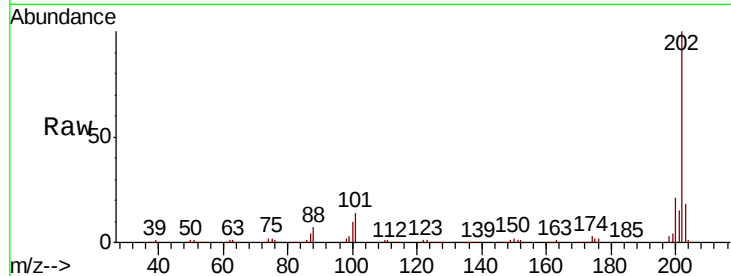




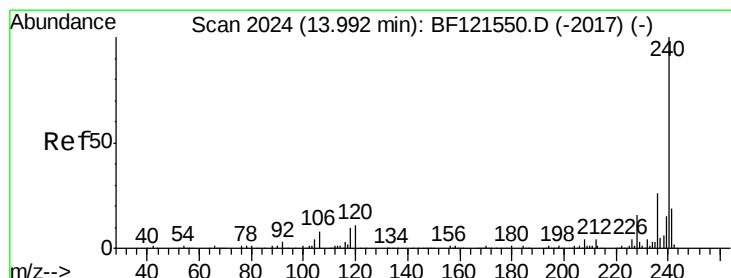
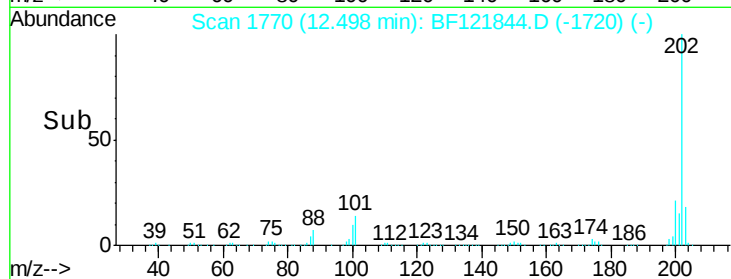
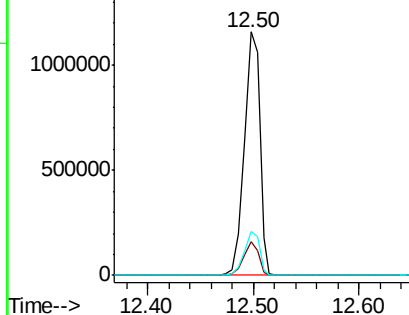
#75
 Fluoranthene
 Concen: 36.200 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:202 Resp: 1173317
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 33.4
 203 18.2 0.0 37.9

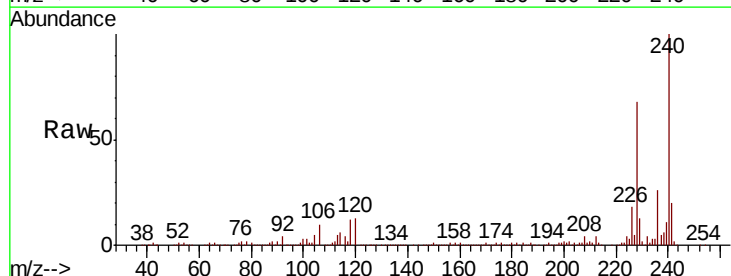


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

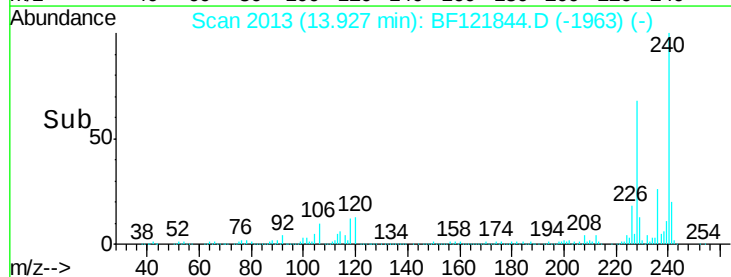
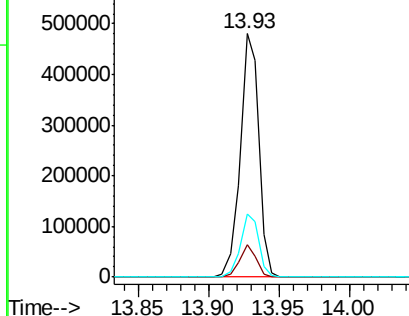


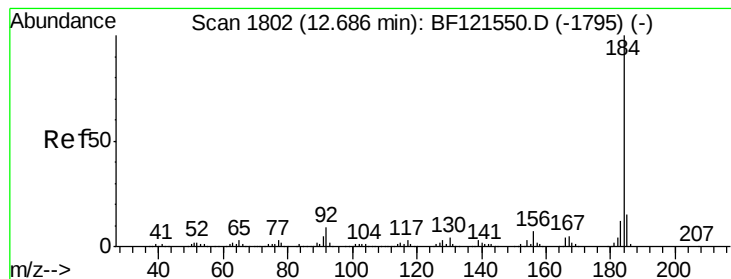
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:240 Resp: 437566
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.2 13.8
 236 25.8 20.9 31.3



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





#77

Benzidine

Concen: 28.732 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

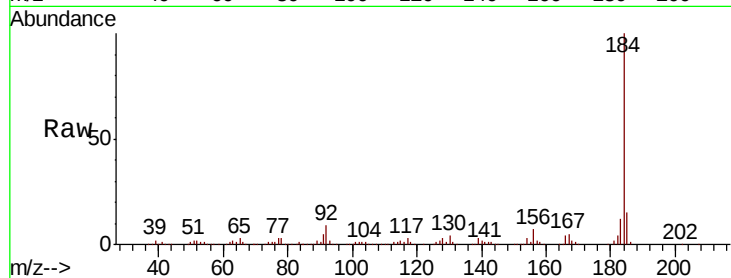
Tot Ion:184 Resp: 416799

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

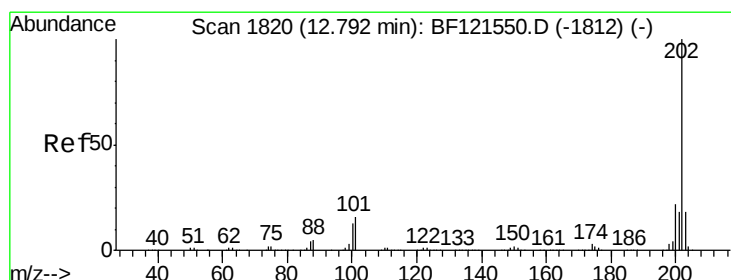
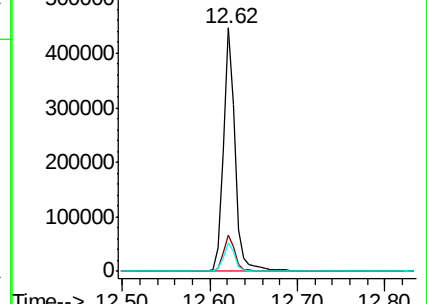
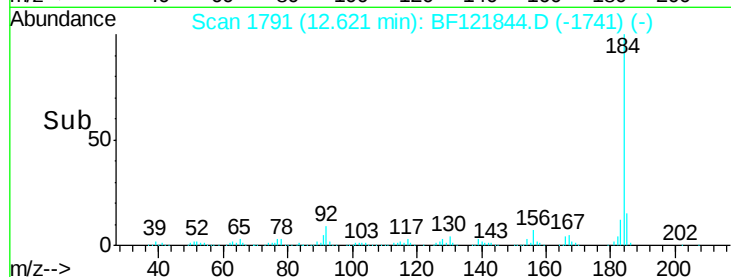
183 11.6 9.4 14.0



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: 37.201 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

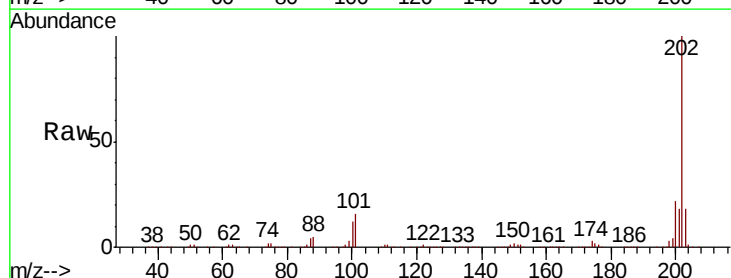
Tgt Ion:202 Resp: 1189309

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

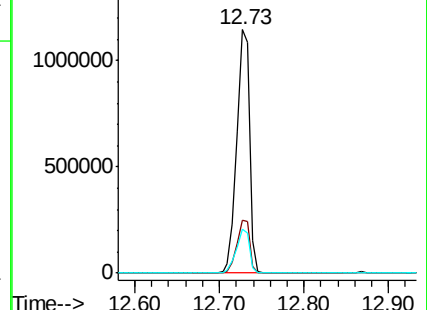
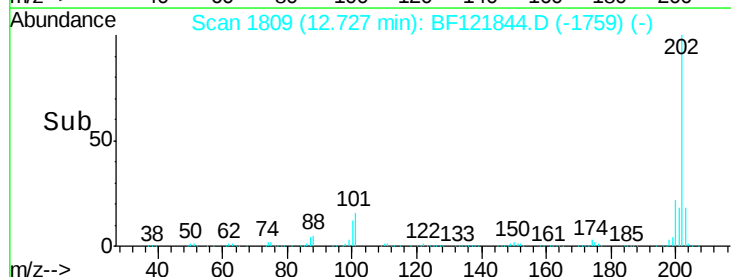
203 18.0 14.6 21.8



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: 76.806 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

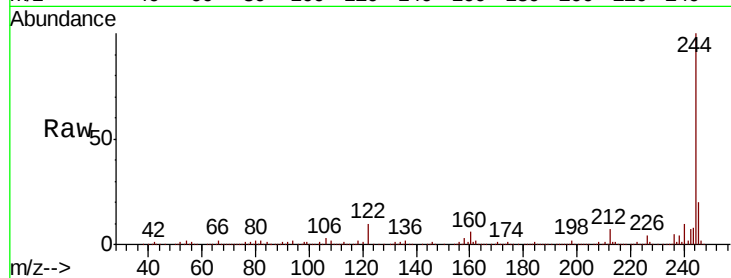
Tot Ion:244 Resp: 1658909

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

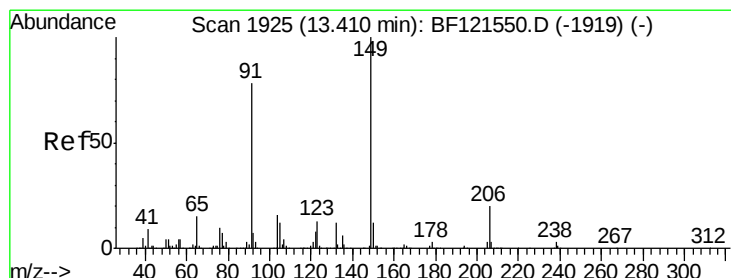
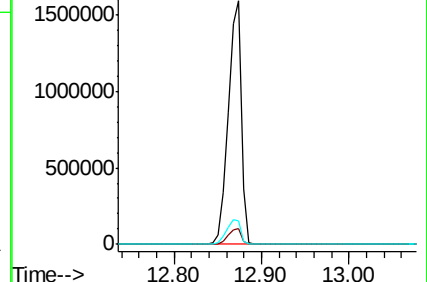
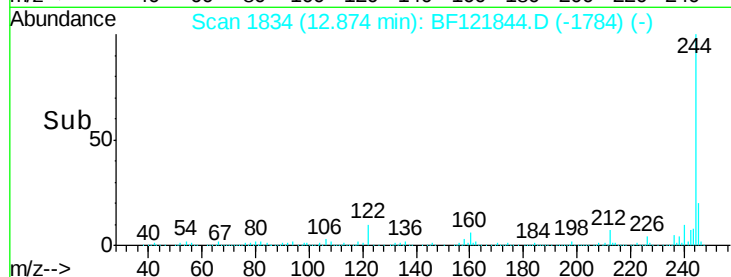
122 9.7 8.1 12.1



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: 40.046 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

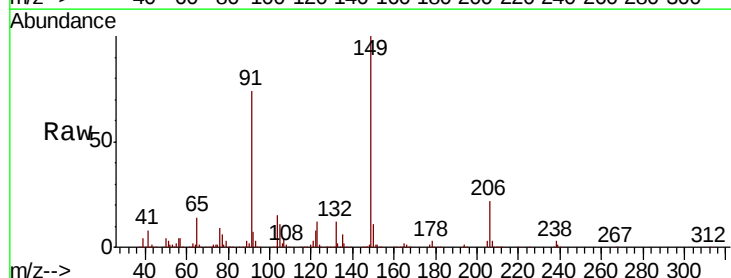
Tgt Ion:149 Resp: 517786

Ion Ratio Lower Upper

149 100

91 74.4 61.0 91.4

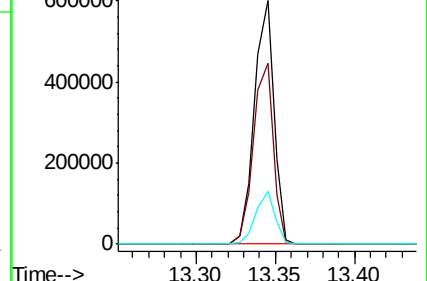
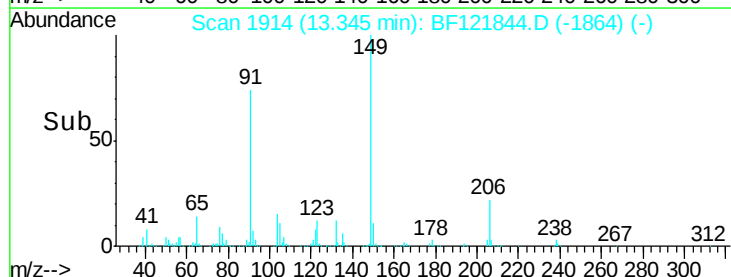
206 21.5 16.7 25.1



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: 37.873 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

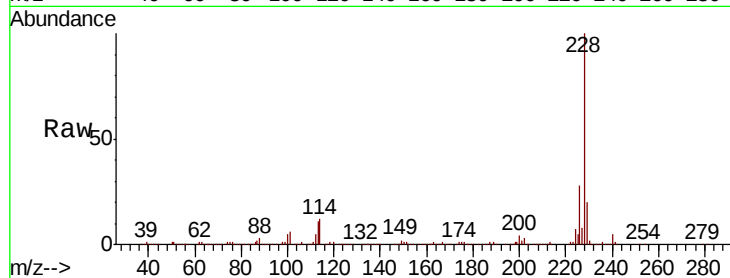
Tot Ion:228 Resp: 1048435

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

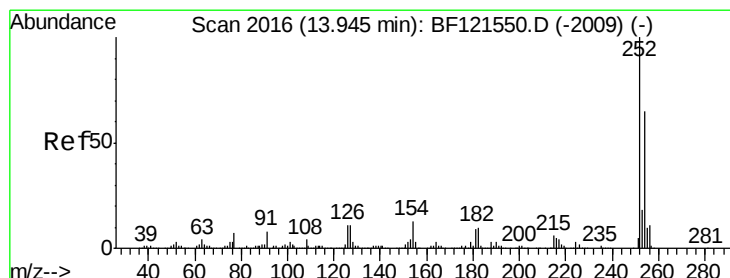
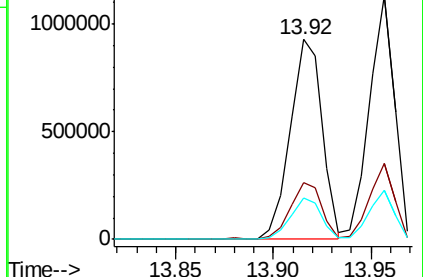
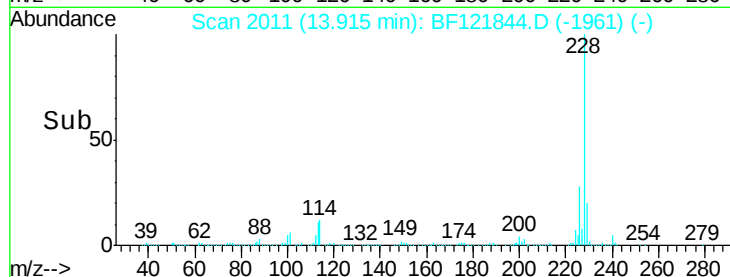
229 20.5 16.2 24.4



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: 30.277 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

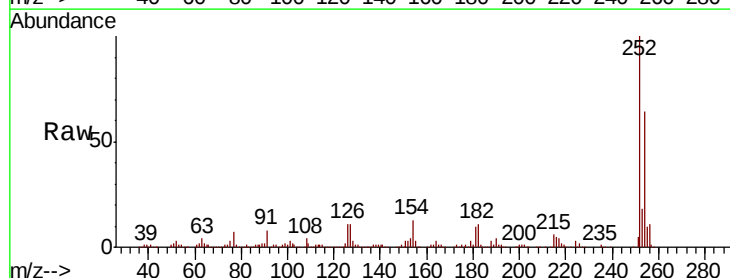
Tgt Ion:252 Resp: 327217

Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

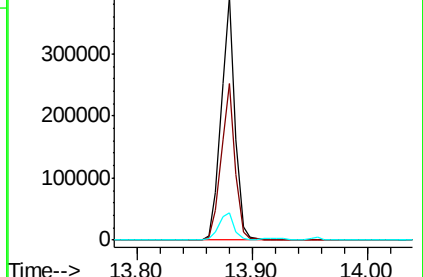
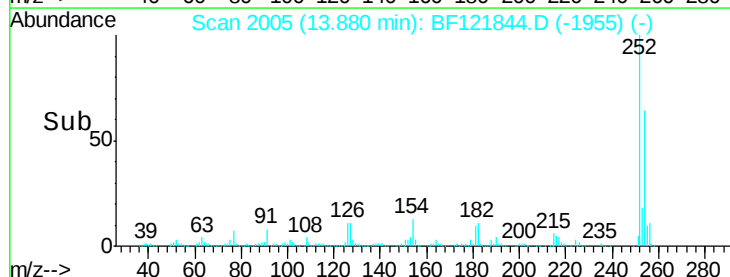
126 11.1 8.8 13.2



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

Chrvsene

Concen: 36.391 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

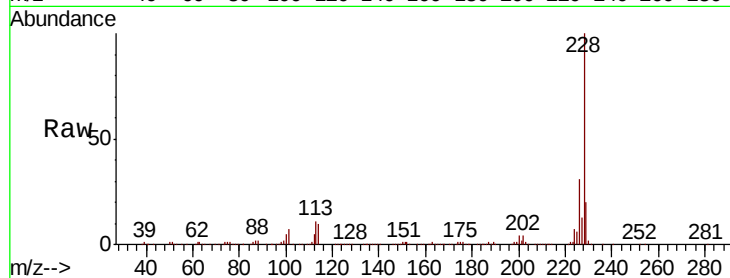
Tot Ion:228 Resp: 1020131

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

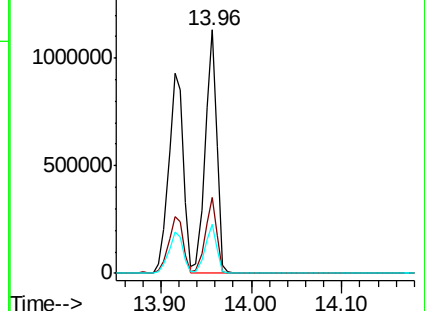
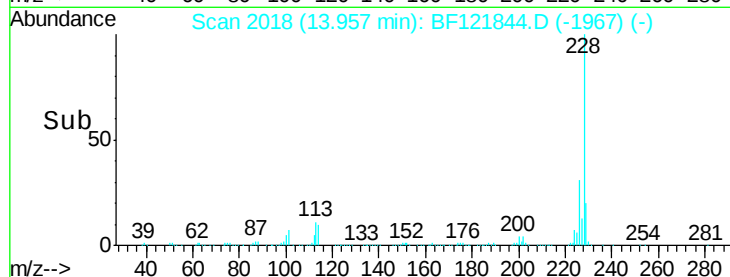
229 20.0 15.9 23.9



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: 41.527 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

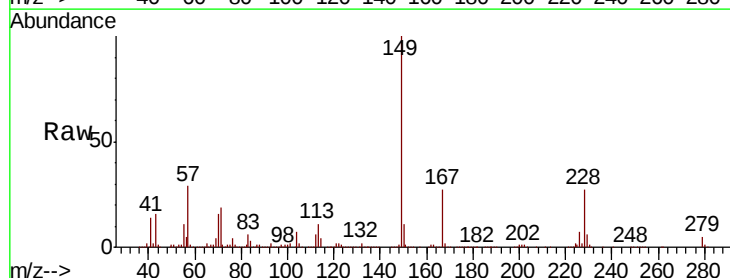
Tgt Ion:149 Resp: 717288

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

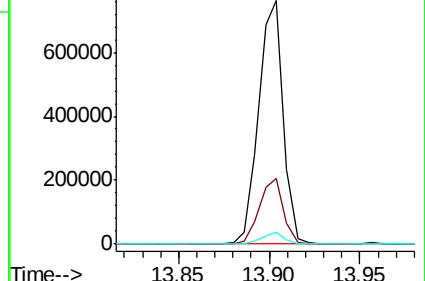
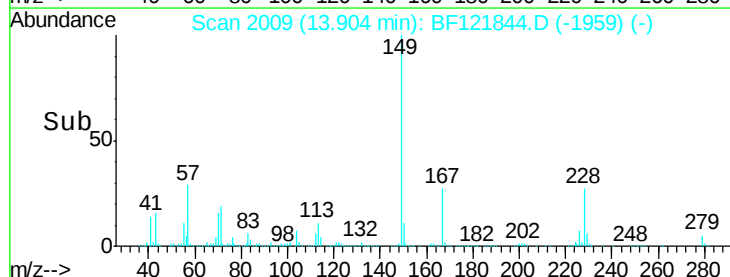
279 5.0 3.2 4.8#

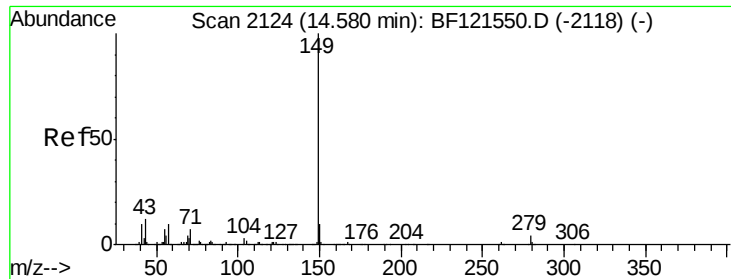


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

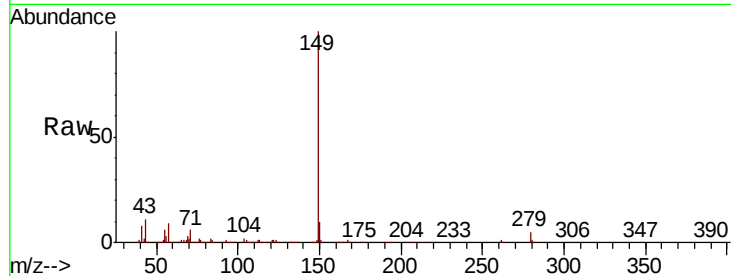




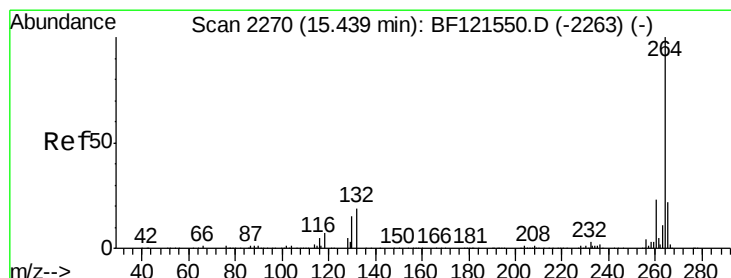
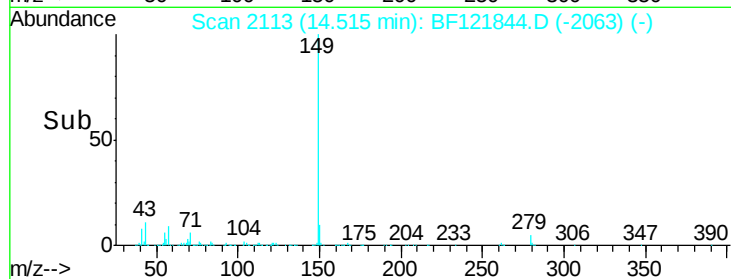
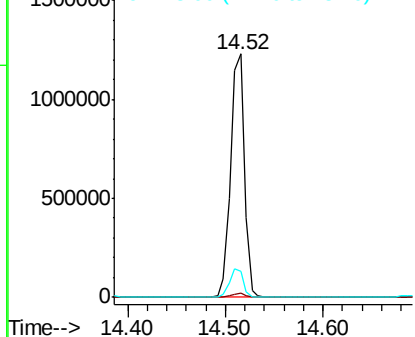
#85
Di-n-octyl phthalate
Concen: 39.727 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:149 Resp: 1211024
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.6

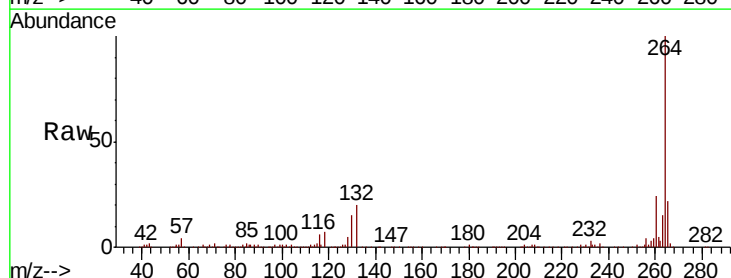


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

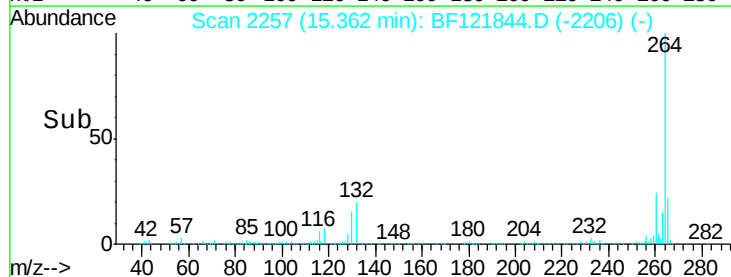
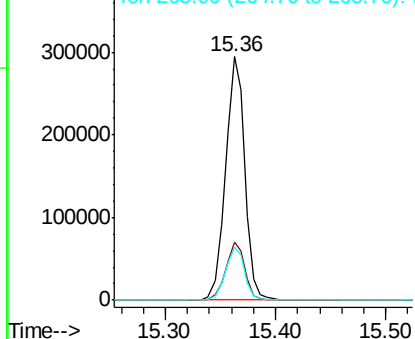


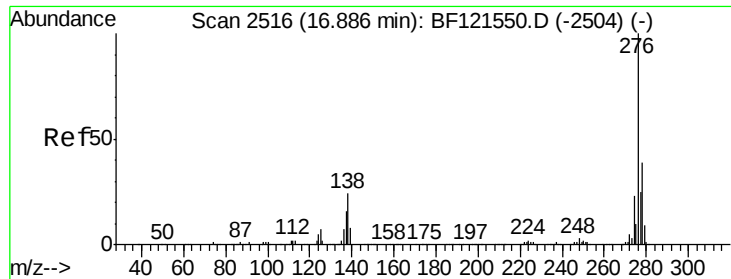
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:264 Resp: 359132
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.0 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

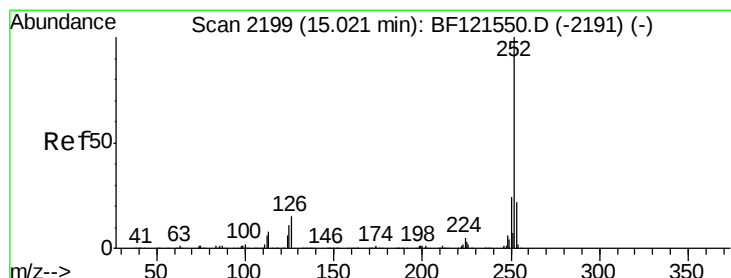
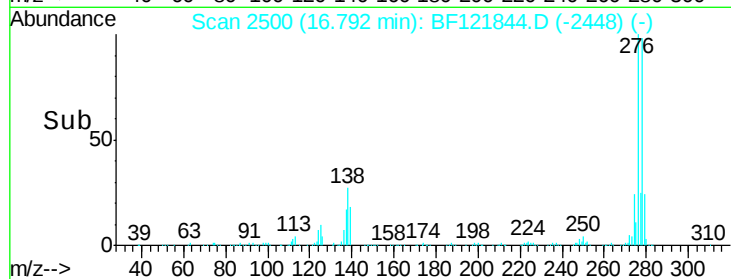
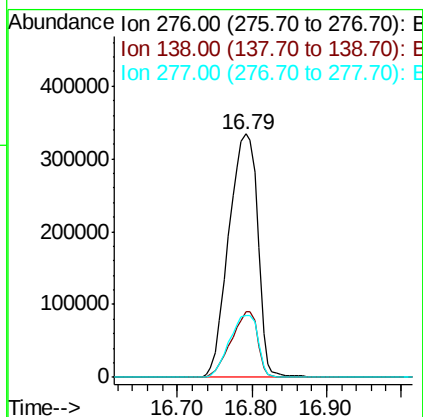
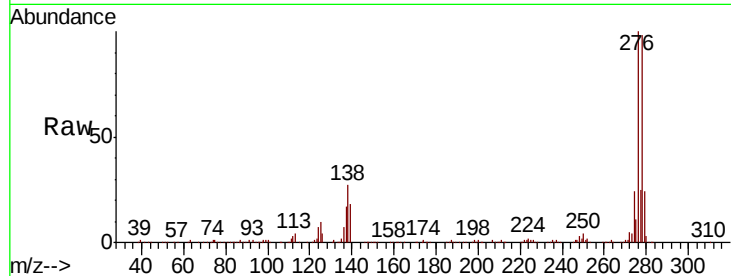




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.598 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

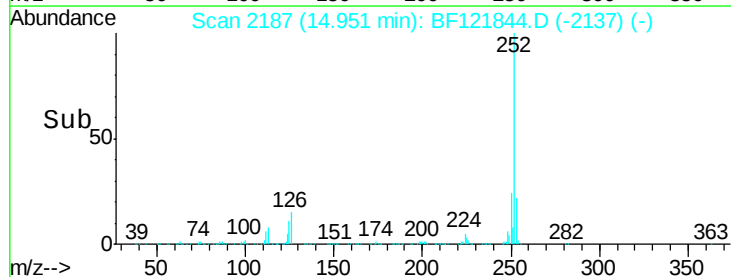
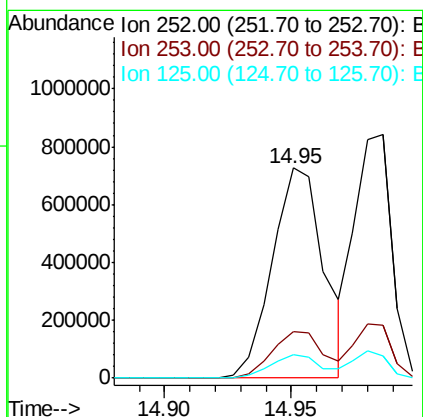
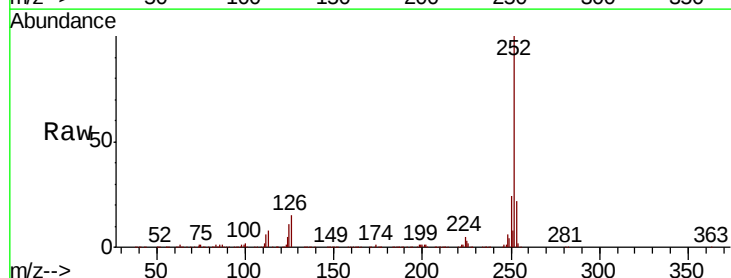
Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion:276 Resp: 902733
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.9 29.9
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.844 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:252 Resp: 1028608
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 11.0 8.0 12.0

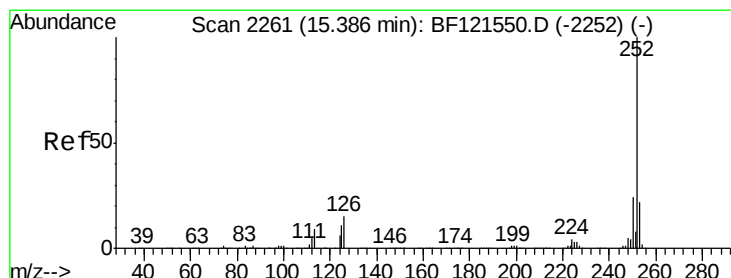
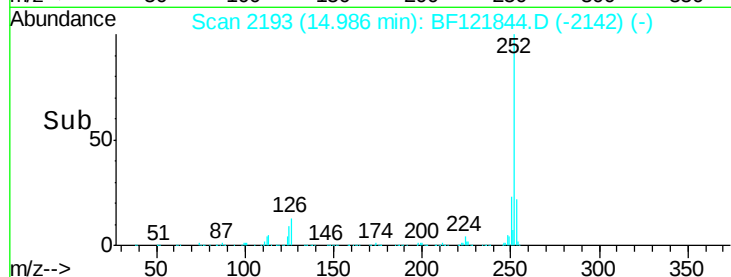
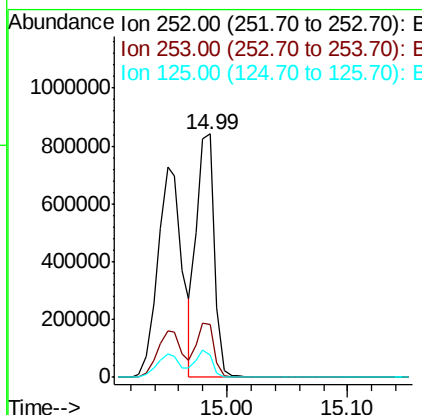
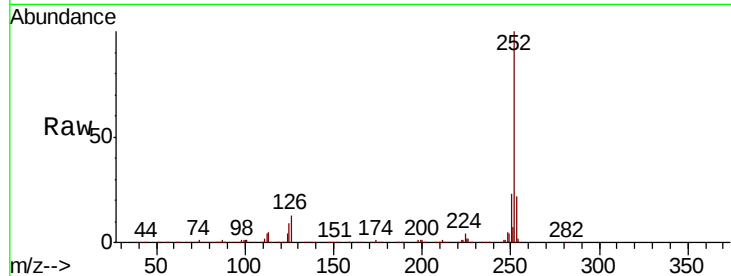




#89
Benzo(k)fluoranthene
Concen: 39.395 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

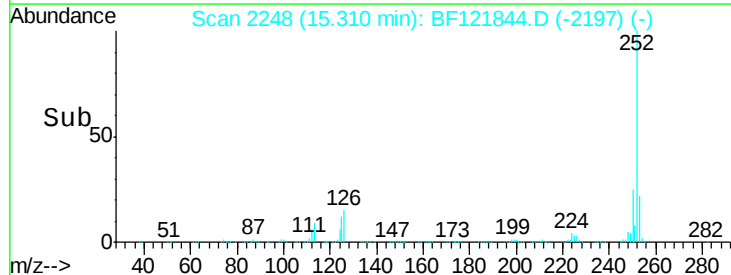
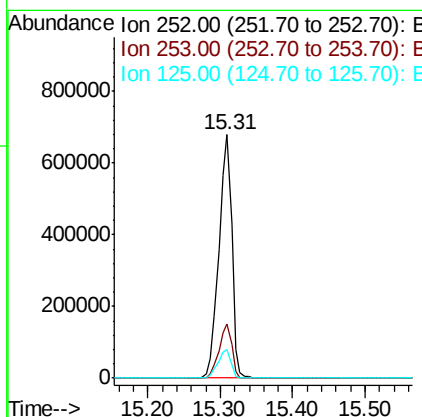
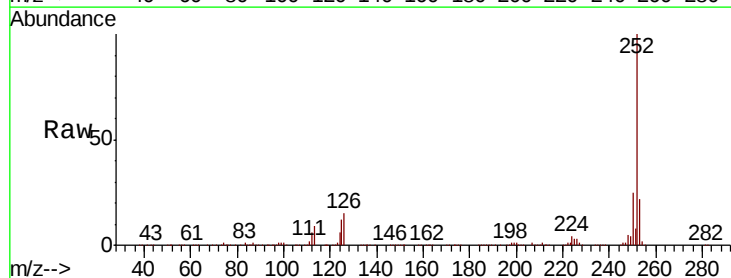
Instrument :
BNA_F
ClientSampled :
PB132087BS

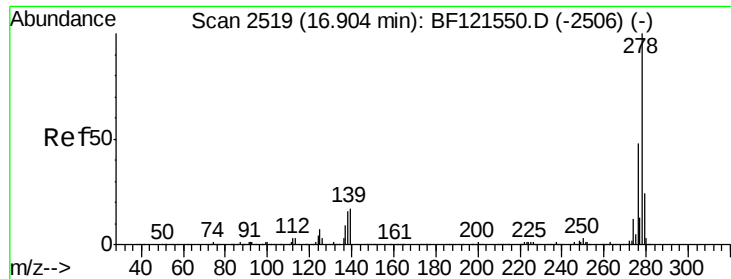
Tot Ion:252 Resp: 866128
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.540 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:252 Resp: 847747
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.6 8.6 13.0

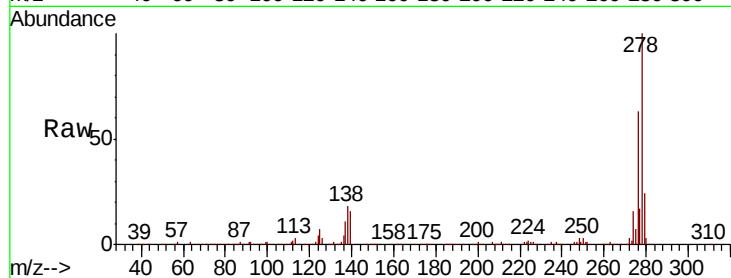




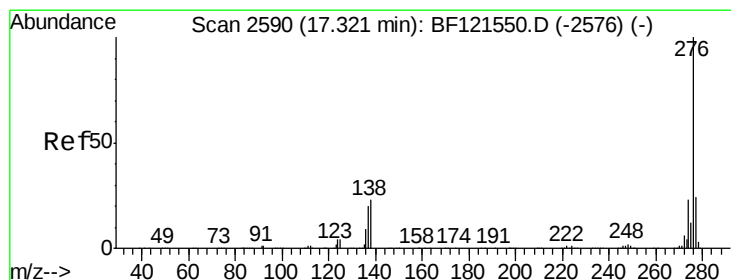
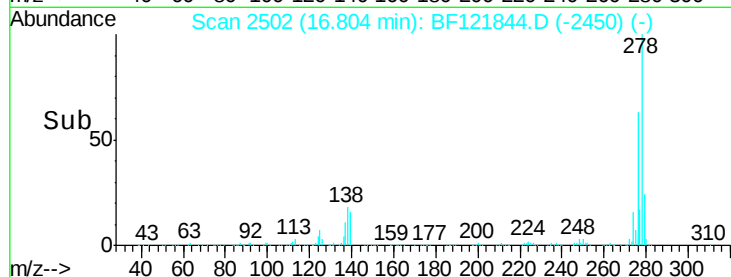
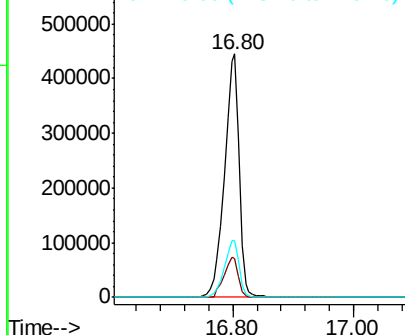
#91
Dibenzo(a,h)anthracene
Concen: 38.682 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	23.5	19.0	28.4

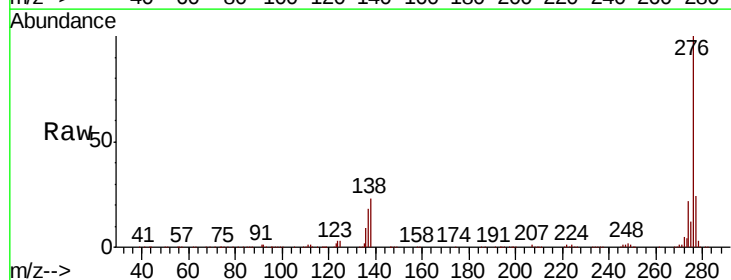


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.785 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	22.8	17.8	26.6



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

