

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121624.D
 Acq On : 21 Sep 2020 13:49
 Operator : JU/CG
 Sample : PB131730BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Quant Time: Sep 21 14:26:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173258	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	686287	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	360937	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	685552	20.00	ng	0.00
76) Chrysene-d12	14.00	240	572666	20.00	ng	0.00
86) Perylene-d12	15.46	264	577146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1084181	93.00	ng	0.02
7) Phenol-d6	6.46	99	1399023	91.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	963813	75.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	478005	106.56	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1729950	72.59	ng	0.00
79) Terphenyl-d14	12.95	244	1874302	66.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	155284	28.992	ng	99
3) Pyridine	3.39	79	461579	31.174	ng	100
4) n-Nitrosodimethylamine	3.35	42	243011	35.383	ng	97
6) Aniline	6.48	93	549548	27.587	ng	# 90
8) 2-Chlorophenol	6.60	128	455754	38.396	ng	98
9) Benzaldehyde	6.37	77	195817	19.584	ng	97
10) Phenol	6.47	94	549611	33.745	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	442721	36.065	ng	98
12) 1,3-Dichlorobenzene	6.76	146	474051	35.781	ng	97
13) 1,4-Dichlorobenzene	6.83	146	478119	35.941	ng	97
14) 1,2-Dichlorobenzene	6.99	146	461981	37.698	ng	99
15) Benzyl Alcohol	6.96	79	402392	38.707	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	675823	34.212	ng	95
17) 2-Methylphenol	7.08	107	374077	37.039	ng	98
18) Hexachloroethane	7.33	117	172690	36.254	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	312922	35.499	ng	99
20) 3+4-Methylphenols	7.23	107	443154	36.520	ng	90
22) Acetophenone	7.23	105	593930	34.110	ng	99
24) Nitrobenzene	7.40	77	489112	35.380	ng	98
25) Isophorone	7.65	82	876477	34.064	ng	99
26) 2-Nitrophenol	7.72	139	232721	36.411	ng	97
27) 2,4-Dimethylphenol	7.76	122	399528	34.785	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	551325	34.612	ng	99
29) 2,4-Dichlorophenol	7.96	162	379639	36.291	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	388254	35.240	ng	98
31) Naphthalene	8.13	128	1267796	34.995	ng	99
32) Benzoic acid	7.90	122	278305	34.720	ng	96
33) 4-Chloroaniline	8.17	127	442930	28.205	ng	98
34) Hexachlorobutadiene	8.24	225	232454	35.946	ng	98
35) Caprolactam	8.56	113	77194	22.159	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	421441	37.398	ng	98
37) 2-Methylnaphthalene	8.82	142	847727	35.706	ng	99
38) 1-Methylnaphthalene	8.92	142	795983	36.024	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	388349	34.445	ng	99

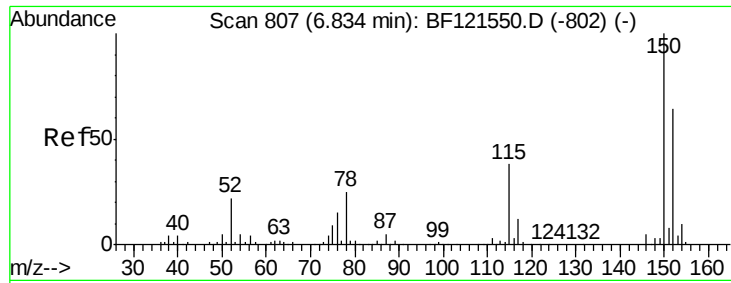
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	449668	69.840	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	280204	36.462	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	292327	35.983	nq	99
46) 1,1'-Biphenyl	9.29	154	1019233	35.273	nq	100
47) 2-Chloronaphthalene	9.31	162	793660	34.855	nq	98
48) 2-Nitroaniline	9.41	65	277606	39.233	nq	100
49) Acenaphthylene	9.73	152	1258131	35.961	nq	99
50) Dimethylphthalate	9.59	163	958463	36.638	nq	99
51) 2,6-Dinitrotoluene	9.65	165	217483	39.037	nq	99
52) Acenaphthene	9.90	154	750397	33.958	nq	100
53) 3-Nitroaniline	9.82	138	182796	28.323	nq	98
54) 2,4-Dinitrophenol	9.93	184	235024	73.916	nq	97
55) Dibenzofuran	10.07	168	1110779	35.694	nq	98
56) 4-Nitrophenol	10.00	139	372952	72.460	nq	94
57) 2,4-Dinitrotoluene	10.06	165	286401	40.862	nq	90
58) Fluorene	10.42	166	867984	36.473	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247995	37.548	nq	99
60) Diethylphthalate	10.29	149	944728	37.040	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	419525	36.801	nq	99
62) 4-Nitroaniline	10.44	138	233283	36.404	nq	99
63) Azobenzene	10.57	77	958770	35.299	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	161885	39.840	nq	95
66) n-Nitrosodiphenylamine	10.53	169	839400	35.689	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	287498	36.834	nq	96
68) Hexachlorobenzene	10.96	284	323893	36.770	nq	99
69) Atrazine	11.06	200	205861	35.230	nq	99
70) Pentachlorophenol	11.16	266	346060	71.537	nq	100
71) Phenanthrene	11.38	178	1334136	35.718	nq	100
72) Anthracene	11.43	178	1377424	35.735	nq	100
73) Carbazole	11.59	167	1267439	36.438	nq	100
74) Di-n-butylphthalate	11.92	149	1422925	35.444	nq	100
75) Fluoranthene	12.57	202	1458844	36.588	nq	100
77) Benzidine	12.69	184	751213	39.569	nq	100
78) Pyrene	12.80	202	1500060	35.852	nq	100
80) Butylbenzylphthalate	13.42	149	620956	36.696	nq	99
81) Benzo(a)anthracene	13.99	228	1325501	36.586	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	393079	27.791	nq	99
83) Chrysene	14.03	228	1325961	36.142	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	772003	34.150	nq	99
85) Di-n-octyl phthalate	14.59	149	1404727	35.210	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1485304	39.518	nq	99
88) Benzo(b)fluoranthene	15.04	252	1465771	37.990	nq	99
89) Benzo(k)fluoranthene	15.07	252	1270100	35.948	nq	99
90) Benzo(a)pyrene	15.40	252	1258834	38.383	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1205292	38.523	nq	99
92) Benzo(g,h,i)perylene	17.37	276	1202580	39.102	nq	99

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

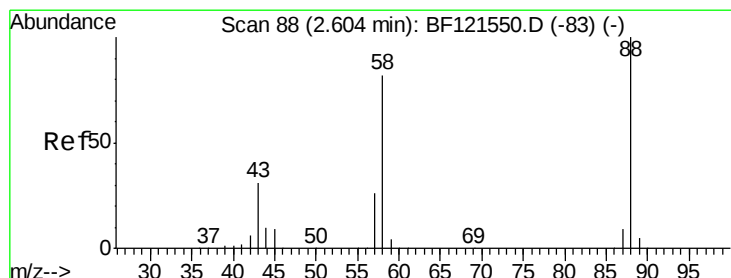
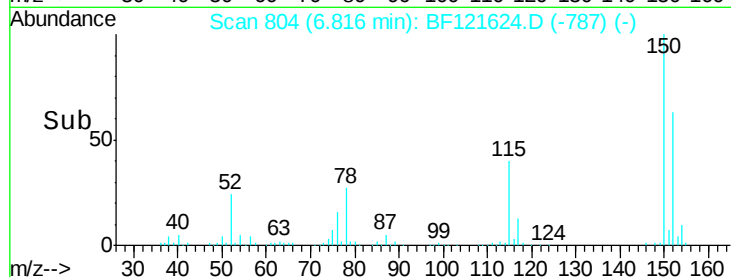
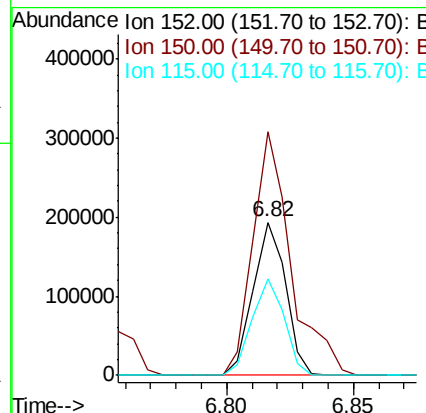
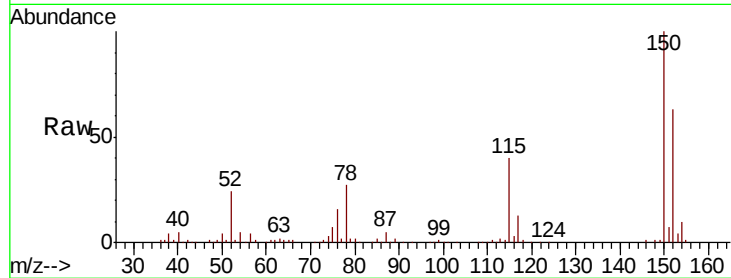


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

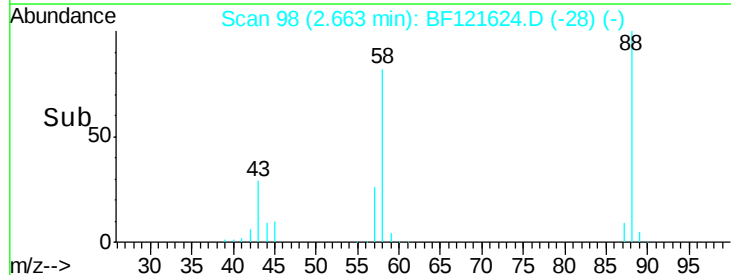
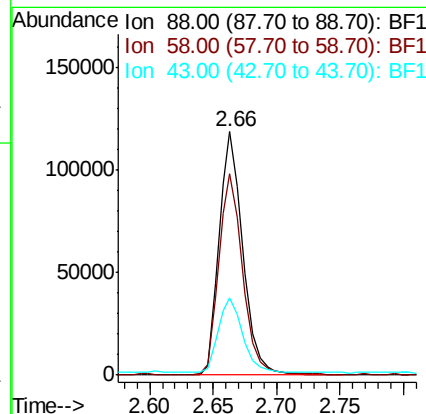
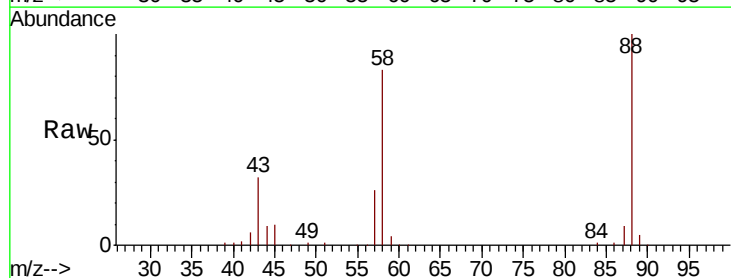
Tot Ion:152 Resp: 173258
Ion Ratio Lower Upper
152 100
150 159.3 128.1 192.1
115 63.4 52.6 79.0

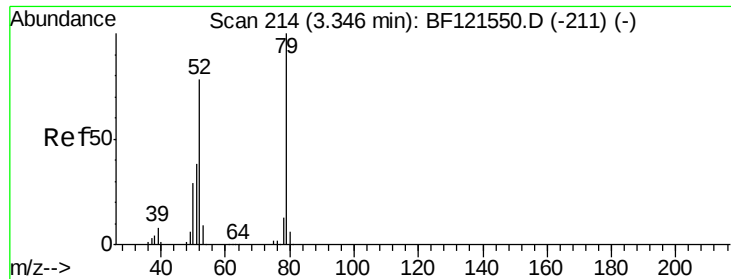


#2

1,4-Dioxane
Concen: 28.992 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.11 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion: 88 Resp: 155284
Ion Ratio Lower Upper
88 100
58 82.5 65.4 98.0
43 31.5 24.9 37.3





#3

Pvridine

Concen: 31.174 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.10 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

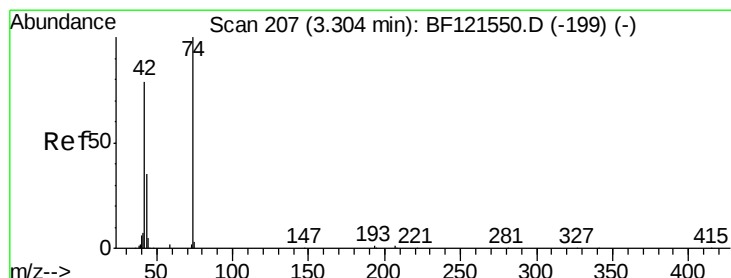
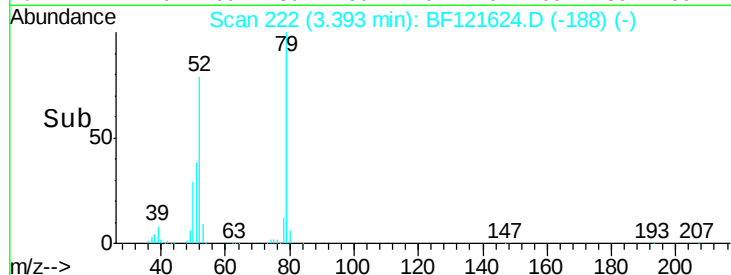
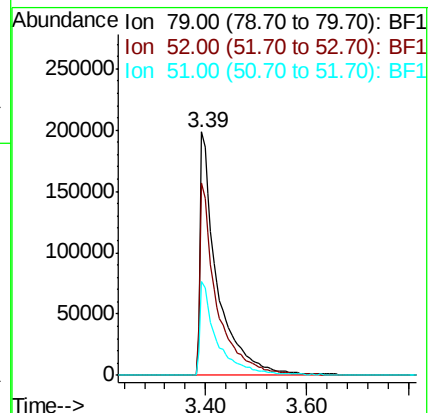
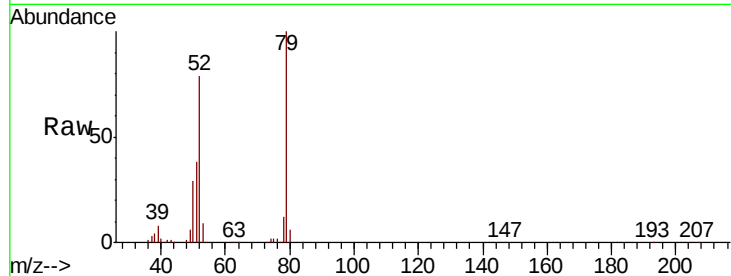
Tot Ion: 79 Resp: 461579

Ion Ratio Lower Upper

79 100

52 78.9 63.4 95.0

51 38.4 30.7 46.1



#4

n-Nitrosodimethylamine

Concen: 35.383 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.10 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

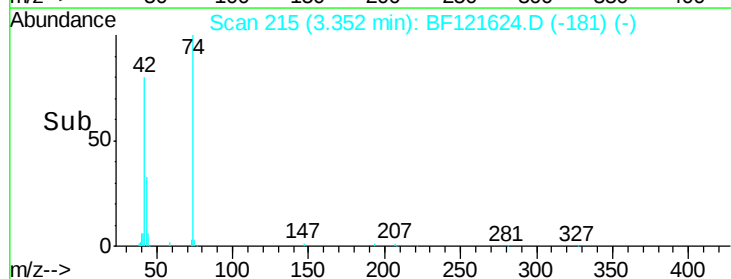
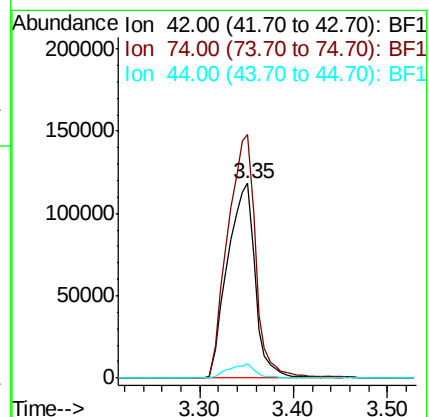
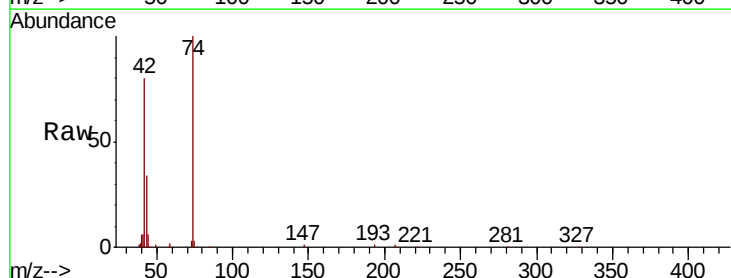
Tgt Ion: 42 Resp: 243011

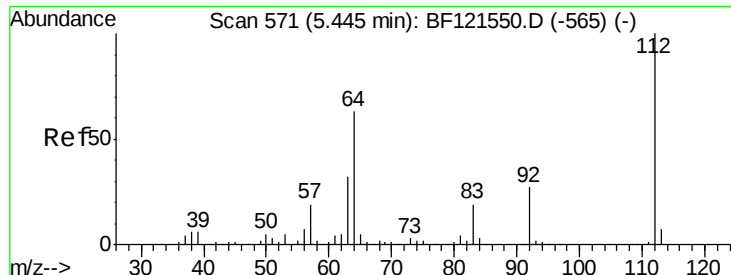
Ion Ratio Lower Upper

42 100

74 125.0 102.6 154.0

44 7.3 6.0 9.0





#5

2-Fluorophenol

Concen: 92.996 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

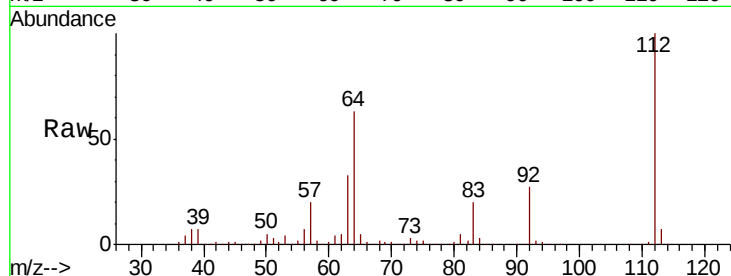
Tot Ion: 112 Resp: 1084181

Ion Ratio Lower Upper

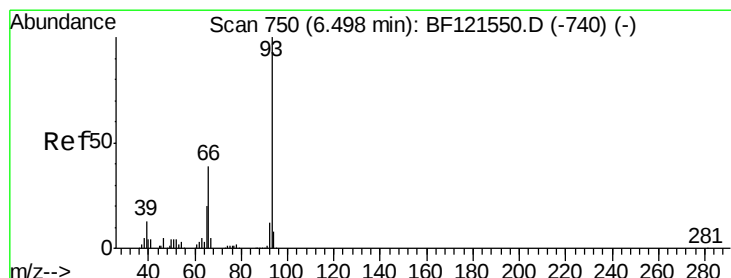
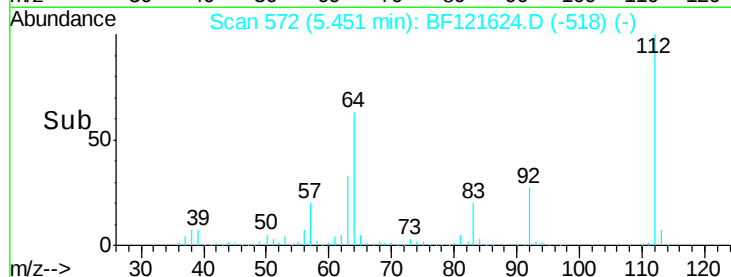
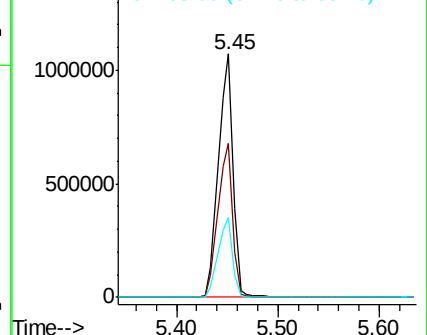
112 100

64 63.3 52.2 78.2

63 32.6 26.6 39.8



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: 27.587 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

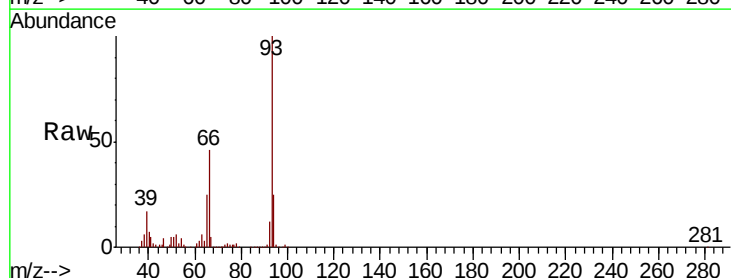
Tgt Ion: 93 Resp: 549548

Ion Ratio Lower Upper

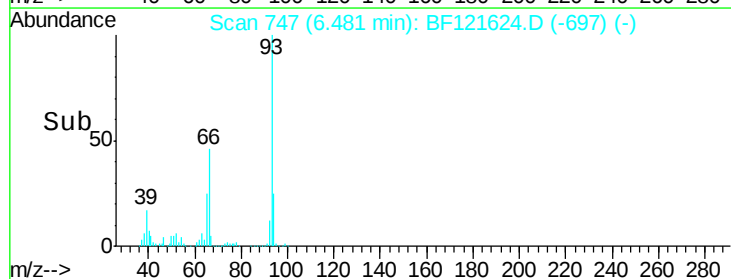
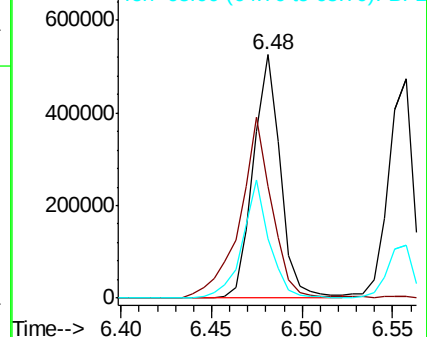
93 100

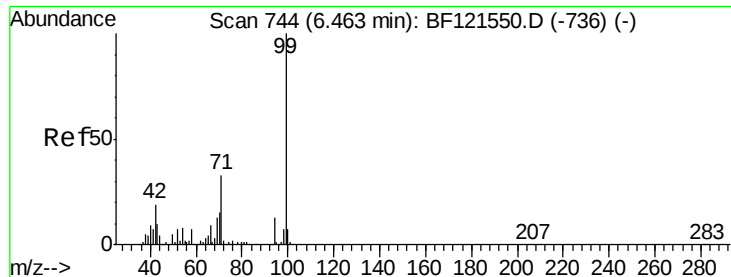
66 45.8 31.9 47.9

65 24.5 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.469 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

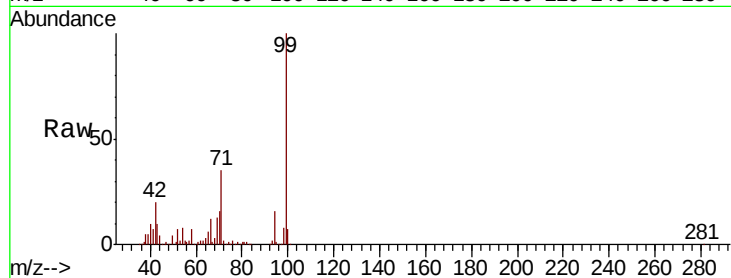
BNA_F

ClientSampleId :

PB131730BS

Tot Ion: 99 Resp: 1399023

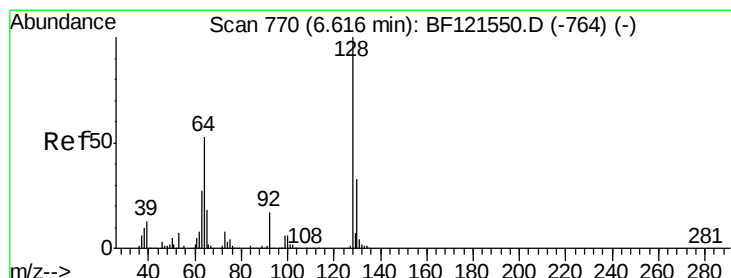
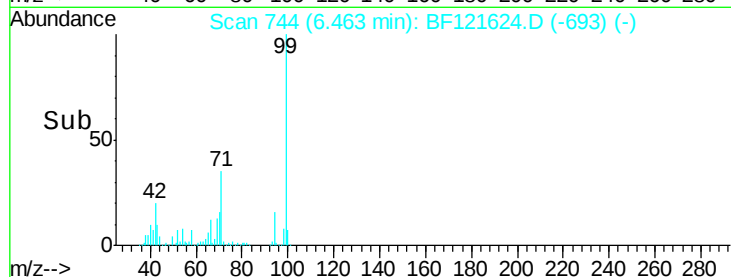
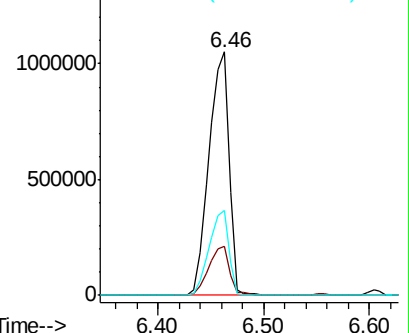
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.5	23.3
71	34.9	27.4	41.2



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: 38.396 ng

RT: 6.60 min Scan# 768

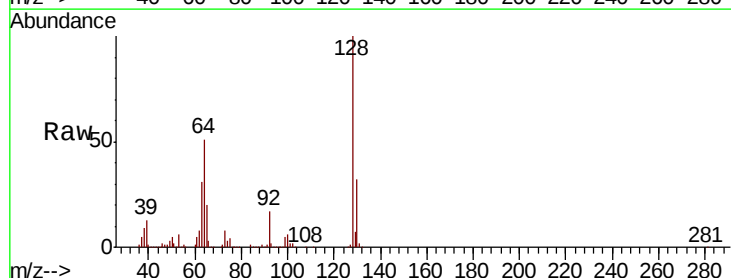
Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Tgt Ion: 128 Resp: 455754

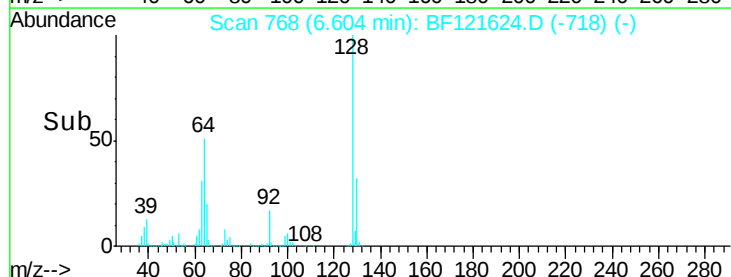
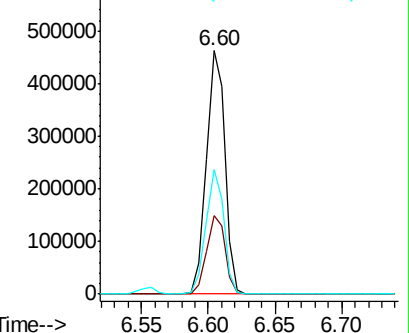
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.5	53.5
64	51.1	29.3	69.3

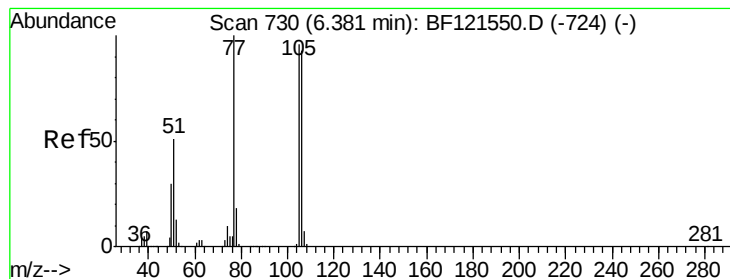


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.584 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampled :

PB131730BS

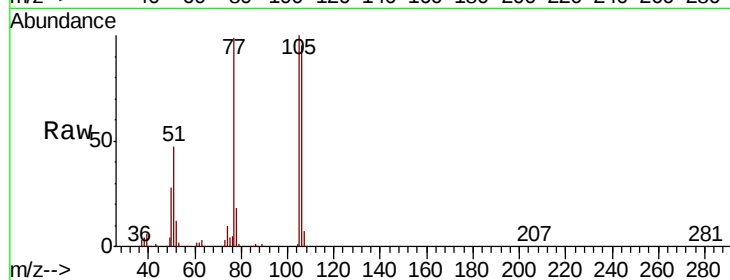
Tot Ion: 77 Resp: 195817

Ion Ratio Lower Upper

77 100

105 101.4 79.2 119.2

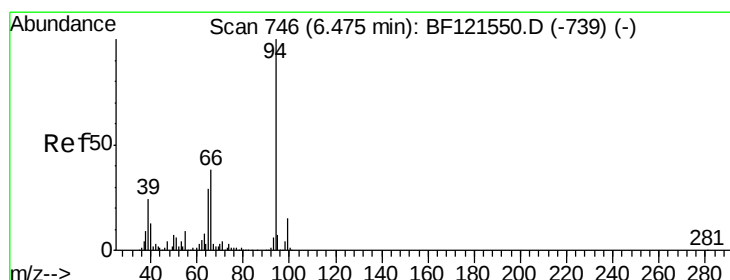
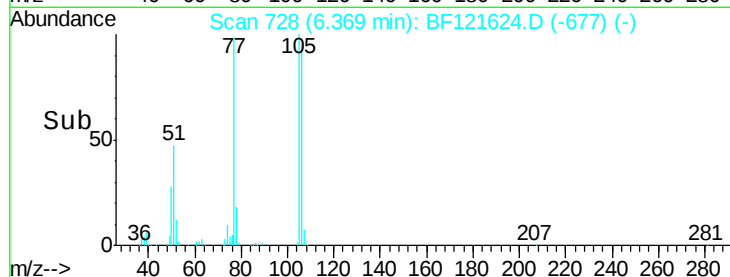
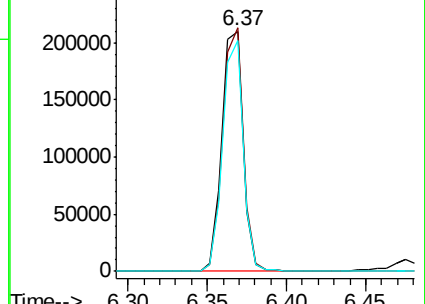
106 95.9 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.745 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

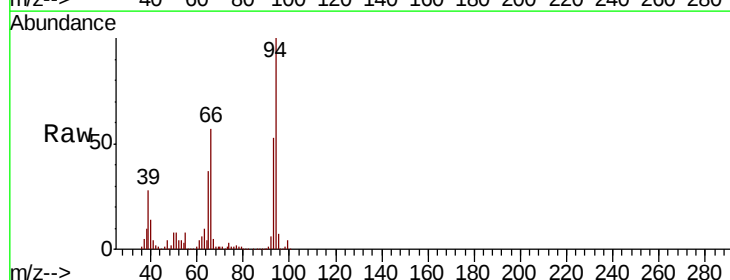
Tgt Ion: 94 Resp: 549611

Ion Ratio Lower Upper

94 100

65 37.4 17.8 57.8

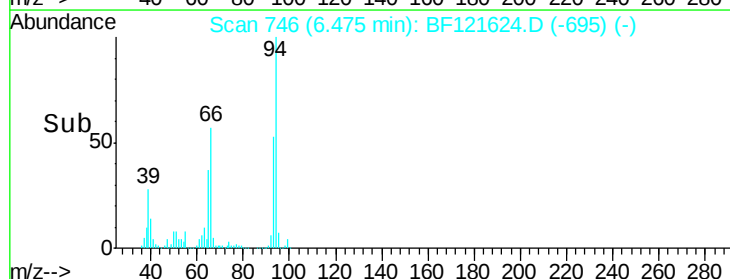
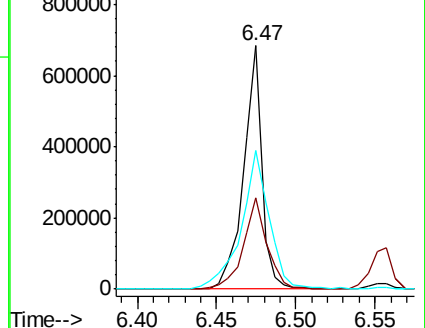
66 57.2 37.8 77.8

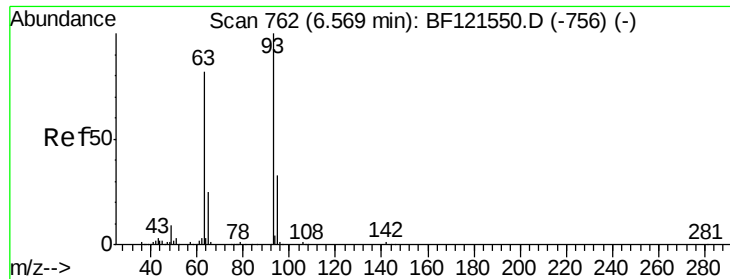


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

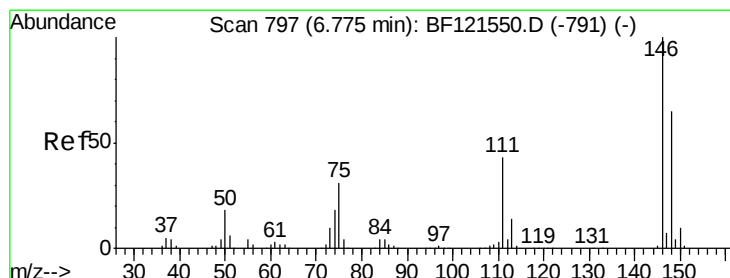
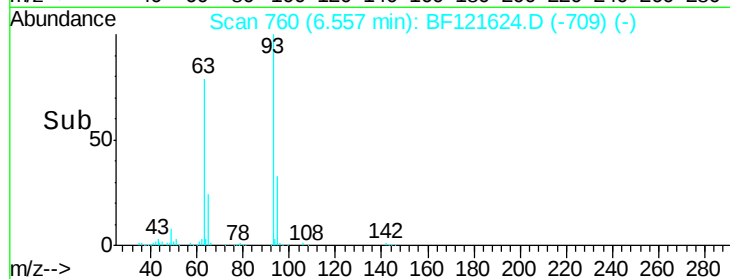
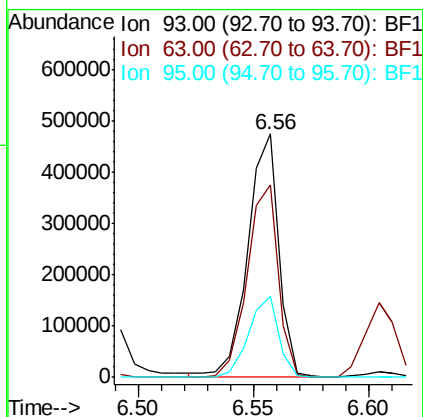
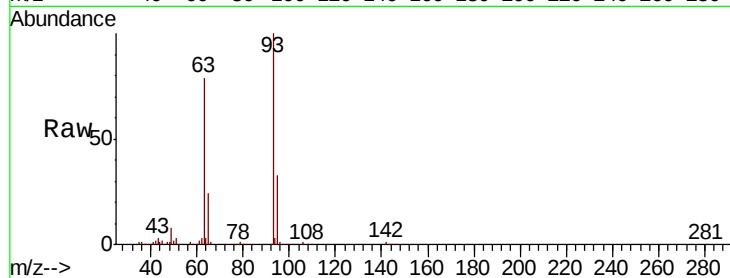




#11
bis(2-Chloroethyl)ether
Concen: 36.065 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

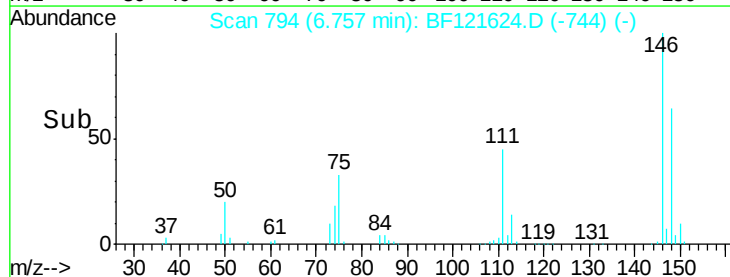
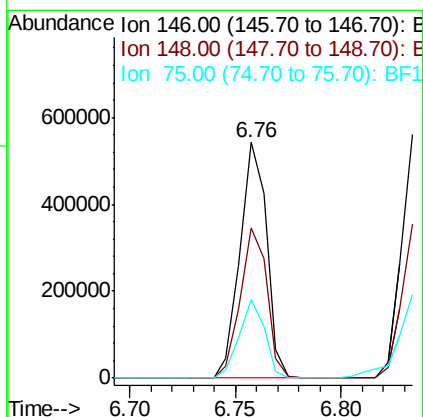
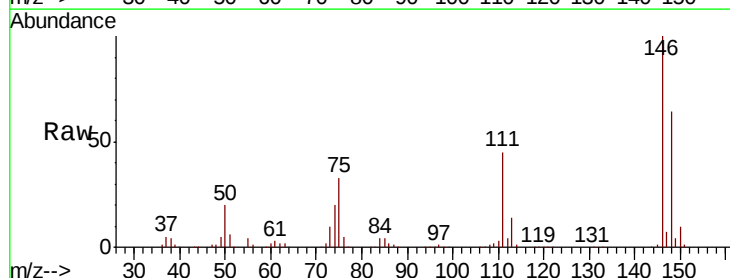
Instrument :
BNA_F
ClientSampleId :
PB131730BS

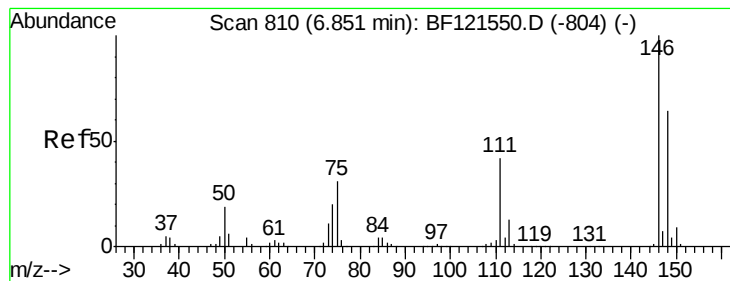
Tot Ion: 93 Resp: 442721
Ion Ratio Lower Upper
93 100
63 78.8 60.3 100.3
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 35.781 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion: 146 Resp: 474051
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 33.3 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 35.941 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

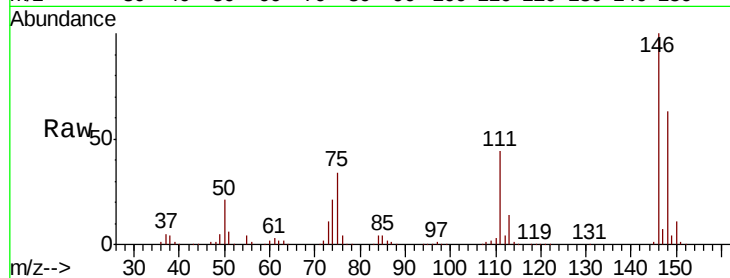
Tot Ion:146 Resp: 478119

Ion Ratio Lower Upper

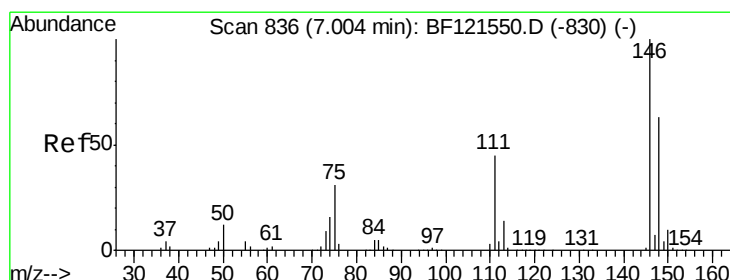
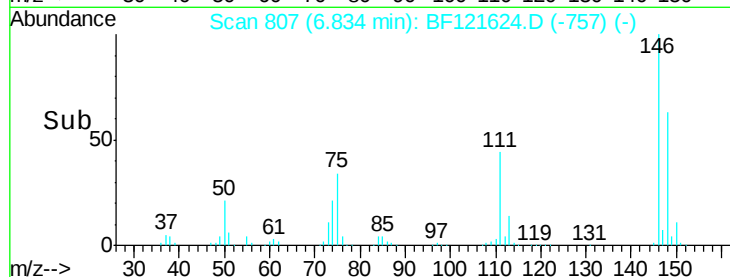
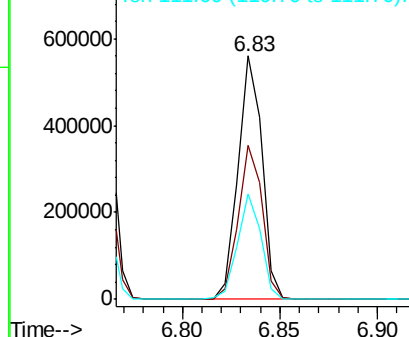
146 100

148 63.4 51.9 77.9

111 43.5 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.698 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

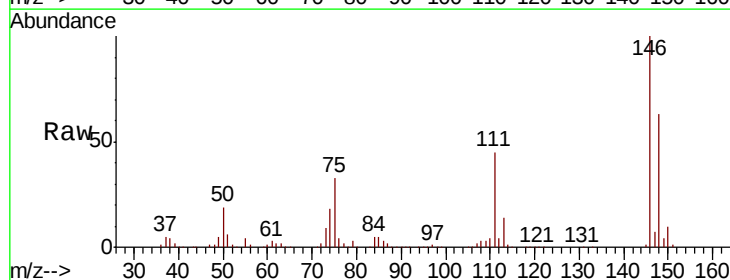
Tgt Ion:146 Resp: 461981

Ion Ratio Lower Upper

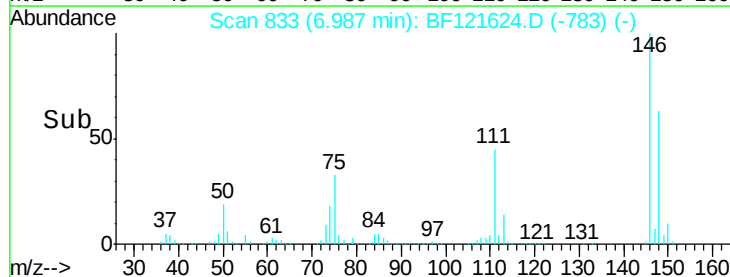
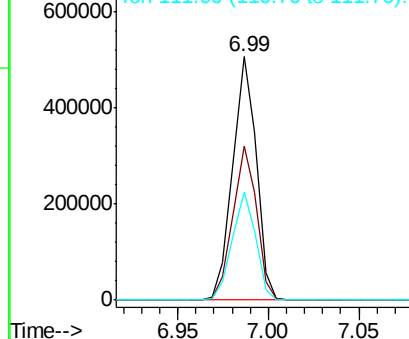
146 100

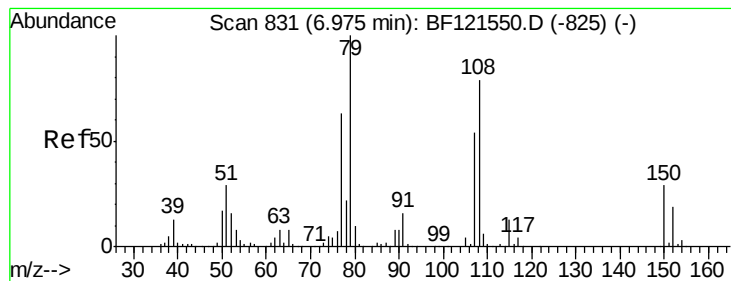
148 63.1 51.3 76.9

111 44.5 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.707 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleID :

PB131730BS

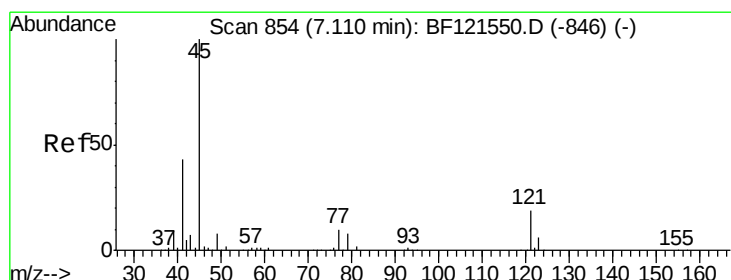
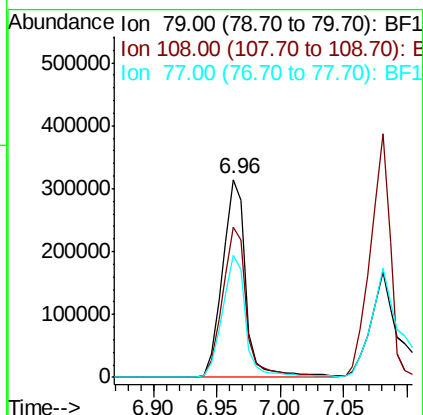
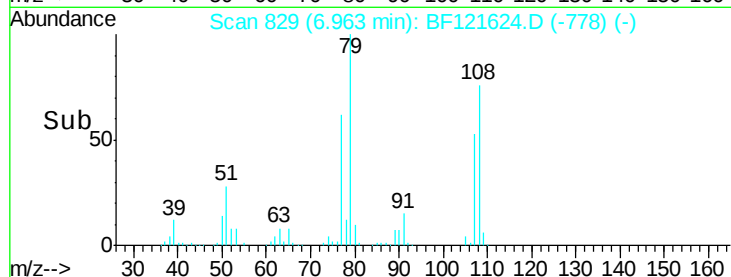
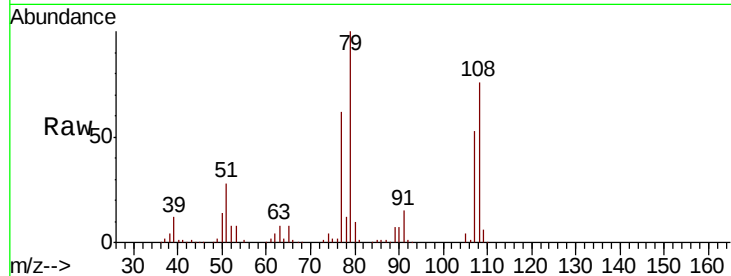
Tot Ion: 79 Resp: 402392

Ion Ratio Lower Upper

79 100

108 76.3 60.2 90.2

77 61.5 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.212 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

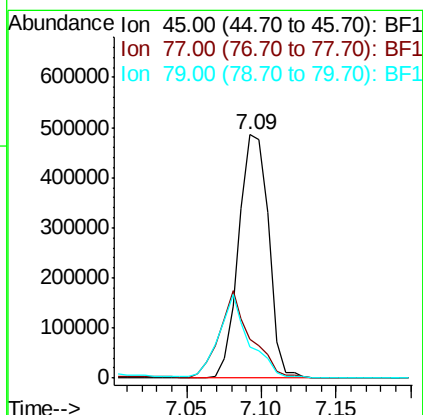
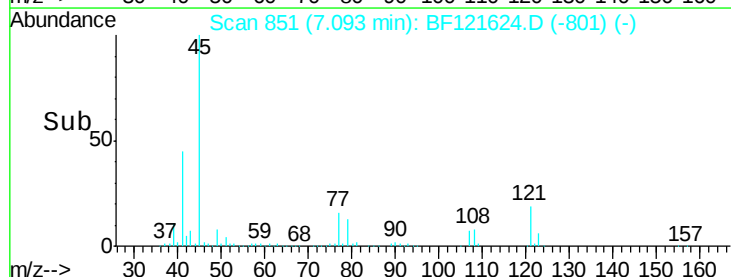
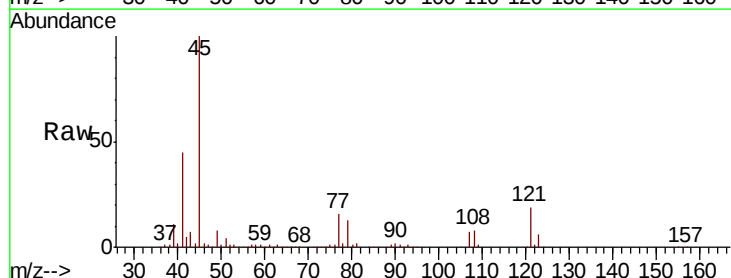
Tgt Ion: 45 Resp: 675823

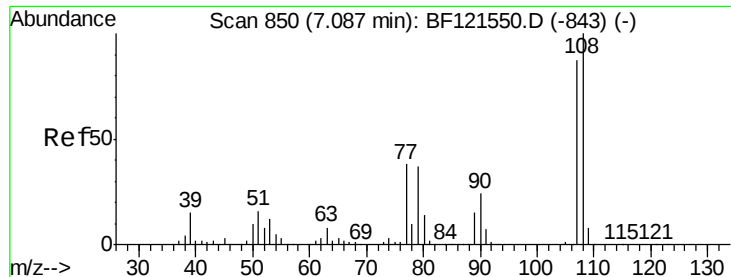
Ion Ratio Lower Upper

45 100

77 15.7 0.0 33.8

79 13.0 0.0 31.2

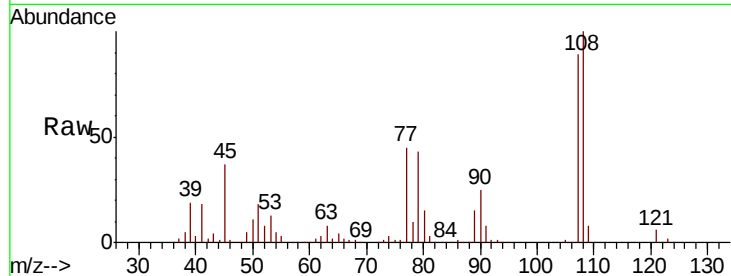




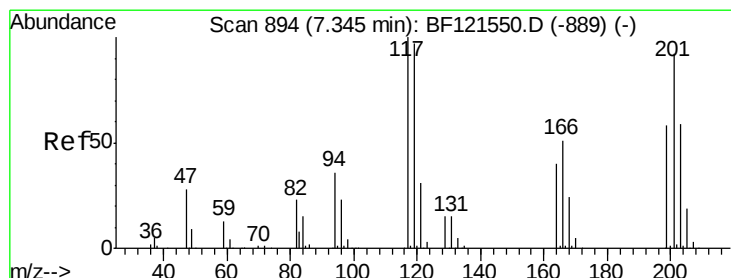
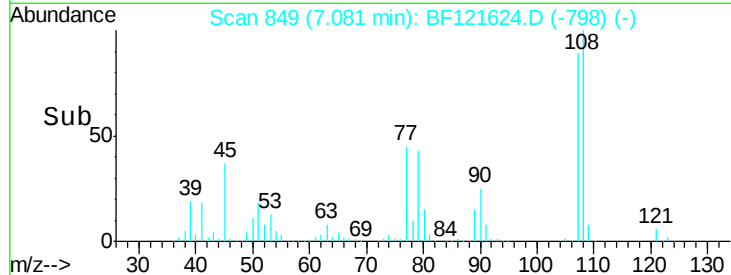
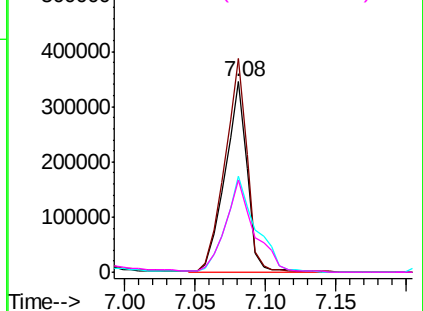
#17
2-Methylphenol
Concen: 37.039 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

Tot Ion:107 Resp: 374077
Ion Ratio Lower Upper
107 100
108 112.0 90.6 135.8
77 50.4 38.7 58.1
79 48.5 37.9 56.9

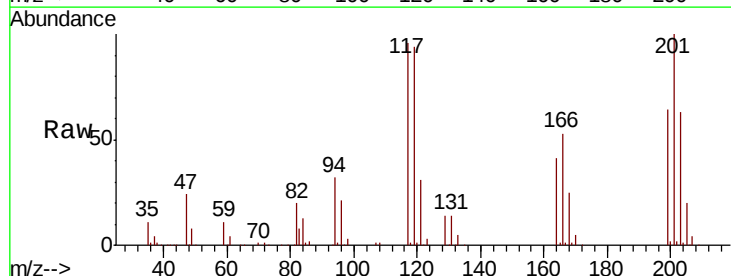


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

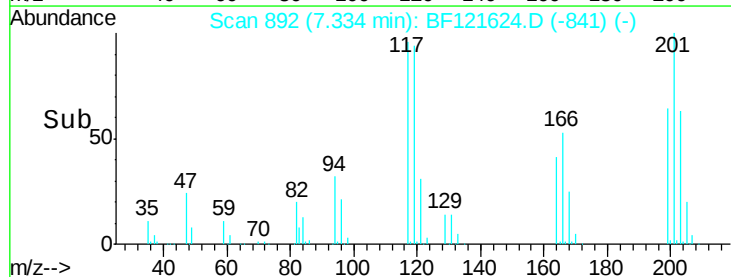
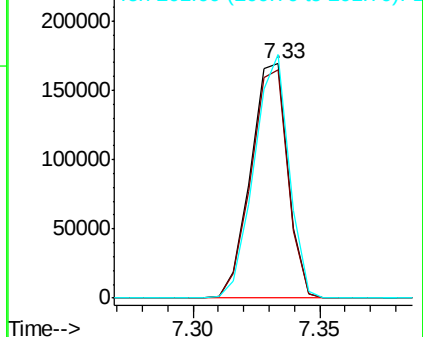


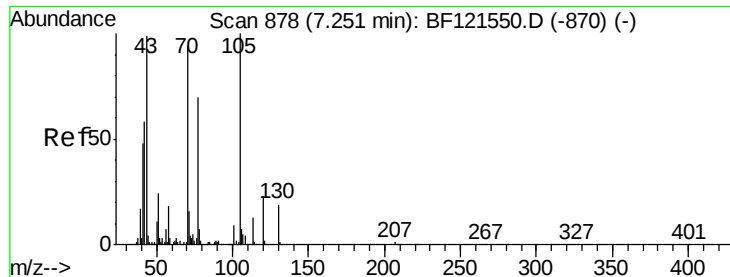
#18
Hexachloroethane
Concen: 36.254 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:117 Resp: 172690
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5
201 103.8 77.5 116.3



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

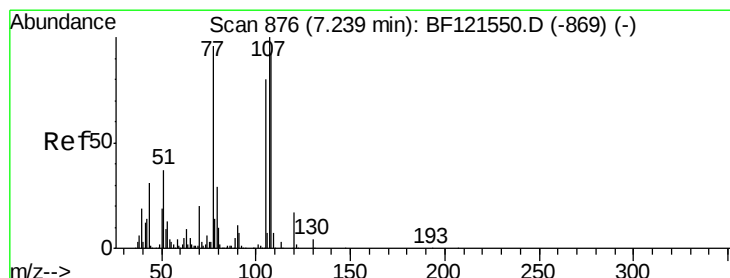
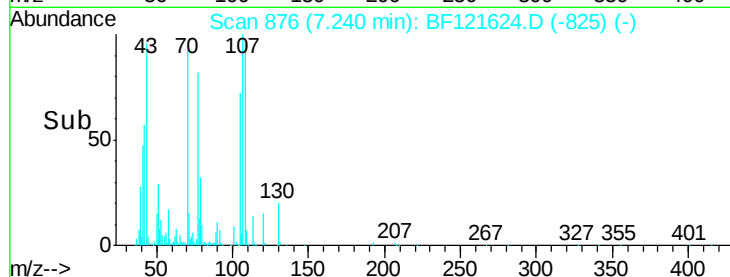
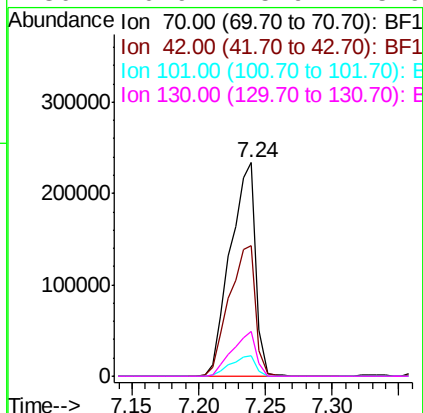
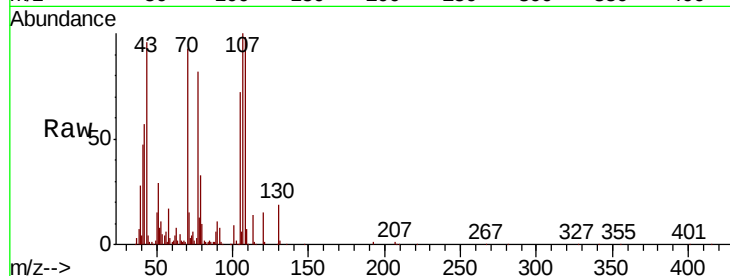




#19
n-Nitroso-di-n-propylamine
Concen: 35.499 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

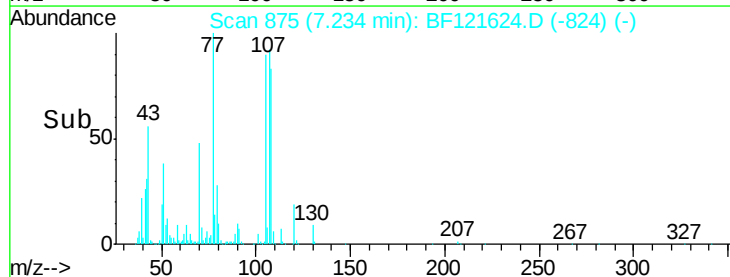
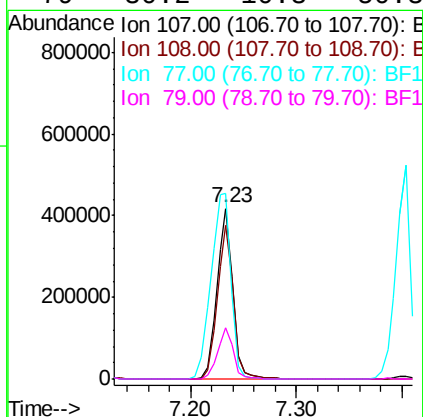
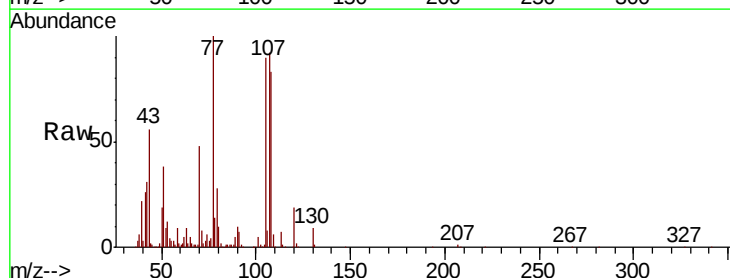
Instrument :
BNA_F
ClientSampleId :
PB131730BS

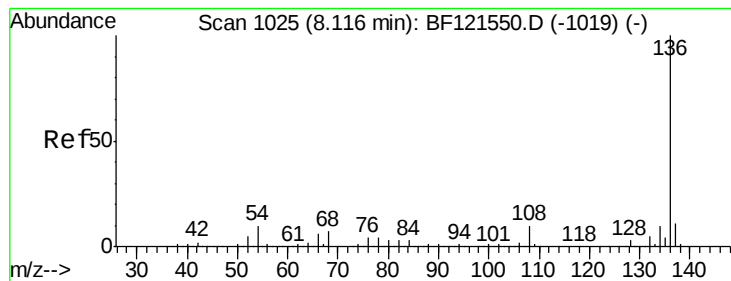
Tot Ion: 70 Resp: 312922
Ion Ratio Lower Upper
70 100
42 61.4 48.3 72.5
101 9.7 7.6 11.4
130 20.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.520 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion: 107 Resp: 443154
Ion Ratio Lower Upper
107 100
108 89.9 67.0 107.0
77 108.5 107.7 147.7
79 30.2 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

Tot Ion:136 Resp: 686287

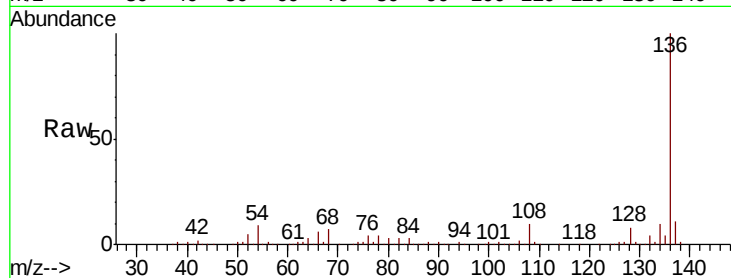
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 7.4 11.0

68 6.6 5.3 7.9

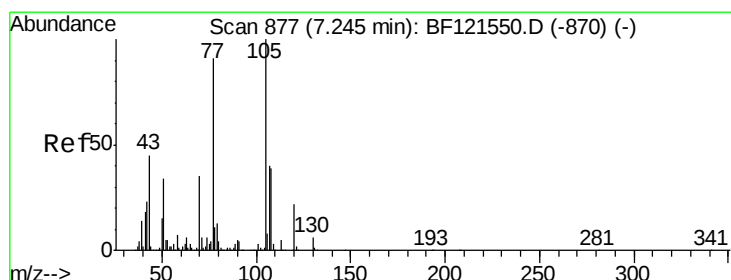
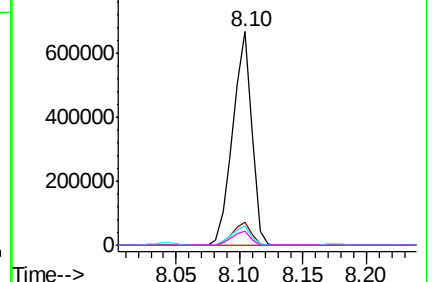
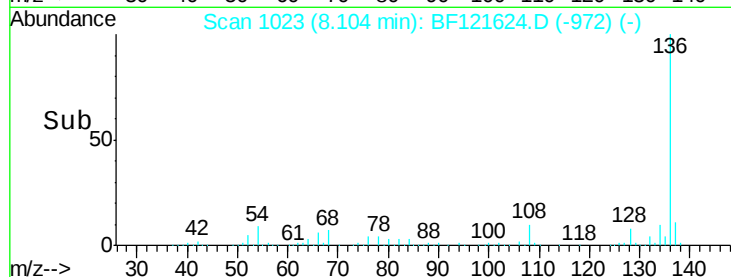


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.110 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Tgt Ion:105 Resp: 593930

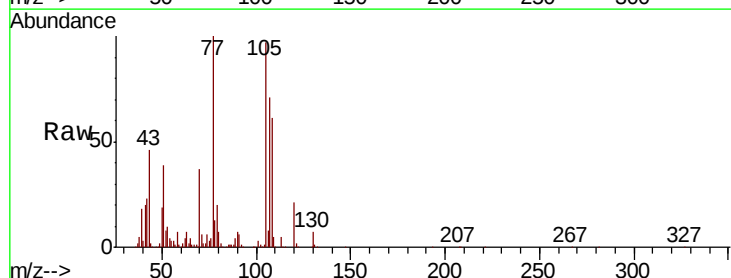
Ion Ratio Lower Upper

105 100

71 6.2 5.5 8.3

51 40.0 31.7 47.5

120 21.9 17.4 26.2

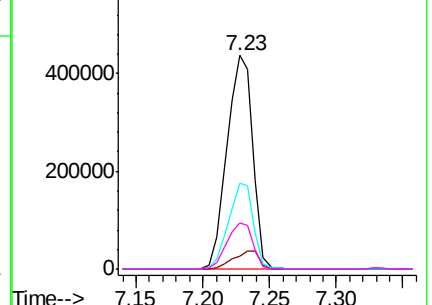
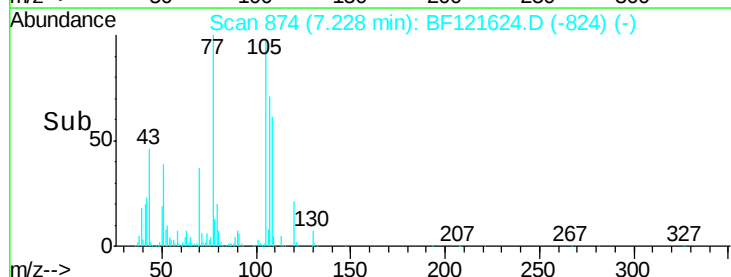


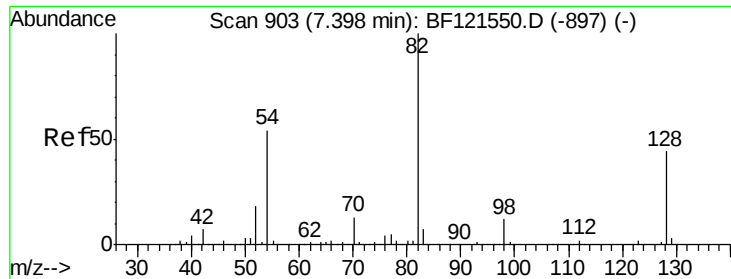
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

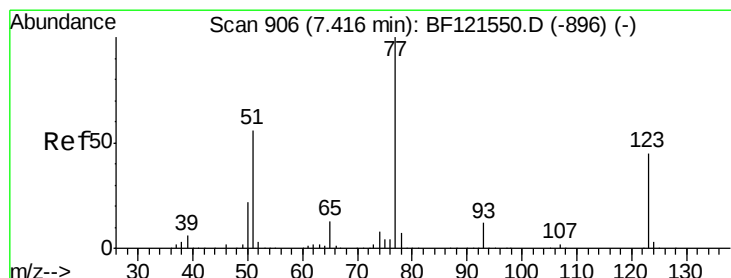
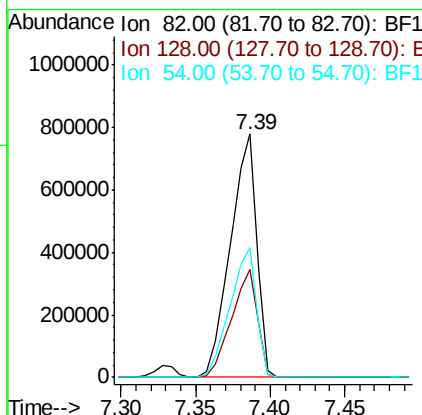
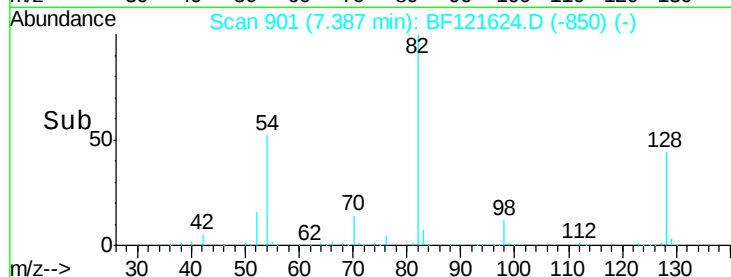
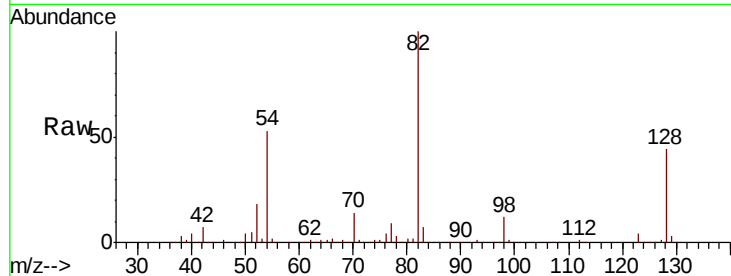




#23
 Nitrobenzene-d5
 Concen: 75.404 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

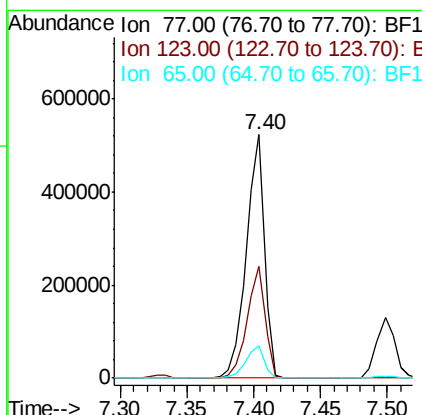
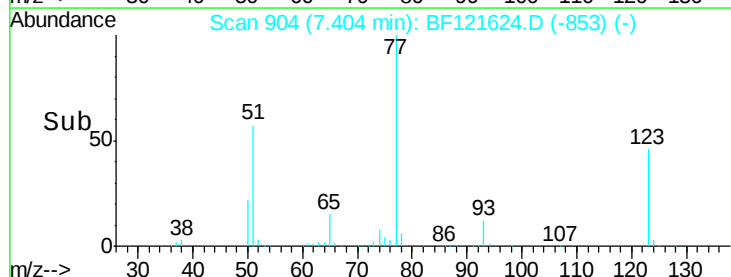
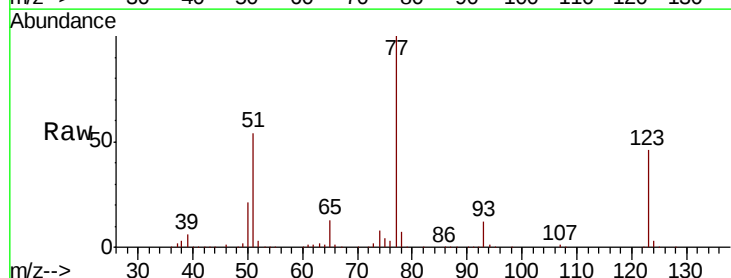
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

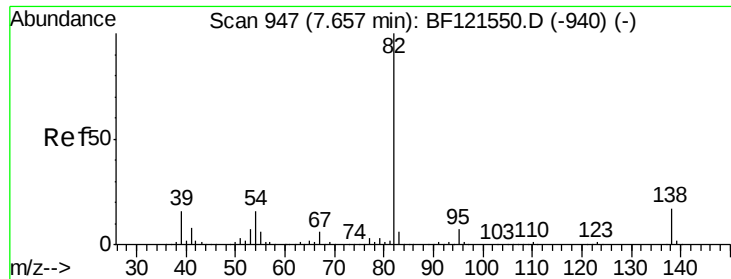
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.9	50.9
54	53.3	42.9	64.3



#24
 Nitrobenzene
 Concen: 35.380 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.8	53.8
65	13.4	11.2	16.8





#25

Isophorone

Concen: 34.064 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

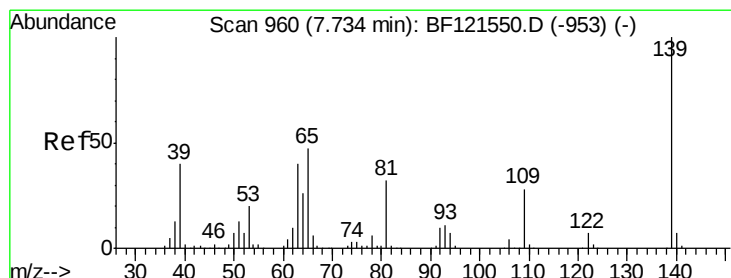
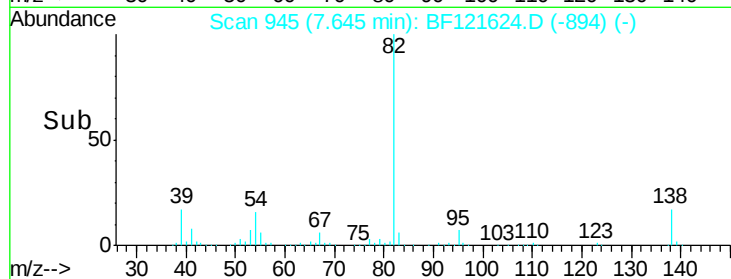
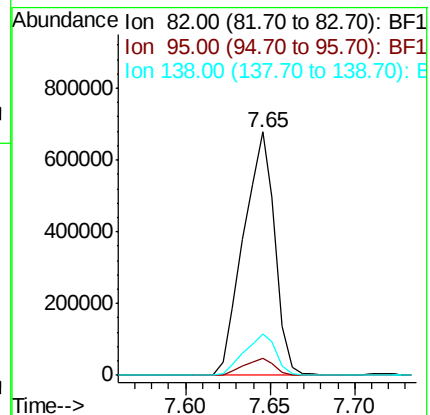
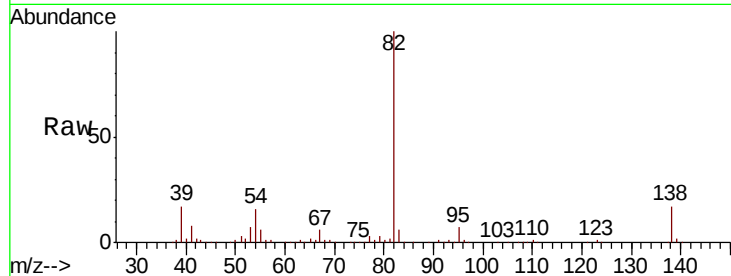
Tot Ion: 82 Resp: 876477

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 36.411 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

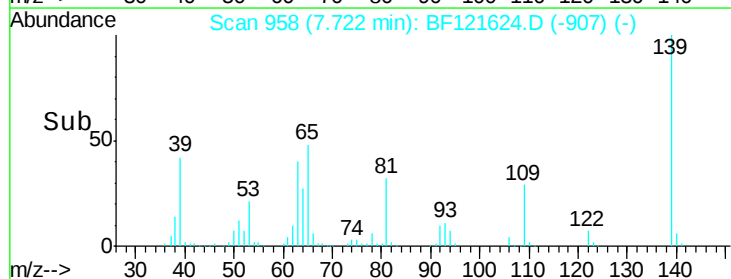
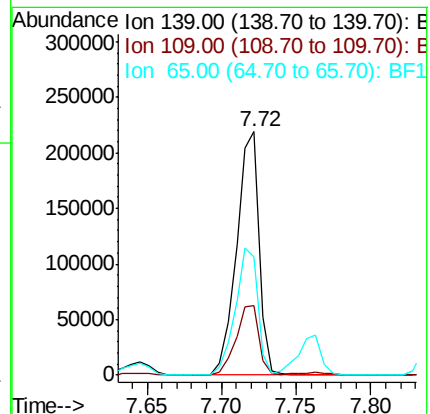
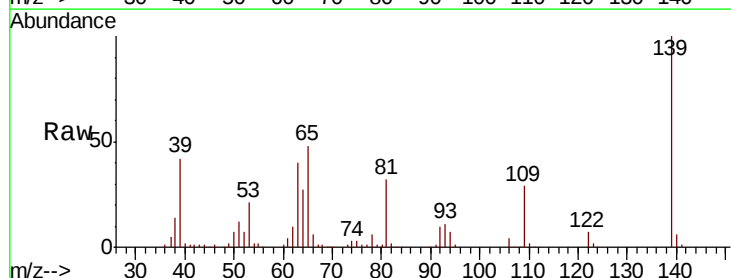
Tgt Ion: 139 Resp: 232721

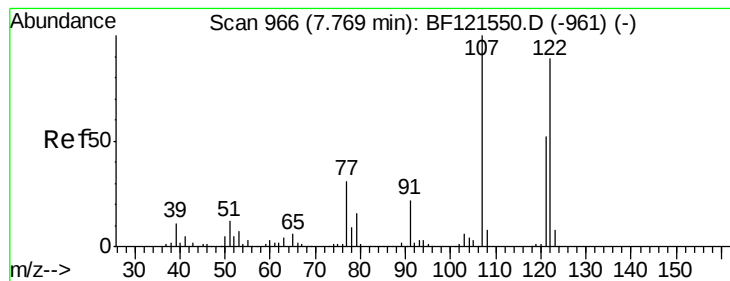
Ion Ratio Lower Upper

139 100

109 28.8 23.4 35.2

65 48.3 41.0 61.4

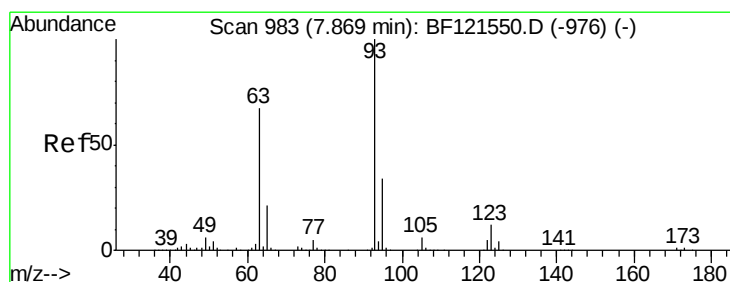
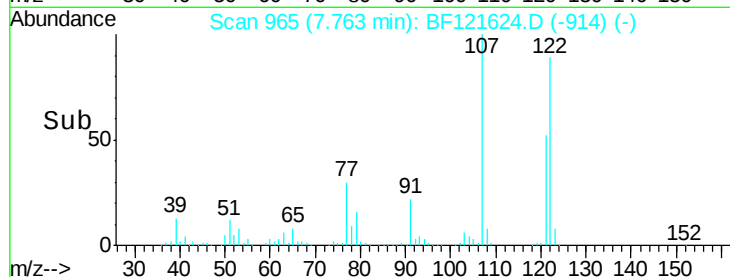
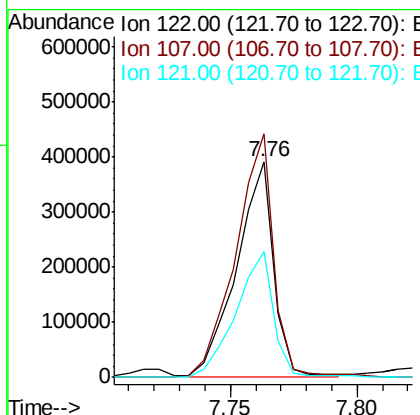
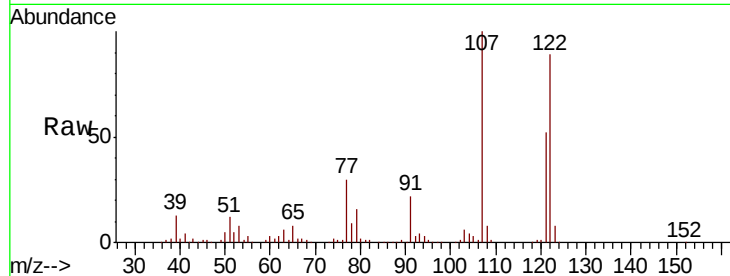




#27
 2,4-Dimethylphenol
 Concen: 34.785 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

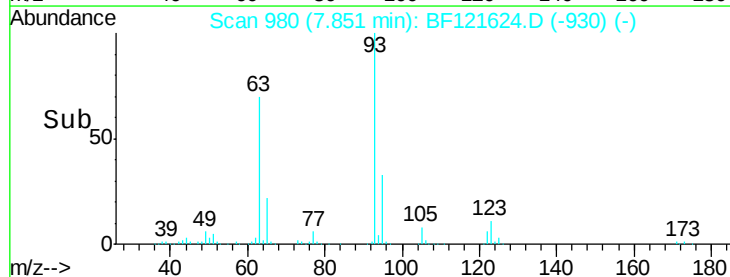
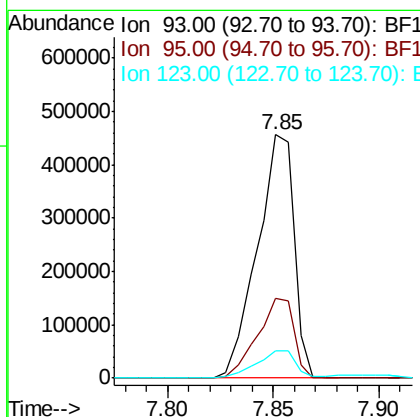
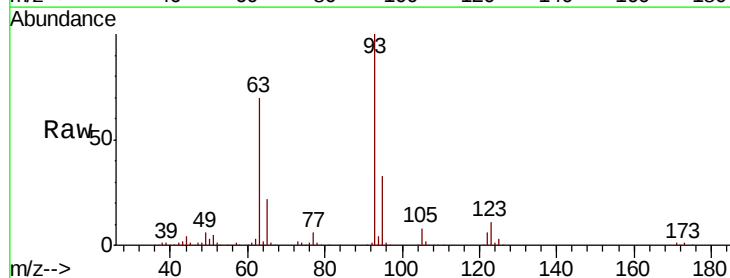
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

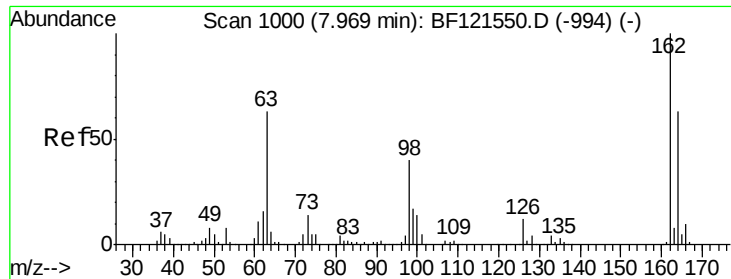
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.4	137.0
121	58.3	46.2	69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.612 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.2	9.3	13.9

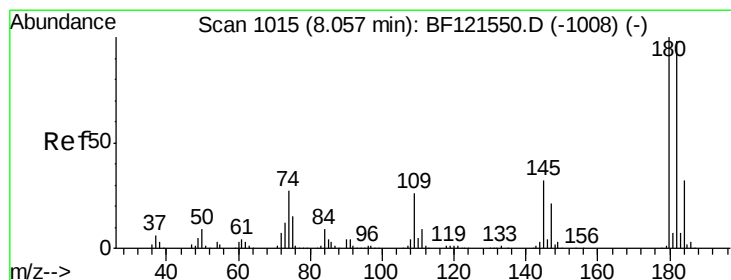
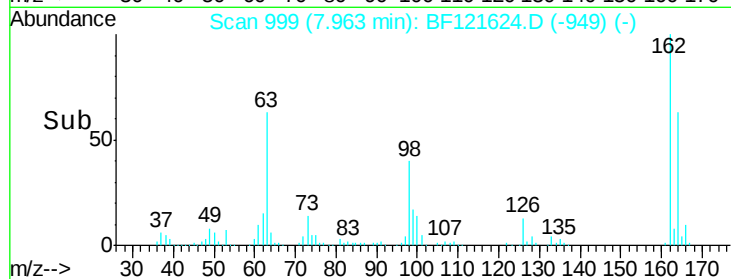
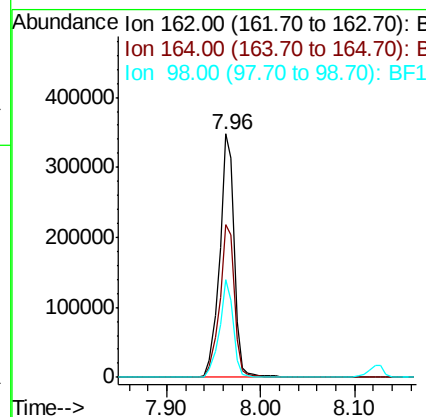
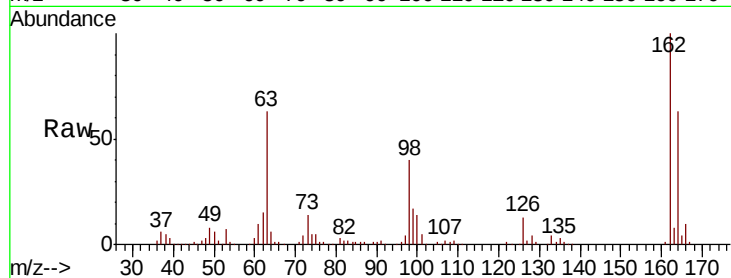




#29
 2,4-Dichlorophenol
 Concen: 36.291 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

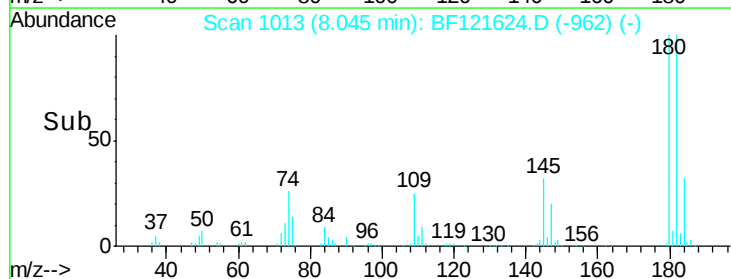
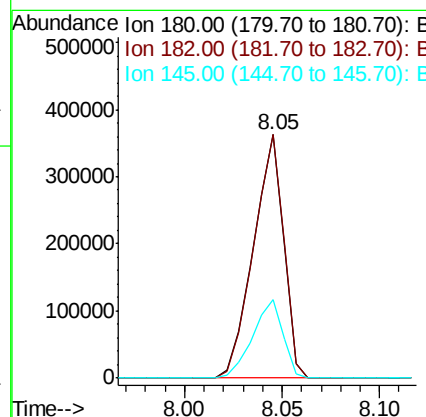
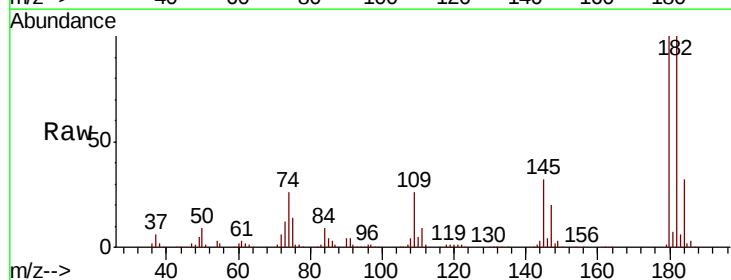
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

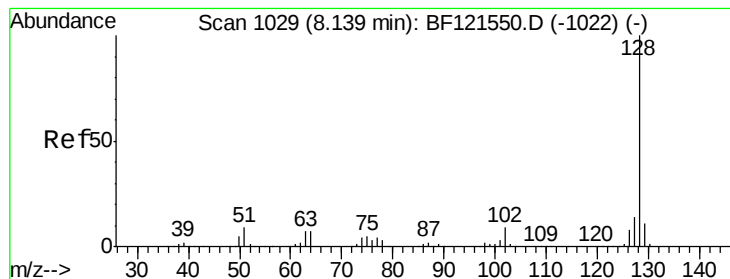
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	40.2	16.7	56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 35.240 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	78.6	117.8
145	32.4	26.2	39.2





#31

Naphthalene

Concen: 34.995 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

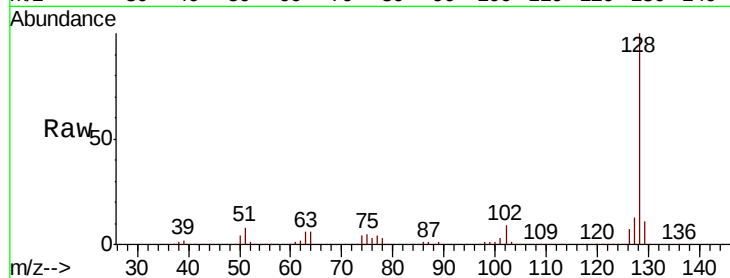
Tot Ion:128 Resp: 1267796

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

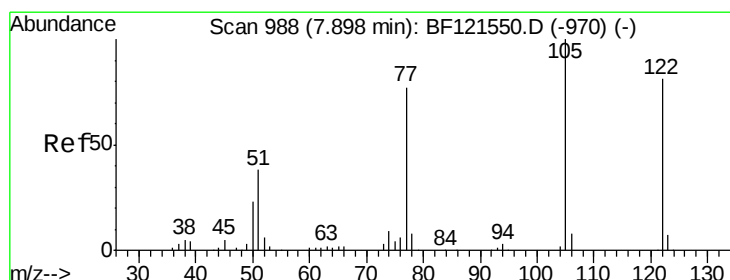
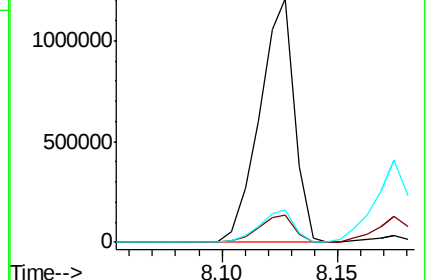
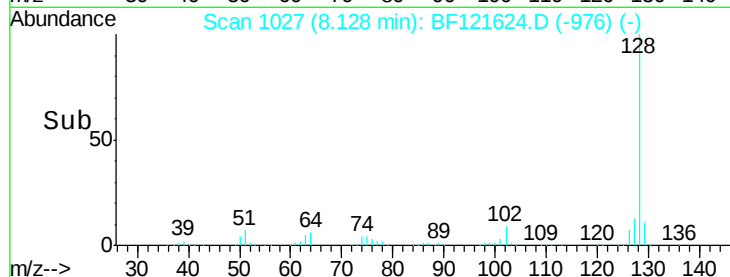
127 13.2 10.8 16.2



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: 34.720 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

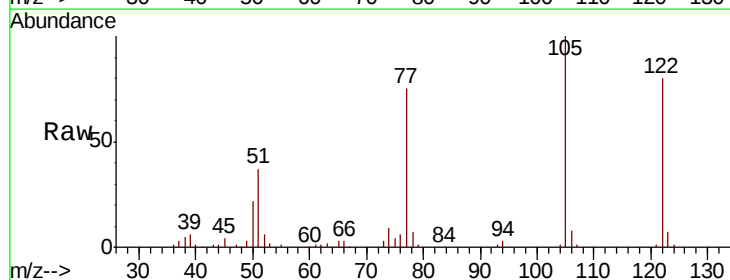
Tgt Ion:122 Resp: 278305

Ion Ratio Lower Upper

122 100

105 125.5 101.9 141.9

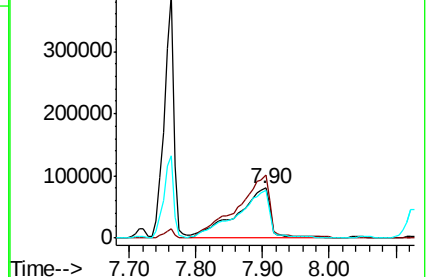
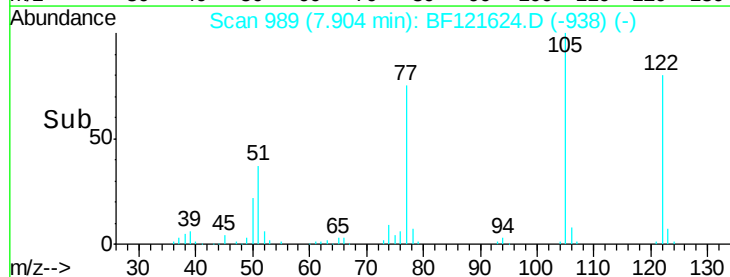
77 94.5 69.0 109.0

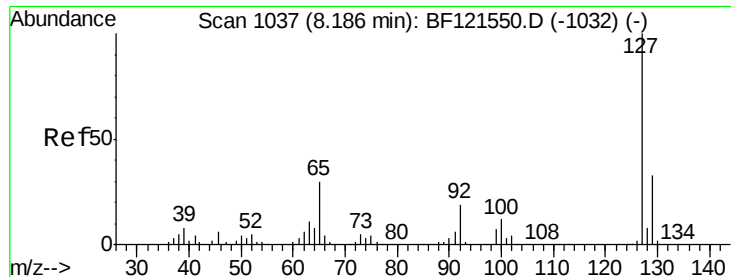


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

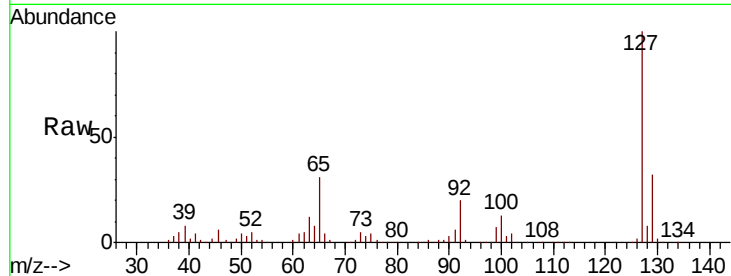




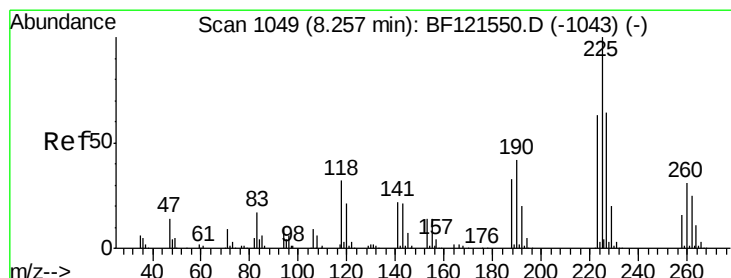
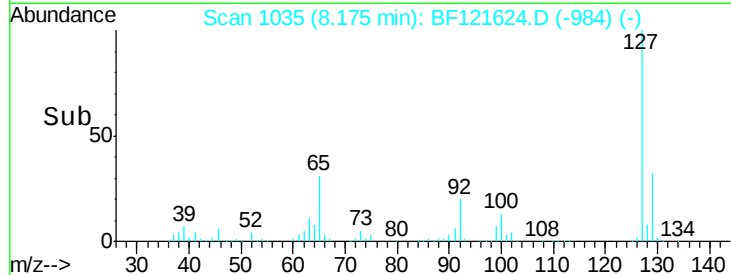
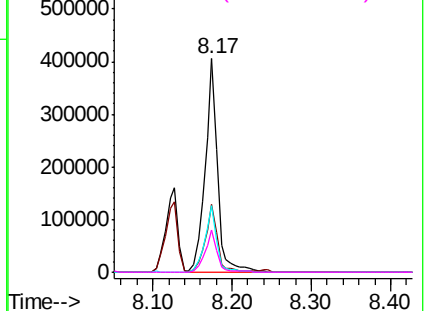
#33
 4-Chloroaniline
 Concen: 28.205 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Tot Ion:	127	Resp:	442930
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	31.3	26.3	39.5
92	19.6	16.2	24.4

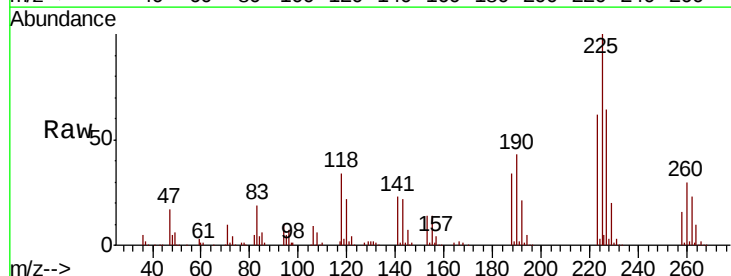


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

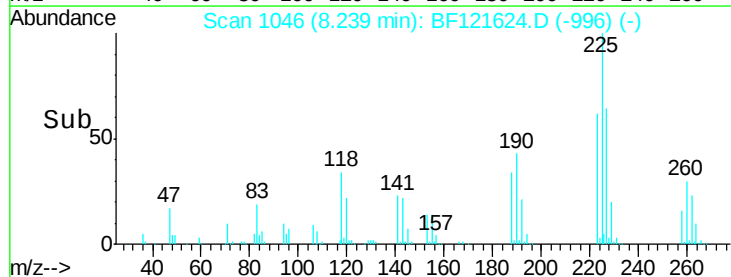
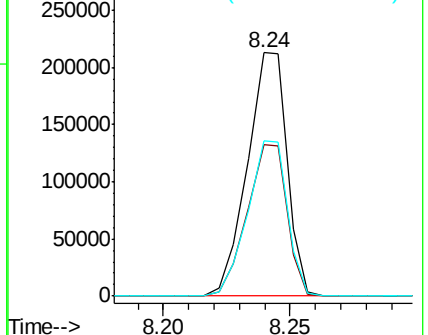


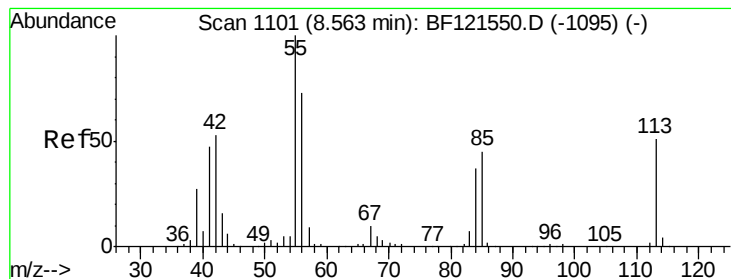
#34
 Hexachlorobutadiene
 Concen: 35.946 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:	225	Resp:	232454
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	63.6	51.7	77.5



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: 22.159 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

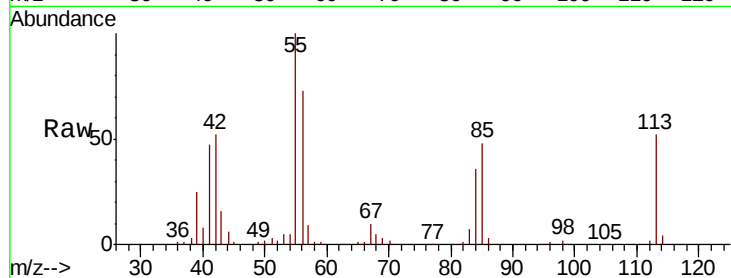
Tot Ion:113 Resp: 77194

Ion Ratio Lower Upper

113 100

55 192.3 166.3 206.3

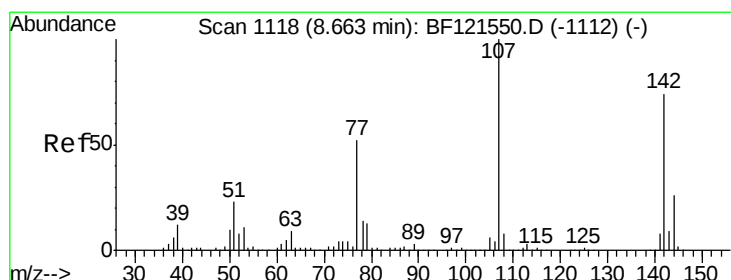
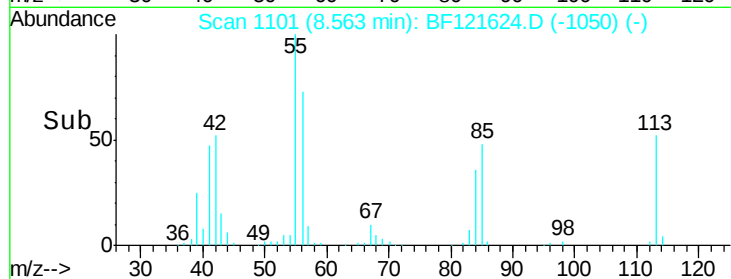
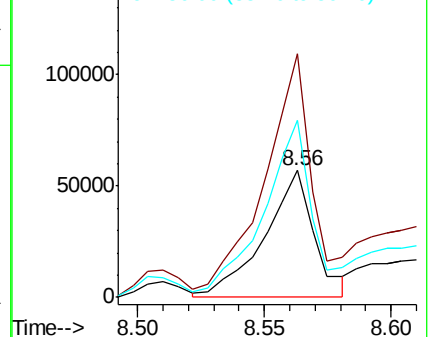
56 139.8 118.7 158.7



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: 37.398 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

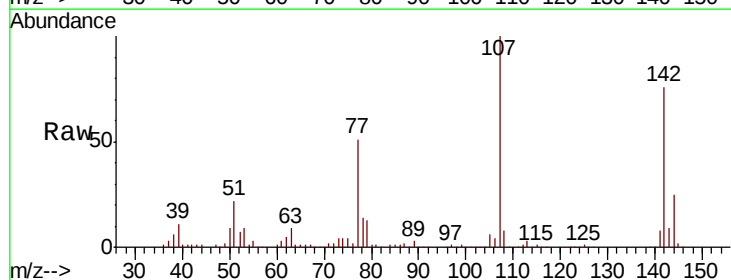
Tgt Ion:107 Resp: 421441

Ion Ratio Lower Upper

107 100

144 24.9 20.6 31.0

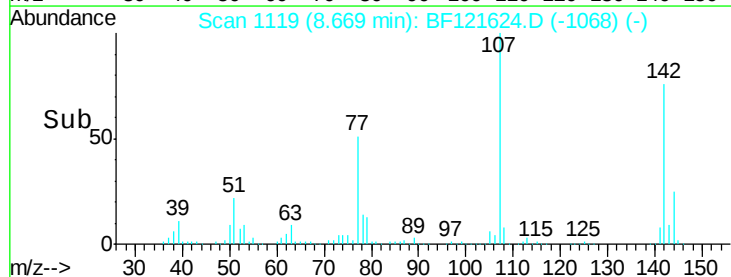
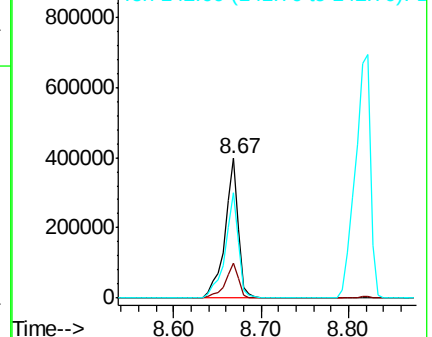
142 75.7 61.7 92.5

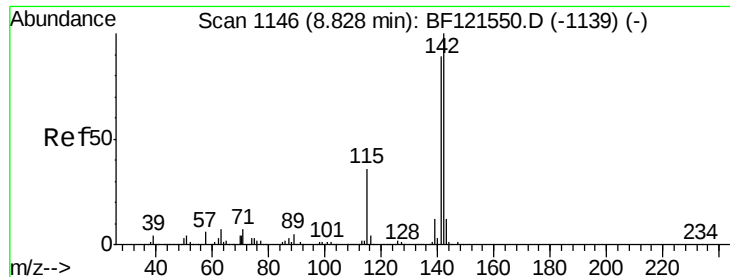


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

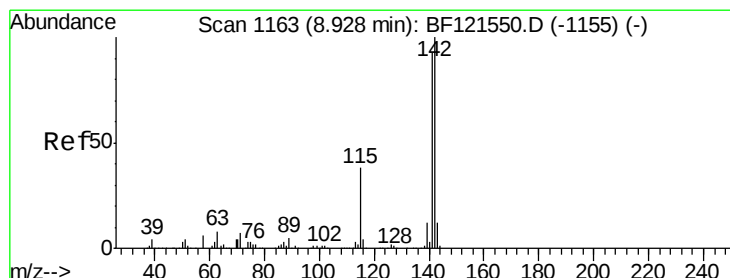
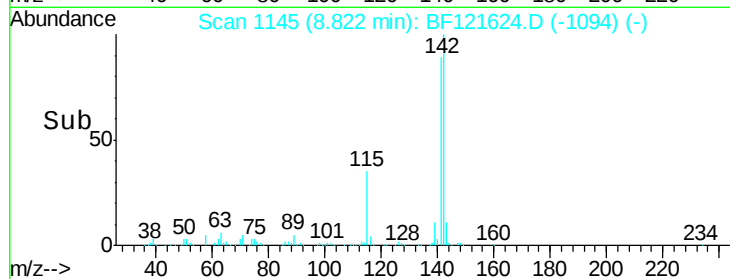
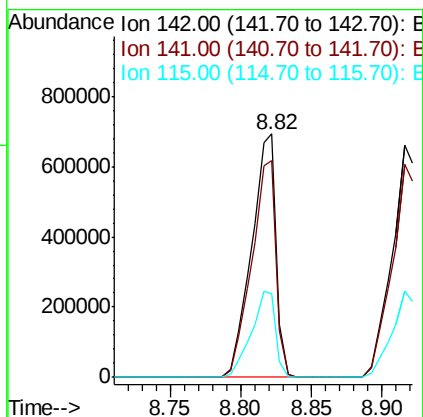
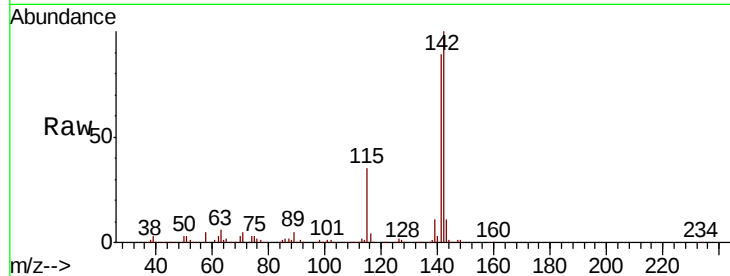




#37
2-Methylnaphthalene
Concen: 35.706 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

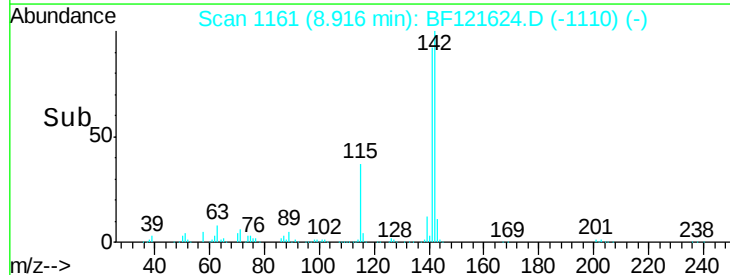
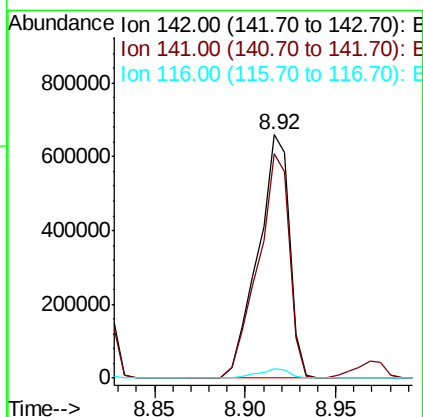
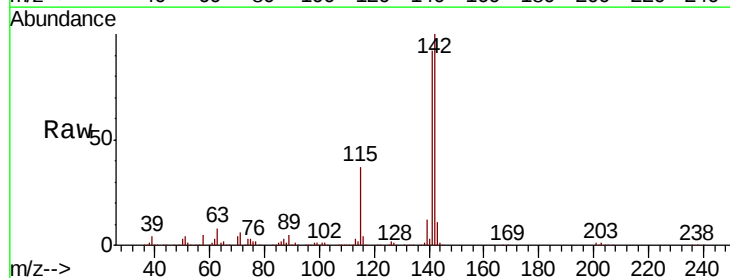
Instrument :
BNA_F
ClientSampleId :
PB131730BS

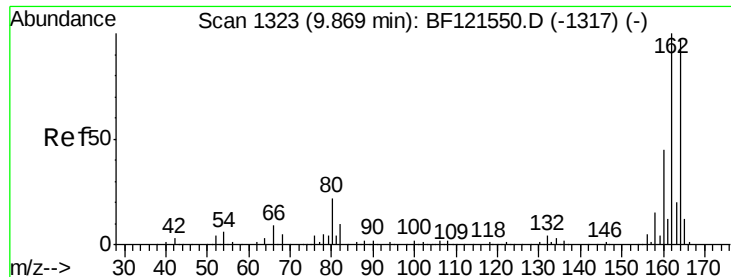
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2
115	34.5	28.5	42.7



#38
1-Methylnaphthalene
Concen: 36.024 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

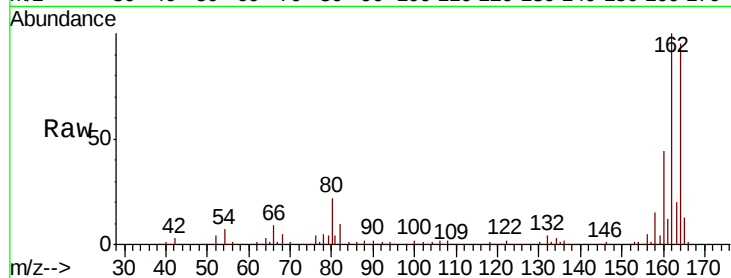
Tot Ion:164 Resp: 360937

Ion Ratio Lower Upper

164 100

162 104.8 81.2 121.8

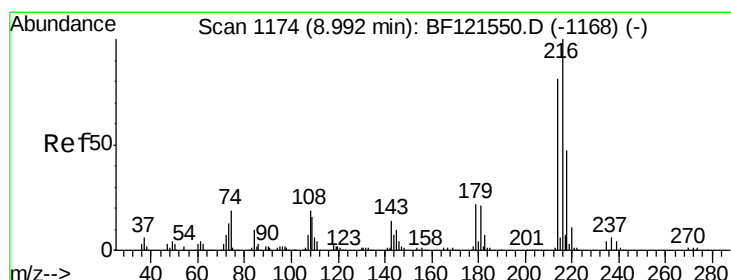
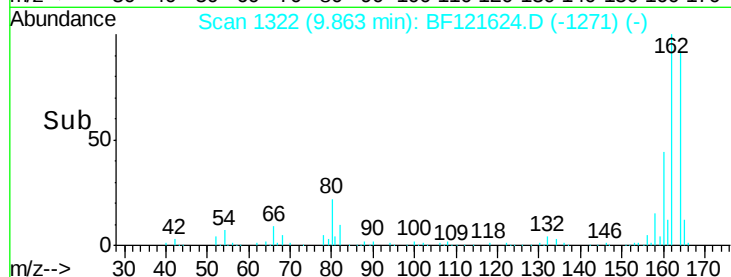
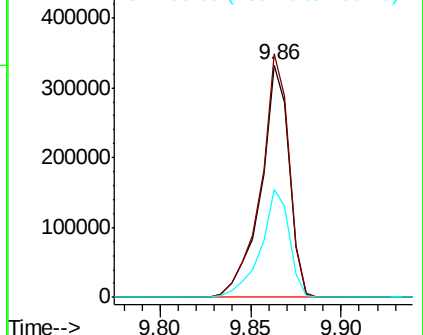
160 46.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.445 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Tgt Ion:216 Resp: 388349

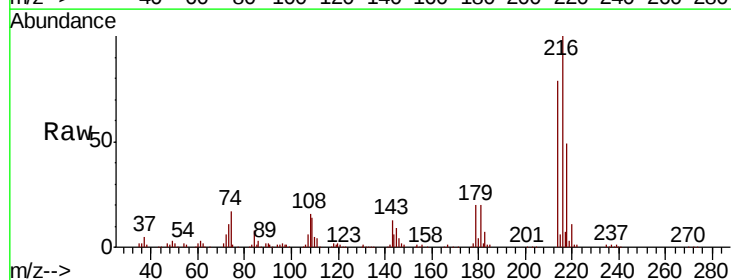
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.6 16.6 24.8

108 21.1 15.2 22.8

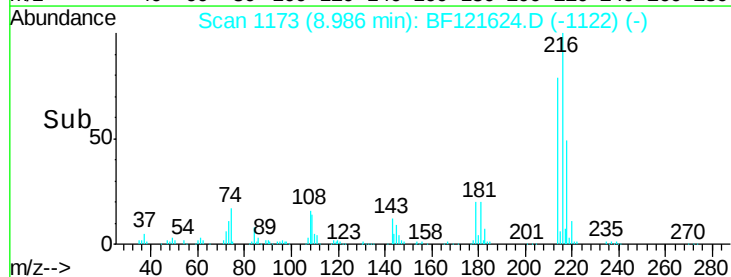
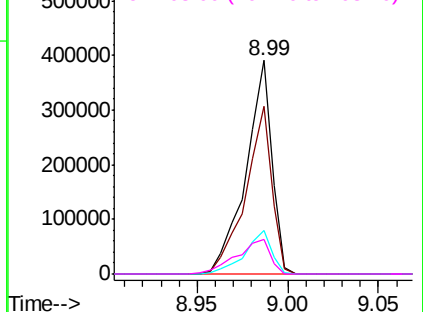


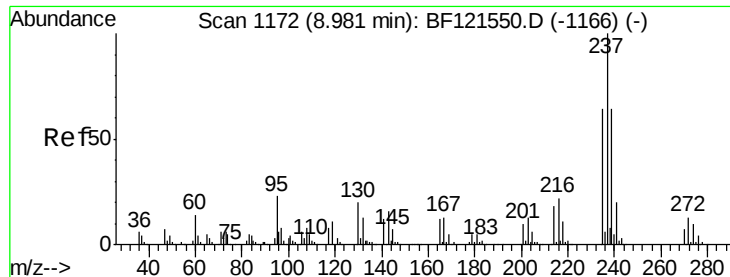
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.840 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

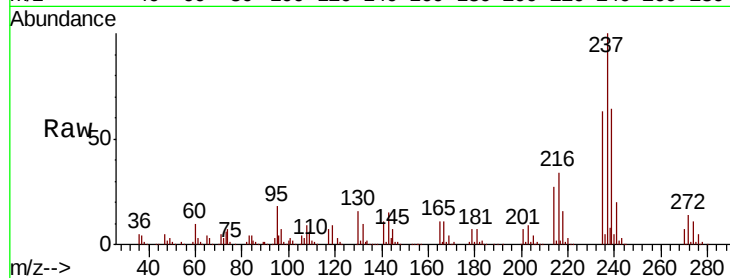
Tot Ion:237 Resp: 449668

Ion Ratio Lower Upper

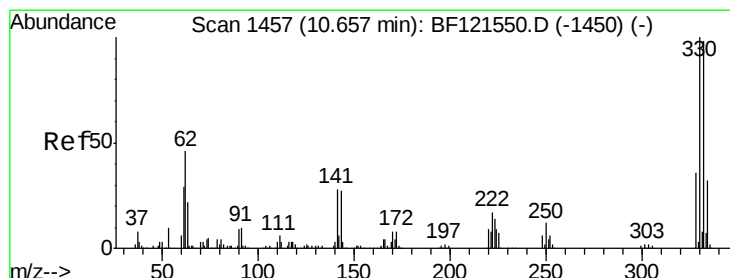
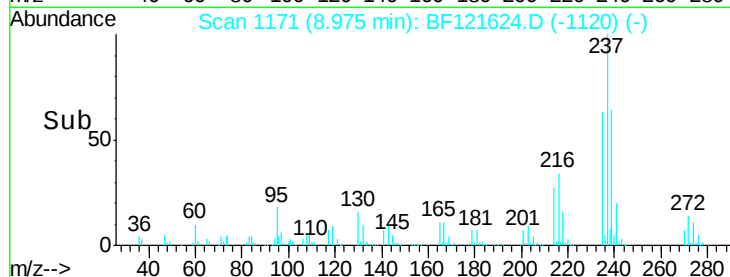
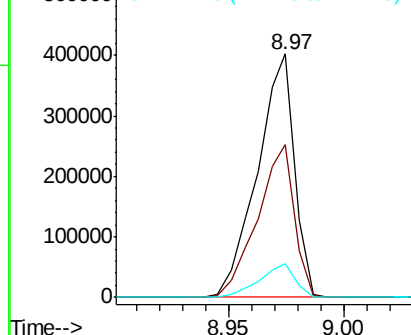
237 100

235 62.6 43.4 83.4

272 14.0 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 106.556 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

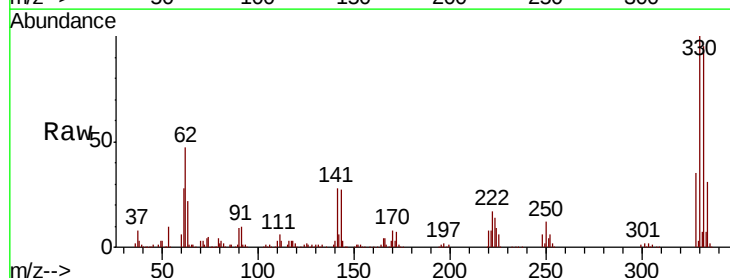
Tgt Ion:330 Resp: 478005

Ion Ratio Lower Upper

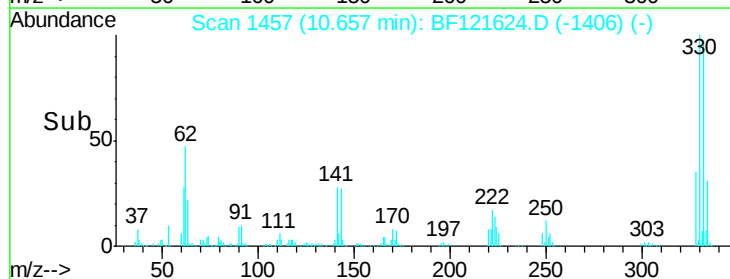
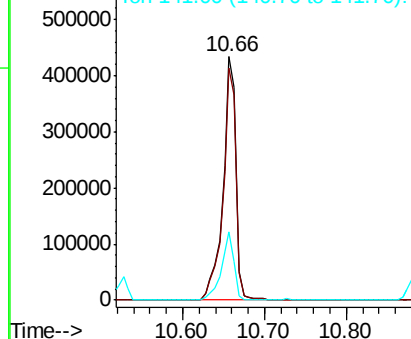
330 100

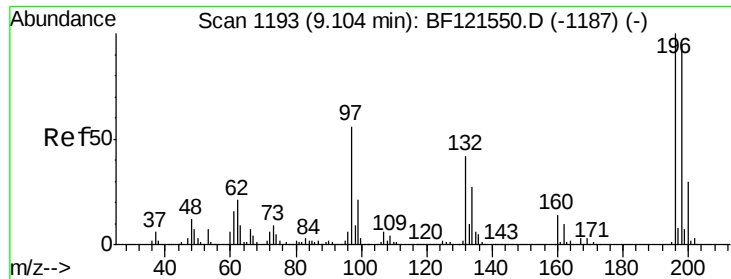
332 95.9 76.9 115.3

141 27.6 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

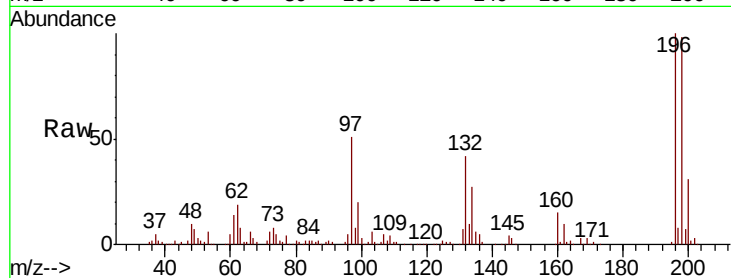




#43
 2,4,6-Trichlorophenol
 Concen: 36.462 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.4	113.2
200	30.9	24.5	36.7

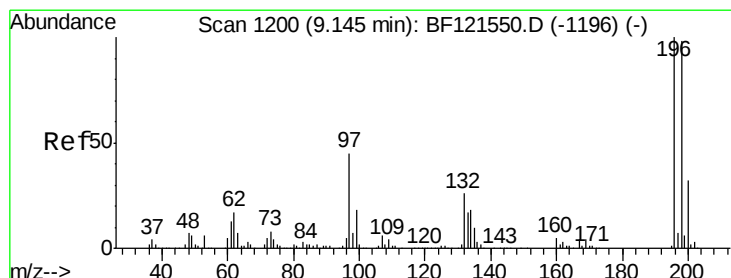
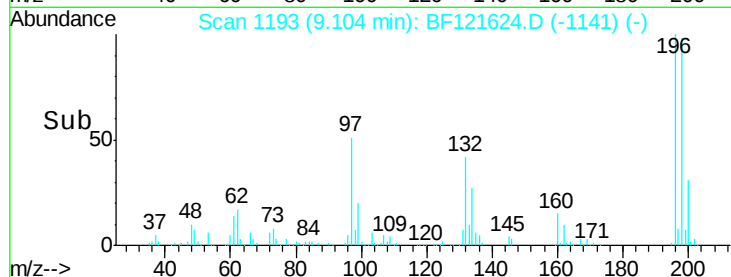
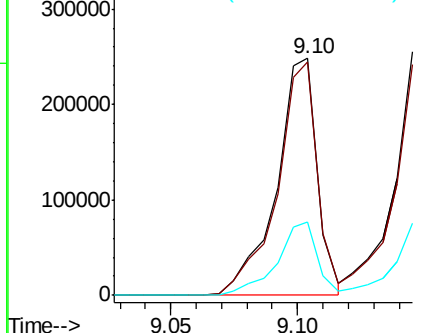


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.983 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.3	111.5
97	54.5	44.2	66.2
132	29.1	23.4	35.0

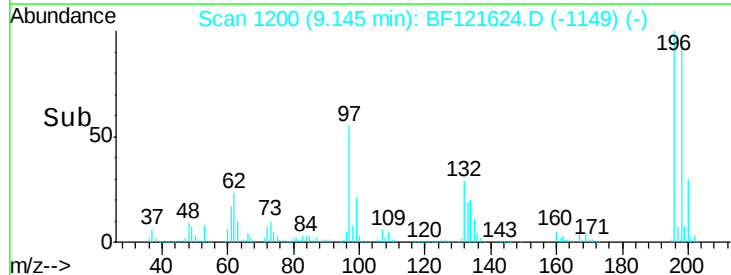
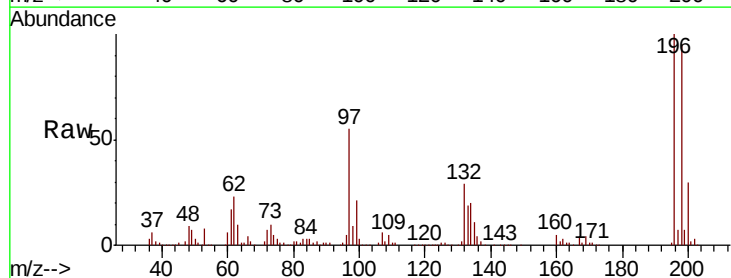
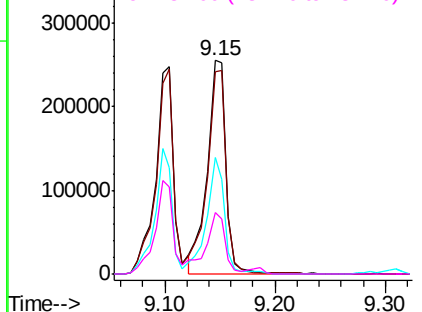
Abundance

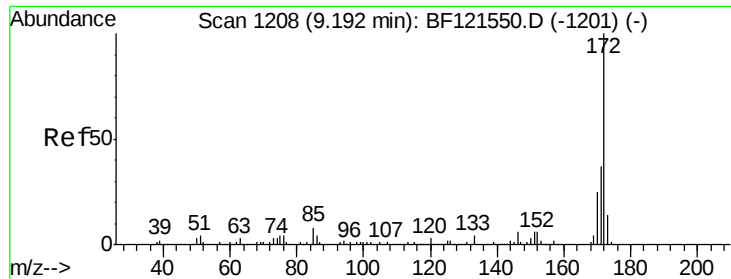
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

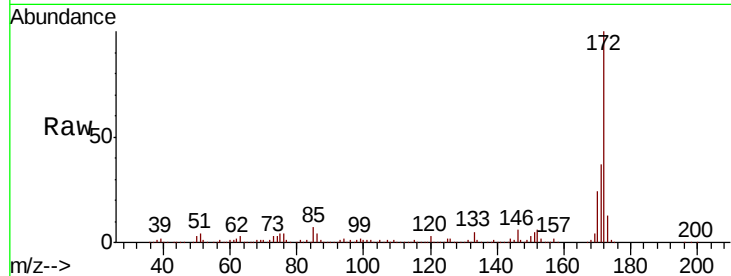




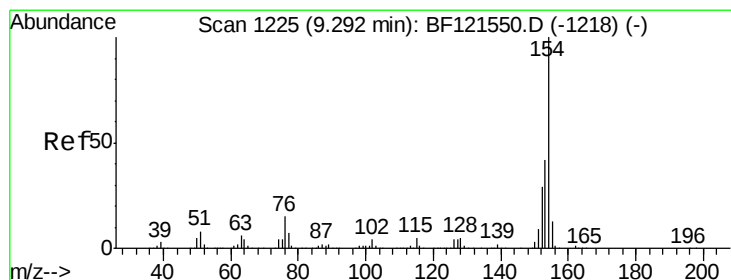
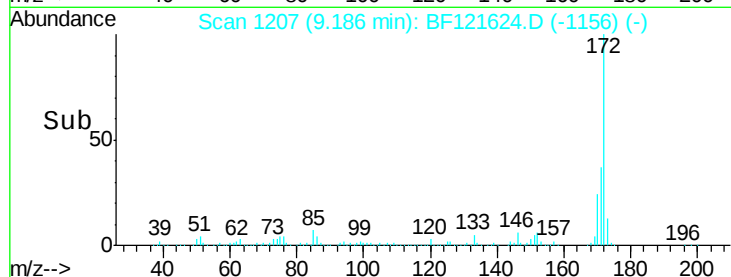
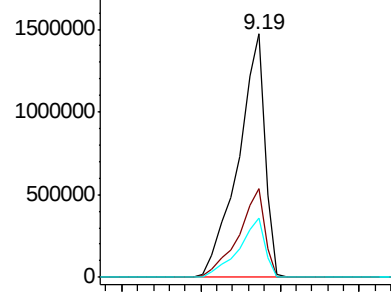
#45
2-Fluorobiphenyl
Concen: 72.591 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

Tot Ion:172 Resp: 1729950
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.3 19.5 29.3

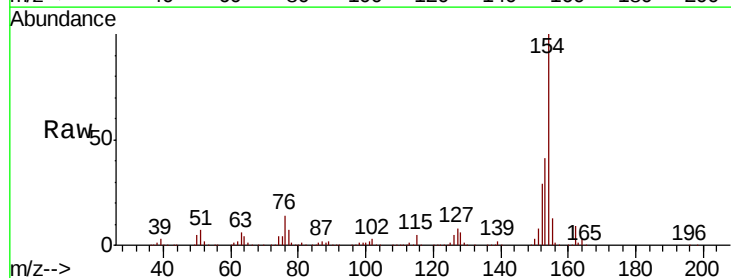


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

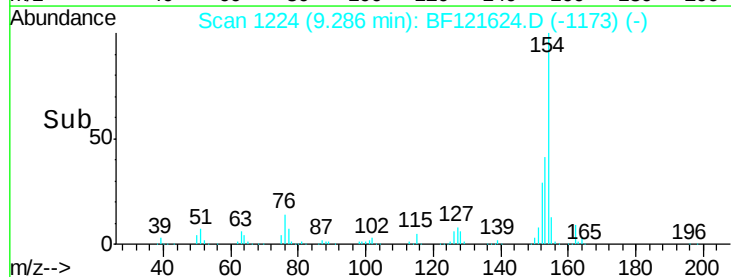
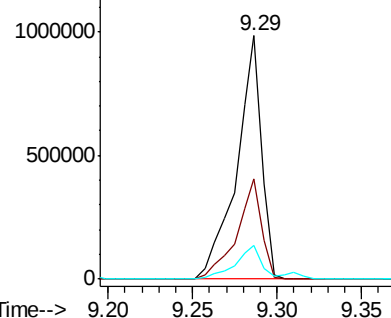


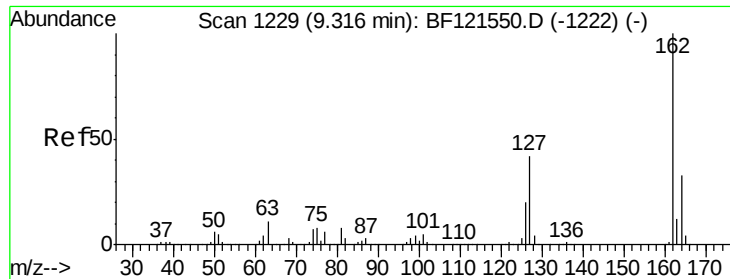
#46
1,1'-Biphenyl
Concen: 35.273 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:154 Resp: 1019233
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 13.9 0.0 34.1



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

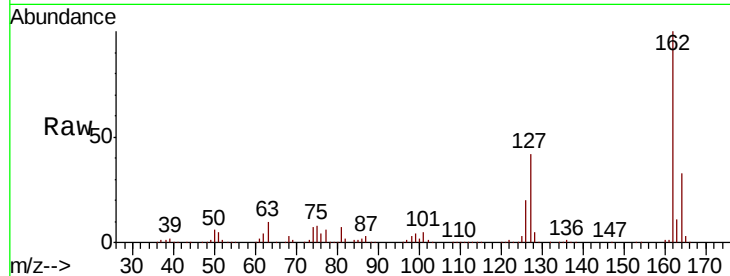




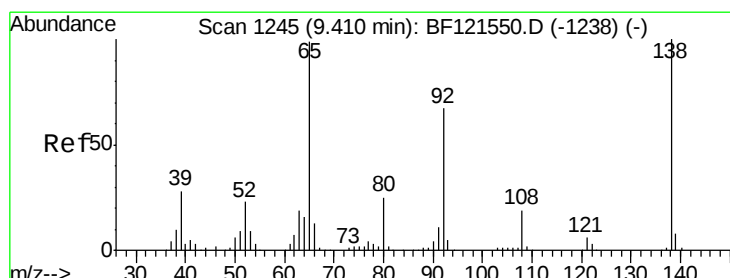
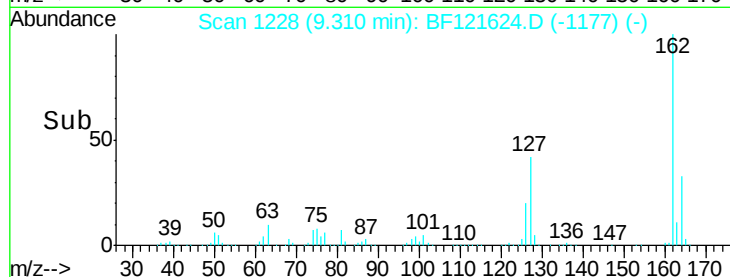
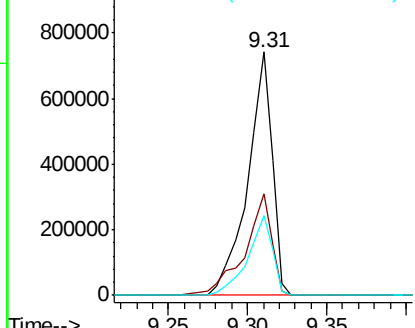
#47
 2-Chloronaphthalene
 Concen: 34.855 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Tot Ion:162 Resp: 793660
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.2 51.4
 164 32.6 27.0 40.4

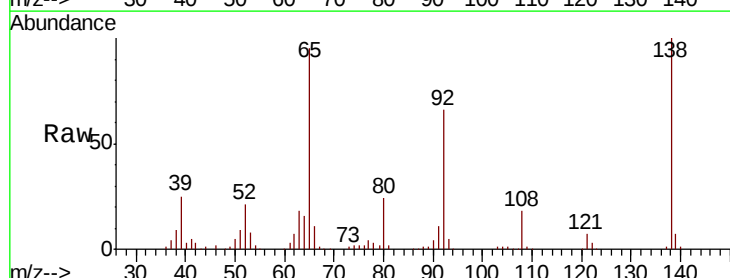


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

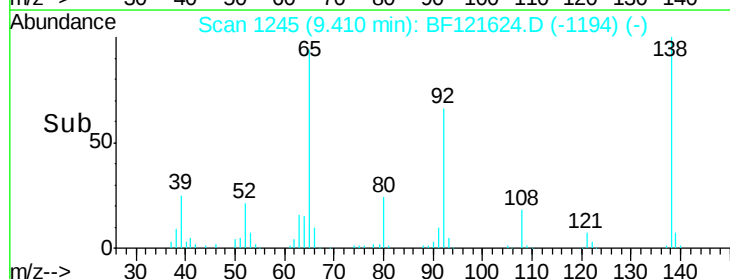
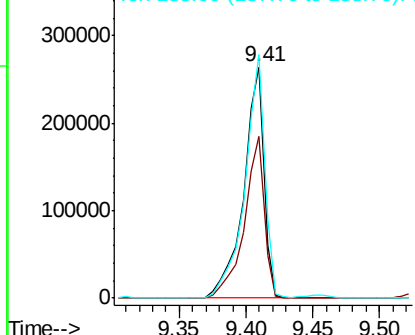


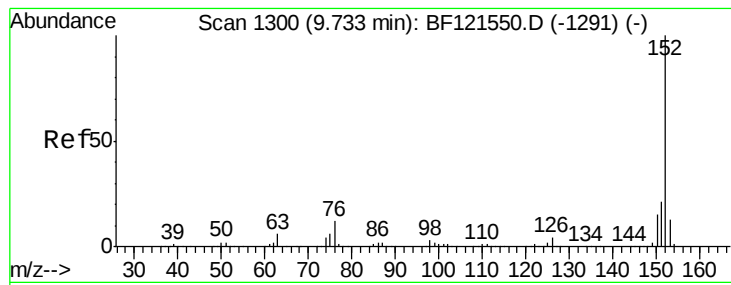
#48
 2-Nitroaniline
 Concen: 39.233 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion: 65 Resp: 277606
 Ion Ratio Lower Upper
 65 100
 92 69.9 56.0 84.0
 138 105.5 84.7 127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.961 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

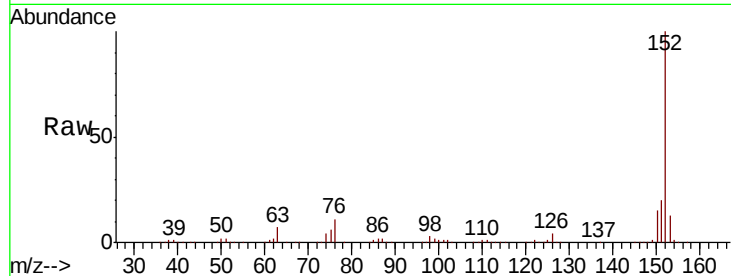
Tot Ion:152 Resp: 1258131

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

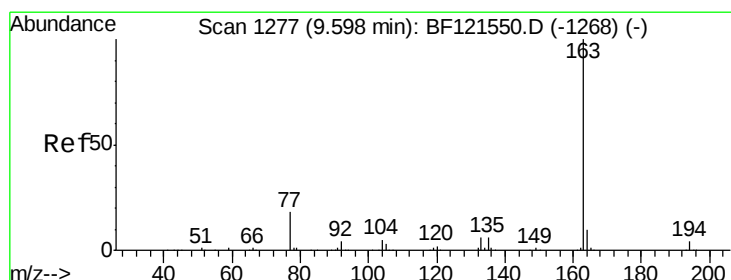
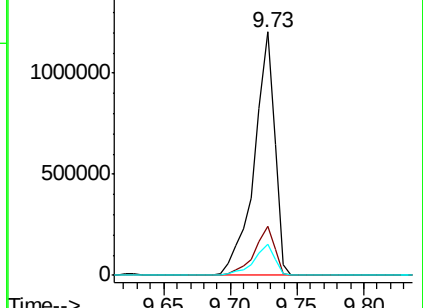
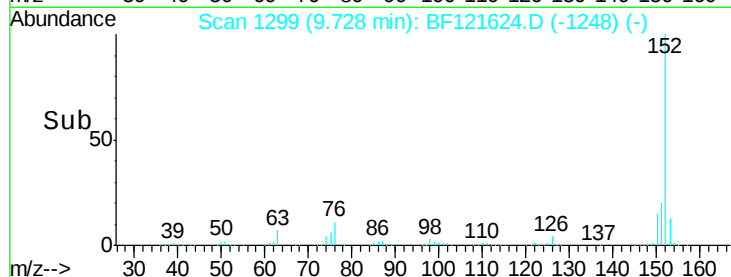
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.638 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

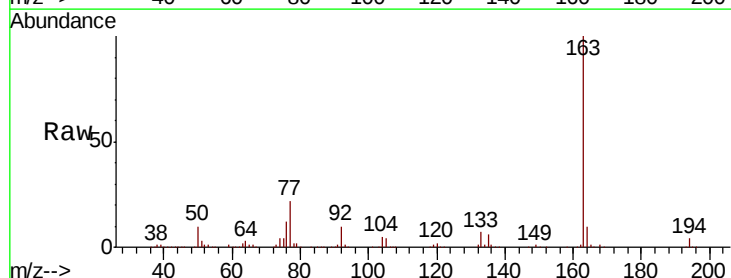
Tgt Ion:163 Resp: 958463

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

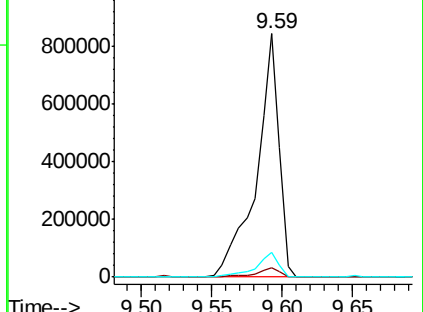
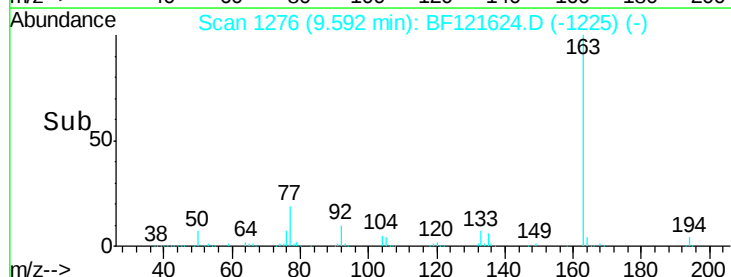
164 10.3 8.0 12.0

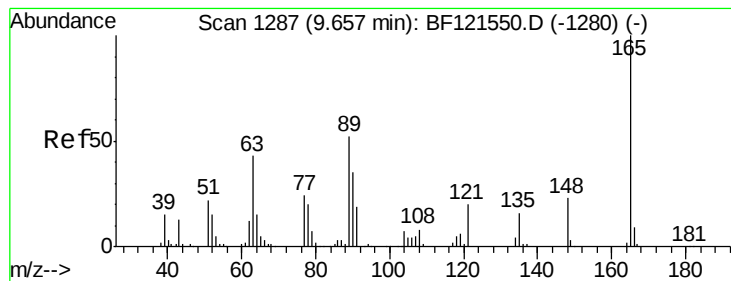


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.037 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

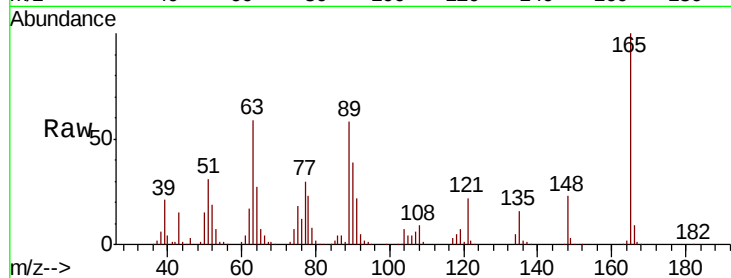
Tot Ion:165 Resp: 217483

Ion Ratio Lower Upper

165 100

63 59.0 47.6 71.4

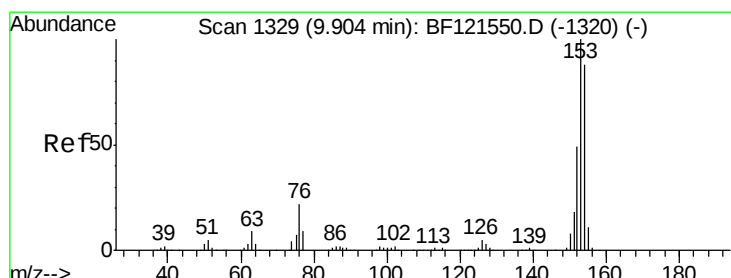
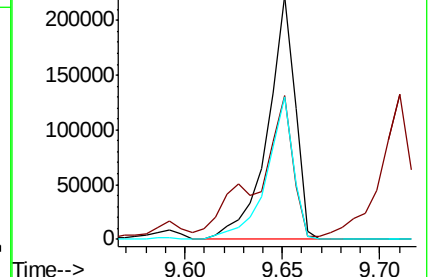
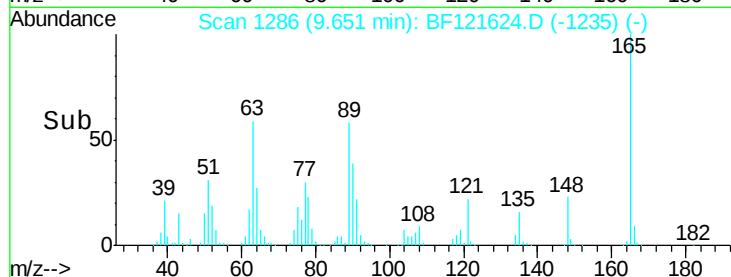
89 58.4 46.0 69.0



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: 33.958 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

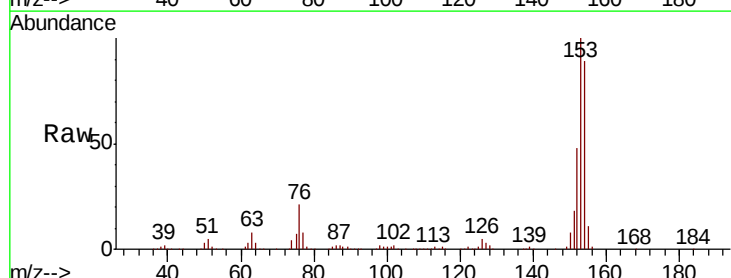
Tgt Ion:154 Resp: 750397

Ion Ratio Lower Upper

154 100

153 112.3 89.9 134.9

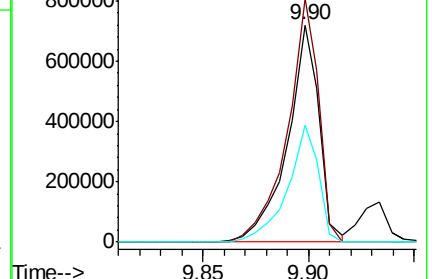
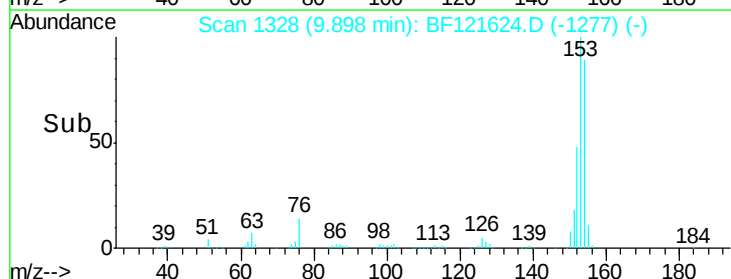
152 54.0 43.8 65.6

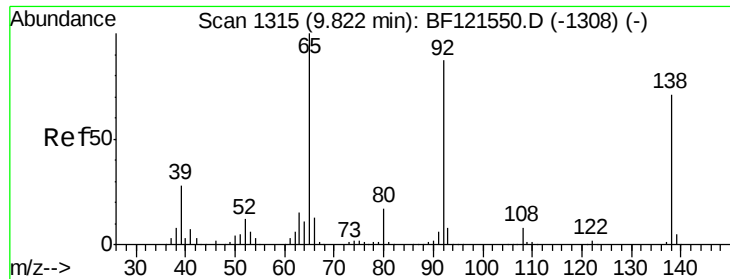


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

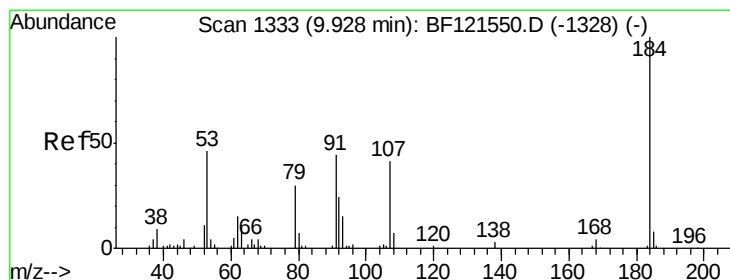
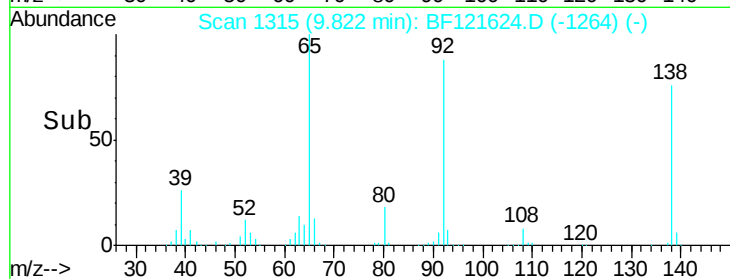
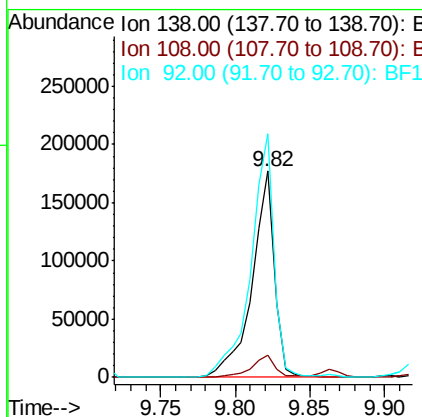
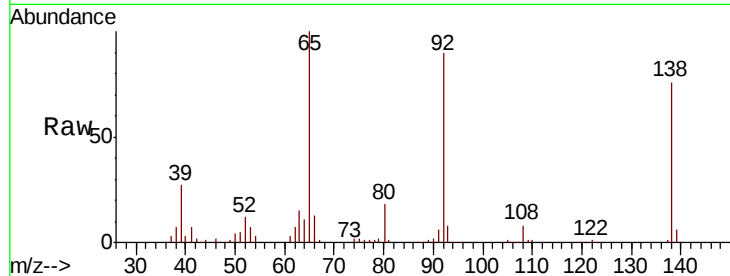




#53
 3-Nitroaniline
 Concen: 28.323 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

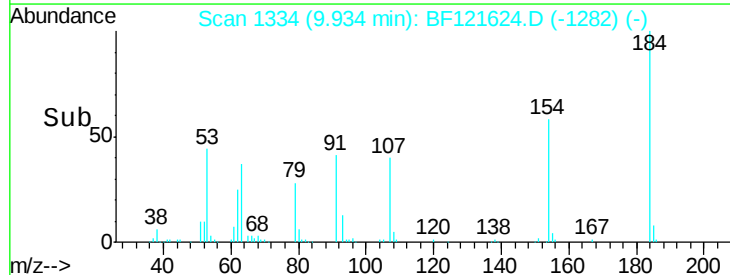
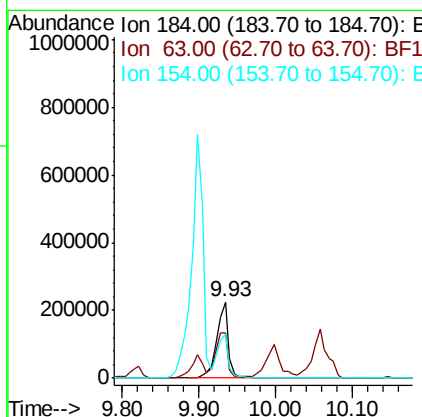
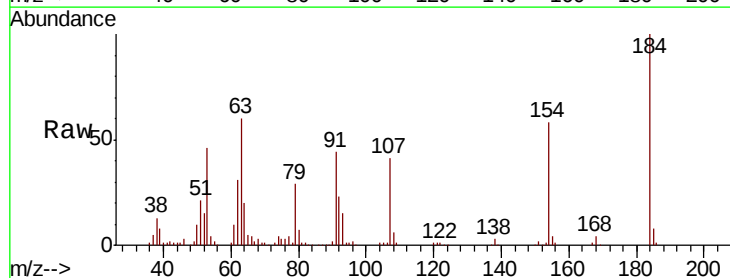
Instrument :
 BNA_F
 ClientSampled :
 PB131730BS

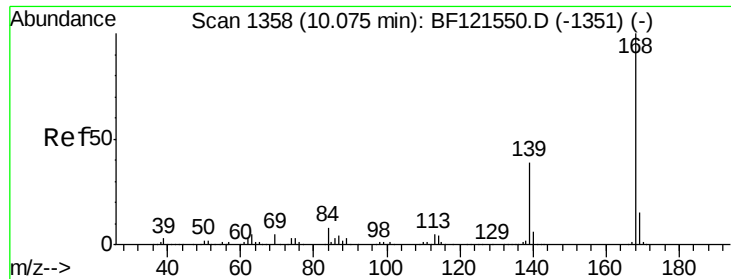
Tot Ion:138 Resp: 182796
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.1 13.7
 92 118.1 96.5 144.7



#54
 2,4-Dinitrophenol
 Concen: 73.916 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:184 Resp: 235024
 Ion Ratio Lower Upper
 184 100
 63 60.0 51.5 77.3
 154 58.5 46.6 70.0

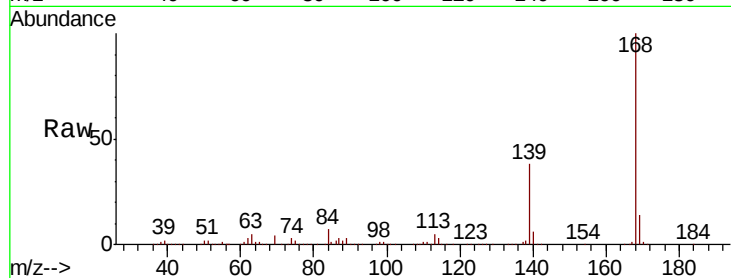




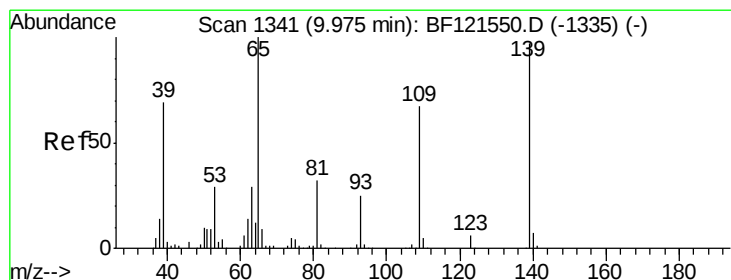
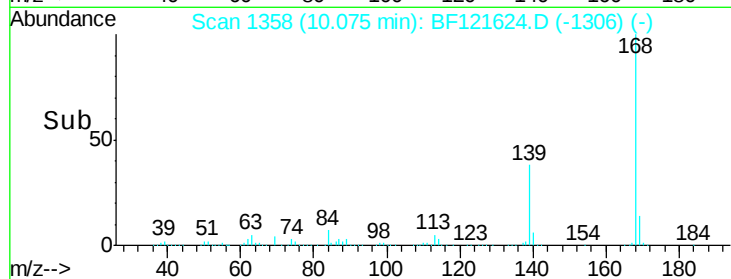
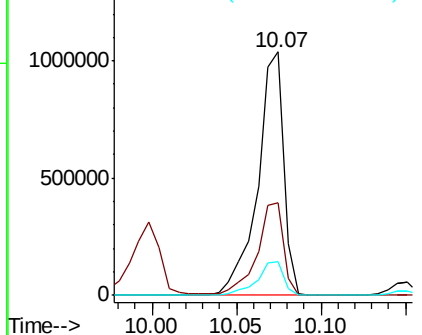
#55
Dibenzenofuran
Concen: 35.694 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

Tot Ion:168 Resp: 1110779
Ion Ratio Lower Upper
168 100
139 38.0 31.8 47.8
169 14.0 11.6 17.4

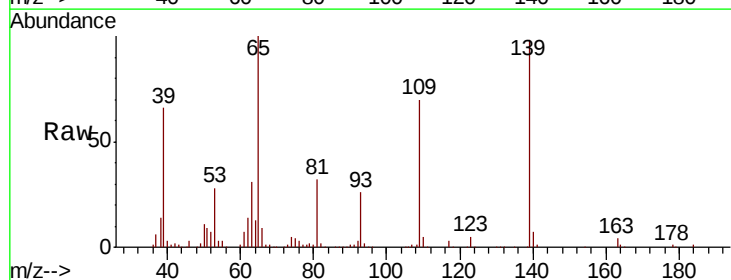


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

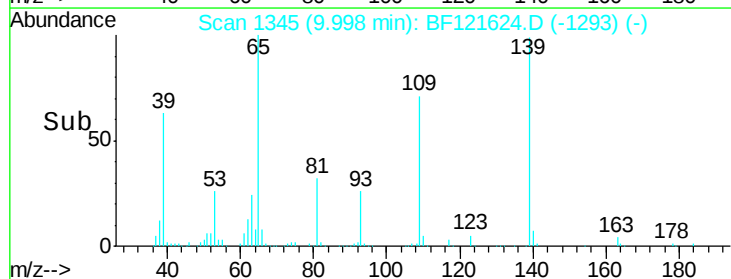
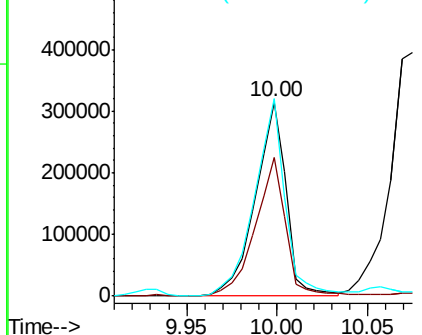


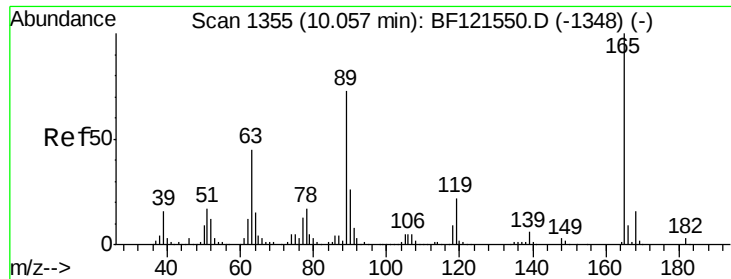
#56
4-Nitrophenol
Concen: 72.460 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:139 Resp: 372952
Ion Ratio Lower Upper
139 100
109 71.4 48.1 88.1
65 101.5 74.7 114.7



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

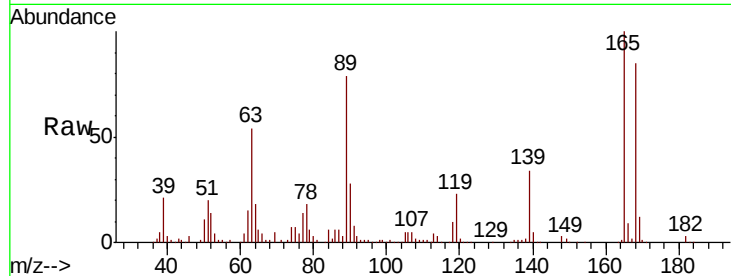




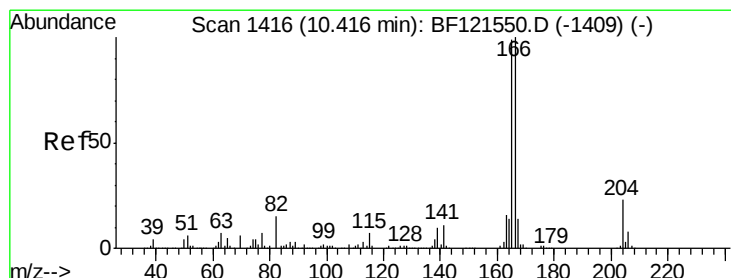
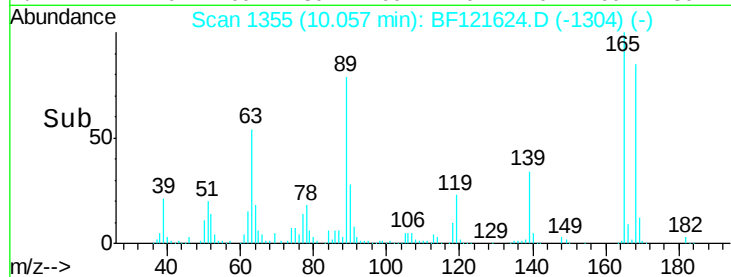
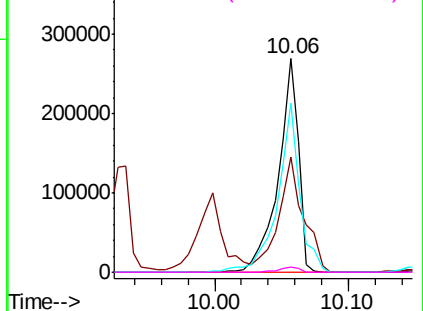
#57
2,4-Dinitrotoluene
Concen: 40.862 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

Tot Ion:165 Resp: 286401
Ion Ratio Lower Upper
165 100
63 54.1 36.7 55.1
89 79.3 57.7 86.5
182 2.5 2.1 3.1

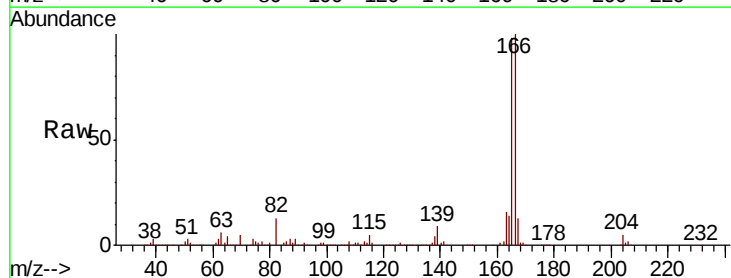


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

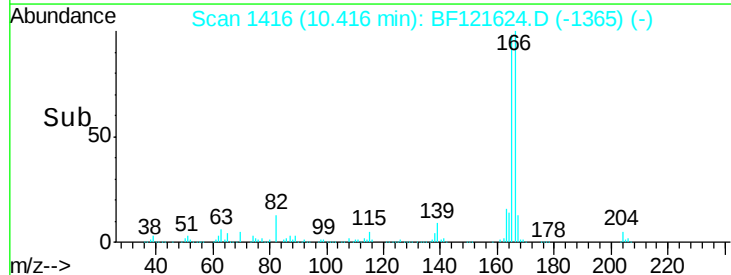
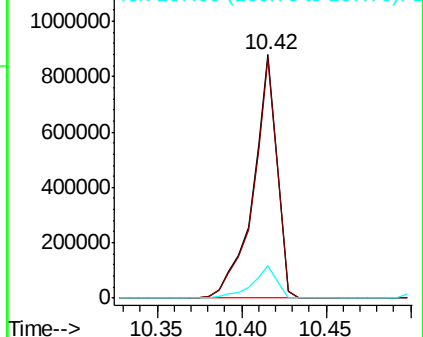


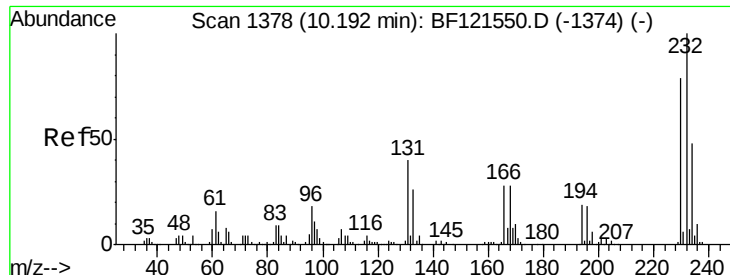
#58
Fluorene
Concen: 36.473 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:166 Resp: 867984
Ion Ratio Lower Upper
166 100
165 98.3 80.1 120.1
167 13.4 10.8 16.2



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.548 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

Tot Ion:232 Resp: 247995

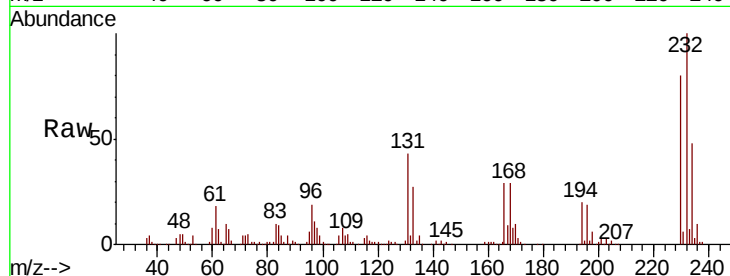
Ion Ratio Lower Upper

232 100

131 44.5 35.1 52.7

130 2.3 1.6 2.4

166 29.6 23.3 34.9

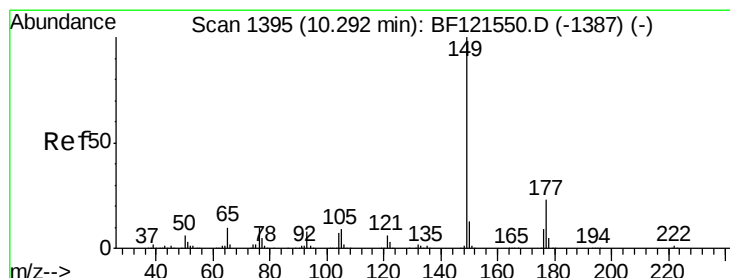
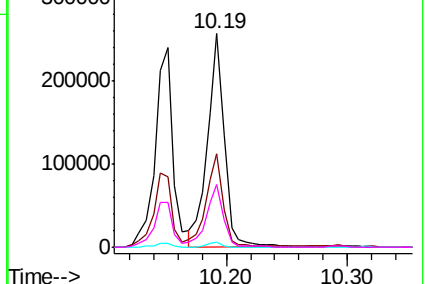
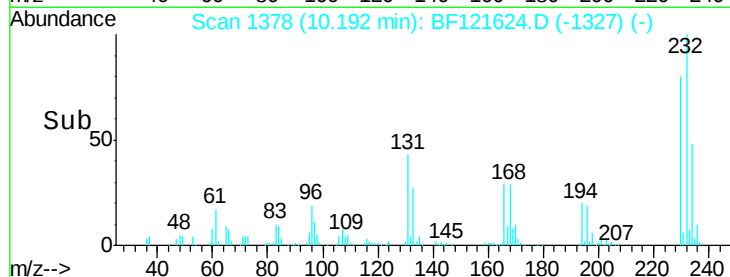


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.040 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

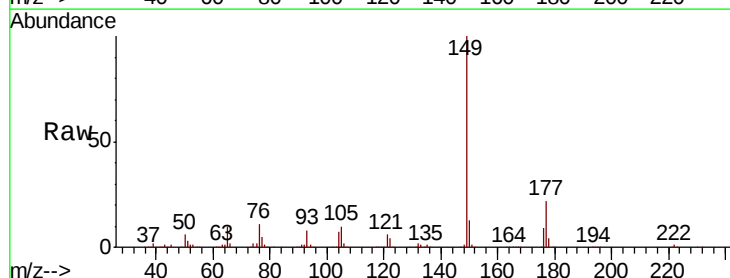
Tgt Ion:149 Resp: 944728

Ion Ratio Lower Upper

149 100

177 22.3 18.1 27.1

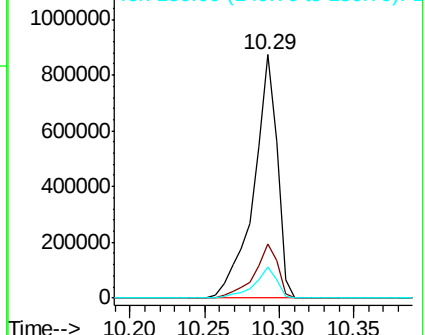
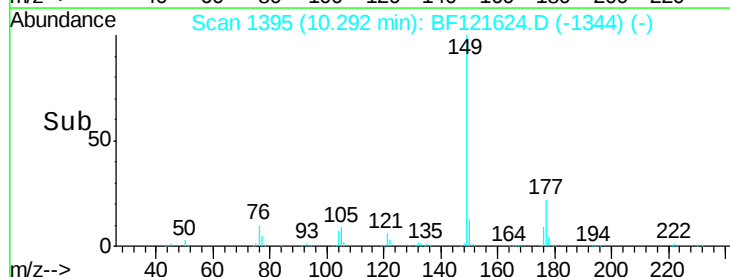
150 12.9 9.8 14.8

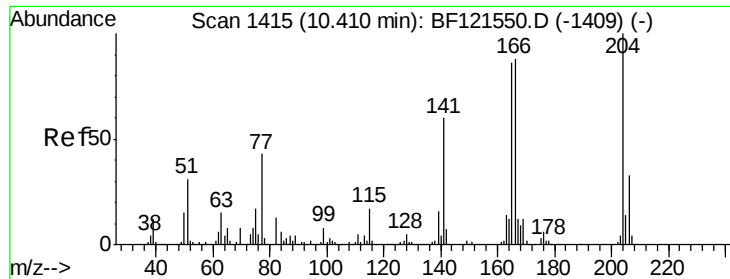


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

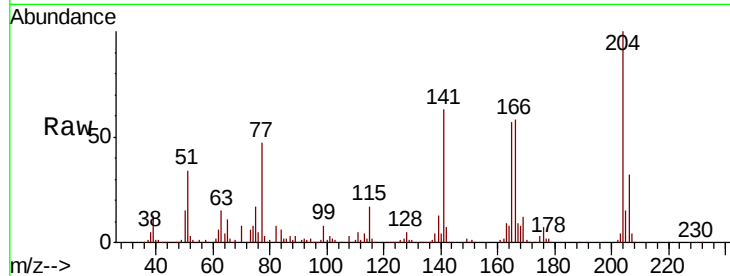




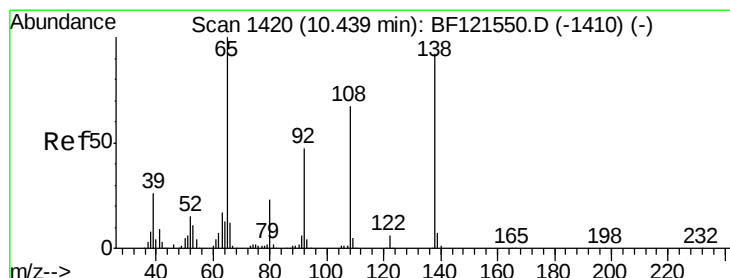
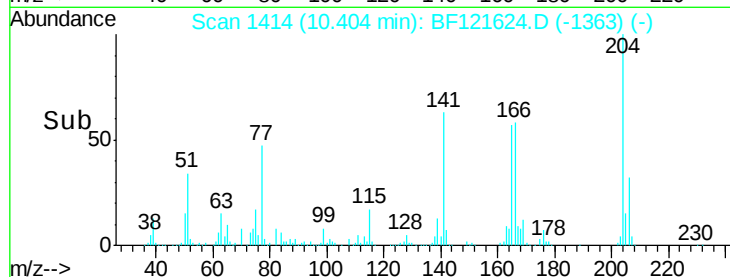
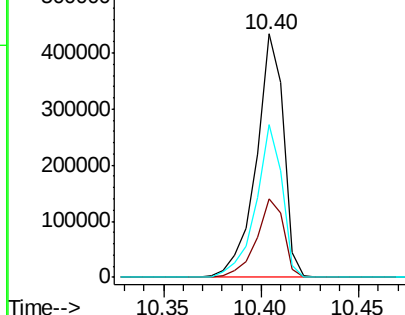
#61
 4-Chlorophenyl-phenylether
 Concen: 36.801 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Tot Ion:	204	Resp:	419525
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	62.9	50.4	75.6

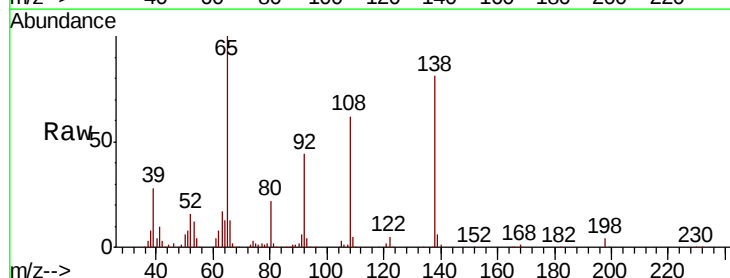


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

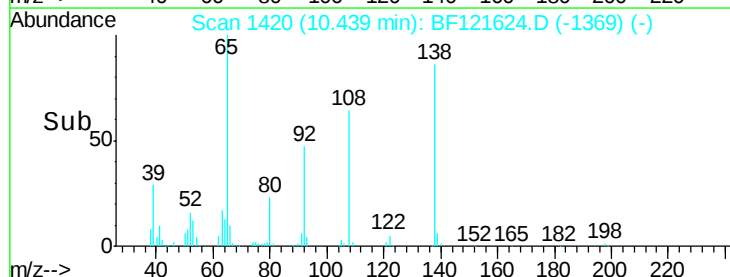
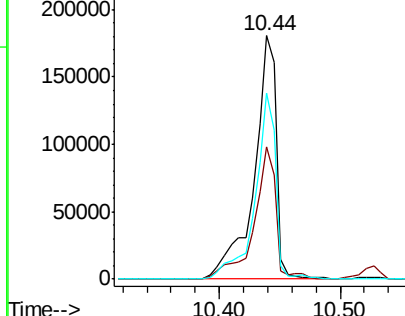


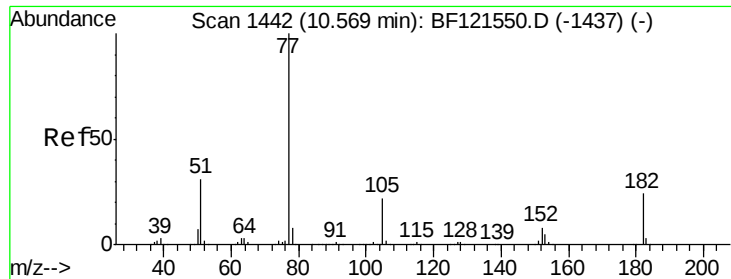
#62
 4-Nitroaniline
 Concen: 36.404 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:	138	Resp:	233283
Ion	Ratio	Lower	Upper
138	100		
92	54.2	34.8	74.8
108	76.6	55.5	95.5



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





#63

Azobenzene

Concen: 35.299 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

Tot Ion: 77 Resp: 958770

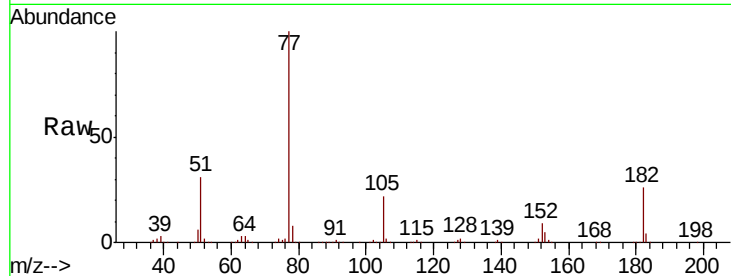
Ion Ratio Lower Upper

77 100

182 26.2 6.8 46.8

105 21.7 2.2 42.2

51 30.5 10.7 50.7

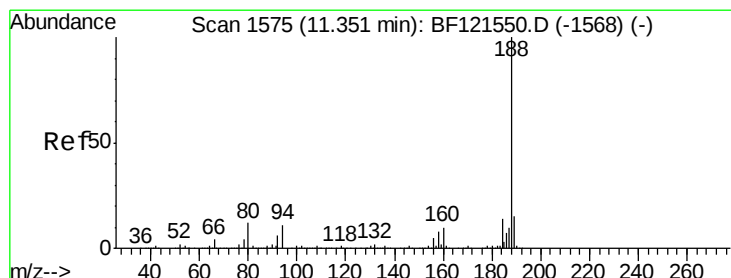
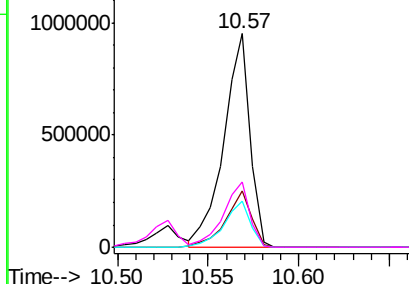
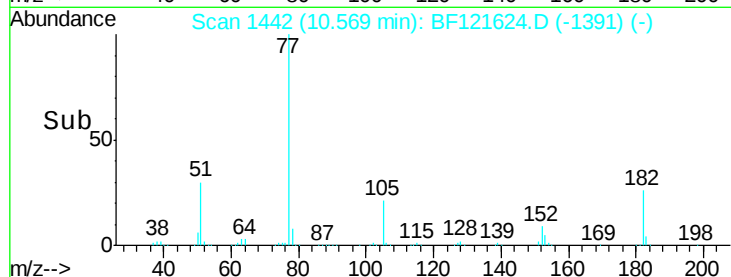


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

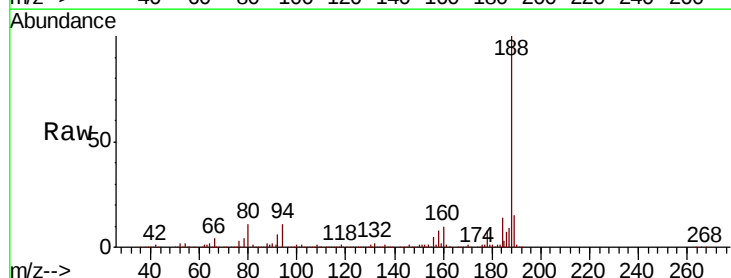
Tgt Ion: 188 Resp: 685552

Ion Ratio Lower Upper

188 100

94 11.0 8.4 12.6

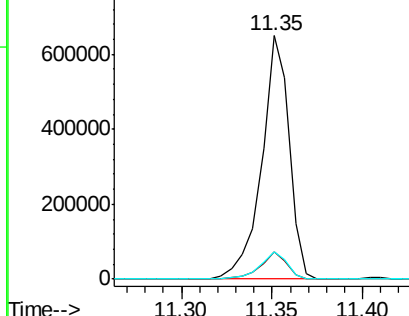
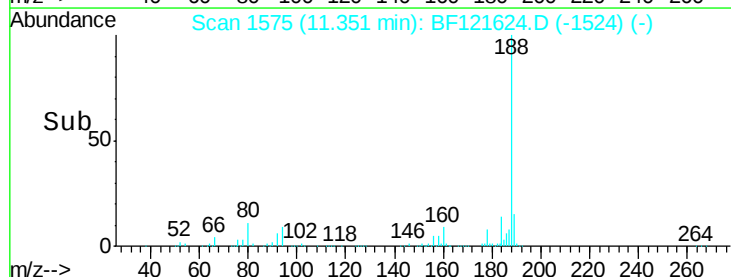
80 11.4 9.0 13.4

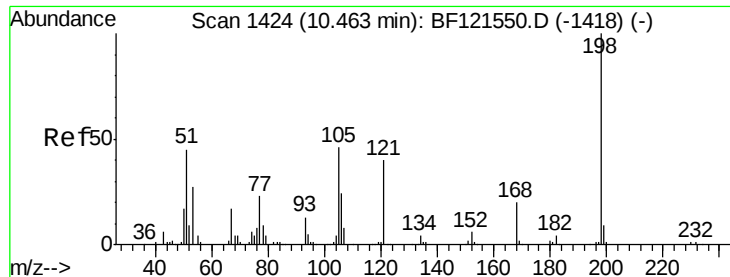


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

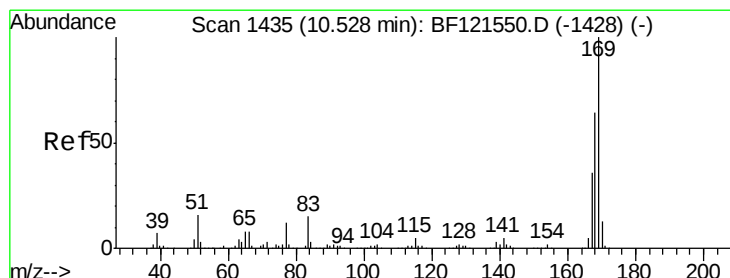
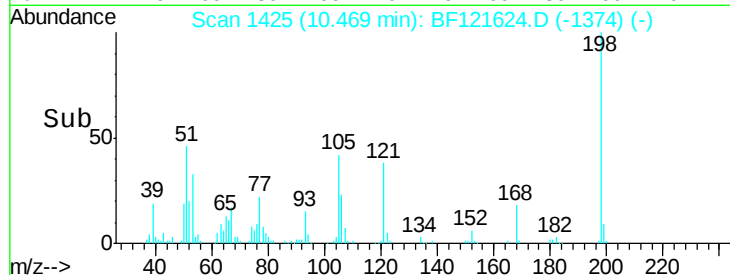
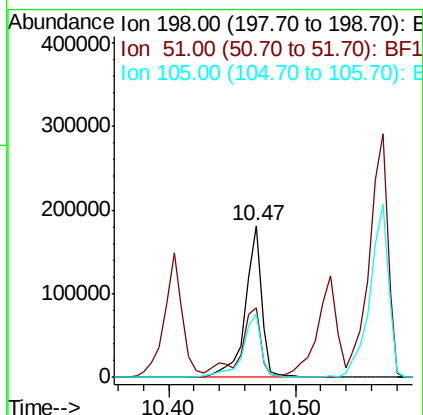
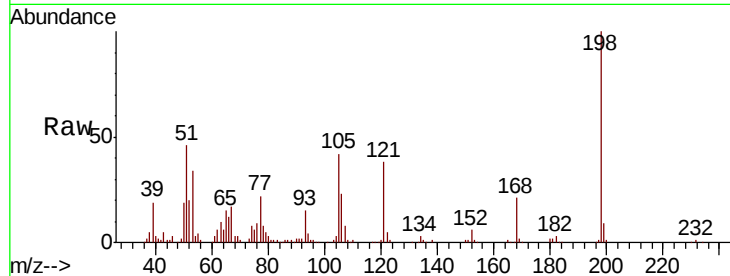




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.840 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

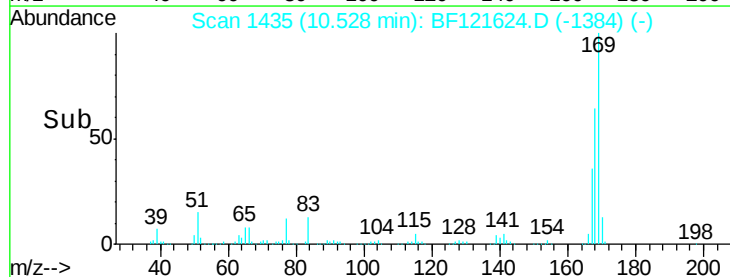
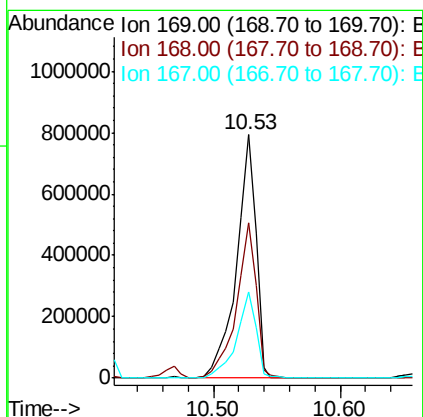
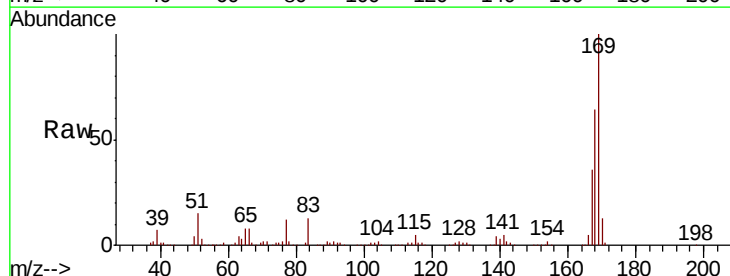
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

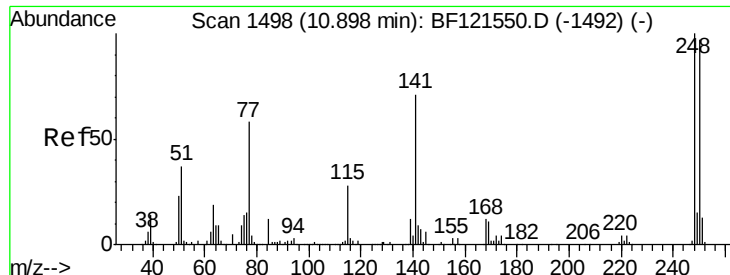
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	20.3	60.3
105	41.8	20.2	60.2



#66
 n-Nitrosodiphenylamine
 Concen: 35.689 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	51.8	77.8
167	35.6	28.4	42.6

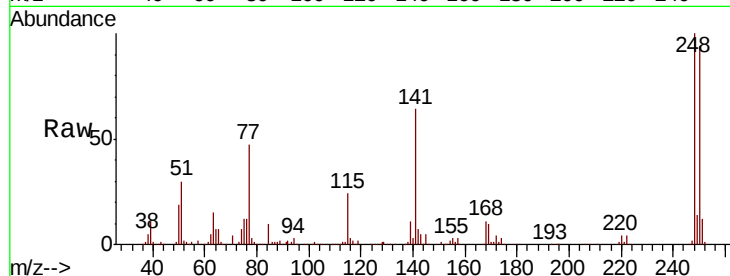




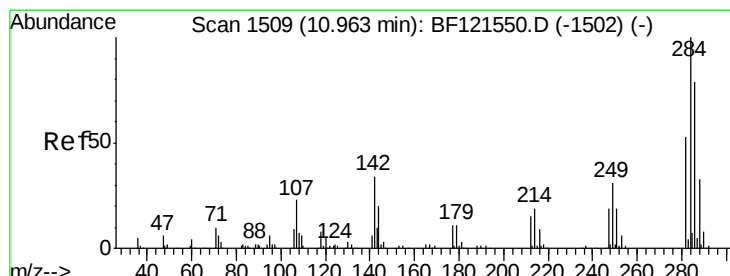
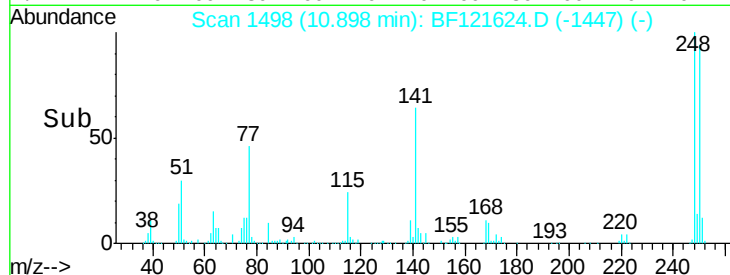
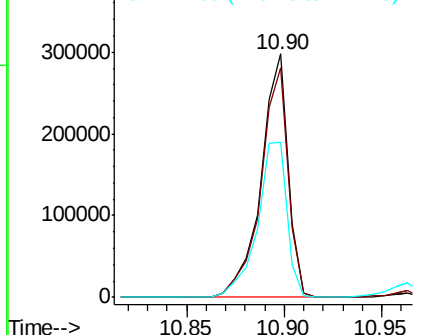
#67
 4-Bromophenyl-phenylether
 Concen: 36.834 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

Tot Ion:248 Resp: 287498
 Ion Ratio Lower Upper
 248 100
 250 94.5 79.4 119.0
 141 63.6 52.2 78.4

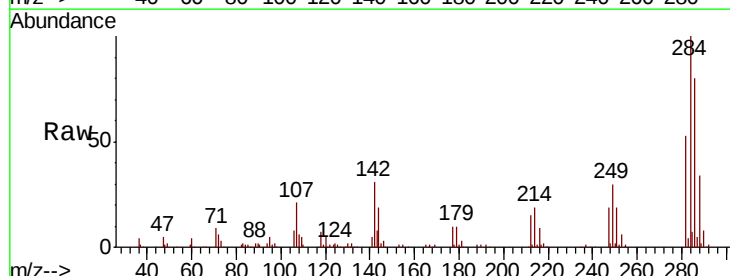


Abundance Ion 248.00 (247.70 to 248.70): E
 400000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

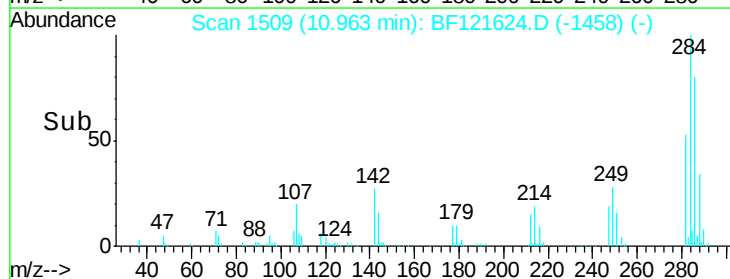
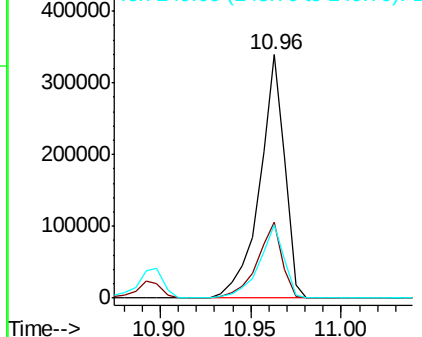


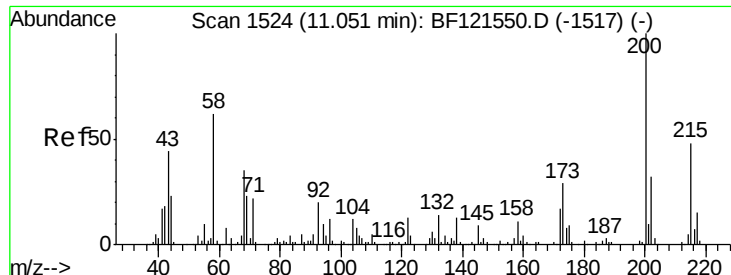
#68
 Hexachlorobenzene
 Concen: 36.770 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:284 Resp: 323893
 Ion Ratio Lower Upper
 284 100
 142 30.9 24.0 36.0
 249 30.3 23.9 35.9



Abundance Ion 283.80 (283.50 to 284.50): E
 400000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.230 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

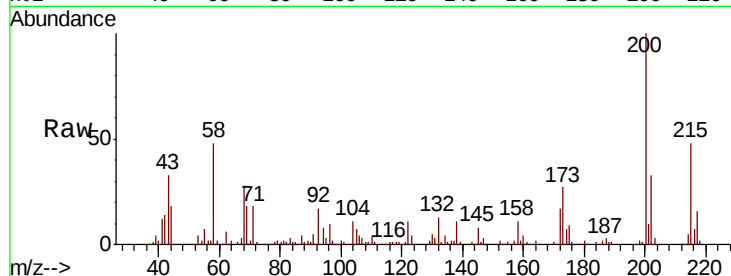
Tot Ion:200 Resp: 205861

Ion Ratio Lower Upper

200 100

173 27.1 6.0 46.0

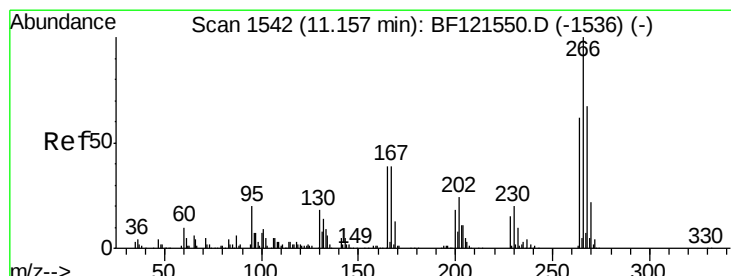
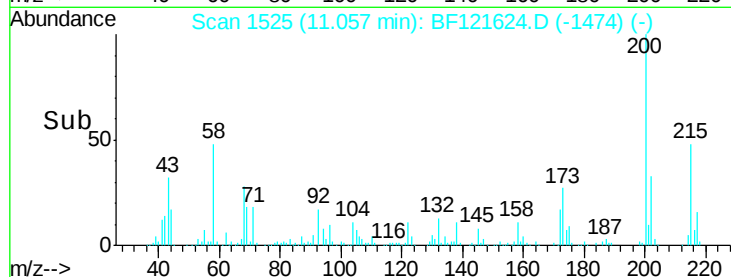
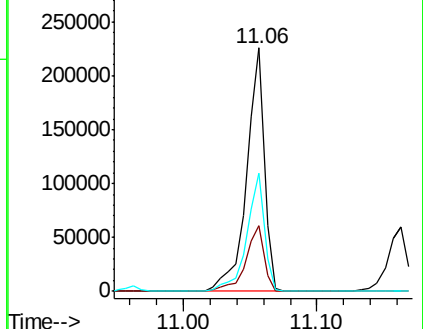
215 48.3 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.537 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

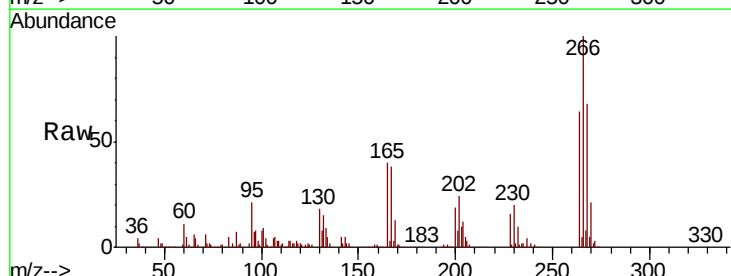
Tgt Ion:266 Resp: 346060

Ion Ratio Lower Upper

266 100

268 67.9 54.6 81.8

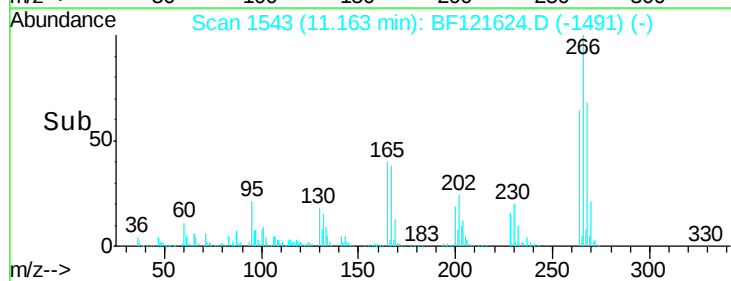
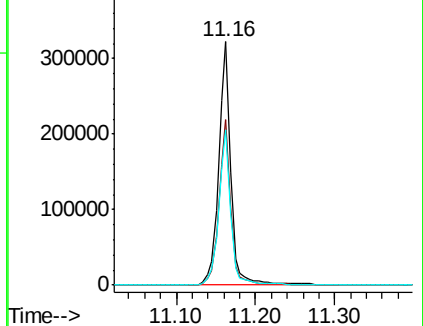
264 63.9 51.1 76.7

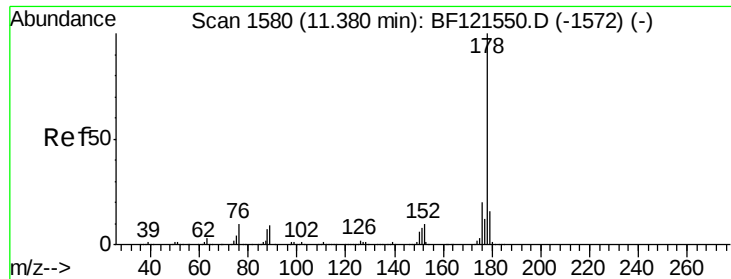


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

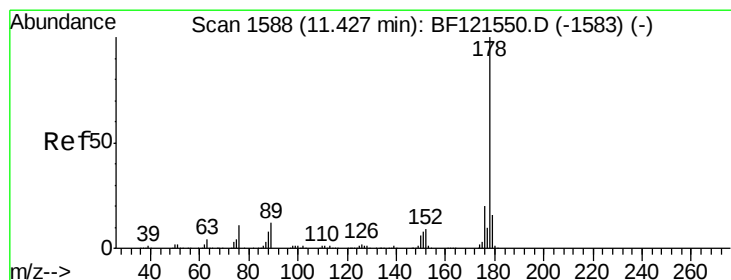
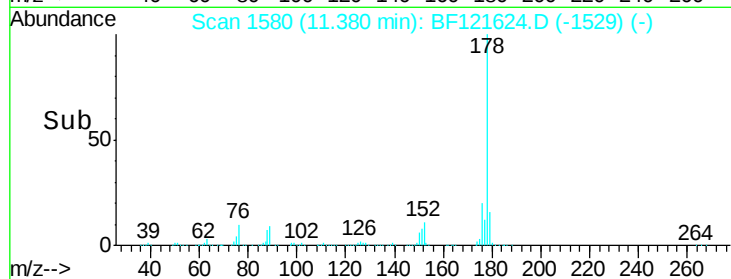
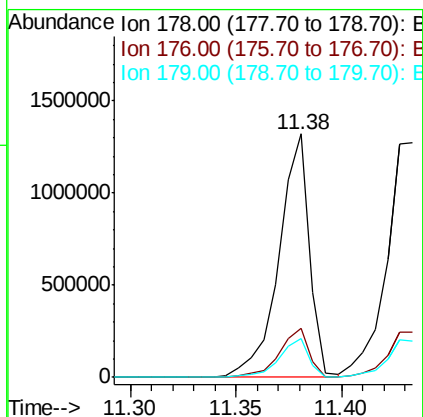
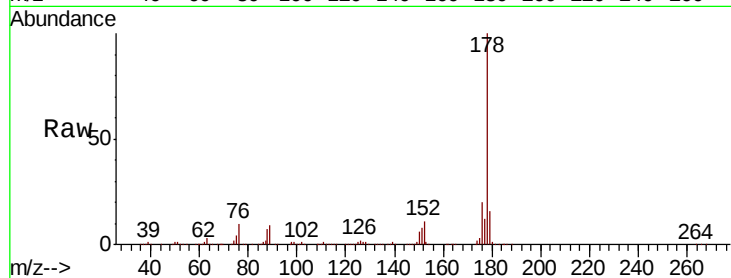




#71
Phenanthrene
Concen: 35.718 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

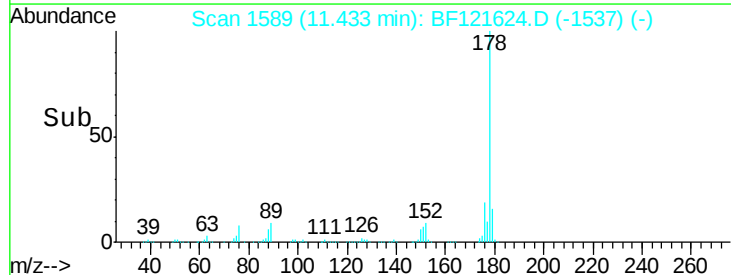
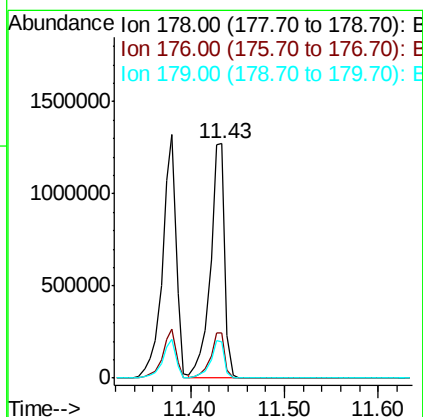
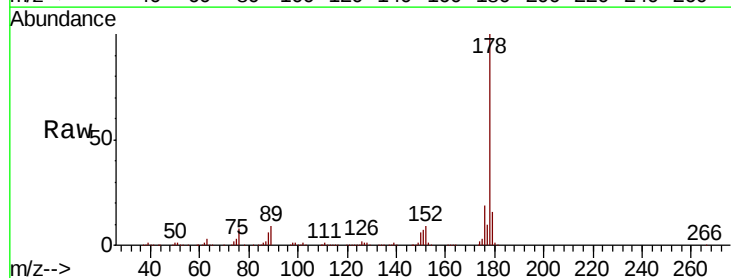
Instrument :
BNA_F
ClientSampleId :
PB131730BS

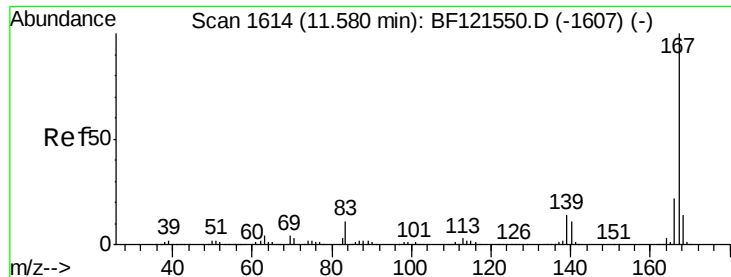
Tot Ion:178 Resp: 1334136
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.8 12.6 18.8



#72
Anthracene
Concen: 35.735 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:178 Resp: 1377424
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.6 19.0





#73

Carbazole

Concen: 36.438 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

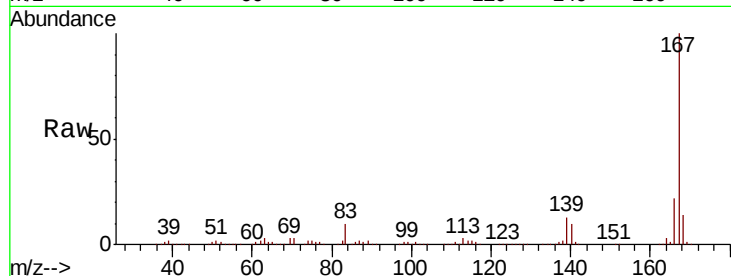
Tot Ion:167 Resp: 1267439

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

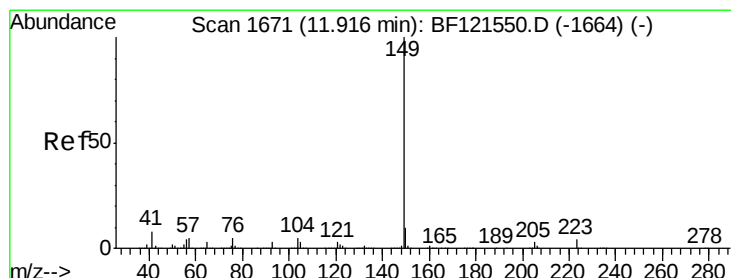
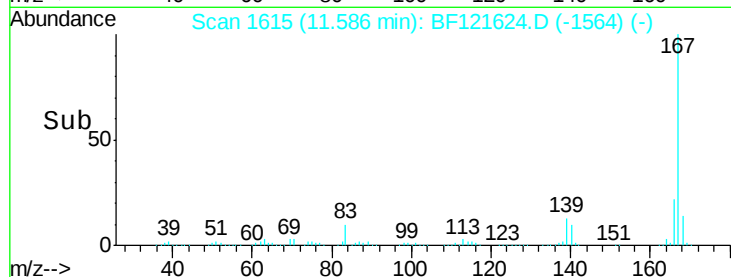
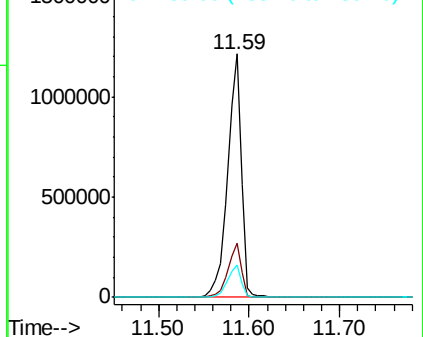
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.444 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

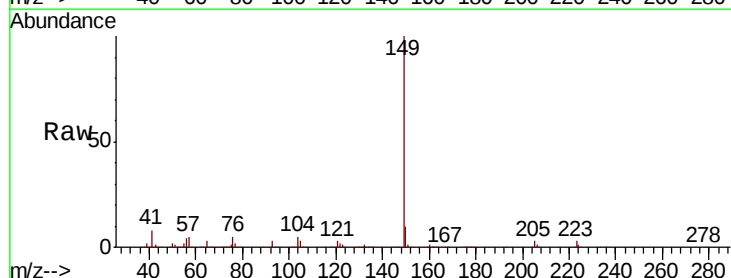
Tgt Ion:149 Resp: 1422925

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

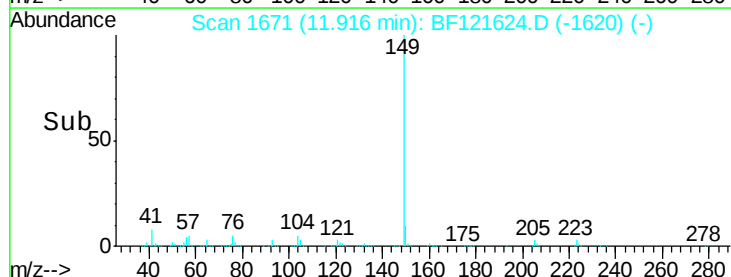
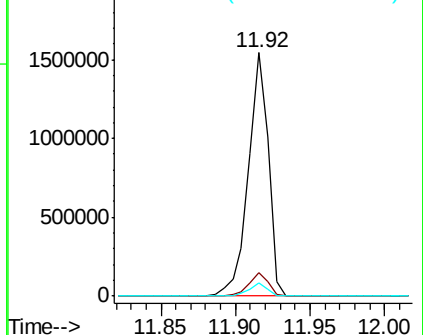
104 5.3 4.2 6.2

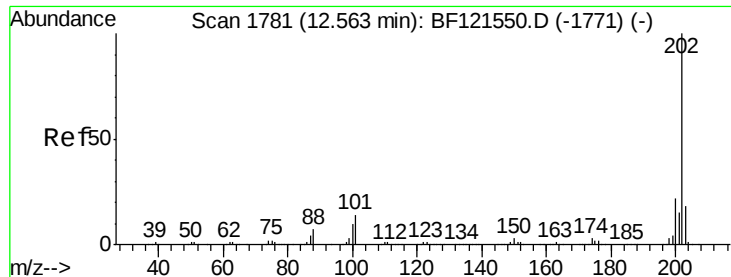


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

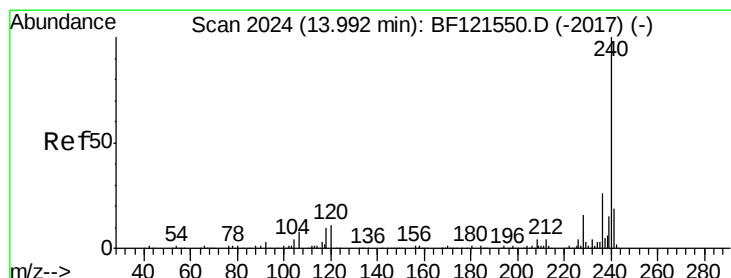
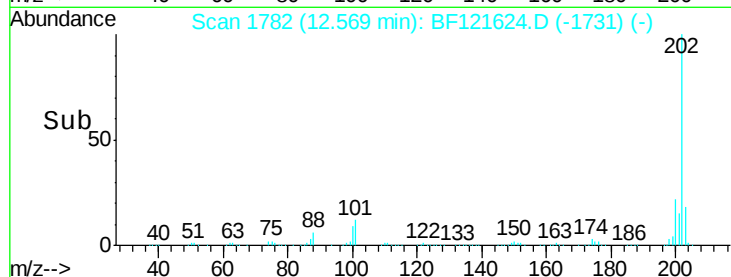
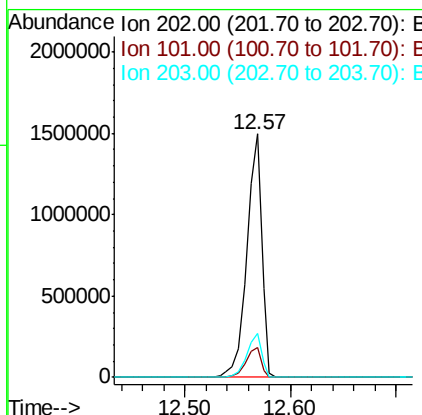
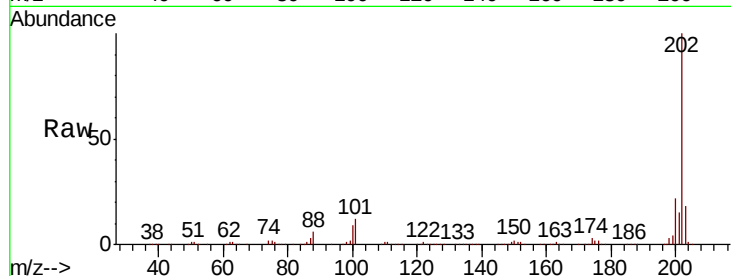




#75
 Fluoranthene
 Concen: 36.588 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

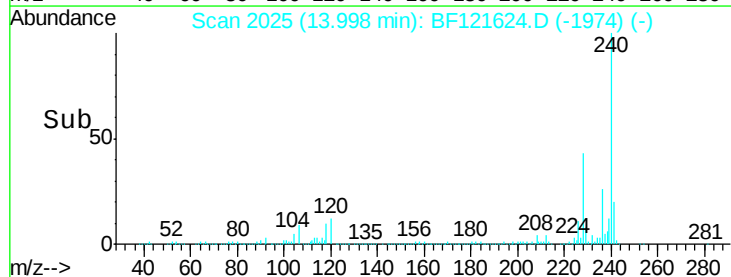
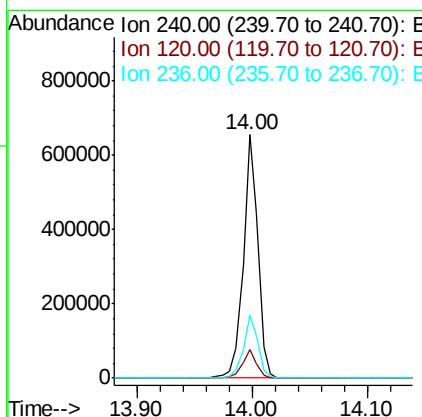
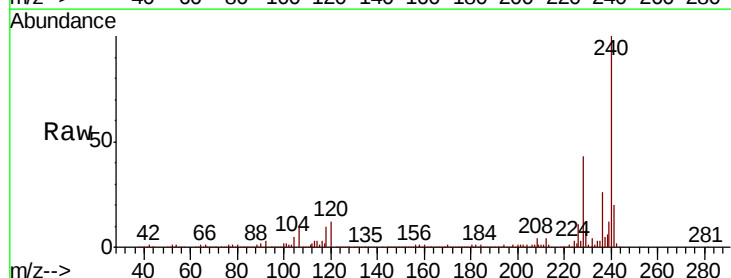
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

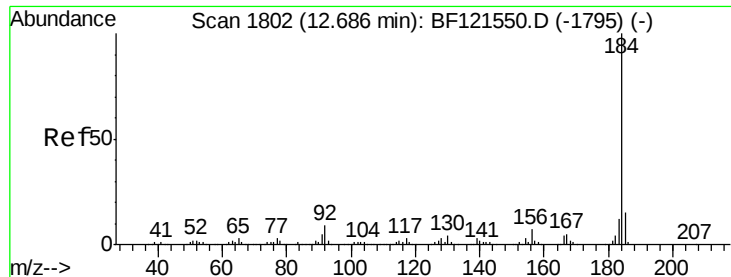
Tot Ion:202 Resp: 1458844
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.9
 203 18.0 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:240 Resp: 572666
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.2 13.8
 236 26.1 20.4 30.6





#77

Benzidine

Concen: 39.569 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

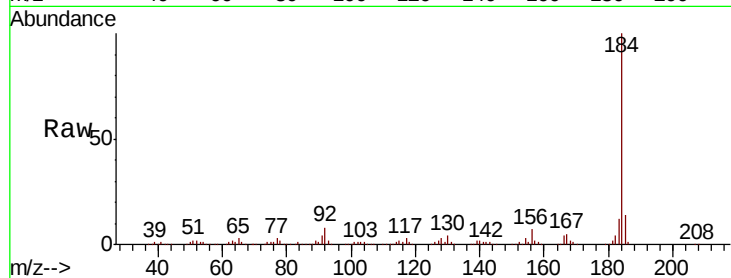
Tot Ion:184 Resp: 751213

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

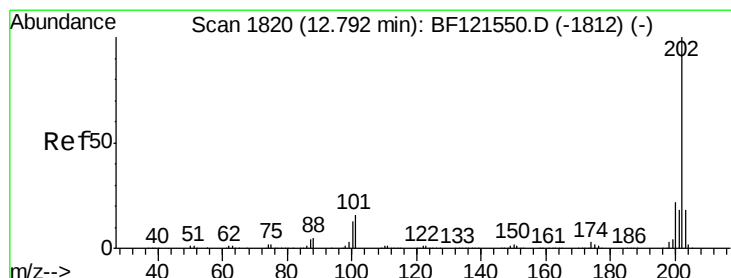
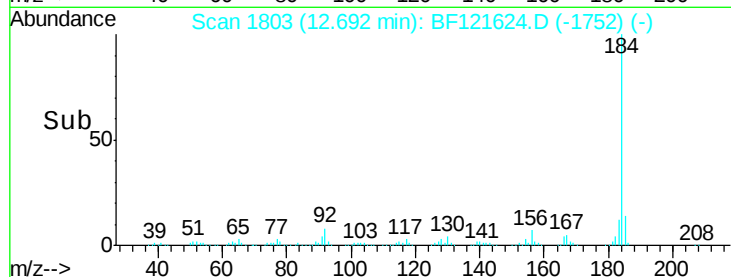
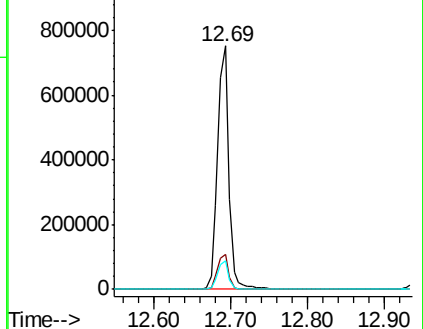
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.852 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

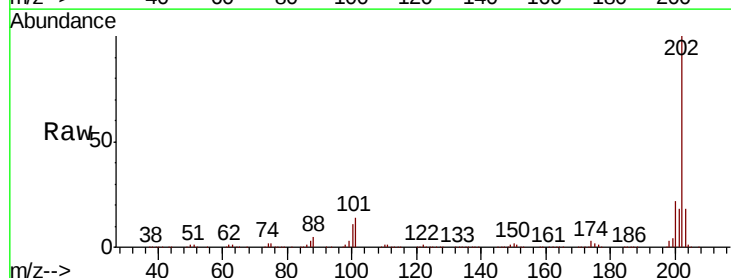
Tgt Ion:202 Resp: 1500060

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

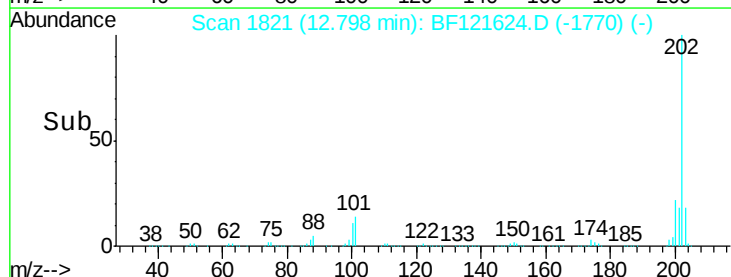
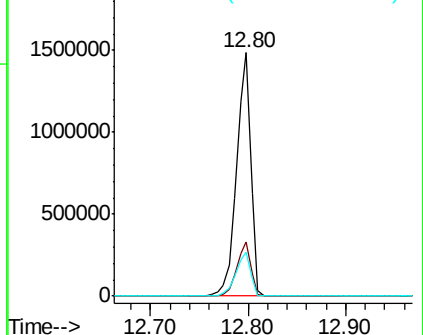
203 17.9 14.4 21.6

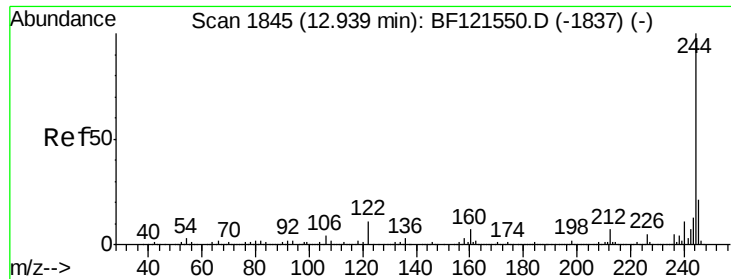


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.307 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

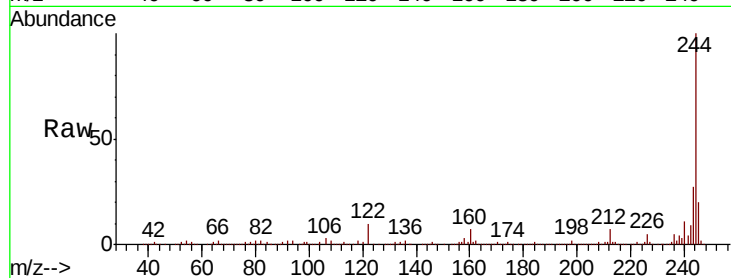
Tot Ion:244 Resp: 1874302

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

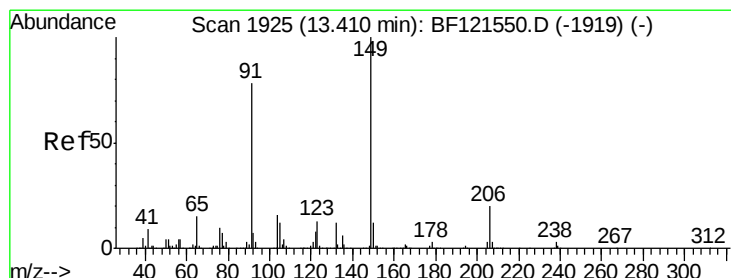
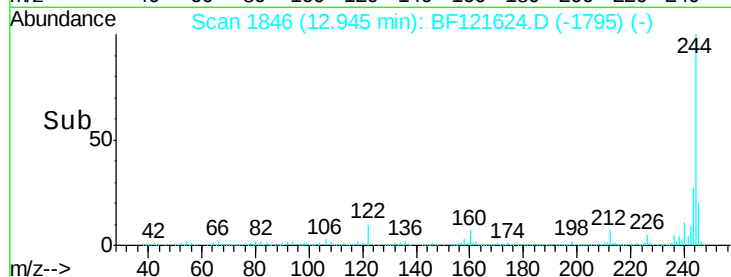
122 9.7 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.696 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

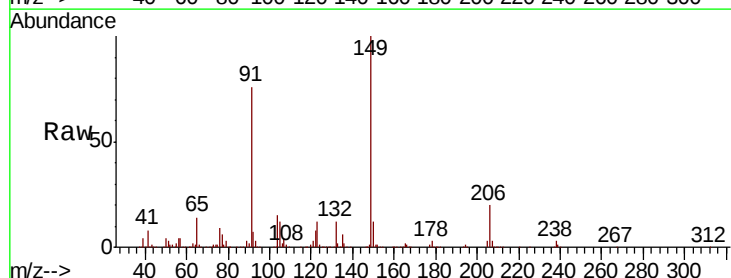
Tgt Ion:149 Resp: 620956

Ion Ratio Lower Upper

149 100

91 75.8 61.0 91.4

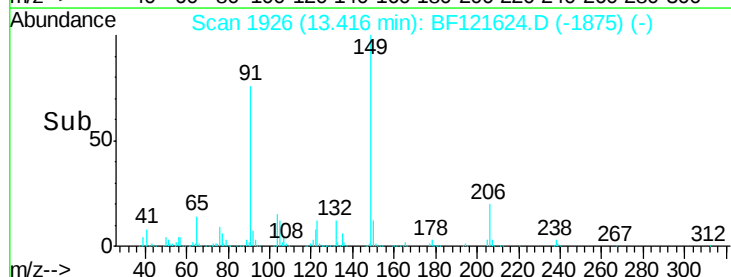
206 20.4 16.6 25.0

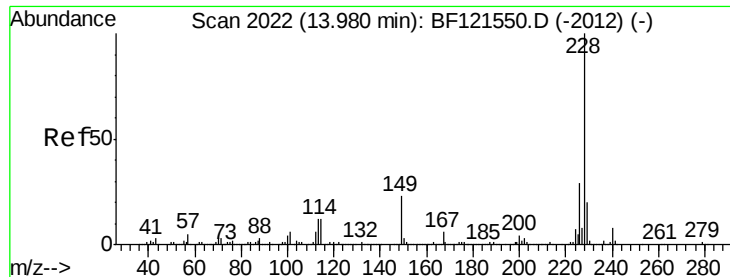


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.586 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

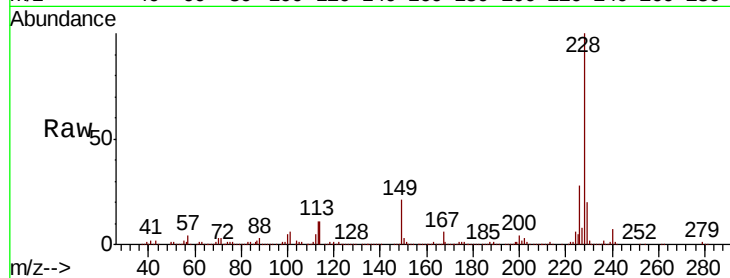
BNA_F

ClientSampleId :

PB131730BS

Tot Ion:228 Resp: 1325501

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.2	24.2

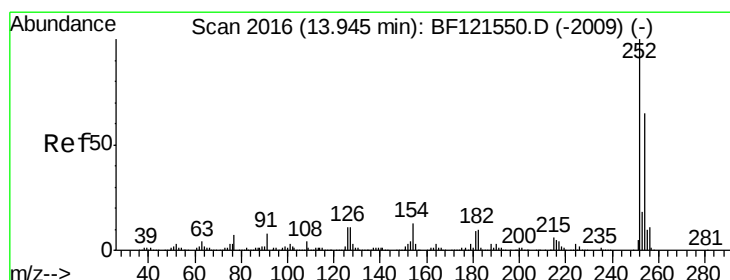
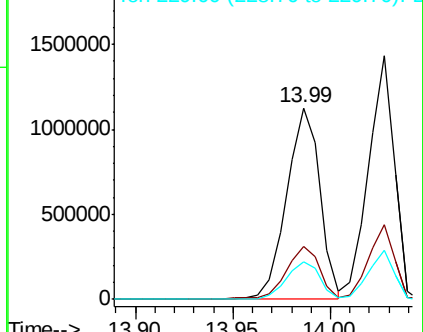
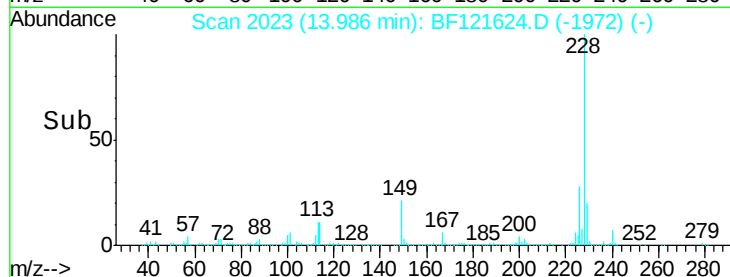


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.791 ng

RT: 13.95 min Scan# 2017

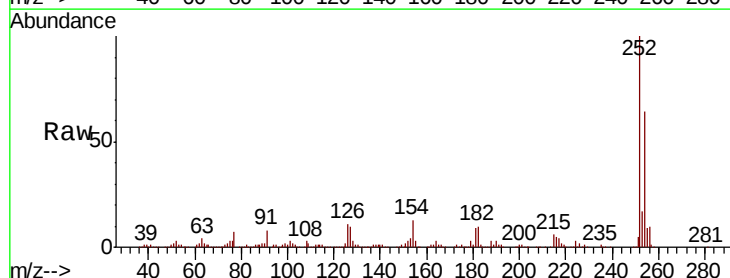
Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Tgt Ion:252 Resp: 393079

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.4
126	11.1	8.6	13.0

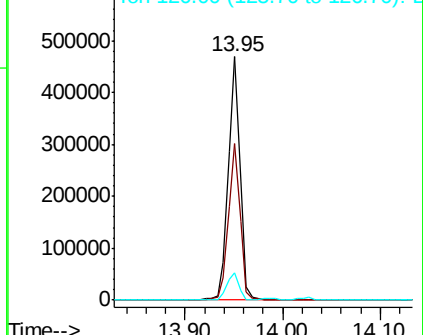
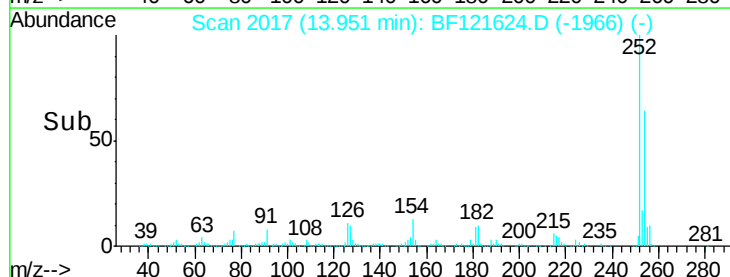


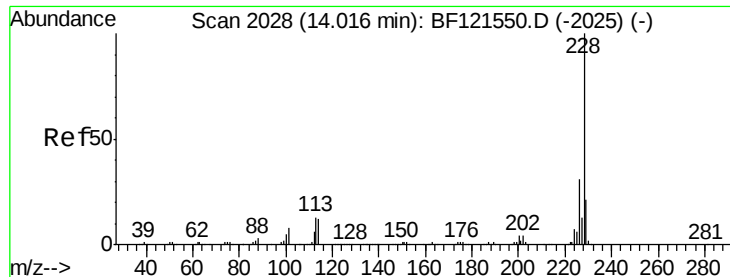
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.142 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

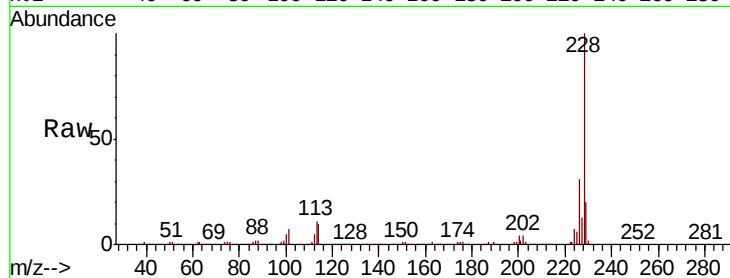
Tot Ion:228 Resp: 1325961

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

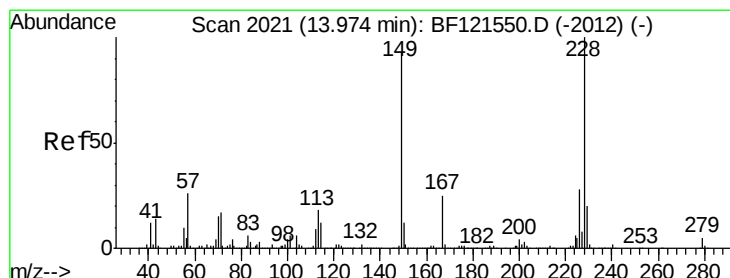
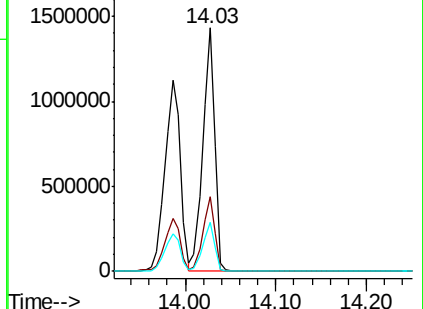
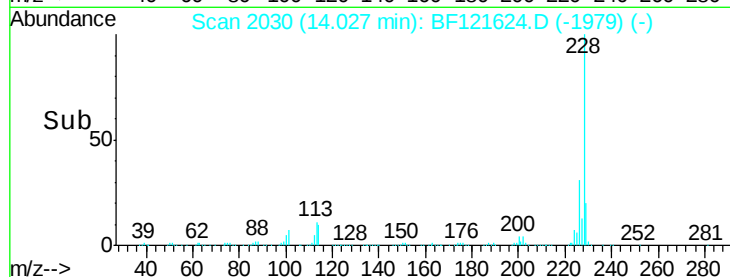
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.150 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

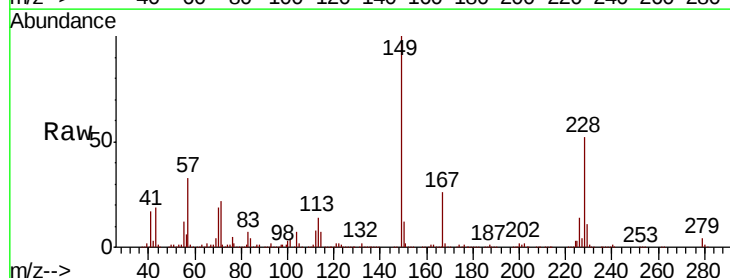
Tgt Ion:149 Resp: 772003

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

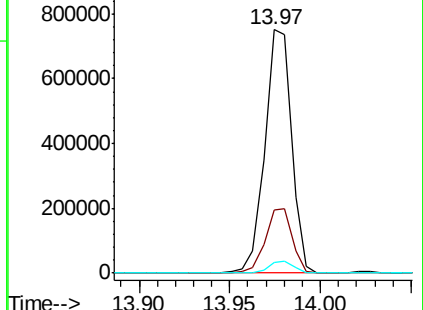
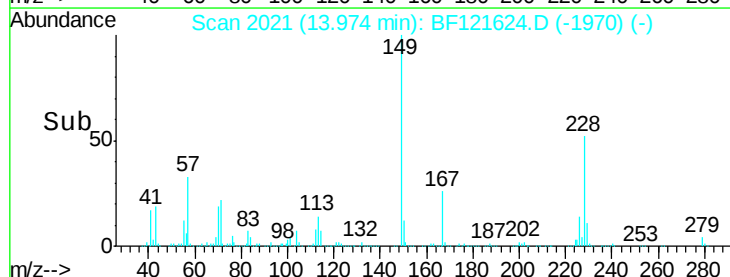
279 4.2 3.4 5.0

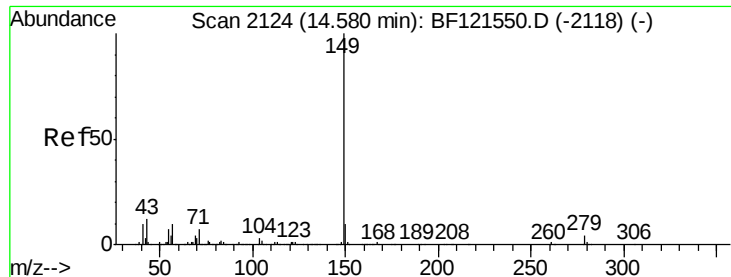


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

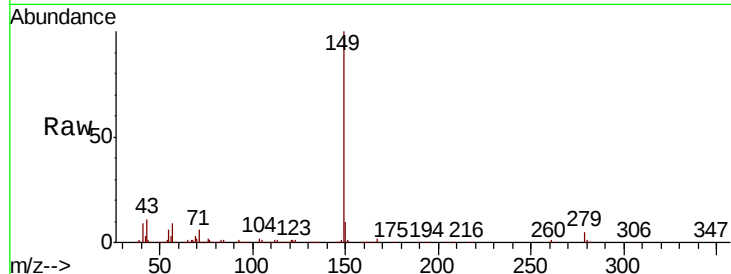




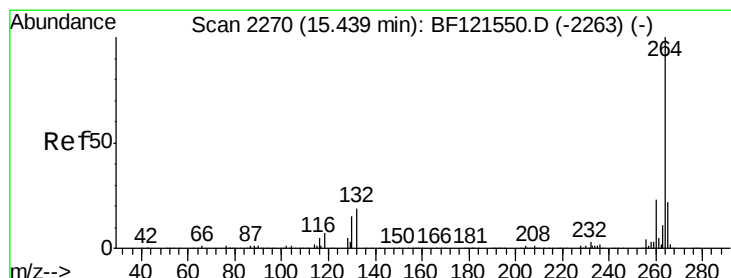
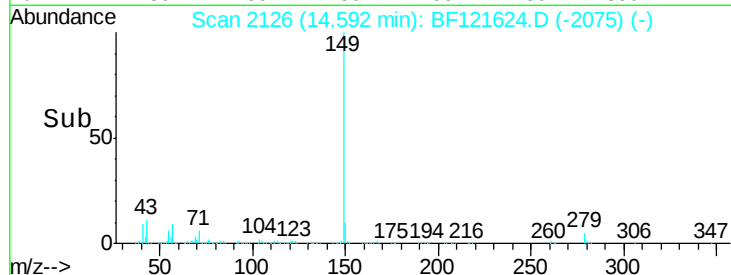
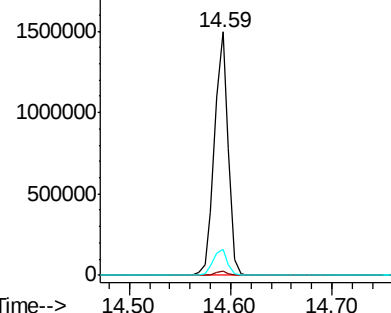
#85
Di-n-octyl phthalate
Concen: 35.210 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB131730BS

Tot Ion:149 Resp: 1404727
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.0 13.4

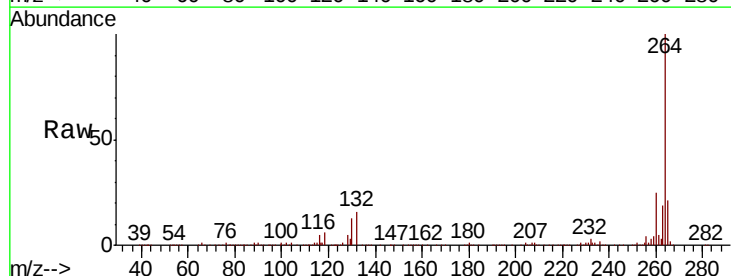


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

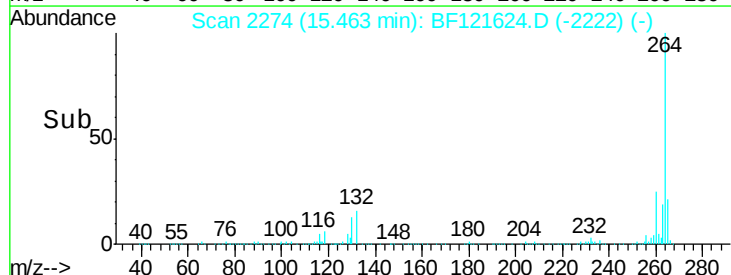
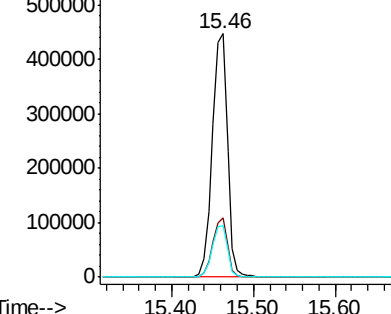


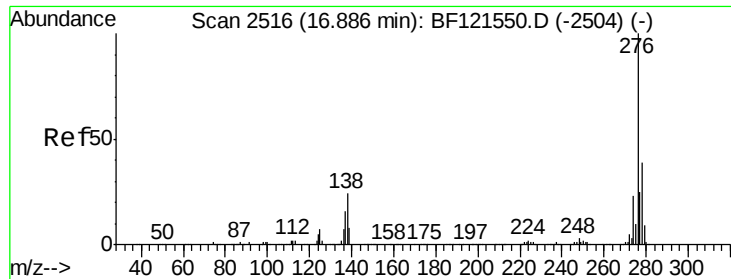
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:264 Resp: 577146
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

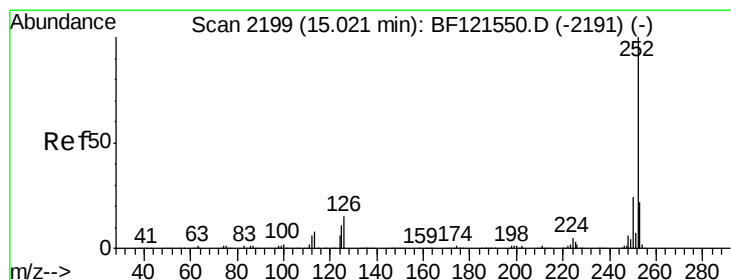
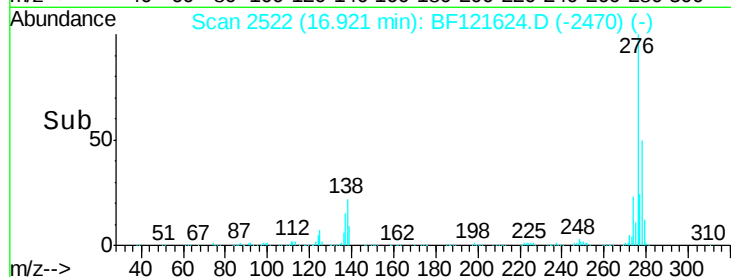
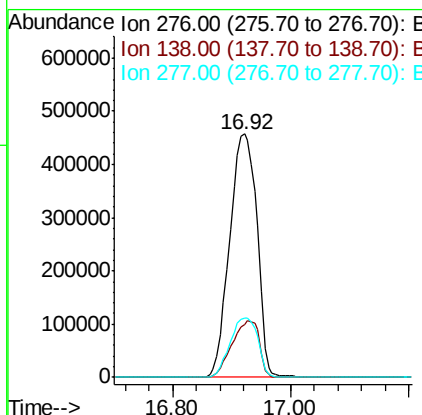
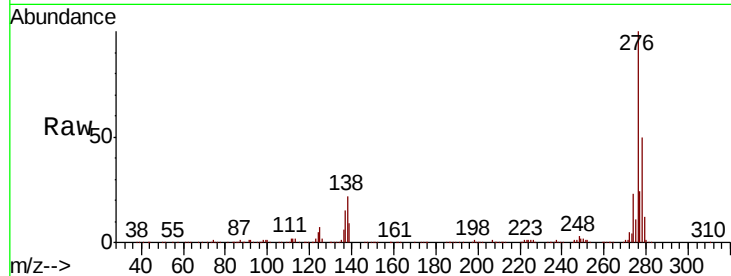




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.518 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

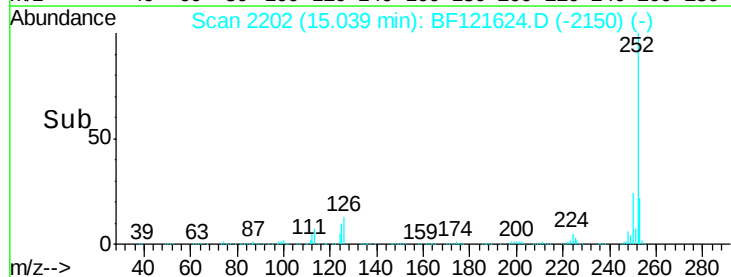
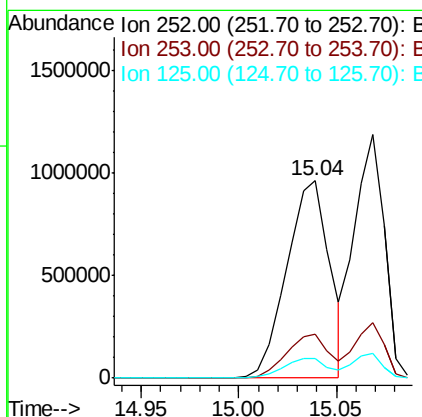
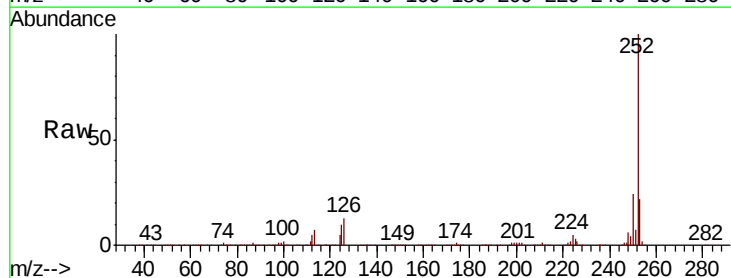
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BS

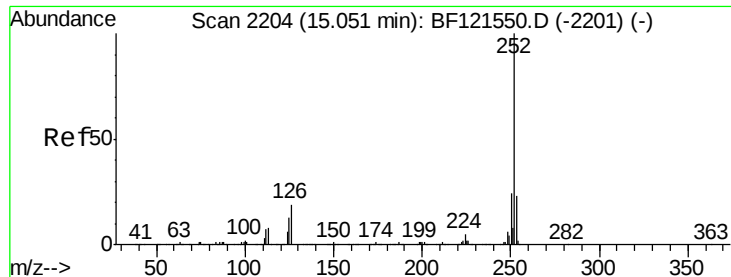
Tot Ion:276 Resp: 1485304
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.0 28.6
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 37.990 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BF121624.D
 Acq: 21 Sep 2020 13:49

Tgt Ion:252 Resp: 1465771
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.4
 125 9.9 8.5 12.7

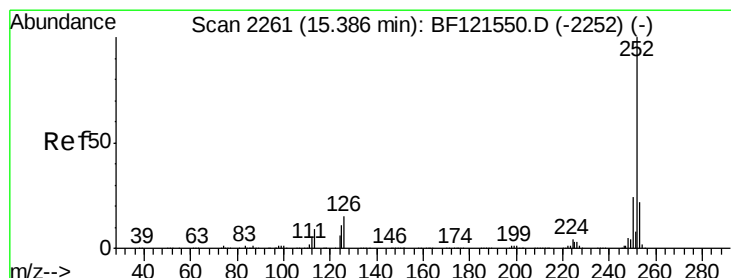
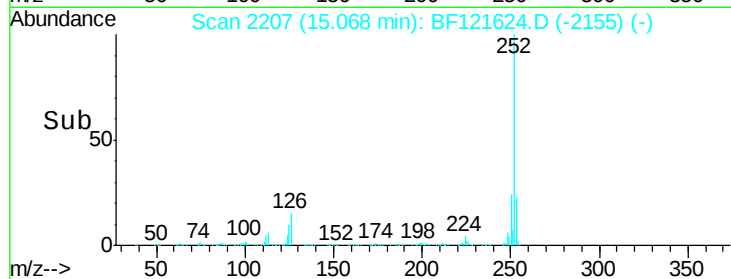
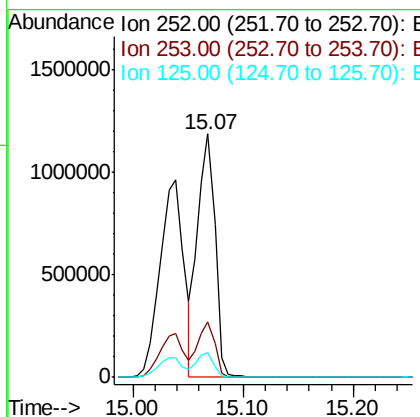
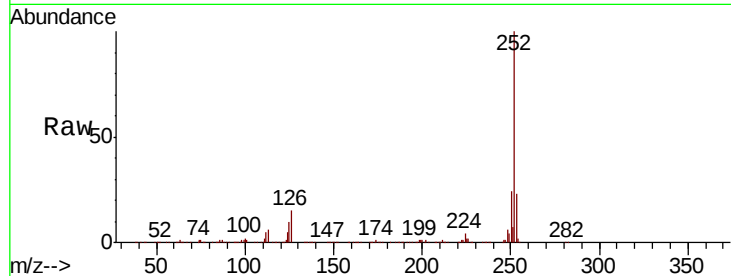




#89
Benzo(k)fluoranthene
Concen: 35.948 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

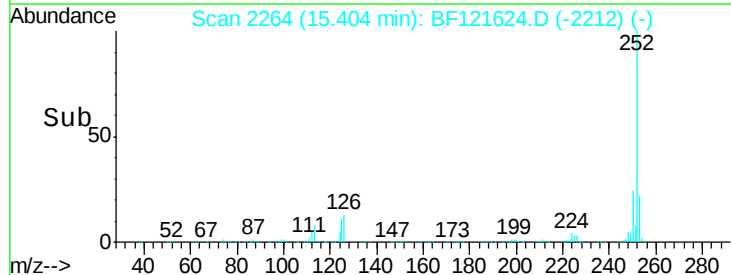
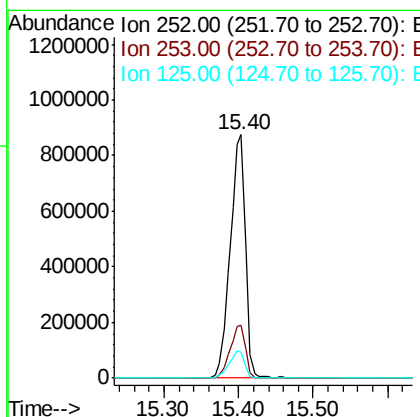
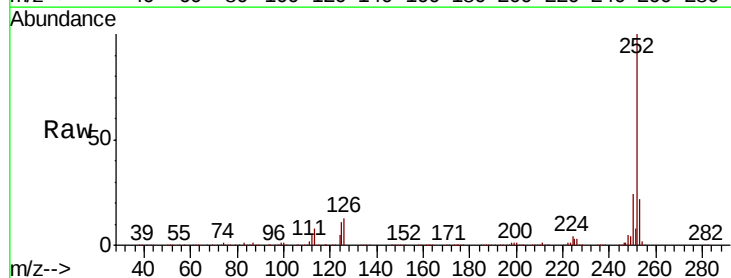
Instrument :
BNA_F
ClientSampleId :
PB131730BS

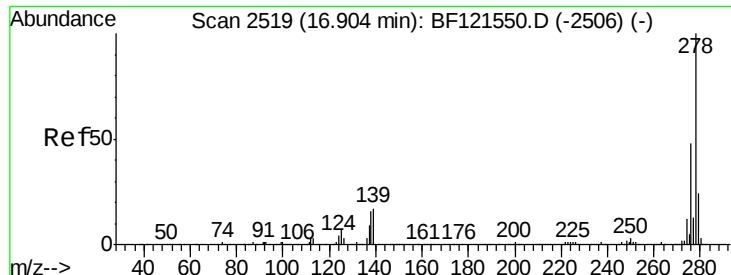
Tot Ion:252 Resp: 1270100
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.383 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF121624.D
Acq: 21 Sep 2020 13:49

Tgt Ion:252 Resp: 1258834
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.523 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB131730BS

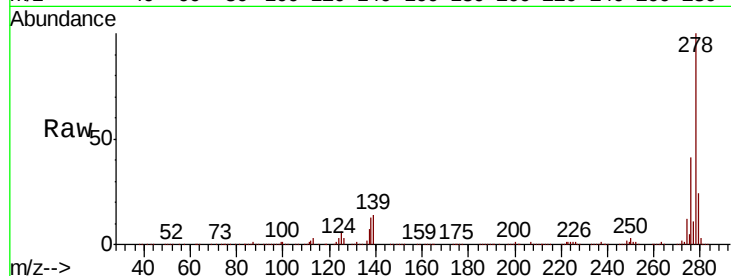
Tot Ion:278 Resp: 1205292

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

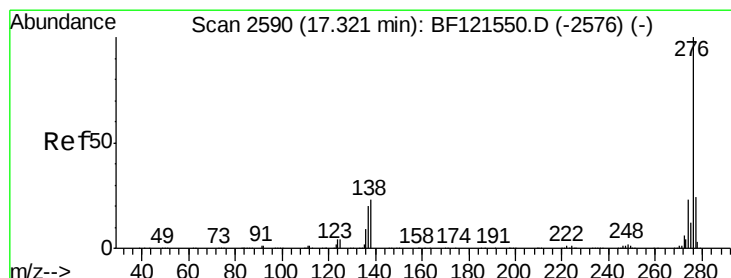
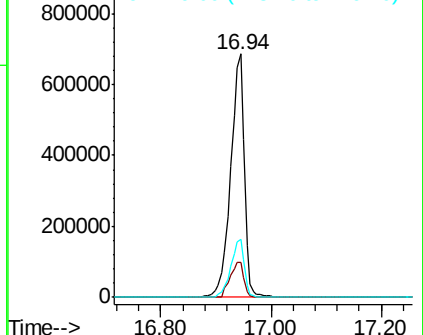
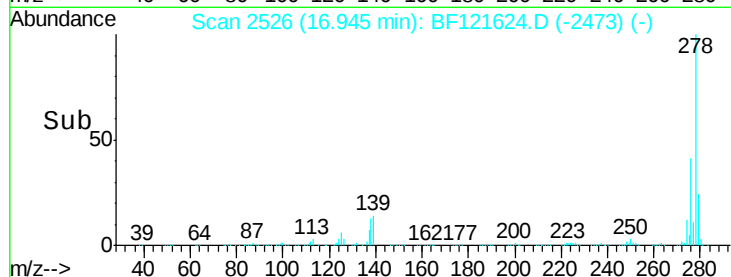
279 24.0 19.4 29.2



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: 39.102 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF121624.D

Acq: 21 Sep 2020 13:49

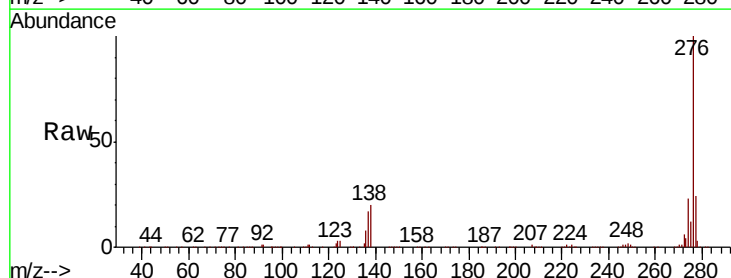
Tgt Ion:276 Resp: 1202580

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.2 16.9 25.3



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

