

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121574.D
 Acq On : 15 Sep 2020 13:26
 Operator : JU/CG
 Sample : L3943-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Quant Time: Sep 15 14:05:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205243	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	754318	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	432868	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	759224	20.00	ng	0.00
76) Chrysene-d12	14.00	240	653532	20.00	ng	0.00
86) Perylene-d12	15.44	264	548338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1173148	84.95	ng	0.02
7) Phenol-d6	6.48	99	1548560	85.47	ng	0.02
23) Nitrobenzene-d5	7.40	82	1082815	77.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	457410	85.02	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1853121	64.84	ng	0.00
79) Terphenyl-d14	12.94	244	2079897	64.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	235875	37.176	ng	100
3) Pyridine	3.40	79	670748	38.241	ng	98
4) n-Nitrosodimethylamine	3.36	42	336402	41.347	ng	100
6) Aniline	6.50	93	568258	24.081	ng	# 83
8) 2-Chlorophenol	6.62	128	606417	43.127	ng	100
9) Benzaldehyde	6.38	77	324186	27.370	ng	99
10) Phenol	6.49	94	753129	39.034	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	627758	43.169	ng	99
12) 1,3-Dichlorobenzene	6.77	146	632453	40.298	ng	99
13) 1,4-Dichlorobenzene	6.85	146	636523	40.391	ng	99
14) 1,2-Dichlorobenzene	7.00	146	615308	42.385	ng	99
15) Benzyl Alcohol	6.98	79	535197	43.458	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	953526	40.748	ng	87
17) 2-Methylphenol	7.10	107	492034	41.126	ng	94
18) Hexachloroethane	7.35	117	228398	40.477	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	426192	40.814	ng	100
20) 3+4-Methylphenols	7.25	107	580445	40.380	ng	# 88
22) Acetophenone	7.25	105	798020	41.697	ng	97
24) Nitrobenzene	7.42	77	651526	42.878	ng	98
25) Isophorone	7.66	82	1189635	42.065	ng	100
26) 2-Nitrophenol	7.73	139	302918	42.648	ng	95
27) 2,4-Dimethylphenol	7.77	122	495761	39.271	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	707645	40.418	ng	99
29) 2,4-Dichlorophenol	7.98	162	464142	40.367	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	479982	39.637	ng	98
31) Naphthalene	8.14	128	1544523	38.788	ng	100
32) Benzoic acid	7.92	122	356562	39.322	ng	97
33) 4-Chloroaniline	8.19	127	326380	18.909	ng	99
34) Hexachlorobutadiene	8.26	225	286602	40.322	ng	100
35) Caprolactam	8.57	113	95129	24.844	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	510144	41.186	ng	100
37) 2-Methylnaphthalene	8.83	142	1099214	42.123	ng	99
38) 1-Methylnaphthalene	8.93	142	1036250	42.668	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	512250	37.884	ng	99

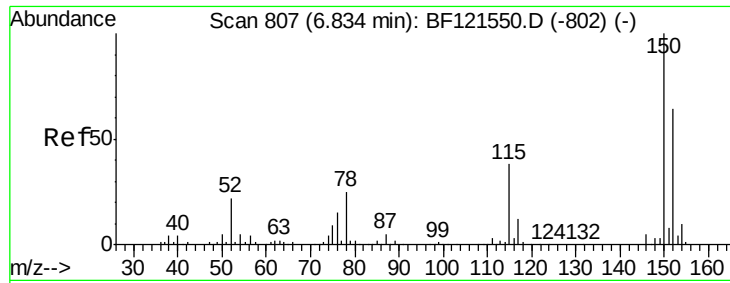
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121574.D
 Acq On : 15 Sep 2020 13:26
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	418388	54.183	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	364795	39.581	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	390588	40.088	nq	95
46) 1,1'-Biphenyl	9.29	154	1291912	37.280	nq	100
47) 2-Chloronaphthalene	9.32	162	955266	34.981	nq	99
48) 2-Nitroaniline	9.42	65	367399	43.295	nq	99
49) Acenaphthylene	9.73	152	1623327	38.689	nq	99
50) Dimethylphthalate	9.60	163	1632183	52.024	nq	98
51) 2,6-Dinitrotoluene	9.66	165	288767	43.219	nq #	88
52) Acenaphthene	9.91	154	979838	36.973	nq	98
53) 3-Nitroaniline	9.83	138	203354	26.273	nq	98
54) 2,4-Dinitrophenol	9.93	184	226468	61.168	nq	95
55) Dibenzofuran	10.08	168	1428389	38.273	nq	100
56) 4-Nitrophenol	10.01	139	500552	81.090	nq	92
57) 2,4-Dinitrotoluene	10.06	165	382630	45.520	nq	98
58) Fluorene	10.42	166	1046876	36.681	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	325362	41.076	nq	98
60) Diethylphthalate	10.30	149	1181568	38.628	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	506661	37.059	nq	96
62) 4-Nitroaniline	10.45	138	266422	34.667	nq	98
63) Azobenzene	10.57	77	1192030	36.594	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	154458	35.273	nq	99
66) n-Nitrosodiphenylamine	10.53	169	1011667	38.840	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	345131	39.927	nq	95
68) Hexachlorobenzene	10.97	284	385084	39.475	nq	97
69) Atrazine	11.06	200	252363	38.998	nq	97
70) Pentachlorophenol	11.17	266	413602	77.202	nq	99
71) Phenanthrene	11.38	178	1613044	38.995	nq	100
72) Anthracene	11.43	178	1621009	37.974	nq	100
73) Carbazole	11.59	167	1626757	42.230	nq	99
74) Di-n-butylphthalate	11.92	149	2024601	45.537	nq	100
75) Fluoranthene	12.57	202	1923491	43.560	nq	99
77) Benzidine	12.69	184	492168	22.716	nq	99
78) Pyrene	12.80	202	1912943	40.062	nq	99
80) Butylbenzylphthalate	13.42	149	912851	47.270	nq	99
81) Benzo(a)anthracene	13.99	228	1629508	39.412	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	538700	33.374	nq	99
83) Chrysene	14.02	228	1625527	38.825	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1210334	46.915	nq	100
85) Di-n-octyl phthalate	14.59	149	2173177	47.732	nq	100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1526536	42.749	nq	100
88) Benzo(b)fluoranthene	15.03	252	1710219	46.655	nq	100
89) Benzo(k)fluoranthene	15.06	252	1307582	38.953	nq	99
90) Benzo(a)pyrene	15.39	252	1299046	41.690	nq	100
91) Dibenzo(a,h)anthracene	16.92	278	1248896	42.014	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1285682	44.001	nq	98

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

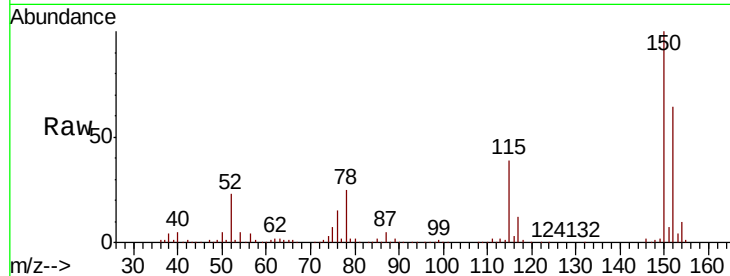


#1

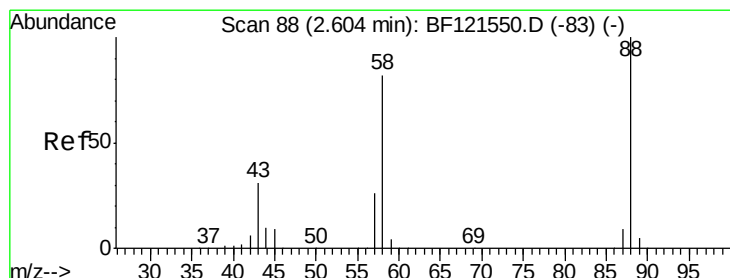
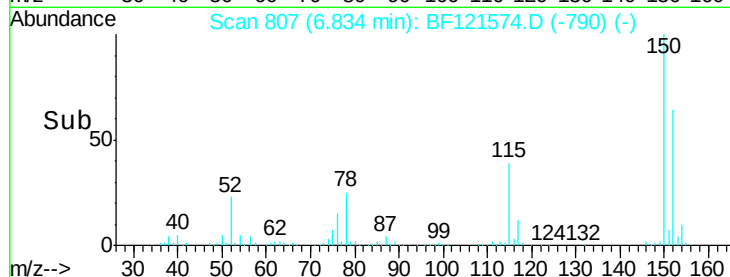
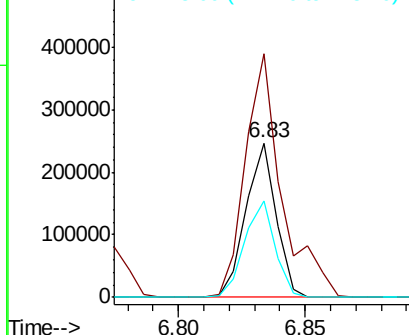
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:152 Resp: 205243
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 62.1 47.8 71.8



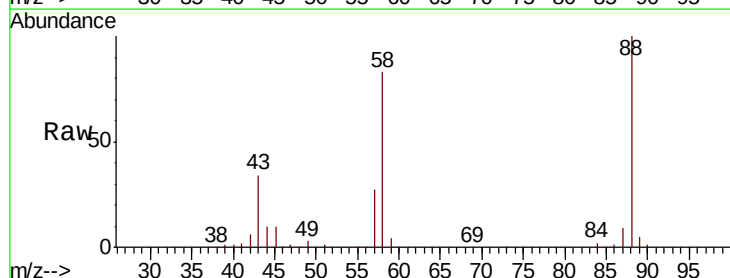
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



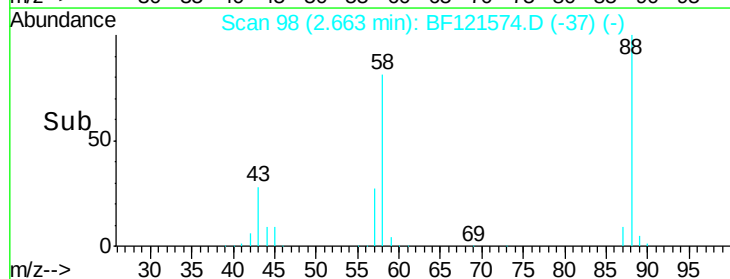
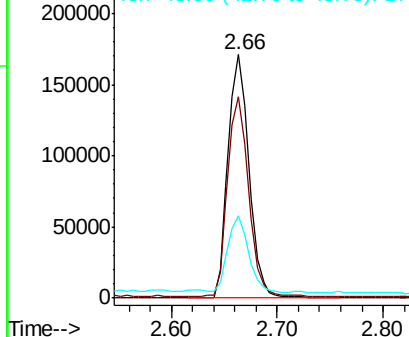
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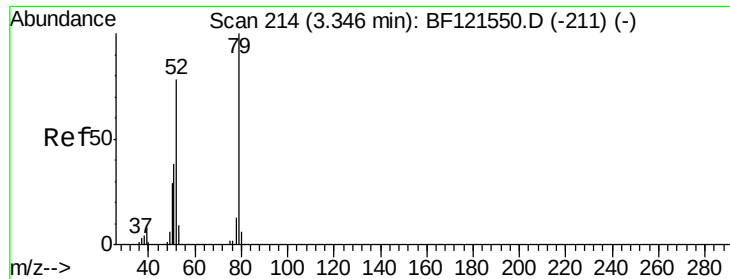
1,4-Dioxane
Concen: 37.176 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion: 88 Resp: 235875
Ion Ratio Lower Upper
88 100
58 81.5 65.1 97.7
43 30.6 25.0 37.4



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





#3

Pvridine

Concen: 38.241 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.06 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

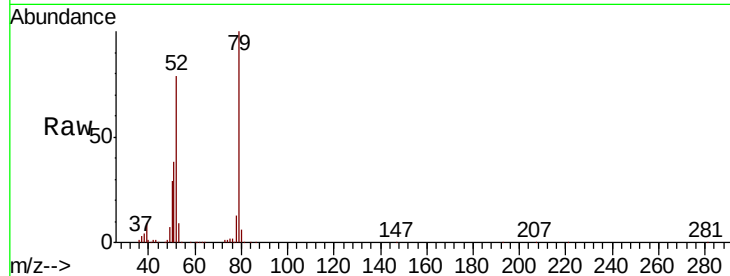
Tot Ion: 79 Resp: 670748

Ion Ratio Lower Upper

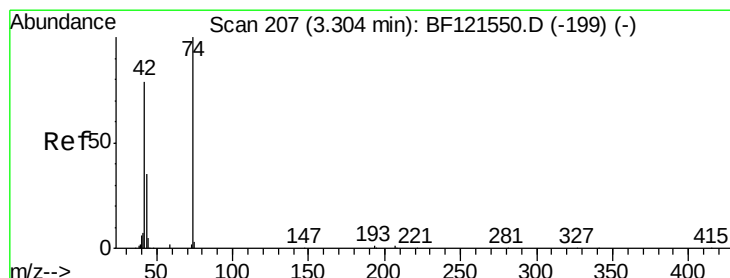
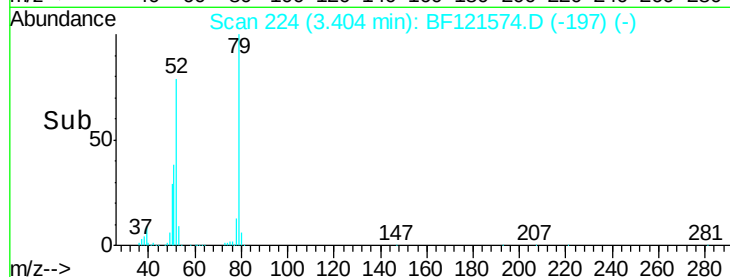
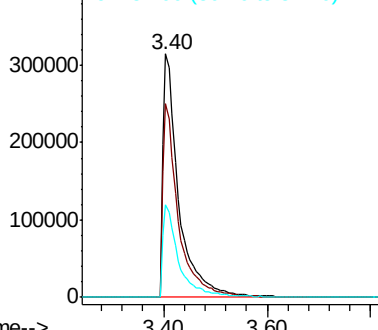
79 100

52 79.4 62.2 93.2

51 37.8 30.6 45.8



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



#4

n-Nitrosodimethylamine

Concen: 41.347 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

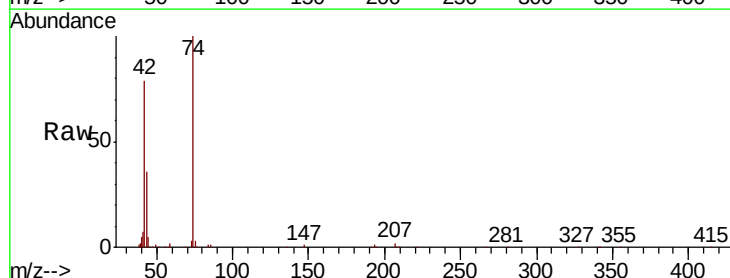
Tgt Ion: 42 Resp: 336402

Ion Ratio Lower Upper

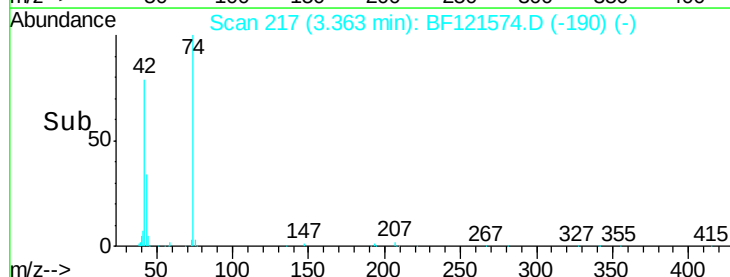
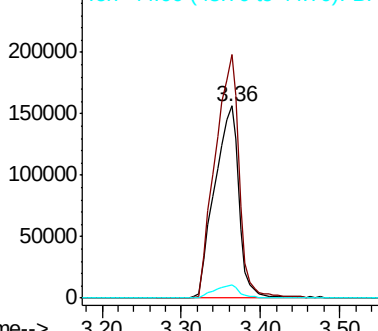
42 100

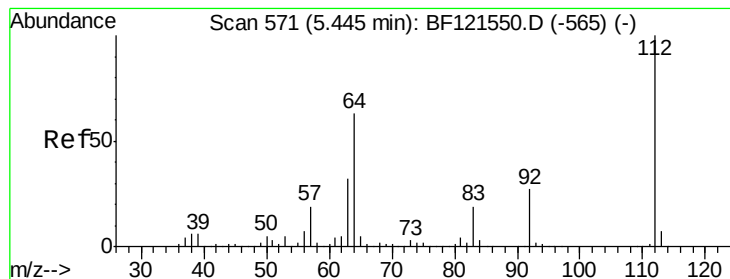
74 126.7 101.7 152.5

44 6.7 5.4 8.2



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





#5

2-Fluorophenol

Concen: 84.945 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

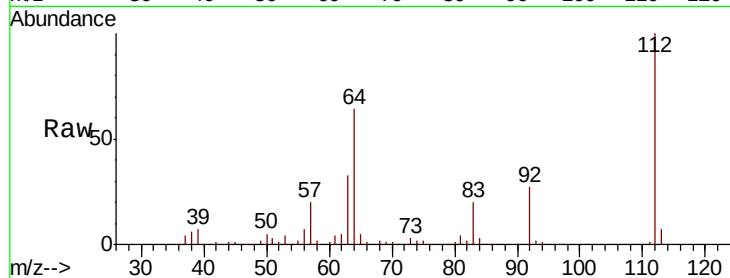
Tot Ion:112 Resp: 1173148

Ion Ratio Lower Upper

112 100

64 63.6 50.3 75.5

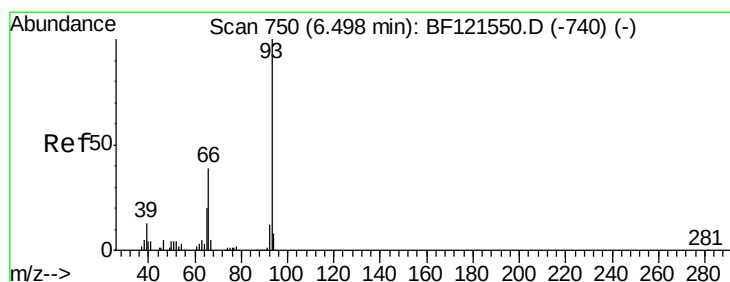
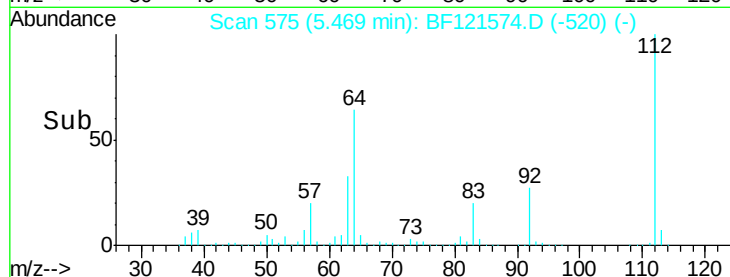
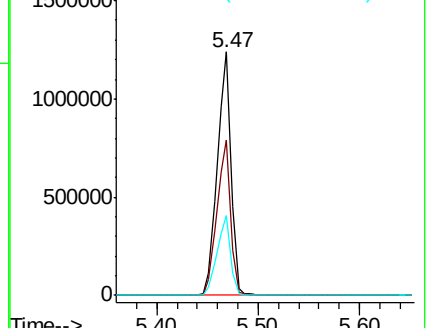
63 32.6 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.081 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

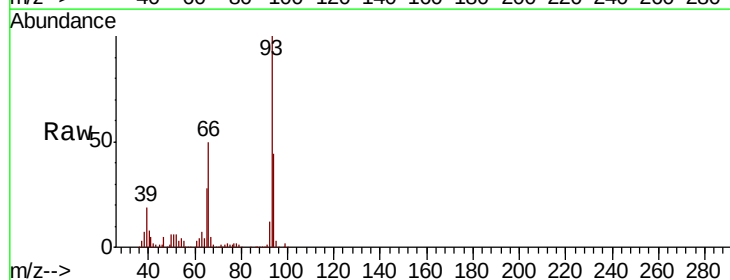
Tgt Ion: 93 Resp: 568258

Ion Ratio Lower Upper

93 100

66 50.3 31.8 47.8#

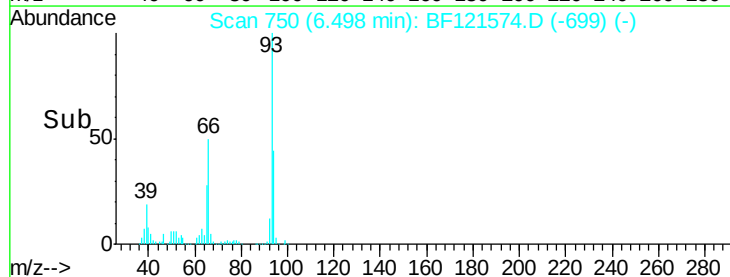
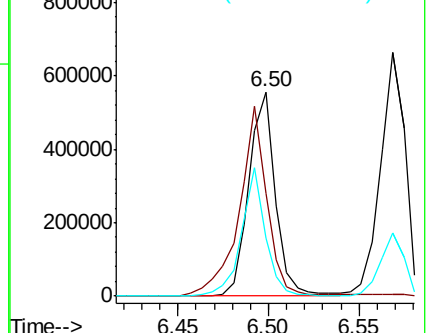
65 28.1 16.2 24.2#

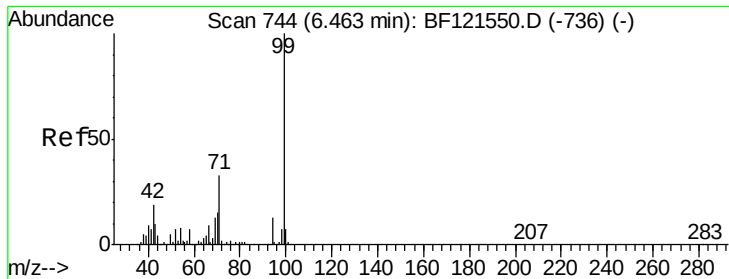


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.468 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

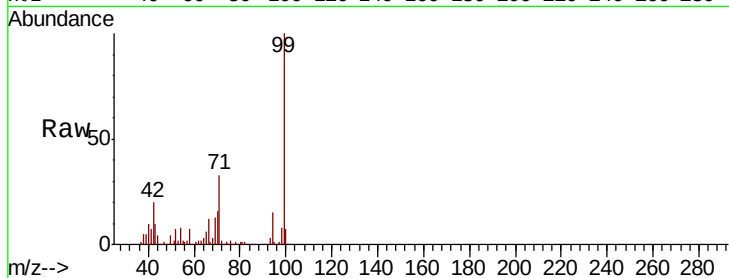
BNA_F

ClientSampleId :

357MSD

Tot Ion: 99 Resp: 1548560

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	33.3	26.1	39.1

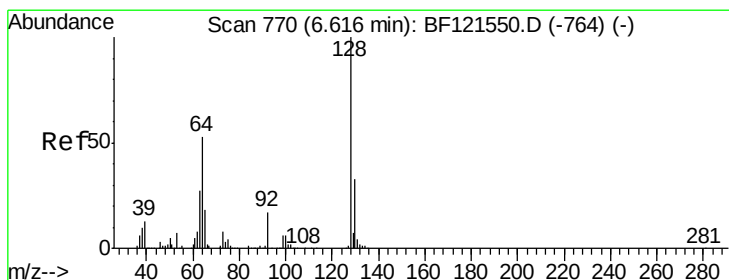
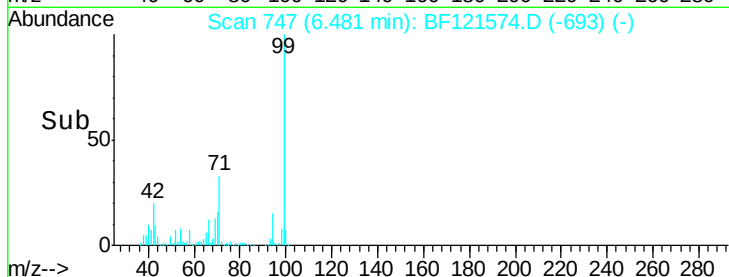
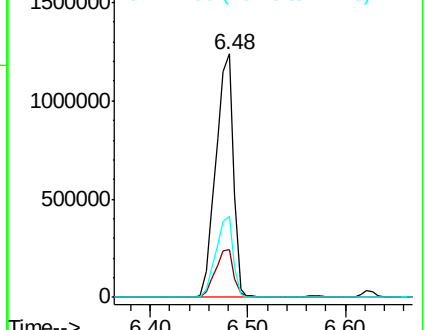


Abundance

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: 43.127 ng

RT: 6.62 min Scan# 771

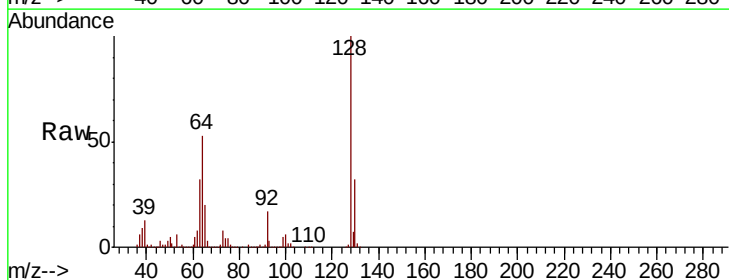
Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Tgt Ion: 128 Resp: 606417

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.4	33.1	73.1

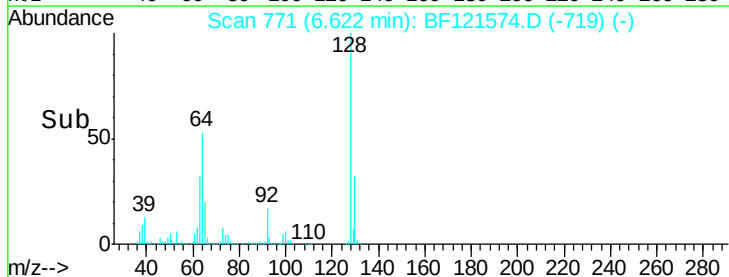
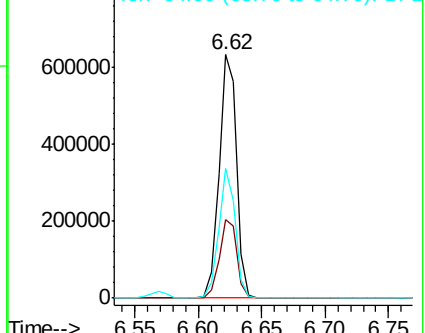


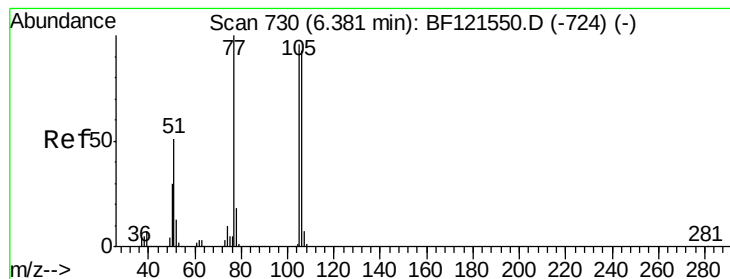
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.370 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampled :

357MSD

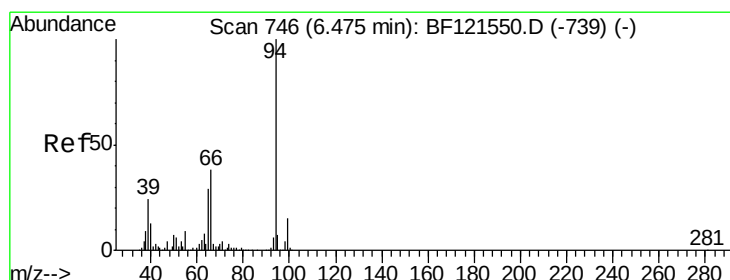
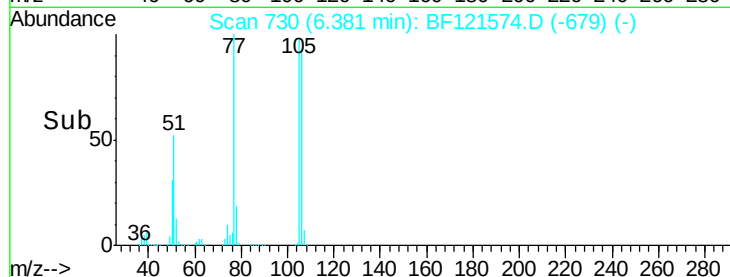
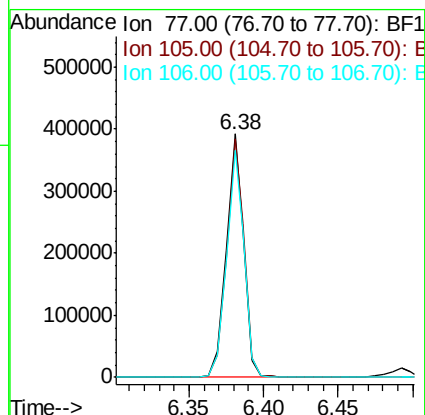
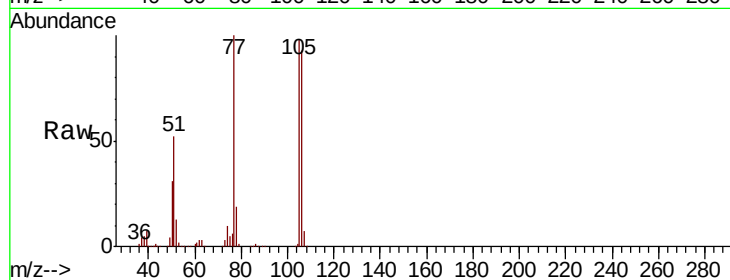
Tot Ion: 77 Resp: 324186

Ion Ratio Lower Upper

77 100

105 97.8 76.4 116.4

106 93.0 73.5 113.5



#10

Phenol

Concen: 39.034 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

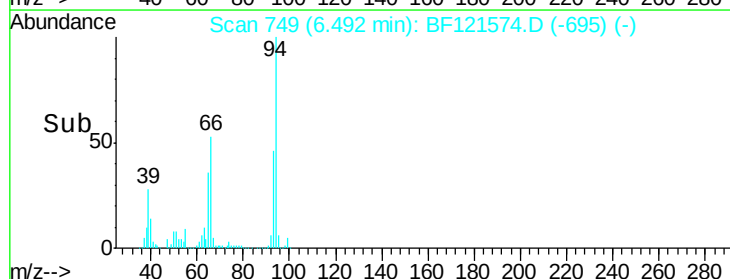
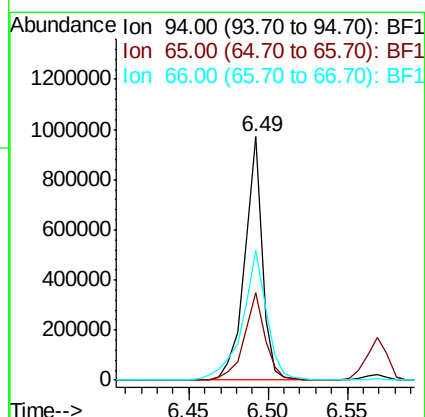
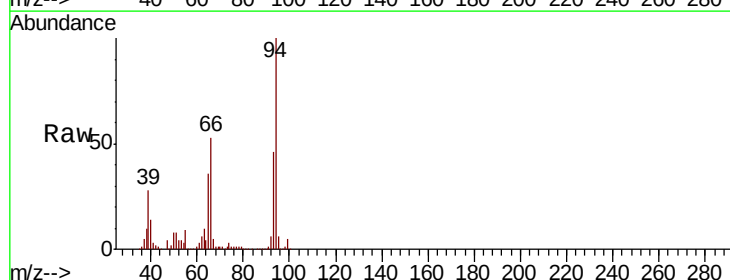
Tgt Ion: 94 Resp: 753129

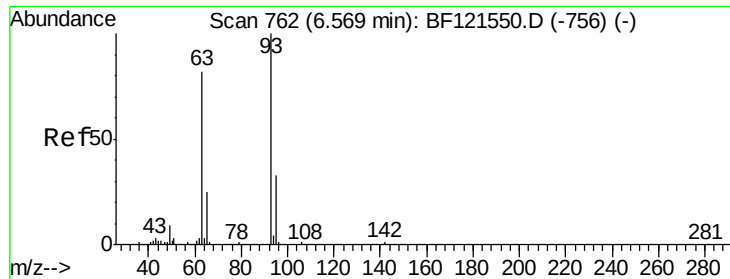
Ion Ratio Lower Upper

94 100

65 36.1 9.4 49.4

66 53.4 18.3 58.3

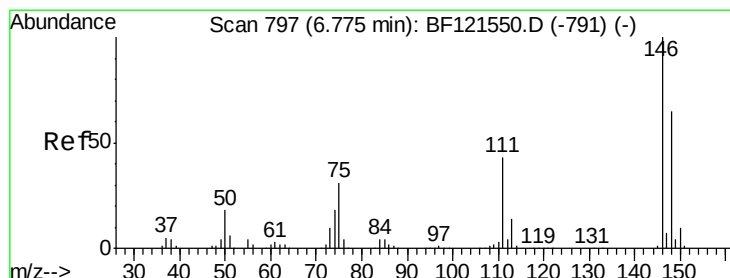
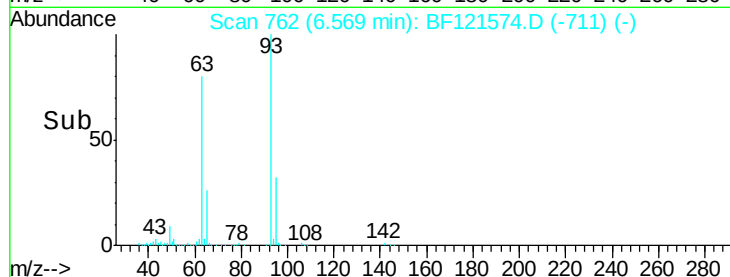
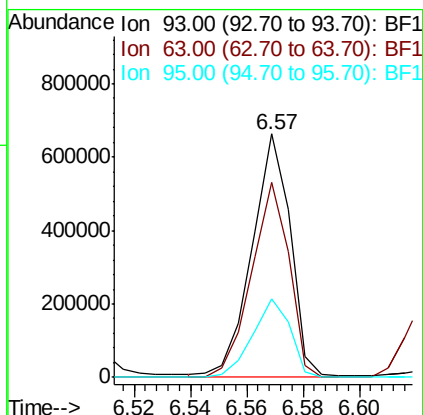
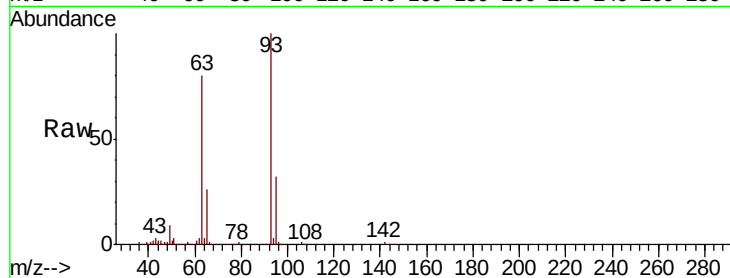




#11
bis(2-Chloroethyl)ether
Concen: 43.169 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

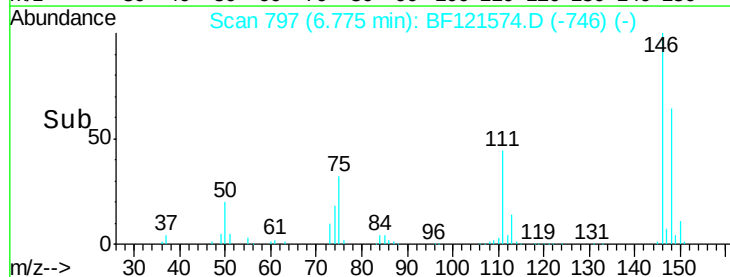
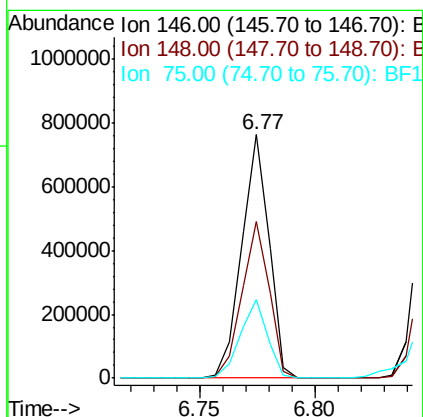
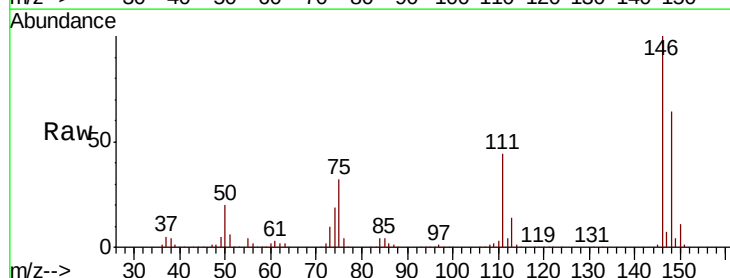
Instrument :
BNA_F
ClientSampleId :
357MSD

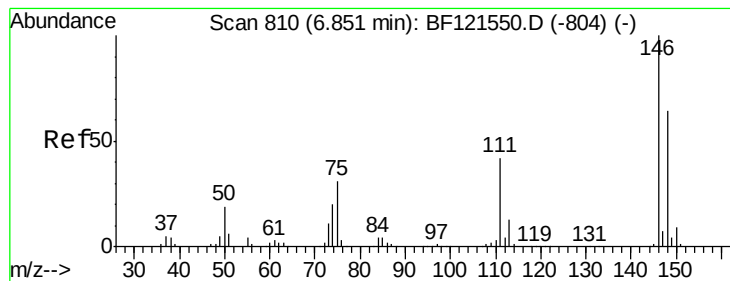
Tot Ion: 93 Resp: 627758
Ion Ratio Lower Upper
93 100
63 80.1 61.7 101.7
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion: 146 Resp: 632453
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 32.1 24.6 36.8





#13

1,4-Dichlorobenzene

Concen: 40.391 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

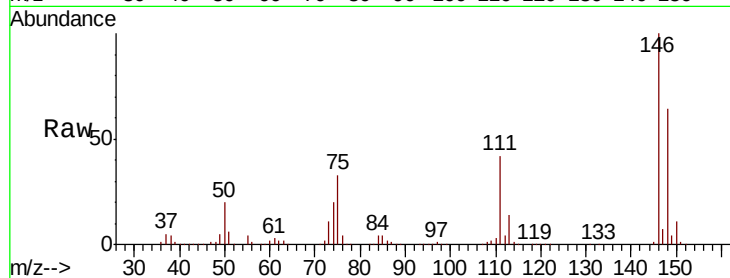
Tot Ion:146 Resp: 636523

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

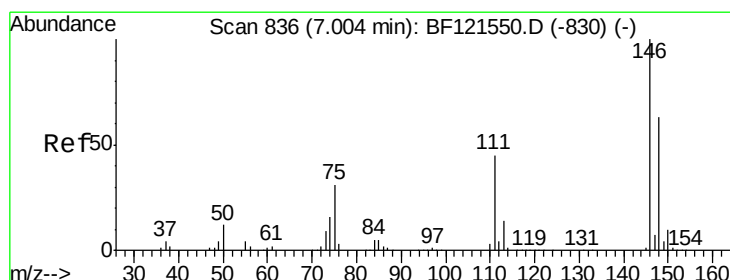
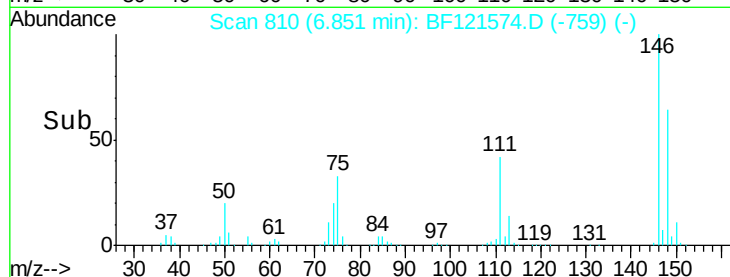
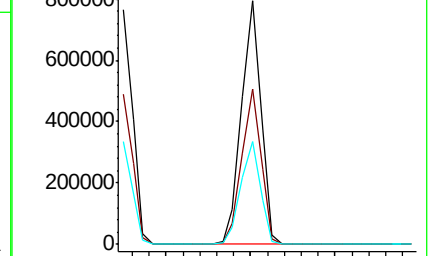
111 42.5 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.385 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

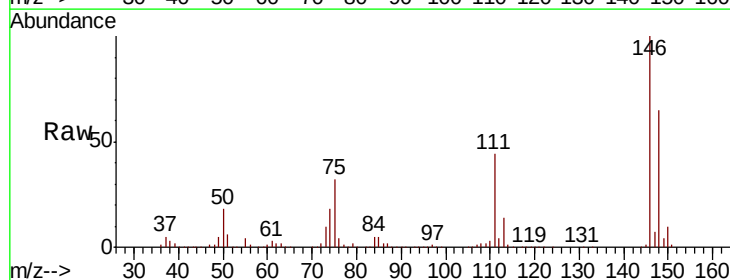
Tgt Ion:146 Resp: 615308

Ion Ratio Lower Upper

146 100

148 64.5 50.7 76.1

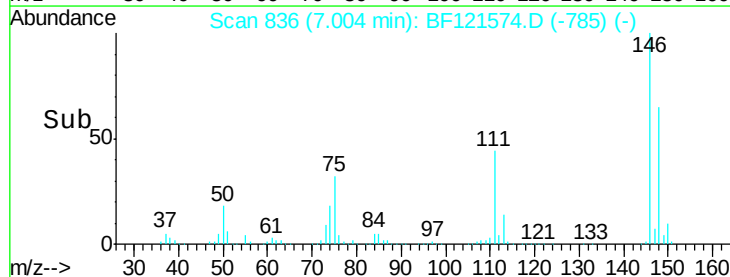
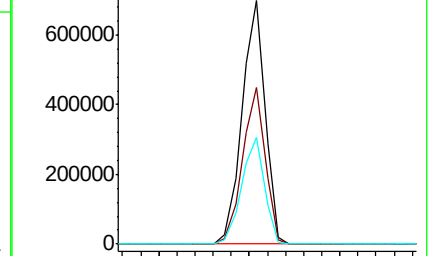
111 43.8 35.8 53.6

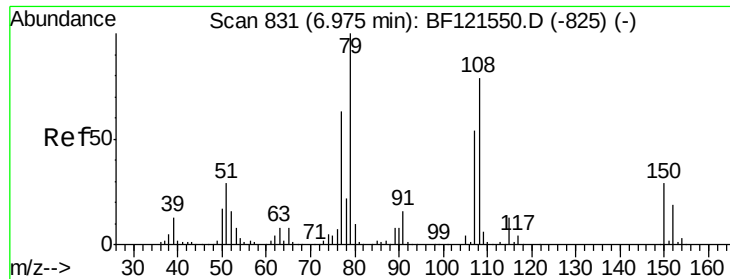


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

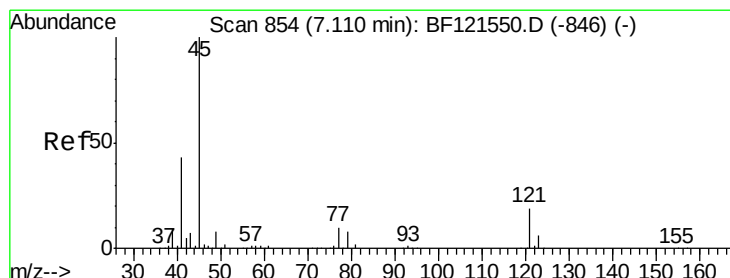
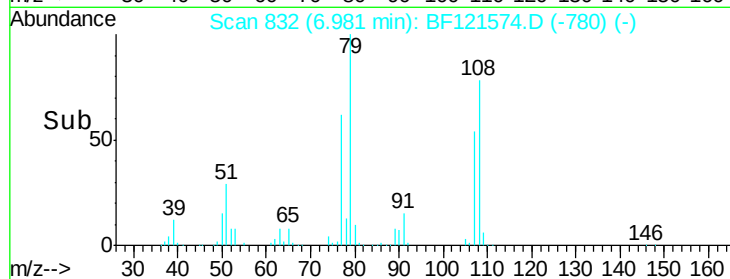
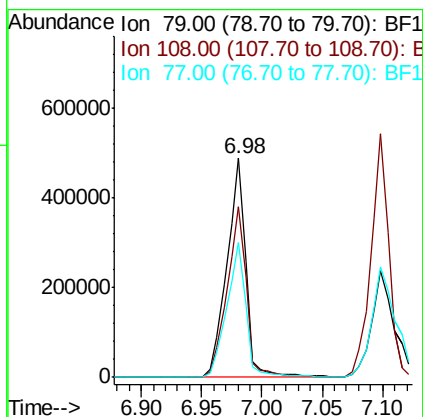
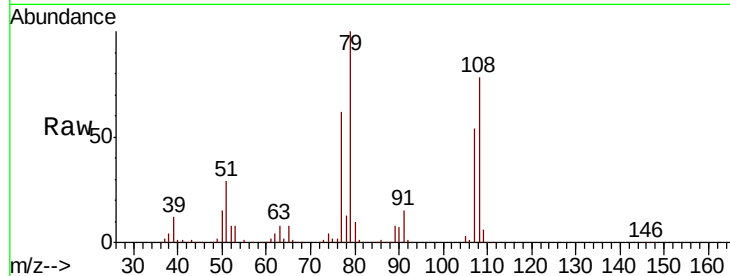




#15
Benzyl Alcohol
Concen: 43.458 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

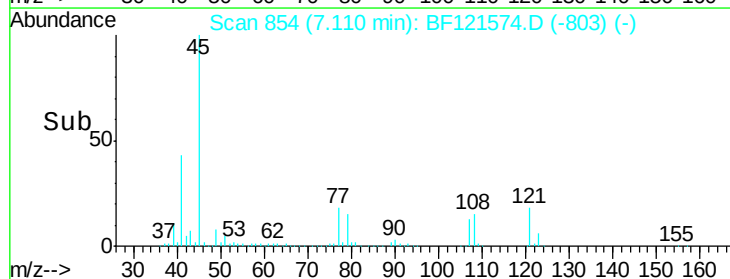
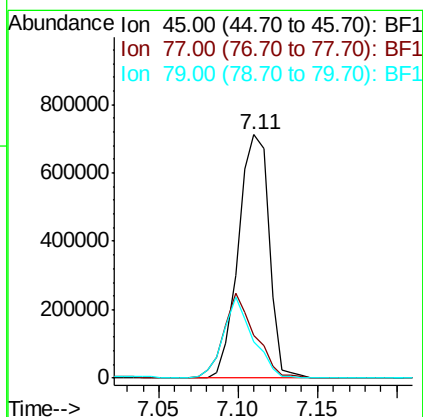
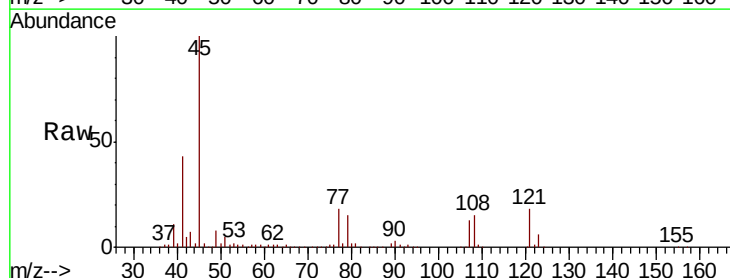
Instrument :
BNA_F
ClientSampleId :
357MSD

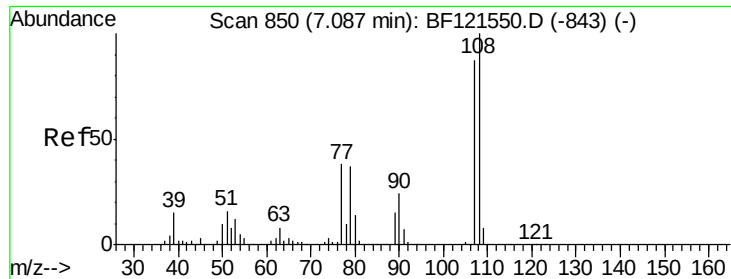
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	63.1	94.7
77	61.8	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.748 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	32.5
79	14.7	0.0	29.8

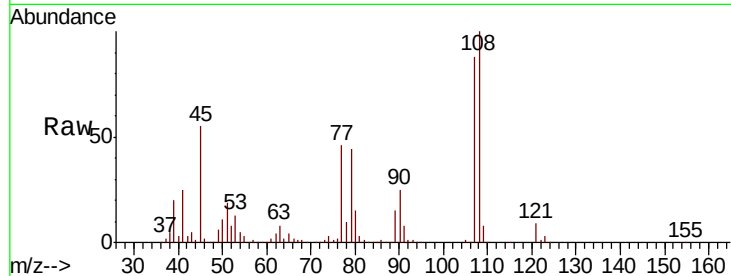




#17
2-Methylphenol
Concen: 41.126 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:	107	Resp:	492034
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.1	138.1
77	51.5	35.5	53.3
79	49.7	34.5	51.7



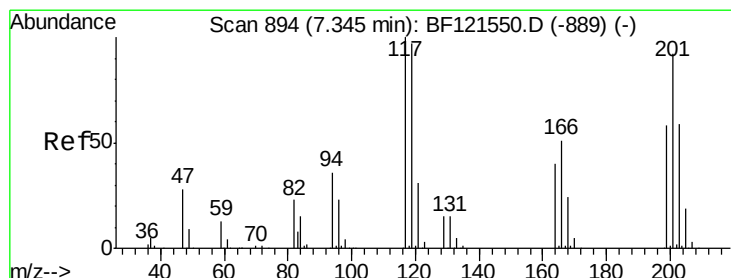
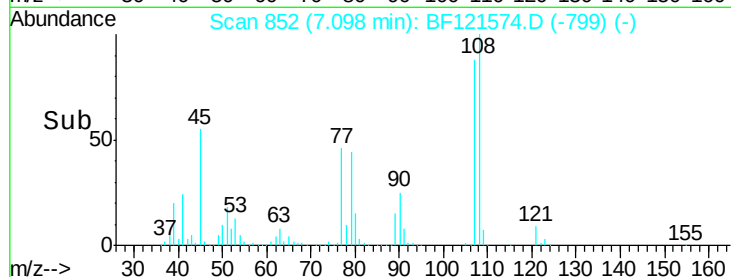
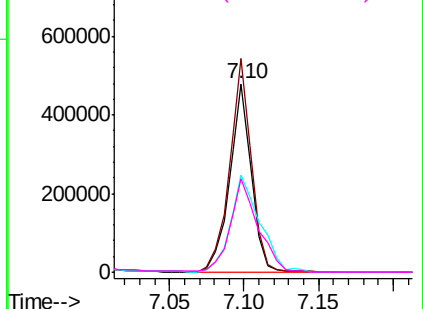
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

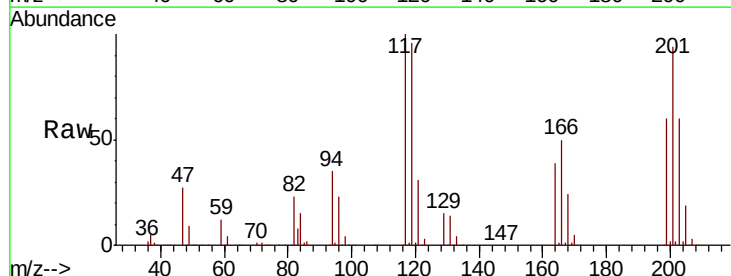
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.477 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:	117	Resp:	228398
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.2	115.8
201	93.7	73.7	110.5

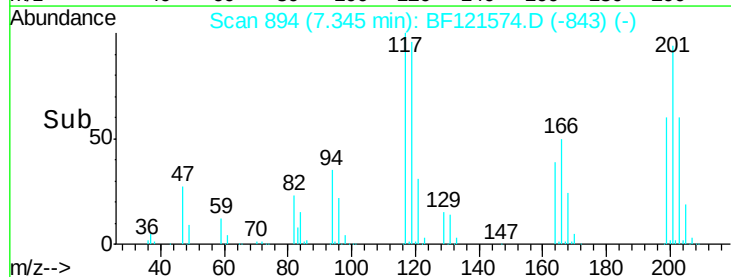
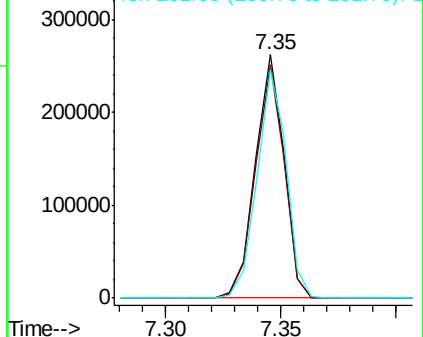


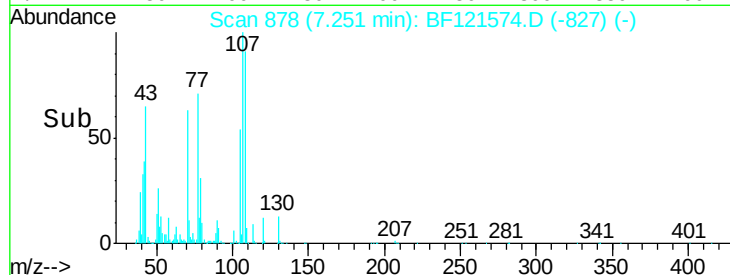
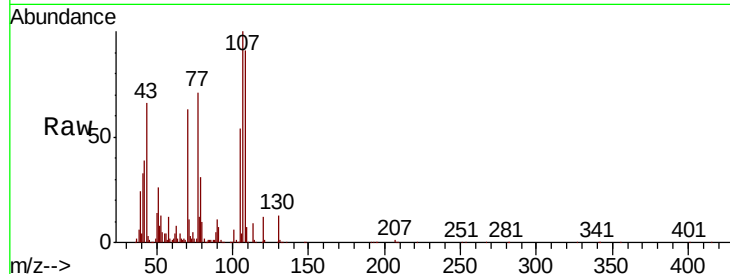
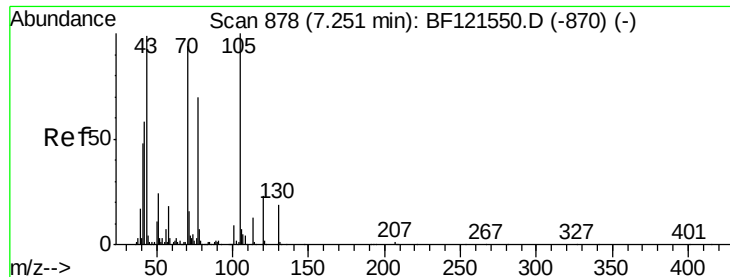
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

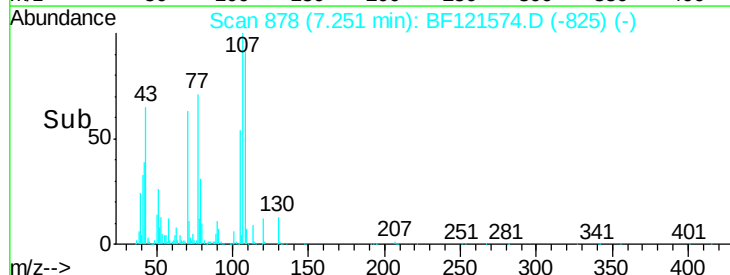
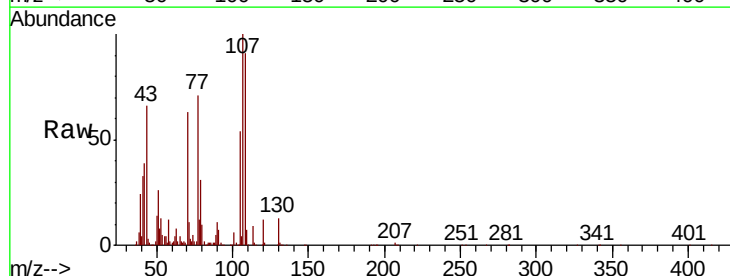
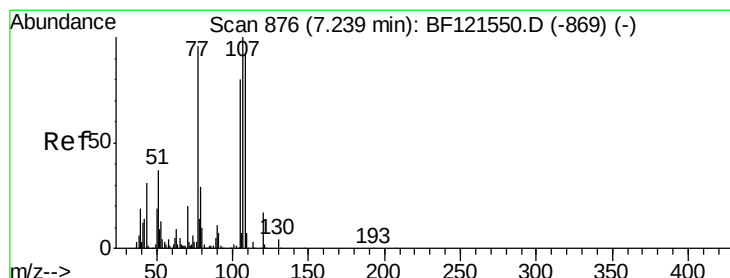
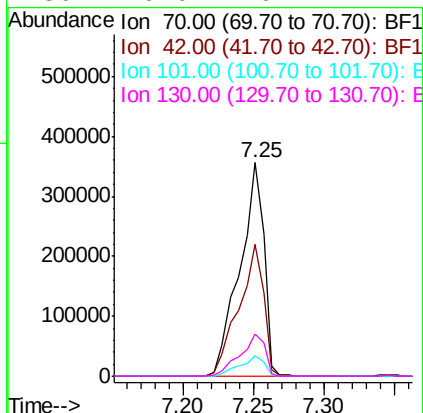




#19
n-Nitroso-di-n-propylamine
Concen: 40.814 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

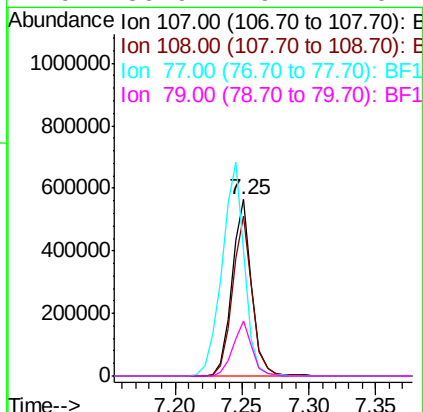
Instrument :
BNA_F
ClientSampleId :
357MSD

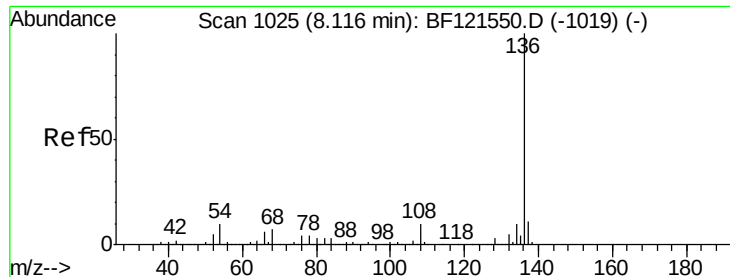
Tot Ion:	70	Resp:	426192
Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.4	74.2
101	9.7	7.6	11.4
130	20.0	16.2	24.4



#20
3+4-Methylphenols
Concen: 40.380 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:	107	Resp:	580445
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.8	111.8
77	71.2	75.5	115.5#
79	30.9	9.2	49.2

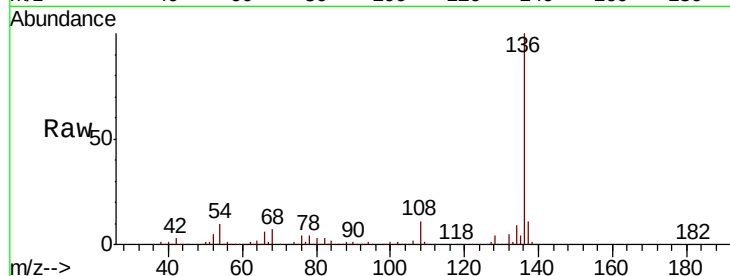




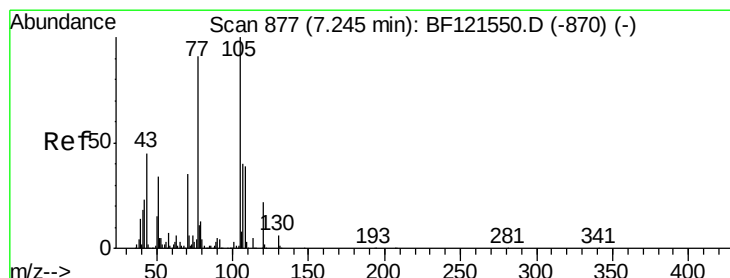
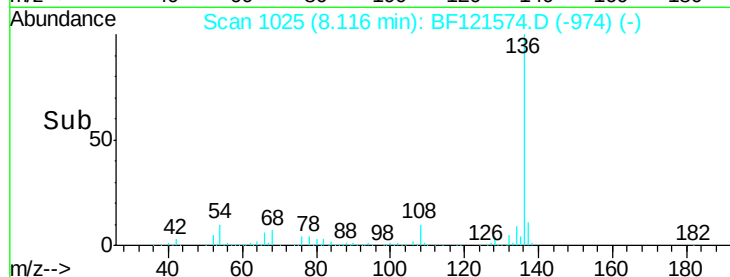
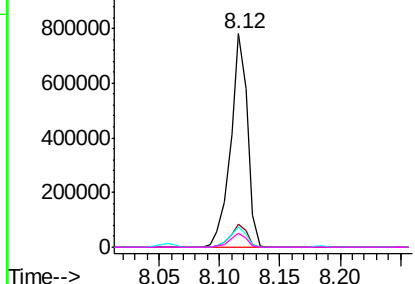
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:136	Resp:	754318
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	9.9	7.6 11.4
68	6.9	5.7 8.5

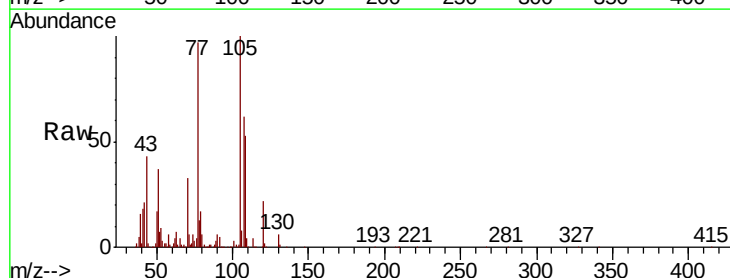


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

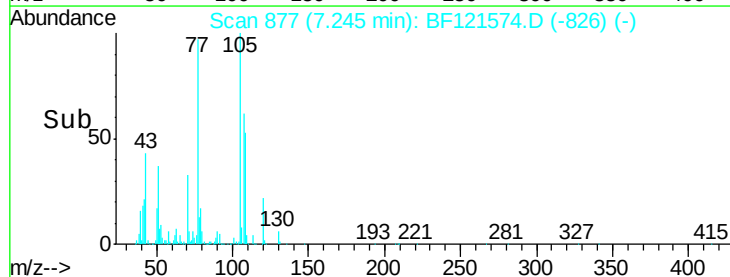
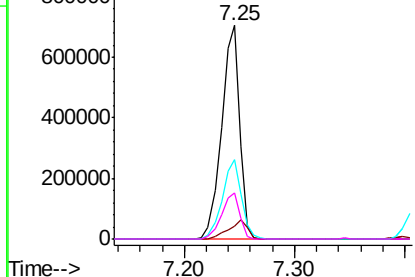


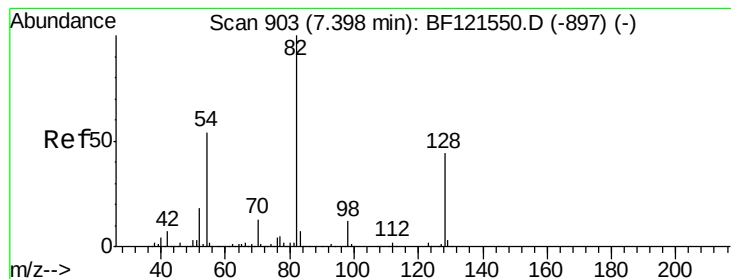
#22
Acetophenone
Concen: 41.697 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:105	Resp:	798020
Ion	Ratio	Lower Upper
105	100	
71	5.7	4.6 7.0
51	37.1	27.6 41.4
120	21.9	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
Ion 51.00 (50.70 to 51.70): BF1
600000
Ion 120.00 (119.70 to 120.70): E
400000
200000
0





#23

Nitrobenzene-d5

Concen: 77.074 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

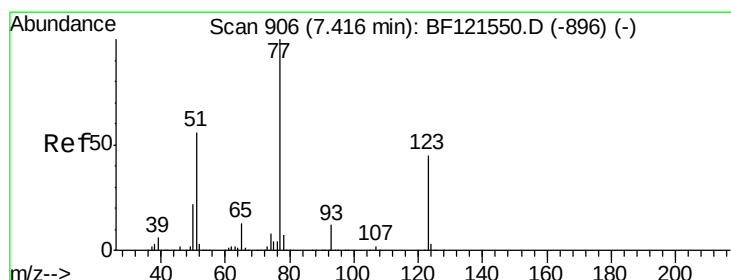
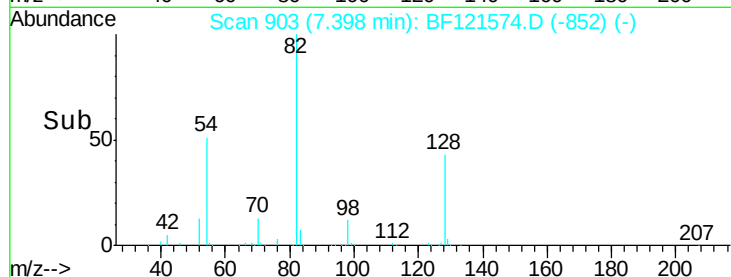
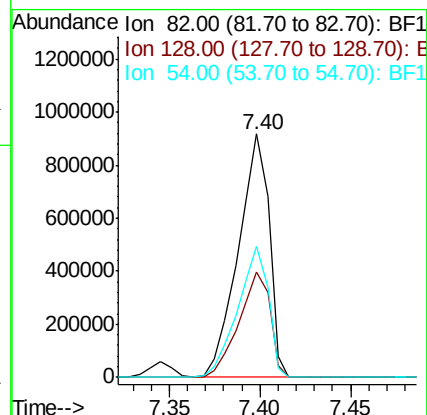
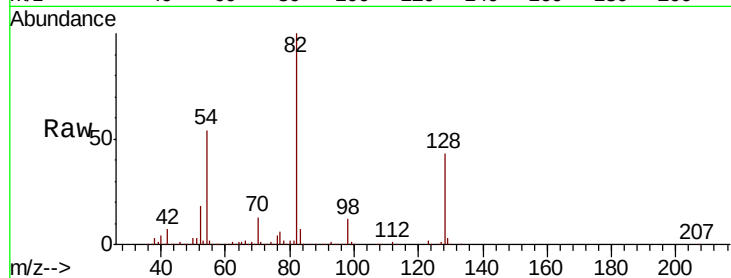
Tot Ion: 82 Resp: 1082815

Ion Ratio Lower Upper

82 100

128 43.3 35.1 52.7

54 54.0 43.0 64.6



#24

Nitrobenzene

Concen: 42.878 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

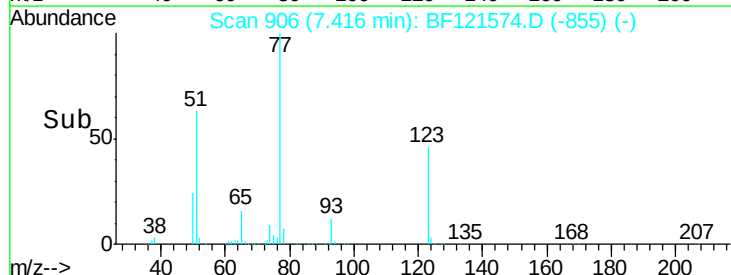
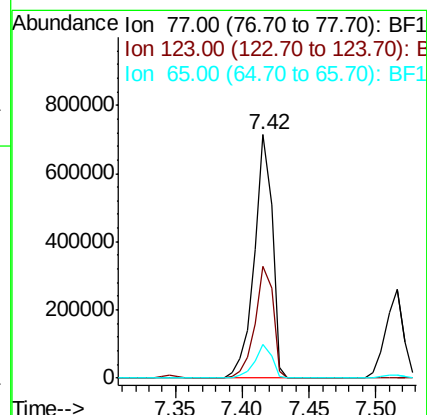
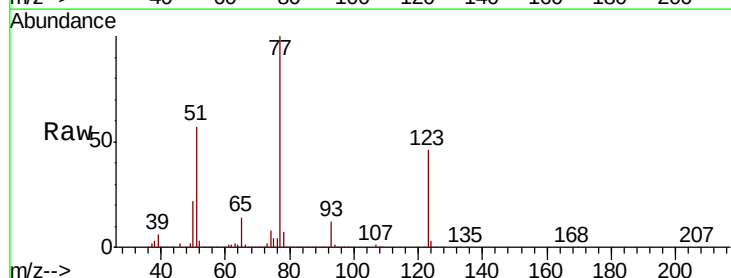
Tgt Ion: 77 Resp: 651526

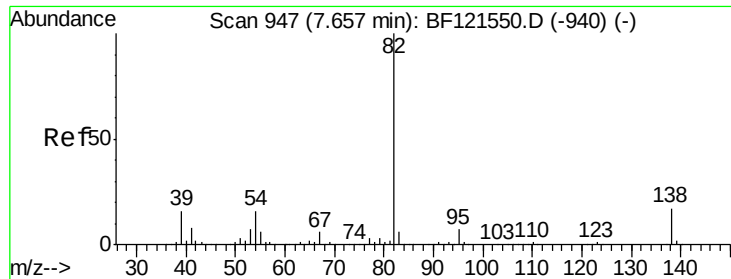
Ion Ratio Lower Upper

77 100

123 46.1 35.8 53.8

65 13.7 10.7 16.1





#25

Isophorone

Concen: 42.065 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

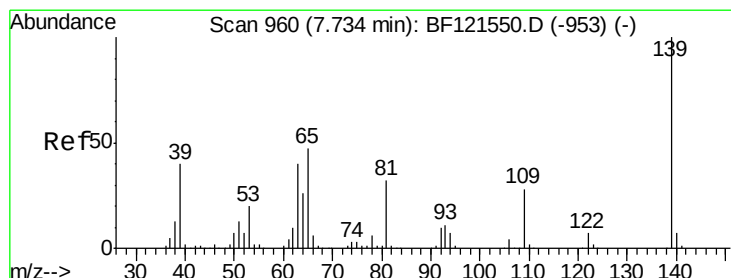
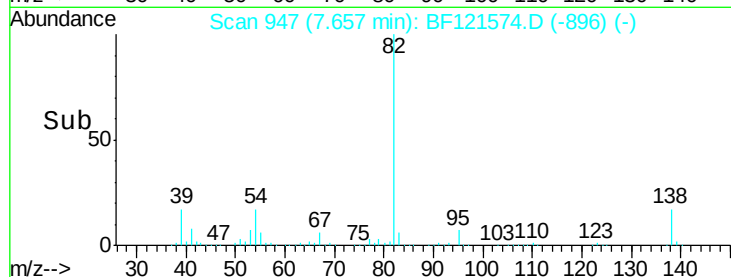
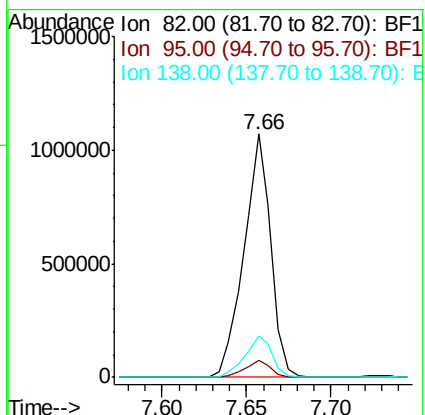
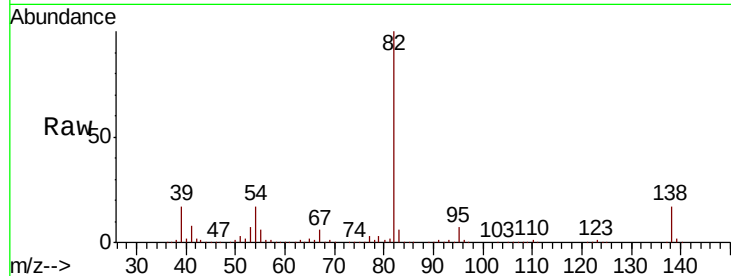
Tot Ion: 82 Resp: 1189635

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.648 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

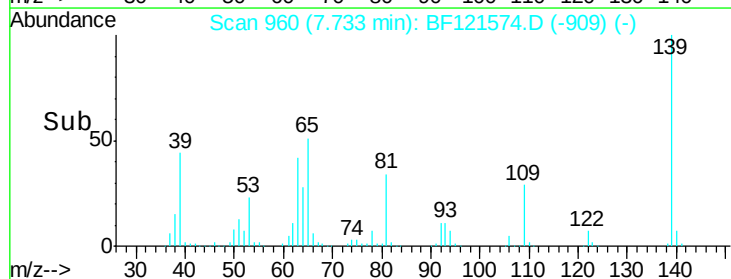
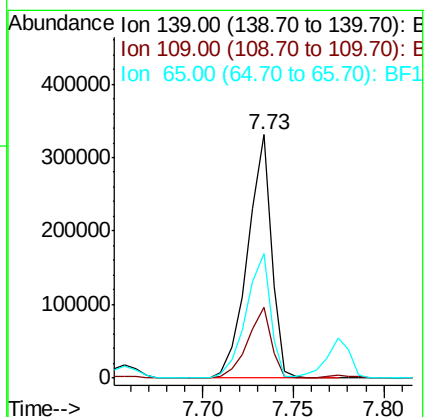
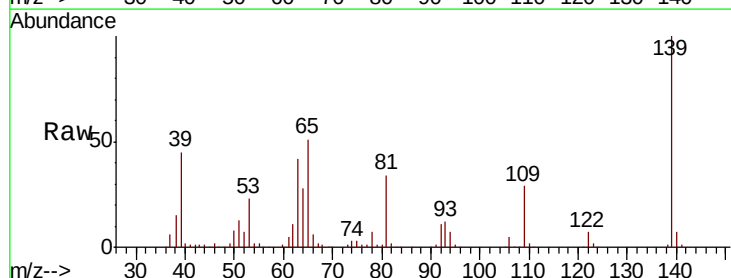
Tgt Ion: 139 Resp: 302918

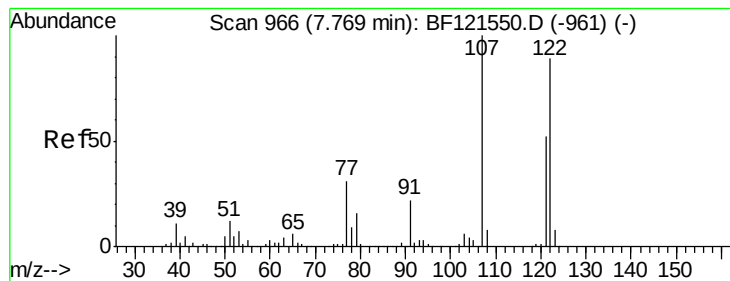
Ion Ratio Lower Upper

139 100

109 29.3 22.4 33.6

65 51.1 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 39.271 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

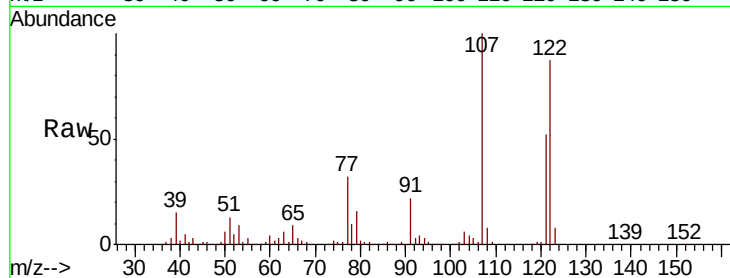
Tot Ion:122 Resp: 495761

Ion Ratio Lower Upper

122 100

107 115.1 89.5 134.3

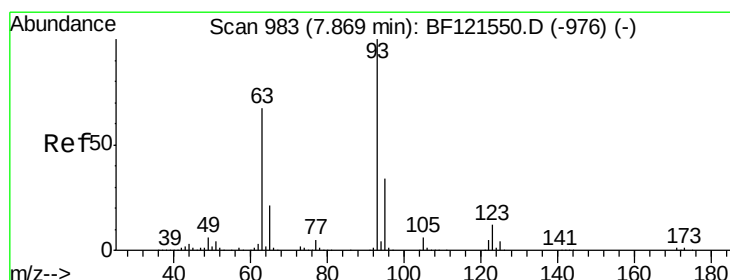
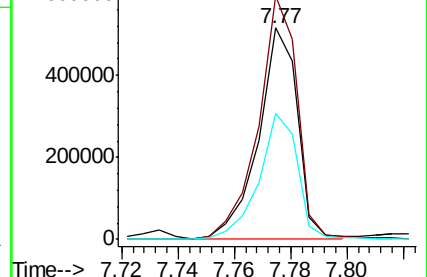
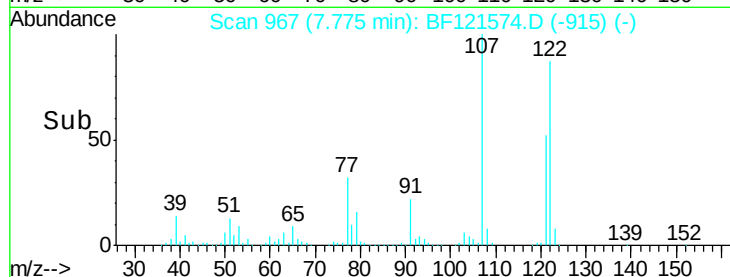
121 59.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.418 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

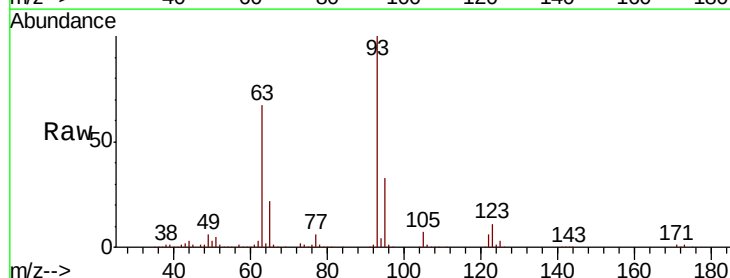
Tgt Ion: 93 Resp: 707645

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

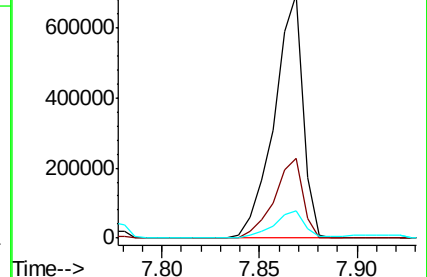
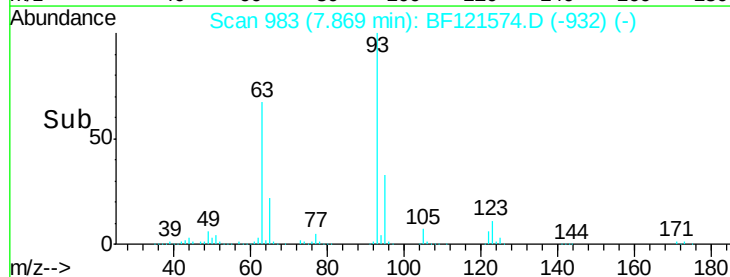
123 11.4 9.7 14.5

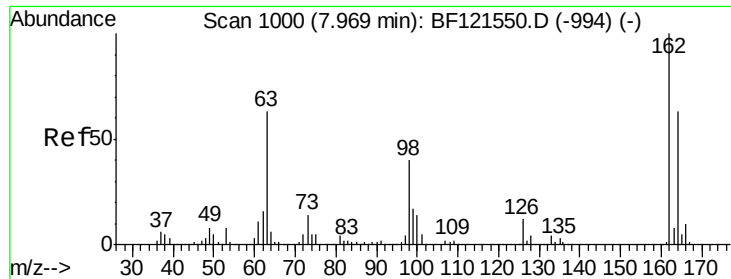


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

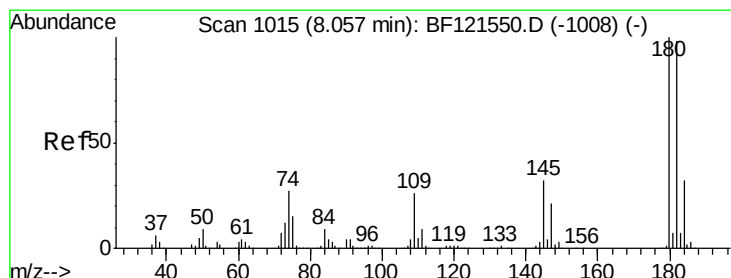
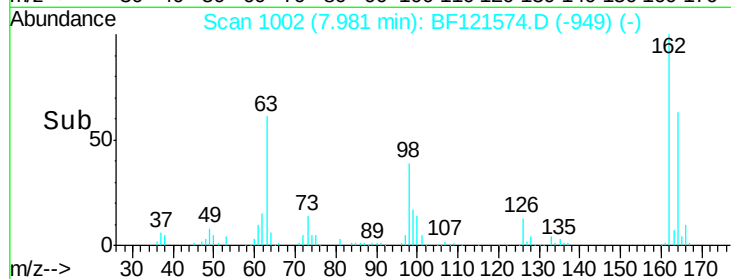
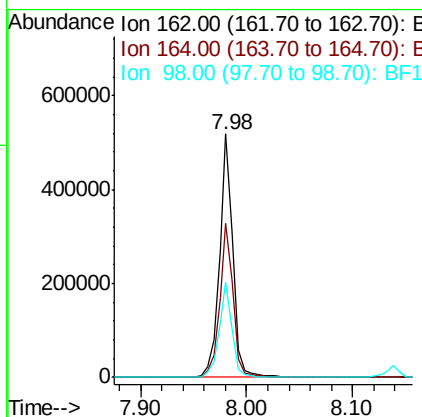
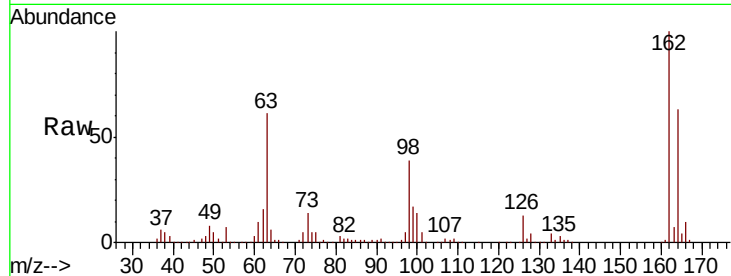




#29
 2,4-Dichlorophenol
 Concen: 40.367 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

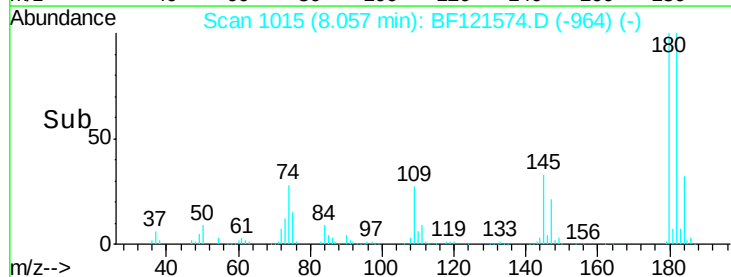
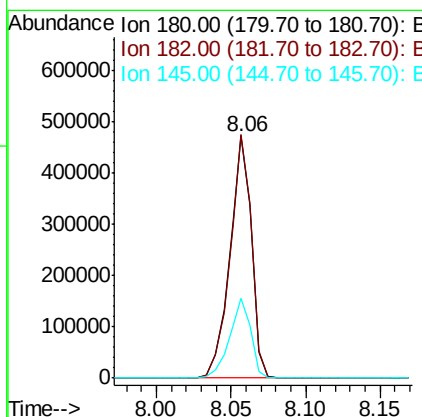
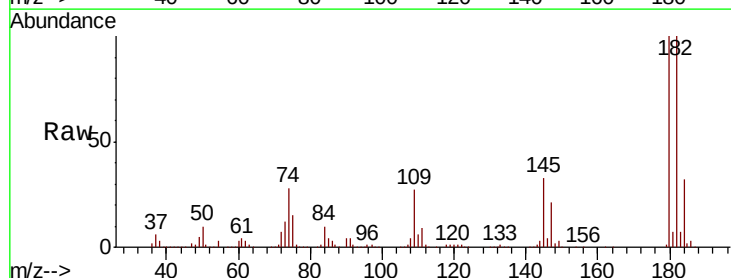
Instrument :
 BNA_F
 ClientSampleId :
 357MSD

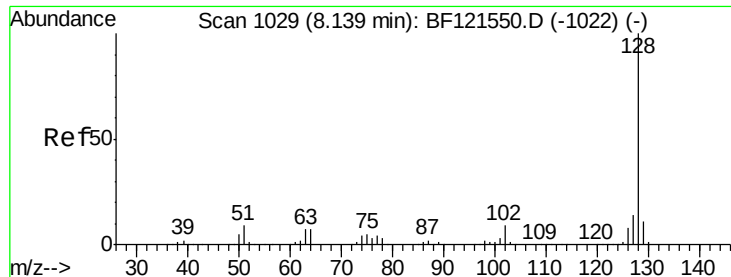
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.5	83.5
98	39.1	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.637 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	78.7	118.1
145	33.2	26.0	39.0

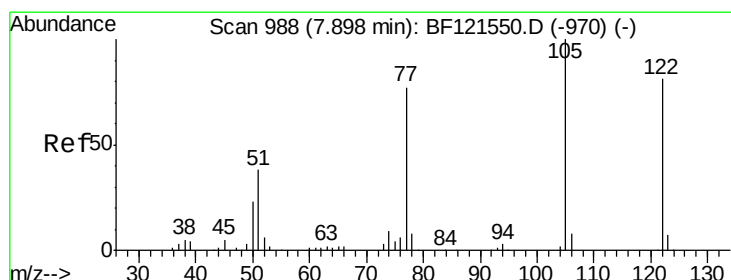
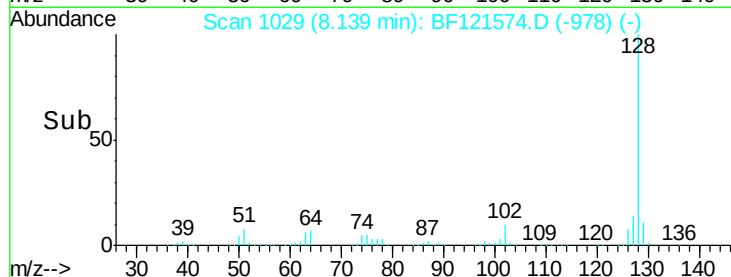
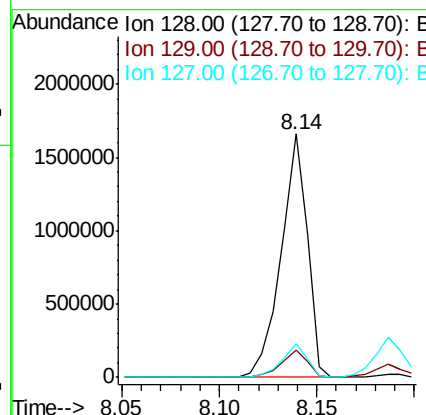
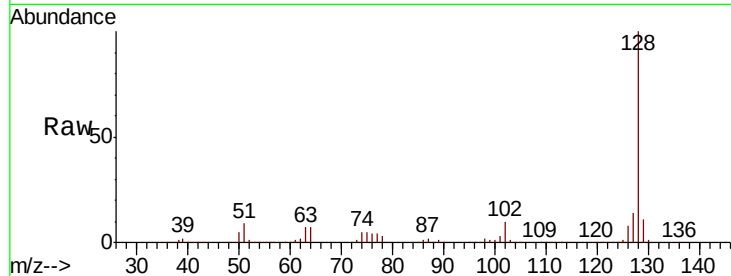




#31
Naphthalene
Concen: 38.788 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

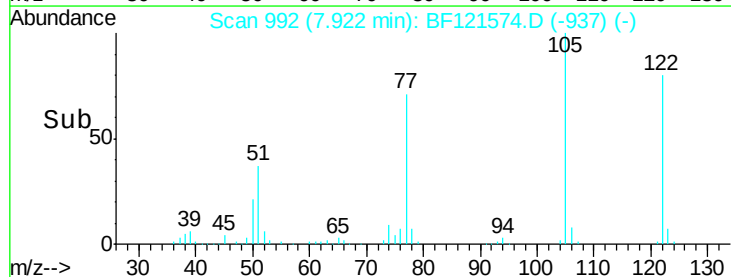
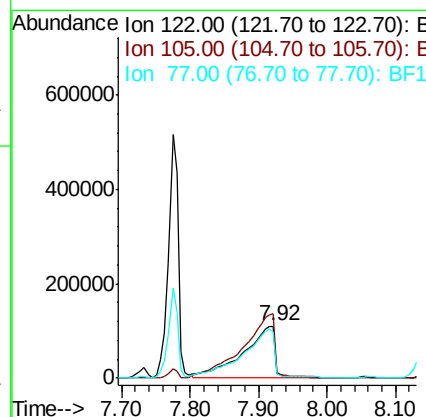
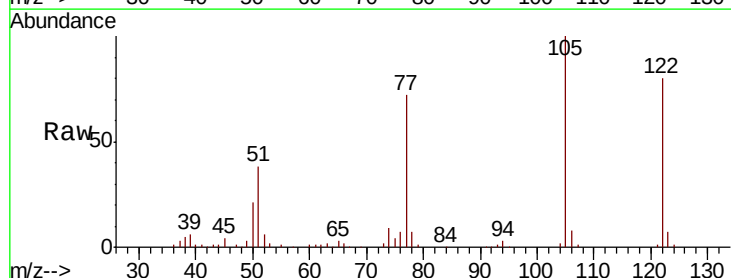
Instrument :
BNA_F
ClientSampleId :
357MSD

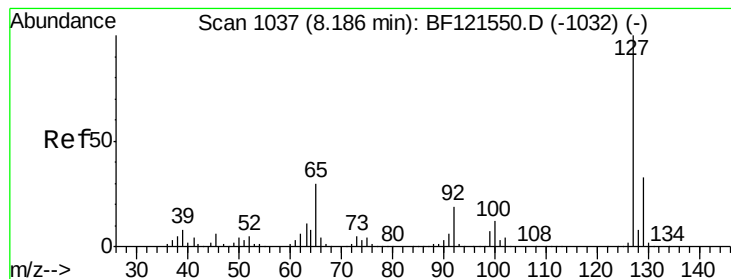
Tot Ion:128 Resp: 1544523
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 39.322 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:122 Resp: 356562
Ion Ratio Lower Upper
122 100
105 125.1 100.5 140.5
77 90.4 72.6 112.6





#33

4-Chloroaniline

Concen: 18.909 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion:127 Resp: 326380

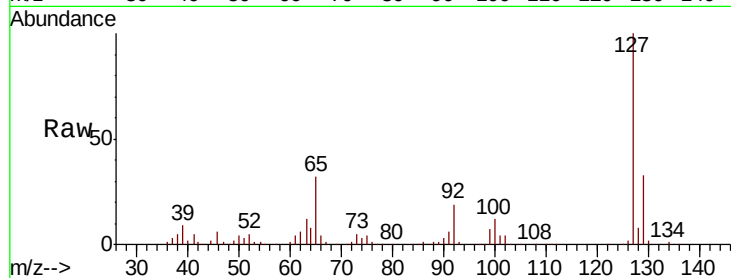
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 31.9 24.4 36.6

92 19.1 15.4 23.2

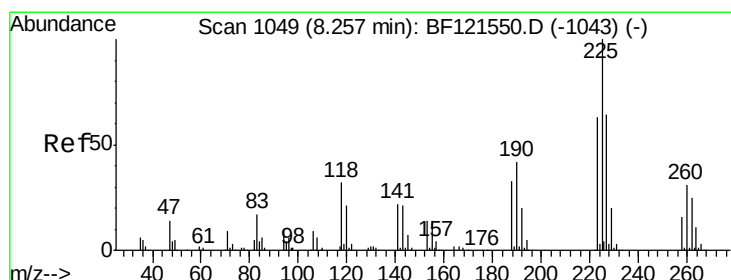
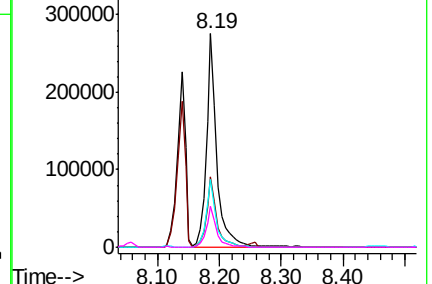
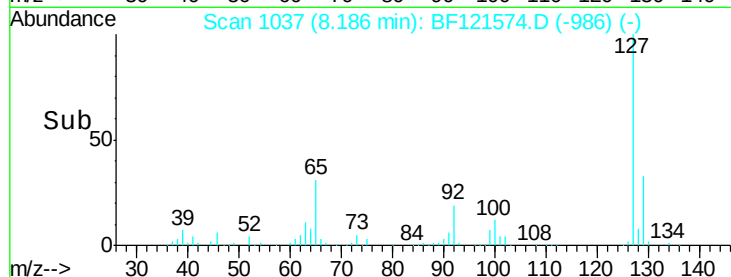


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.322 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

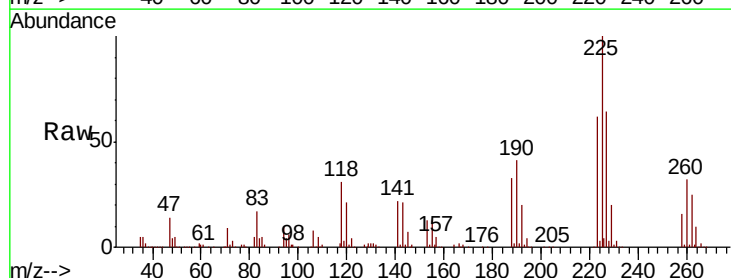
Tgt Ion:225 Resp: 286602

Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.2

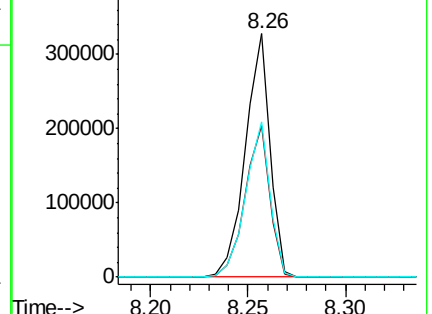
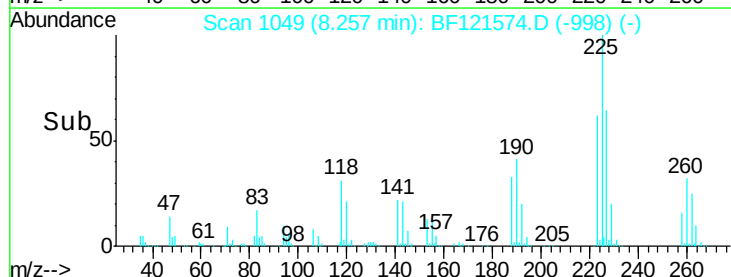
227 63.7 51.0 76.4

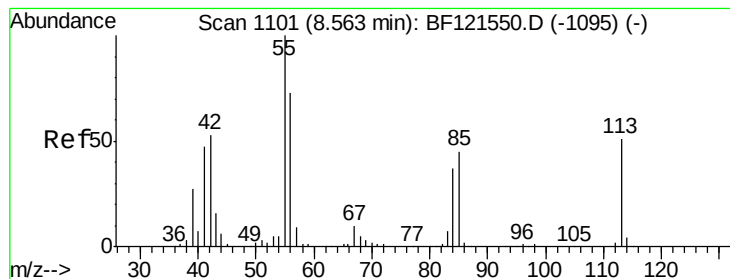


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.844 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

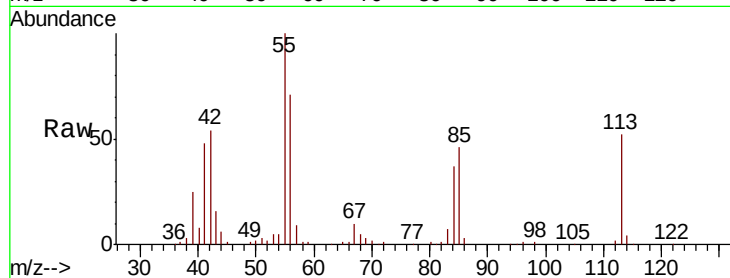
Tot Ion:113 Resp: 95129

Ion Ratio Lower Upper

113 100

55 193.4 176.2 216.2

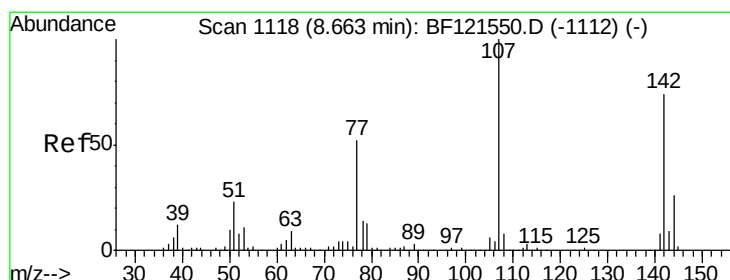
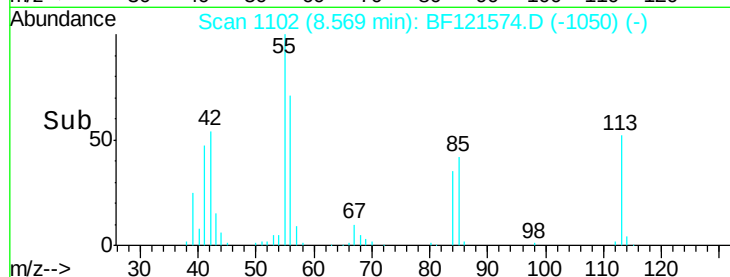
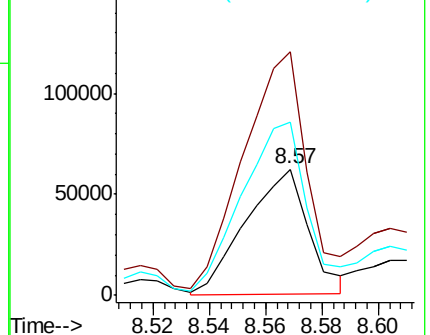
56 137.7 123.9 163.9



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: 41.186 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

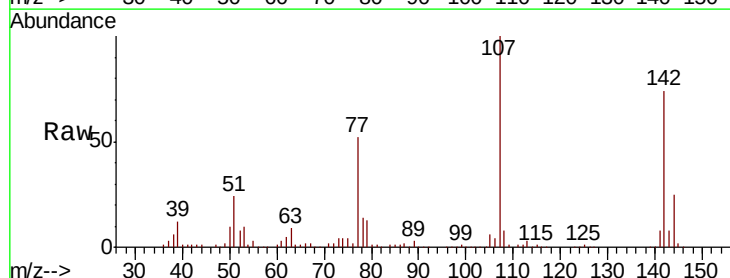
Tgt Ion:107 Resp: 510144

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

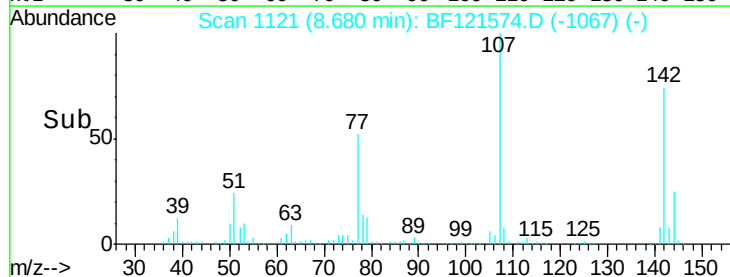
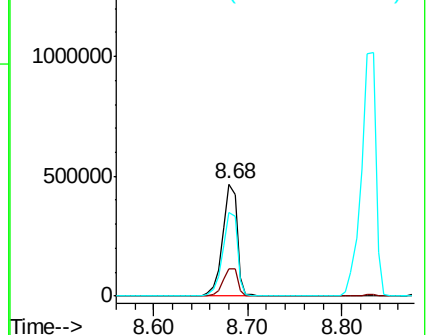
142 74.4 59.5 89.3

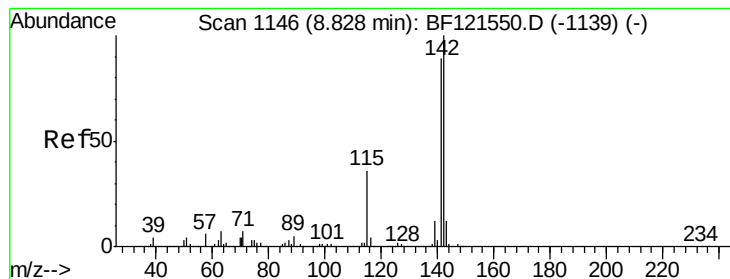


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.123 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

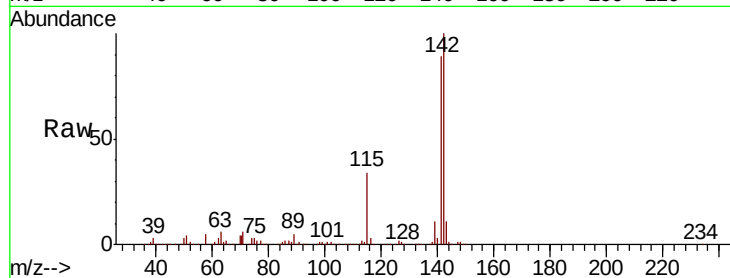
Tot Ion:142 Resp: 1099214

Ion Ratio Lower Upper

142 100

141 88.5 71.5 107.3

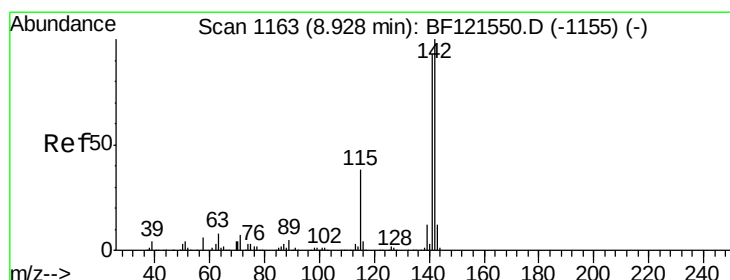
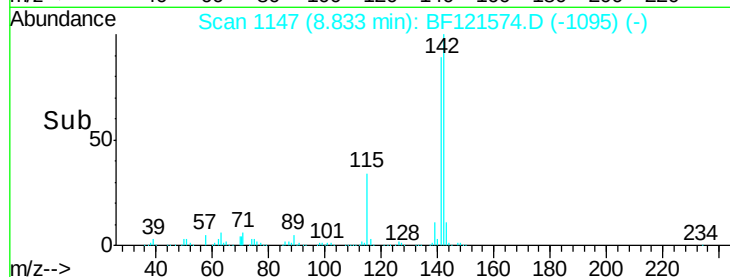
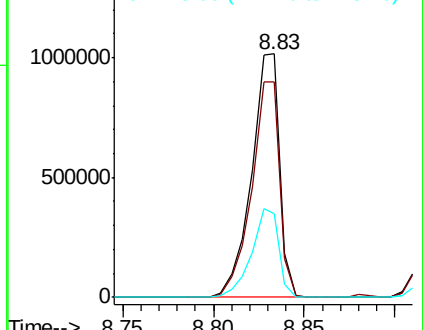
115 34.3 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.668 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

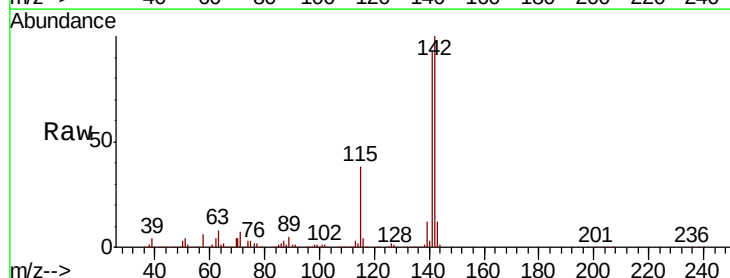
Tgt Ion:142 Resp: 1036250

Ion Ratio Lower Upper

142 100

141 92.9 74.8 112.2

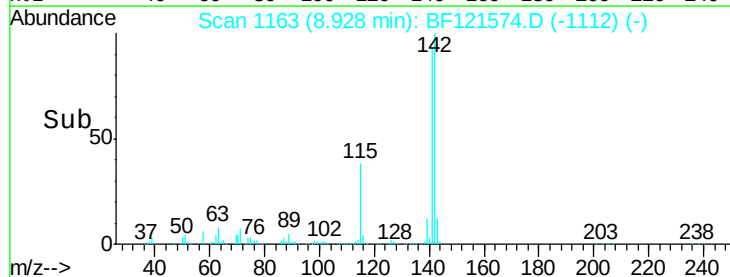
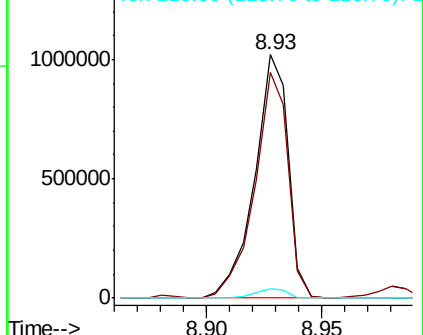
116 4.1 3.0 4.6

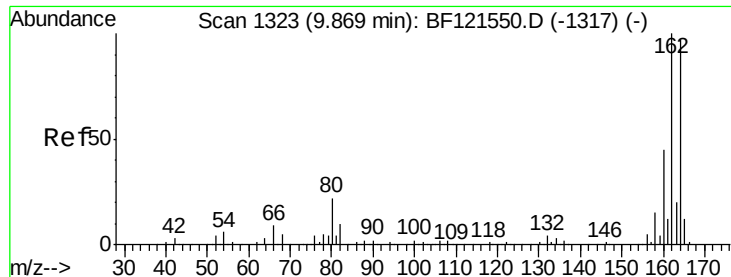


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

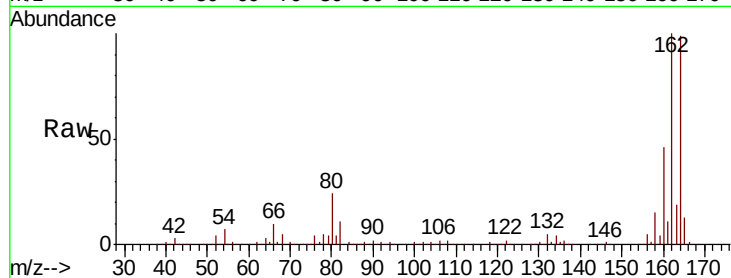




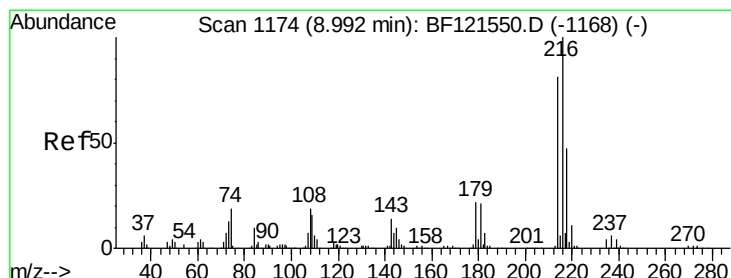
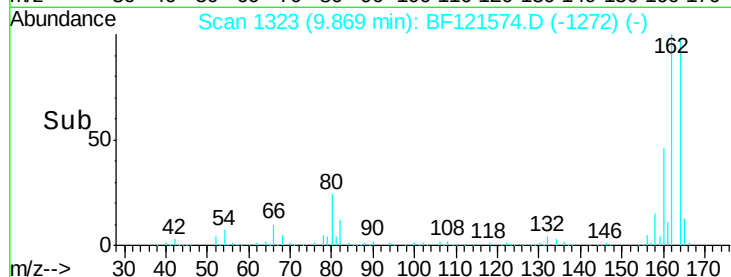
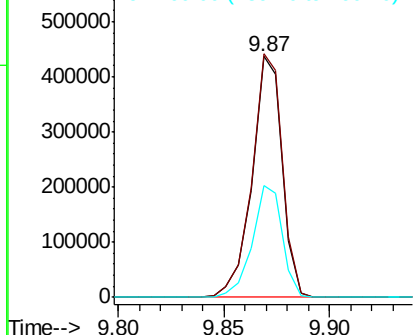
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:164 Resp: 432868
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 46.4 37.0 55.4

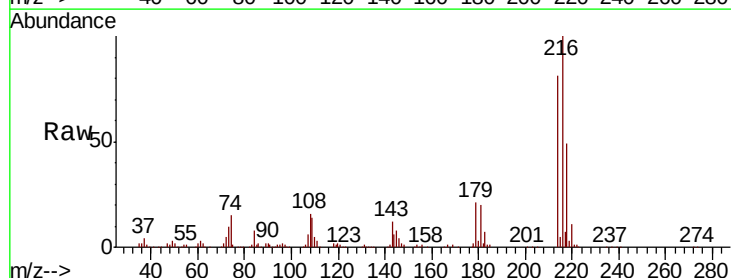


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

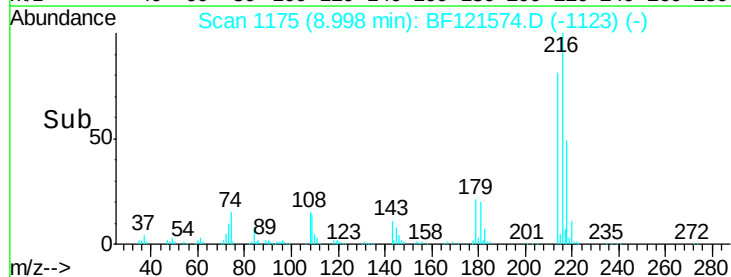
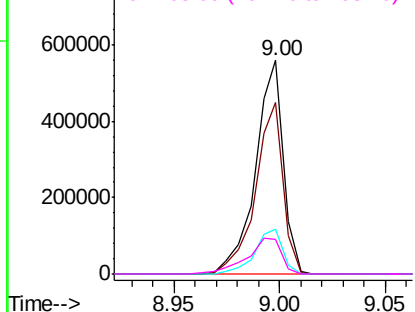


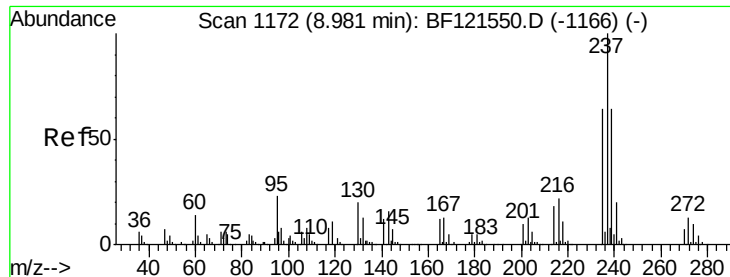
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.884 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:216 Resp: 512250
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 21.0 16.6 25.0
108 20.7 15.8 23.6



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

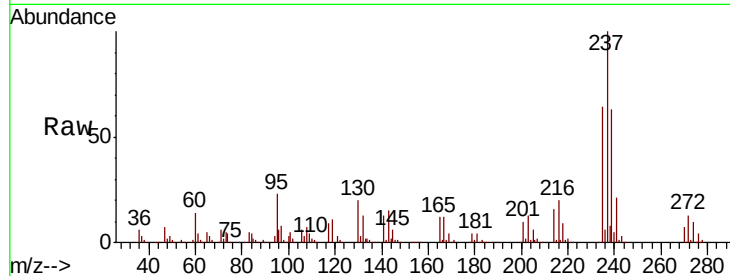




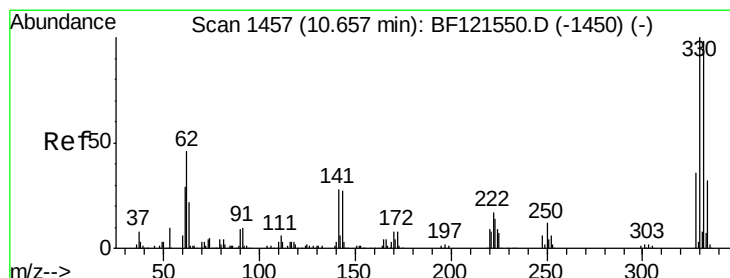
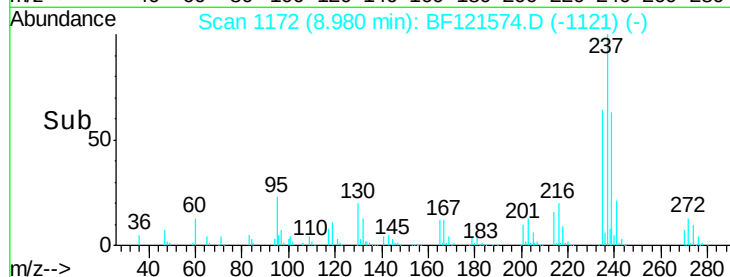
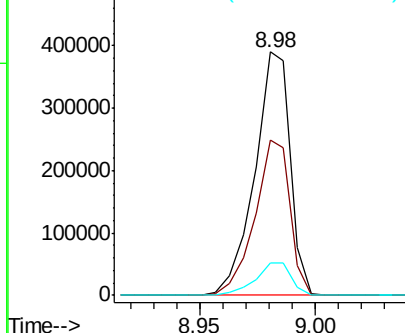
#41
Hexachlorocyclopentadiene
Concen: 54.183 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:237 Resp: 418388
Ion Ratio Lower Upper
237 100
235 63.7 44.0 84.0
272 13.2 0.0 33.4

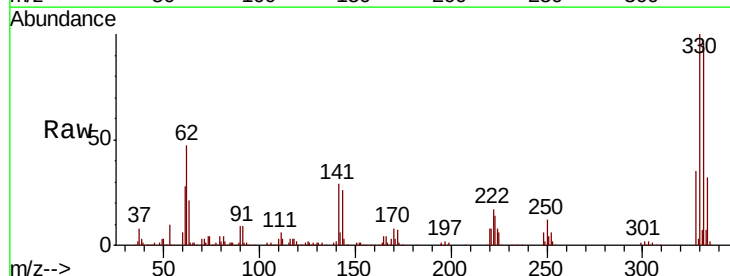


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

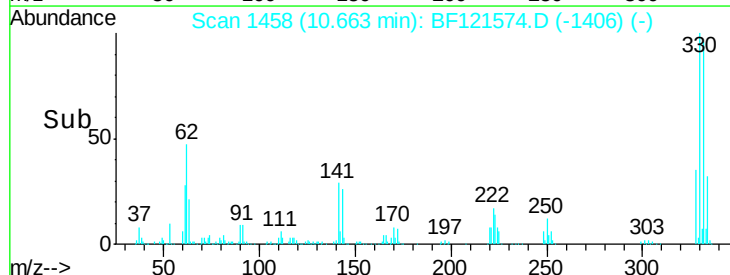
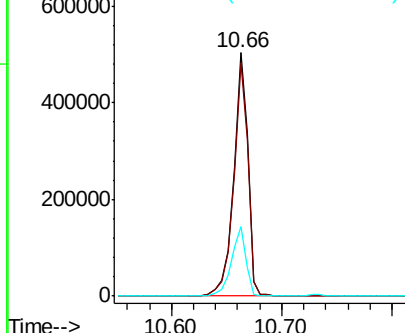


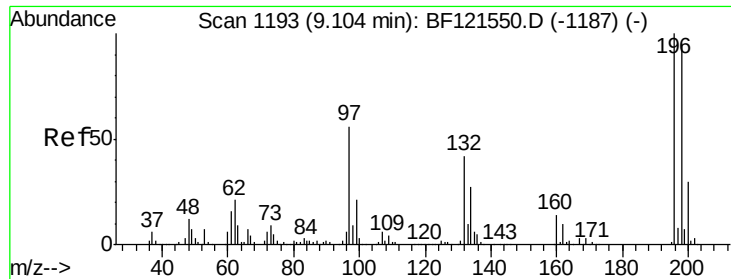
#42
2,4,6-Tribromophenol
Concen: 85.021 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:330 Resp: 457410
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.1 23.6 35.4



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

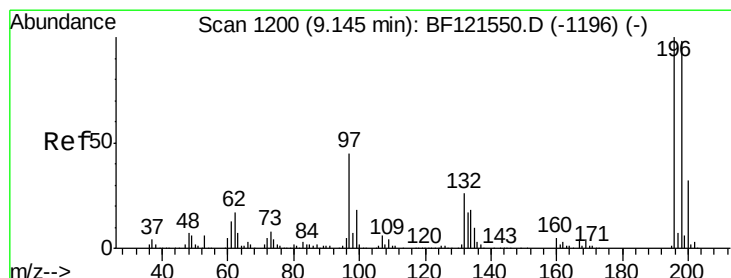
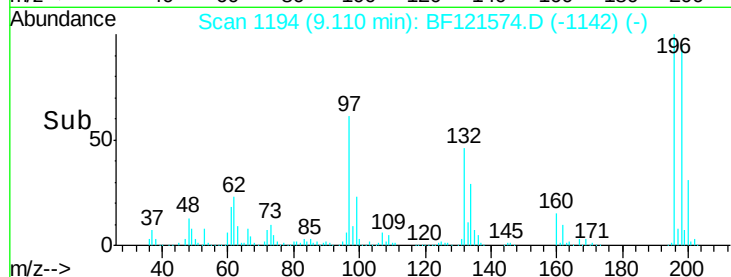
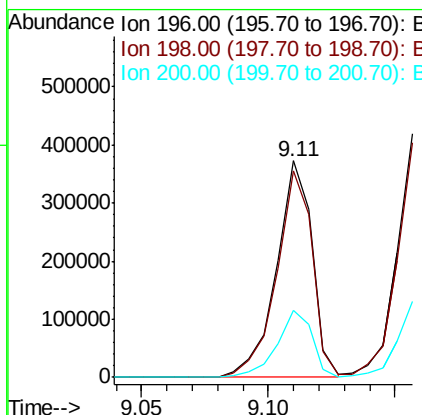
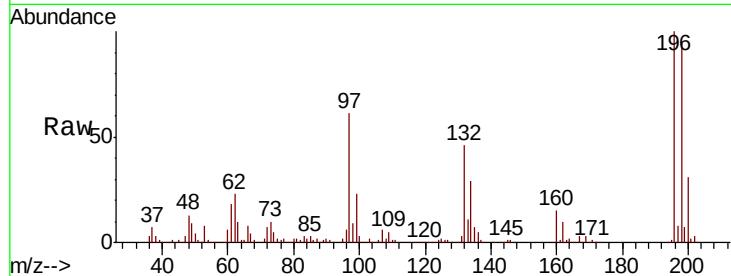




#43
 2,4,6-Trichlorophenol
 Concen: 39.581 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

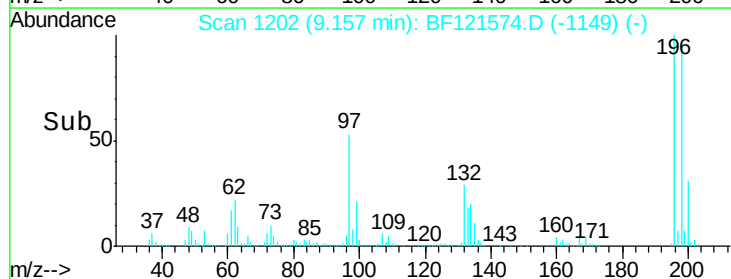
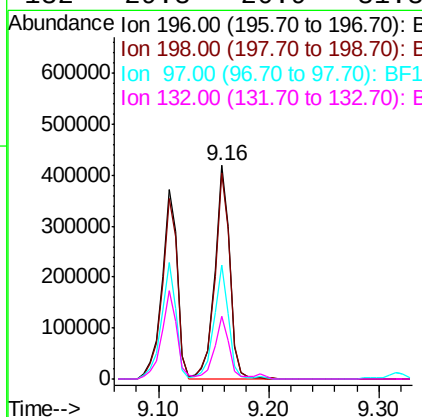
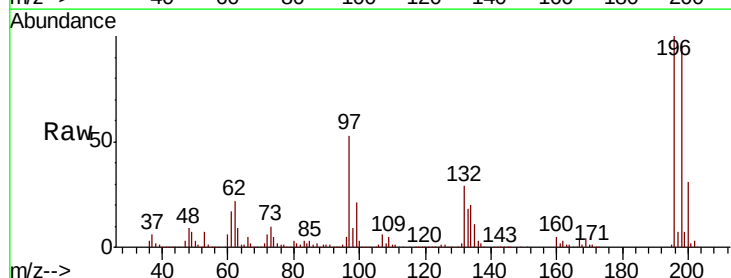
Instrument :
 BNA_F
 ClientSampled :
 357MSD

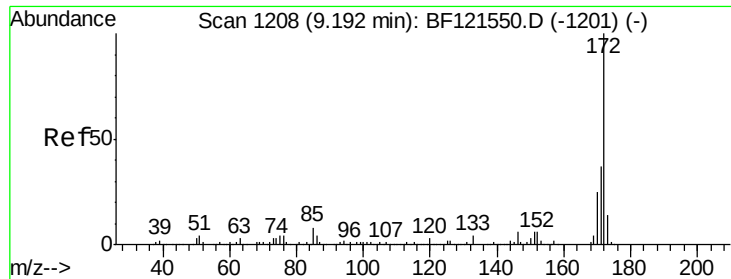
Tot Ion:196	Resp:	364795
Ion Ratio	Lower	Upper
196	100	
198	95.0	75.6 113.4
200	30.7	24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.088 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:196	Resp:	390588
Ion Ratio	Lower	Upper
196	100	
198	96.4	78.1 117.1
97	53.2	36.8 55.2
132	29.3	20.9 31.3

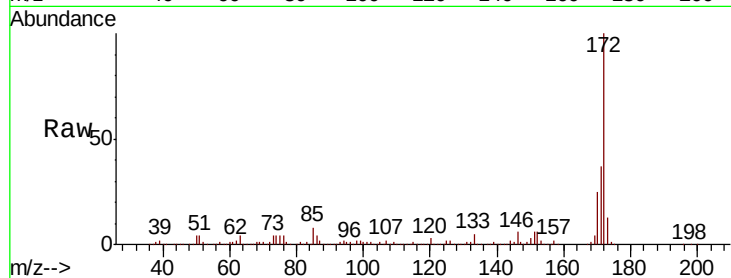




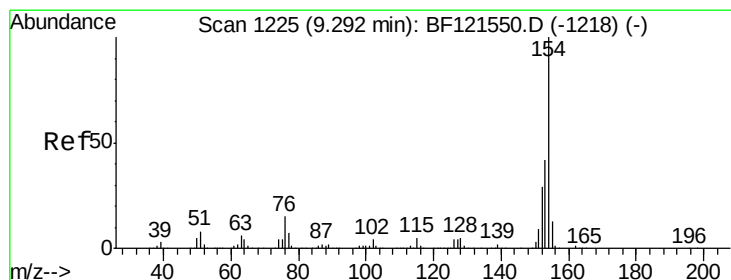
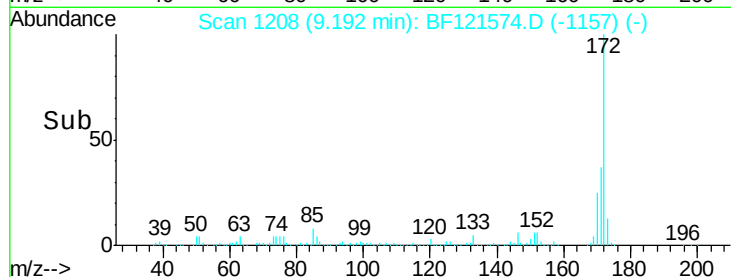
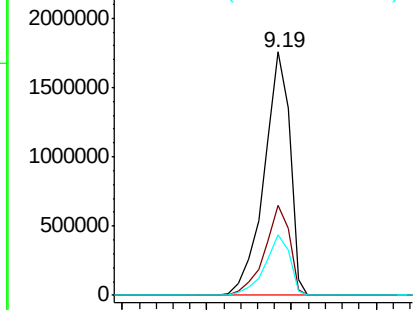
#45
 2-Fluorobiphenyl
 Concen: 64.838 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion:172 Resp: 1853121
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.7 19.8 29.8

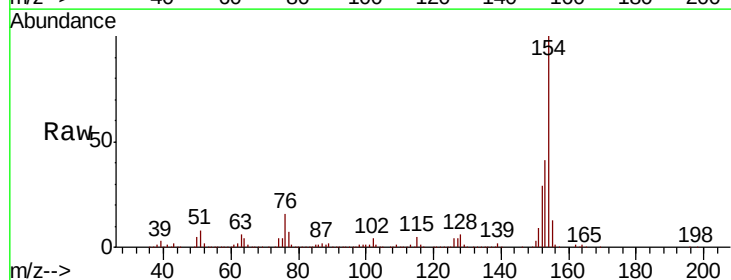


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

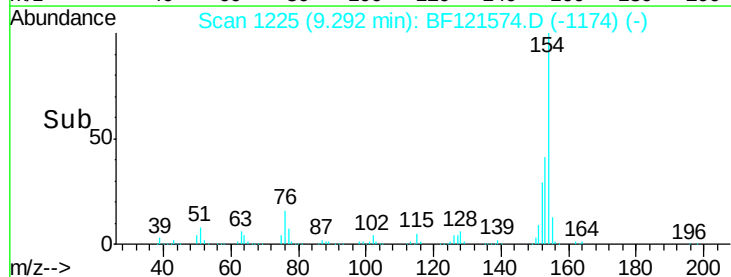
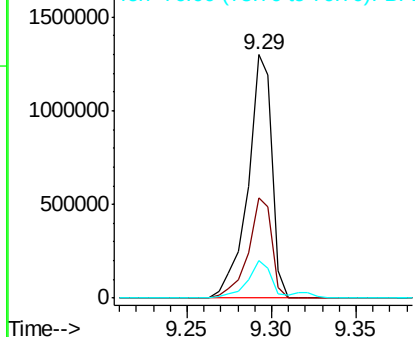


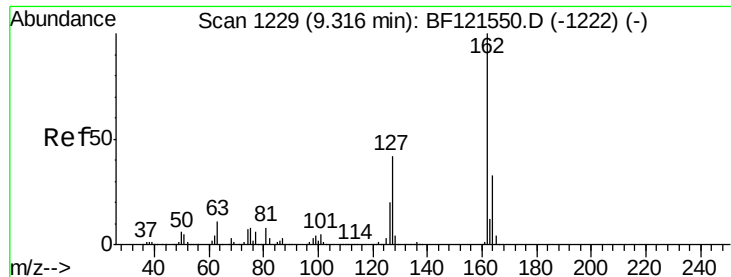
#46
 1,1'-Biphenyl
 Concen: 37.280 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:154 Resp: 1291912
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.7 61.7
 76 15.7 0.0 35.5



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

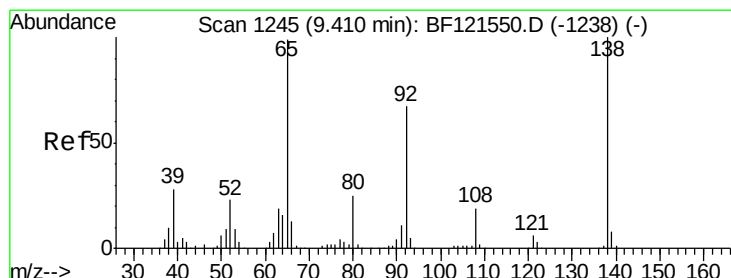
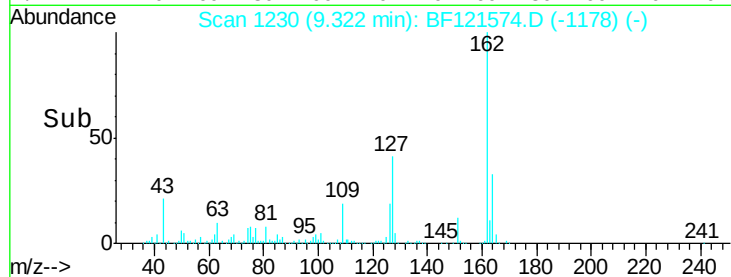
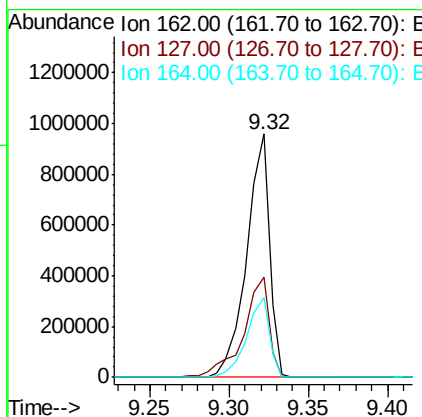
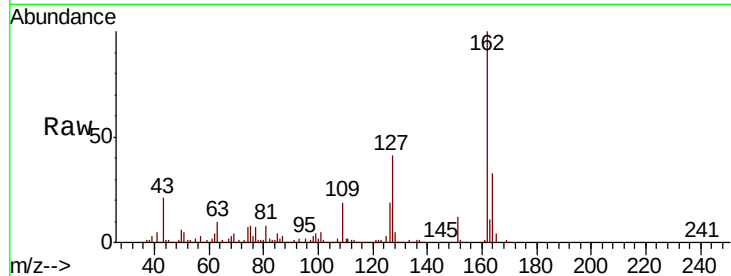




#47
 2-Chloronaphthalene
 Concen: 34.981 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

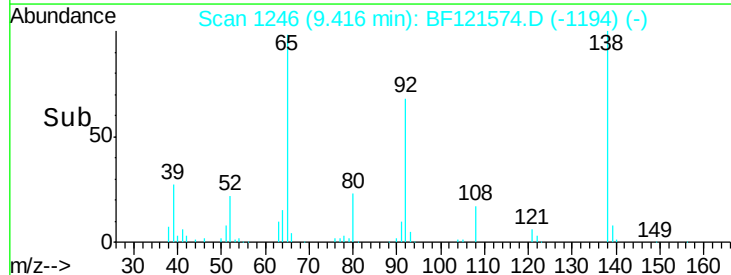
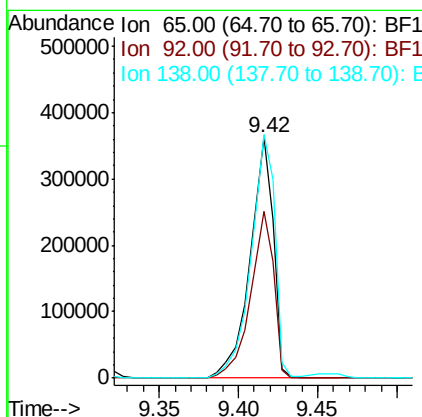
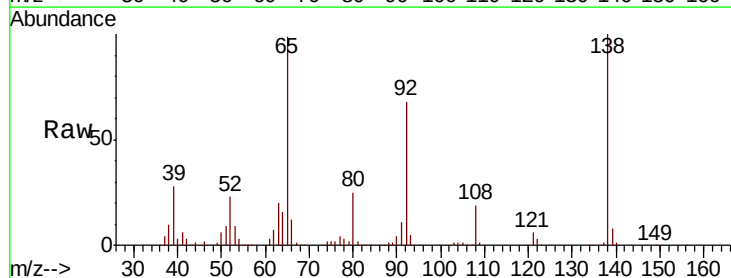
Instrument :
 BNA_F
 ClientSampleId :
 357MSD

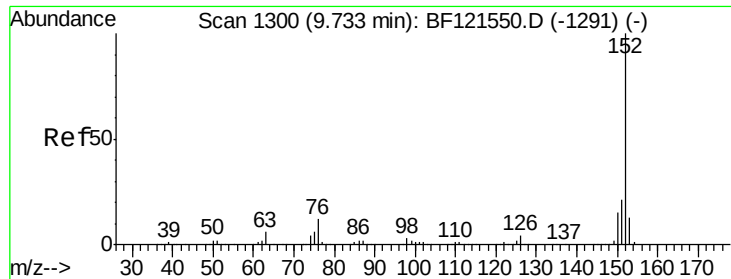
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	32.9	26.7	40.1



#48
 2-Nitroaniline
 Concen: 43.295 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.2	81.4
138	101.3	80.8	121.2





#49

Acenaphthylene

Concen: 38.689 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

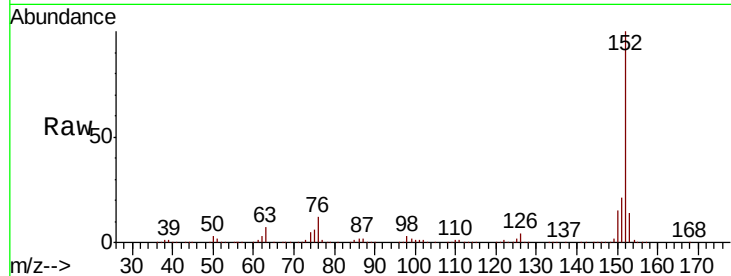
Tot Ion:152 Resp: 1623327

Ion Ratio Lower Upper

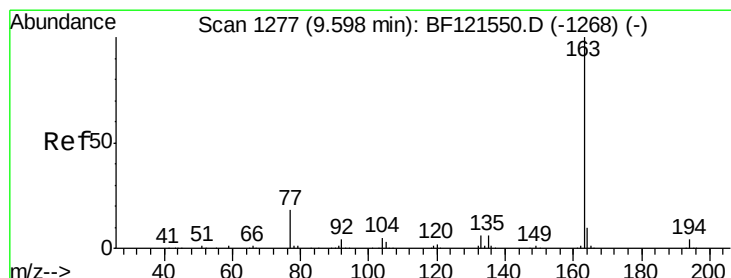
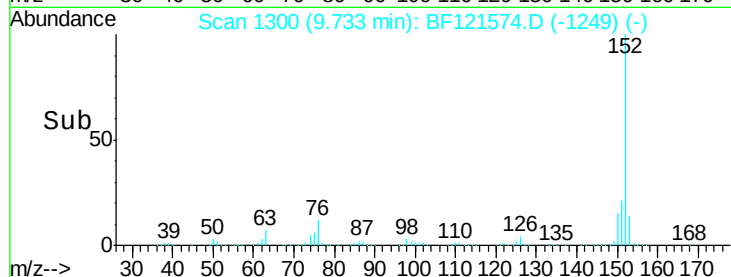
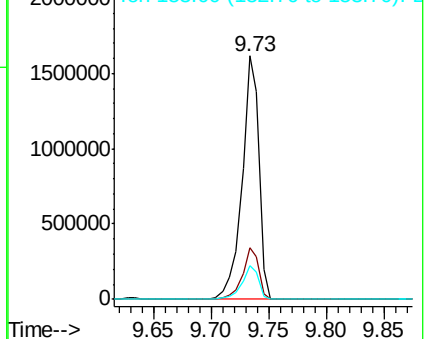
152 100

151 21.0 16.6 24.8

153 13.7 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: 52.024 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

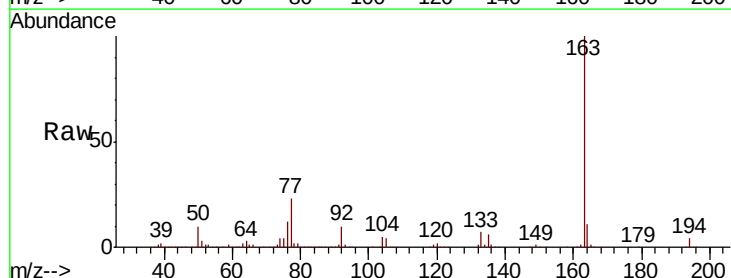
Tgt Ion:163 Resp: 1632183

Ion Ratio Lower Upper

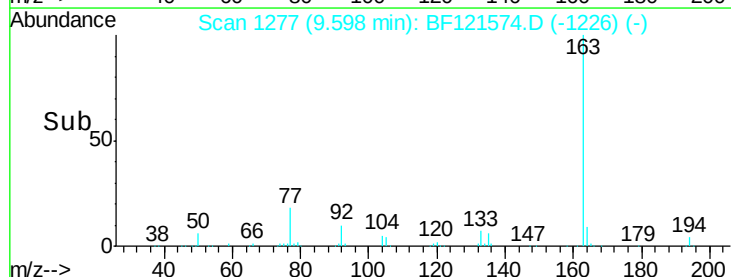
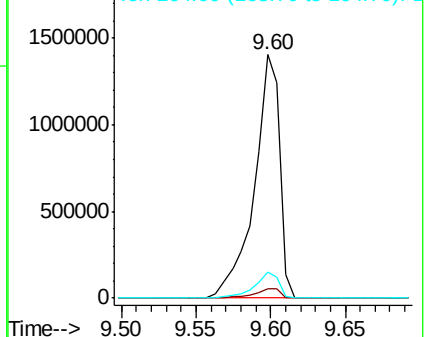
163 100

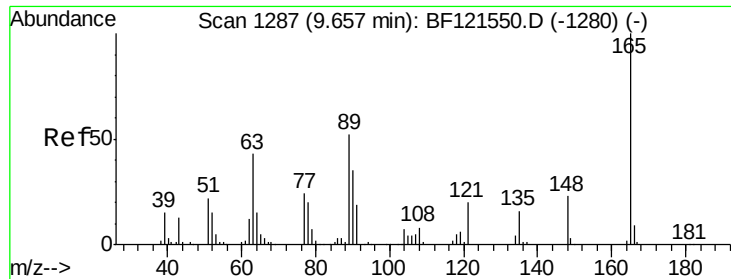
194 4.0 3.4 5.0

164 10.7 7.9 11.9



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: 43.219 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

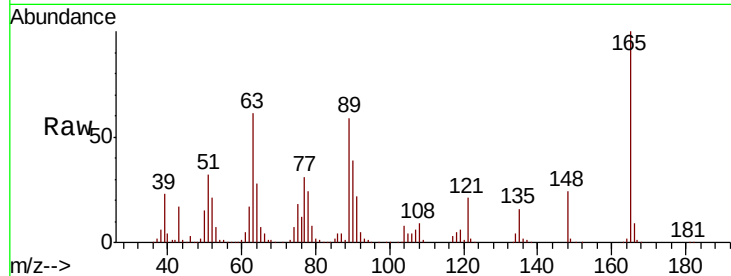
Tot Ion:165 Resp: 288767

Ion Ratio Lower Upper

165 100

63 61.0 40.6 61.0#

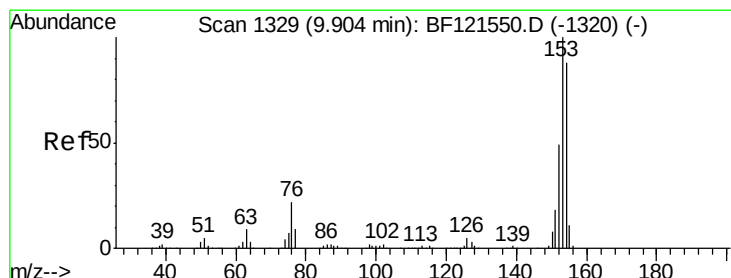
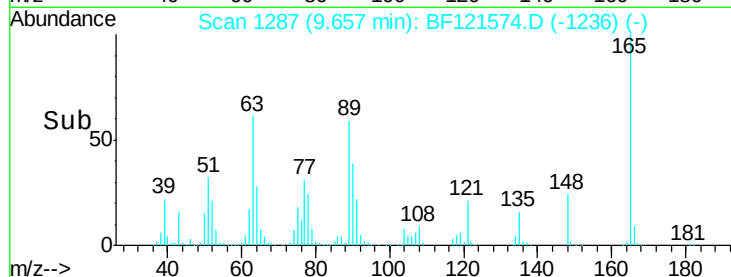
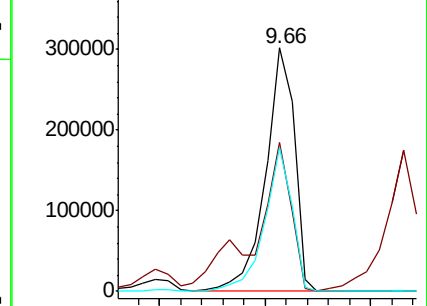
89 58.9 41.8 62.8



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: 36.973 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

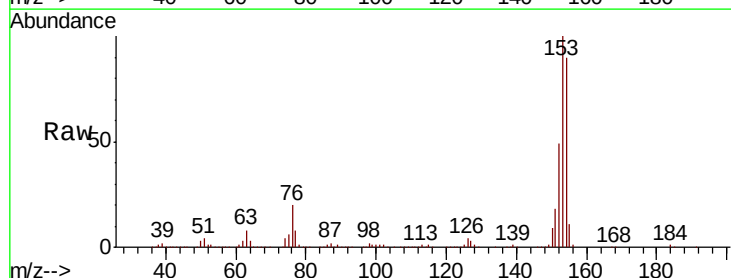
Tgt Ion:154 Resp: 979838

Ion Ratio Lower Upper

154 100

153 111.4 91.0 136.4

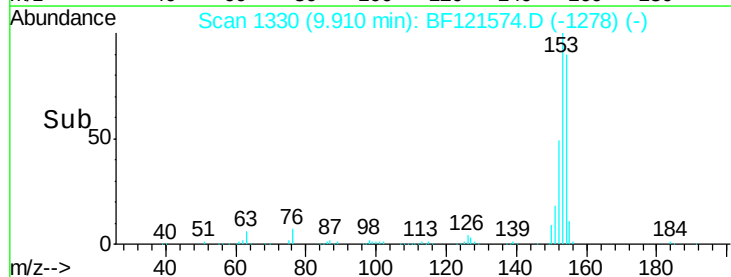
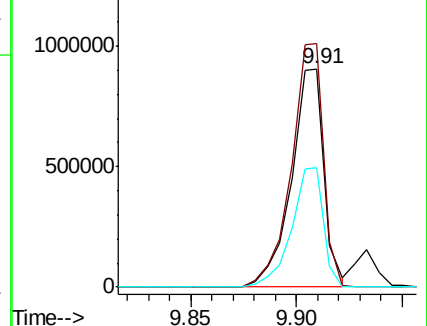
152 54.5 44.2 66.2

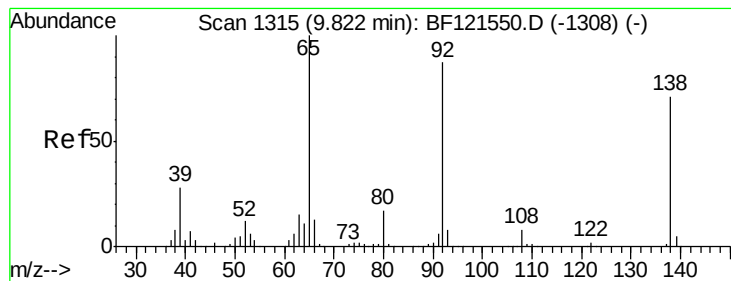


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.273 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

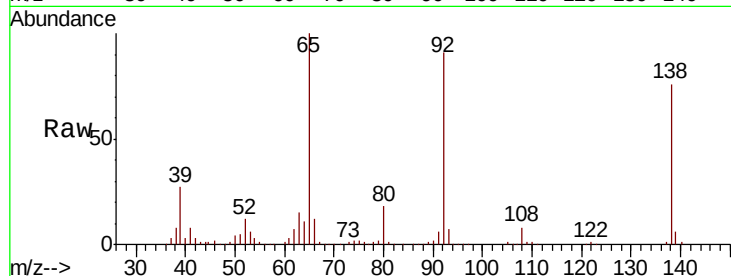
Tot Ion:138 Resp: 203354

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.6

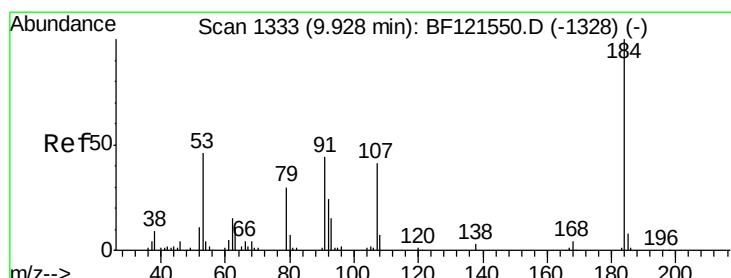
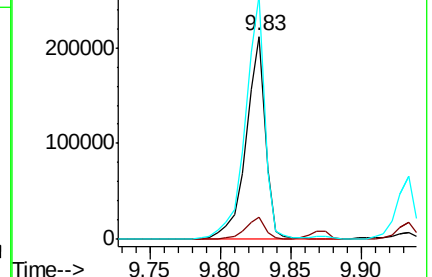
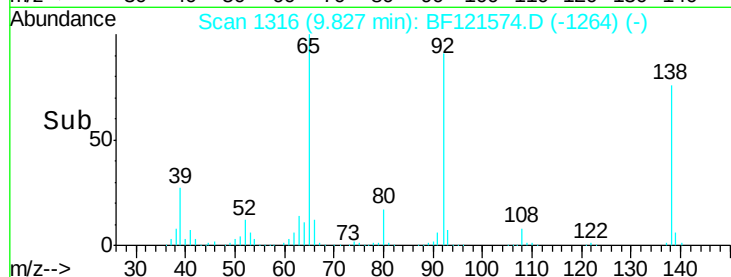
92 120.0 97.4 146.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 61.168 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

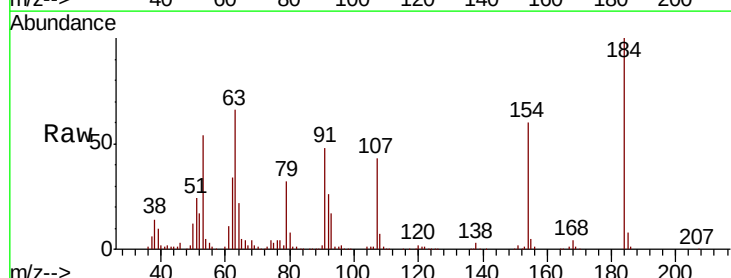
Tgt Ion:184 Resp: 226468

Ion Ratio Lower Upper

184 100

63 66.5 47.7 71.5

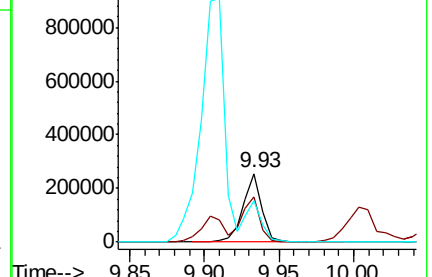
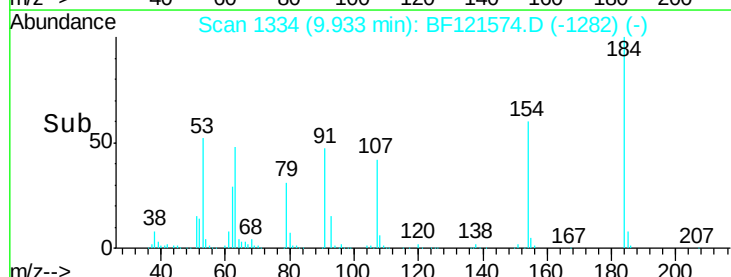
154 60.1 47.2 70.8

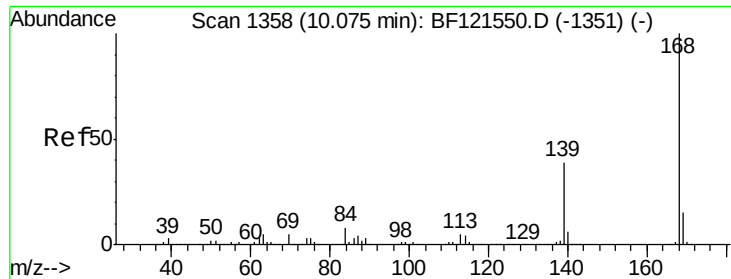


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.273 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

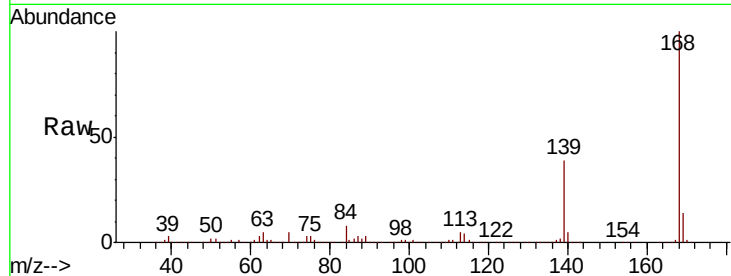
Tot Ion:168 Resp: 1428389

Ion Ratio Lower Upper

168 100

139 39.2 31.4 47.0

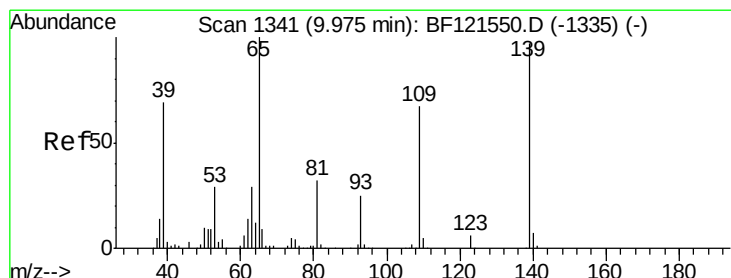
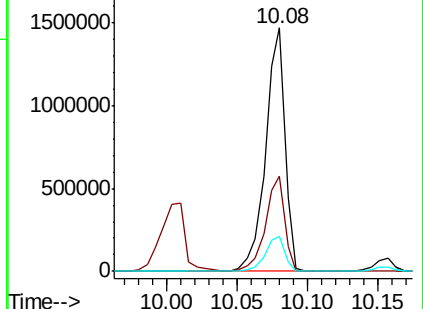
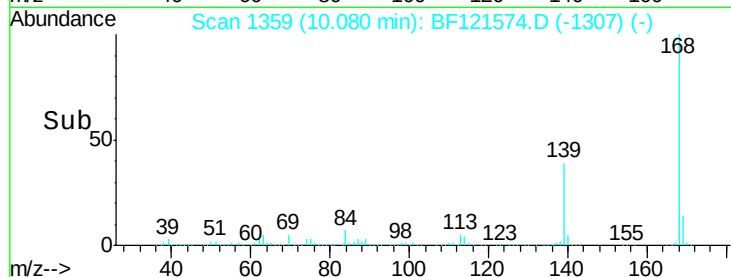
169 14.2 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.090 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.04 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

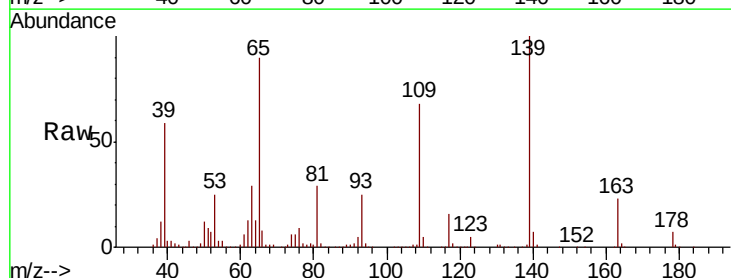
Tgt Ion:139 Resp: 500552

Ion Ratio Lower Upper

139 100

109 68.2 48.8 88.8

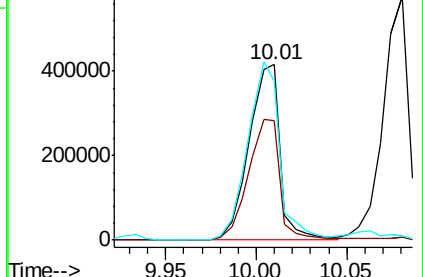
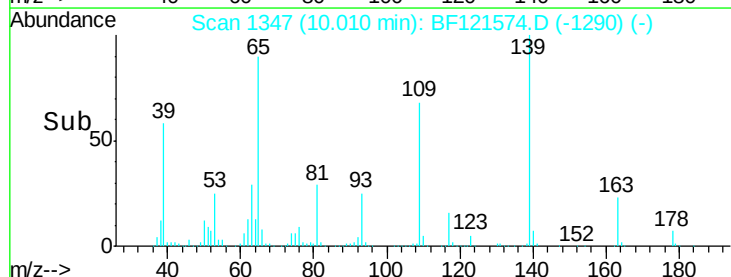
65 90.5 83.6 123.6

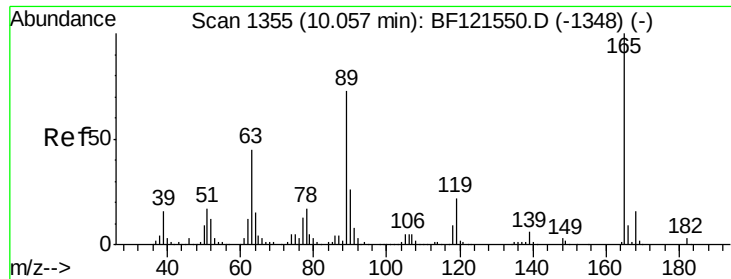


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

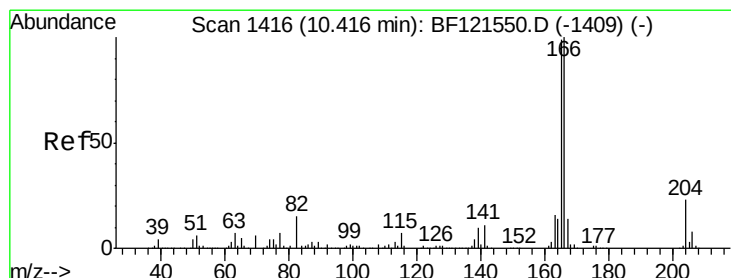
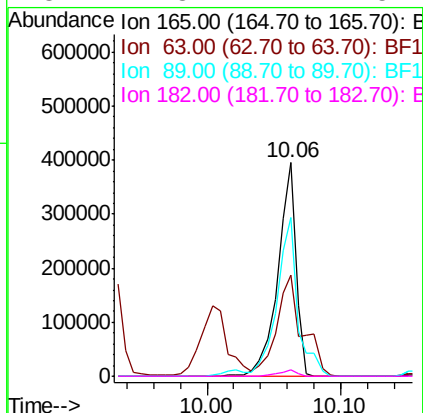
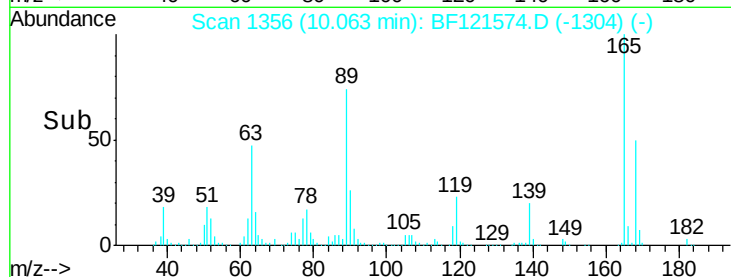
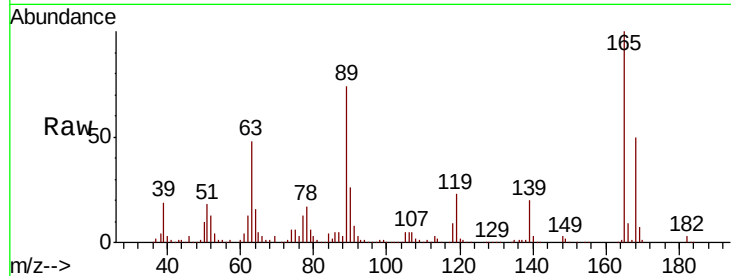




#57
 2,4-Dinitrotoluene
 Concen: 45.520 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

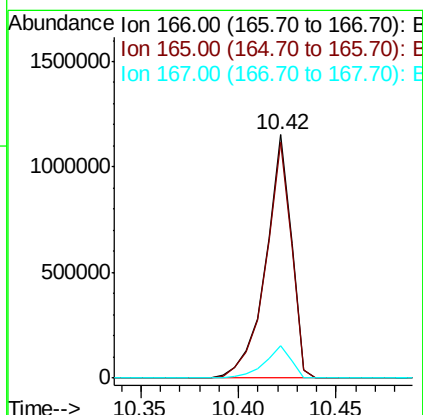
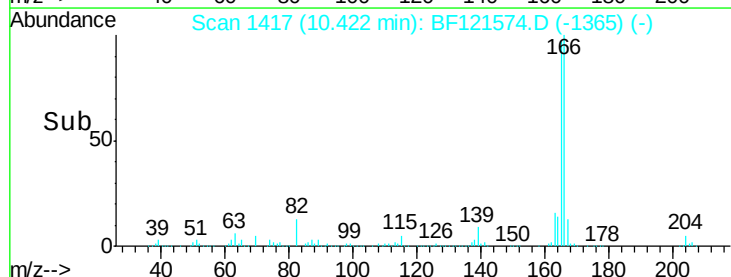
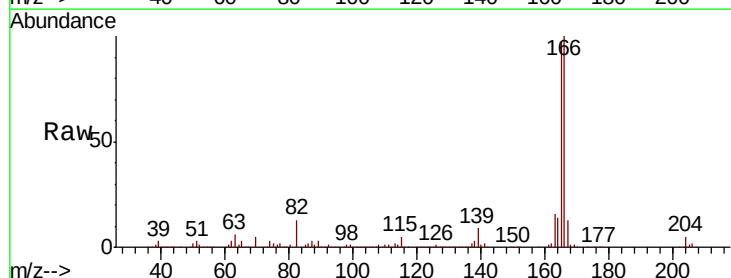
Instrument :
 BNA_F
 ClientSampleId :
 357MSD

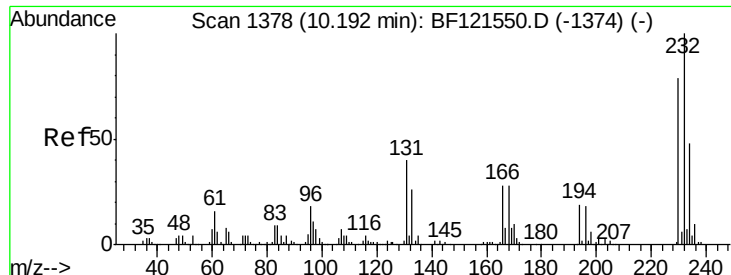
Tot Ion:165 Resp: 382630
 Ion Ratio Lower Upper
 165 100
 63 47.6 36.2 54.4
 89 74.3 58.2 87.4
 182 2.8 2.2 3.2



#58
 Fluorene
 Concen: 36.681 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:166 Resp: 1046876
 Ion Ratio Lower Upper
 166 100
 165 96.9 79.0 118.4
 167 13.5 11.0 16.6

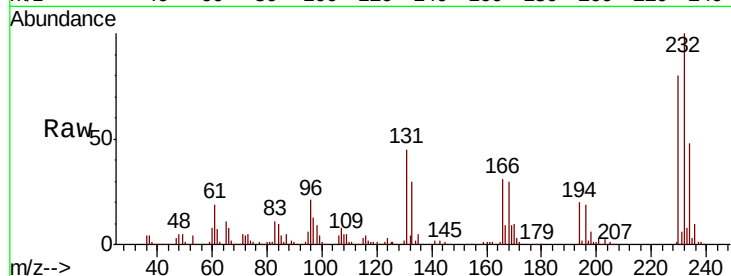




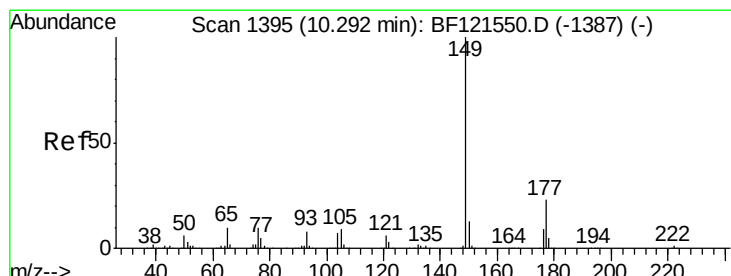
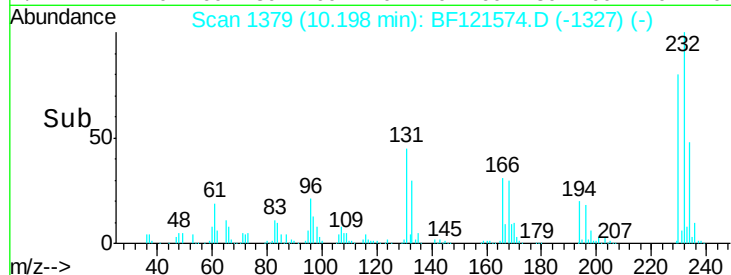
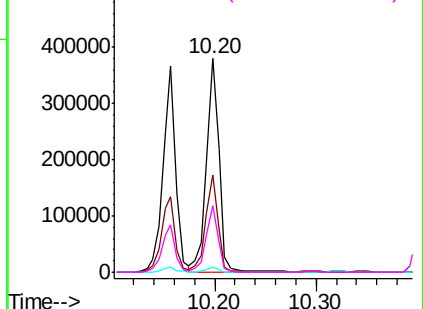
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.076 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion:	232	Resp:	325362
Ion	Ratio	Lower	Upper
232	100		
131	44.1	36.3	54.5
130	2.3	1.9	2.9
166	29.3	23.9	35.9

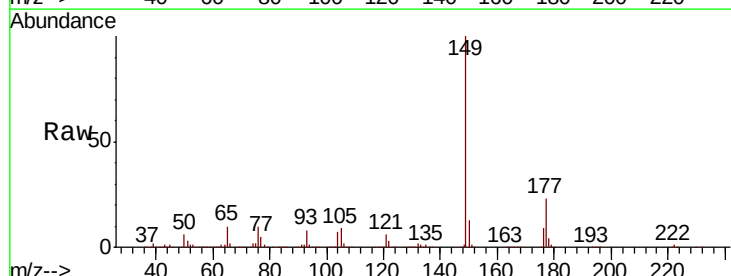


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

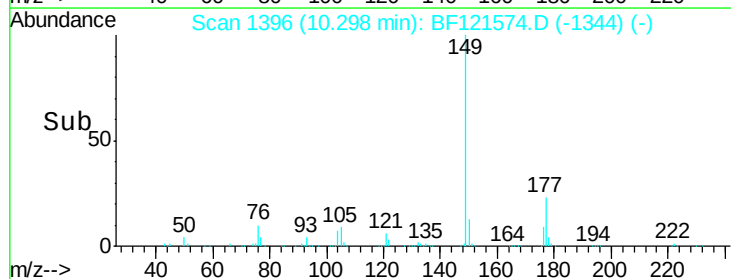
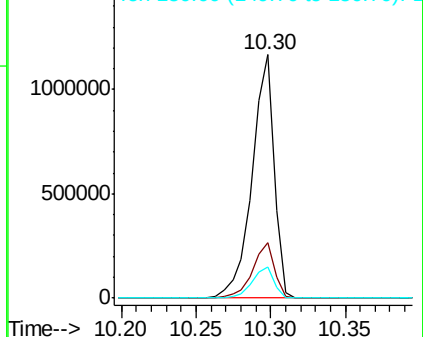


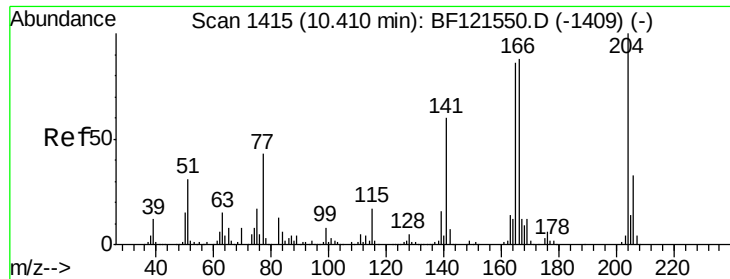
#60
 Diethylphthalate
 Concen: 38.628 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:	149	Resp:	1181568
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.7	10.2	15.2



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

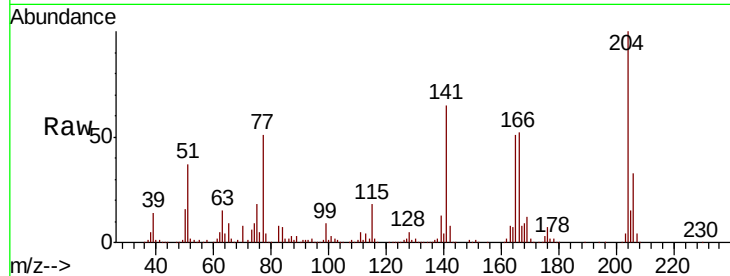




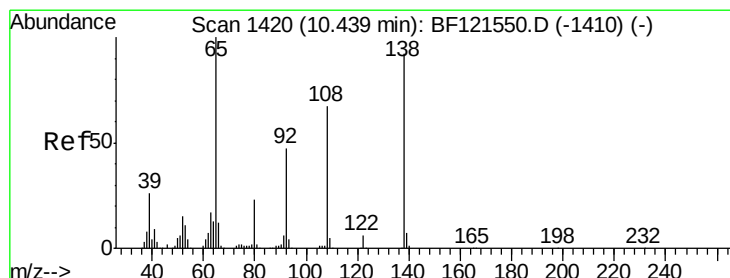
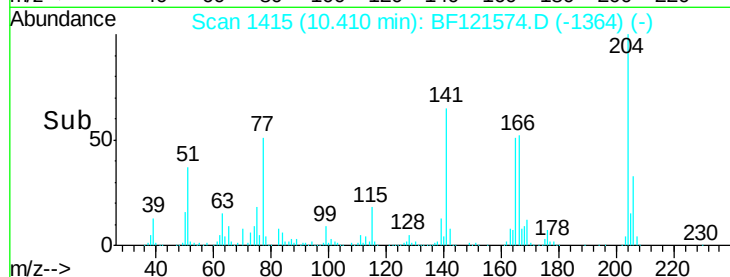
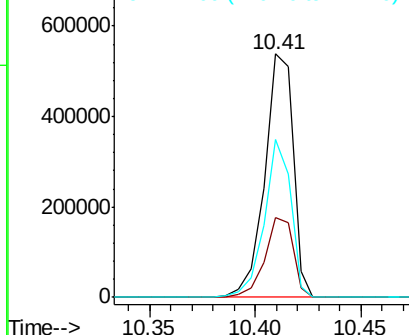
#61
4-Chlorophenyl-phenylether
Concen: 37.059 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampled :
357MSD

Tot Ion:204 Resp: 506661
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 64.9 48.3 72.5

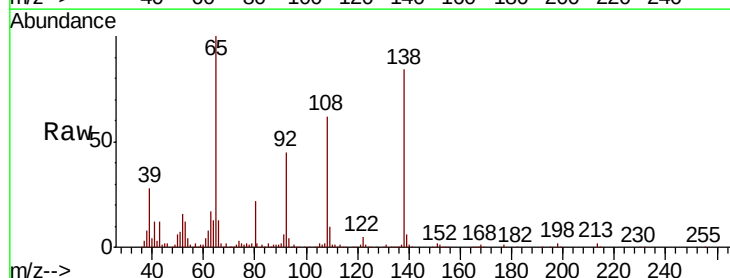


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

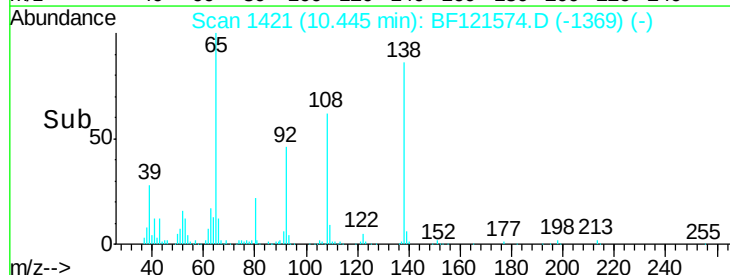
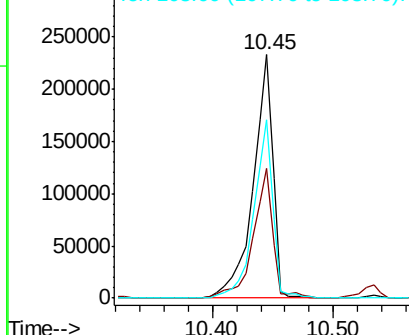


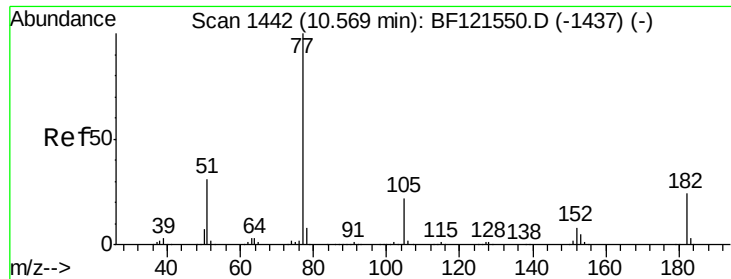
#62
4-Nitroaniline
Concen: 34.667 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:138 Resp: 266422
Ion Ratio Lower Upper
138 100
92 53.3 31.4 71.4
108 73.0 52.4 92.4



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: 36.594 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

Tot Ion: 77 Resp: 1192030

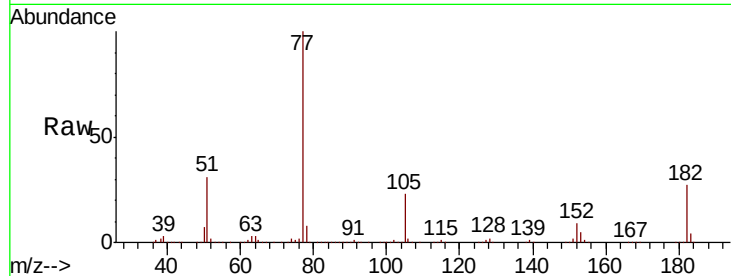
Ion Ratio Lower Upper

77 100

182 26.9 3.9 43.9

105 22.5 2.2 42.2

51 30.9 11.1 51.1

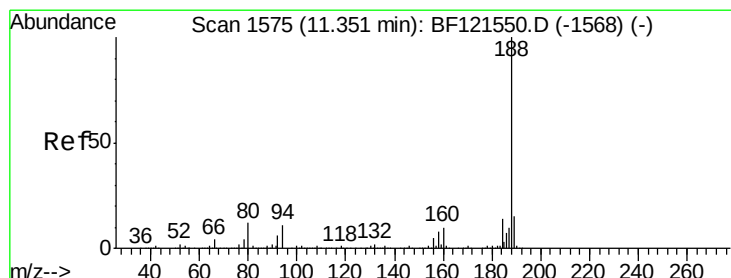
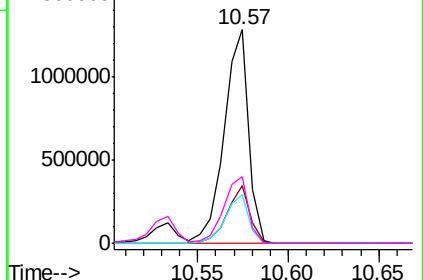
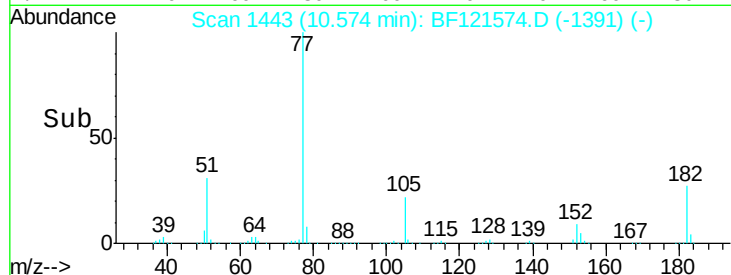


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

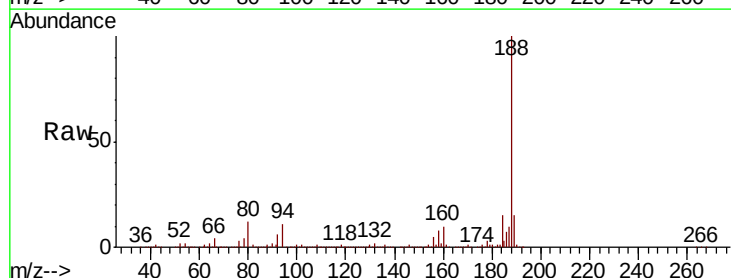
Tgt Ion: 188 Resp: 759224

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

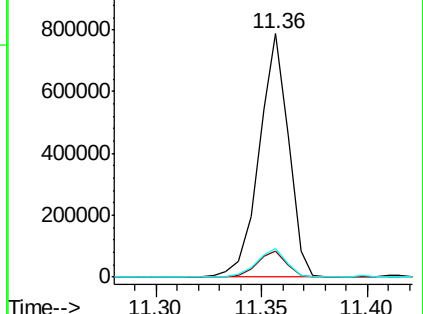
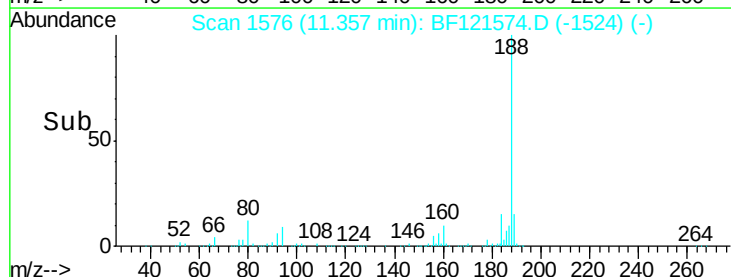
80 11.7 9.3 13.9

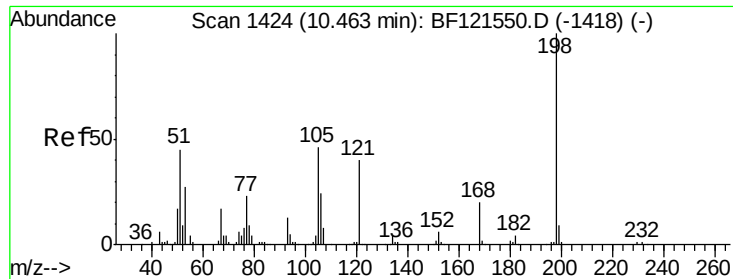


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

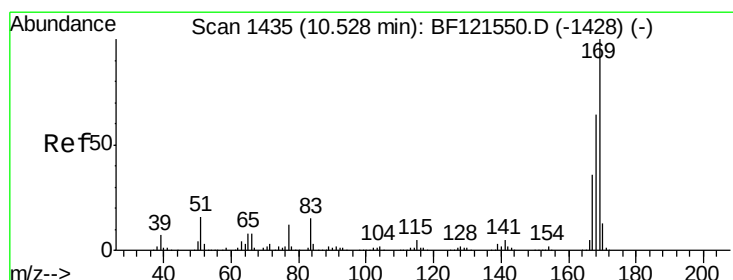
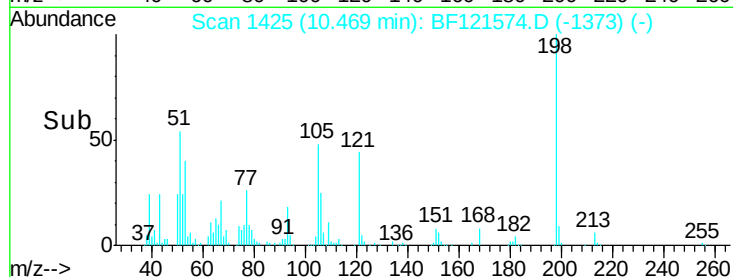
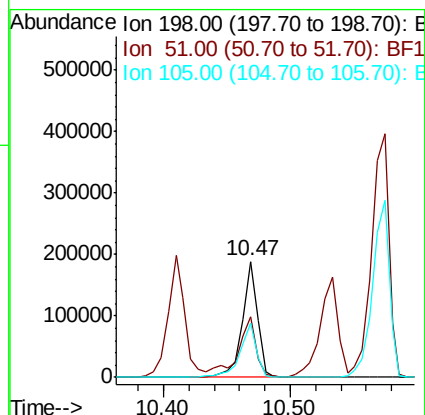
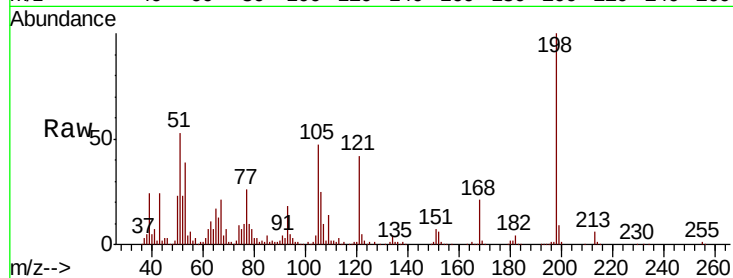




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.273 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

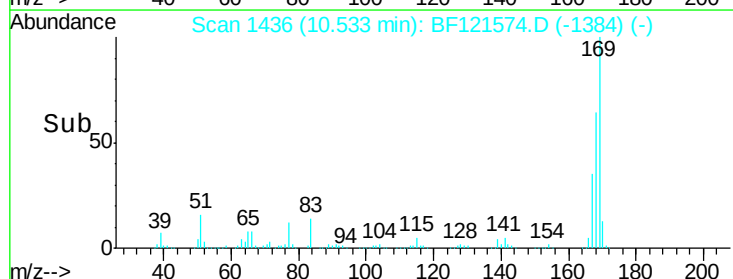
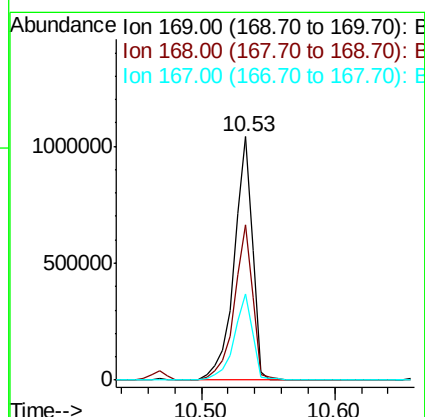
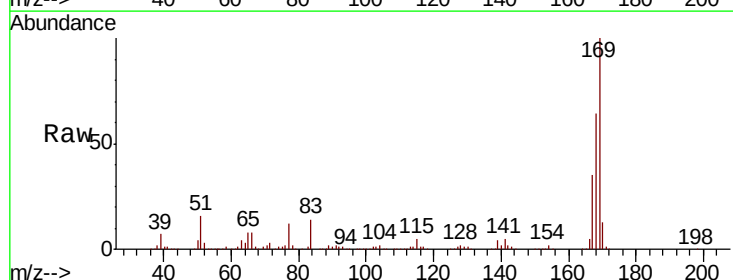
Instrument :
 BNA_F
 ClientSampleId :
 357MSD

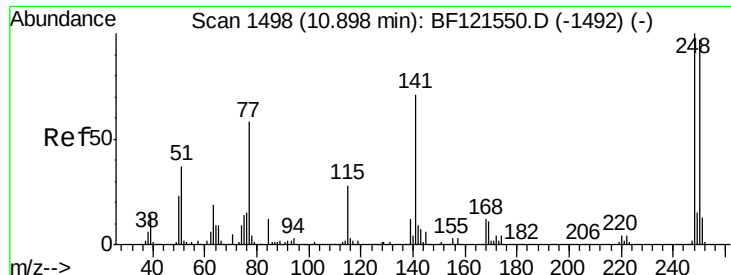
Tot Ion:198 Resp: 154458
 Ion Ratio Lower Upper
 198 100
 51 52.7 31.1 71.1
 105 46.7 26.6 66.6



#66
 n-Nitrosodiphenylamine
 Concen: 38.840 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:169 Resp: 1011667
 Ion Ratio Lower Upper
 169 100
 168 64.0 51.2 76.8
 167 35.4 28.9 43.3

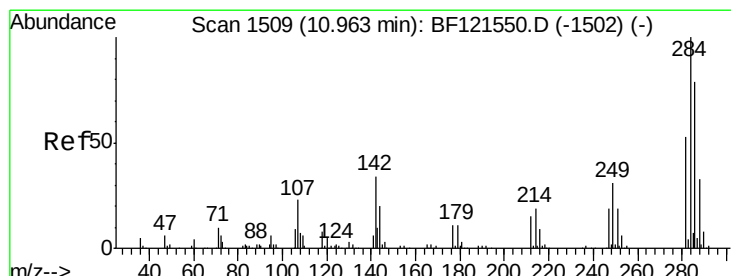
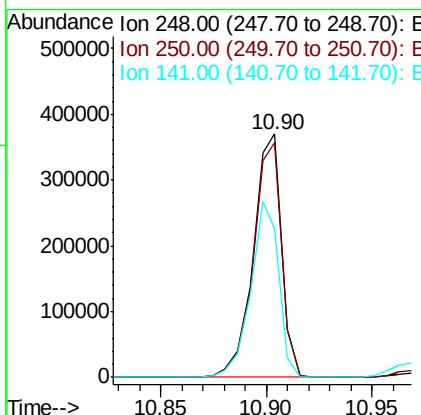
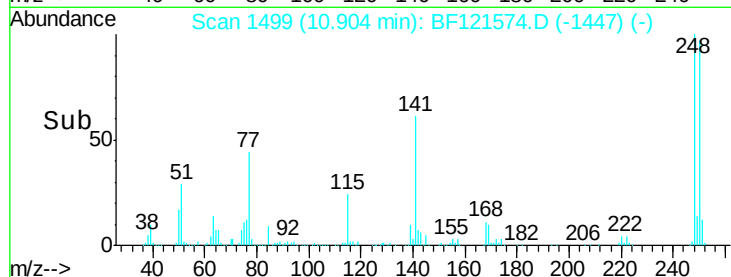
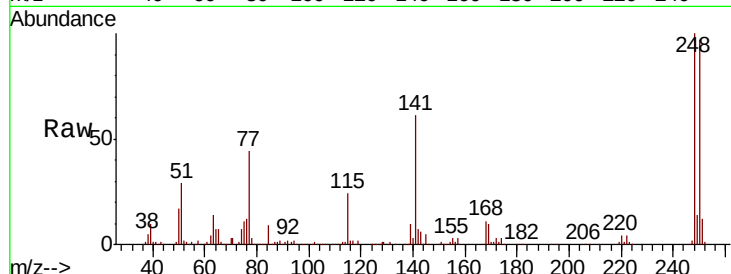




#67
 4-Bromophenyl-phenylether
 Concen: 39.927 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

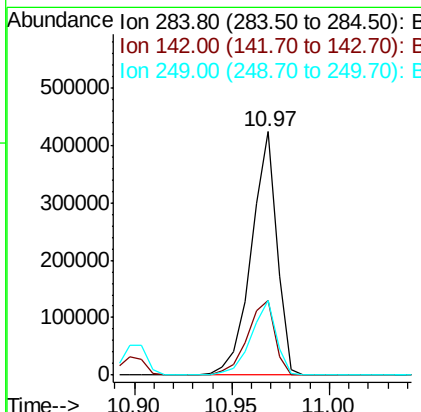
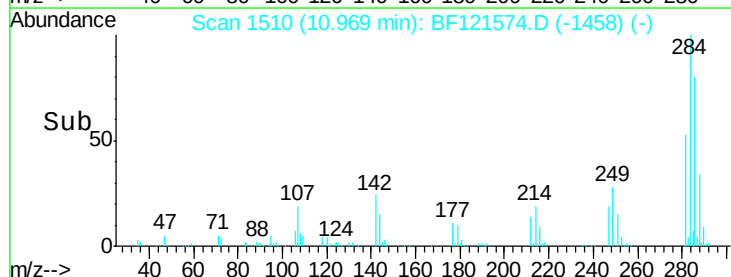
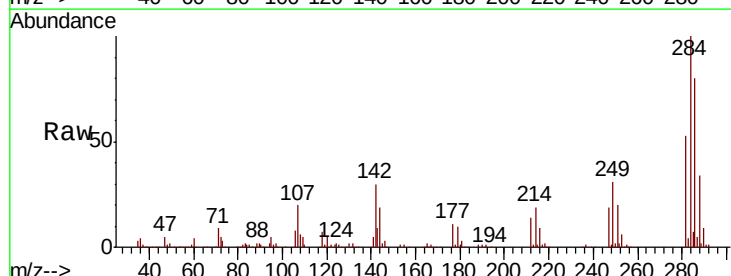
Instrument :
 BNA_F
 ClientSampled :
 357MSD

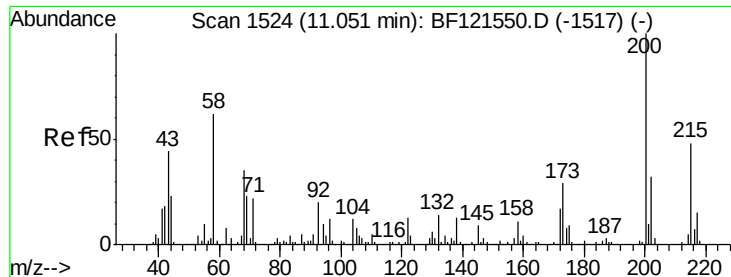
Tot Ion:	248	Resp:	345131
Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.0
141	61.0	56.7	85.1



#68
 Hexachlorobenzene
 Concen: 39.475 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:	284	Resp:	385084
Ion	Ratio	Lower	Upper
284	100		
142	30.4	27.0	40.4
249	30.7	24.7	37.1

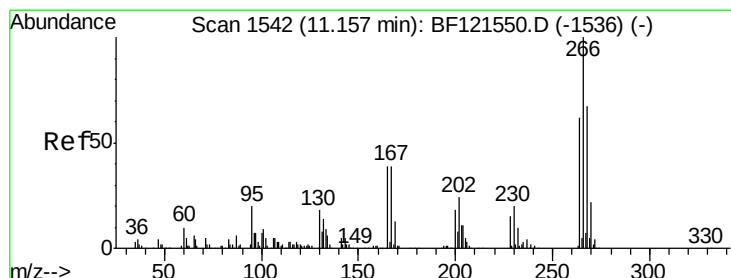
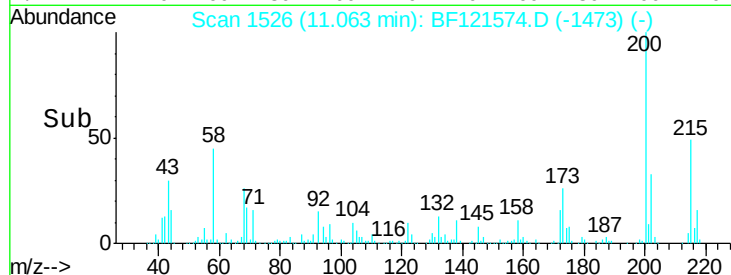
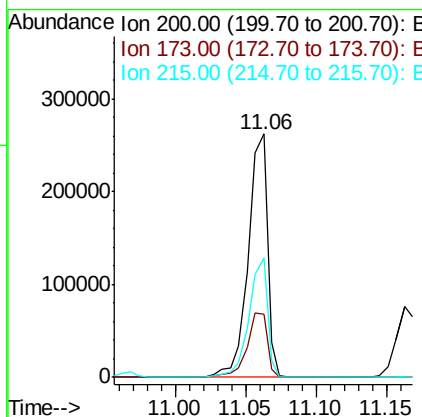
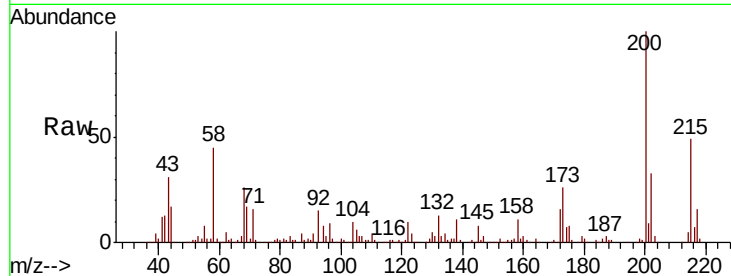




#69
Atrazine
Concen: 38.998 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

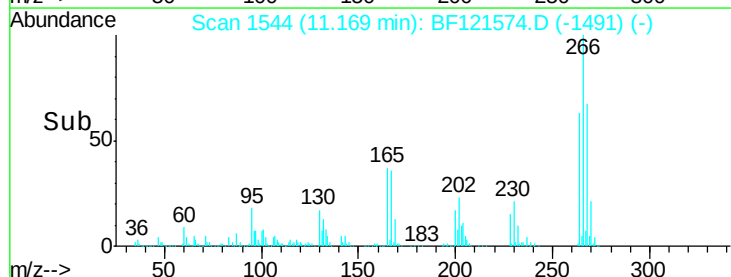
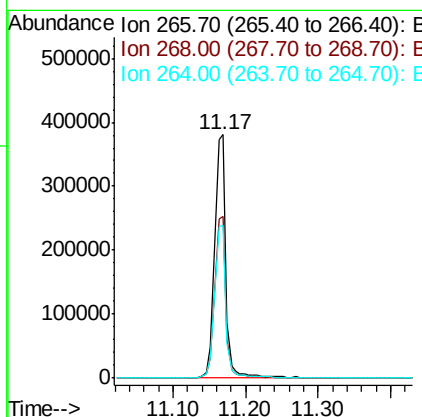
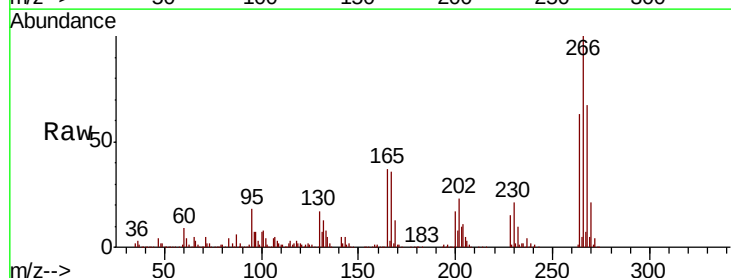
Instrument :
BNA_F
ClientSampleId :
357MSD

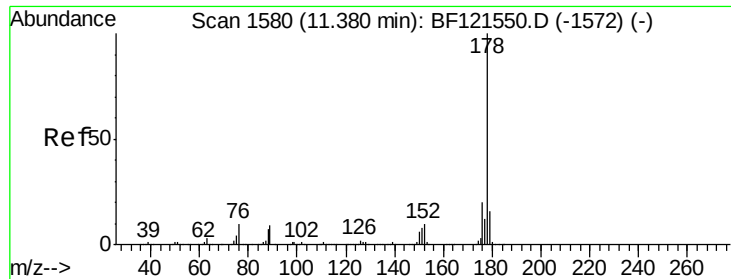
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.5	48.5
215	49.1	27.8	67.8



#70
Pentachlorophenol
Concen: 77.202 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	53.5	80.3
264	62.8	49.8	74.8





#71

Phenanthrene

Concen: 38.995 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

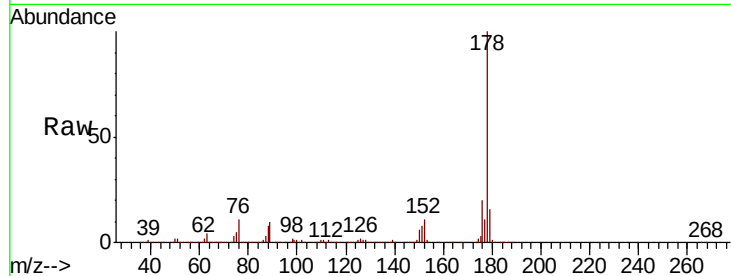
Tot Ion:178 Resp: 1613044

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

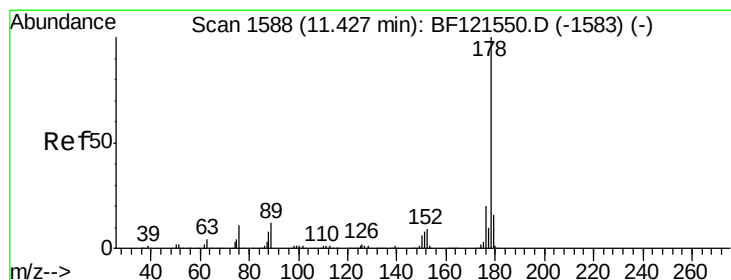
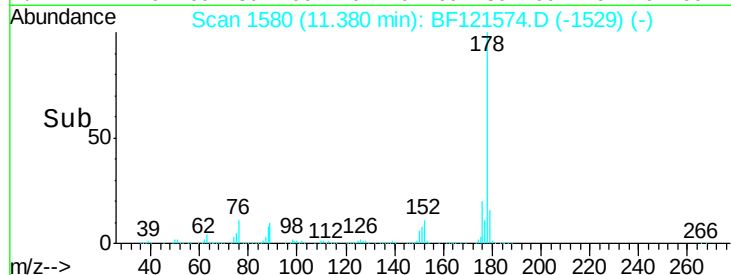
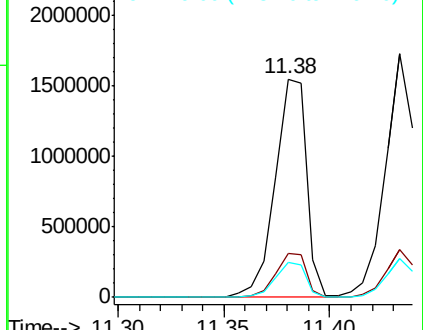
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.974 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

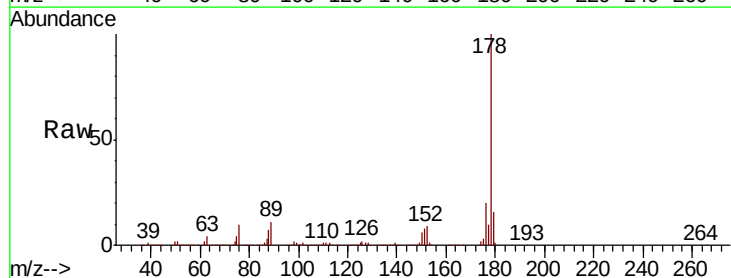
Tgt Ion:178 Resp: 1621009

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

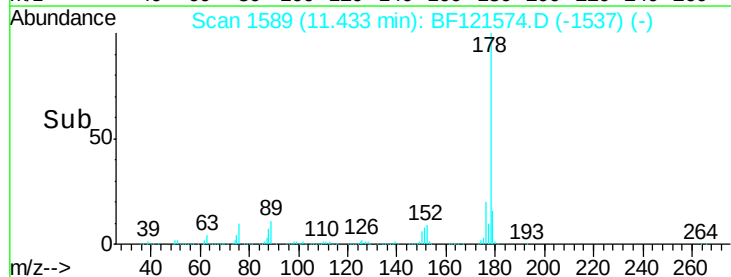
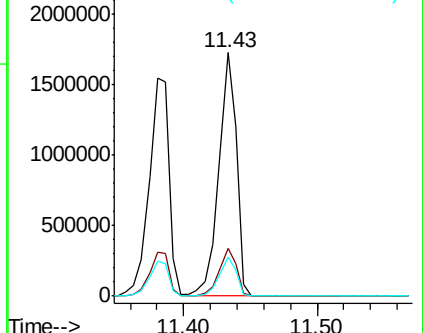
179 15.8 12.8 19.2

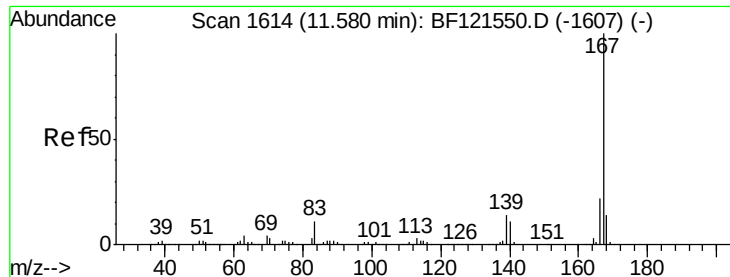


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



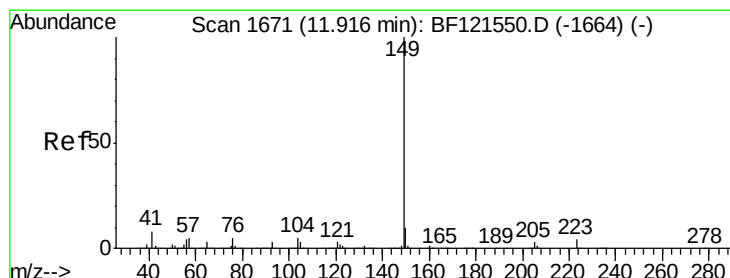
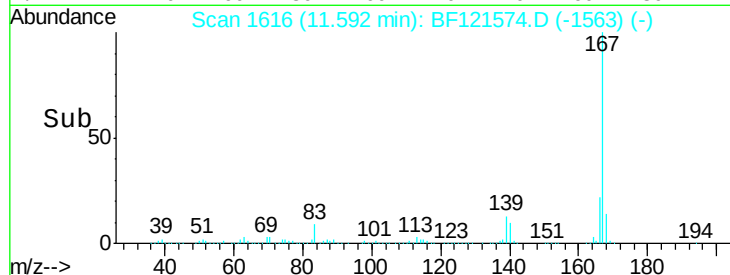
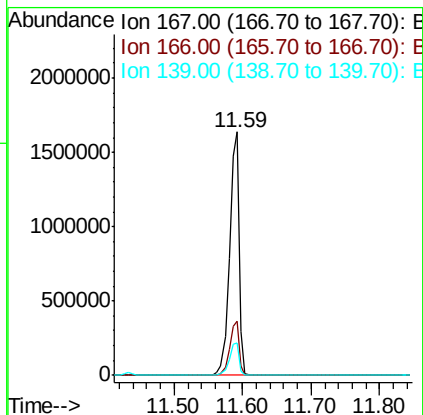
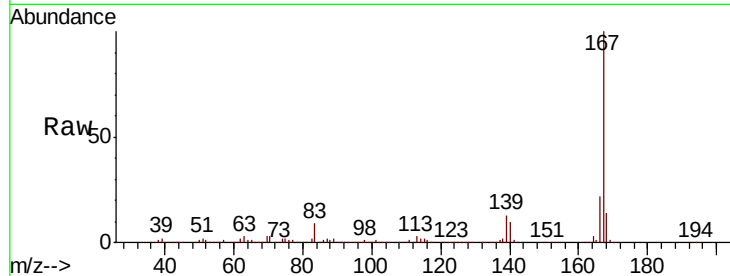


#73
 Carbazole
 Concen: 42.230 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion:167 Resp: 1626757

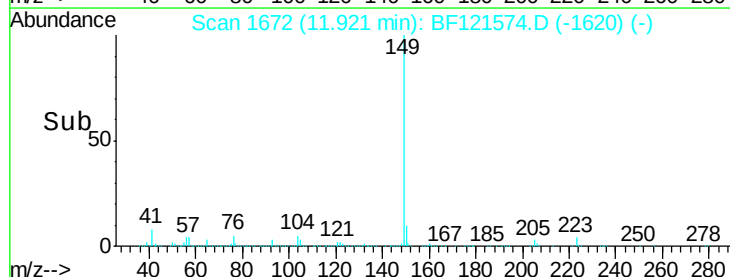
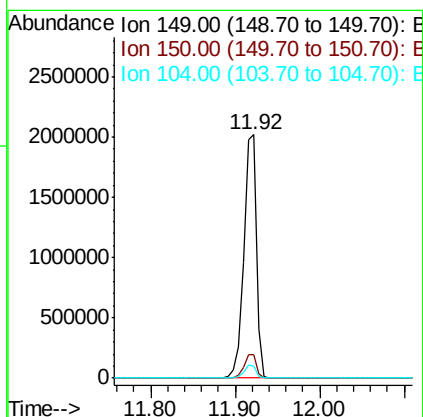
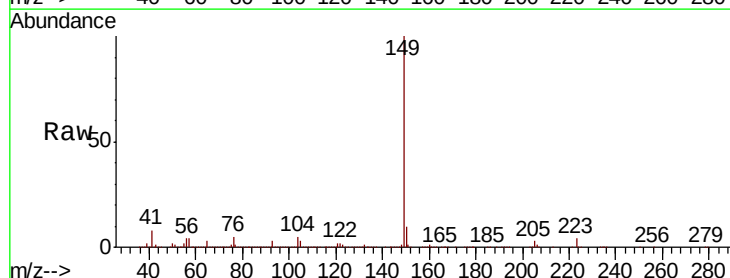
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.4	11.2	16.8

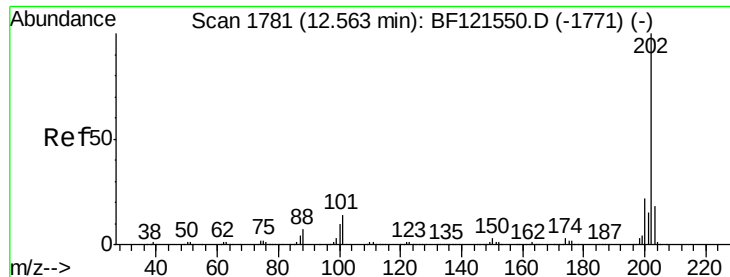


#74
 Di-n-butylphthalate
 Concen: 45.537 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

Tgt Ion:149 Resp: 2024601

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 43.560 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

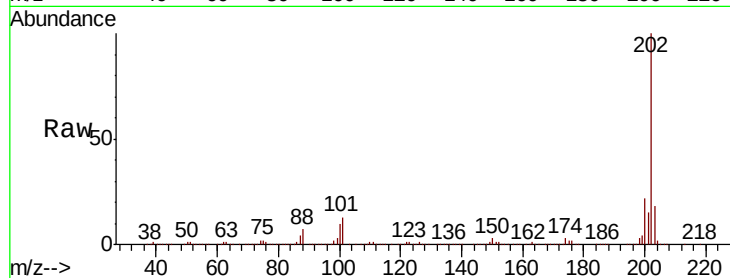
Tot Ion:202 Resp: 1923491

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.0

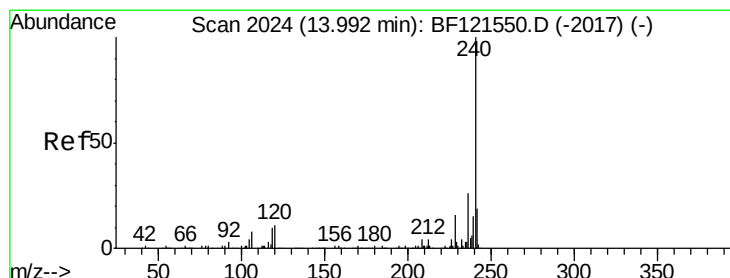
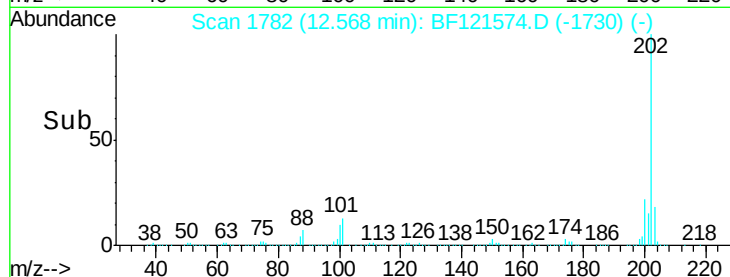
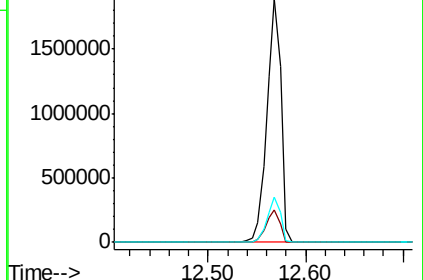
203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

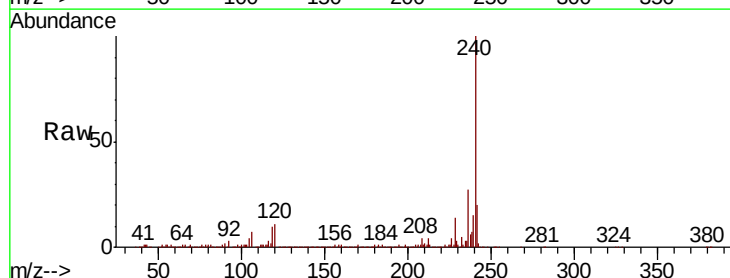
Tgt Ion:240 Resp: 653532

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

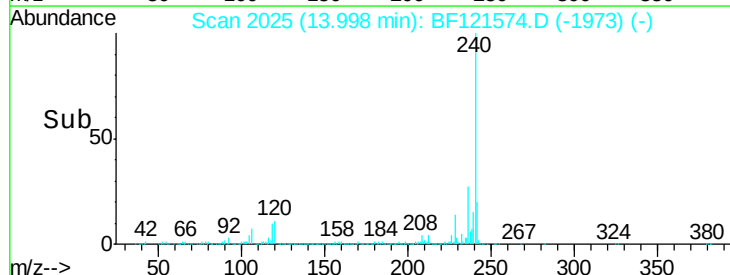
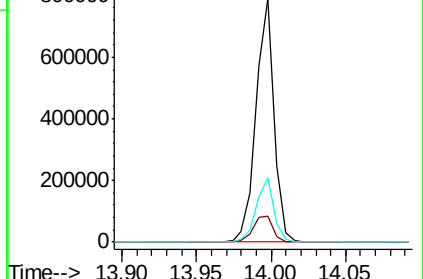
236 26.6 20.5 30.7

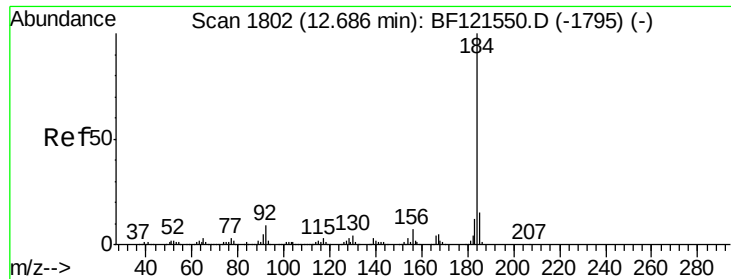


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.716 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

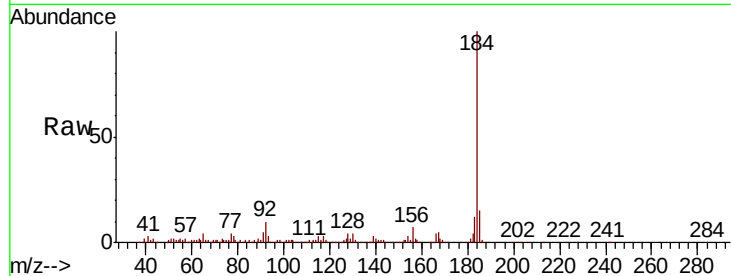
Tot Ion:184 Resp: 492168

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 11.5 9.5 14.3

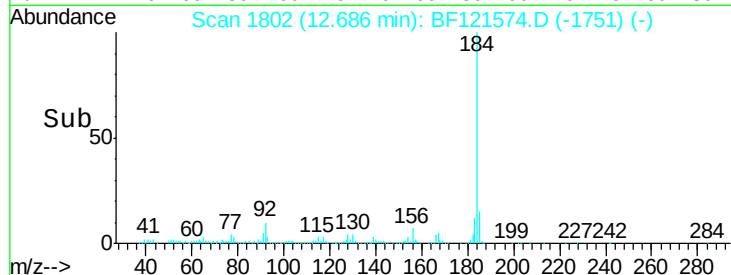


Abundance Ion 184.00 (183.70 to 184.70): E

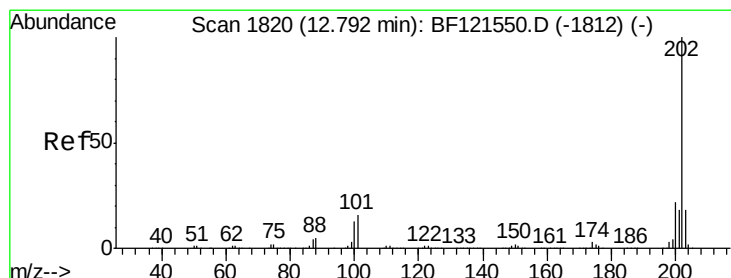
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.69



Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 40.062 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

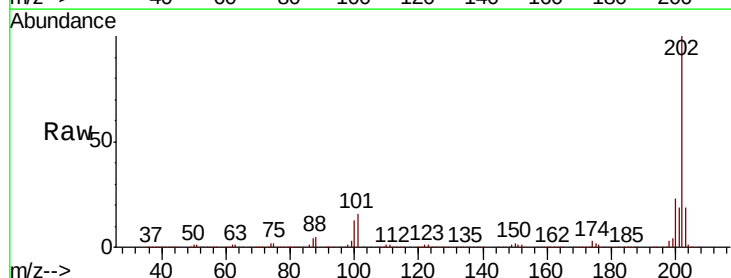
Tgt Ion:202 Resp: 1912943

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

203 18.6 14.6 22.0

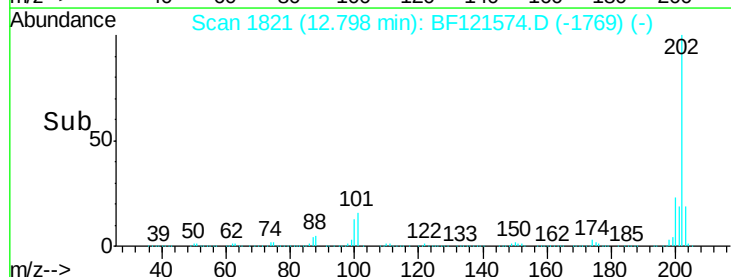


Abundance Ion 202.00 (201.70 to 202.70): E

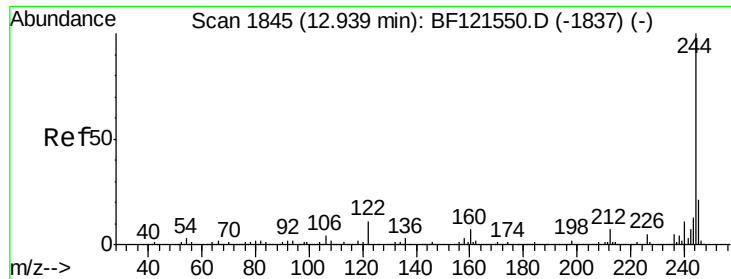
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.80



Time--> 12.70 12.80 12.90



#79

Terphenyl-d14

Concen: 64.475 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

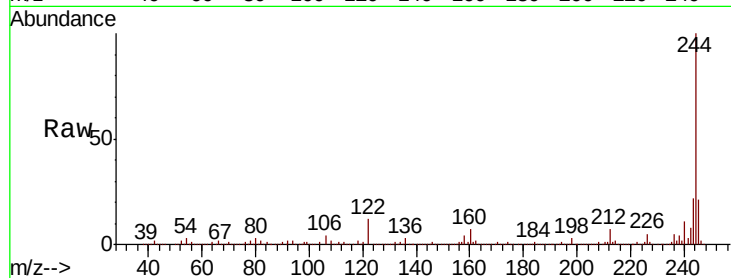
Tot Ion:244 Resp: 2079897

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

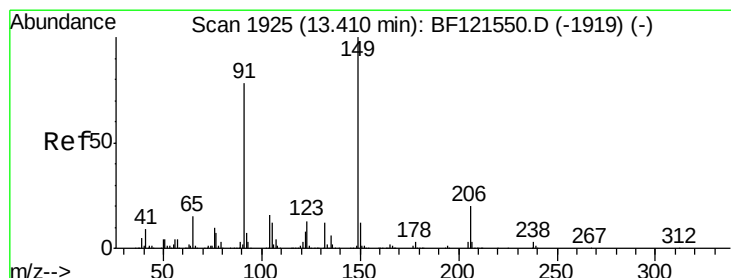
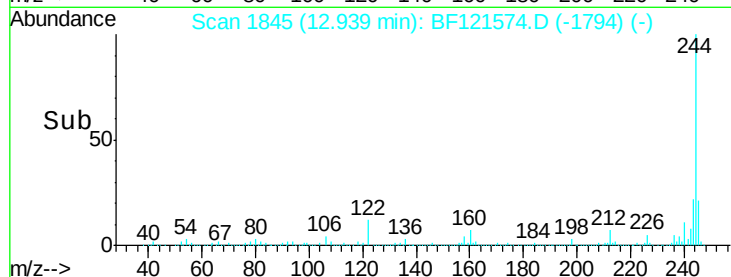
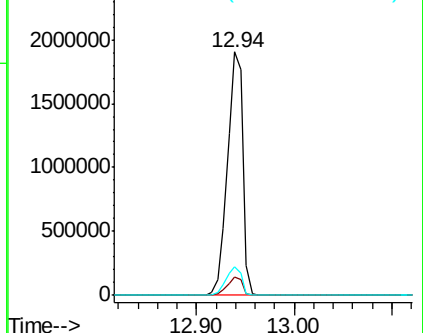
122 11.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.270 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

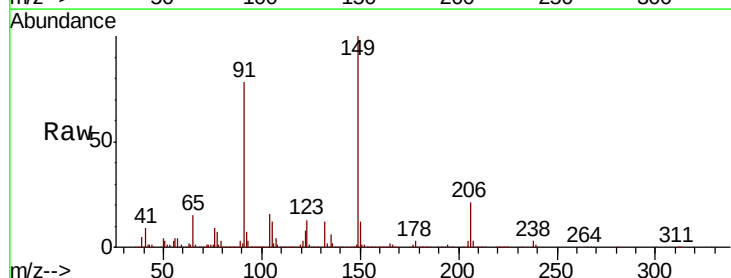
Tgt Ion:149 Resp: 912851

Ion Ratio Lower Upper

149 100

91 78.1 62.6 94.0

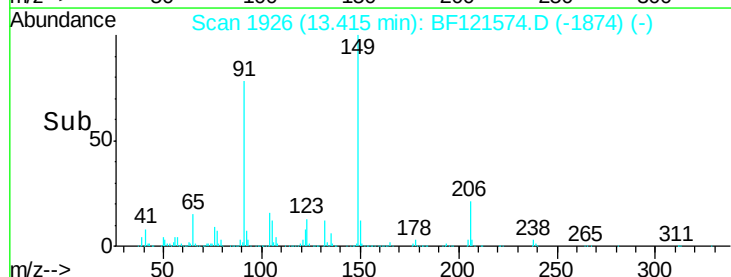
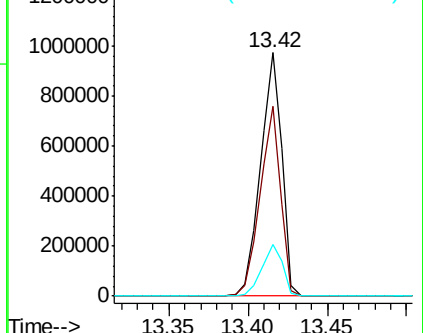
206 21.1 15.8 23.6

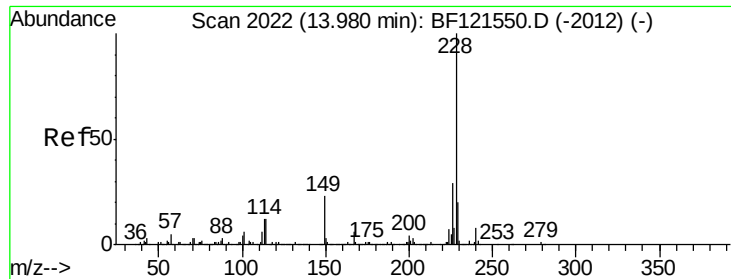


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

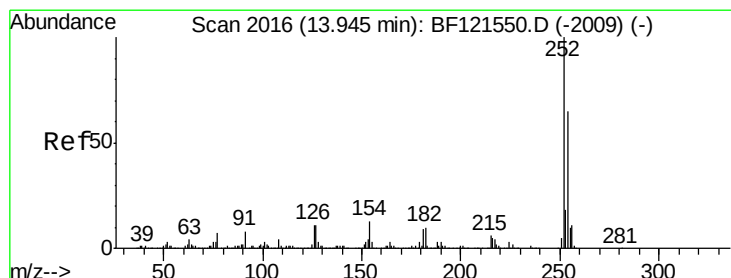
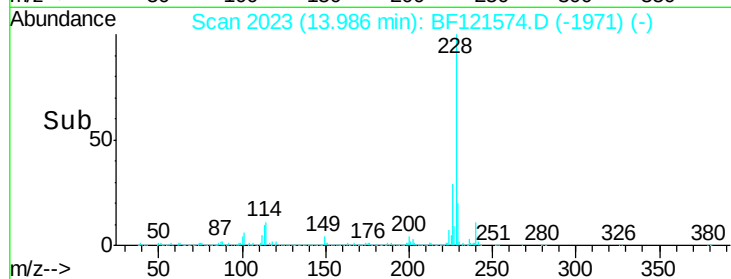
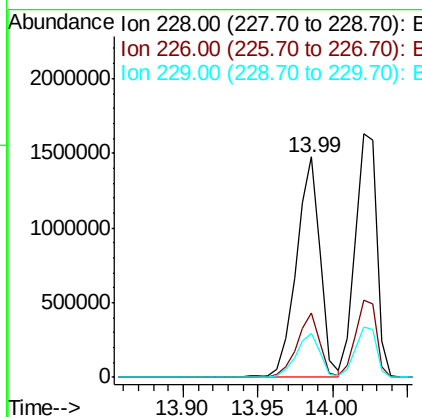
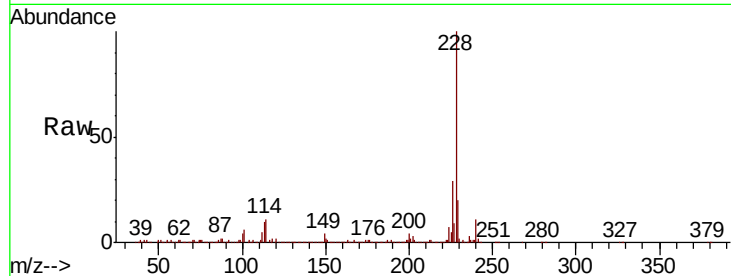




#81
Benzo(a)anthracene
Concen: 39.412 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

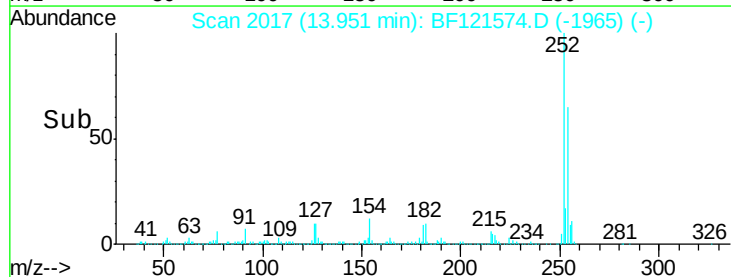
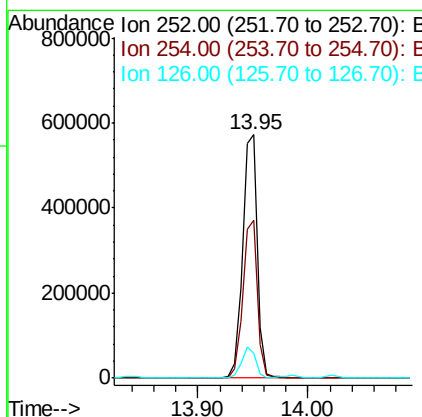
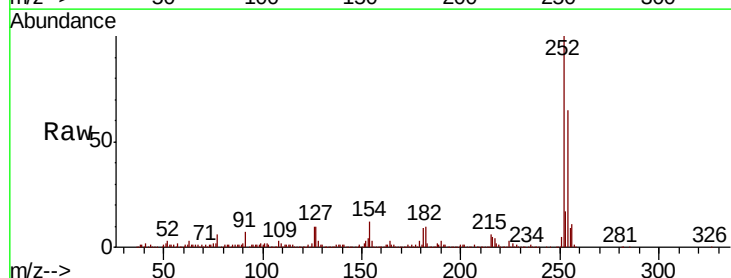
Instrument :
BNA_F
ClientSampleId :
357MSD

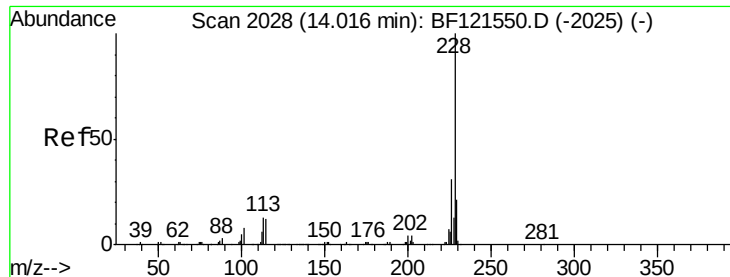
Tot Ion:228 Resp: 1629508
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.374 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:252 Resp: 538700
Ion Ratio Lower Upper
252 100
254 64.6 52.3 78.5
126 10.4 9.1 13.7





#83

Chrvsene

Concen: 38.825 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

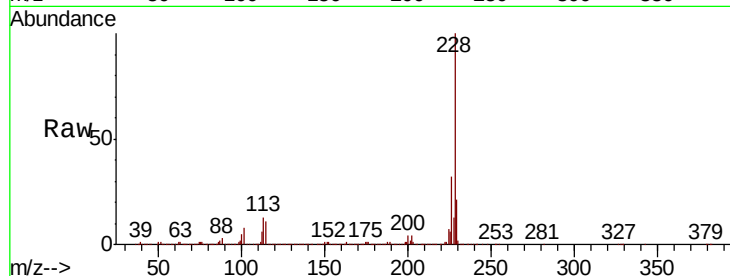
Tot Ion:228 Resp: 1625527

Ion Ratio Lower Upper

228 100

226 31.6 25.1 37.7

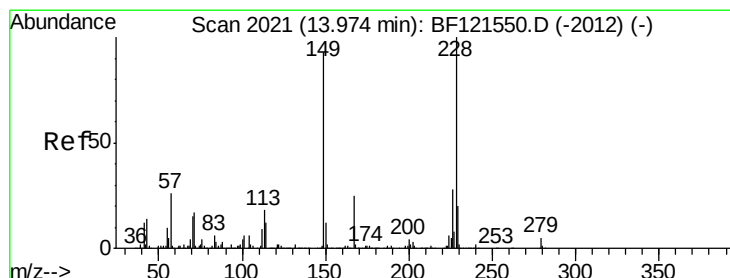
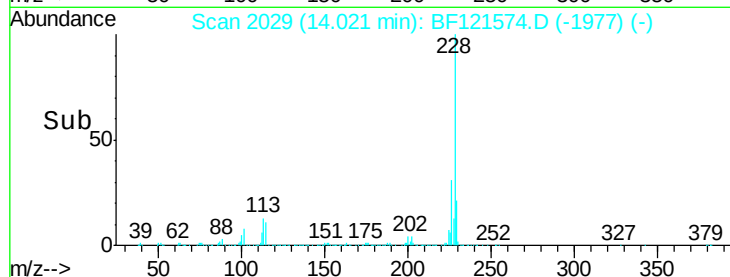
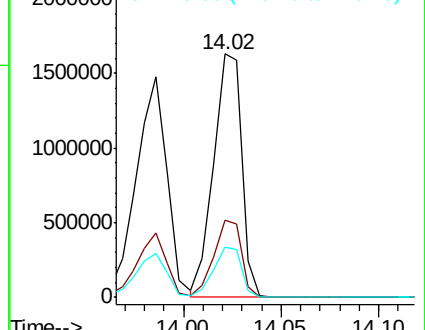
229 20.6 16.6 25.0



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: 46.915 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

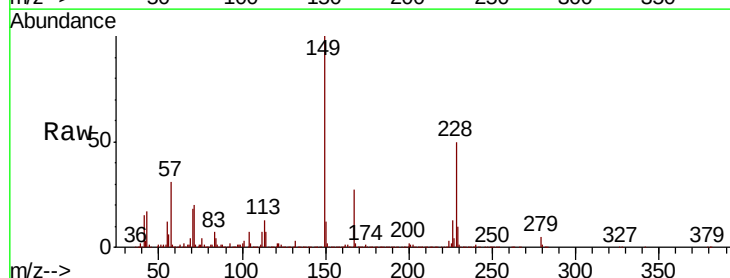
Tgt Ion:149 Resp: 1210334

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

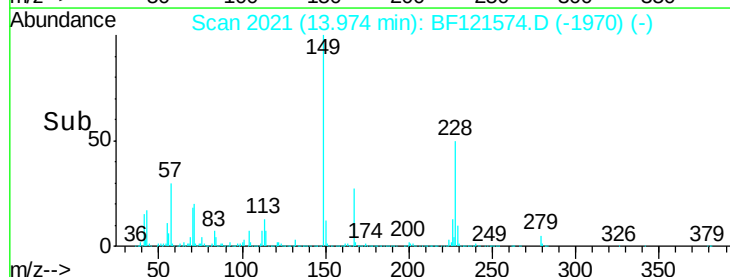
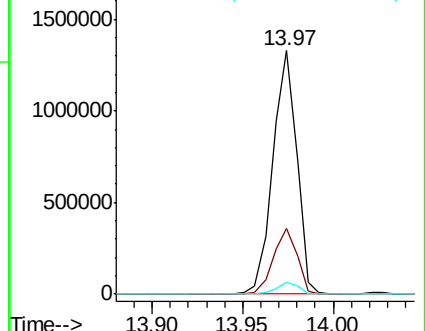
279 4.7 4.1 6.1

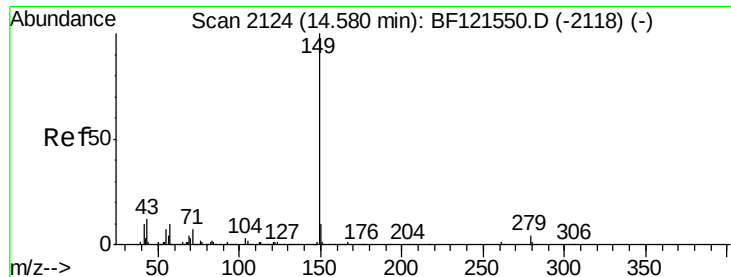


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.732 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

Instrument :

BNA_F

ClientSampleId :

357MSD

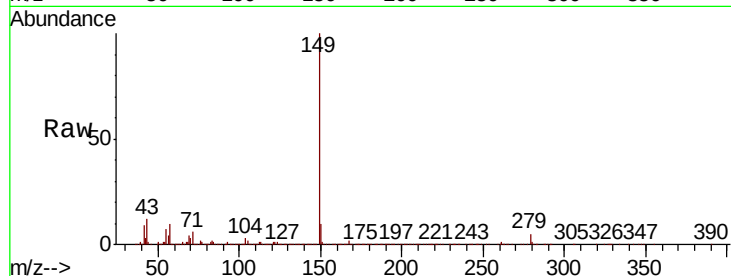
Tot Ion:149 Resp: 2173177

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

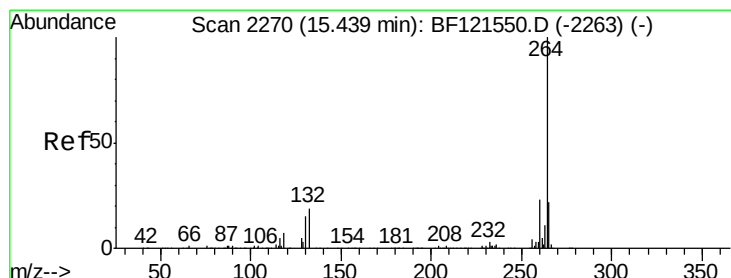
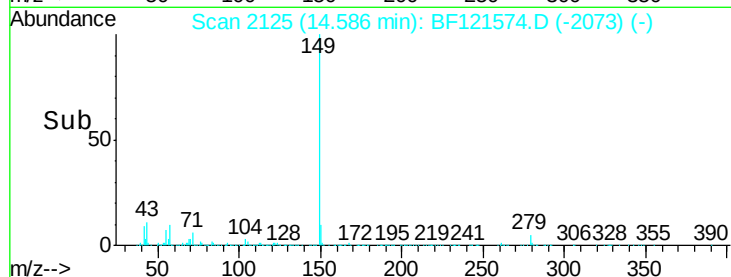
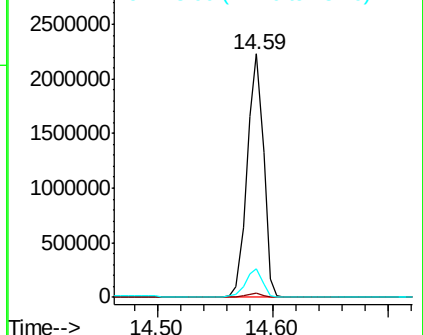
43 11.6 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF121574.D

Acq: 15 Sep 2020 13:26

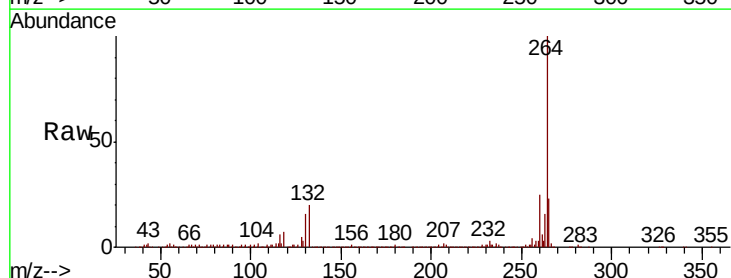
Tgt Ion:264 Resp: 548338

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

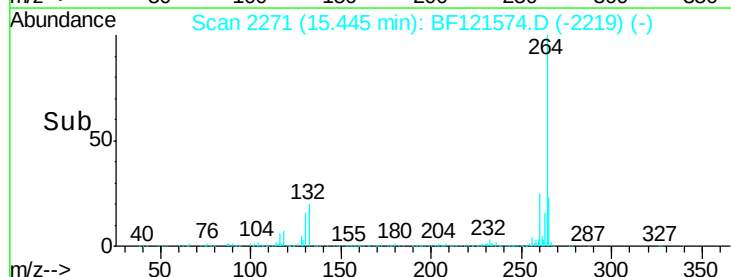
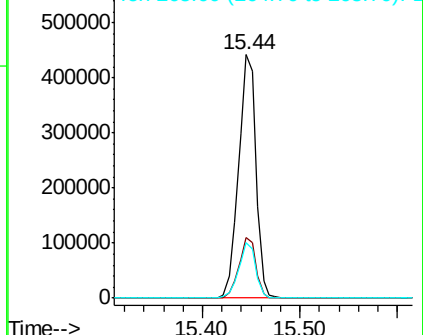
265 22.7 17.8 26.6

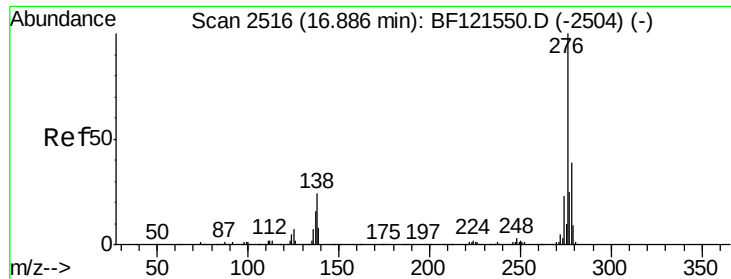


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



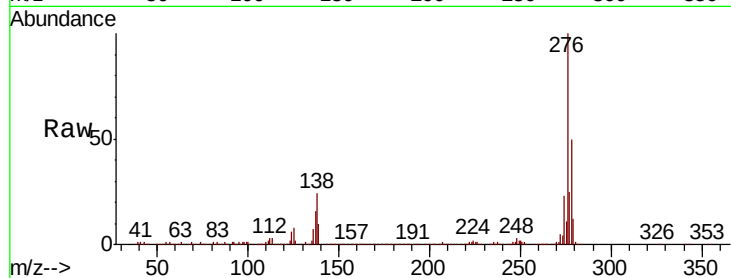


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.749 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

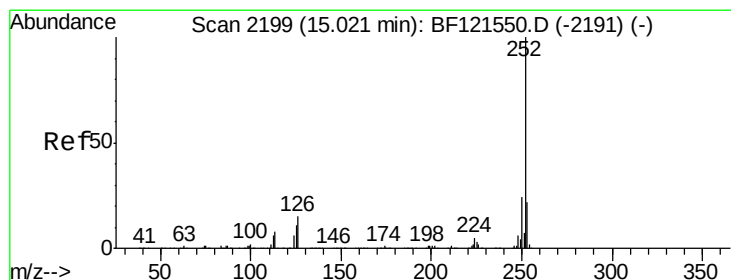
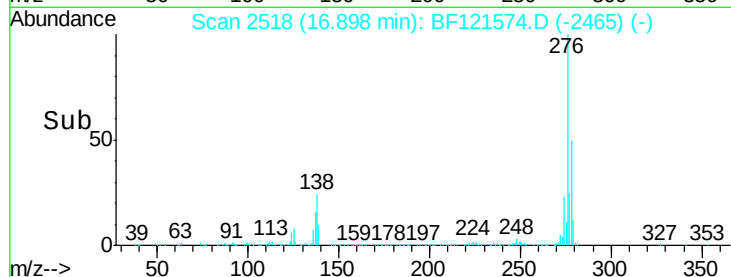
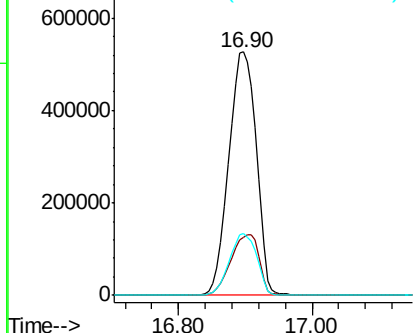
Instrument :
 BNA_F
 ClientSampleId :
 357MSD

Tot Ion:276 Resp: 1526536

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	31.0
277	25.4	20.2	30.4



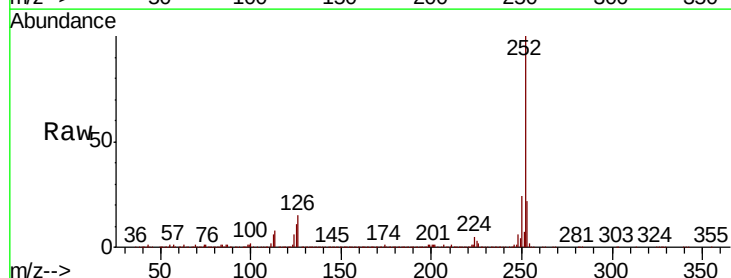
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



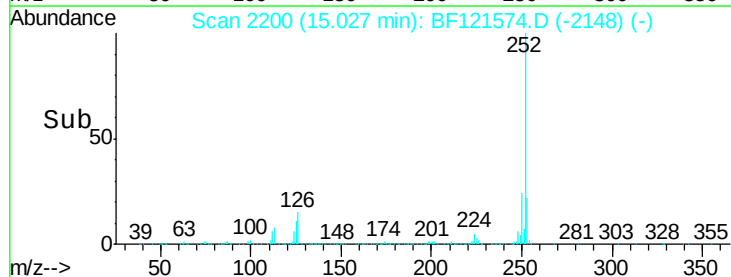
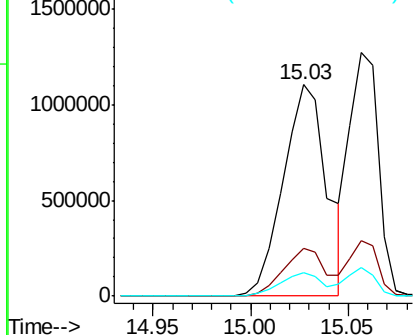
#88
 Benzo(b)fluoranthene
 Concen: 46.655 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121574.D
 Acq: 15 Sep 2020 13:26

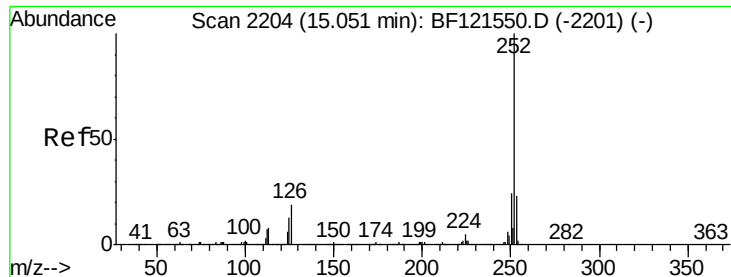
Tgt Ion:252 Resp: 1710219

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	9.2	13.8



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

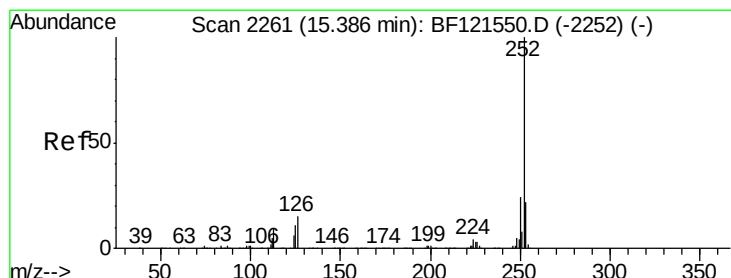
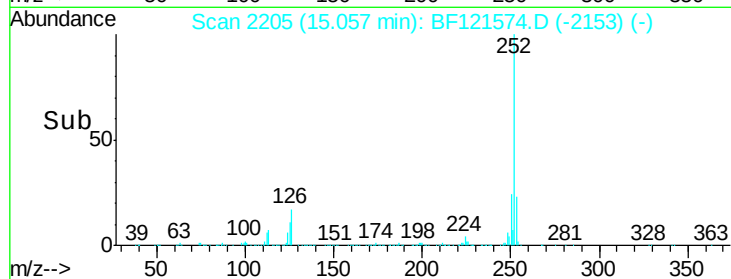
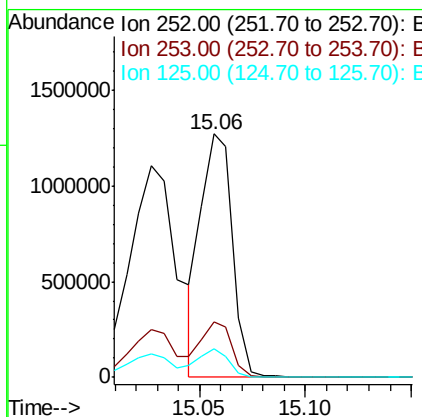
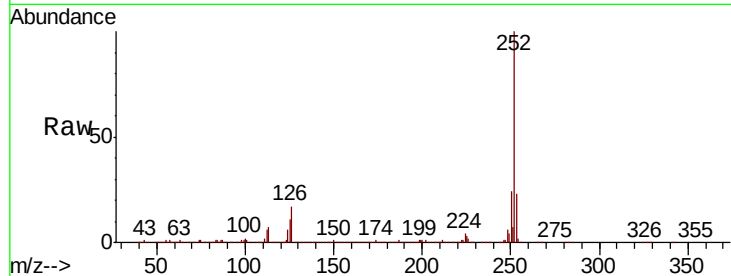




#89
Benzo(k)fluoranthene
Concen: 38.953 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

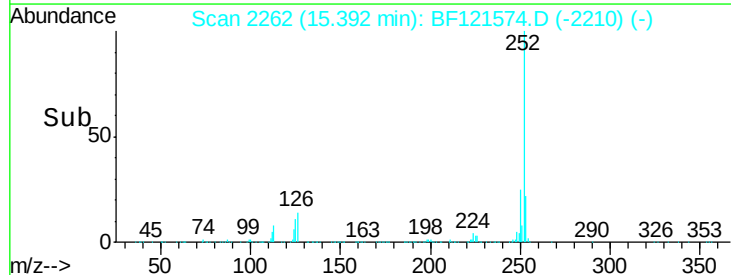
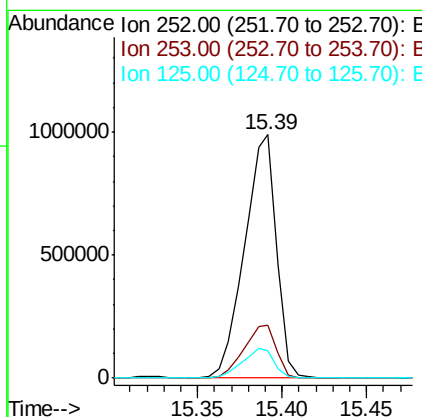
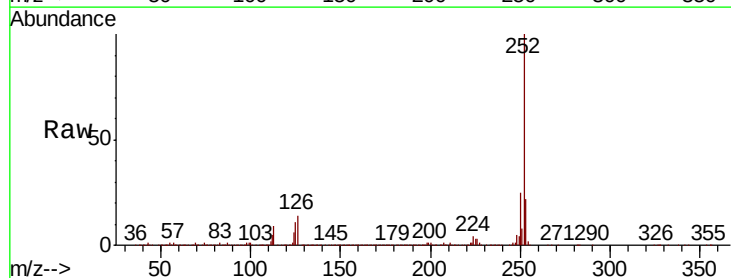
Instrument :
BNA_F
ClientSampleId :
357MSD

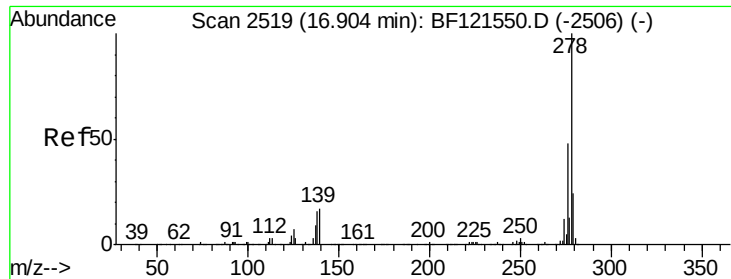
Tot Ion:252 Resp: 1307582
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.5 9.8 14.6



#90
Benzo(a)pyrene
Concen: 41.690 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:252 Resp: 1299046
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.3 9.0 13.4

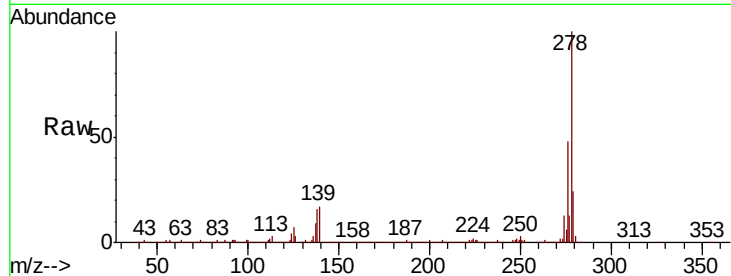




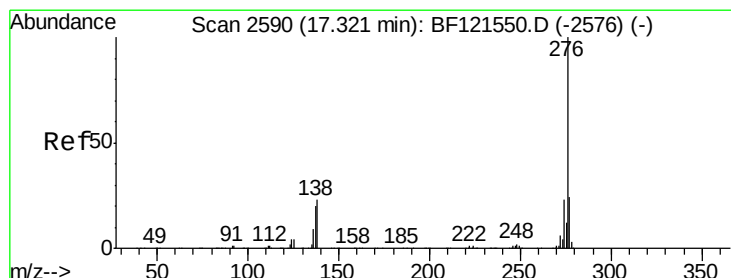
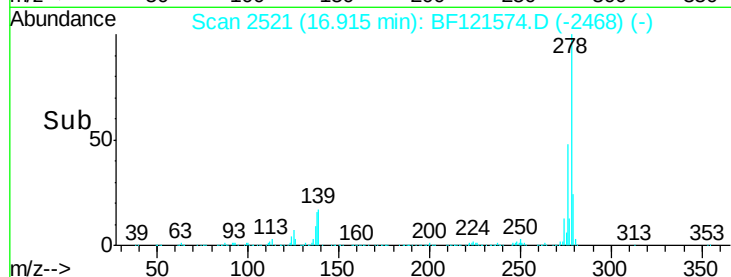
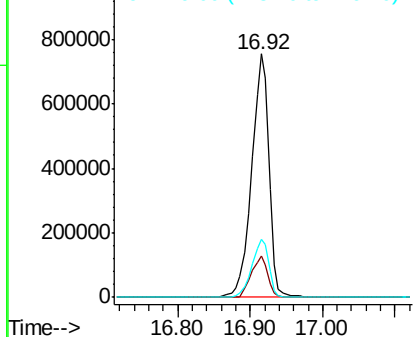
#91
Dibenzo(a,h)anthracene
Concen: 42.014 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Instrument :
BNA_F
ClientSampleId :
357MSD

Tot Ion:278 Resp: 1248896
Ion Ratio Lower Upper
278 100
139 16.8 13.9 20.9
279 23.8 19.2 28.8

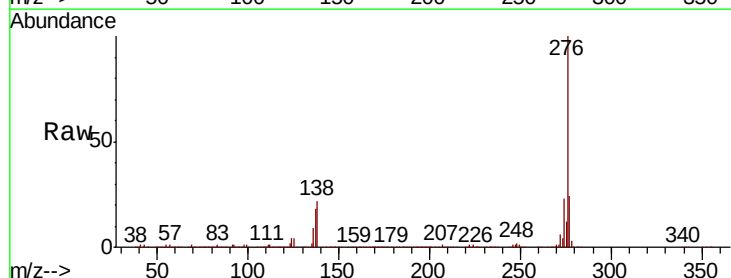


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.001 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.02 min
Lab File: BF121574.D
Acq: 15 Sep 2020 13:26

Tgt Ion:276 Resp: 1285682
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 21.5 18.7 28.1



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

