

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
 Data File : BF120767.D
 Acq On : 6 Jul 2020 9:31
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 06 11:08:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173291	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	659149	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	339185	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	632581	20.00	ng	0.00
76) Chrysene-d12	14.02	240	514933	20.00	ng	0.00
86) Perylene-d12	15.47	264	466001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	842134	75.02	ng	0.00
7) Phenol-d6	6.47	99	1098761	76.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	926295	81.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	286893	84.19	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1675168	74.72	ng	0.00
79) Terphenyl-d14	12.96	244	1873296	71.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	189694	36.992	ng	99
3) Pyridine	3.35	79	529958	37.730	ng	99
4) n-Nitrosodimethylamine	3.30	42	272541	38.786	ng	# 92
6) Aniline	6.52	93	706118	38.352	ng	99
8) 2-Chlorophenol	6.63	128	459100	38.412	ng	98
9) Benzaldehyde	6.40	77	289311	33.932	ng	100
10) Phenol	6.49	94	571160	38.729	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	465347	38.777	ng	99
12) 1,3-Dichlorobenzene	6.79	146	502905	38.228	ng	99
13) 1,4-Dichlorobenzene	6.87	146	507626	38.525	ng	99
14) 1,2-Dichlorobenzene	7.02	146	485987	38.767	ng	100
15) Benzyl Alcohol	6.99	79	415767	38.599	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	725062	38.735	ng	100
17) 2-Methylphenol	7.10	107	411043	38.443	ng	98
18) Hexachloroethane	7.36	117	192714	38.913	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	332777	38.552	ng	100
20) 3+4-Methylphenols	7.25	107	507985	38.574	ng	100
22) Acetophenone	7.26	105	629408	38.416	ng	# 97
24) Nitrobenzene	7.43	77	507944	39.764	ng	99
25) Isophorone	7.67	82	938589	38.255	ng	98
26) 2-Nitrophenol	7.75	139	188534	36.174	ng	91
27) 2,4-Dimethylphenol	7.78	122	380376	38.837	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	564455	38.872	ng	99
29) 2,4-Dichlorophenol	7.99	162	376596	38.516	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	420769	38.314	ng	99
31) Naphthalene	8.16	128	1346323	38.219	ng	100
32) Benzoic acid	7.90	122	258336	38.244	ng	97
33) 4-Chloroaniline	8.20	127	579349	38.757	ng	99
34) Hexachlorobutadiene	8.27	225	258663	39.162	ng	99
35) Caprolactam	8.58	113	116104	40.752	ng	92
36) 4-Chloro-3-methylphenol	8.68	107	403329	39.656	ng	95
37) 2-Methylnaphthalene	8.85	142	898873	39.253	ng	100
38) 1-Methylnaphthalene	8.95	142	848206	39.543	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	400596	39.079	ng	100

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 06 11:08:17 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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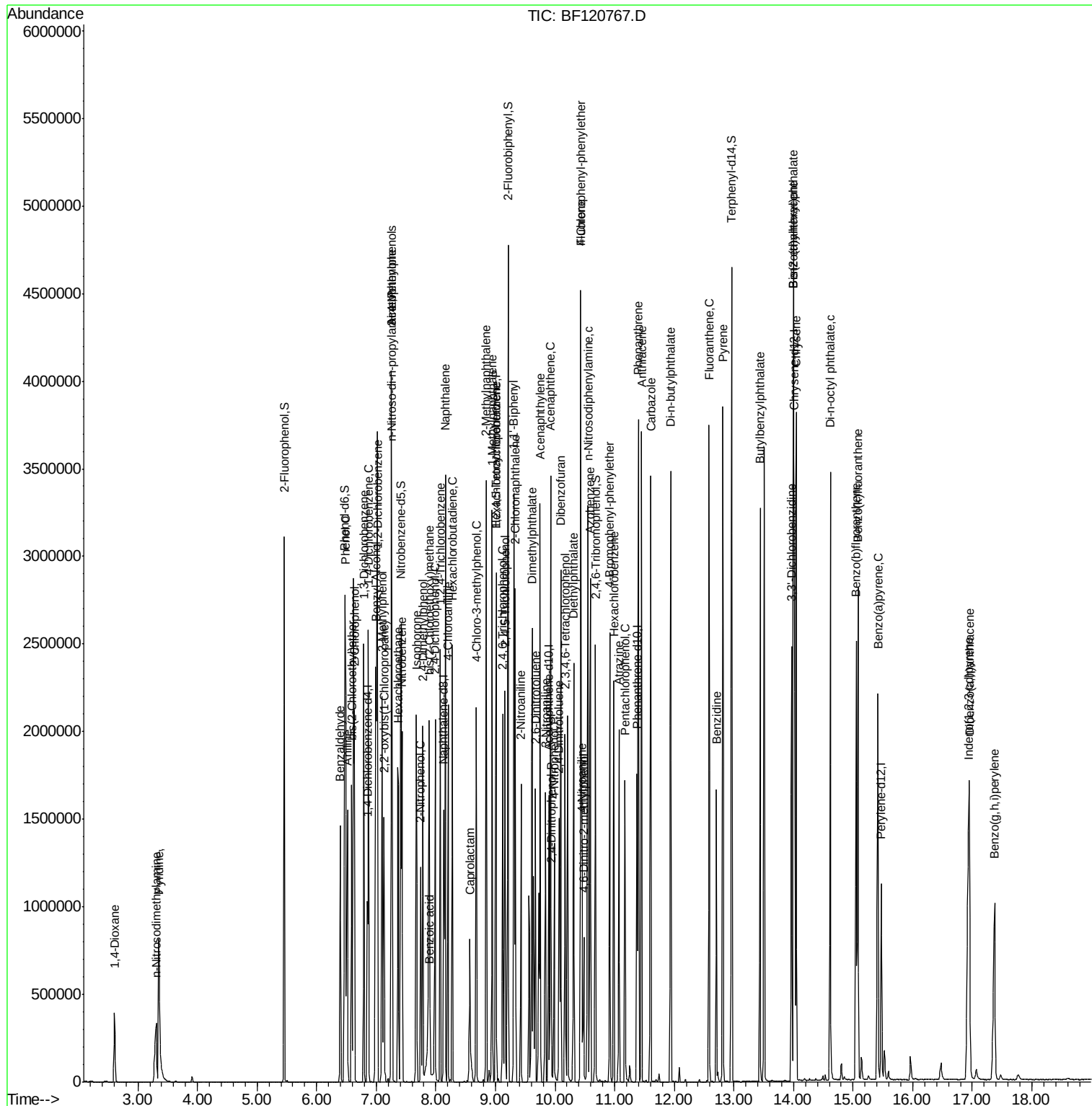
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	230358	38.034	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	273132	39.102	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	300728	38.794	ng	98
46) 1,1'-Biphenyl	9.32	154	1054383	38.538	ng	99
47) 2-Chloronaphthalene	9.34	162	842896	38.456	ng	97
48) 2-Nitroaniline	9.43	65	262546	40.440	ng	97
49) Acenaphthylene	9.75	152	1315292	38.275	ng	99
50) Dimethylphthalate	9.62	163	968993	39.163	ng	99
51) 2,6-Dinitrotoluene	9.67	165	196521	40.346	ng	88
52) Acenaphthene	9.93	154	832212	39.037	ng	99
53) 3-Nitroaniline	9.84	138	242268	40.522	ng	97
54) 2,4-Dinitrophenol	9.94	184	57658	35.784	ng	88
55) Dibenzofuran	10.10	168	1183597	38.516	ng	98
56) 4-Nitrophenol	9.99	139	175351	39.725	ng	89
57) 2,4-Dinitrotoluene	10.07	165	254295	41.931	ng	88
58) Fluorene	10.44	166	869222	38.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	223736	38.785	ng	98
60) Diethylphthalate	10.32	149	1026501	39.826	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	433626	37.711	ng	97
62) 4-Nitroaniline	10.46	138	236329	44.954	ng	97
63) Azobenzene	10.59	77	1019058	38.650	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	90108	35.936	ng	85
66) n-Nitrosodiphenylamine	10.55	169	831901	39.236	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	290464	39.584	ng	99
68) Hexachlorobenzene	10.99	284	309910	40.248	ng	# 89
69) Atrazine	11.07	200	210913	38.613	ng	99
70) Pentachlorophenol	11.17	266	175682	40.326	ng	99
71) Phenanthrene	11.40	178	1332960	38.836	ng	99
72) Anthracene	11.45	178	1334830	38.486	ng	99
73) Carbazole	11.60	167	1301402	39.046	ng	99
74) Di-n-butylphthalate	11.94	149	1626953	39.427	ng	99
75) Fluoranthene	12.59	202	1463153	40.017	ng	99
77) Benzidine	12.70	184	563755	38.788	ng	99
78) Pyrene	12.82	202	1503130	36.550	ng	98
80) Butylbenzylphthalate	13.44	149	693586	39.064	ng	99
81) Benzo(a)anthracene	14.00	228	1220574	36.978	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	440833	39.575	ng	99
83) Chrysene	14.04	228	1304700	38.751	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	842688	36.193	ng	99
85) Di-n-octyl phthalate	14.62	149	1638213	39.771	ng	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1179783	39.471	ng	99
88) Benzo(b)fluoranthene	15.05	252	1192160	38.914	ng	98
89) Benzo(k)fluoranthene	15.08	252	1223851	41.054	ng	99
90) Benzo(a)pyrene	15.42	252	1100731	40.277	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	998477	40.080	ng	98
92) Benzo(g,h,i)perylene	17.37	276	873274	38.355	ng	99

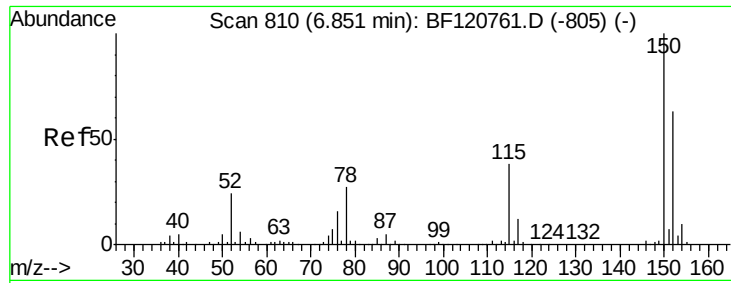
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_P
ClientSampled :

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QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration



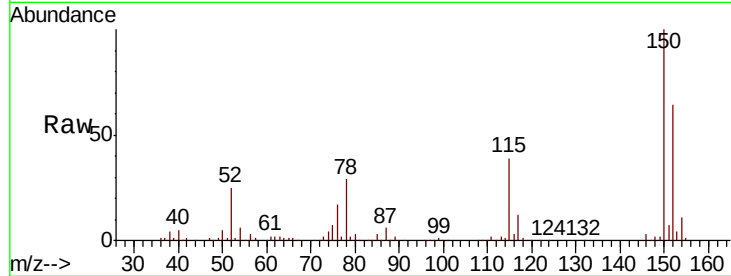


#1

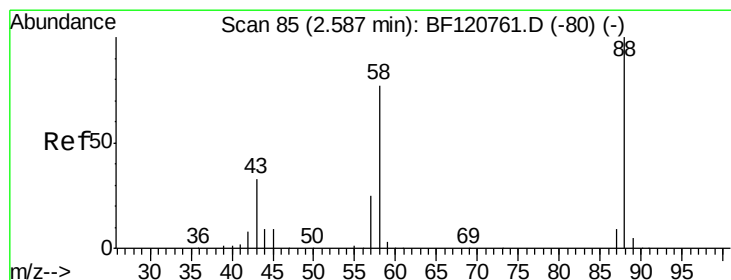
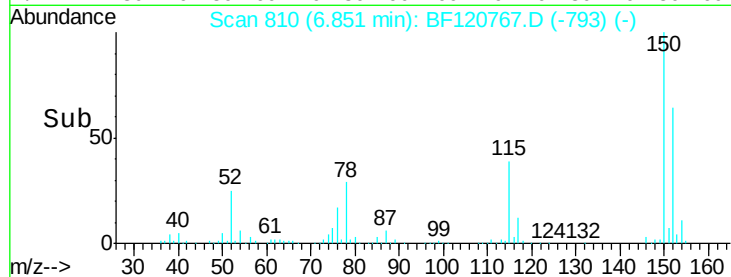
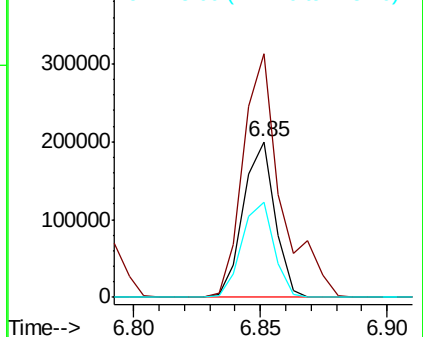
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.1	189.1
115	61.0	48.5	72.7



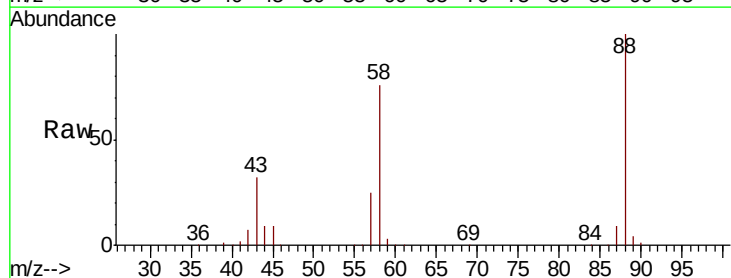
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



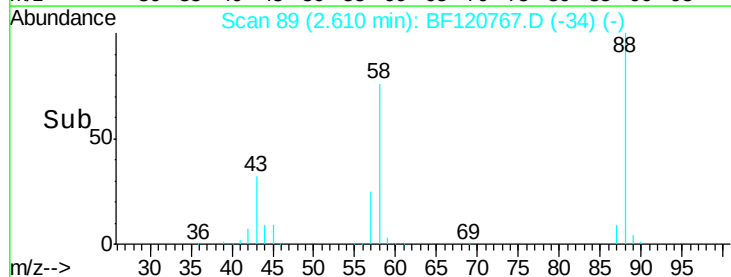
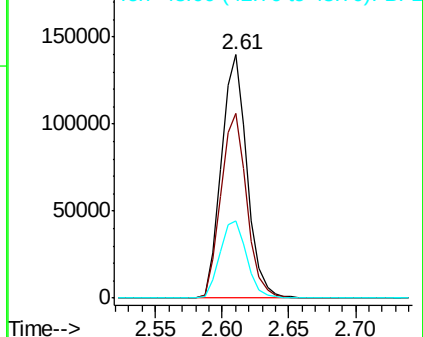
#2

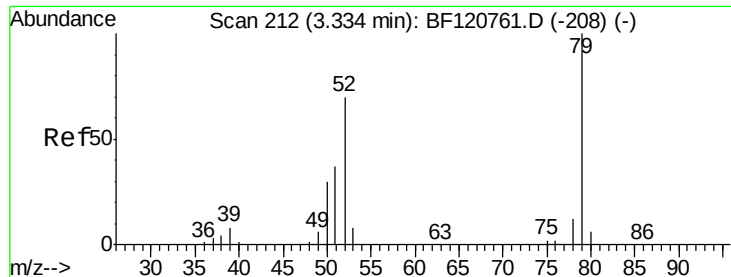
1,4-Dioxane
Concen: 36.992 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.02 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	60.4	90.6
43	33.2	26.3	39.5



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: 37.730 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

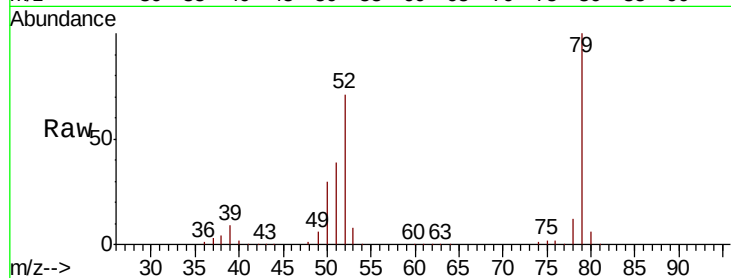
Tot Ion: 79 Resp: 529958

Ion Ratio Lower Upper

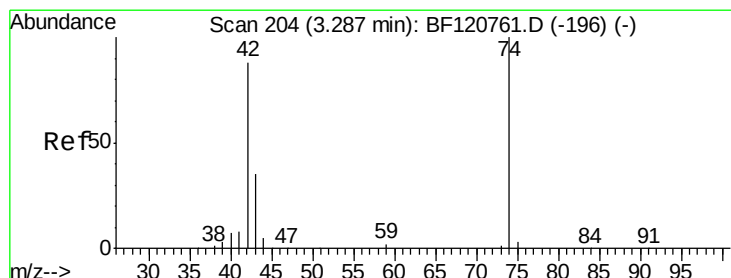
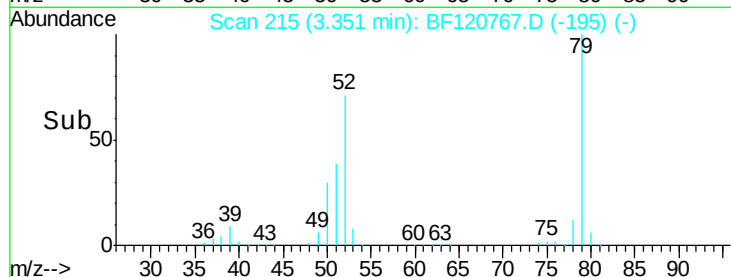
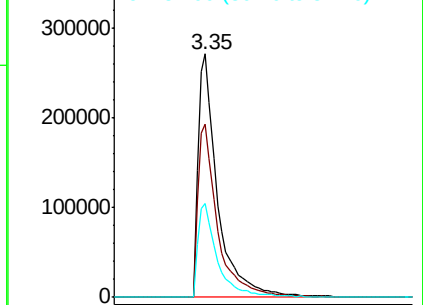
79 100

52 71.0 56.3 84.5

51 38.8 30.1 45.1



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



#4

n-Nitrosodimethylamine

Concen: 38.786 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

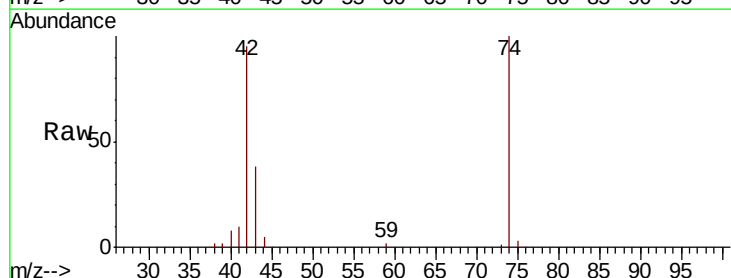
Tgt Ion: 42 Resp: 272541

Ion Ratio Lower Upper

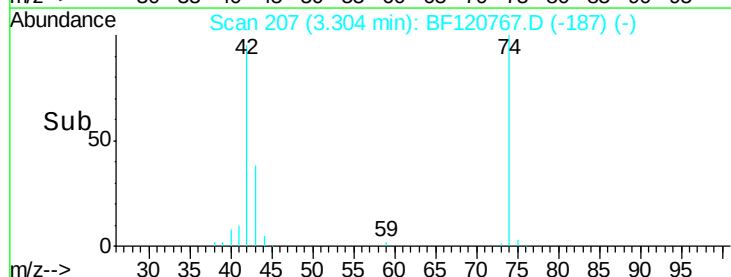
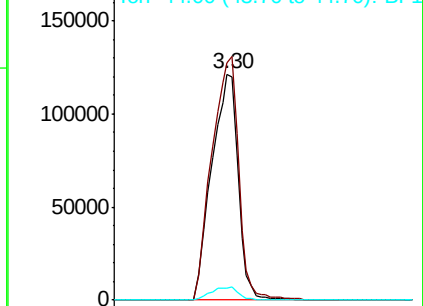
42 100

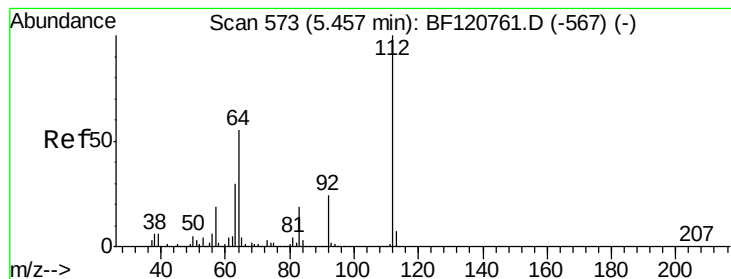
74 105.1 90.8 136.2

44 5.5 5.8 8.8#



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

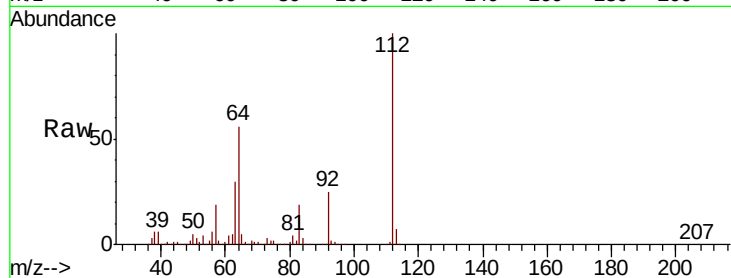




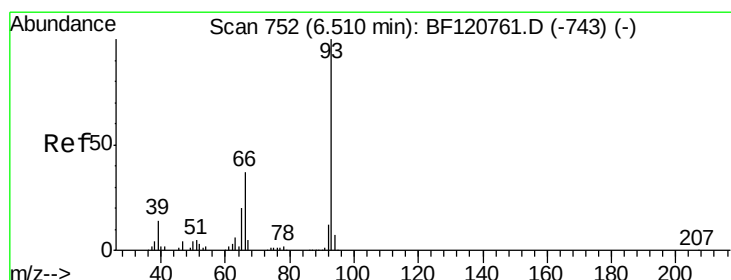
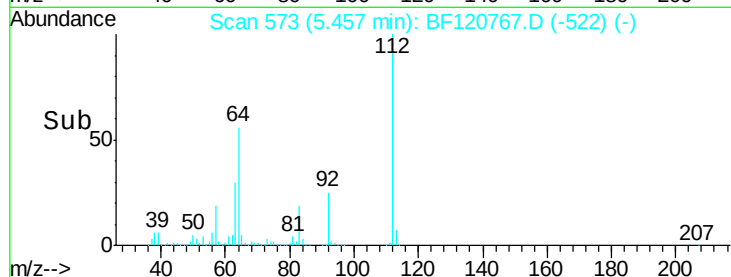
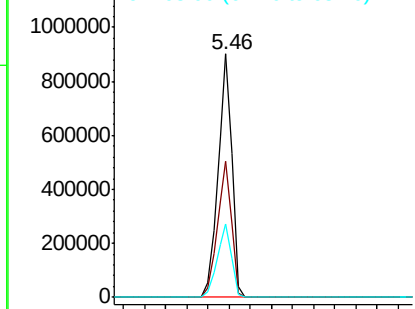
#5
2-Fluorophenol
Concen: 75.016 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.6
63	30.3	23.6	35.4

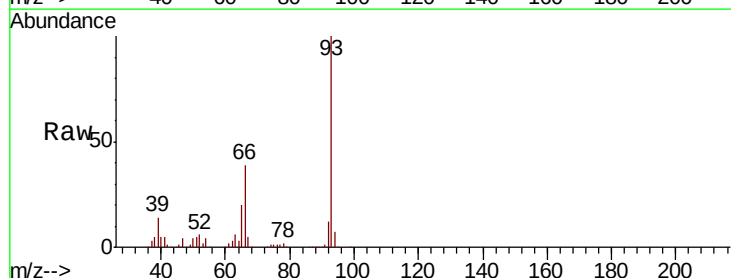


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

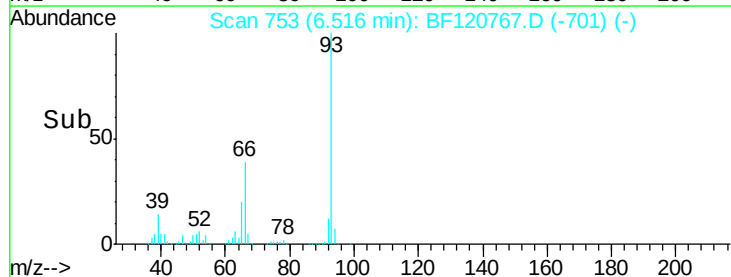
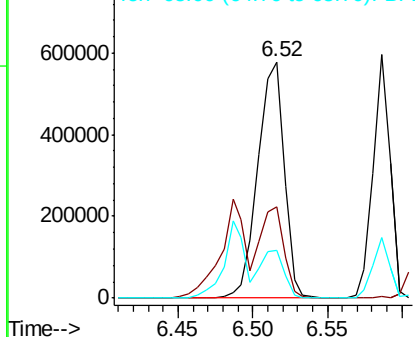


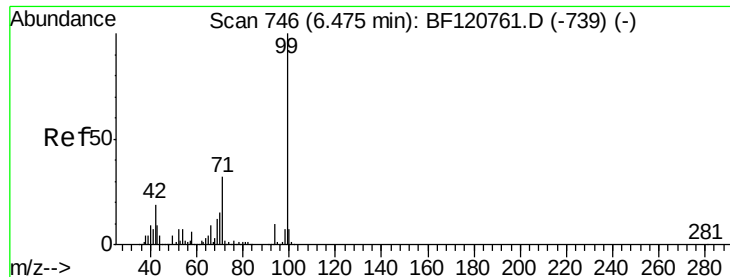
#6
Aniline
Concen: 38.352 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.3	46.9
65	20.4	16.5	24.7



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: 76.643 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

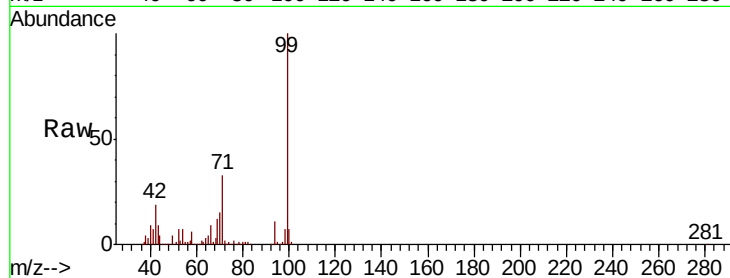
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1098761

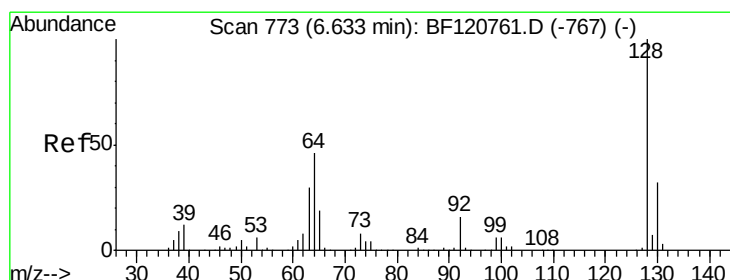
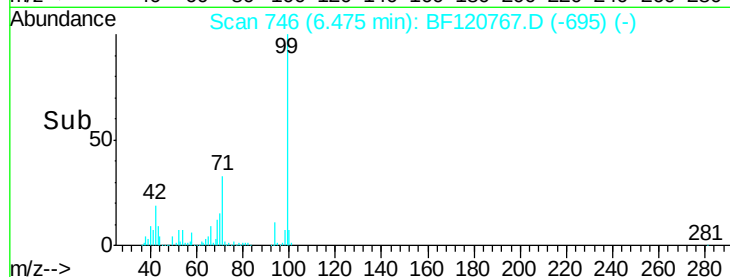
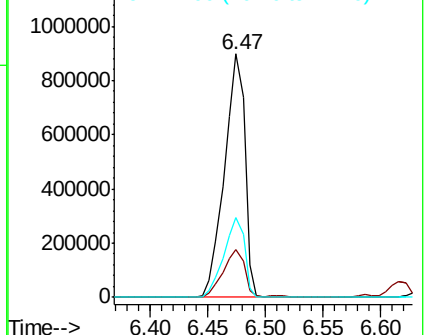
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.4	23.0
71	32.8	25.9	38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.412 ng

RT: 6.63 min Scan# 773

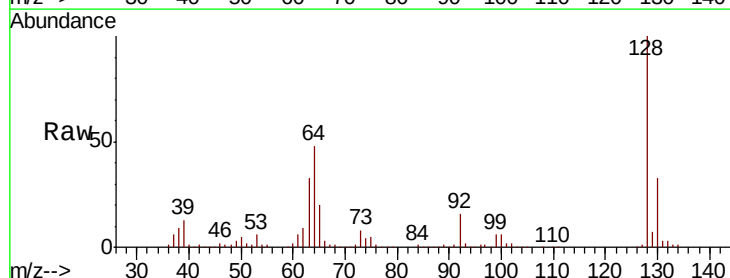
Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion: 128 Resp: 459100

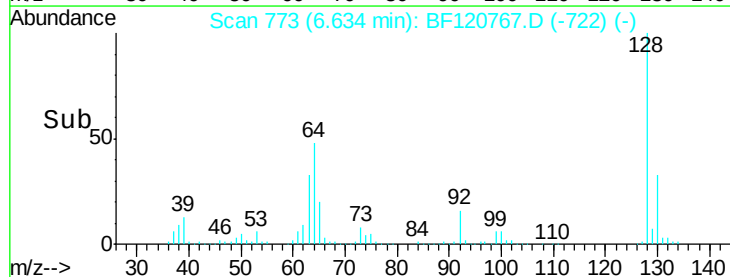
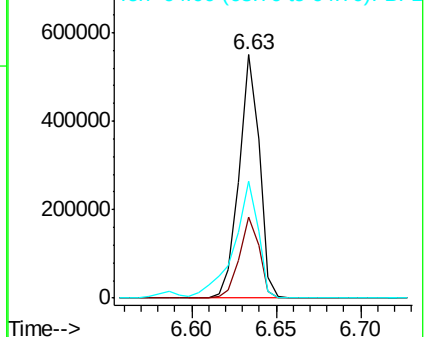
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.1	52.1
64	48.0	26.3	66.3

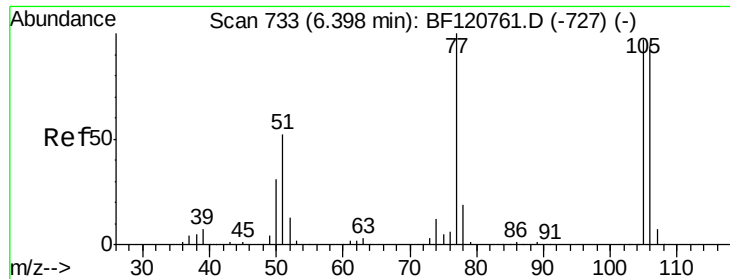


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.932 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

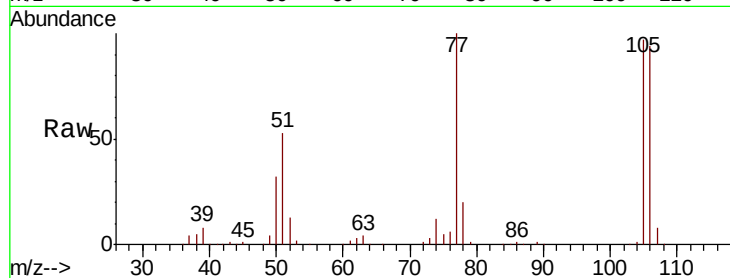
Tot Ion: 77 Resp: 289311

Ion Ratio Lower Upper

77 100

105 97.0 76.8 116.8

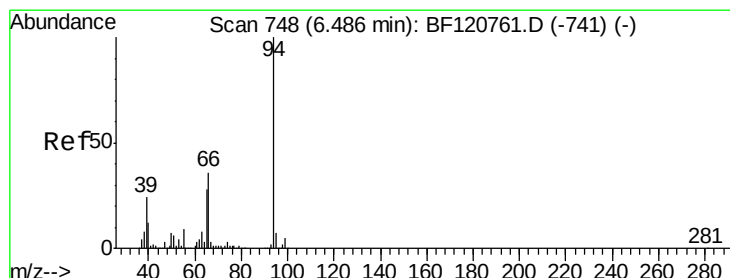
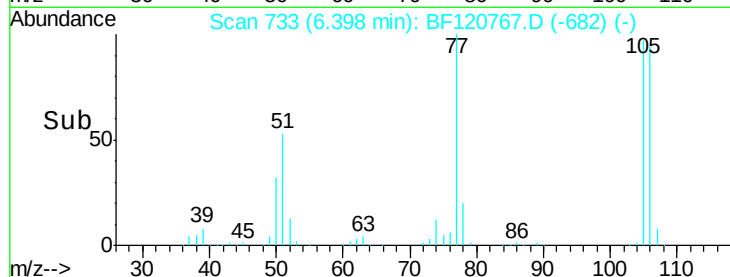
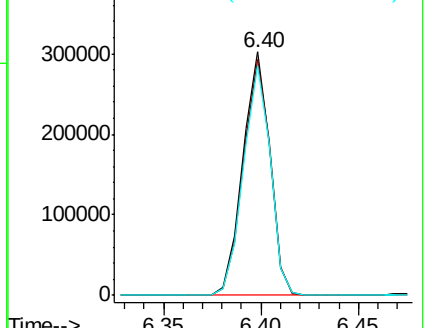
106 94.5 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.729 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

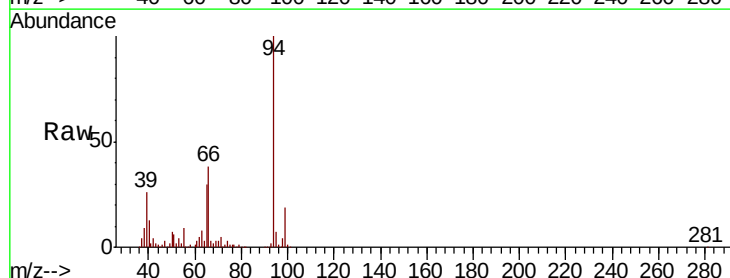
Tgt Ion: 94 Resp: 571160

Ion Ratio Lower Upper

94 100

65 29.9 8.4 48.4

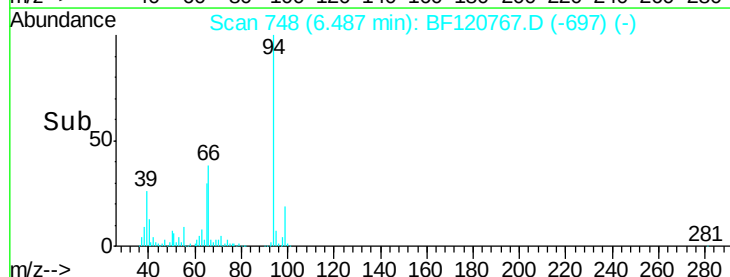
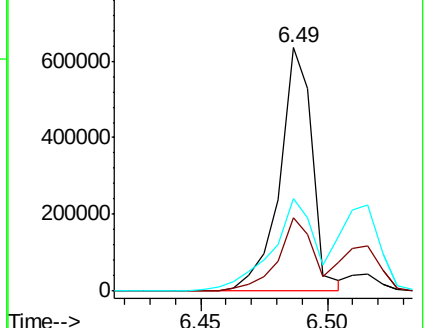
66 38.1 16.5 56.5

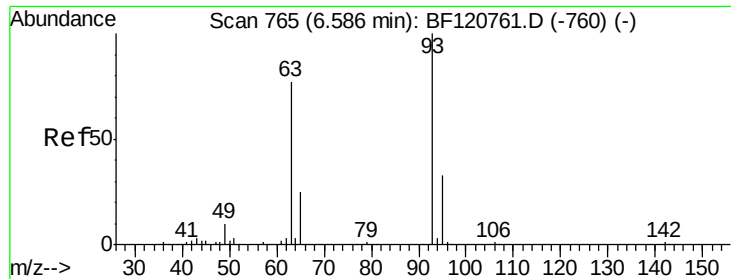


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

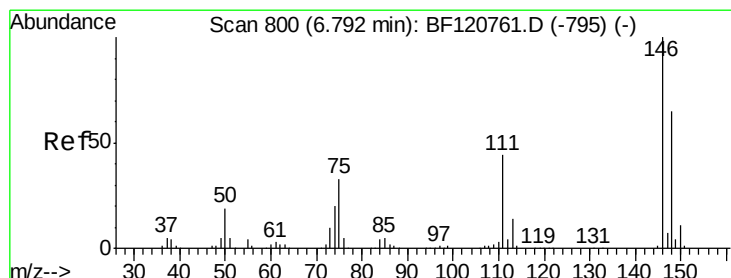
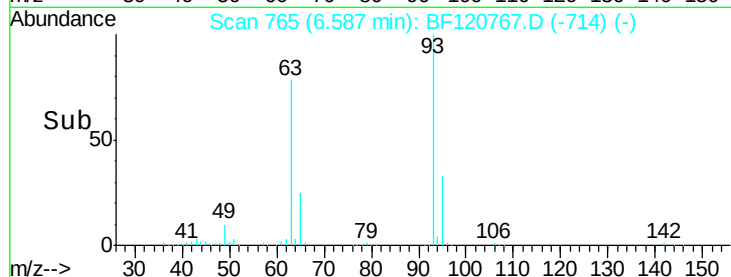
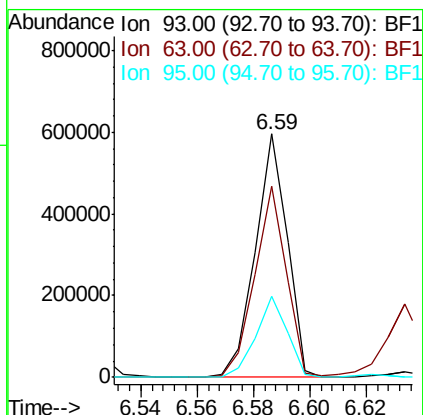
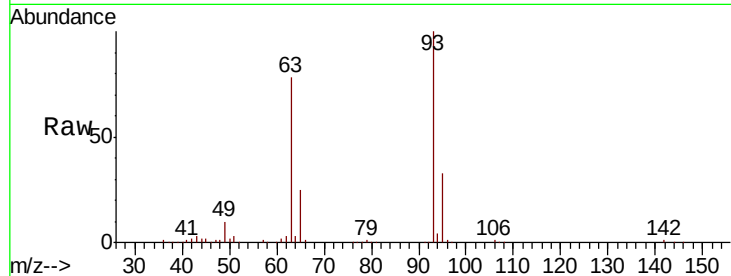




#11
bis(2-Chloroethyl)ether
Concen: 38.777 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

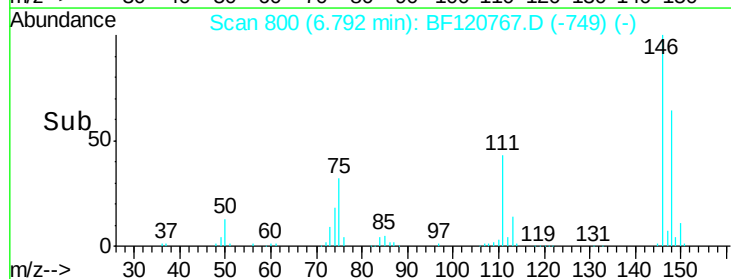
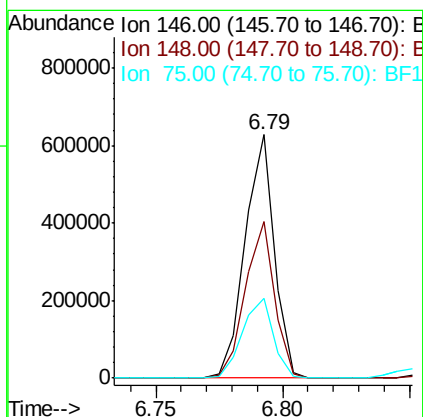
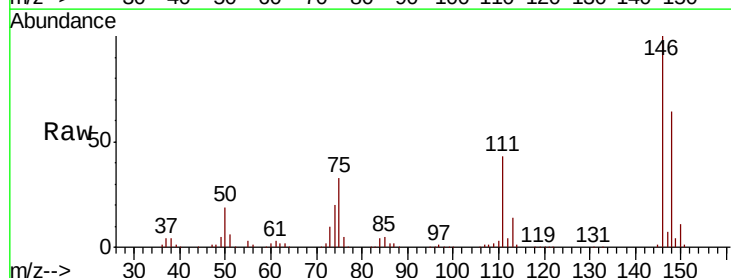
Instrument :
BNA_P
ClientSampleId :

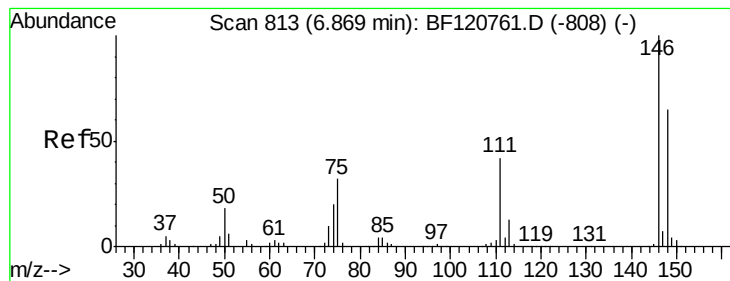
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	56.9	96.9
95	33.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 38.228 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	32.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

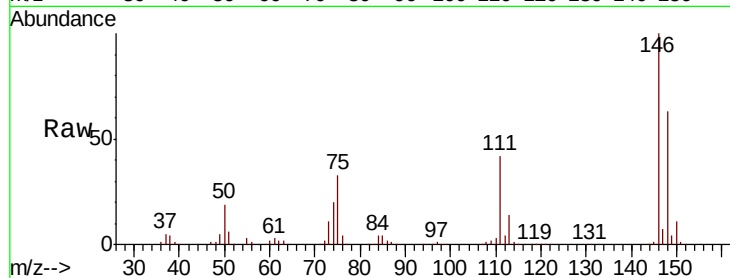
Tot Ion:146 Resp: 507626

Ion Ratio Lower Upper

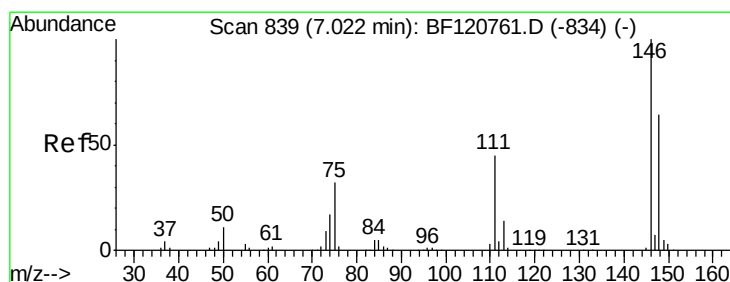
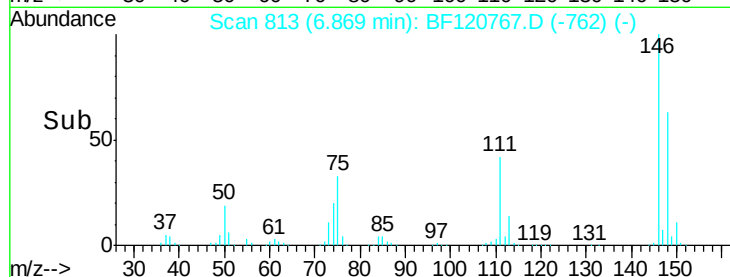
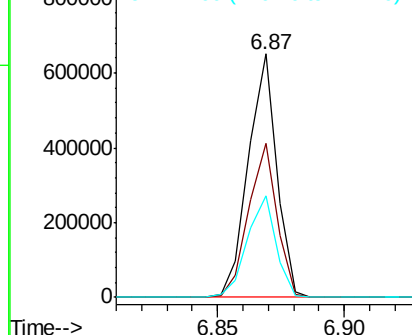
146 100

148 63.1 51.8 77.6

111 41.9 33.7 50.5



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: 38.767 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

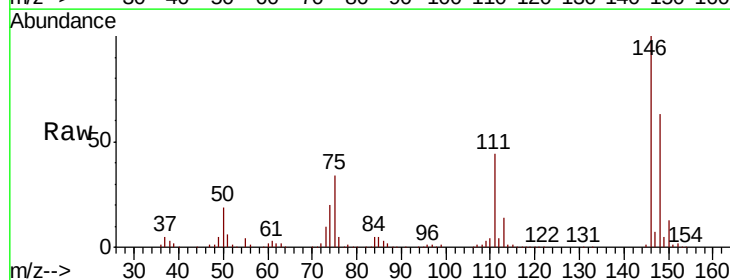
Tgt Ion:146 Resp: 485987

Ion Ratio Lower Upper

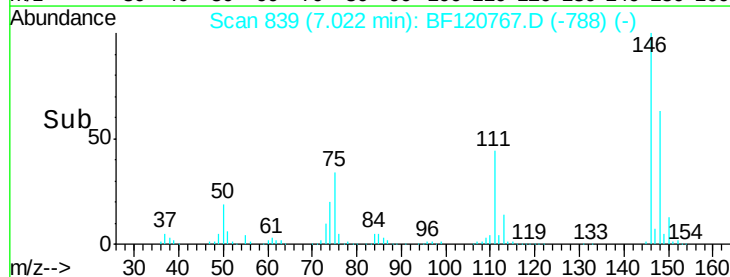
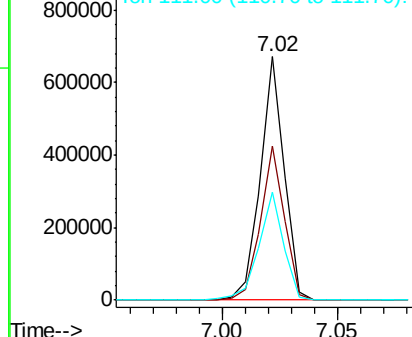
146 100

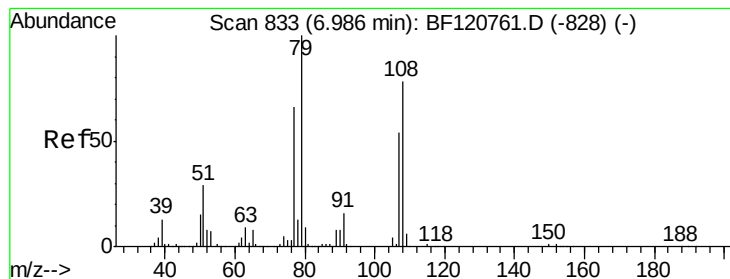
148 63.5 51.0 76.4

111 44.2 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 38.599 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

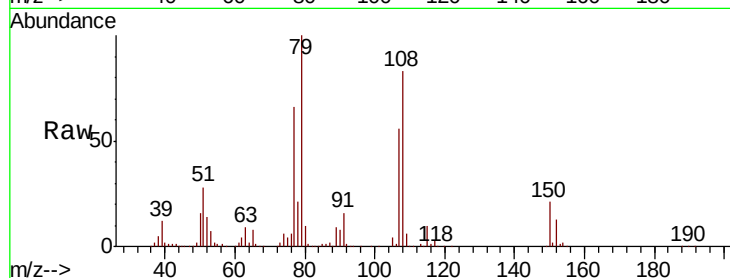
Tot Ion: 79 Resp: 415767

Ion Ratio Lower Upper

79 100

108 83.1 62.4 93.6

77 65.5 52.7 79.1



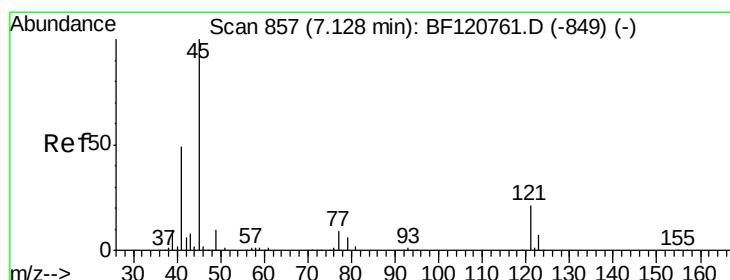
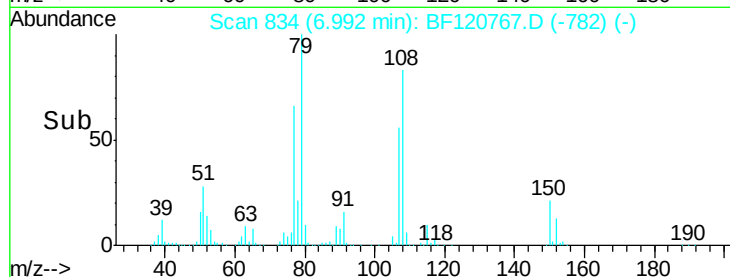
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.99

Time--> 6.90 6.95 7.00 7.05



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.735 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

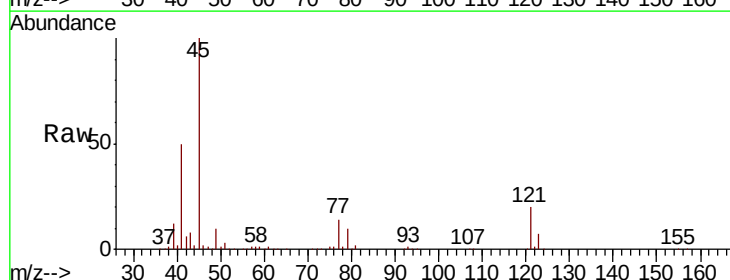
Tgt Ion: 45 Resp: 725062

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.7

79 10.1 0.0 30.5



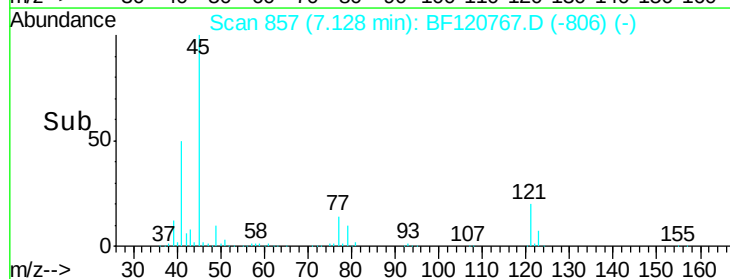
Abundance Ion 45.00 (44.70 to 45.70): BF1

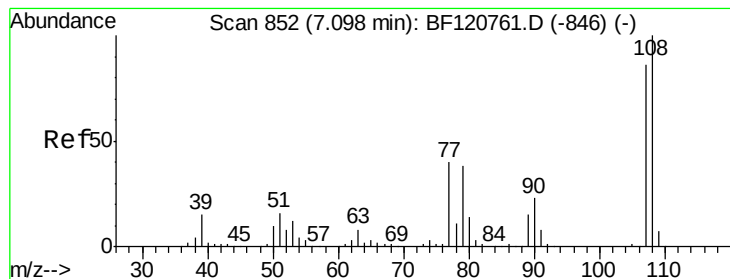
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.13

Time--> 7.05 7.10 7.15 7.20

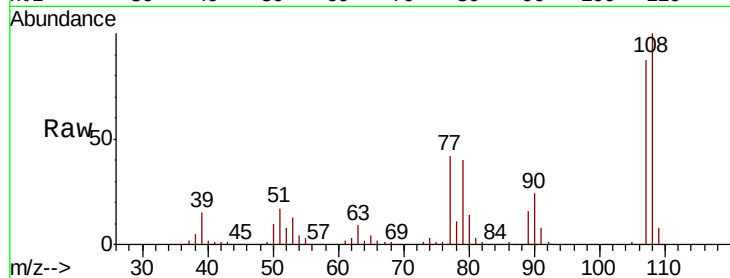




#17
2-Methylphenol
Concen: 38.443 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.1	139.7
77	48.4	37.3	55.9
79	45.3	35.3	52.9



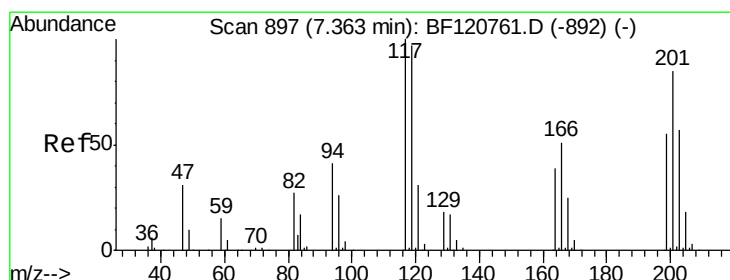
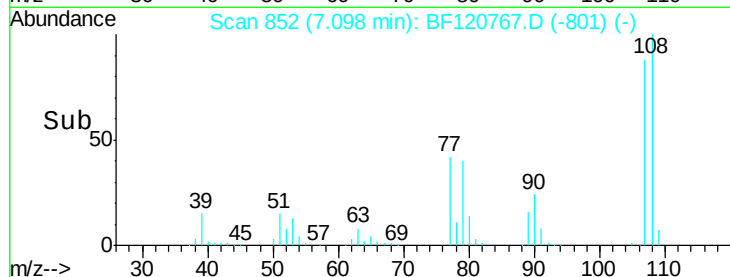
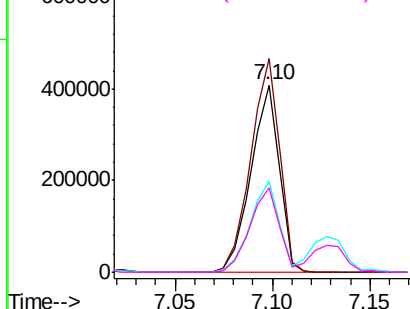
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

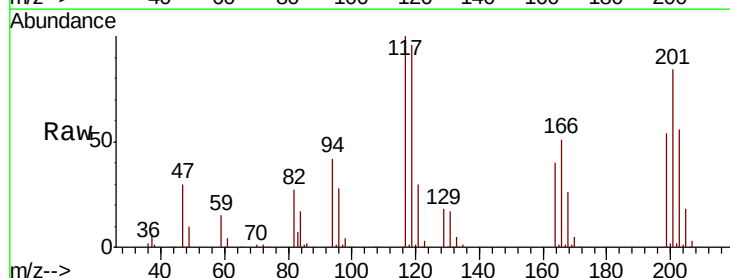
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.913 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.9	116.9
201	83.7	68.3	102.5

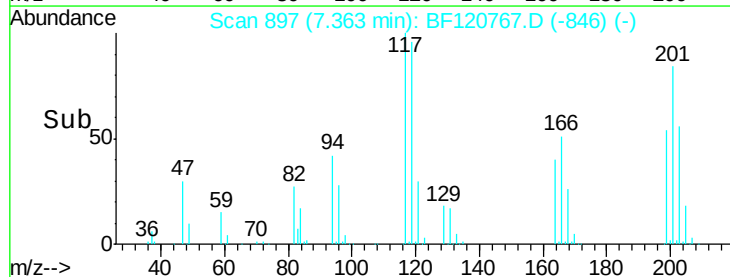
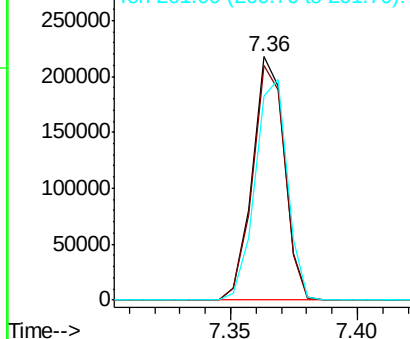


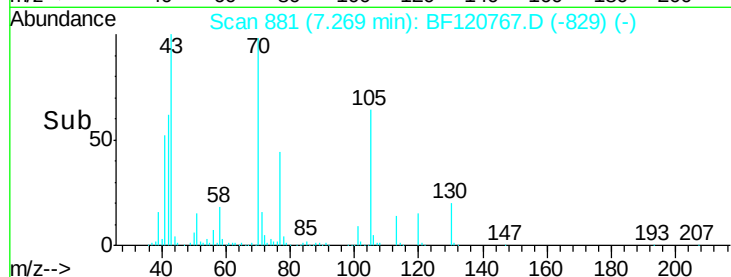
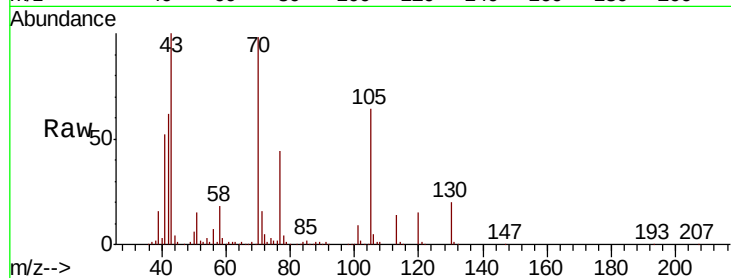
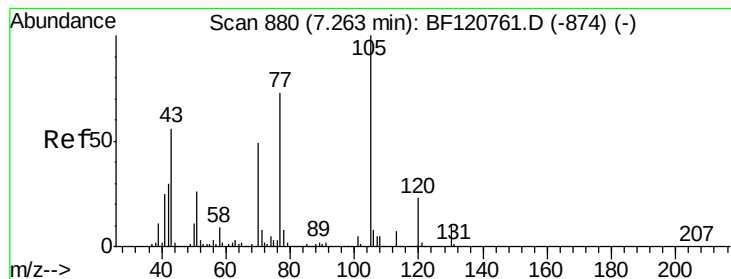
Abundance

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: 38.552 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

Tot Ion: 70 Resp: 332777

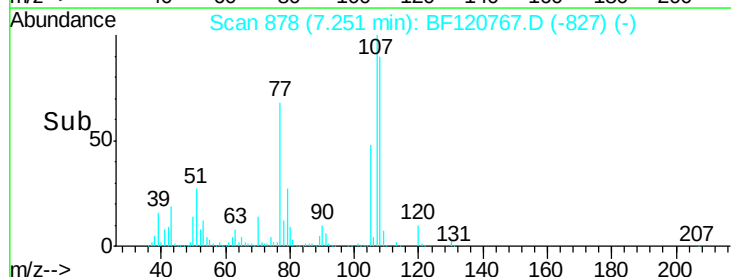
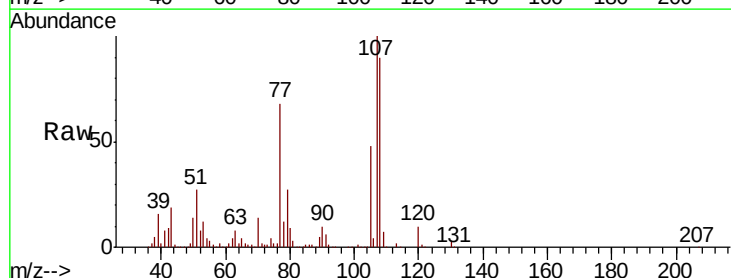
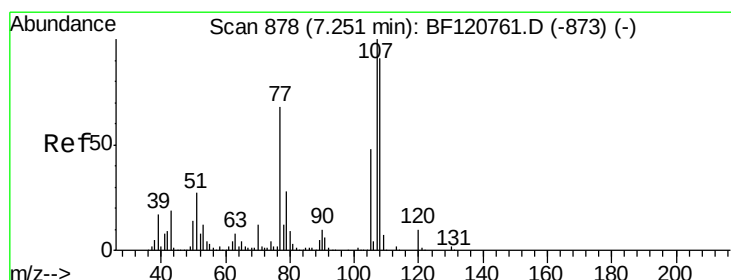
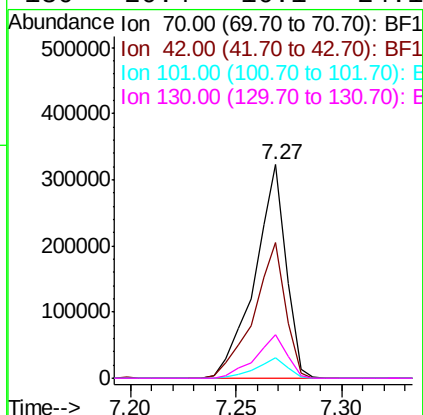
Ion Ratio Lower Upper

70 100

42 63.2 50.3 75.5

101 9.4 7.5 11.3

130 20.4 16.1 24.1



#20

3+4-Methylphenols

Concen: 38.574 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion:107 Resp: 507985

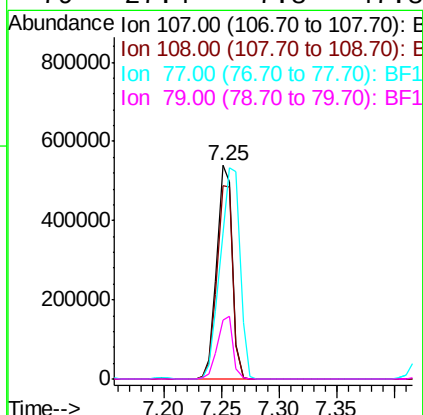
Ion Ratio Lower Upper

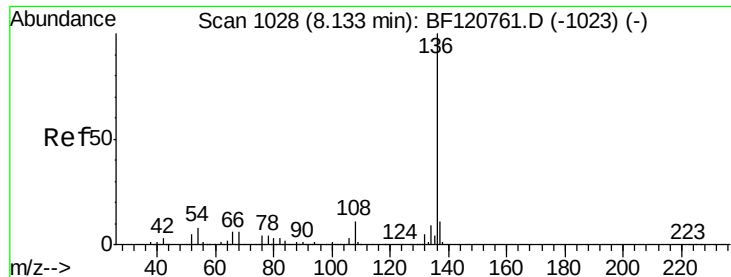
107 100

108 90.4 70.9 110.9

77 68.4 48.3 88.3

79 27.4 7.8 47.8

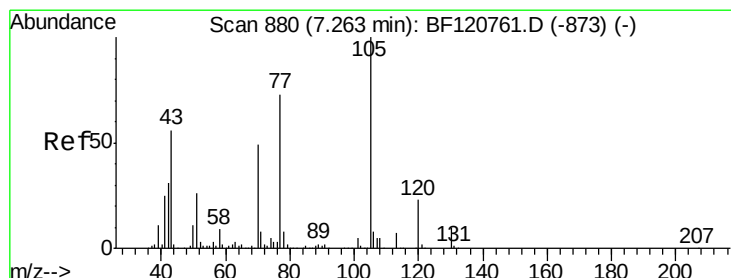
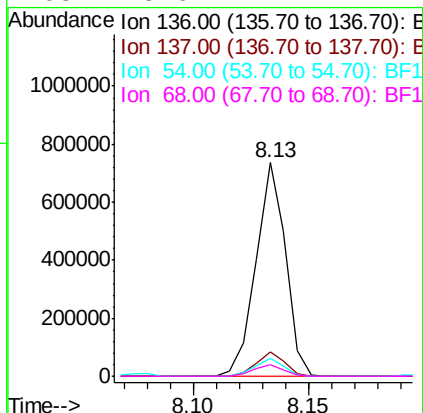
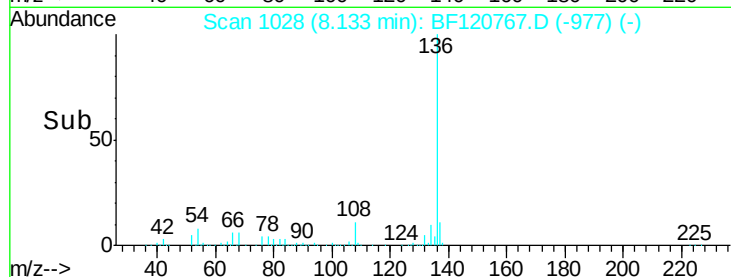
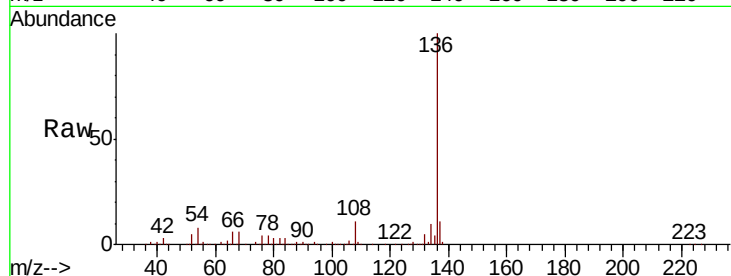




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

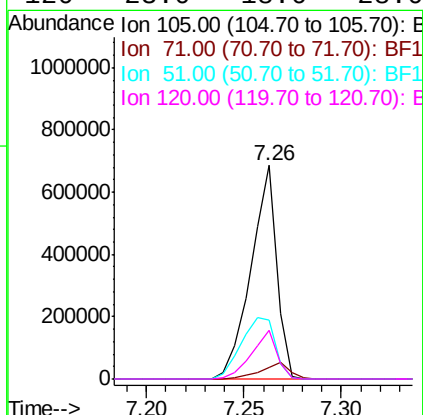
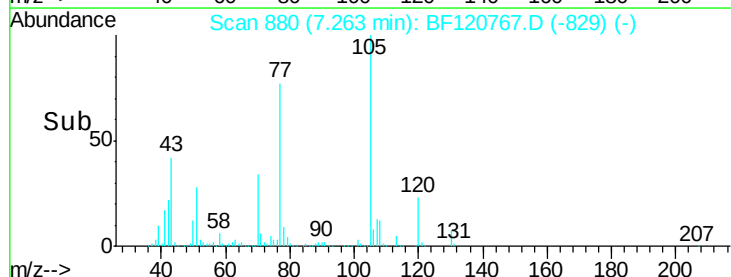
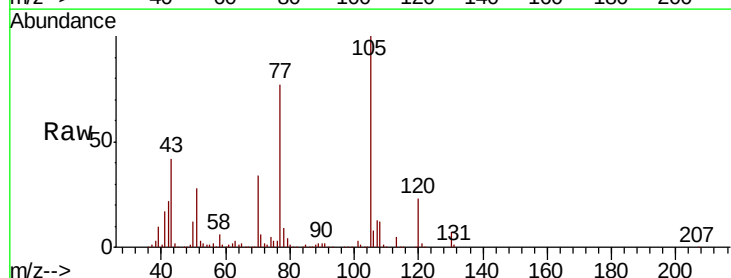
Instrument :
BNA_P
ClientSampleId :

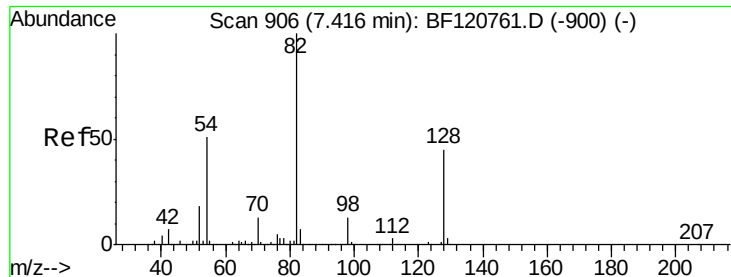
Tot Ion:136	Resp:	659149
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.6
54	8.3	6.2 9.4
68	5.6	4.7 7.1



#22
Acetophenone
Concen: 38.416 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:105	Resp:	629408
Ion	Ratio	Lower Upper
105	100	
71	5.6	6.5 9.7#
51	27.7	21.0 31.4
120	23.0	18.6 28.0

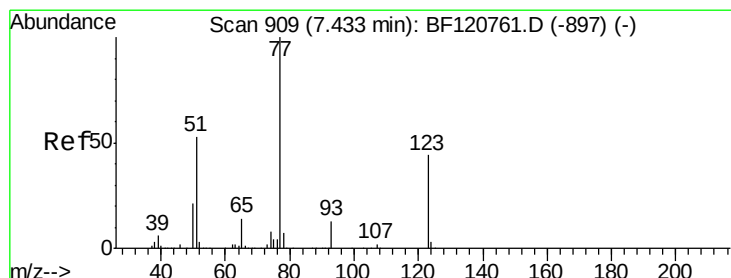
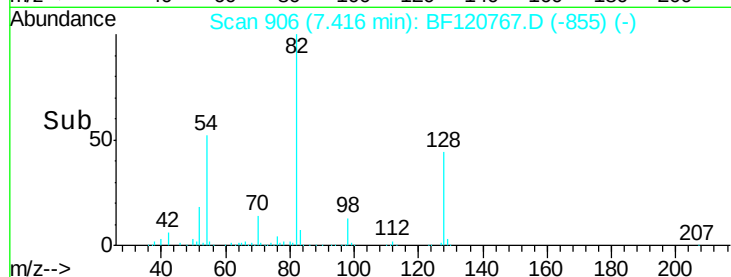
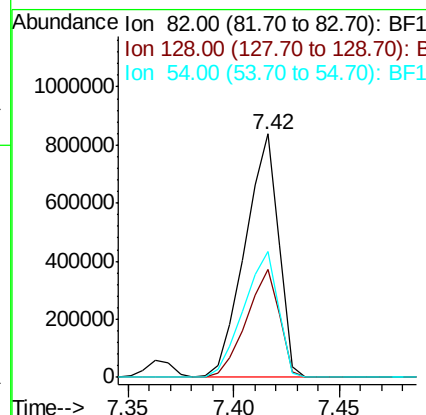
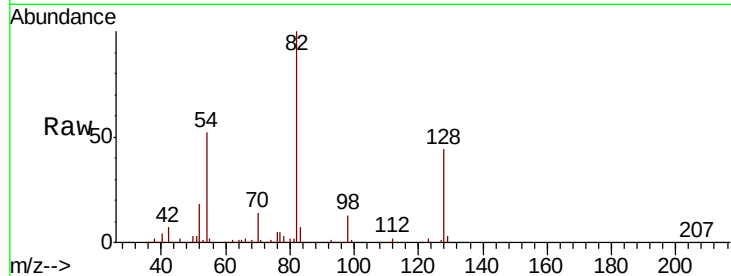




#23
Nitrobenzene-d5
Concen: 81.419 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

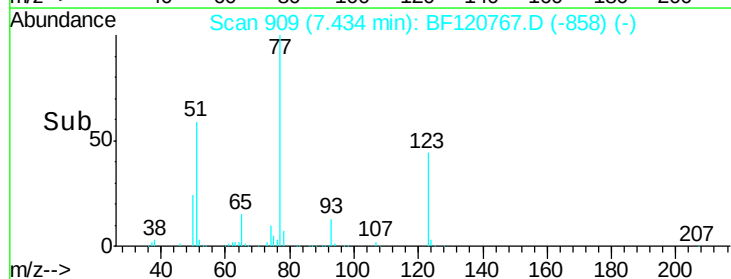
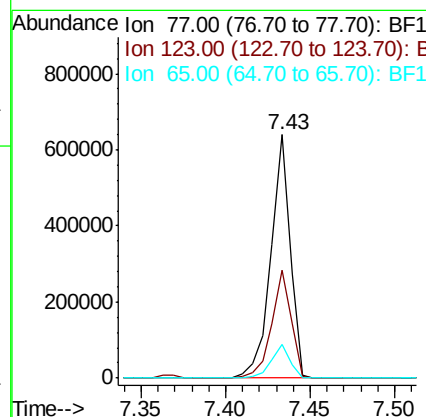
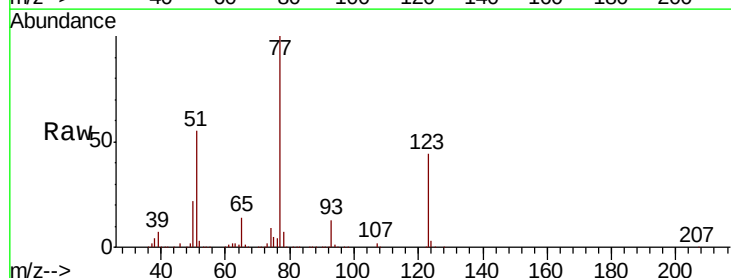
Instrument :
BNA_P
ClientSampleId :

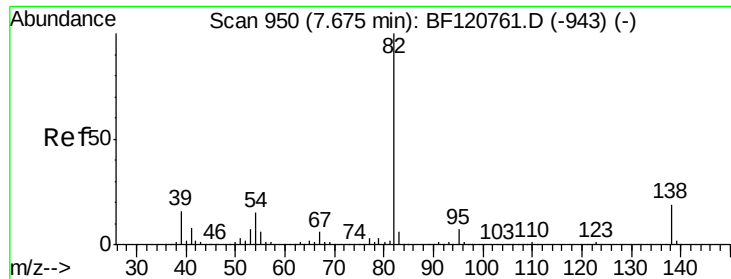
Tot Ion	82	Resp	926295
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.7	53.5
54	51.9	40.9	61.3



#24
Nitrobenzene
Concen: 39.764 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	77	Resp	507944
Ion Ratio	Lower	Upper	
77	100		
123	44.3	36.1	54.1
65	13.8	11.0	16.4





#25

Isophorone

Concen: 38.255 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

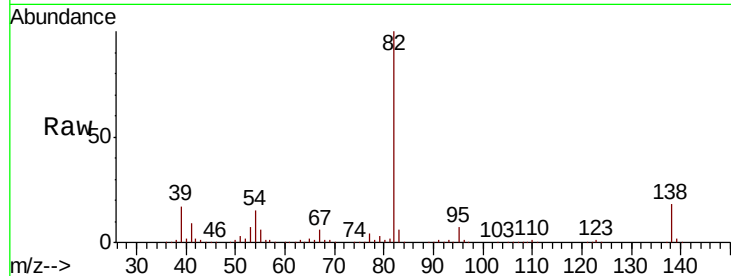
Tot Ion: 82 Resp: 938589

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

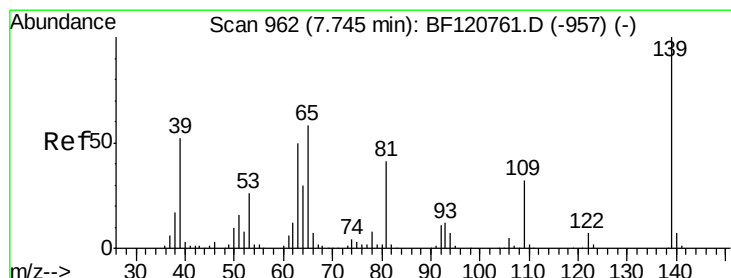
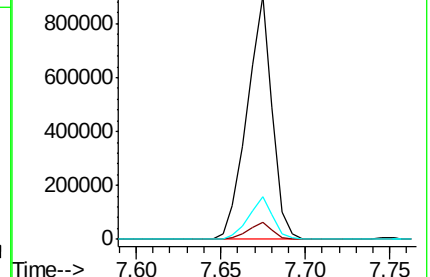
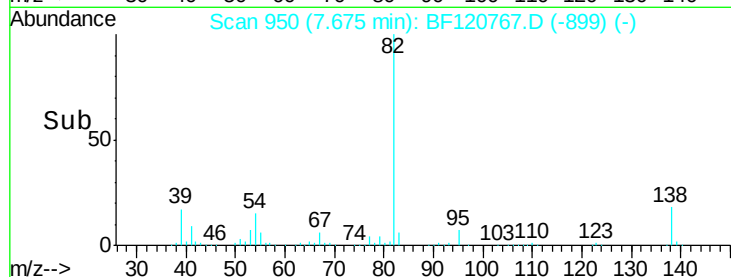
138 17.6 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.174 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

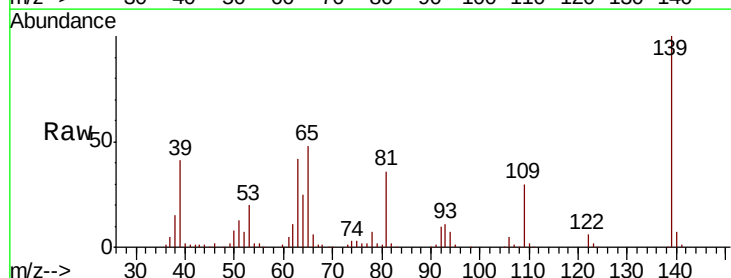
Tgt Ion: 139 Resp: 188534

Ion Ratio Lower Upper

139 100

109 30.1 25.3 37.9

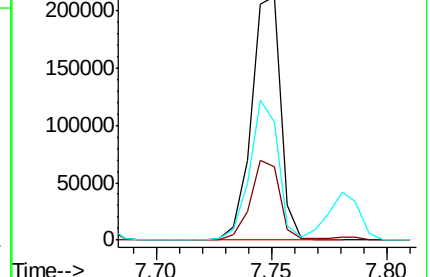
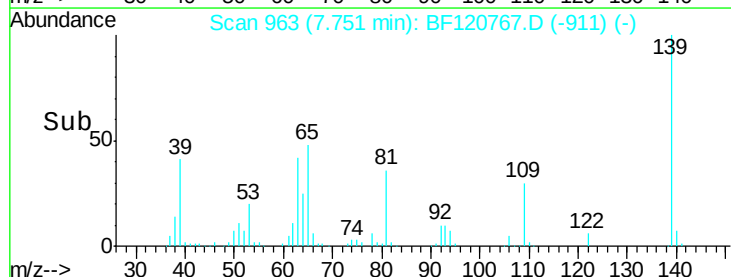
65 48.3 46.2 69.2

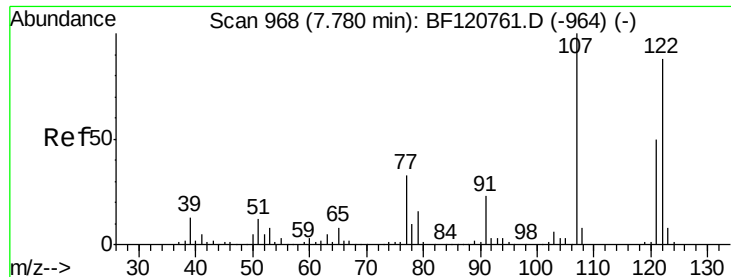


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

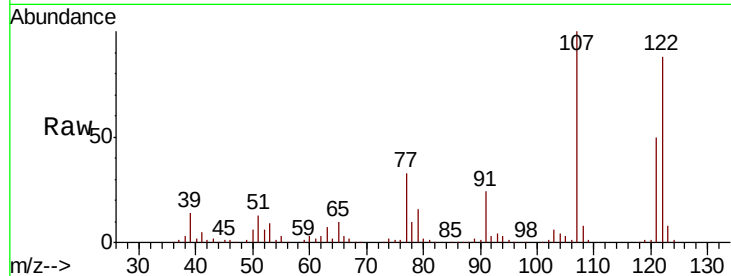




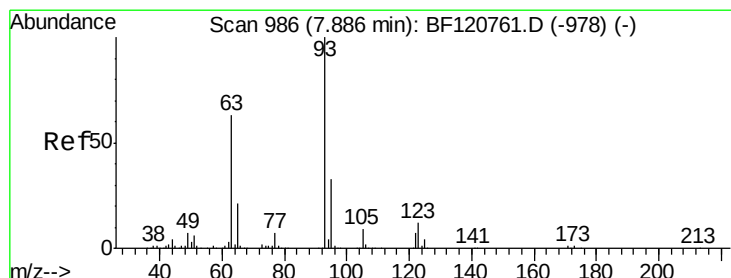
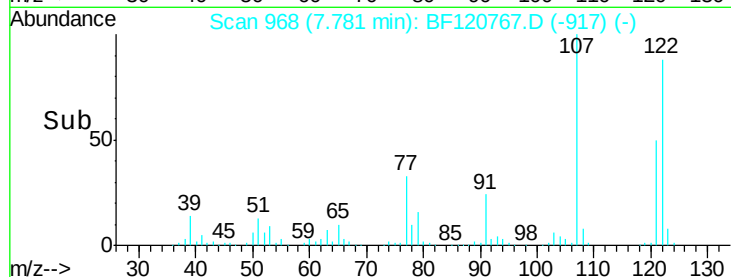
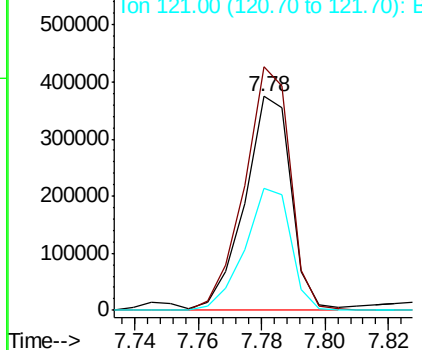
#27
2,4-Dimethylphenol
Concen: 38.837 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion:122 Resp: 380376
Ion Ratio Lower Upper
122 100
107 113.9 90.7 136.1
121 56.9 45.4 68.0

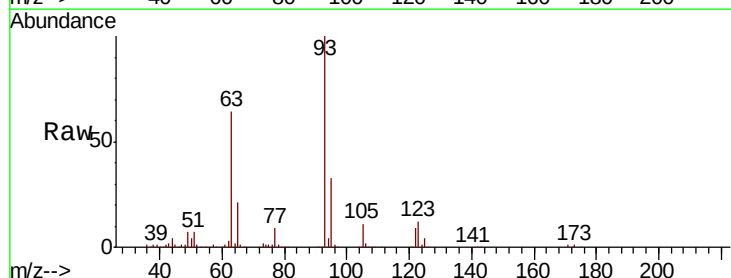


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

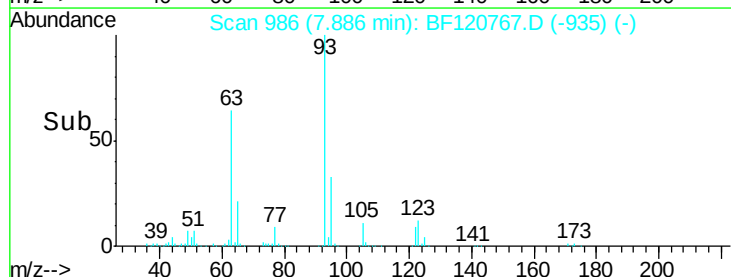
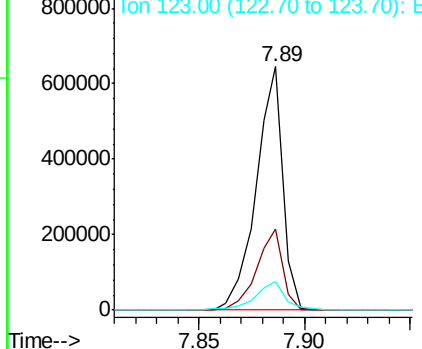


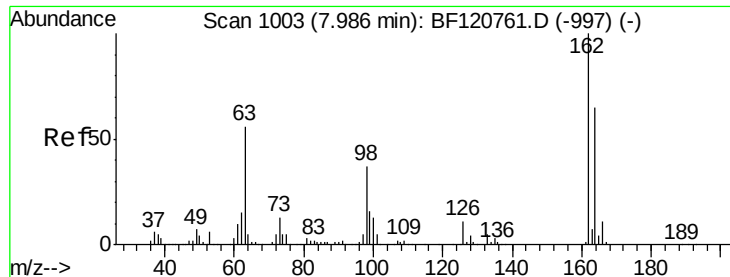
#28
bis(2-Chloroethoxy)methane
Concen: 38.872 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion: 93 Resp: 564455
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.0 10.2 15.2



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

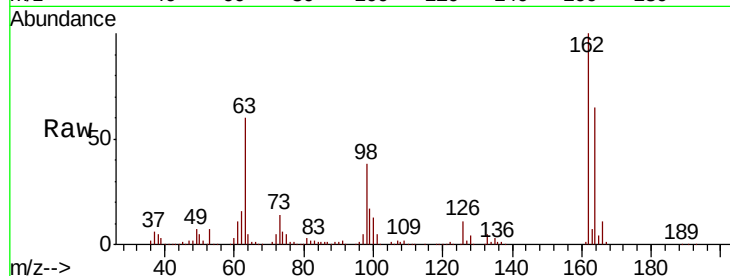




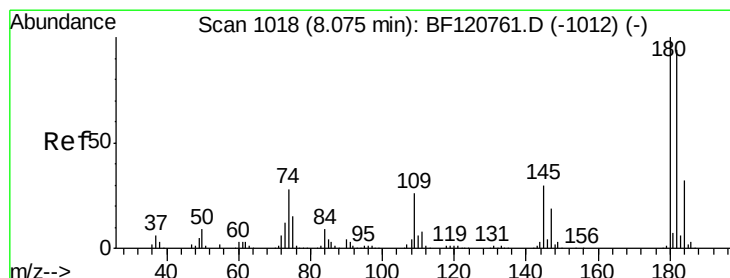
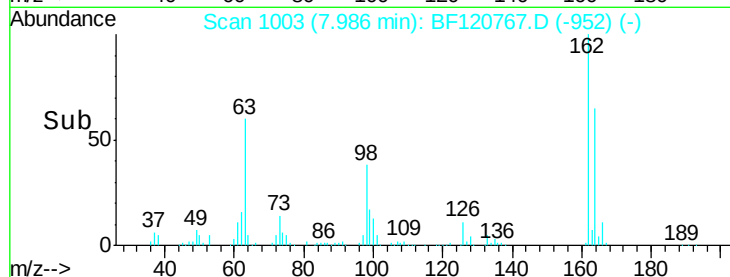
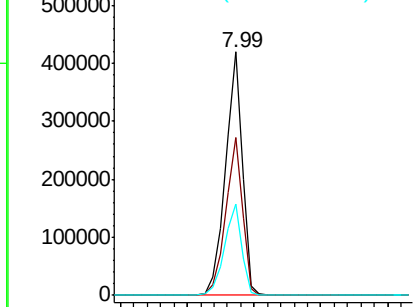
#29
2,4-Dichlorophenol
Concen: 38.516 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	37.7	17.0	57.0

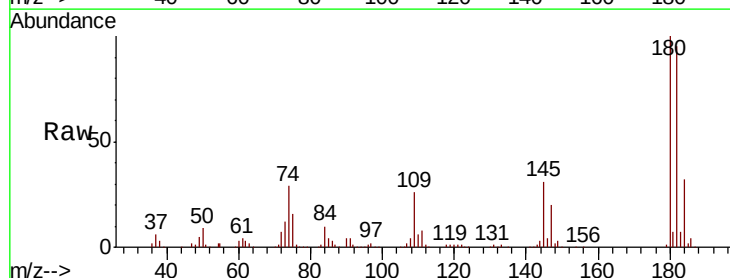


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

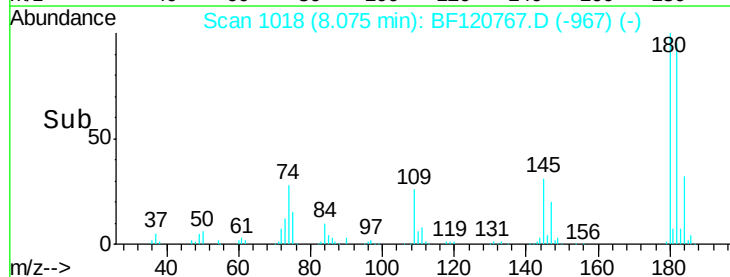
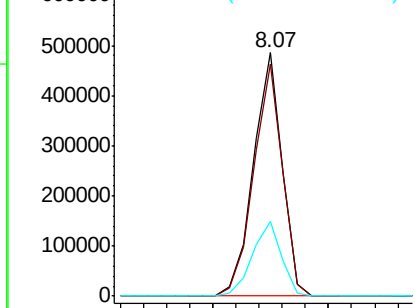


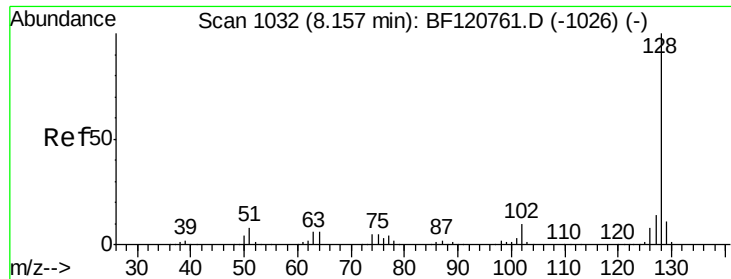
#30
1,2,4-Trichlorobenzene
Concen: 38.314 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	30.6	24.1	36.1



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

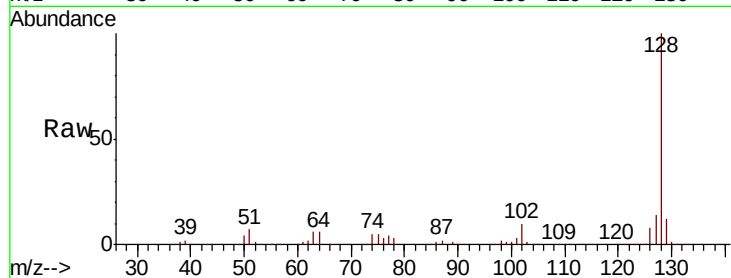




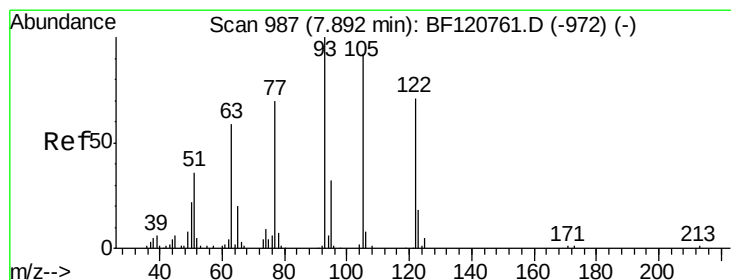
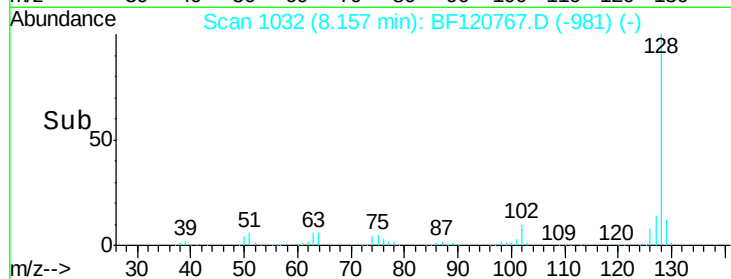
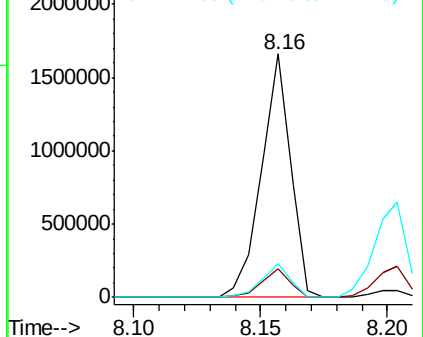
#31
Naphthalene
Concen: 38.219 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion:128 Resp: 1346323
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.9 11.1 16.7

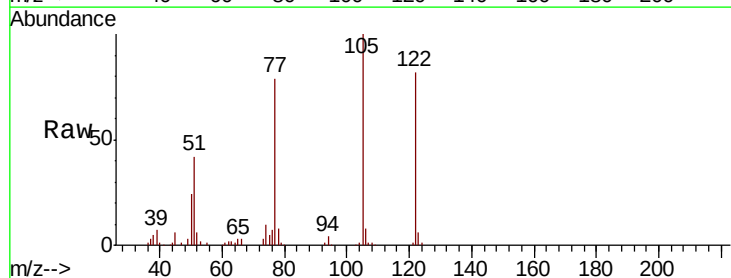


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

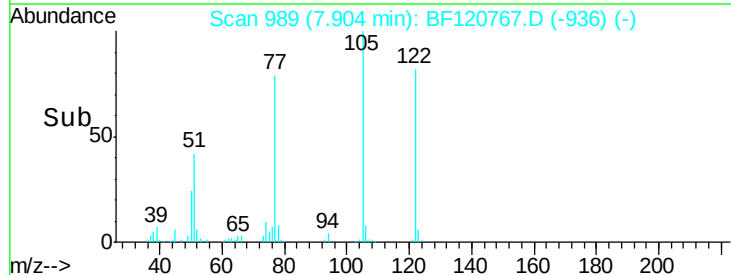
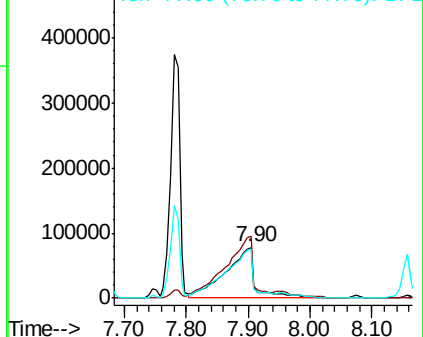


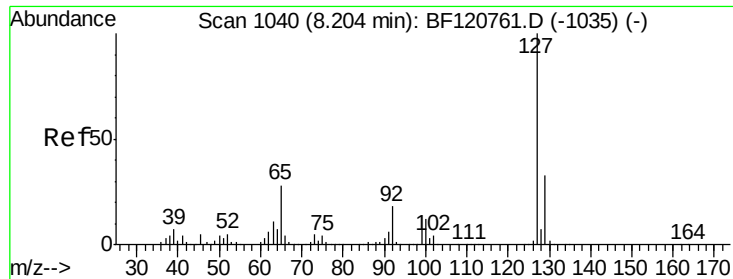
#32
Benzoic acid
Concen: 38.244 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:122 Resp: 258336
Ion Ratio Lower Upper
122 100
105 121.7 105.8 145.8
77 95.7 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

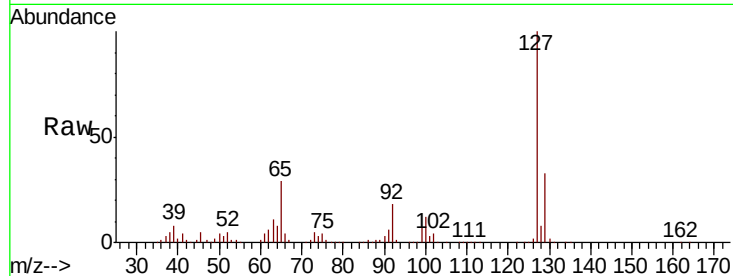




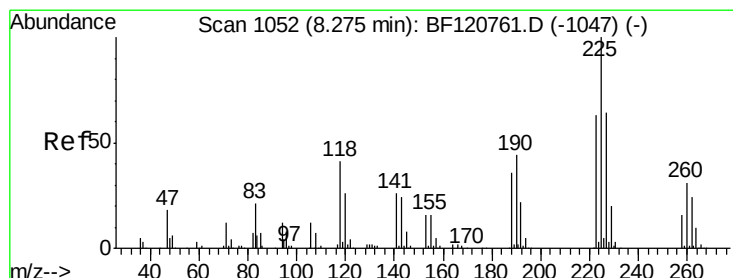
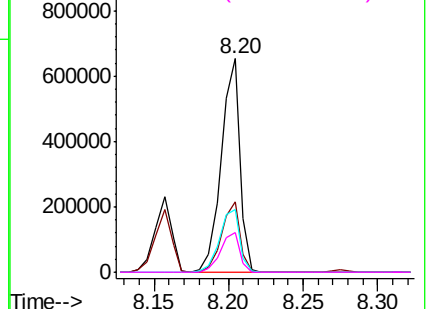
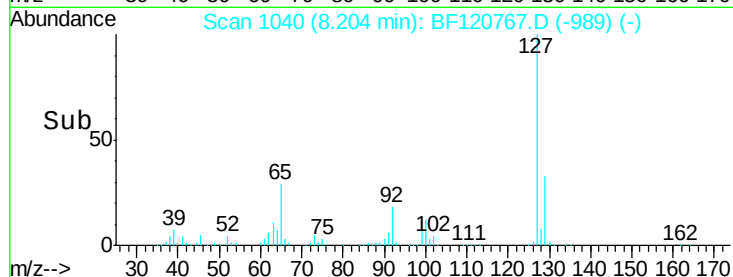
#33
4-Chloroaniline
Concen: 38.757 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	579349
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	29.2	22.7	34.1
92	18.4	14.3	21.5

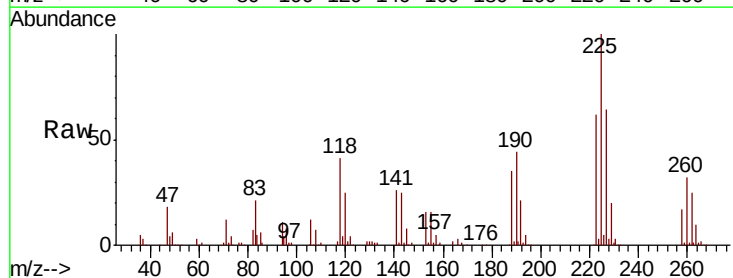


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

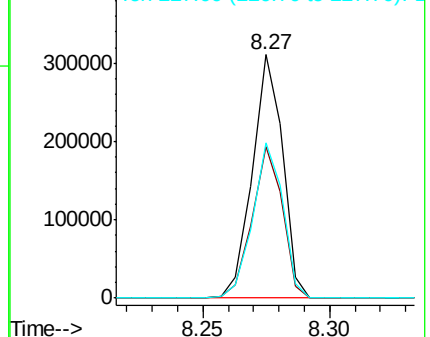
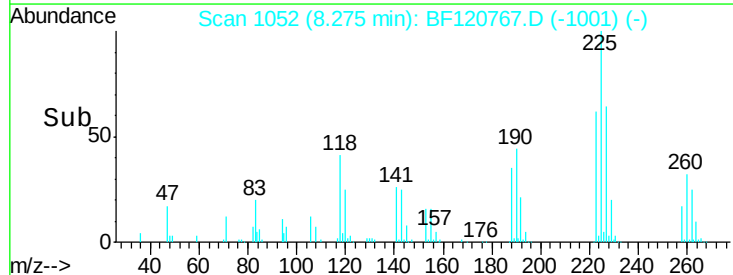


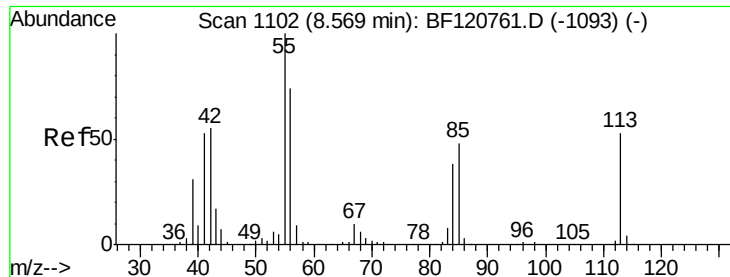
#34
Hexachlorobutadiene
Concen: 39.162 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:	225	Resp:	258663
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.6	51.4	77.2



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

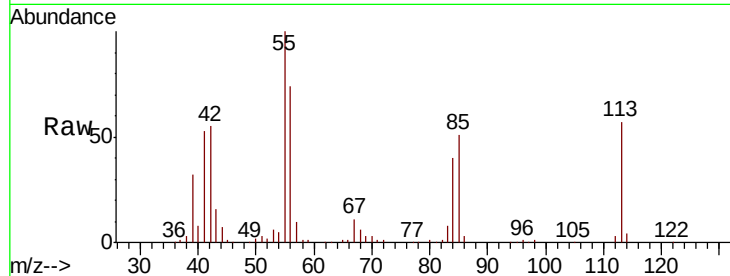




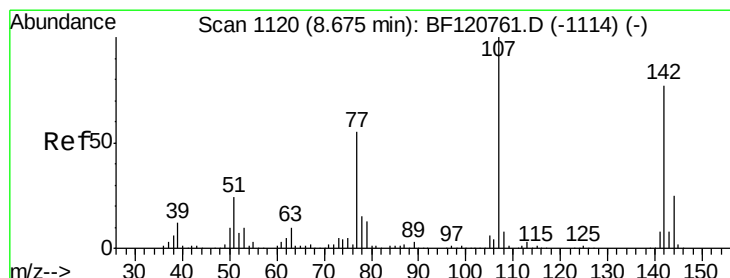
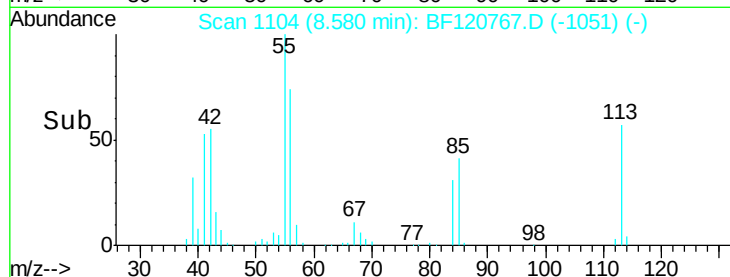
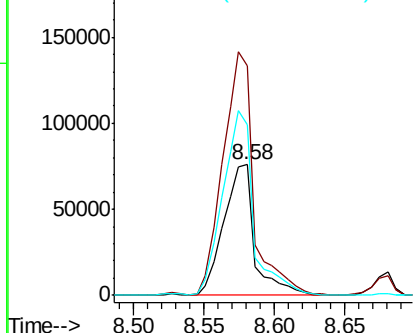
#35
Caprolactam
Concen: 40.752 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion:113 Resp: 116104
Ion Ratio Lower Upper
113 100
55 175.9 168.3 208.3
56 130.3 118.8 158.8

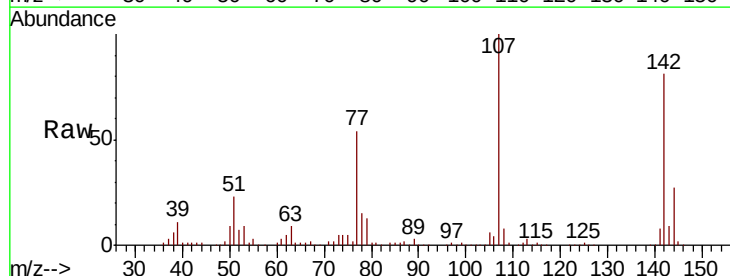


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

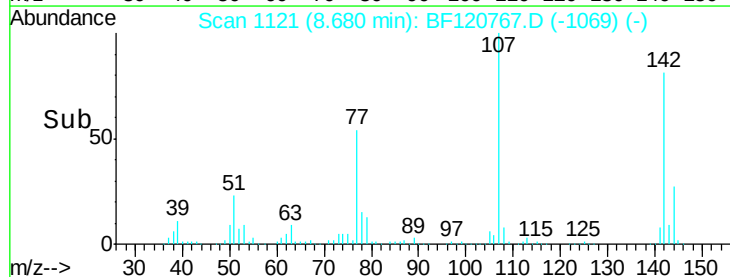
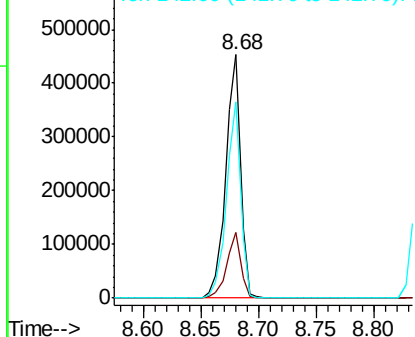


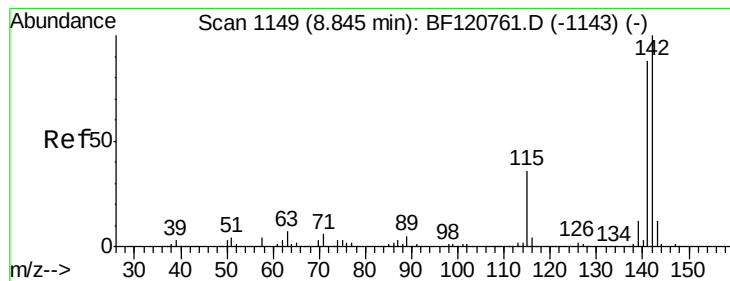
#36
4-Chloro-3-methylphenol
Concen: 39.656 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:107 Resp: 403329
Ion Ratio Lower Upper
107 100
144 27.0 19.7 29.5
142 80.7 61.2 91.8



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: 39.253 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

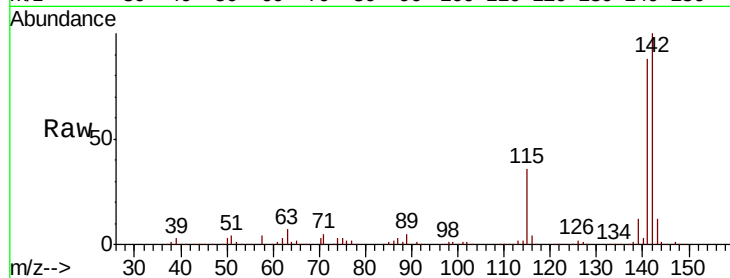
Tot Ion:142 Resp: 898873

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.4

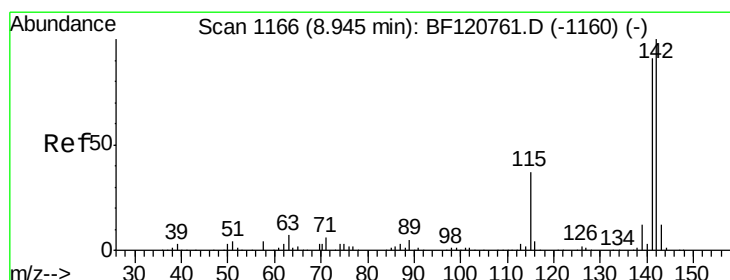
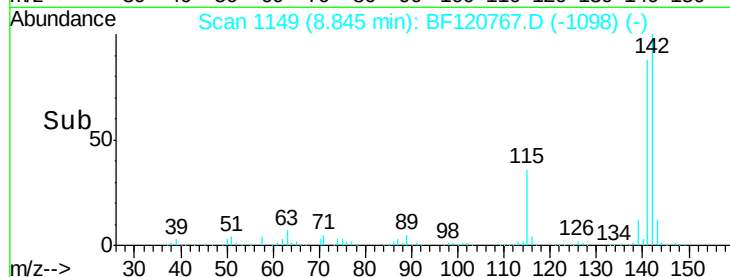
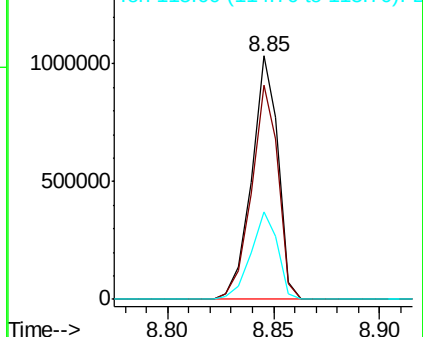
115 35.7 29.0 43.4



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: 39.543 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

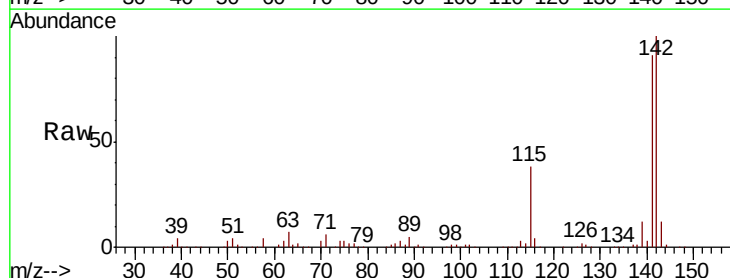
Tgt Ion:142 Resp: 848206

Ion Ratio Lower Upper

142 100

141 91.3 72.5 108.7

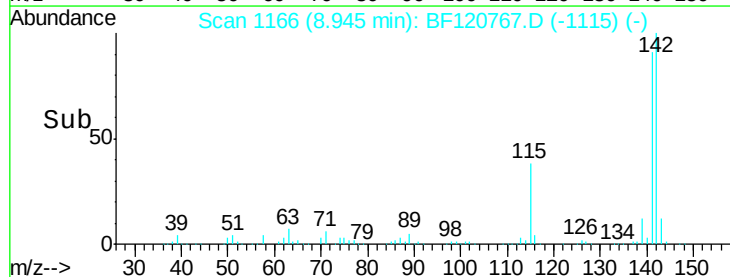
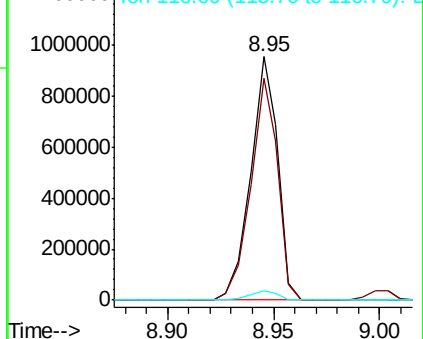
116 4.1 3.1 4.7

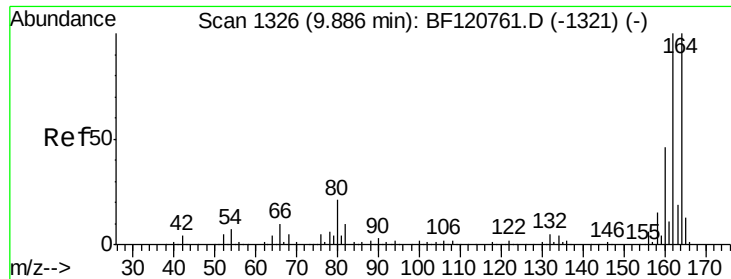


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

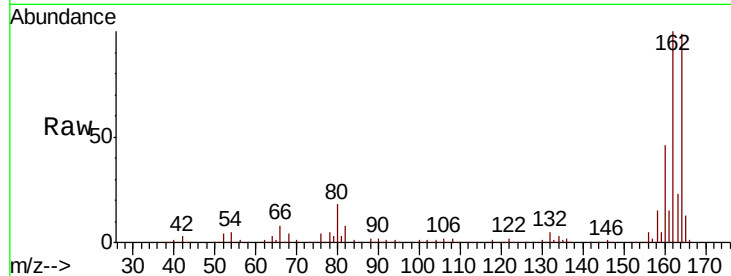




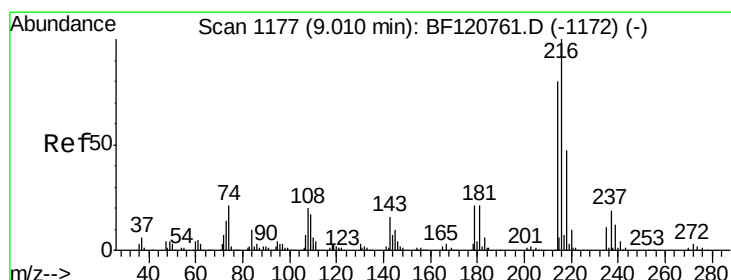
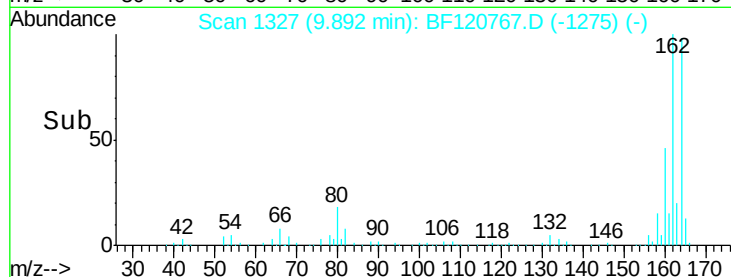
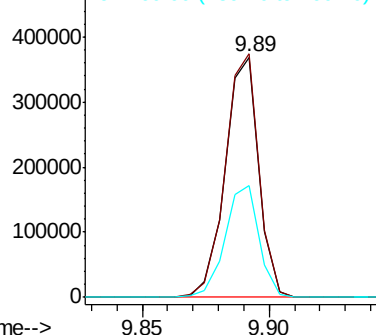
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampled :

Tot Ion:164 Resp: 339185
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 46.7 36.9 55.3

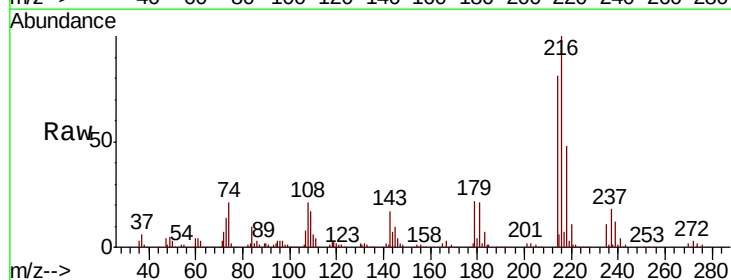


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

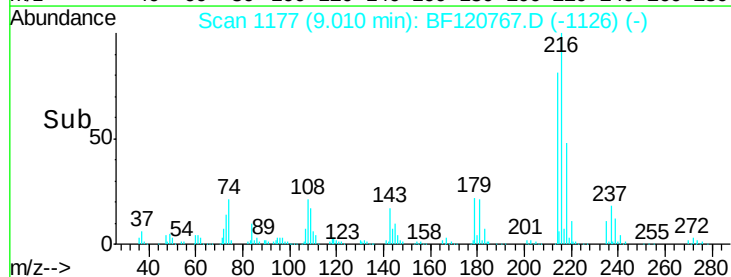
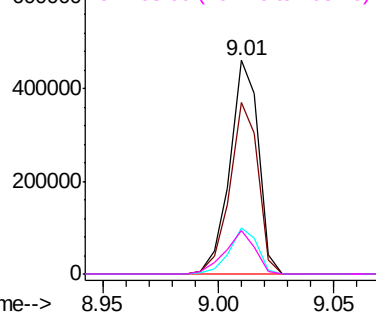


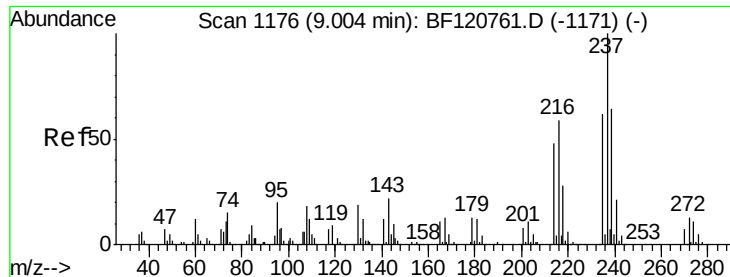
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.079 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:216 Resp: 400596
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.1 16.7 25.1
108 21.2 17.0 25.4



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: 38.034 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

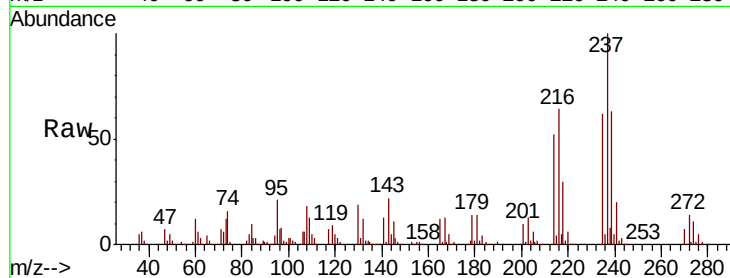
Tot Ion:237 Resp: 230358

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

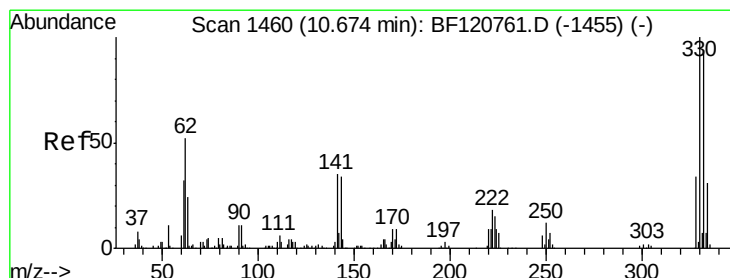
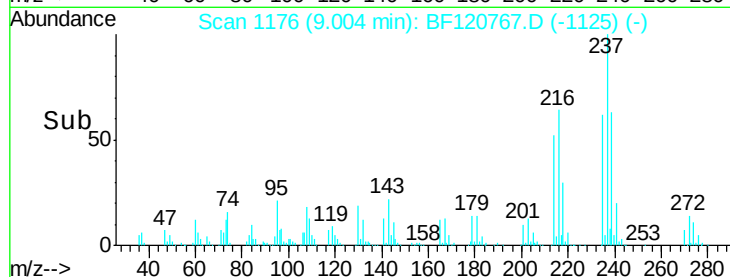
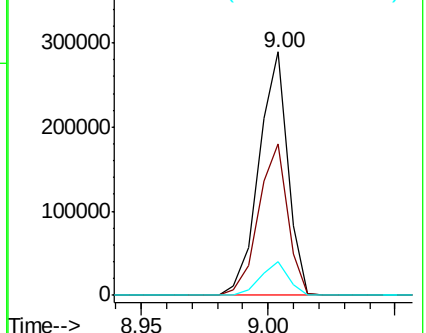
272 13.9 0.0 33.4



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: 84.192 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

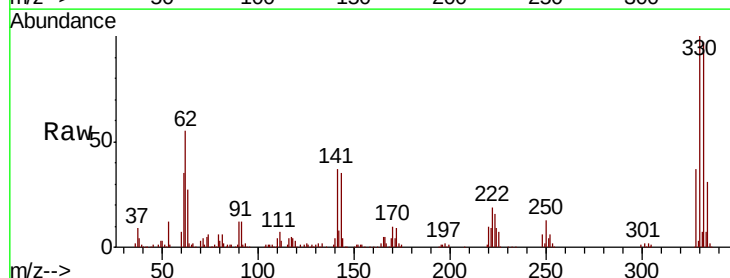
Tgt Ion:330 Resp: 286893

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

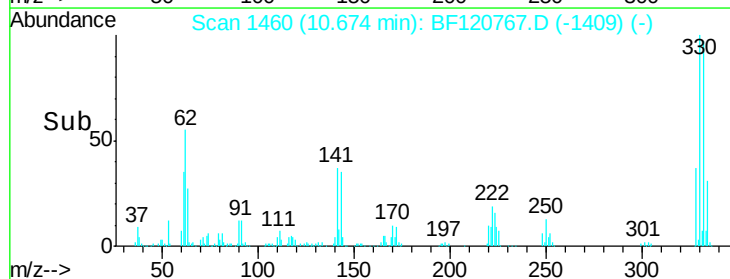
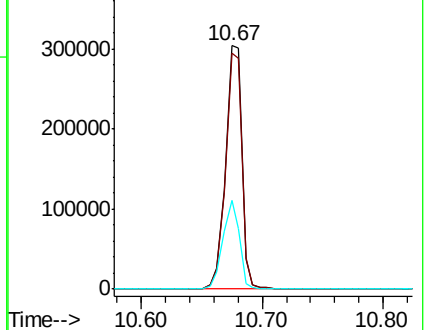
141 36.9 29.7 44.5

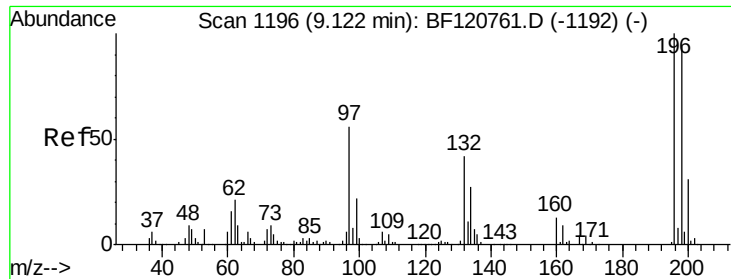


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

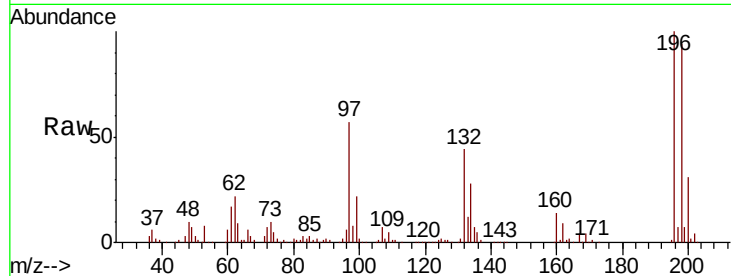




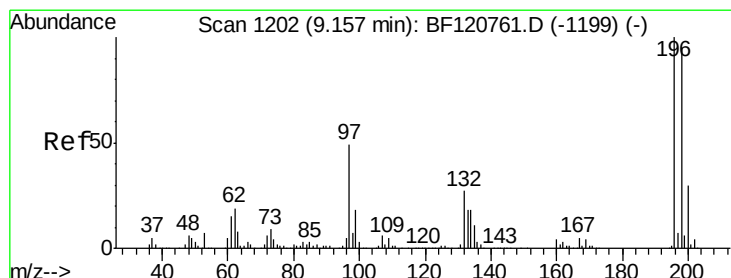
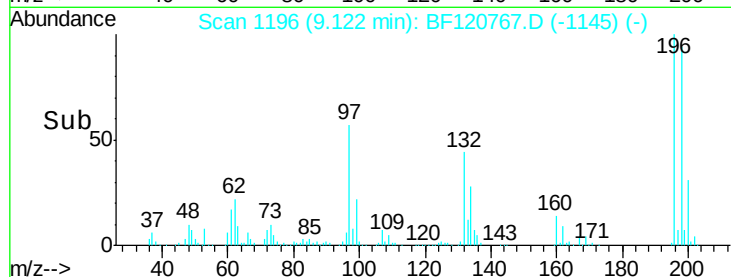
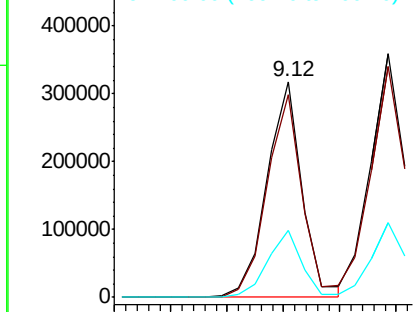
#43
 2,4,6-Trichlorophenol
 Concen: 39.102 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	196	Resp	273132
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.3	112.9
200	31.0	24.4	36.6



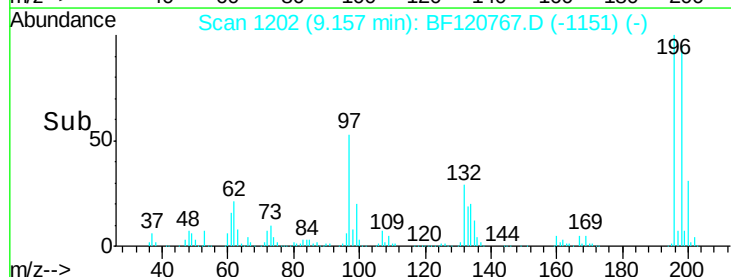
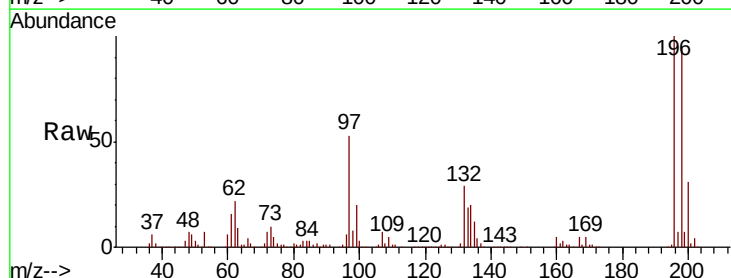
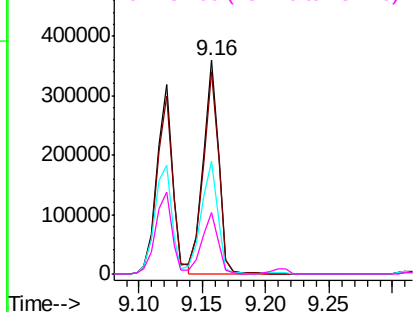
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

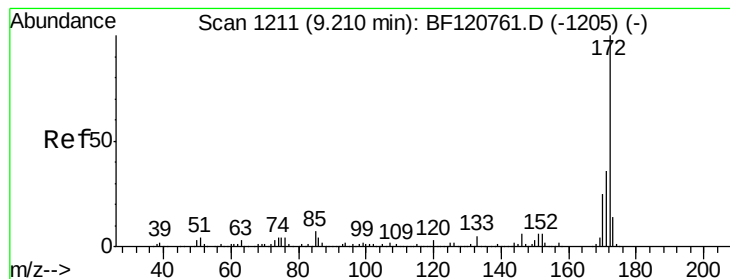


#44
 2,4,5-Trichlorophenol
 Concen: 38.794 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion	196	Resp	300728
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.2
97	52.7	39.6	59.4
132	28.7	22.0	33.0

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





#45

2-Fluorobiphenyl

Concen: 74.721 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

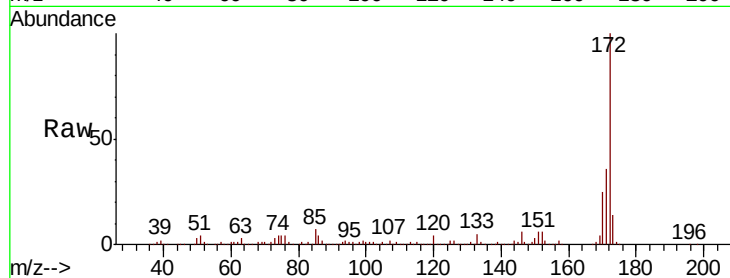
Tot Ion:172 Resp: 1675168

Ion Ratio Lower Upper

172 100

171 36.3 29.1 43.7

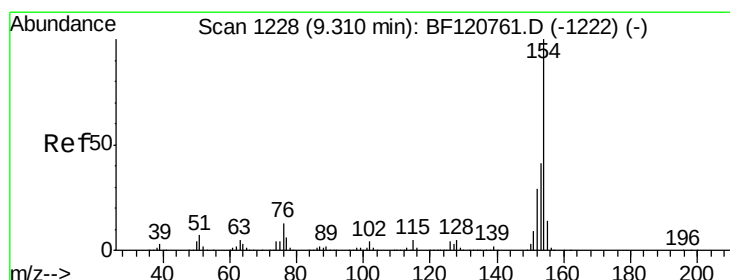
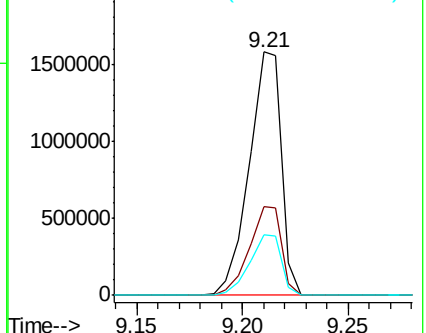
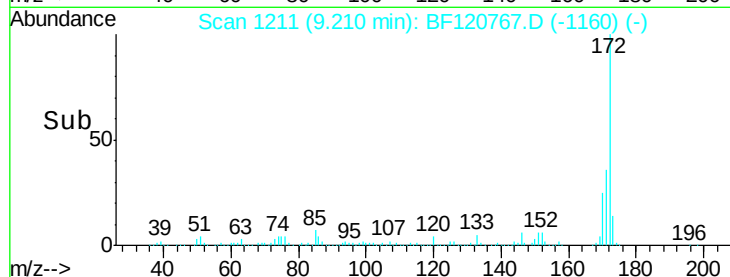
170 25.0 19.8 29.6



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: 38.538 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

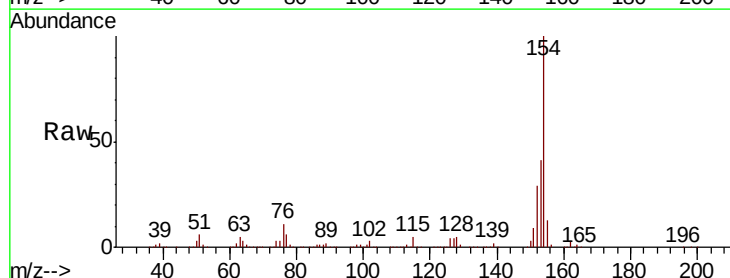
Tgt Ion:154 Resp: 1054383

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

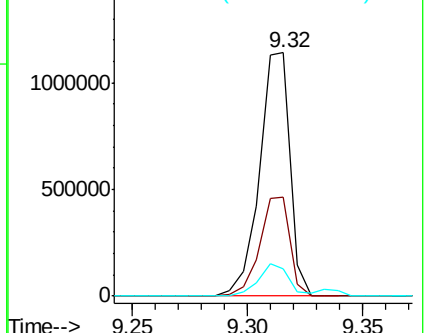
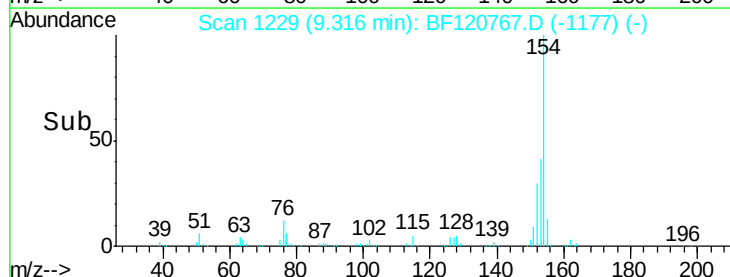
76 11.5 0.0 33.3

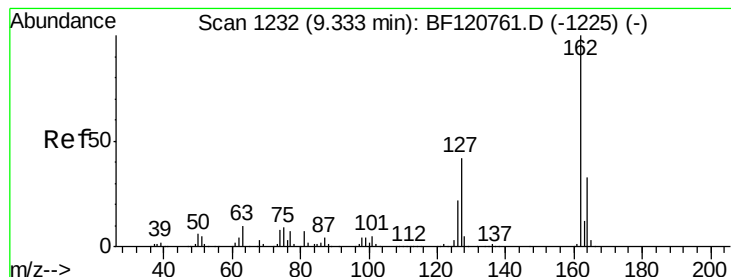


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.456 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

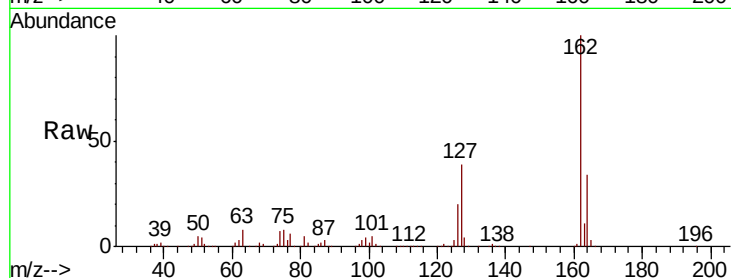
Tot Ion:162 Resp: 842896

Ion Ratio Lower Upper

162 100

127 39.3 33.7 50.5

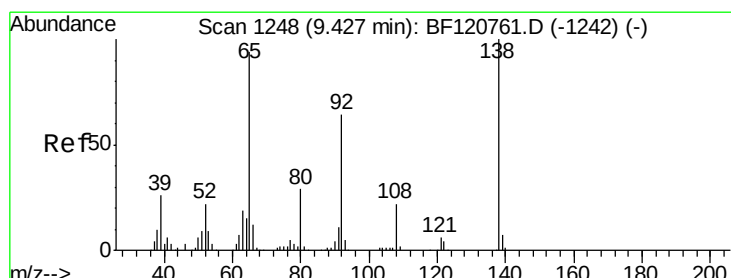
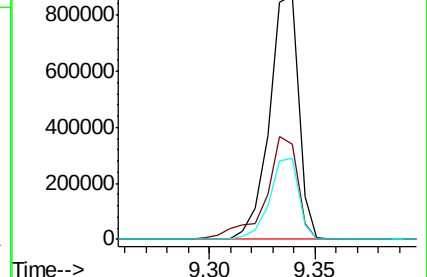
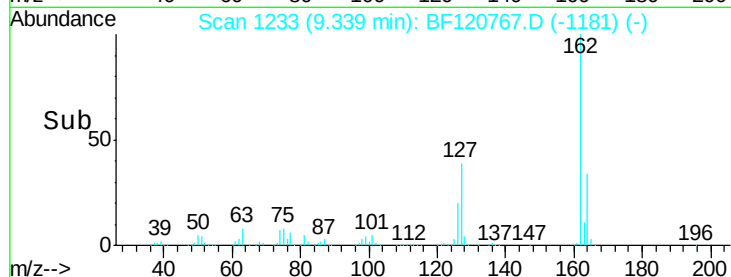
164 33.5 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.440 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

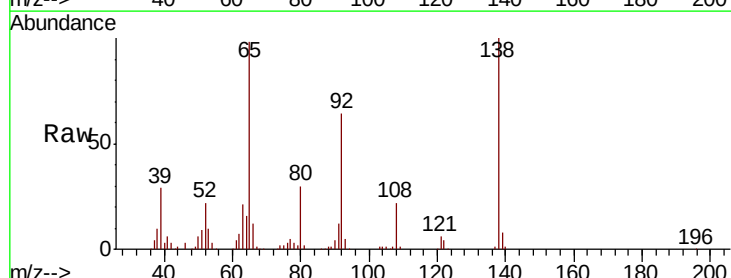
Tgt Ion: 65 Resp: 262546

Ion Ratio Lower Upper

65 100

92 65.8 54.4 81.6

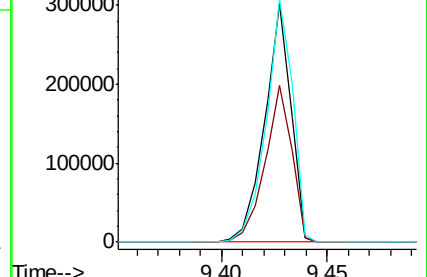
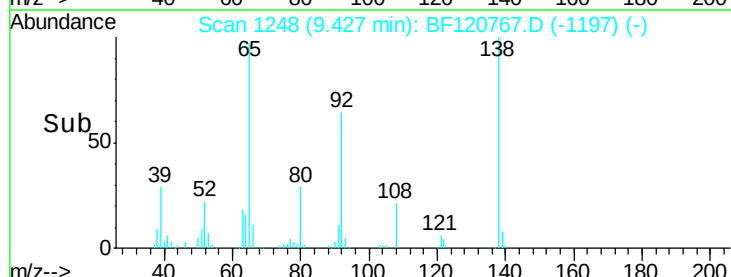
138 102.3 84.7 127.1

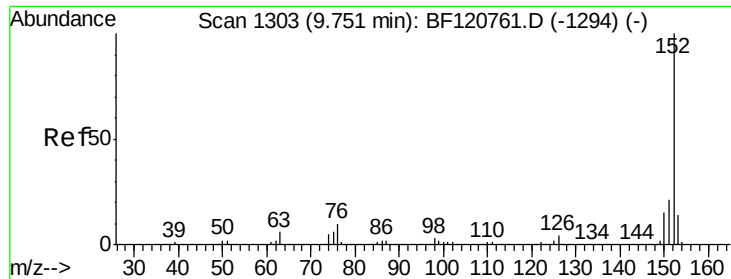


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.275 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

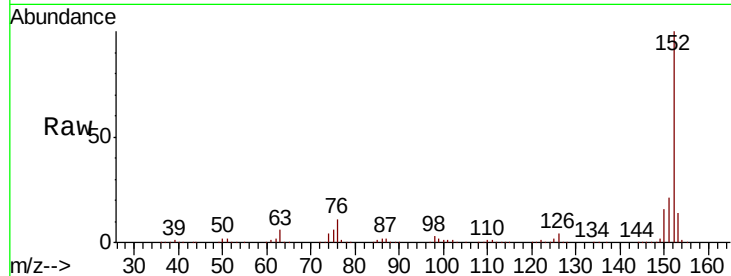
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1315292

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	13.8	10.8	16.2

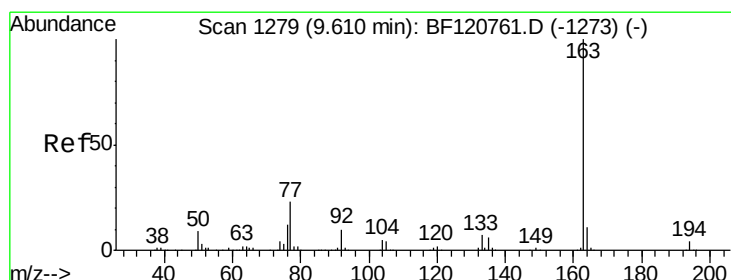
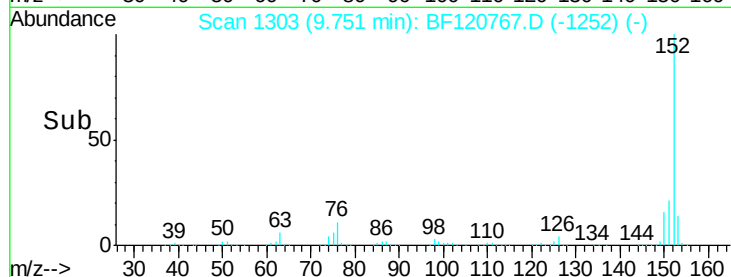
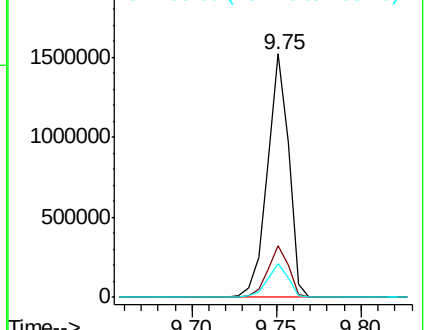


Abundance

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: 39.163 ng

RT: 9.62 min Scan# 1280

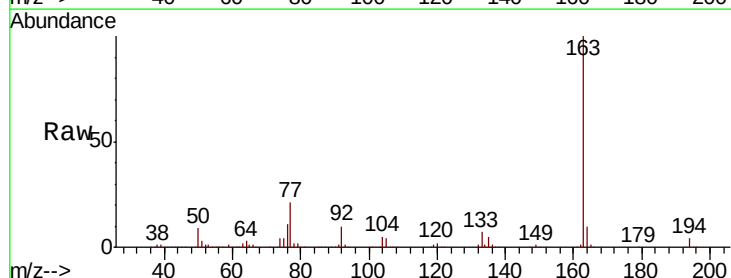
Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion:163 Resp: 968993

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.4	8.5	12.7

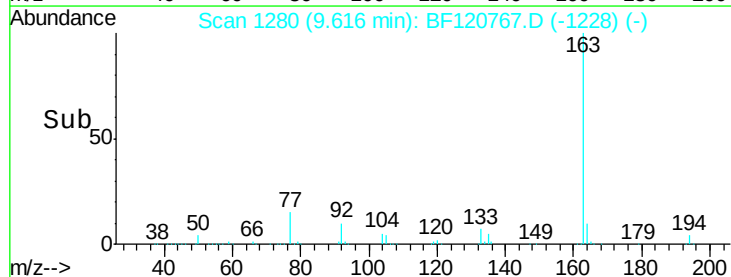
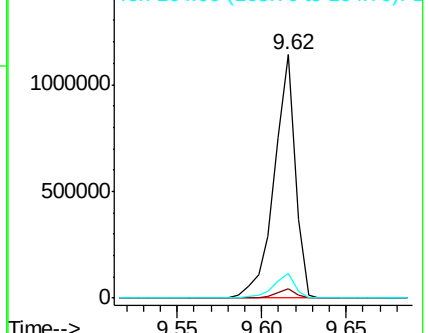


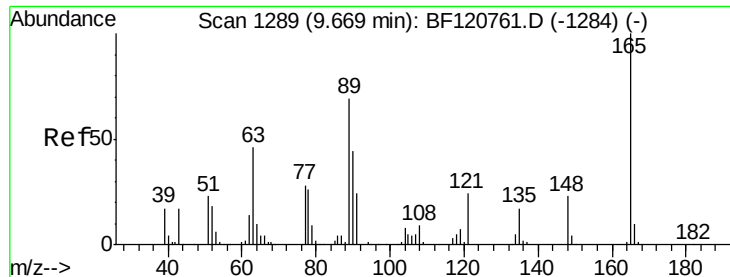
Abundance

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: 40.346 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampled :

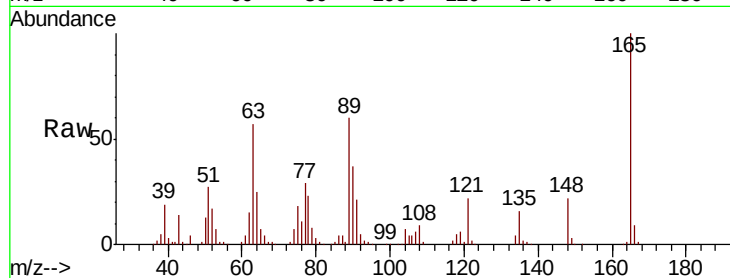
Tot Ion:165 Resp: 196521

Ion Ratio Lower Upper

165 100

63 57.3 54.0 81.0

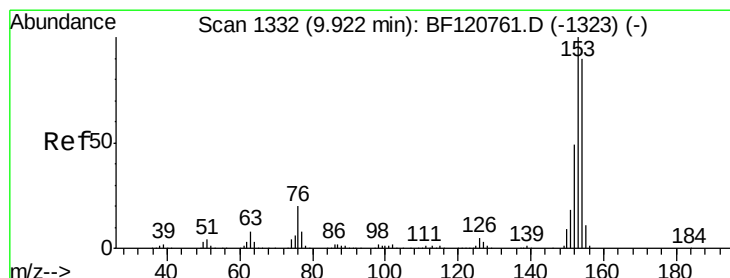
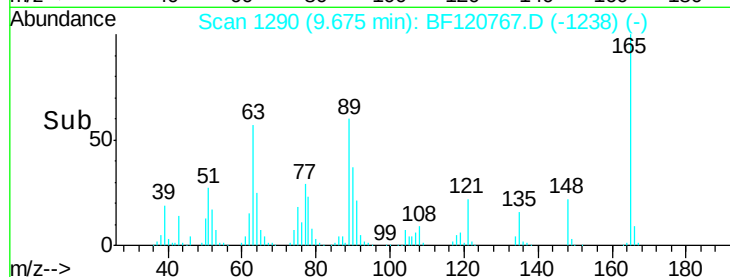
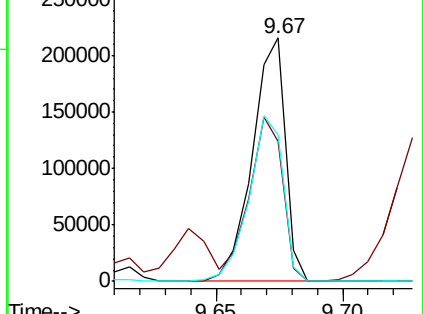
89 60.3 55.4 83.2



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: 39.037 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

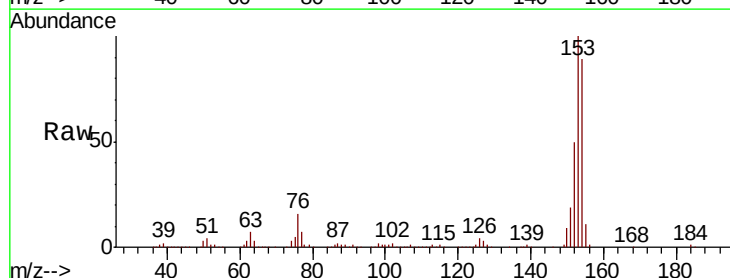
Tgt Ion:154 Resp: 832212

Ion Ratio Lower Upper

154 100

153 112.1 88.6 132.8

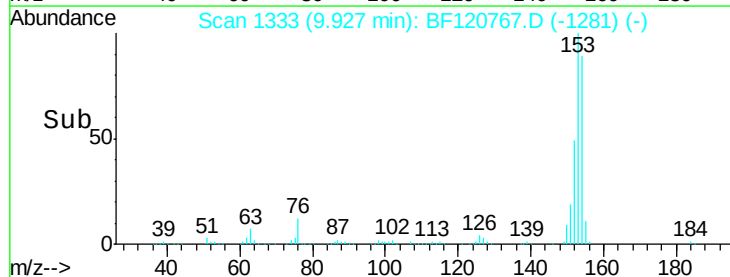
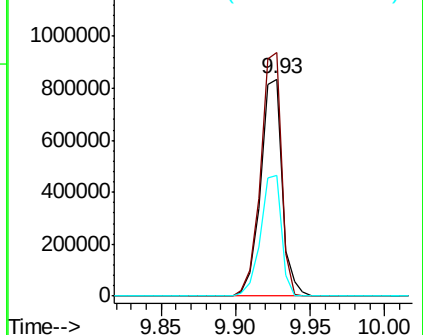
152 55.6 43.6 65.4

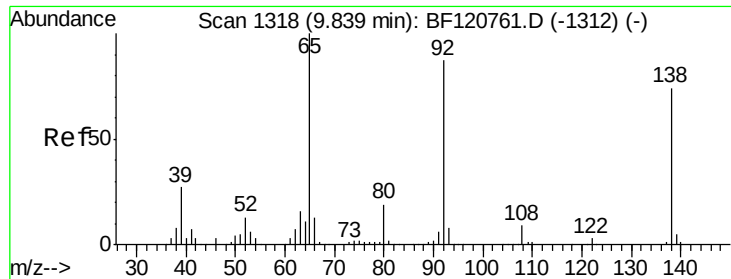


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

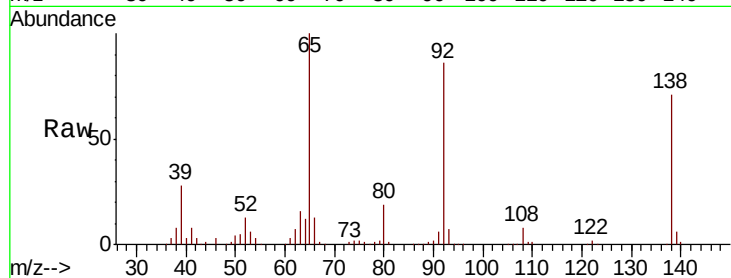




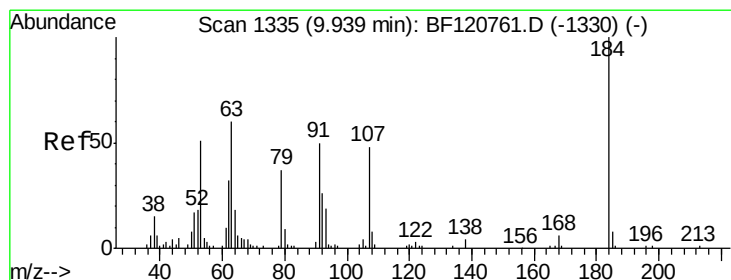
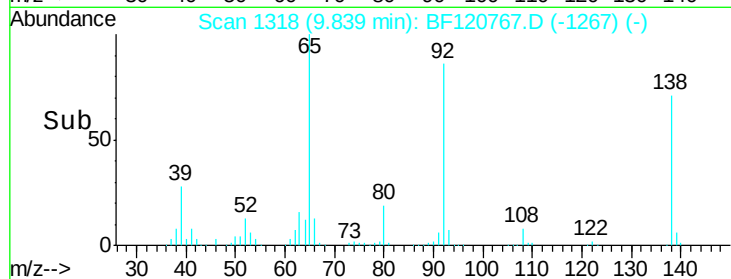
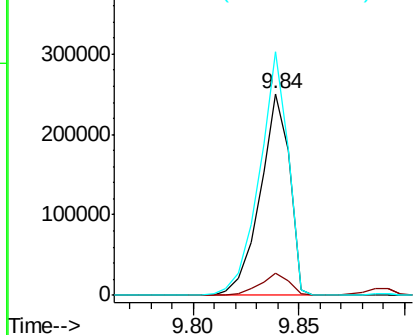
#53
3-Nitroaniline
Concen: 40.522 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 242268
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 120.6 93.4 140.2

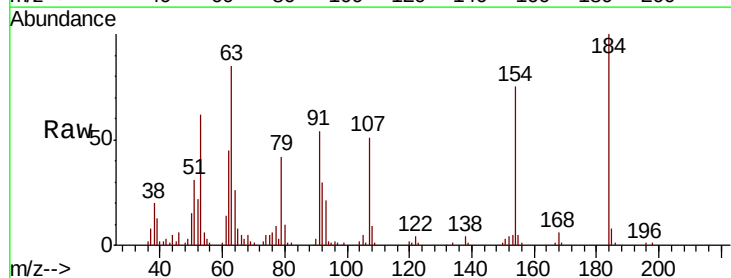


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

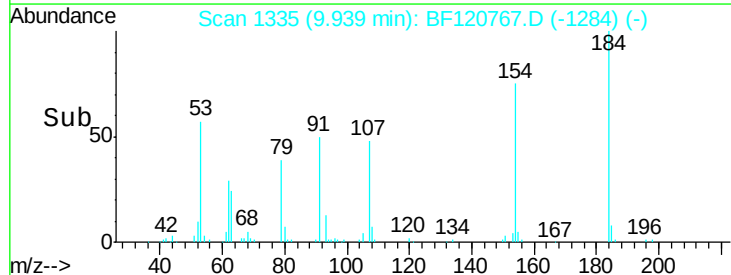
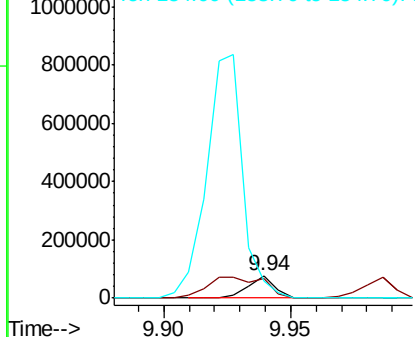


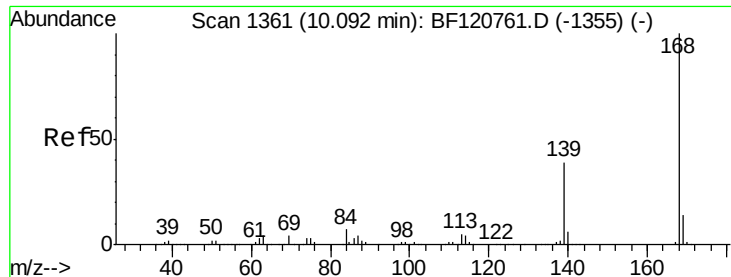
#54
2,4-Dinitrophenol
Concen: 35.784 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:184 Resp: 57658
Ion Ratio Lower Upper
184 100
63 85.3 57.3 85.9
154 75.1 55.8 83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

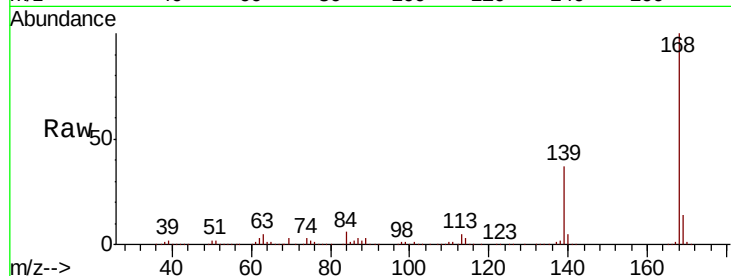




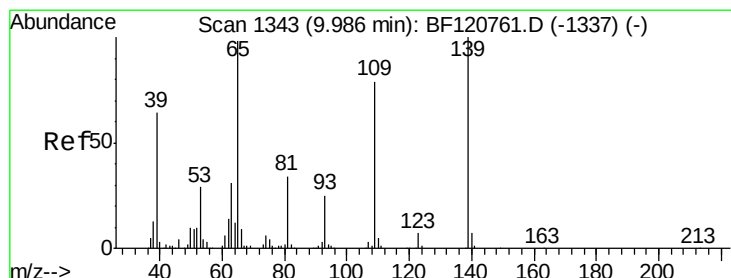
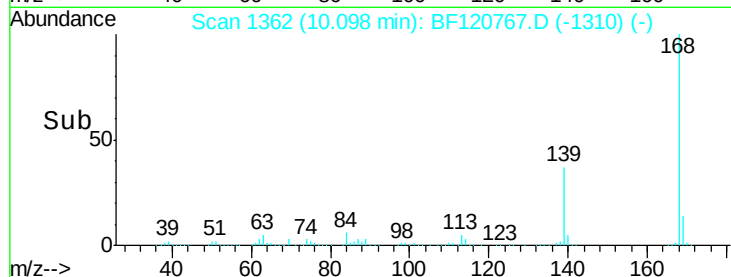
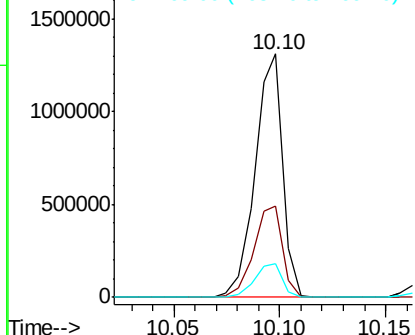
#55
Dibenzofuran
Concen: 38.516 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:168 Resp: 1183597
Ion Ratio Lower Upper
168 100
139 37.4 31.3 46.9
169 13.6 11.2 16.8

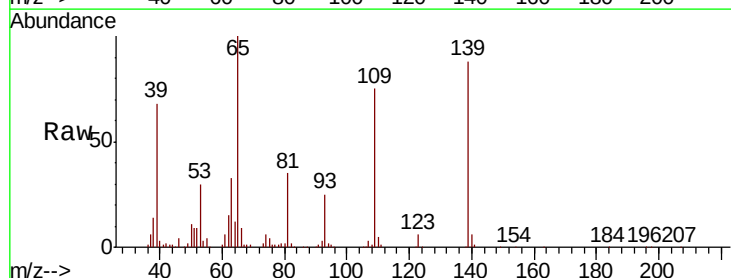


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

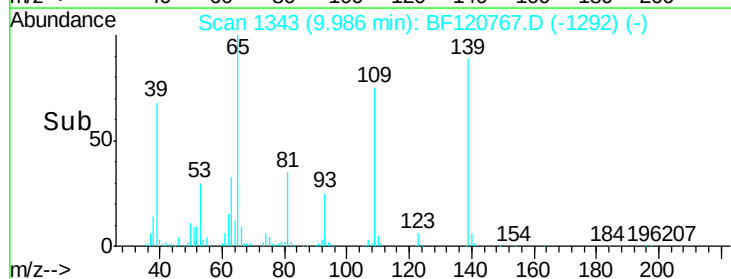
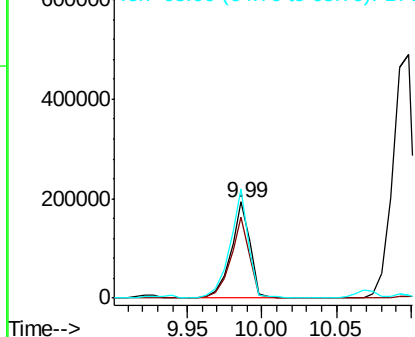


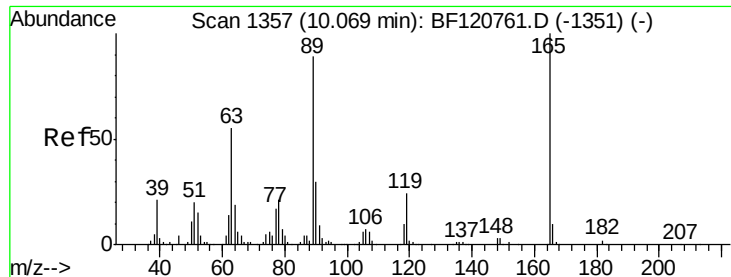
#56
4-Nitrophenol
Concen: 39.725 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:139 Resp: 175351
Ion Ratio Lower Upper
139 100
109 84.8 58.6 98.6
65 113.1 78.7 118.7



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

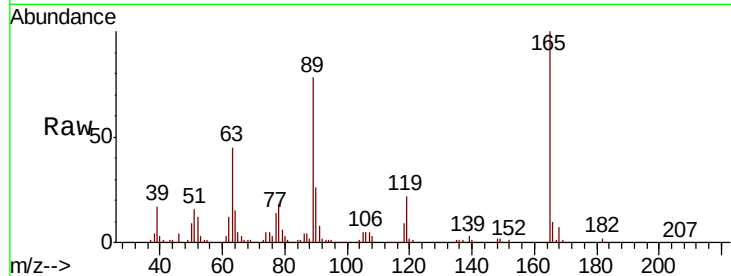




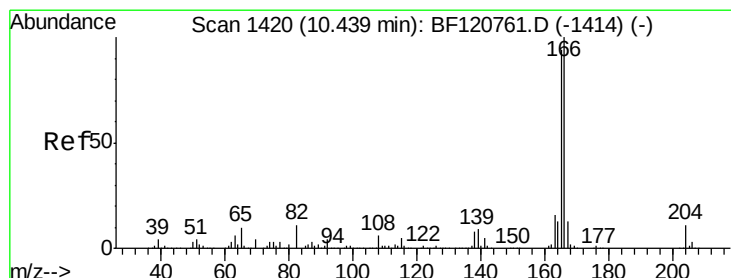
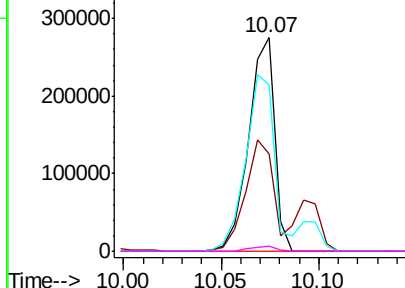
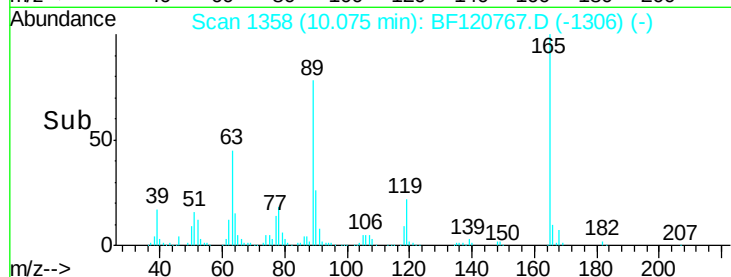
#57
2,4-Dinitrotoluene
Concen: 41.931 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 254295
Ion Ratio Lower Upper
165 100
63 45.3 43.8 65.8
89 78.2 71.4 107.2
182 2.3 1.8 2.6

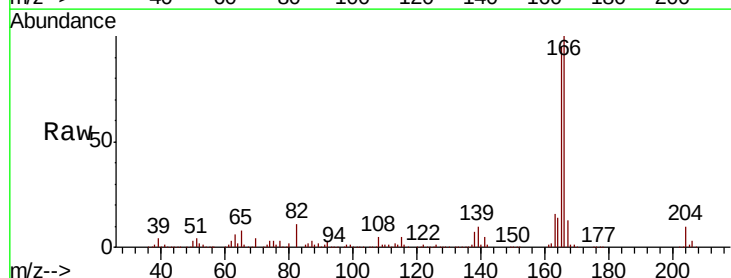


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

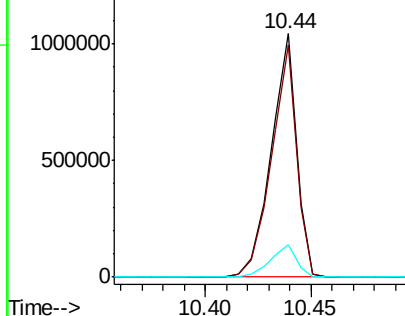
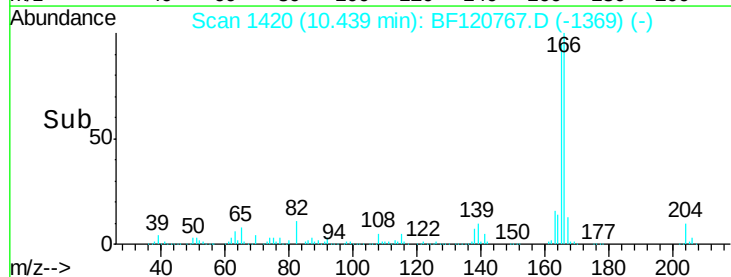


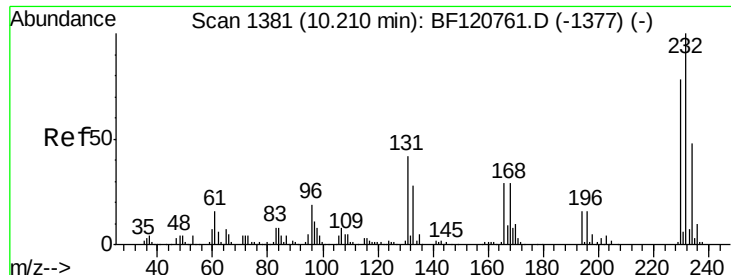
#58
Fluorene
Concen: 38.002 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:166 Resp: 869222
Ion Ratio Lower Upper
166 100
165 95.3 75.5 113.3
167 13.4 10.6 16.0



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

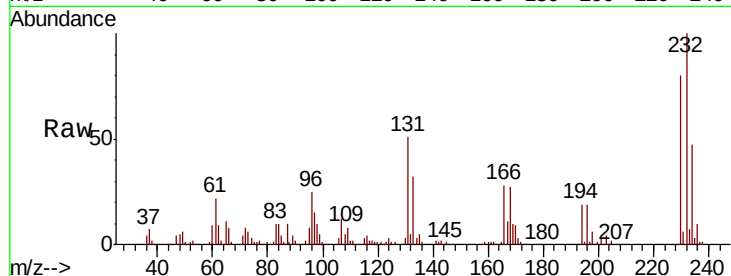




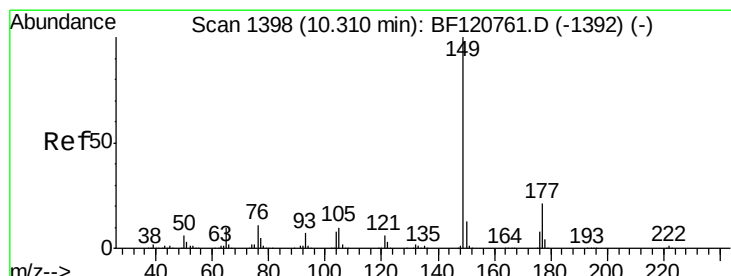
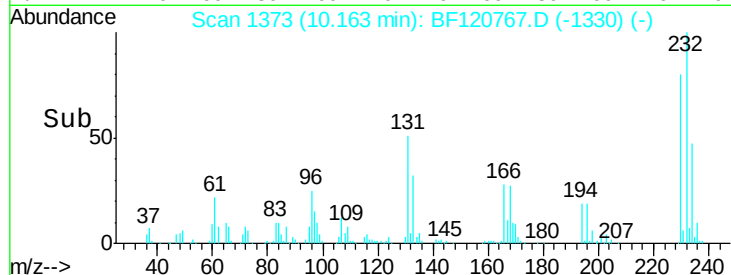
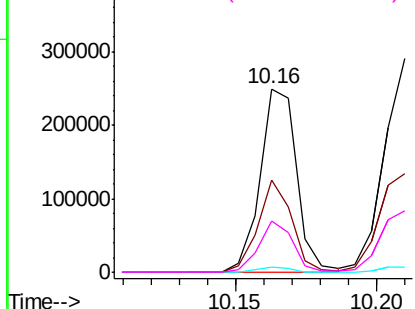
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.785 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:	232	Resp:	223736
Ion	Ratio	Lower	Upper
232	100		
131	47.0	36.3	54.5
130	2.7	2.0	3.0
166	26.5	20.9	31.3

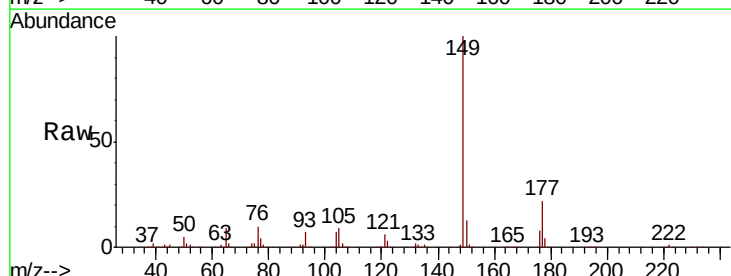


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

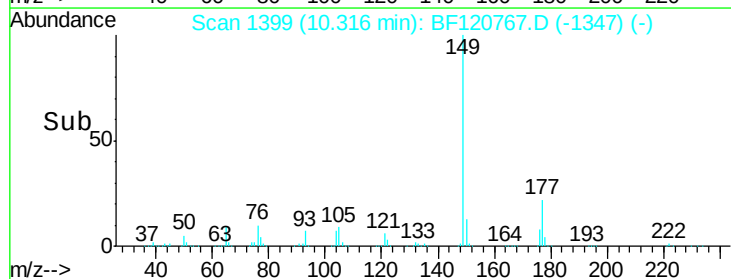
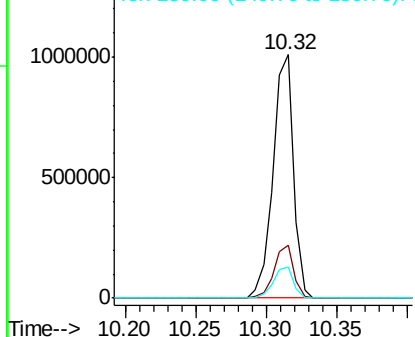


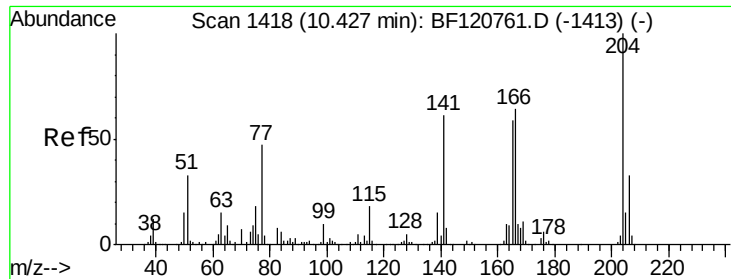
#60
 Diethylphthalate
 Concen: 39.826 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:	149	Resp:	1026501
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.4	24.6
150	12.7	10.2	15.4



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

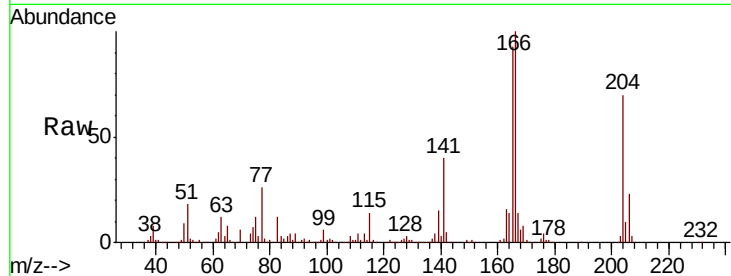




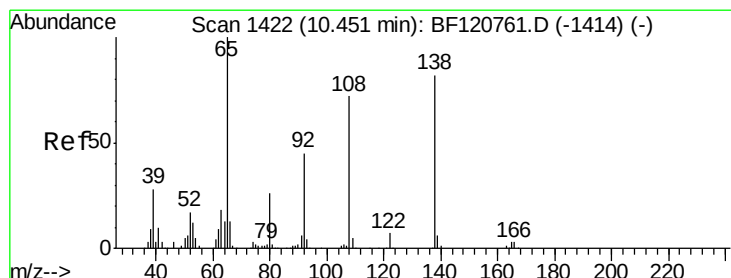
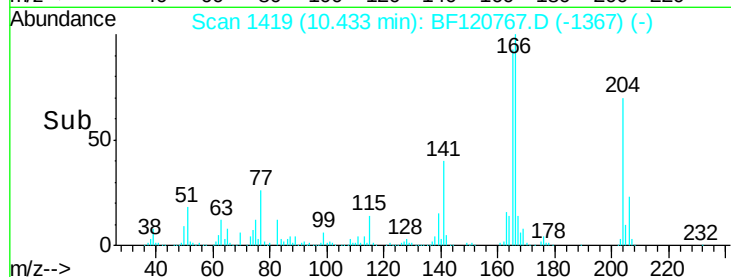
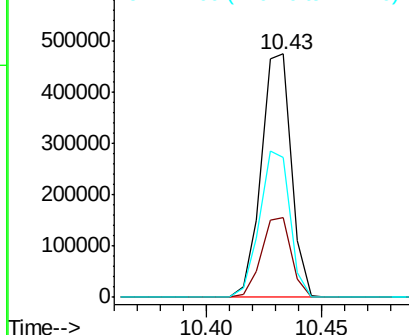
#61
4-Chlorophenyl-phenylether
Concen: 37.711 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:204 Resp: 433626
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 57.3 48.5 72.7

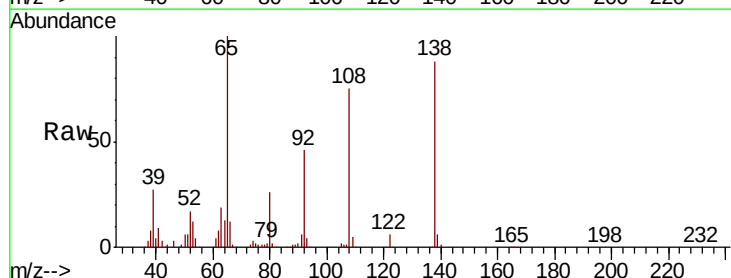


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

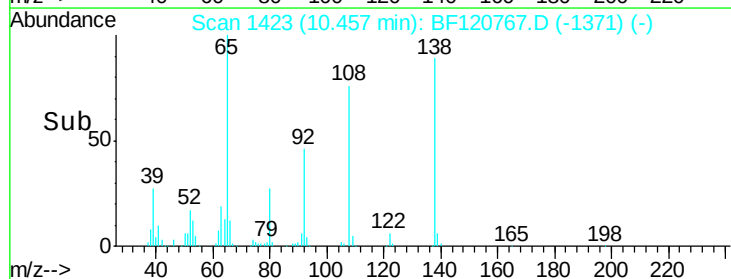
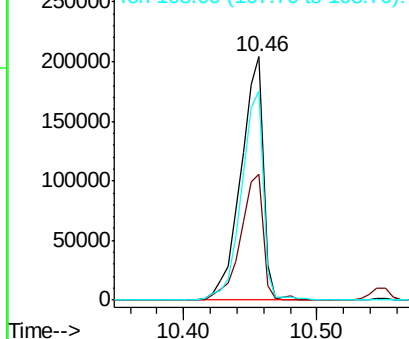


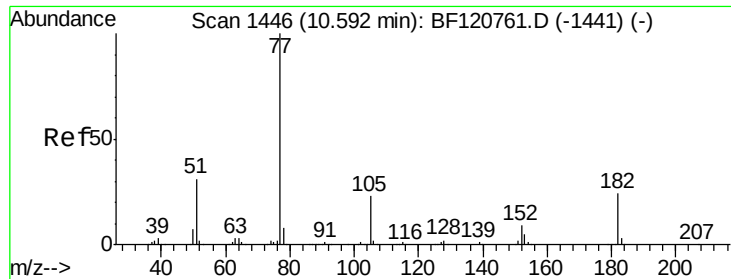
#62
4-Nitroaniline
Concen: 44.954 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:138 Resp: 236329
Ion Ratio Lower Upper
138 100
92 51.9 34.3 74.3
108 85.7 68.3 108.3



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: 38.650 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1019058

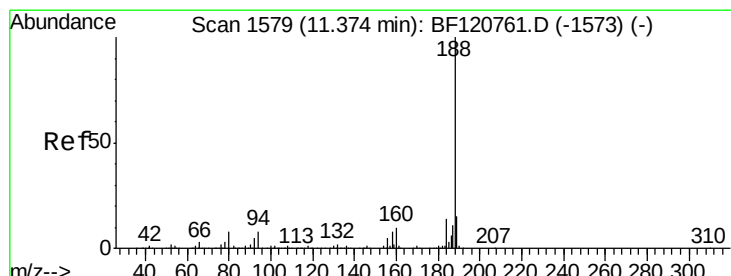
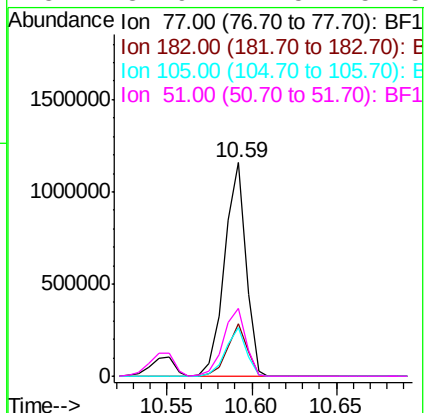
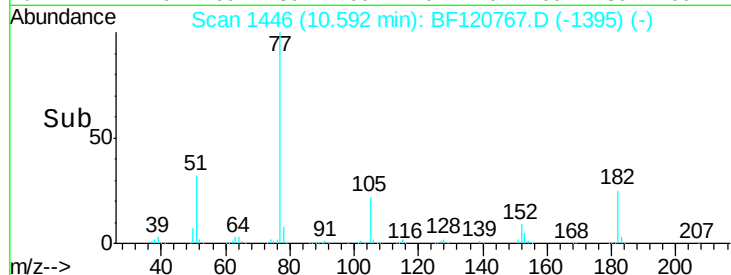
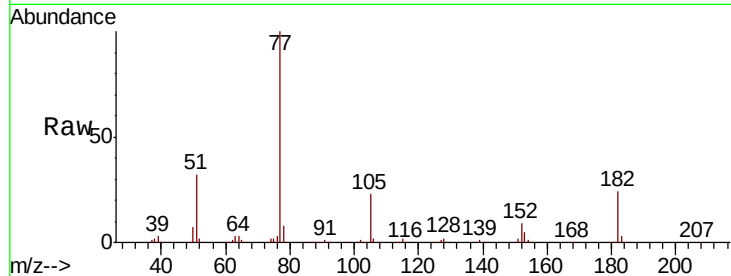
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.0	44.0
105	22.5	2.6	42.6
51	31.9	11.5	51.5

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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

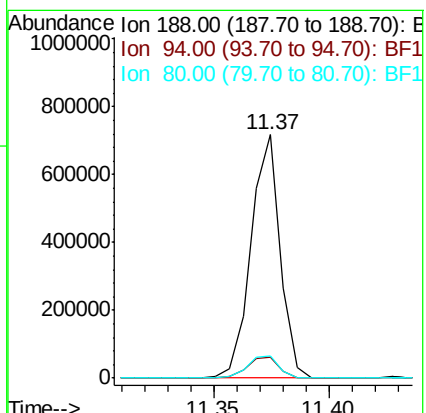
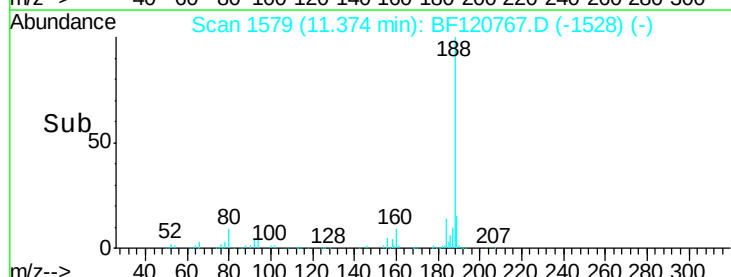
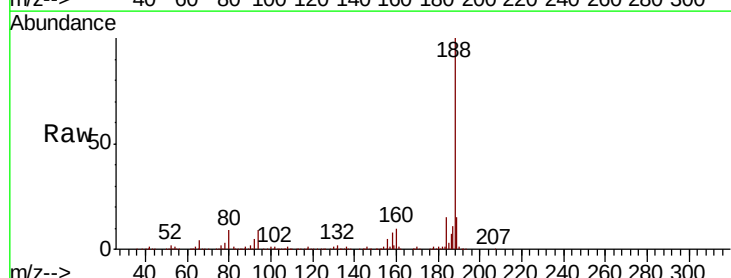
Tgt Ion: 188 Resp: 632581

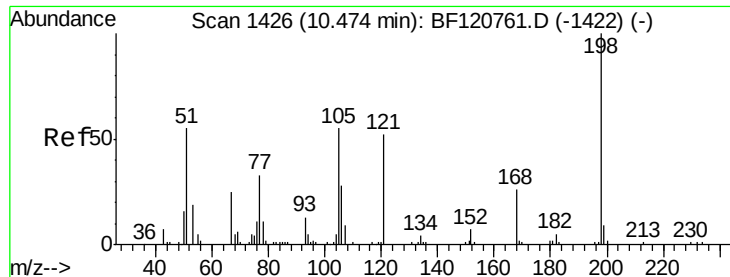
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	9.8
80	8.9	6.6	10.0

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

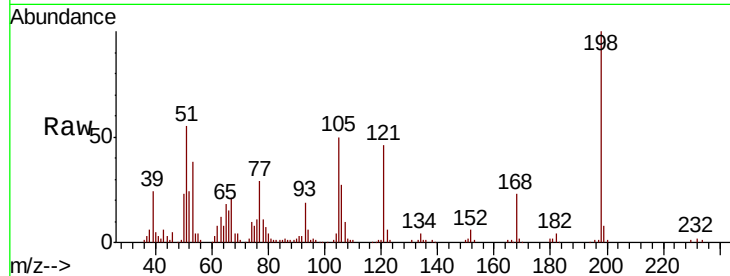




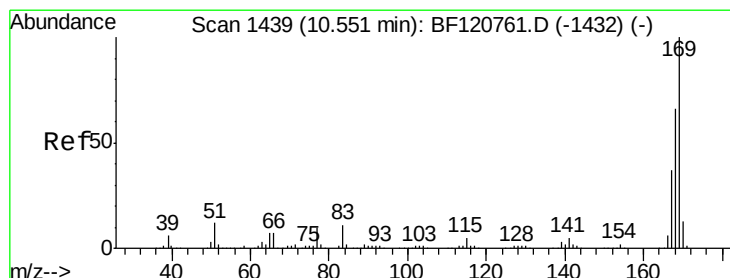
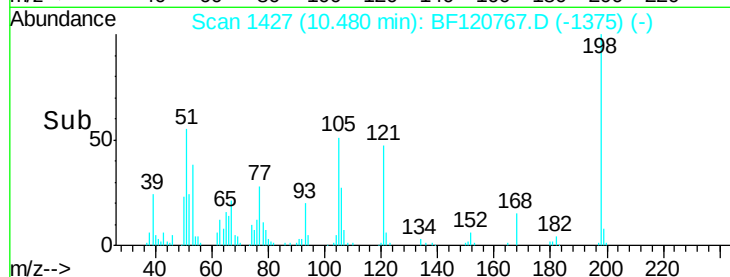
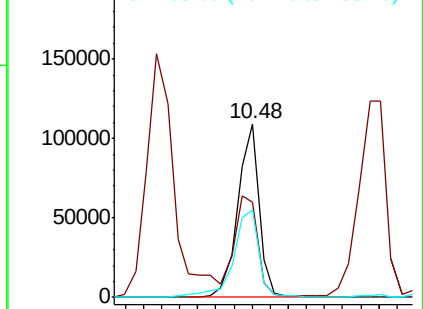
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.936 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:198 Resp: 90108
 Ion Ratio Lower Upper
 198 100
 51 54.6 50.0 90.0
 105 50.3 38.3 78.3

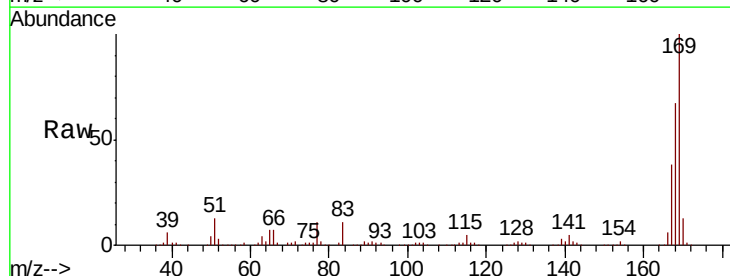


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

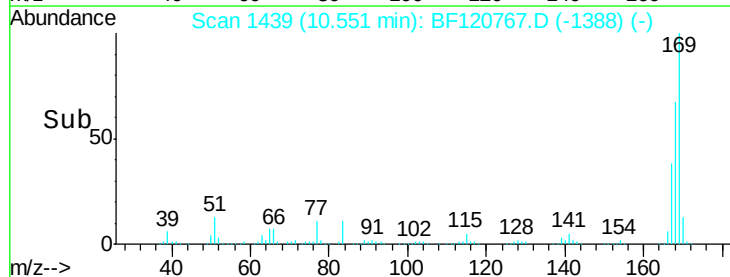
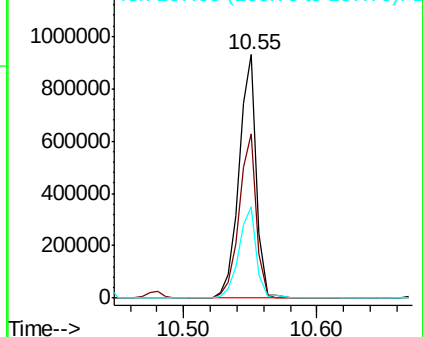


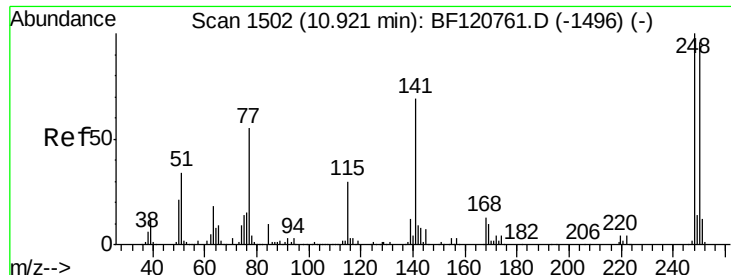
#66
 n-Nitrosodiphenylamine
 Concen: 39.236 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:169 Resp: 831901
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.1 79.7
 167 37.6 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

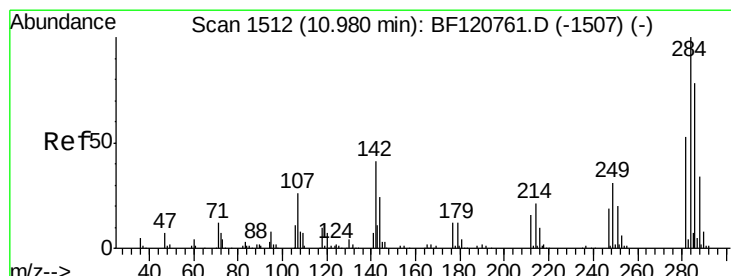
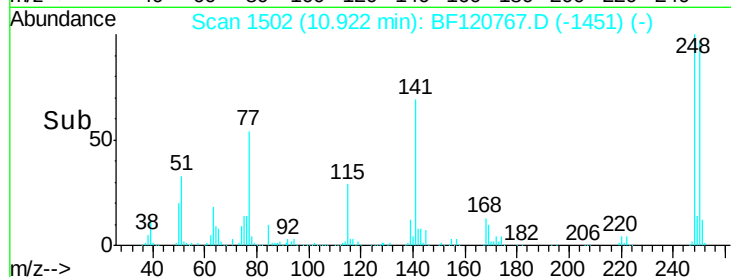
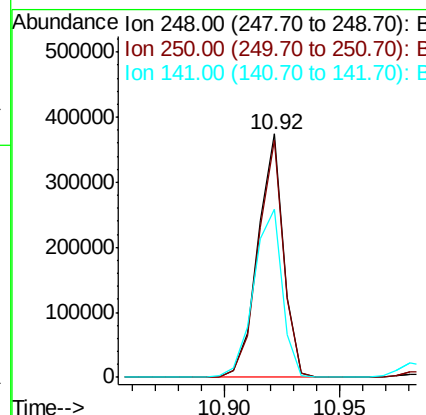
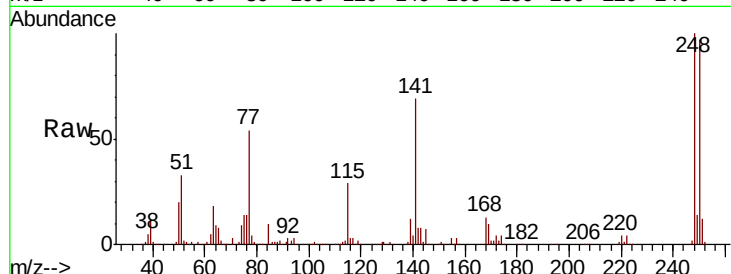




#67
 4-Bromophenyl-phenylether
 Concen: 39.584 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

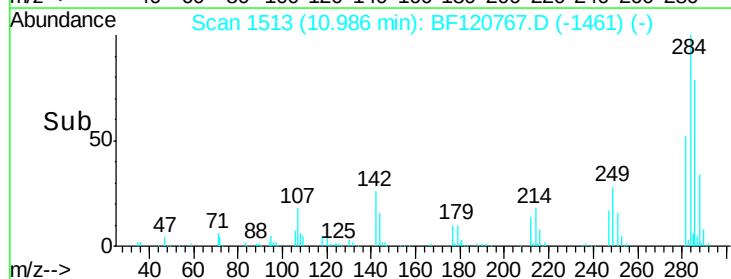
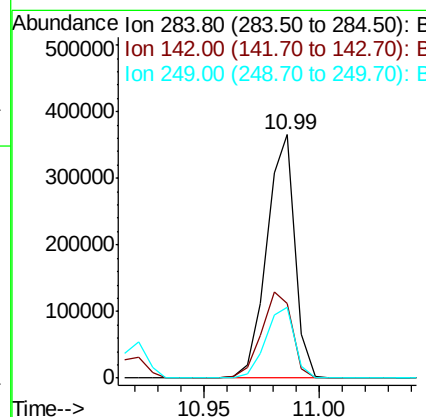
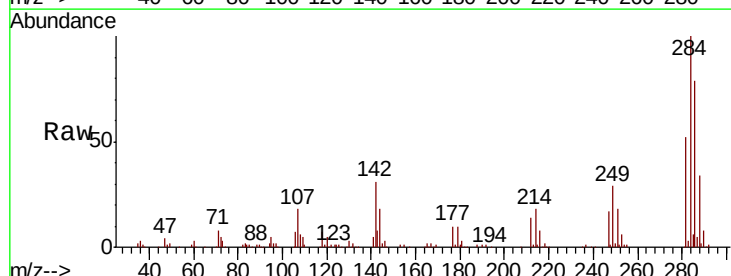
Instrument :
 BNA_P
 ClientSampled :

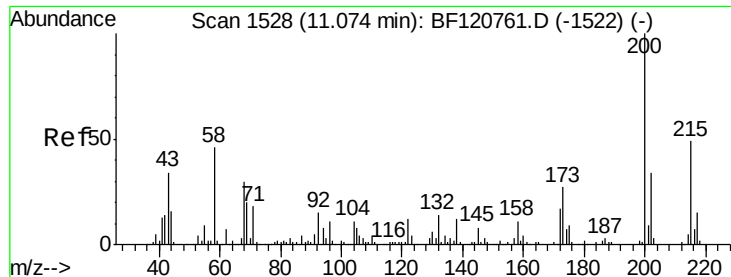
Tot Ion:248 Resp: 290464
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.5 114.7
 141 68.9 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 40.248 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:284 Resp: 309910
 Ion Ratio Lower Upper
 284 100
 142 30.6 32.5 48.7#
 249 29.0 24.8 37.2

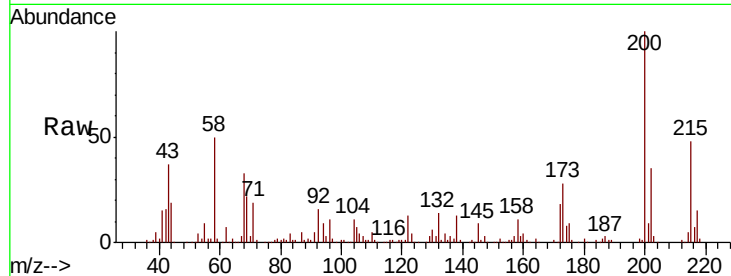




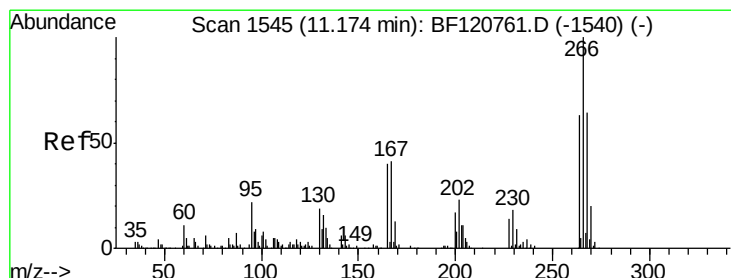
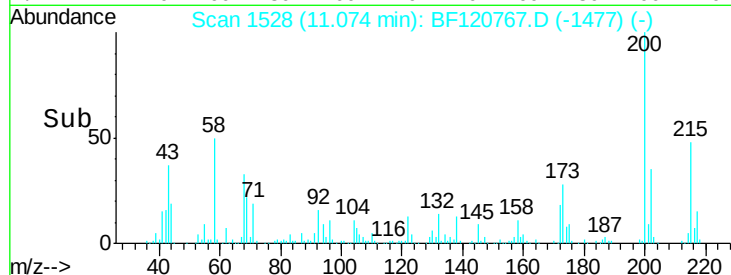
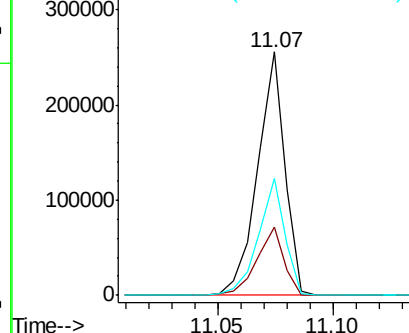
#69
 Atrazine
 Concen: 38.613 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:200 Resp: 210913
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.4 47.4
 215 47.9 28.8 68.8

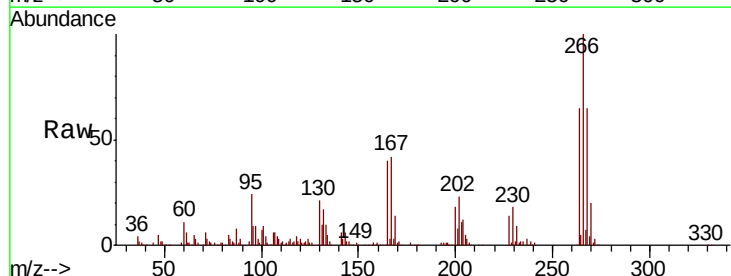


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

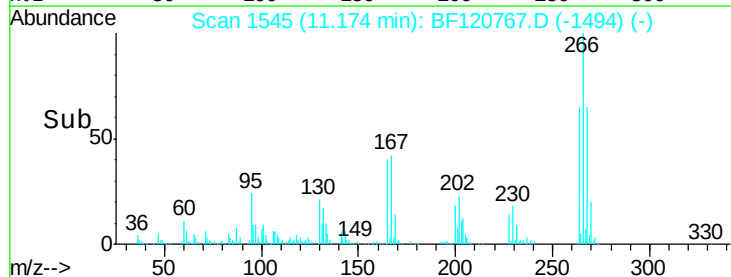
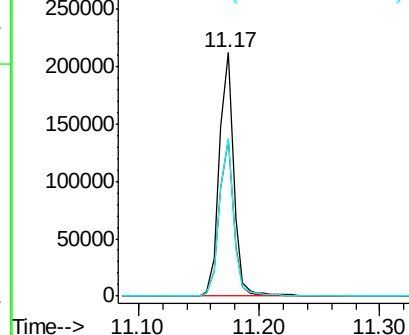


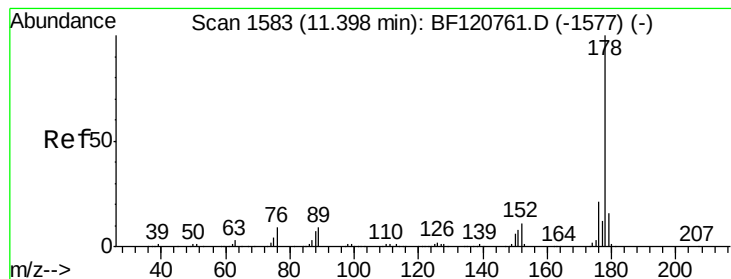
#70
 Pentachlorophenol
 Concen: 40.326 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:266 Resp: 175682
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.4 77.2
 264 64.7 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.836 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

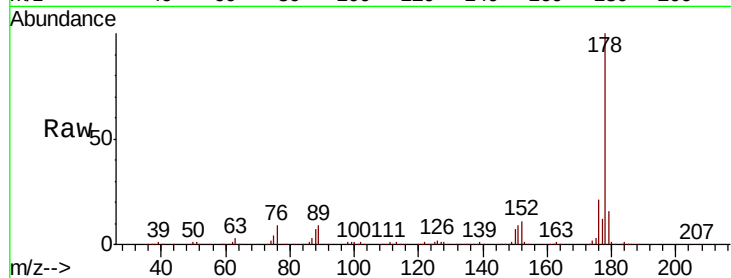
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1332960

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	16.4	12.9	19.3

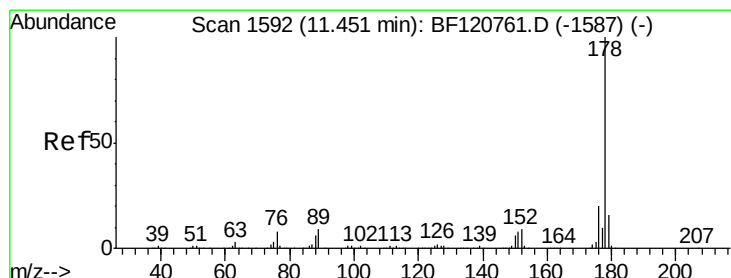
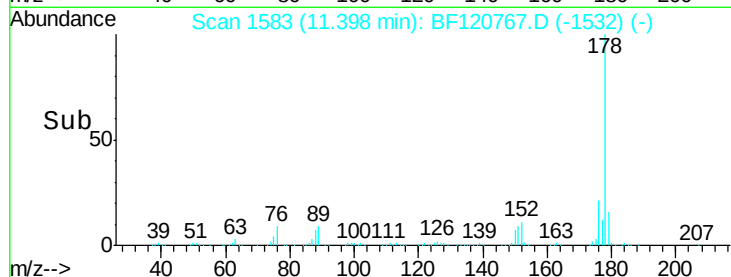
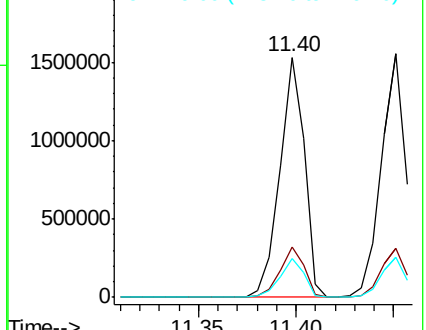


Abundance

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: 38.486 ng

RT: 11.45 min Scan# 1592

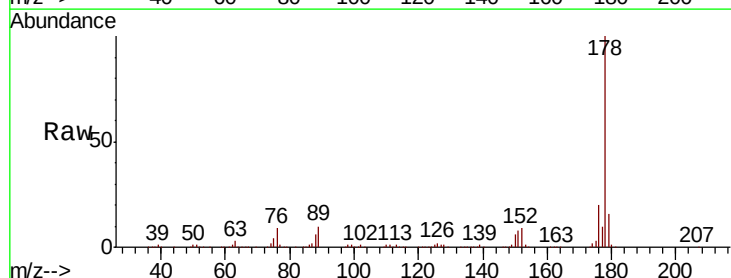
Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion:178 Resp: 1334830

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.2
179	16.2	12.7	19.1

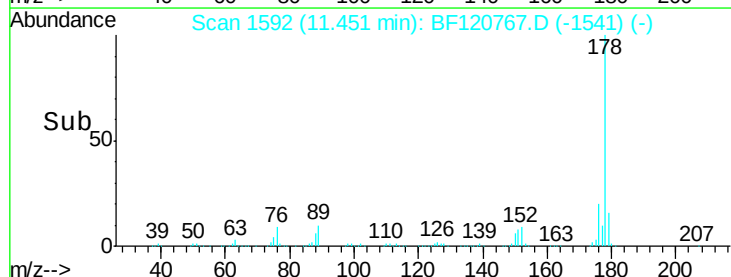
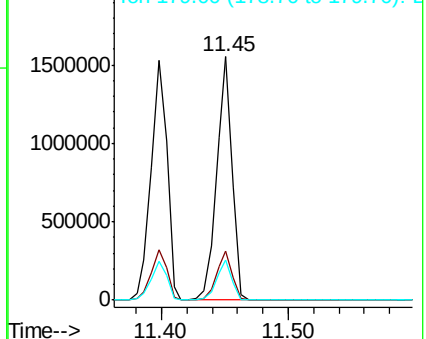


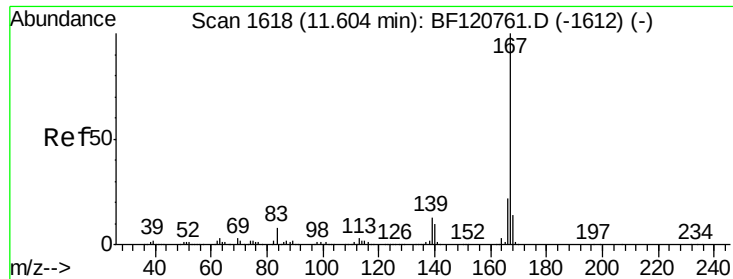
Abundance

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

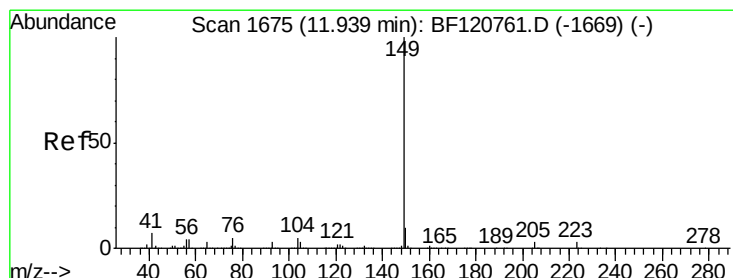
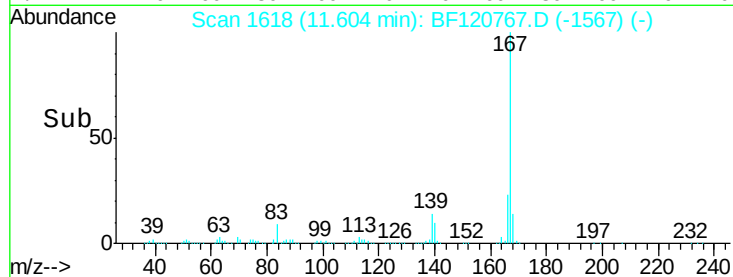
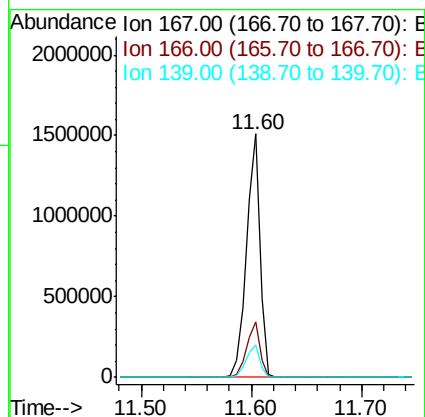
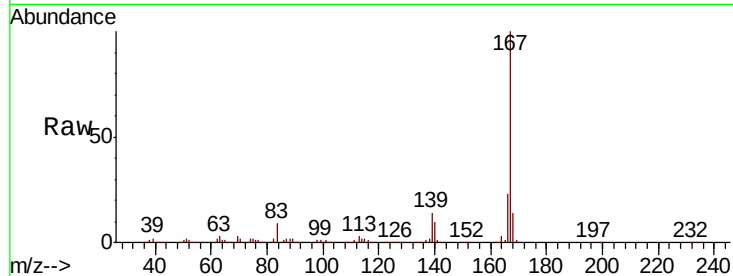




#73
 Carbazole
 Concen: 39.046 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

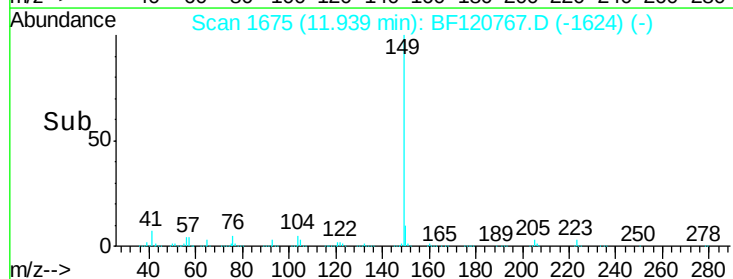
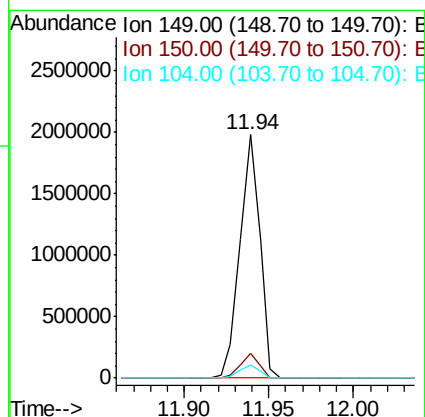
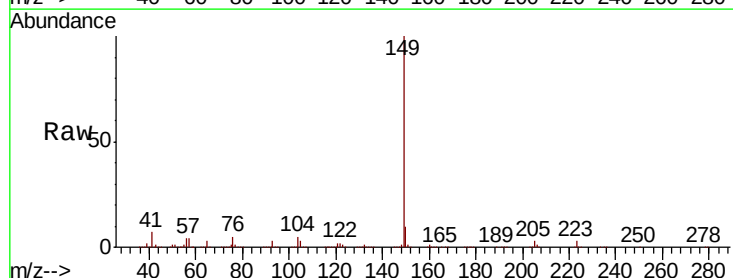
Instrument :
 BNA_P
 ClientSampleId :

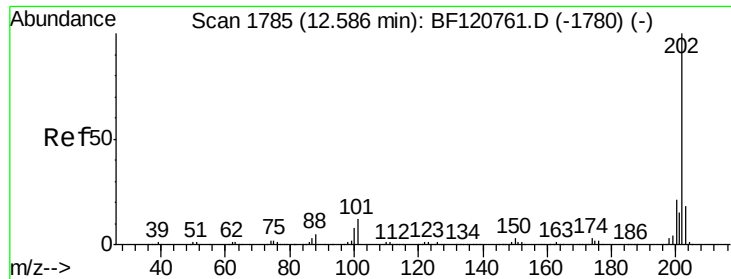
Tot Ion:167 Resp: 1301402
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.427 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:149 Resp: 1626953
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 40.017 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

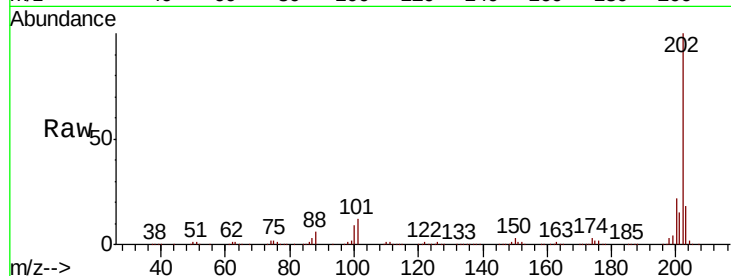
Tot Ion:202 Resp: 1463153

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.6

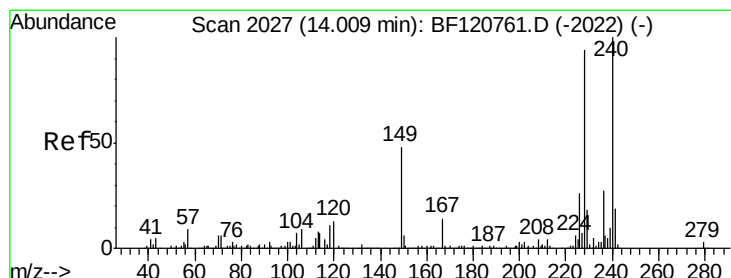
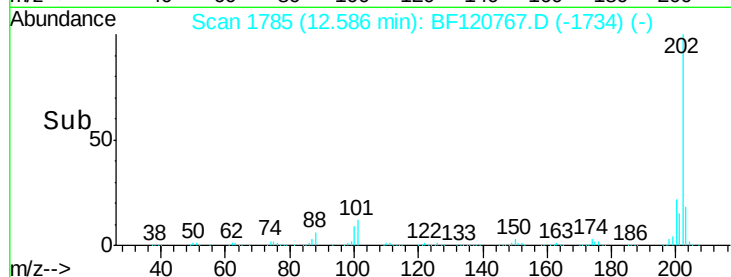
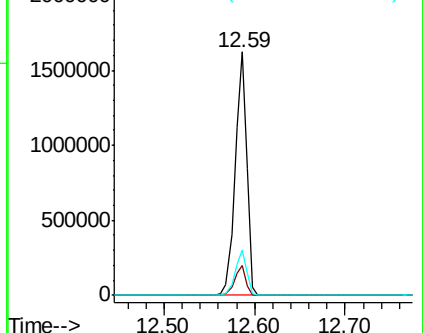
203 18.4 0.0 38.2



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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

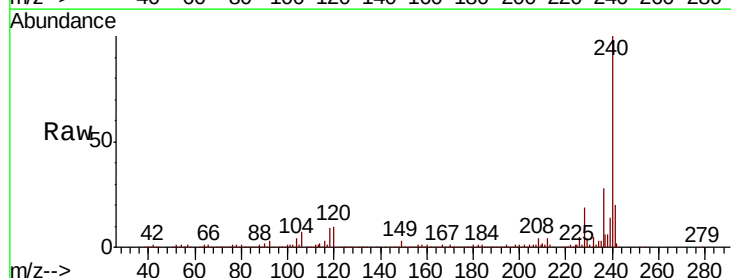
Tgt Ion:240 Resp: 514933

Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

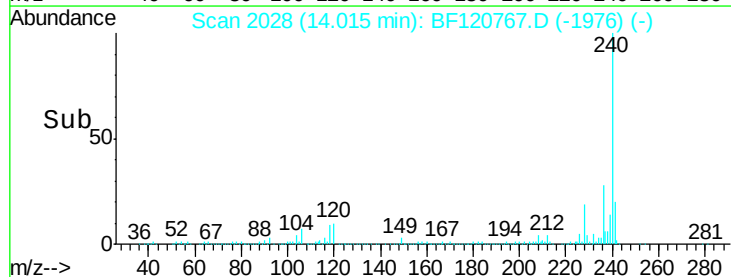
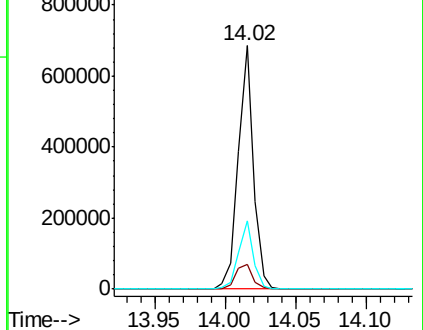
236 27.8 21.4 32.2

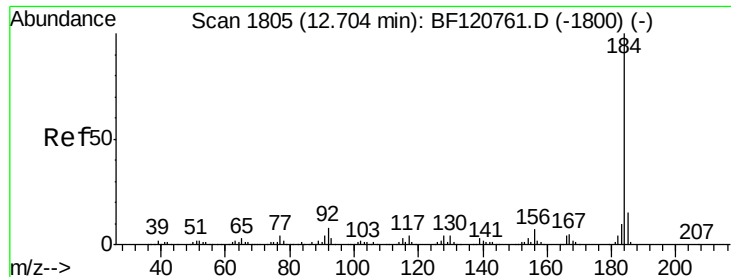


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.788 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

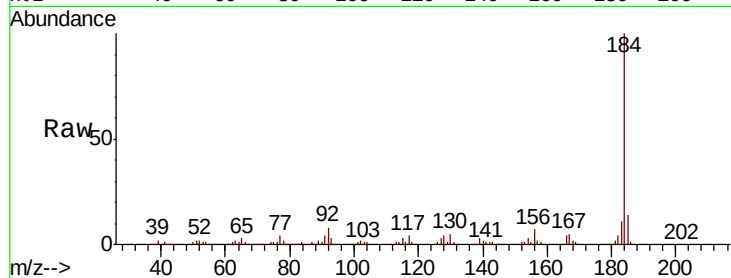
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 563755

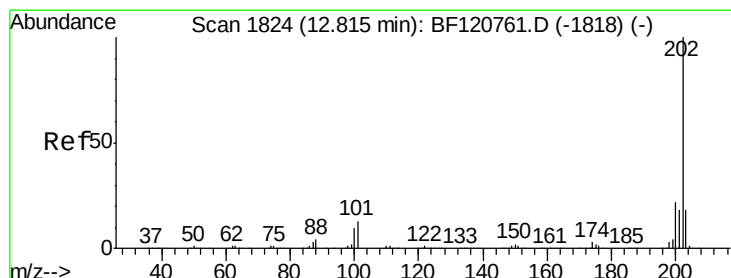
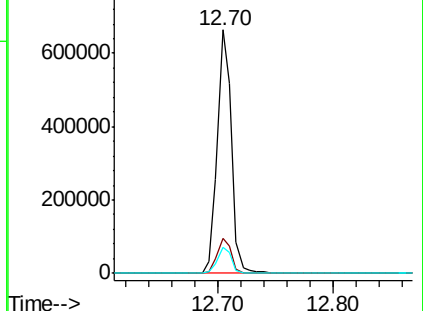
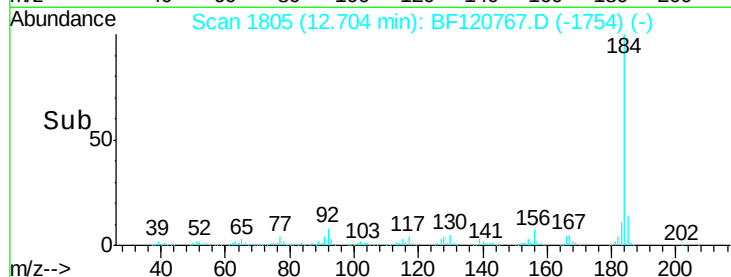
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	10.7	8.3	12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.550 ng

RT: 12.82 min Scan# 1824

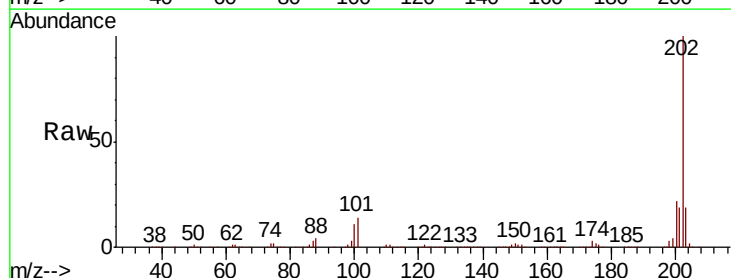
Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion:202 Resp: 1503130

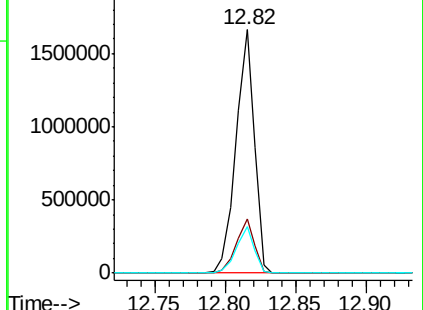
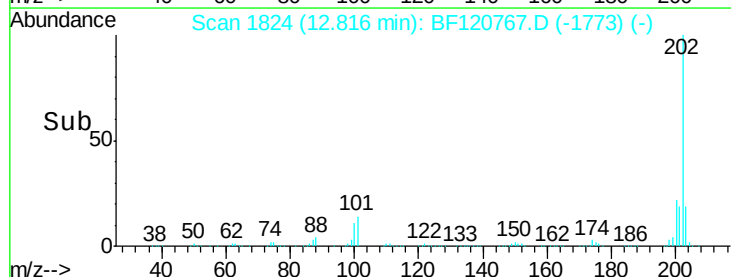
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.3	25.9
203	18.9	14.6	22.0

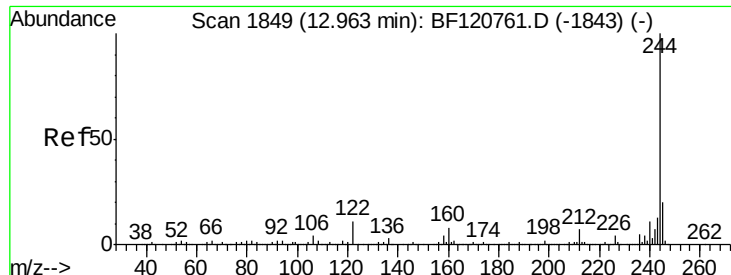


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.227 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

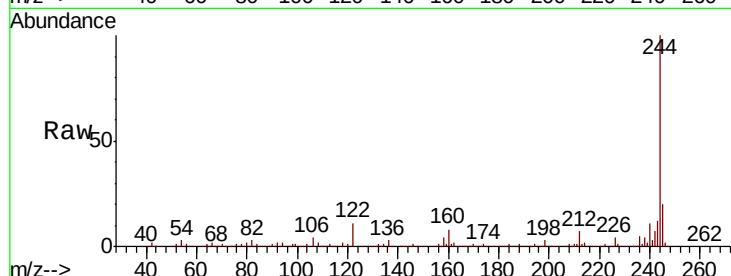
Tot Ion:244 Resp: 1873296

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

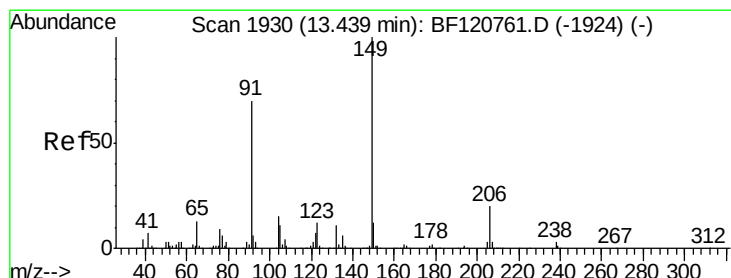
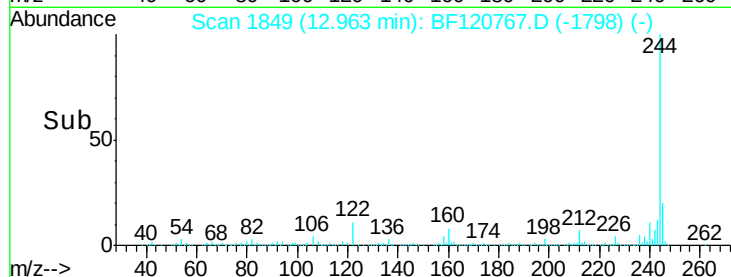
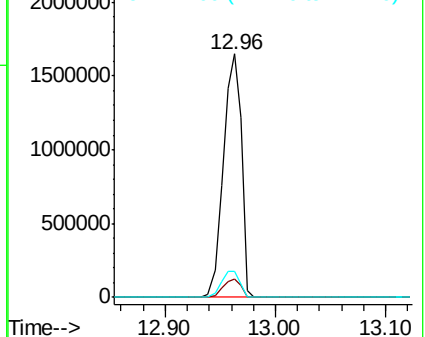
122 10.8 9.0 13.4



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: 39.064 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

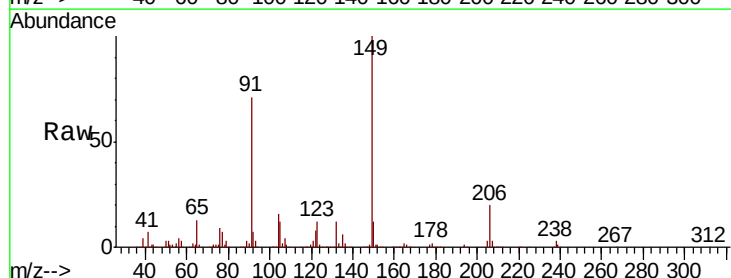
Tgt Ion:149 Resp: 693586

Ion Ratio Lower Upper

149 100

91 70.9 55.8 83.8

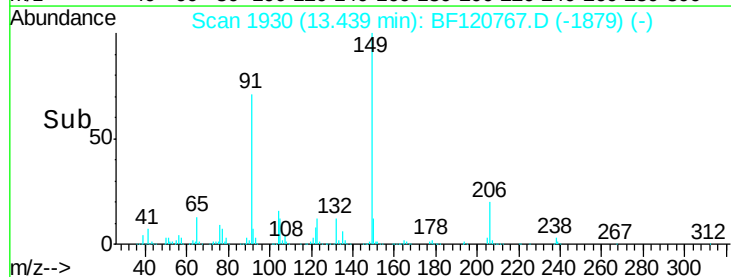
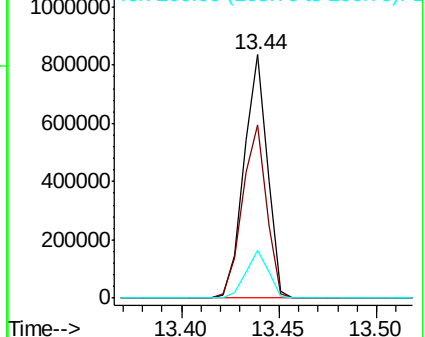
206 19.7 15.7 23.5

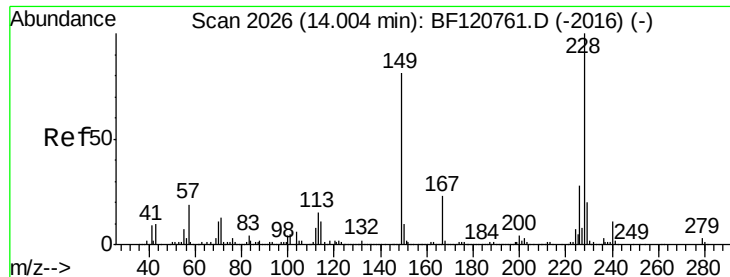


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.978 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

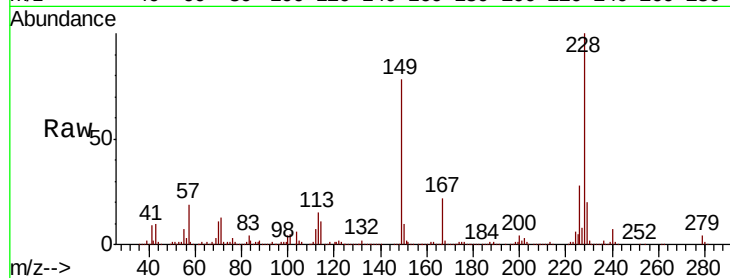
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1220574

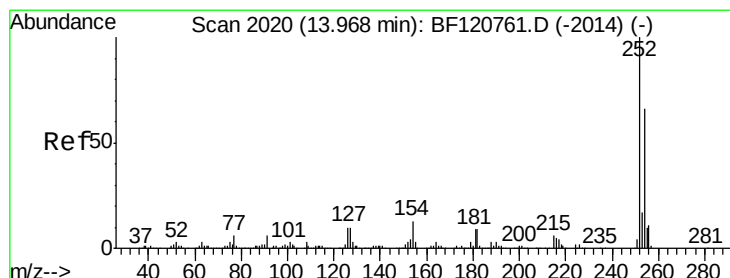
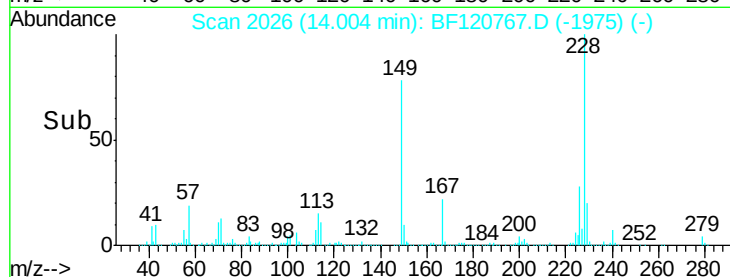
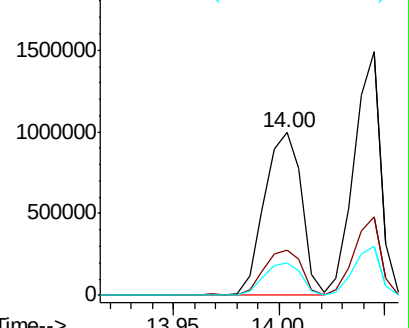
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.575 ng

RT: 13.97 min Scan# 2020

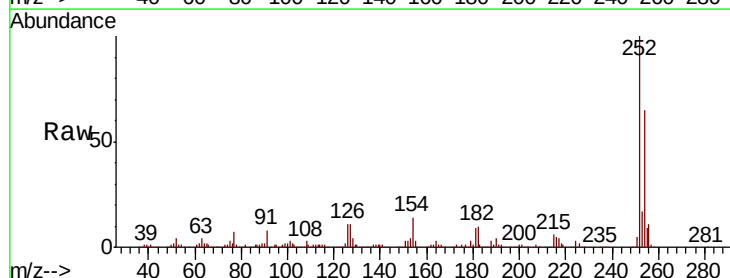
Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Tgt Ion:252 Resp: 440833

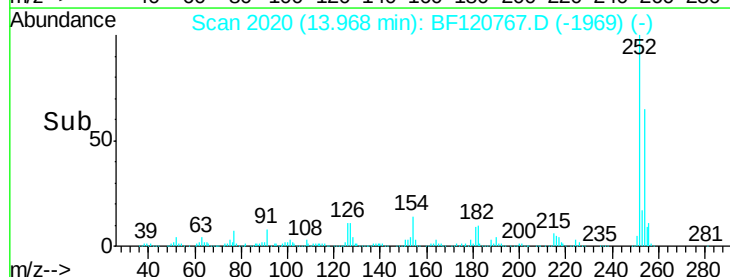
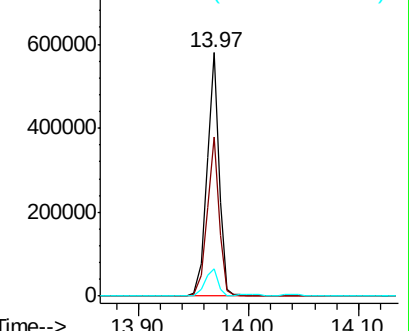
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	11.5	7.8	11.8

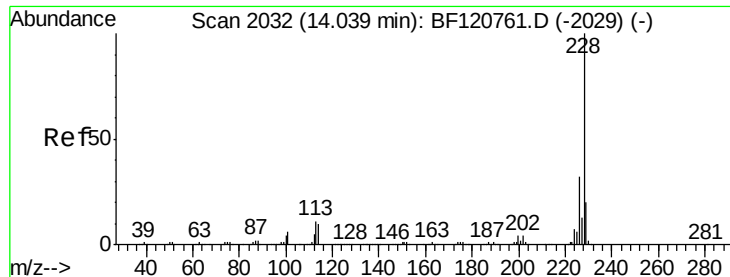


Abundance Ion 252.00 (251.70 to 252.70): E

800000 Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.751 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

Instrument :

BNA_P

ClientSampleId :

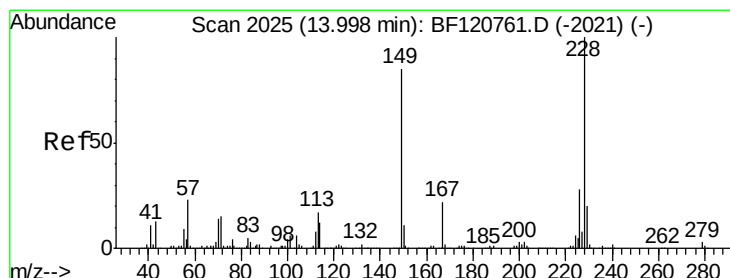
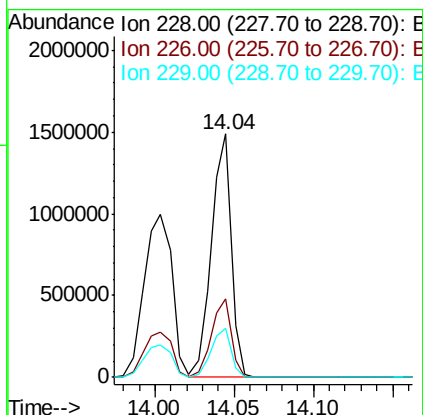
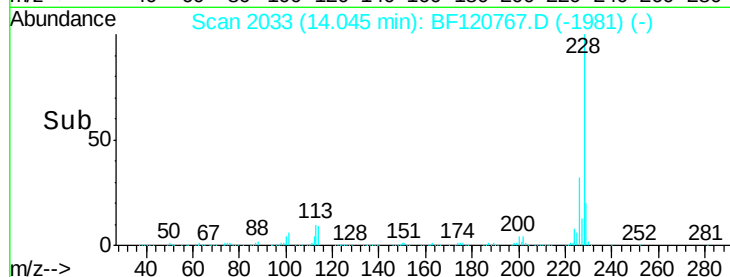
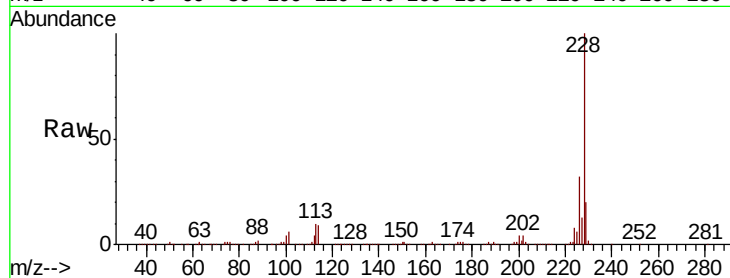
Tot Ion:228 Resp: 1304700

Ion Ratio Lower Upper

228 100

226 32.4 25.7 38.5

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.193 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120767.D

Acq: 6 Jul 2020 9:31

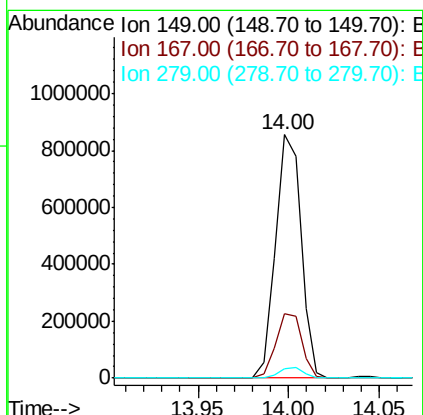
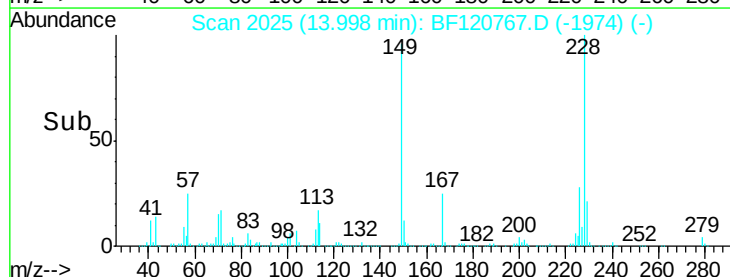
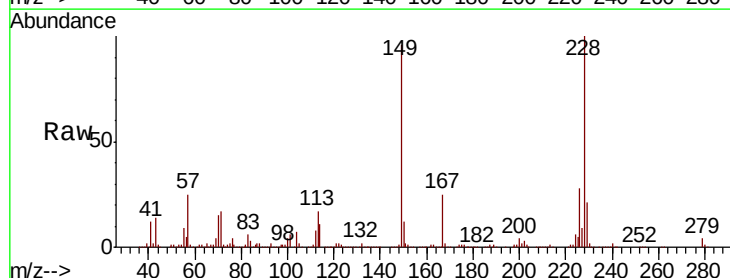
Tgt Ion:149 Resp: 842688

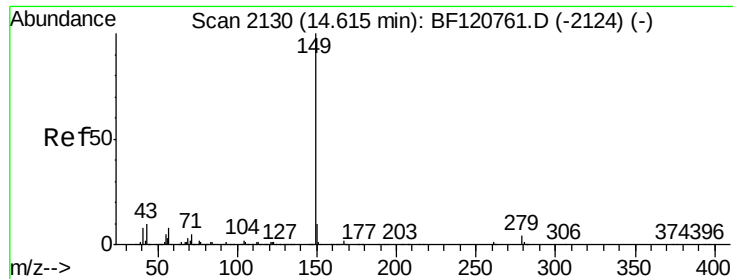
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

279 3.7 2.6 4.0

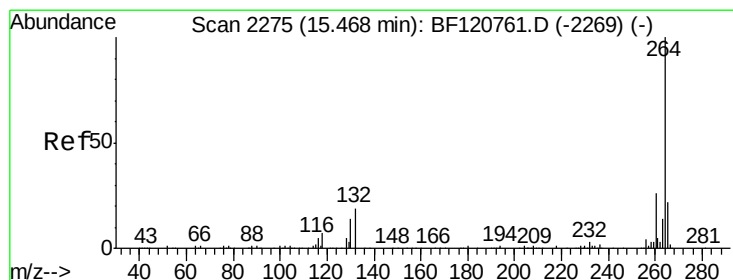
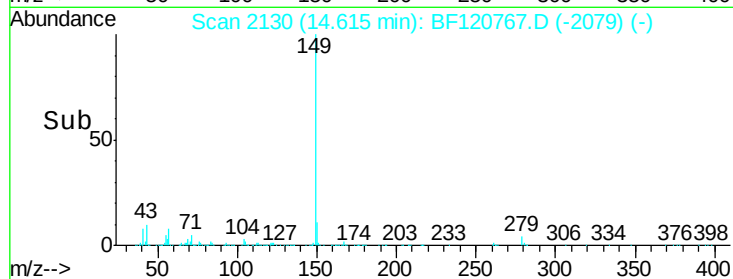
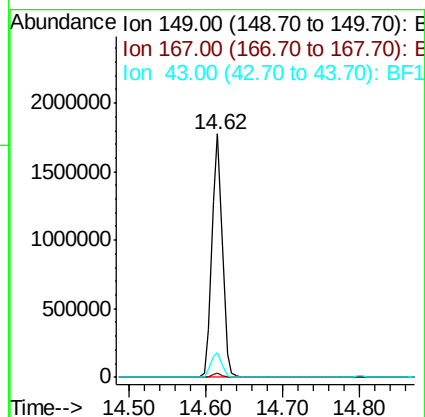
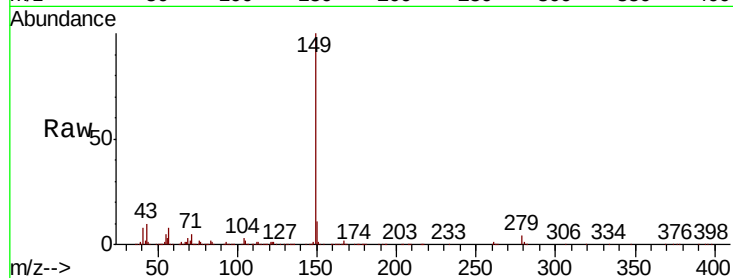




#85
Di-n-octyl phthalate
Concen: 39.771 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

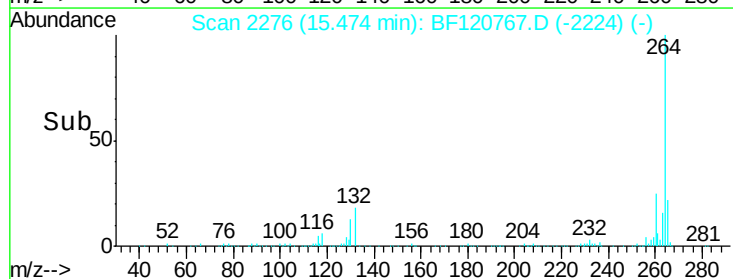
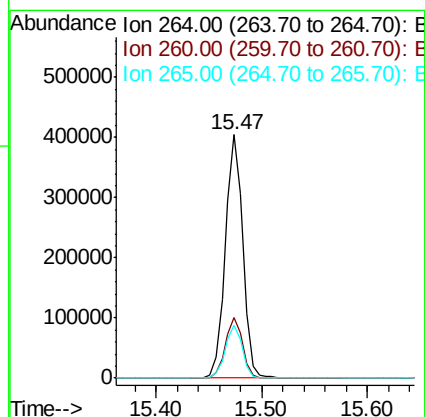
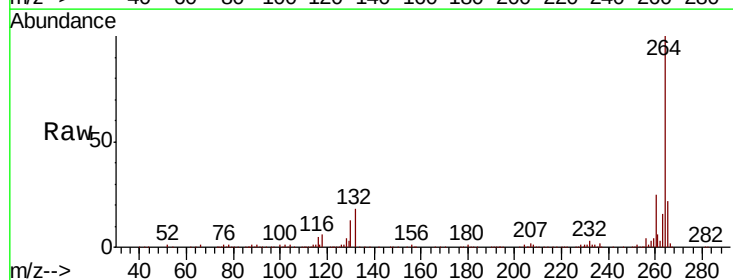
Instrument :
BNA_P
ClientSampleId :

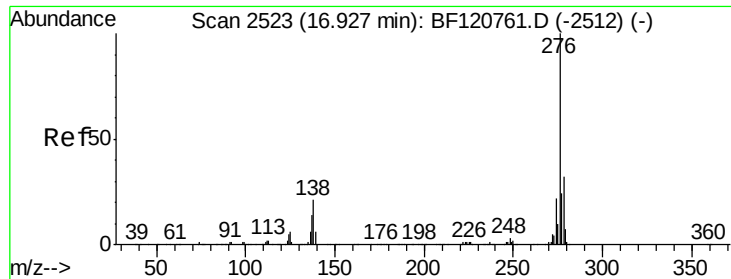
Tot Ion:149 Resp: 1638213
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:264 Resp: 466001
Ion Ratio Lower Upper
264 100
260 25.0 20.6 30.8
265 21.6 17.6 26.4



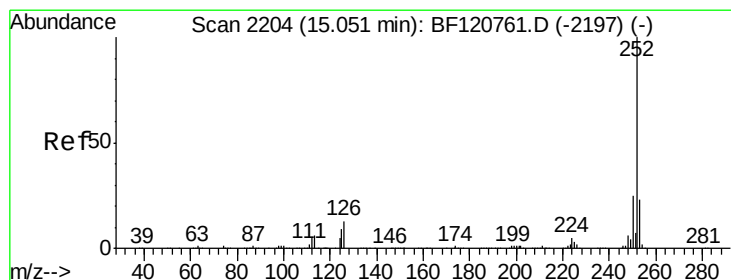
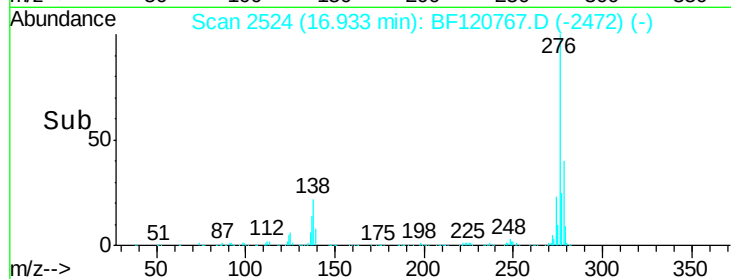
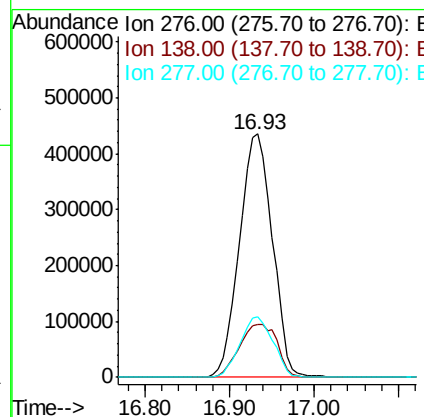
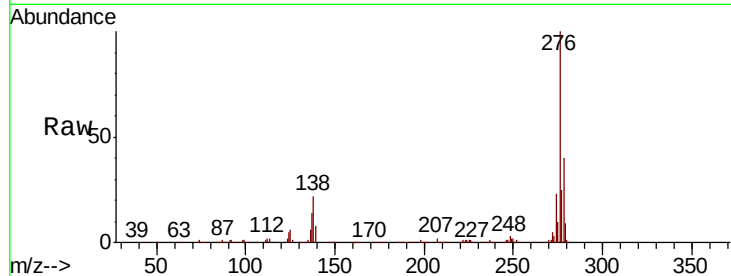


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.471 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. 0.01 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:276 Resp: 1179783

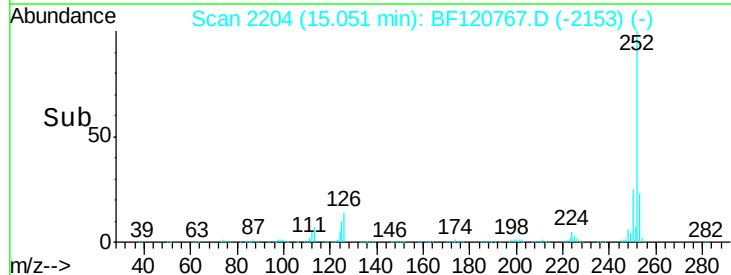
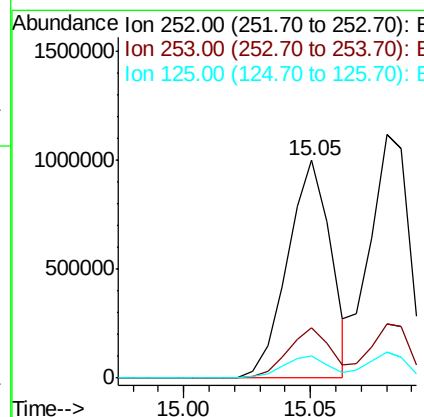
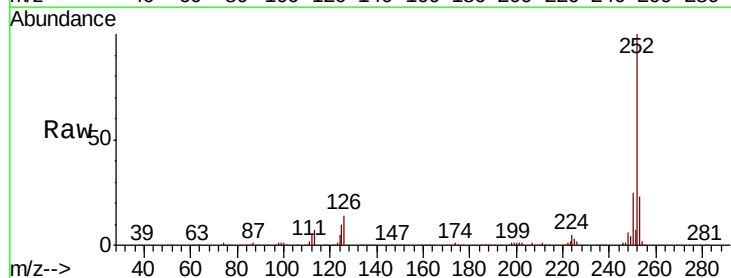
Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.8	29.8
277	25.0	19.9	29.9

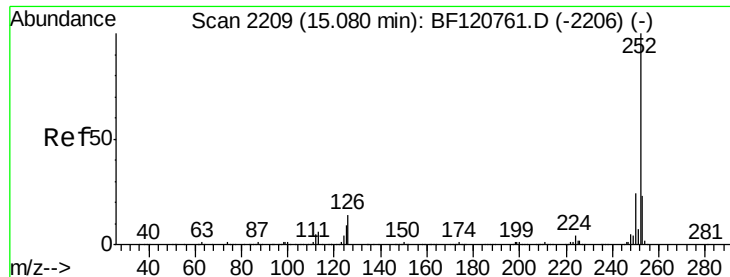


#88
 Benzo(b)fluoranthene
 Concen: 38.914 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120767.D
 Acq: 6 Jul 2020 9:31

Tgt Ion:252 Resp: 1192160

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.5	7.5	11.3

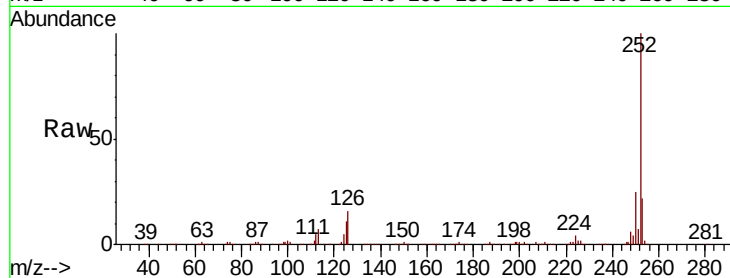




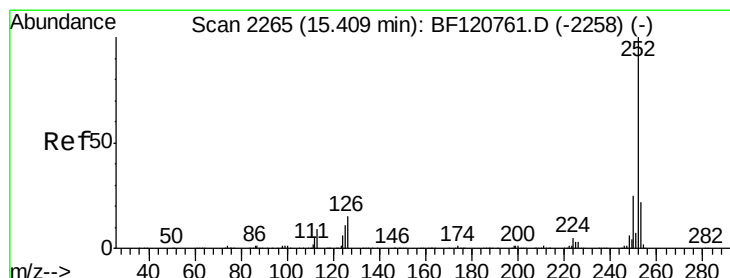
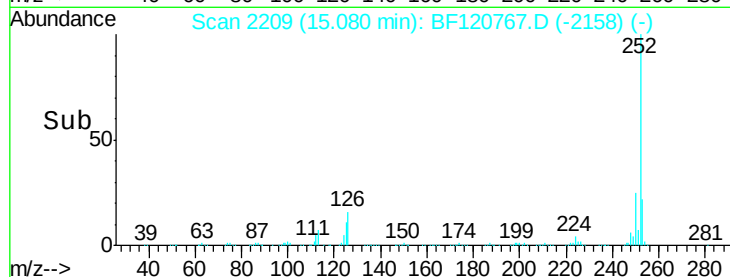
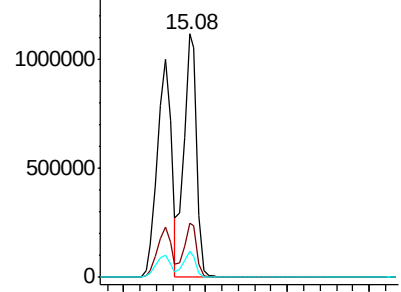
#89
Benzo(k)fluoranthene
Concen: 41.054 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 1223851
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.9 7.6 11.4

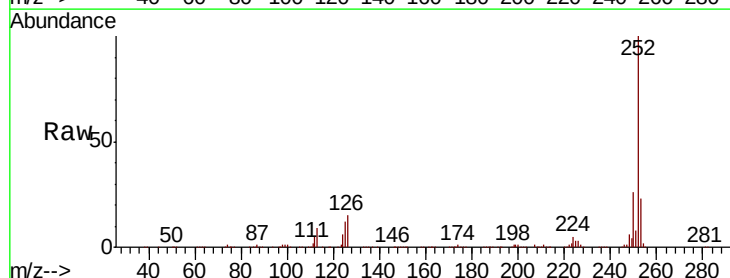


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

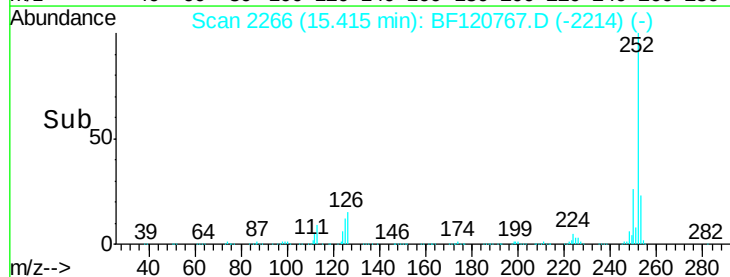
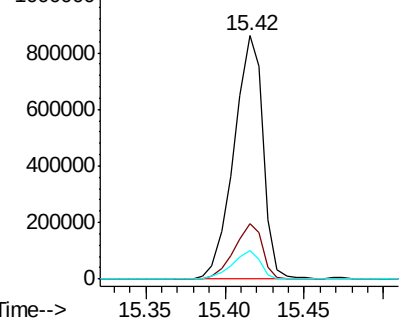


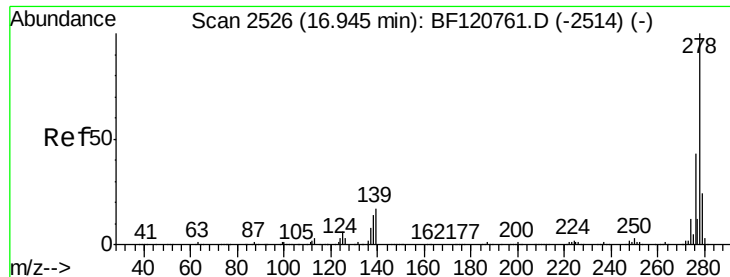
#90
Benzo(a)pyrene
Concen: 40.277 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:252 Resp: 1100731
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.7 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

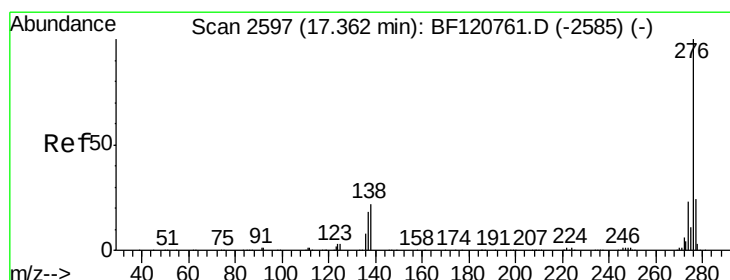
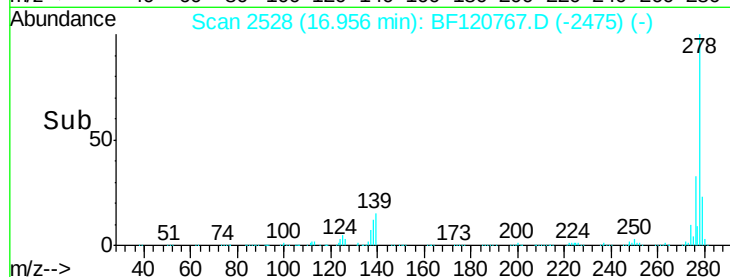
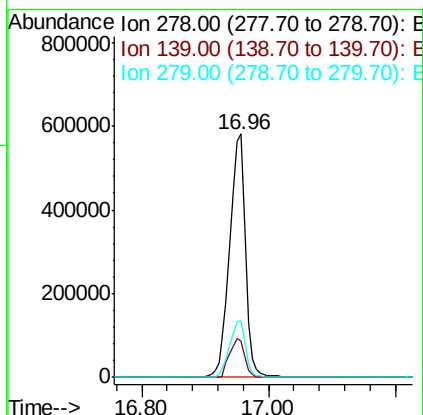
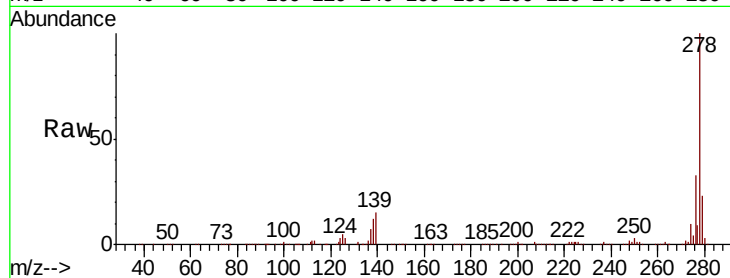




#91
Dibenzo(a,h)anthracene
Concen: 40.080 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 998477
Ion Ratio Lower Upper
278 100
139 15.0 13.3 19.9
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF120767.D
Acq: 6 Jul 2020 9:31

Tgt Ion:276 Resp: 873274
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 21.7 17.4 26.2

