

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120919.D
 Acq On : 17 Jul 2020 13:30
 Operator : JU/CG
 Sample : L3308-24MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Quant Time: Jul 17 14:02:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	209628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	792371	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	398576	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	722895	20.00	ng	0.00
76) Chrysene-d12	13.97	240	411086	20.00	ng	0.00
86) Perylene-d12	15.42	264	458030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1176418	92.00	ng	0.01
7) Phenol-d6	6.46	99	1499807	90.80	ng	0.01
23) Nitrobenzene-d5	7.39	82	917701	67.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	420378	96.35	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1571460	58.87	ng	0.00
79) Terphenyl-d14	12.92	244	1420474	75.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	166278	28.254	ng	99
3) Pyridine	3.32	79	521001	33.279	ng	98
4) n-Nitrosodimethylamine	3.26	42	268584	40.121	ng	97
6) Aniline	6.48	93	845645	39.220	ng	99
8) 2-Chlorophenol	6.60	128	640197	45.447	ng	98
9) Benzaldehyde	6.36	77	164013	17.128	ng	100
10) Phenol	6.47	94	780575	42.959	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	598889	43.007	ng	98
12) 1,3-Dichlorobenzene	6.76	146	601229	39.360	ng	99
13) 1,4-Dichlorobenzene	6.83	146	607842	40.019	ng	99
14) 1,2-Dichlorobenzene	6.99	146	595184	41.421	ng	99
15) Benzyl Alcohol	6.96	79	504185	43.162	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840053	41.853	ng	100
17) 2-Methylphenol	7.07	107	510351	40.875	ng	98
18) Hexachloroethane	7.33	117	218238	39.698	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	390881	41.616	ng	97
20) 3+4-Methylphenols	7.23	107	554178	34.892	ng	95
22) Acetophenone	7.23	105	724855	40.761	ng	# 94
24) Nitrobenzene	7.40	77	632512	42.855	ng	100
25) Isophorone	7.65	82	1175656	43.017	ng	99
26) 2-Nitrophenol	7.72	139	340124	48.522	ng	96
27) 2,4-Dimethylphenol	7.76	122	542069	47.629	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	747454	44.804	ng	100
29) 2,4-Dichlorophenol	7.96	162	520601	44.765	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	544000	42.162	ng	99
31) Naphthalene	8.13	128	1674175	41.190	ng	99
32) Benzoic acid	7.90	122	481218	56.327	ng	99
33) 4-Chloroaniline	8.17	127	683021	37.671	ng	99
34) Hexachlorobutadiene	8.25	225	309875	40.740	ng	99
35) Caprolactam	8.56	113	113072	30.319	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	546779	45.842	ng	96
37) 2-Methylnaphthalene	8.82	142	1137042	43.085	ng	99
38) 1-Methylnaphthalene	8.92	142	1084656	43.395	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	511262	44.026	ng	100

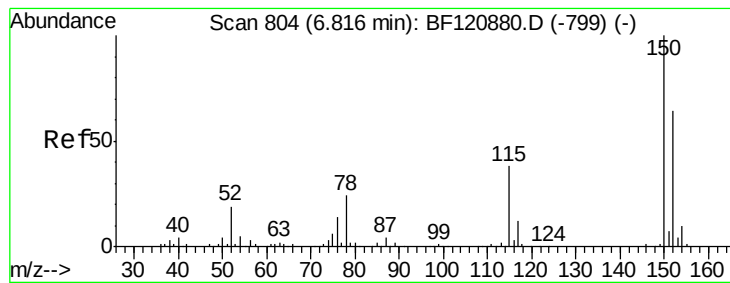
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120919.D
 Acq On : 17 Jul 2020 13:30
 Operator : JU/CG
 Sample : L3308-24MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Quant Time: Jul 17 14:02:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	399722	62.280	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	386470	47.266	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	420371	45.324	ng	99
46) 1,1'-Biphenyl	9.28	154	1331018	43.779	ng	99
47) 2-Chloronaphthalene	9.30	162	1074295	43.339	ng	100
48) 2-Nitroaniline	9.40	65	348906	46.576	ng	99
49) Acenaphthylene	9.72	152	1667247	43.295	ng	99
50) Dimethylphthalate	9.59	163	1547242	53.808	ng	98
51) 2,6-Dinitrotoluene	9.65	165	293093	47.444	ng	92
52) Acenaphthene	9.89	154	1022695	41.772	ng	100
53) 3-Nitroaniline	9.81	138	280200	36.164	ng	98
54) 2,4-Dinitrophenol	9.92	184	265977	75.243	ng	91
55) Dibenzofuran	10.06	168	1492957	42.169	ng	99
56) 4-Nitrophenol	9.98	139	521360	88.583	ng	98
57) 2,4-Dinitrotoluene	10.05	165	390160	48.093	ng	90
58) Fluorene	10.41	166	1060359	40.157	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	347236	49.172	ng	97
60) Diethylphthalate	10.29	149	1283673	44.136	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	529963	37.629	ng	98
62) 4-Nitroaniline	10.43	138	311263	41.242	ng	97
63) Azobenzene	10.56	77	1198962	43.301	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	179484	43.308	ng	90
66) n-Nitrosodiphenylamine	10.52	169	1075182	47.280	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	372184	46.178	ng	96
68) Hexachlorobenzene	10.95	284	407747	46.768	ng	97
69) Atrazine	11.05	200	301817	53.590	ng	97
70) Pentachlorophenol	11.15	266	463804	92.859	ng	99
71) Phenanthrene	11.37	178	1592043	42.821	ng	100
72) Anthracene	11.42	178	1648591	44.159	ng	99
73) Carbazole	11.57	167	1523041	41.109	ng	99
74) Di-n-butylphthalate	11.90	149	1971249	46.106	ng	99
75) Fluoranthene	12.55	202	1632792	39.622	ng	99
77) Benzidine	12.67	184	1021179	94.482	ng	99
78) Pyrene	12.78	202	1594206	54.852	ng	99
80) Butylbenzylphthalate	13.40	149	748847	57.798	ng	100
81) Benzo(a)anthracene	13.97	228	1105155	44.396	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	480631	51.177	ng	97
83) Chrysene	14.00	228	1228358	46.955	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	873276	54.660	ng	# 98
85) Di-n-octyl phthalate	14.57	149	1583256	49.810	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1610710	50.565	ng	99
88) Benzo(b)fluoranthene	15.01	252	1304025	47.100	ng	100
89) Benzo(k)fluoranthene	15.04	252	1159757	45.931	ng	100
90) Benzo(a)pyrene	15.37	252	1182879	46.828	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1313875	50.494	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1339044	52.193	ng	99

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

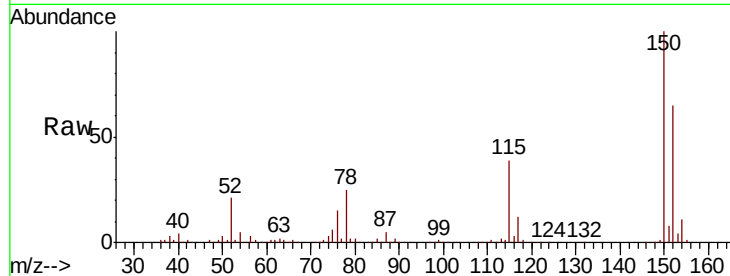


#1

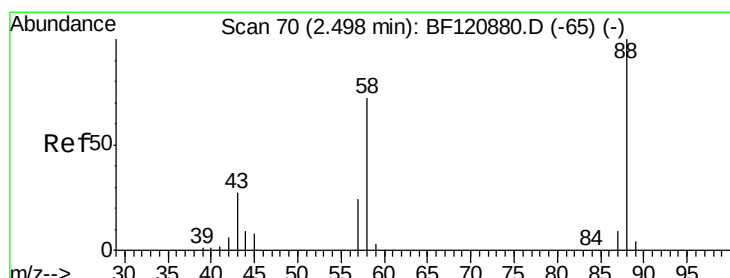
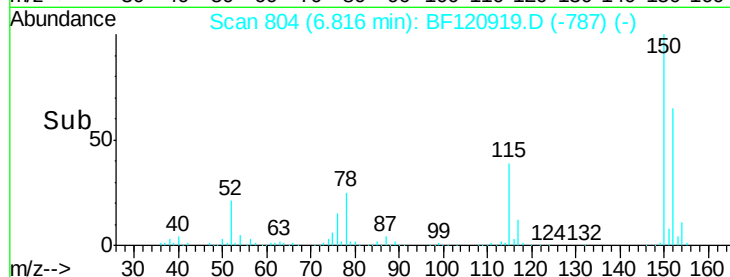
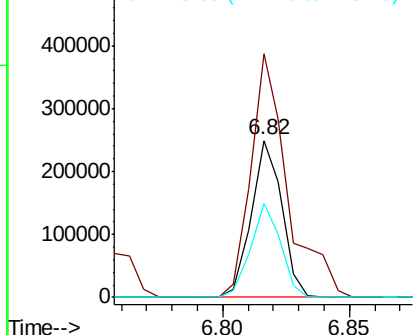
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:152 Resp: 209628
Ion Ratio Lower Upper
152 100
150 154.9 125.0 187.6
115 59.9 47.0 70.4



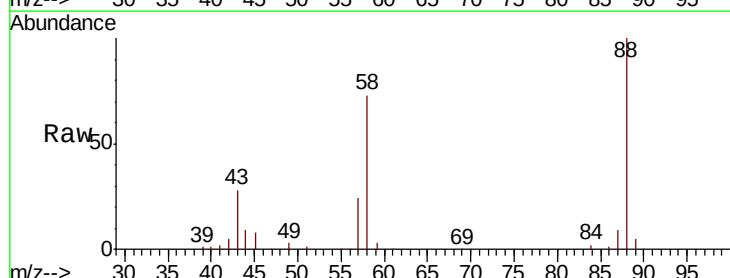
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



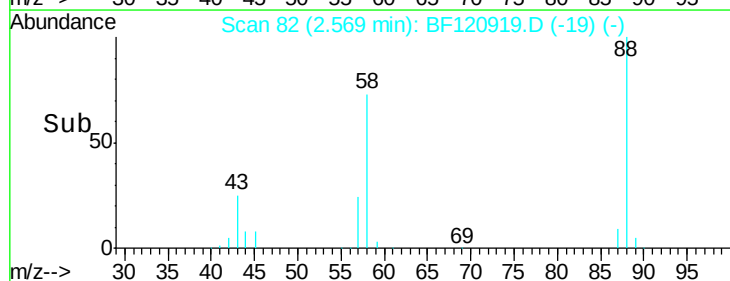
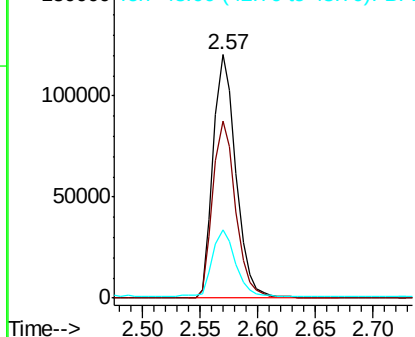
#2

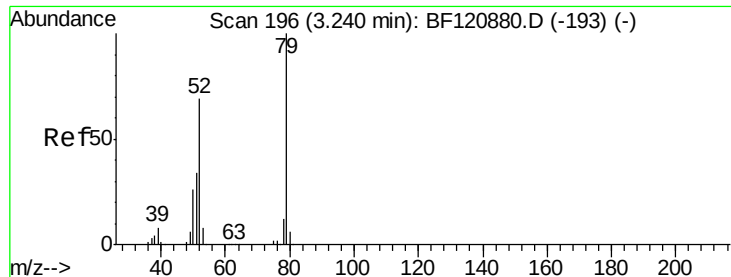
1,4-Dioxane
Concen: 28.254 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion: 88 Resp: 166278
Ion Ratio Lower Upper
88 100
58 73.2 58.2 87.2
43 27.9 22.1 33.1



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: 33.279 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampled :

24MSD

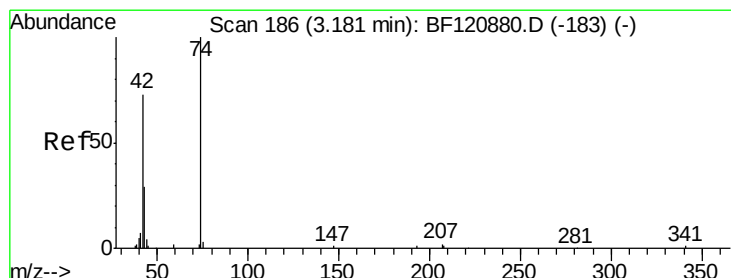
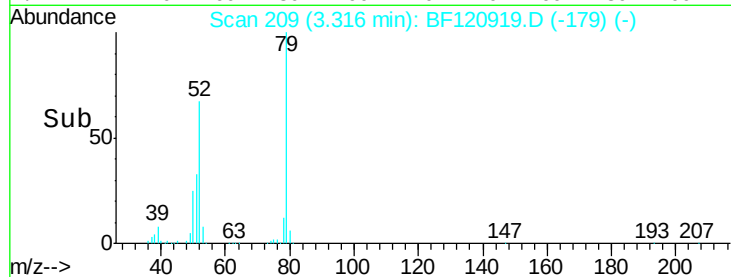
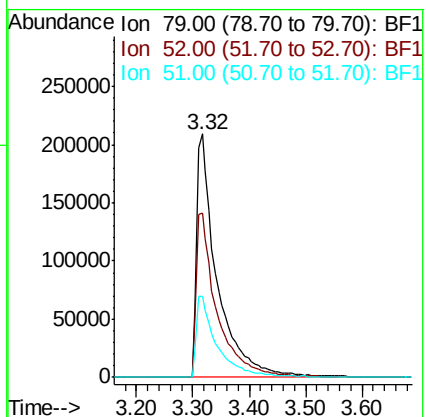
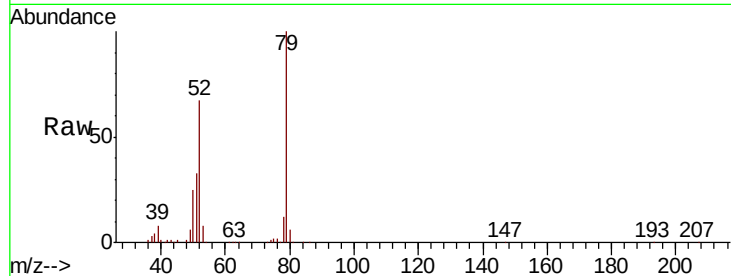
Tot Ion: 79 Resp: 521001

Ion Ratio Lower Upper

79 100

52 67.2 55.0 82.6

51 33.2 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 40.121 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.08 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

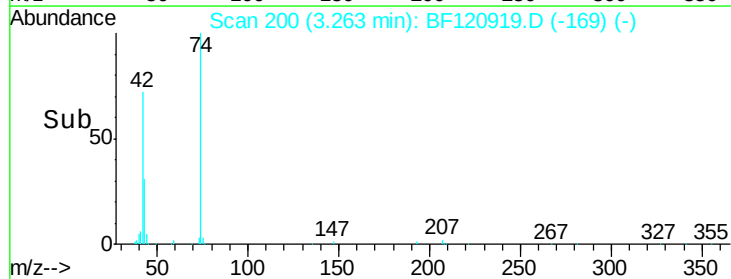
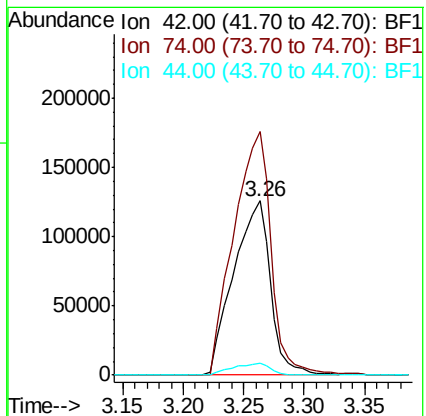
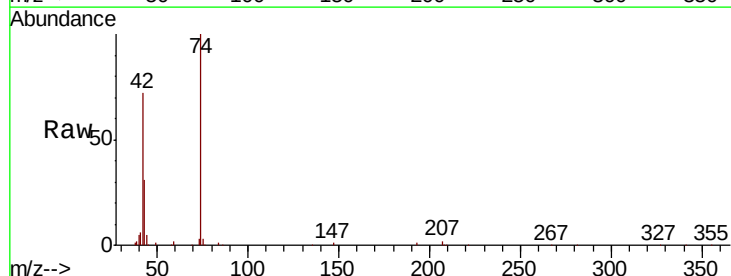
Tgt Ion: 42 Resp: 268584

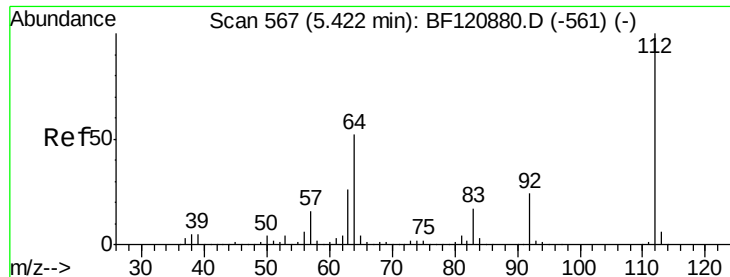
Ion Ratio Lower Upper

42 100

74 139.9 108.7 163.1

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 92.000 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampled :

24MSD

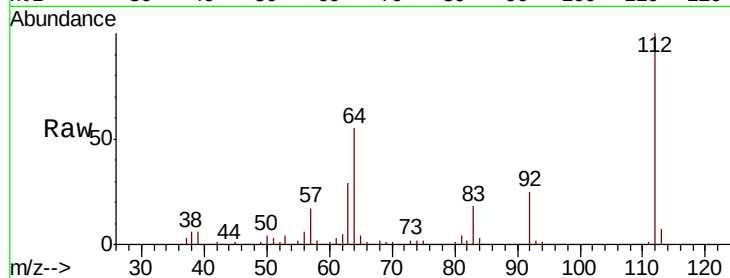
Tot Ion:112 Resp: 1176418

Ion Ratio Lower Upper

112 100

64 55.3 41.3 61.9

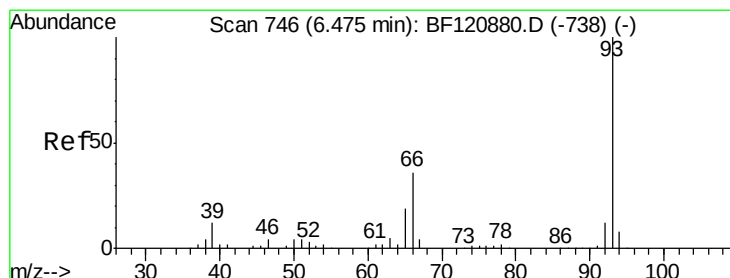
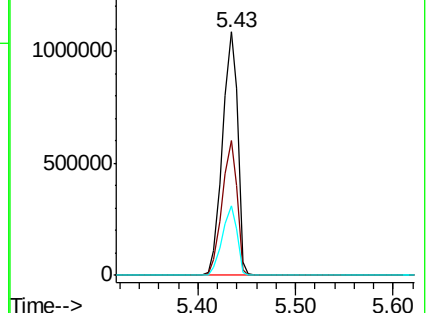
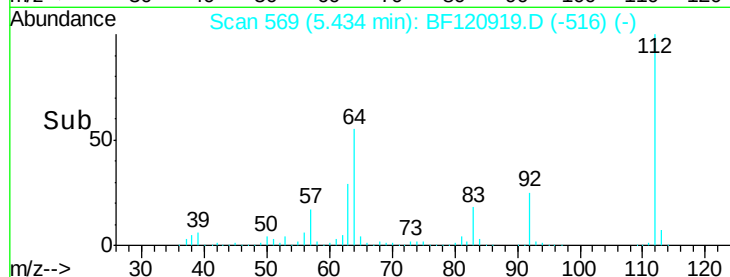
63 28.5 21.1 31.7



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: 39.220 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

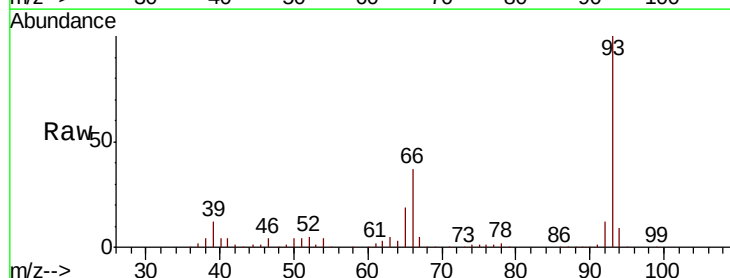
Tgt Ion: 93 Resp: 845645

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.4

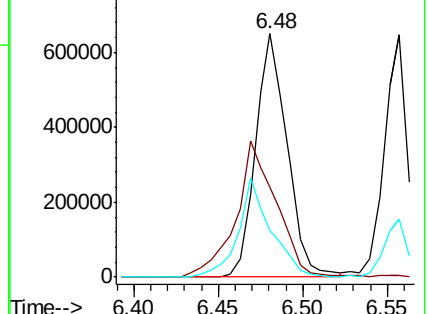
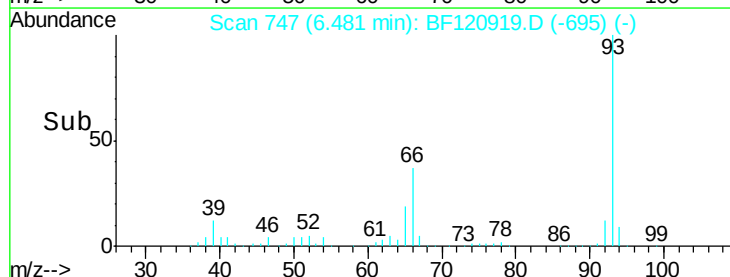
65 19.2 15.8 23.6

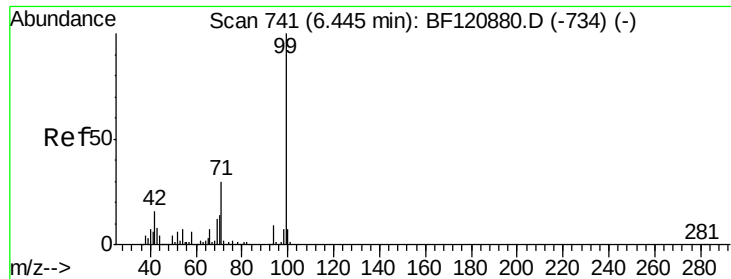


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.799 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

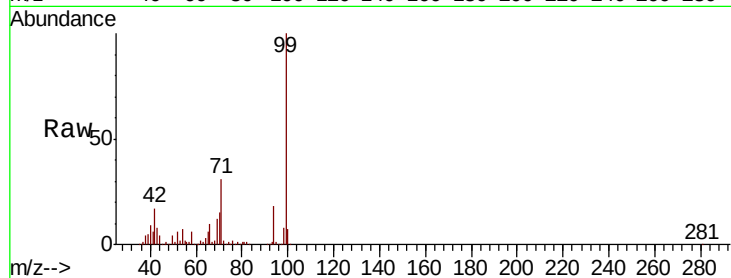
BNA_F

ClientSampled :

24MSD

Tot Ion: 99 Resp: 1499807

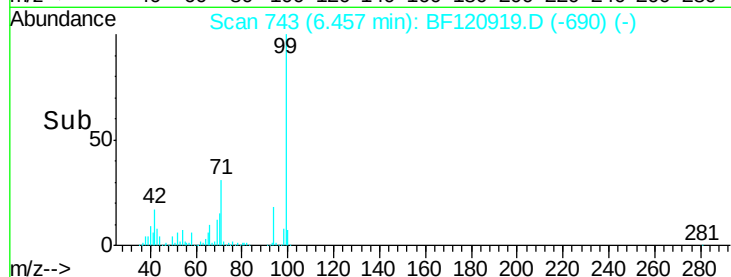
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	31.4	24.2	36.4



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



Time-->

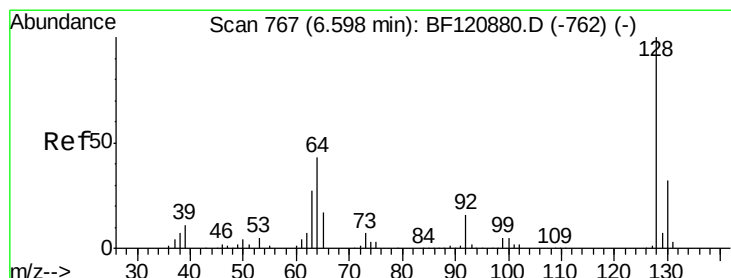
6.46

1000000

500000

0

6.40 6.50 6.60



#8

2-Chlorophenol

Concen: 45.447 ng

RT: 6.60 min Scan# 768

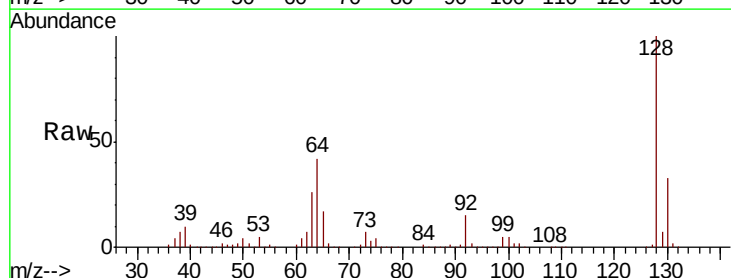
Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Tgt Ion: 128 Resp: 640197

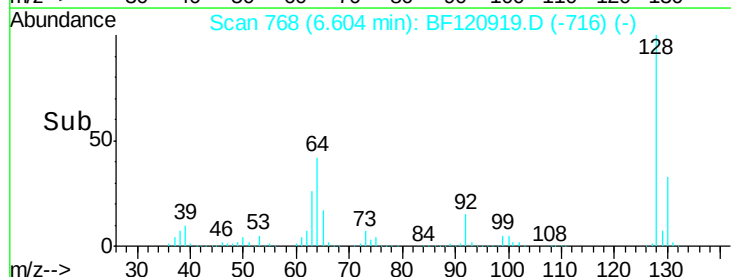
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.1	52.1
64	42.4	24.0	64.0



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



Time-->

6.60

800000

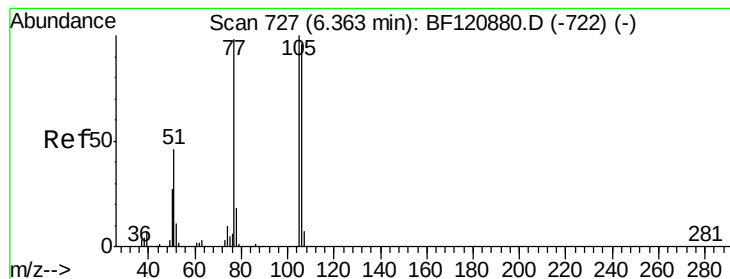
600000

400000

200000

0

6.55 6.60 6.65



#9

Benzaldehyde

Concen: 17.128 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

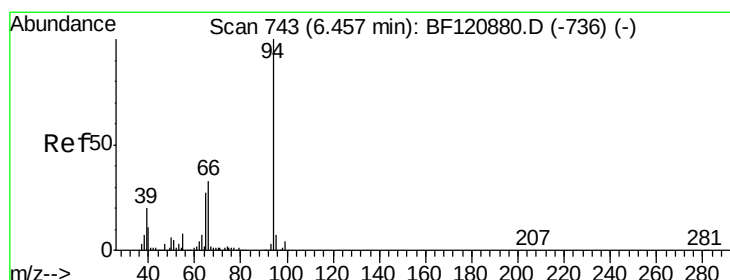
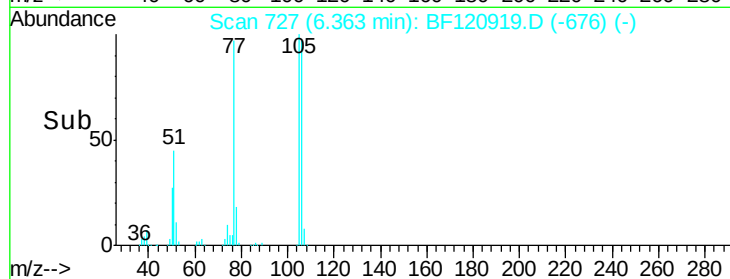
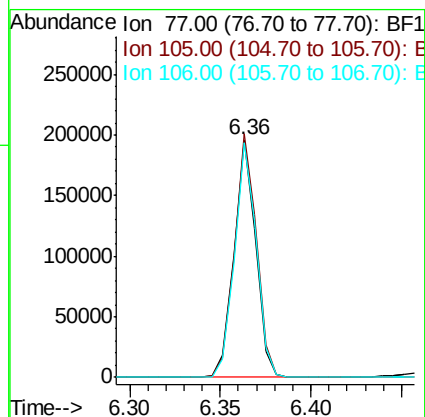
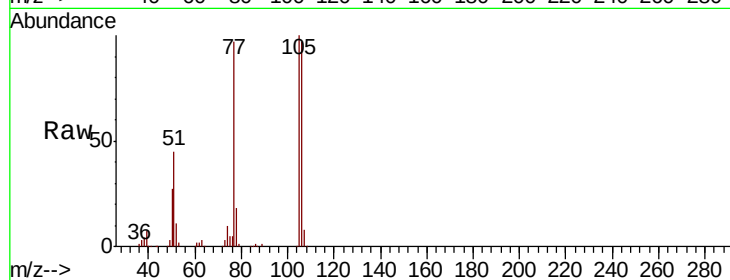
Tot Ion: 77 Resp: 164013

Ion Ratio Lower Upper

77 100

105 102.6 82.5 122.5

106 99.1 78.7 118.7



#10

Phenol

Concen: 42.959 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

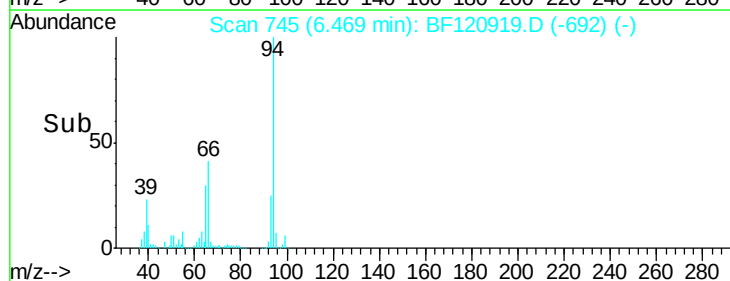
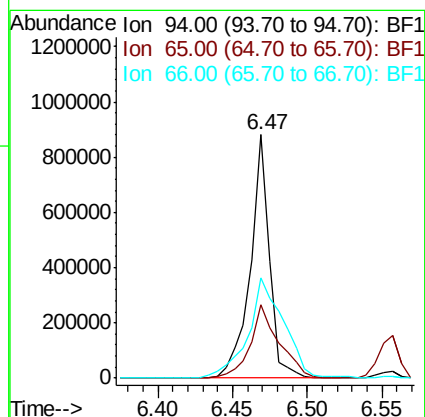
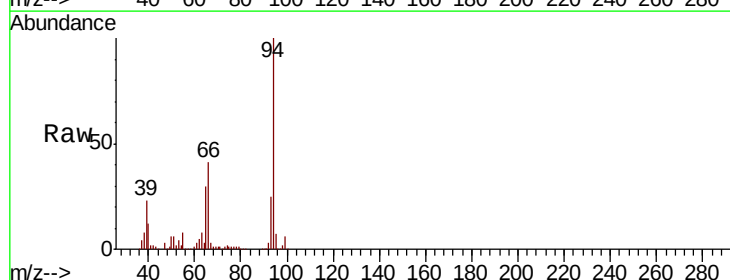
Tgt Ion: 94 Resp: 780575

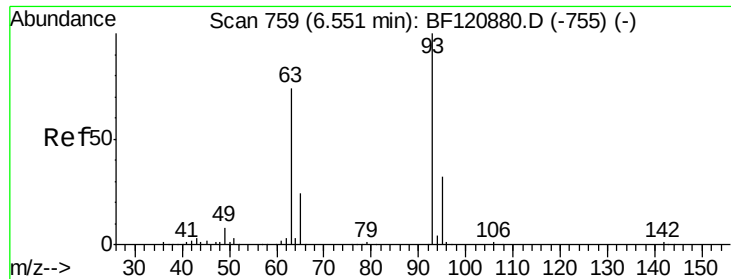
Ion Ratio Lower Upper

94 100

65 30.2 6.6 46.6

66 41.4 13.2 53.2

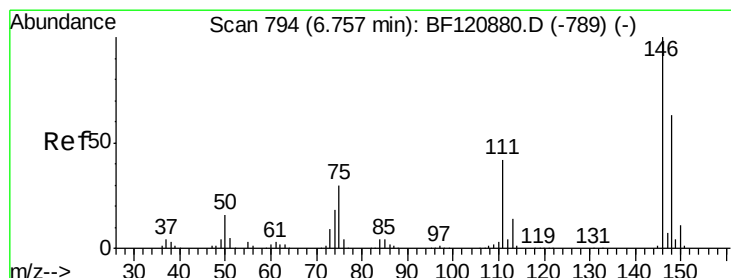
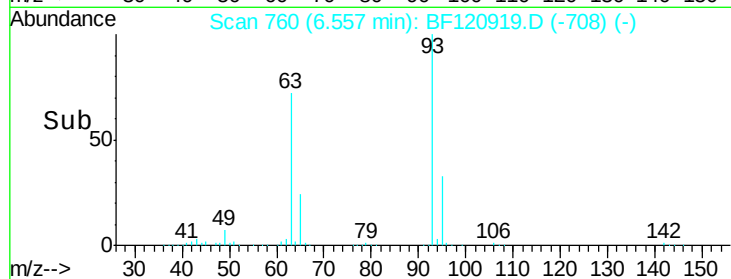
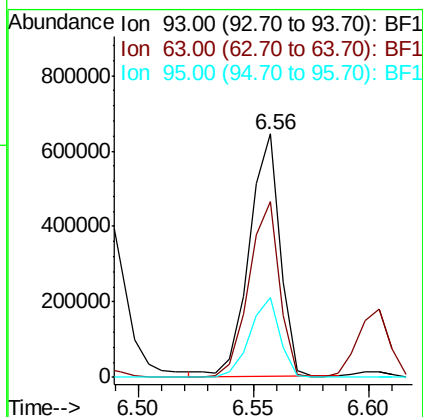
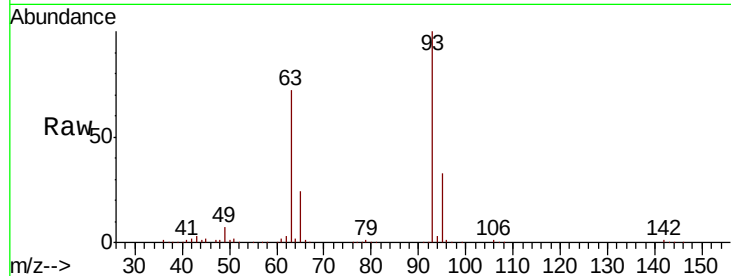




#11
bis(2-Chloroethyl)ether
Concen: 43.007 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

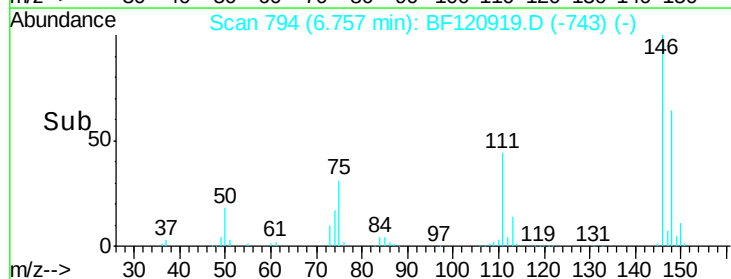
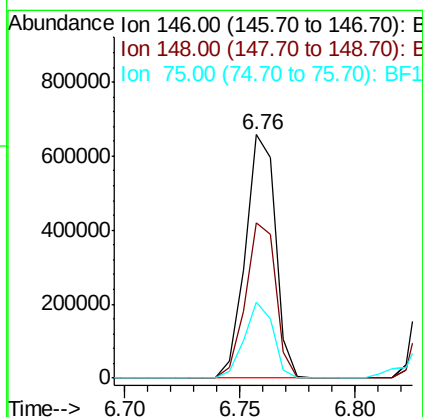
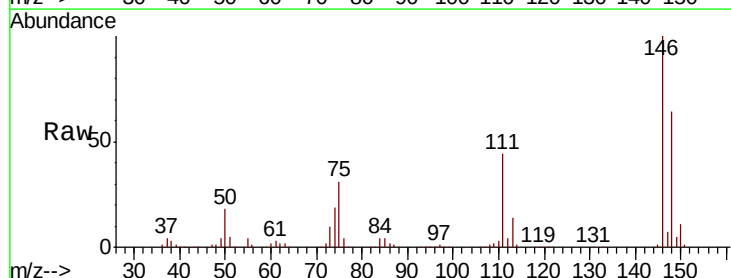
Instrument :
BNA_F
ClientSampleId :
24MSD

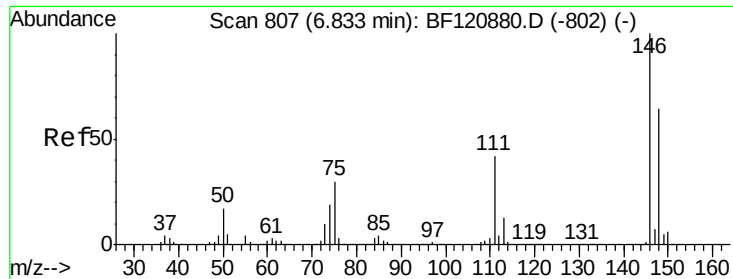
Tot Ion: 93 Resp: 598889
Ion Ratio Lower Upper
93 100
63 72.4 54.2 94.2
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.360 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion: 146 Resp: 601229
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 31.2 24.1 36.1

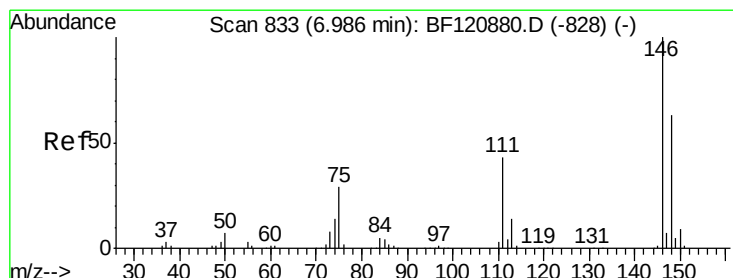
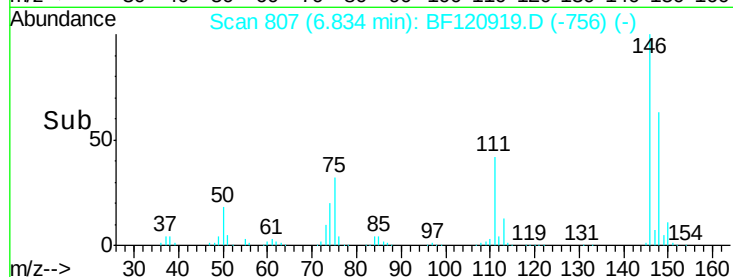
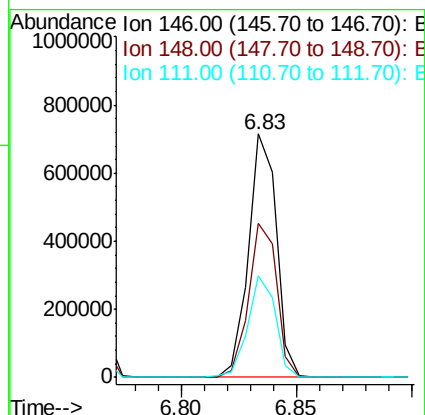
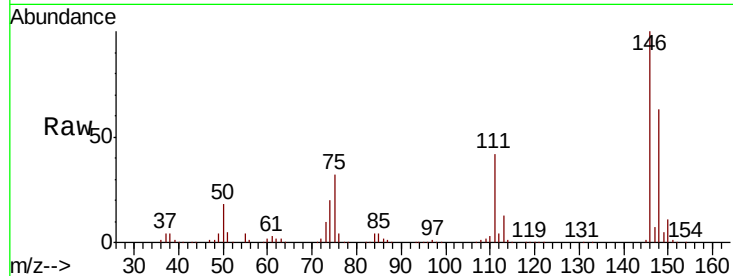




#13
 1,4-Dichlorobenzene
 Concen: 40.019 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

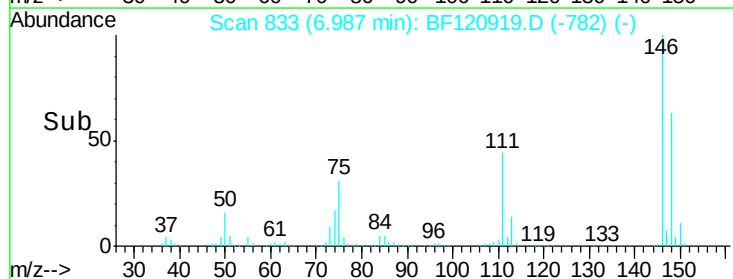
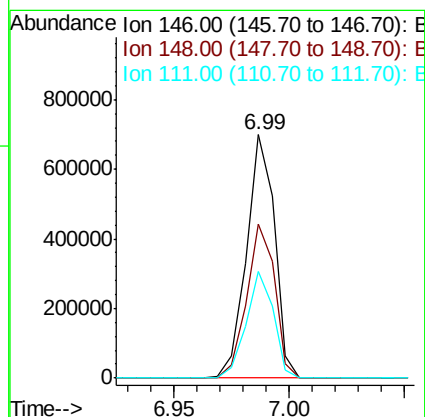
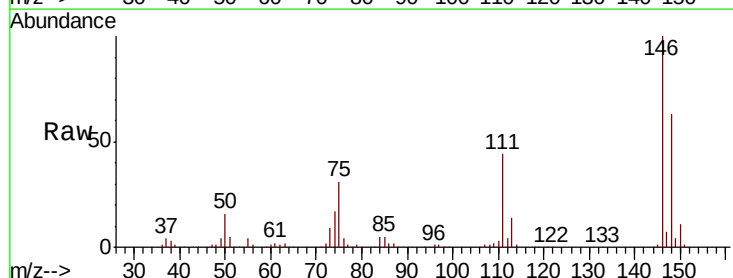
Instrument :
 BNA_F
 ClientSampled :
 24MSD

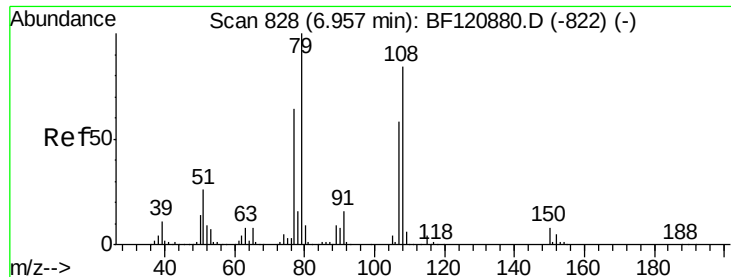
Tot Ion:146 Resp: 607842
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 41.8 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 41.421 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:146 Resp: 595184
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 43.6 34.2 51.2





#15

Benzyl Alcohol

Concen: 43.162 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

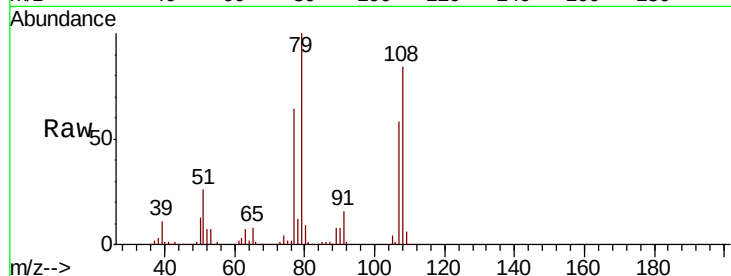
Tot Ion: 79 Resp: 504185

Ion Ratio Lower Upper

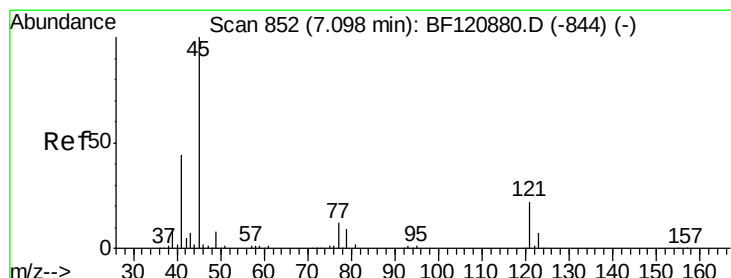
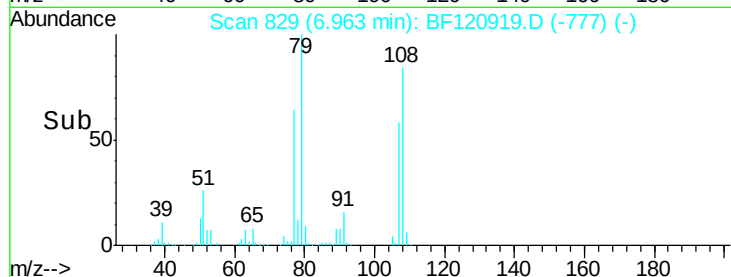
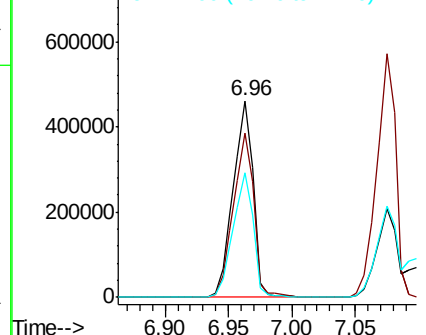
79 100

108 83.8 67.0 100.6

77 63.6 51.0 76.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.853 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

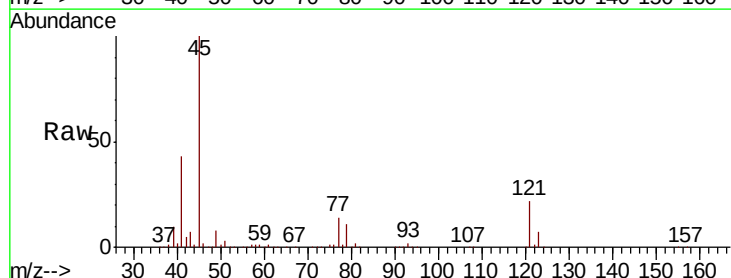
Tgt Ion: 45 Resp: 840053

Ion Ratio Lower Upper

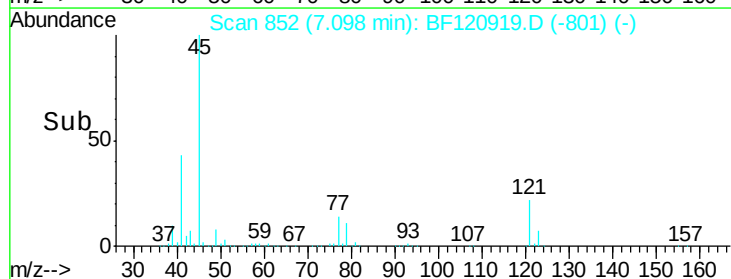
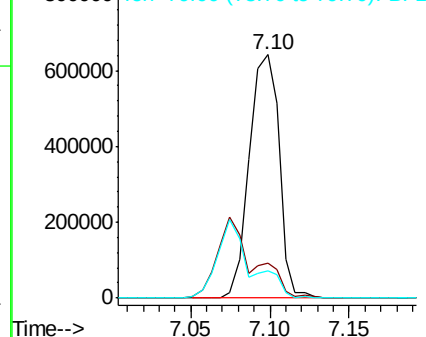
45 100

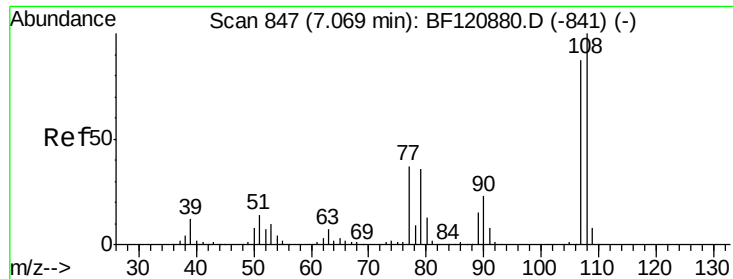
77 14.2 0.0 34.3

79 11.0 0.0 31.0



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

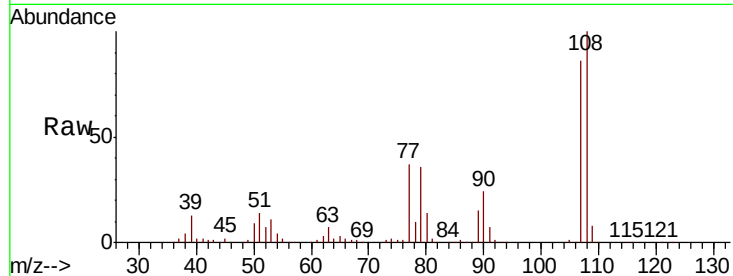




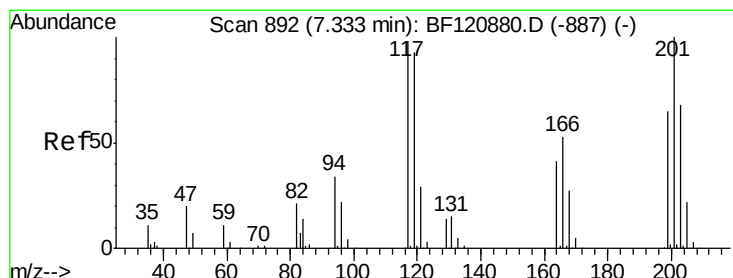
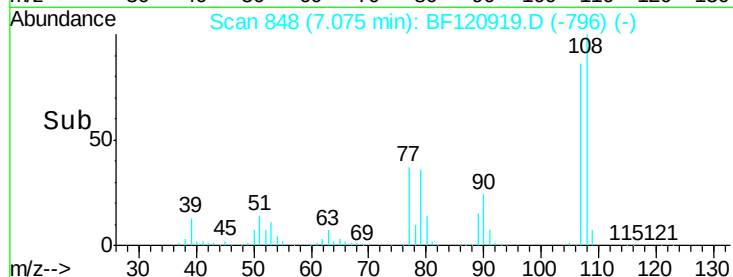
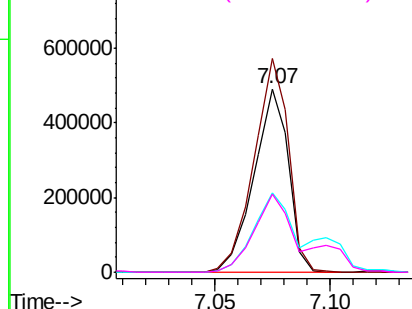
#17
2-Methylphenol
Concen: 40.875 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:107 Resp: 510351
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 43.6 34.0 51.0
79 42.5 33.3 49.9

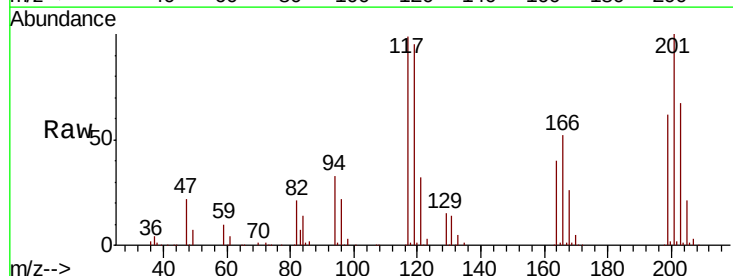


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

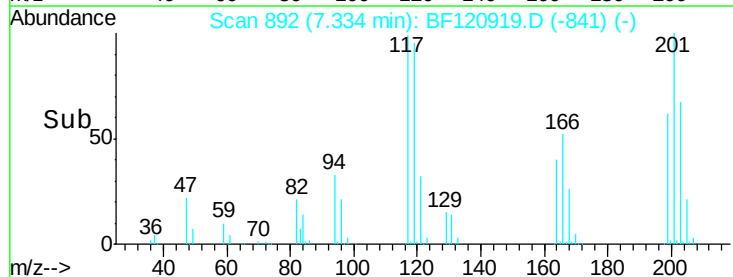
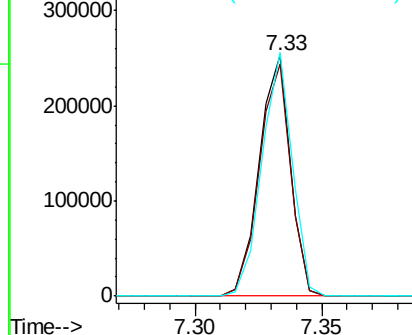


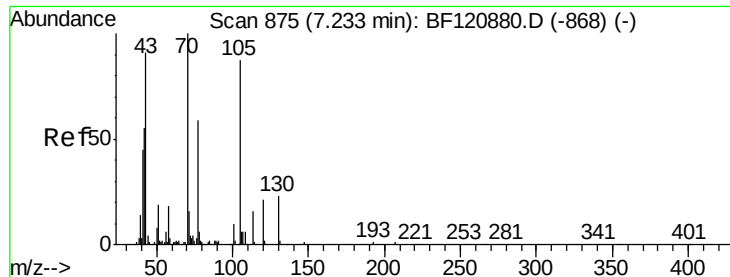
#18
Hexachloroethane
Concen: 39.698 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:117 Resp: 218238
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0
201 101.1 81.7 122.5



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

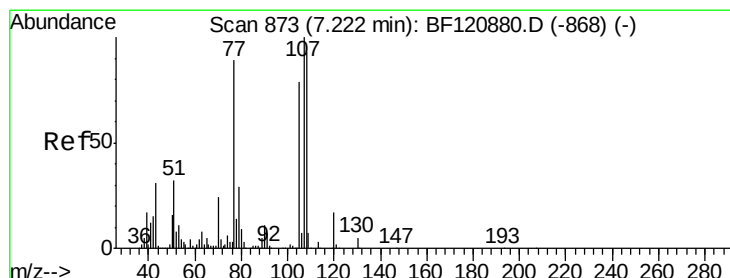
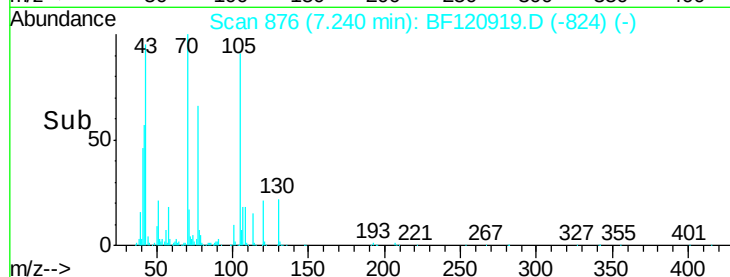
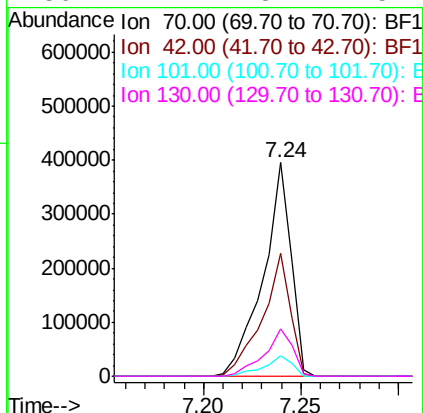
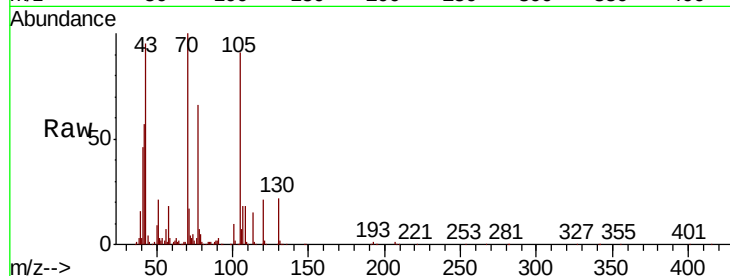




#19
n-Nitroso-di-n-propylamine
Concen: 41.616 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

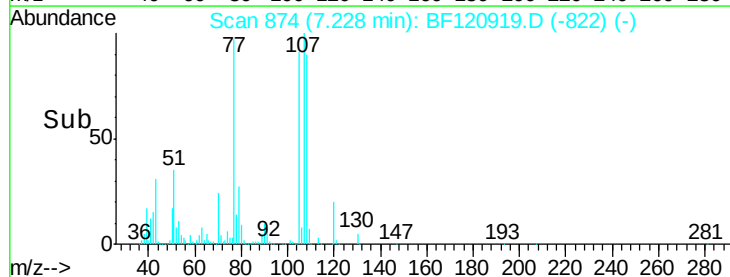
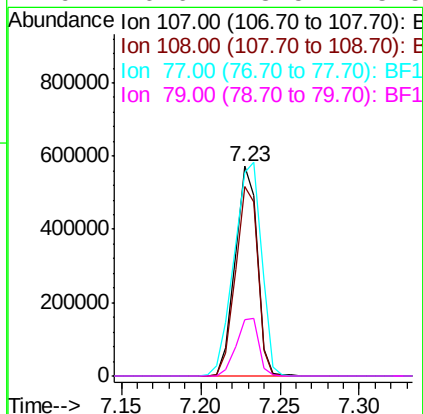
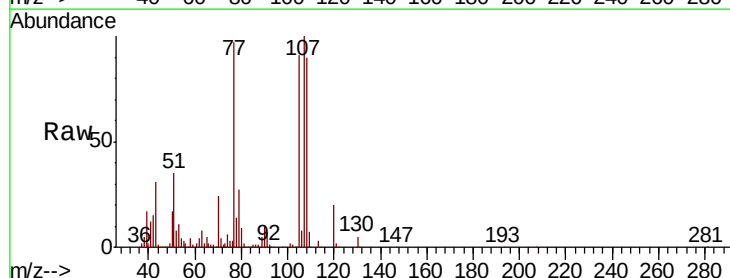
Instrument :
BNA_F
ClientSampleId :
24MSD

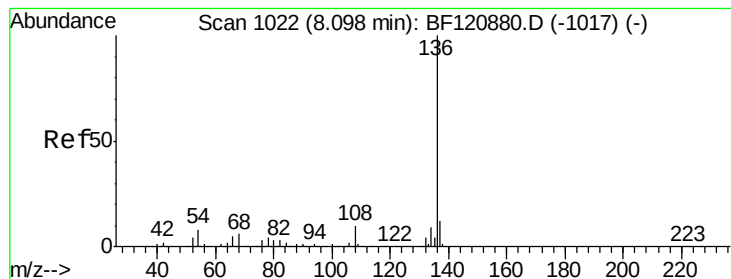
Tot Ion:	70	Resp:	390881
Ion	Ratio	Lower	Upper
70	100		
42	57.4	44.0	66.0
101	9.8	7.8	11.6
130	22.1	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.892 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:	107	Resp:	554178
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.8	112.8
77	97.0	68.7	108.7
79	26.6	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:136 Resp: 792371

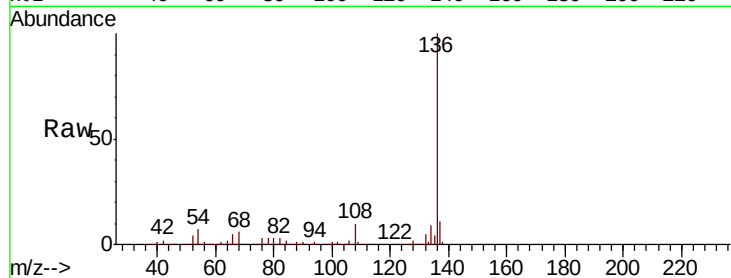
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.1 6.3 9.5

68 5.8 5.0 7.4

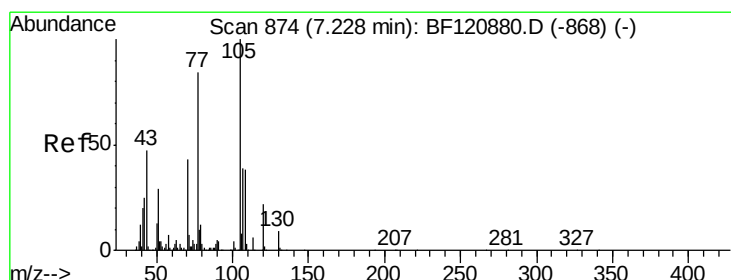
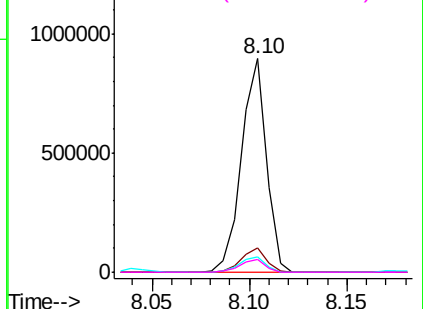
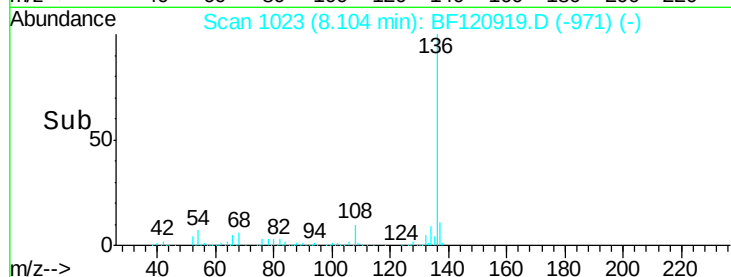


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.761 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Tgt Ion:105 Resp: 724855

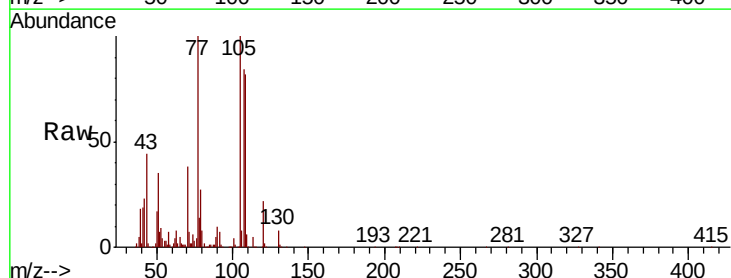
Ion Ratio Lower Upper

105 100

71 6.6 5.7 8.5

51 34.5 22.9 34.3#

120 22.3 18.0 27.0

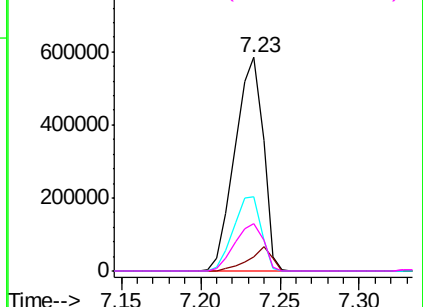
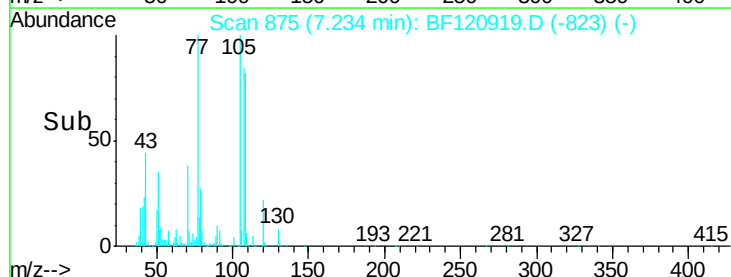


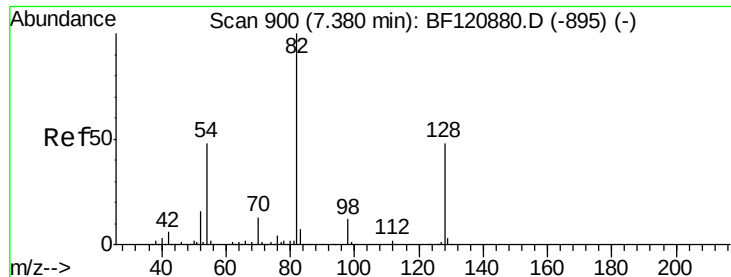
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

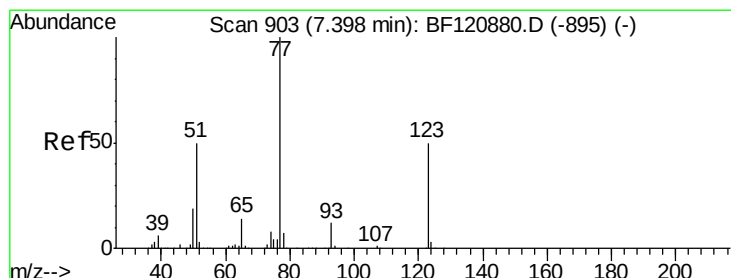
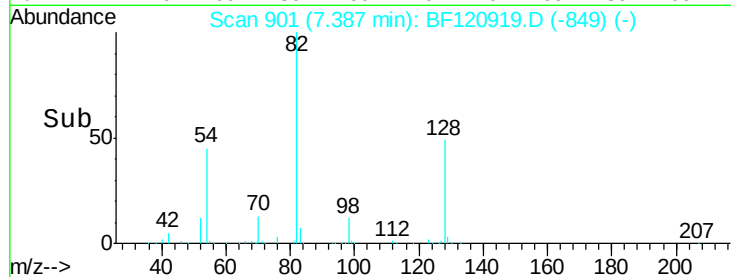
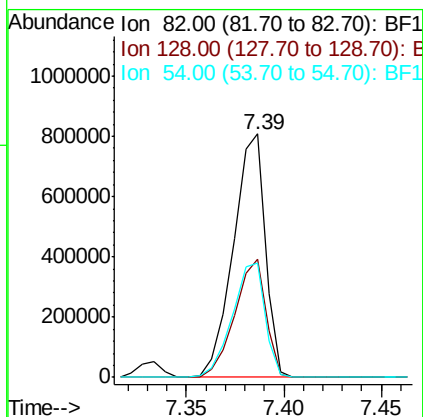
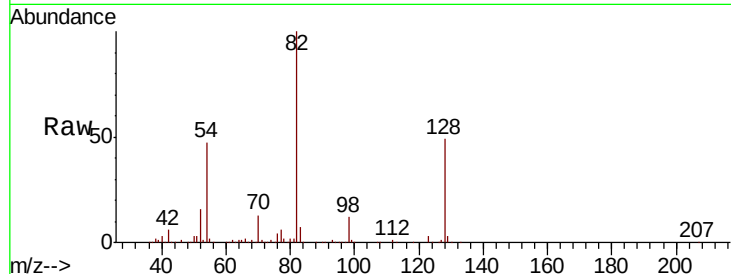




#23
 Nitrobenzene-d5
 Concen: 67.015 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

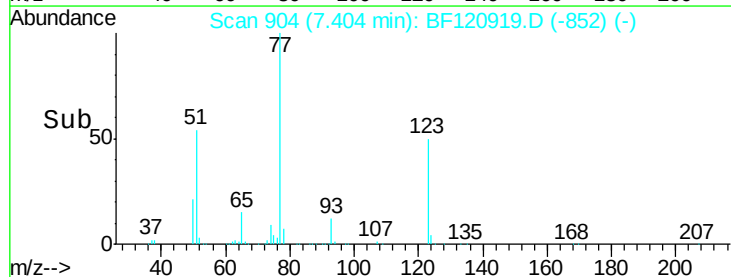
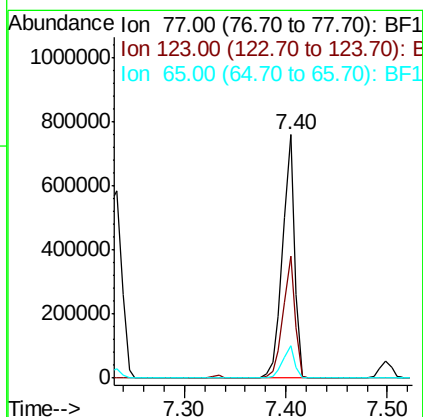
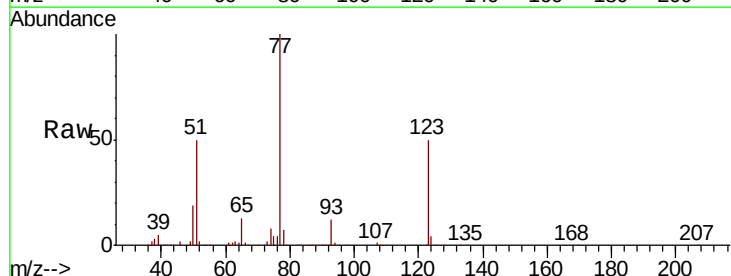
Instrument :
 BNA_F
 ClientSampleId :
 24MSD

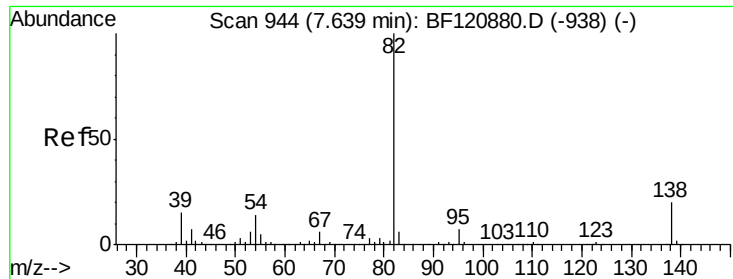
Tot Ion	82	Resp	917701
Ion Ratio	100	Lower	Upper
128	48.7	38.2	57.4
54	47.2	38.7	58.1



#24
 Nitrobenzene
 Concen: 42.855 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	77	Resp	632512
Ion Ratio	100	Lower	Upper
123	50.3	40.1	60.1
65	13.2	10.8	16.2





#25

Isophorone

Concen: 43.017 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

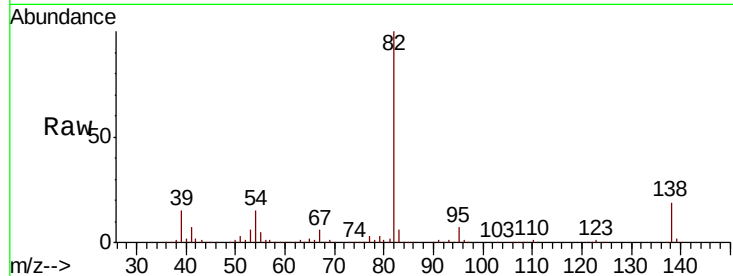
Tot Ion: 82 Resp: 1175656

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

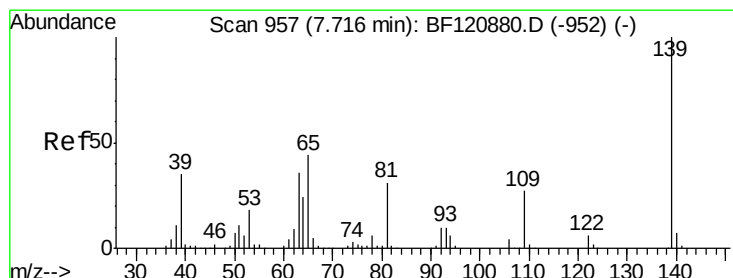
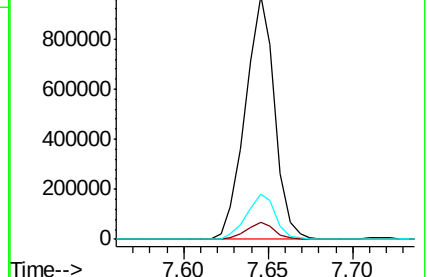
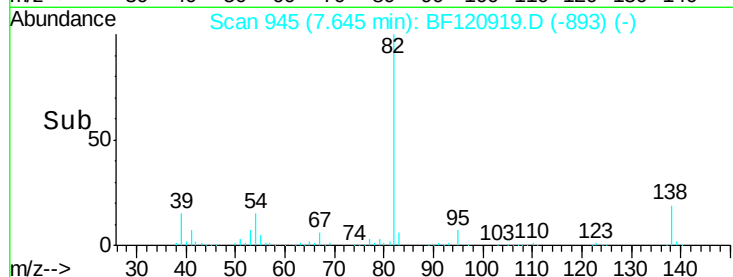
138 18.8 15.6 23.4



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: 48.522 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

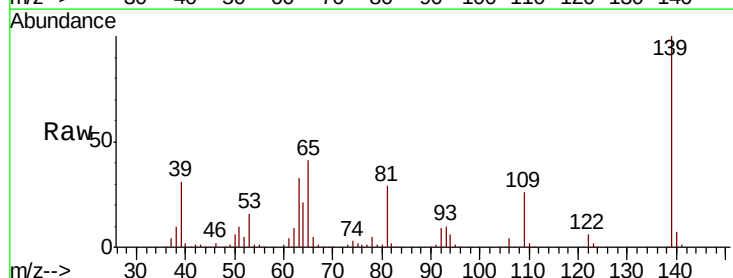
Tgt Ion: 139 Resp: 340124

Ion Ratio Lower Upper

139 100

109 25.5 21.6 32.4

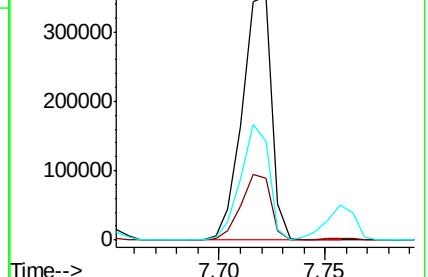
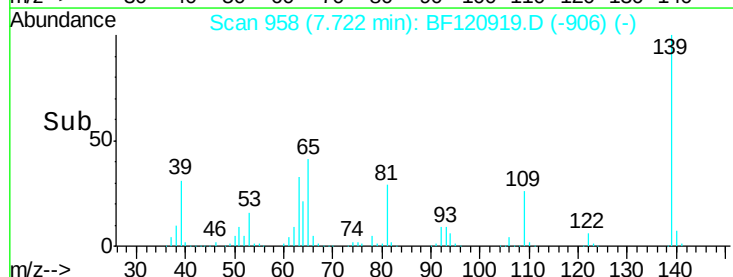
65 40.9 35.3 52.9

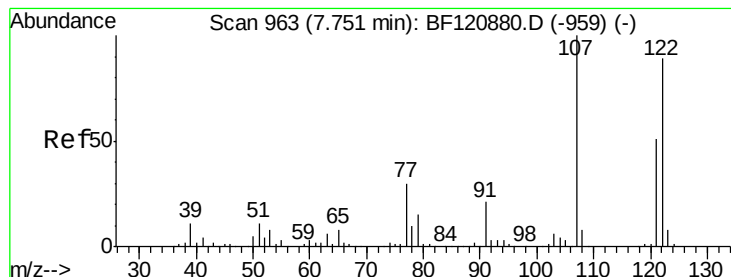


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.629 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

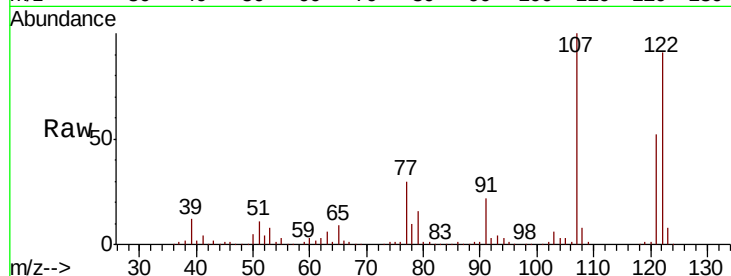
Tot Ion:122 Resp: 542069

Ion Ratio Lower Upper

122 100

107 109.5 89.4 134.0

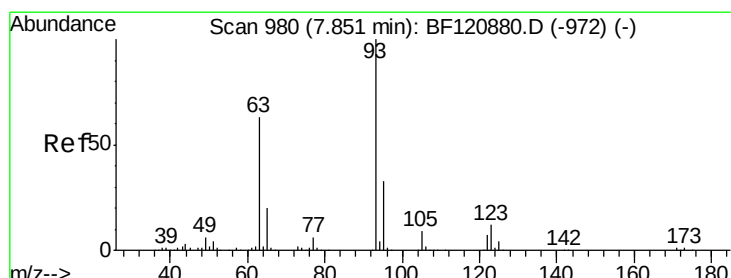
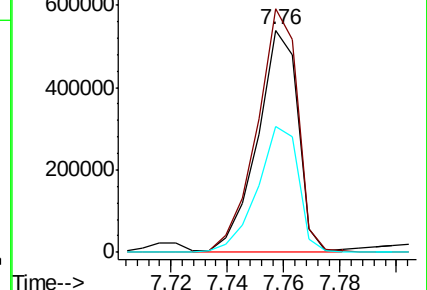
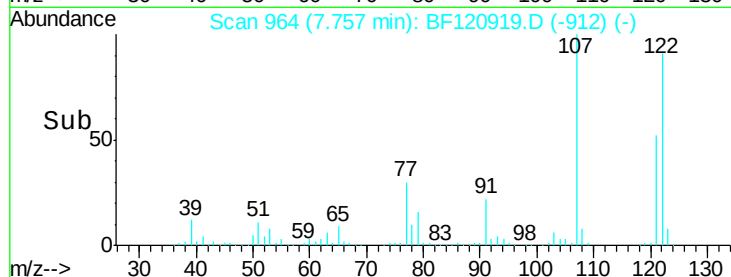
121 56.8 46.0 69.0



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: 44.804 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

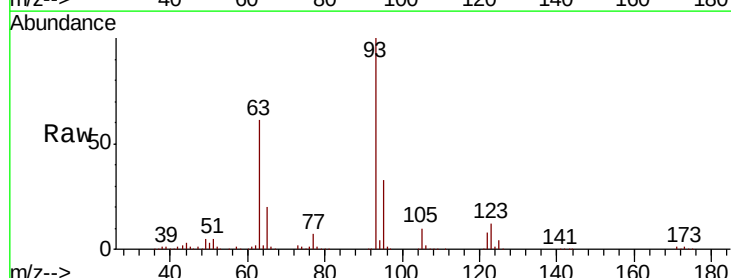
Tgt Ion: 93 Resp: 747454

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

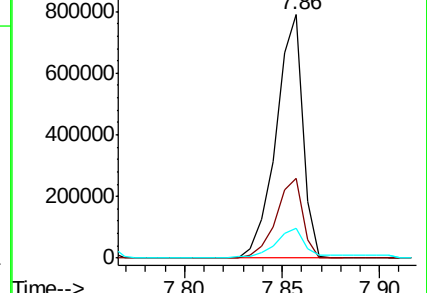
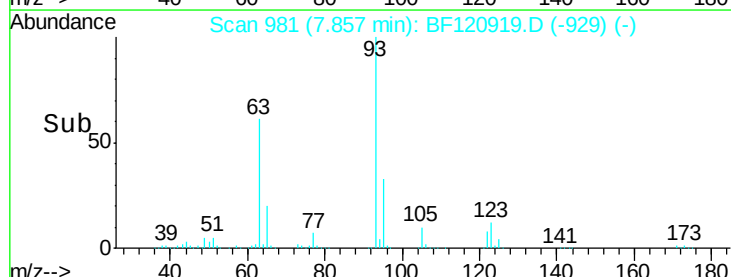
123 12.2 10.0 15.0

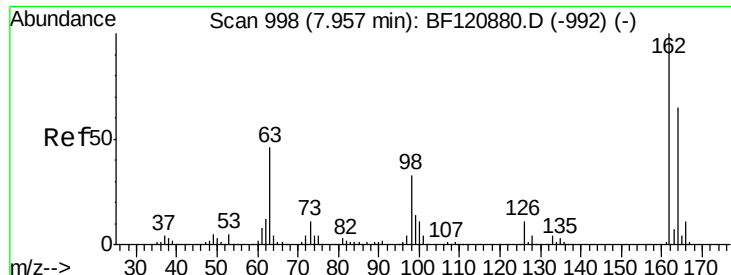


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

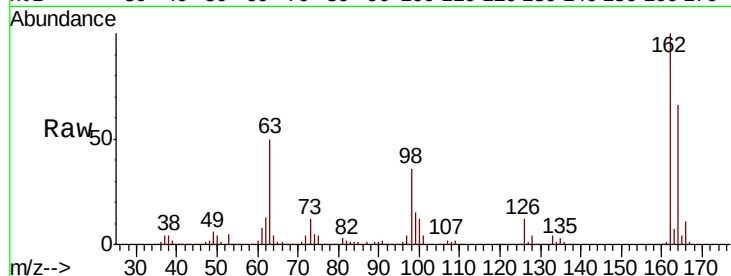




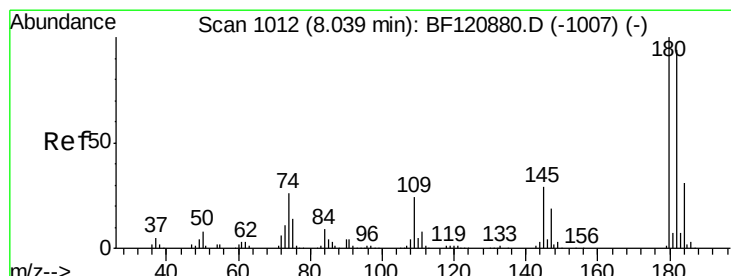
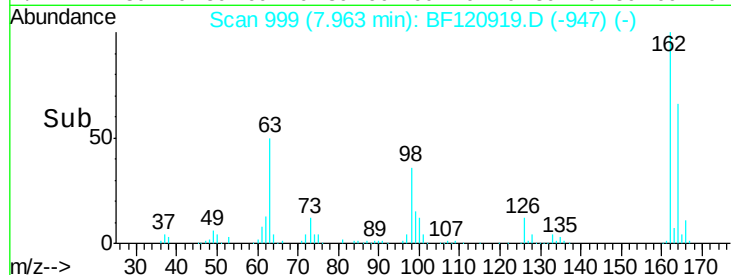
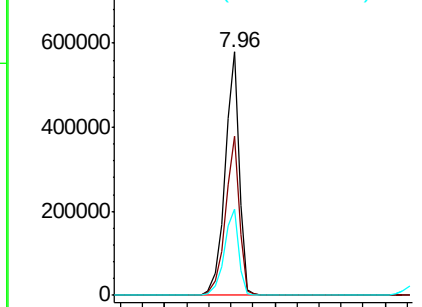
#29
 2,4-Dichlorophenol
 Concen: 44.765 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampled :
 24MSD

Tot Ion:162	Resp:	520601
Ion Ratio	Lower	Upper
162	100	
164	65.6	45.3 85.3
98	35.6	13.3 53.3

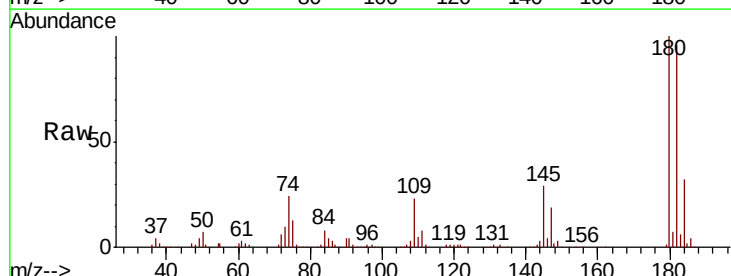


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

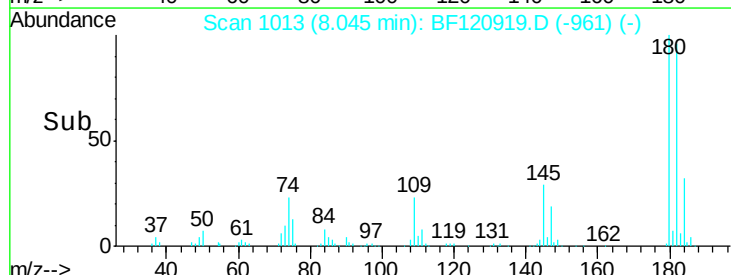
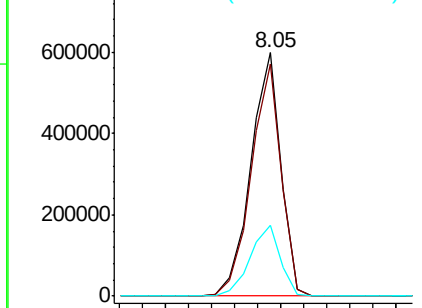


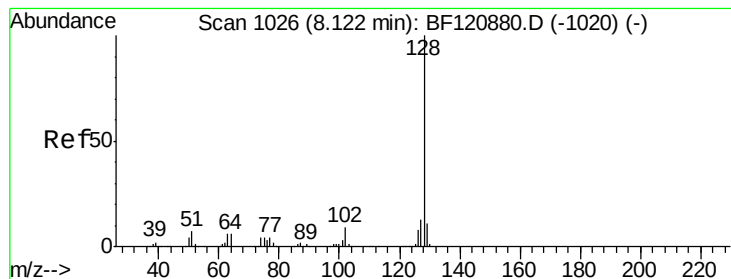
#30
 1,2,4-Trichlorobenzene
 Concen: 42.162 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:180	Resp:	544000
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.0 112.6
145	29.3	23.5 35.3



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





#31

Naphthalene

Concen: 41.190 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

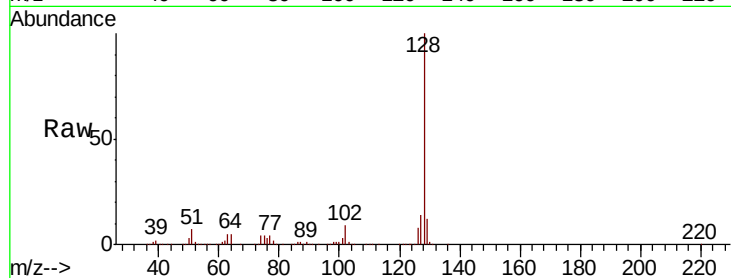
Tot Ion:128 Resp: 1674175

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

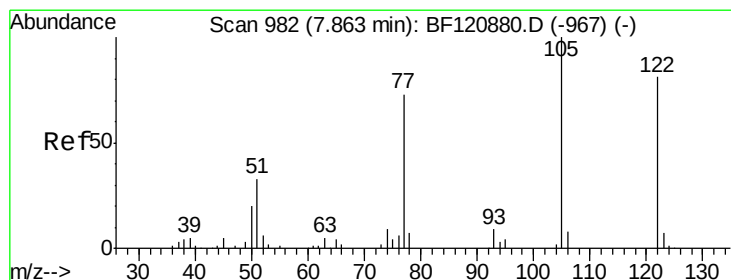
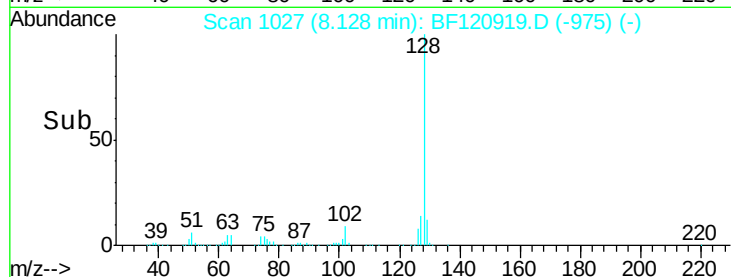
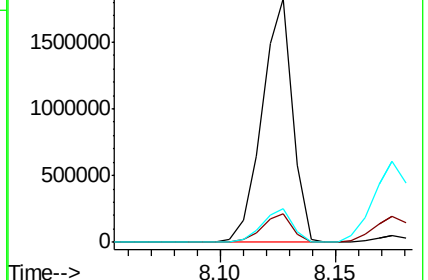
127 13.7 10.7 16.1



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: 56.327 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

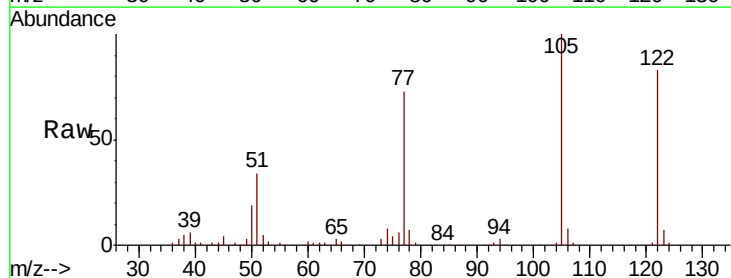
Tgt Ion:122 Resp: 481218

Ion Ratio Lower Upper

122 100

105 120.3 101.3 141.3

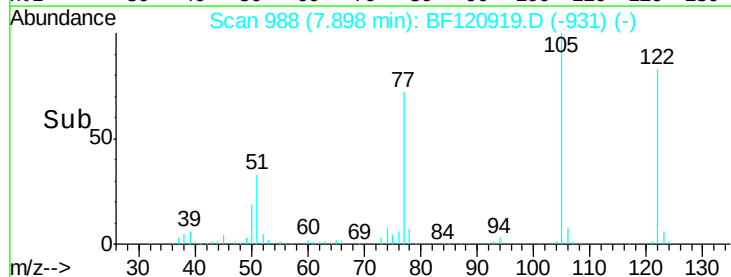
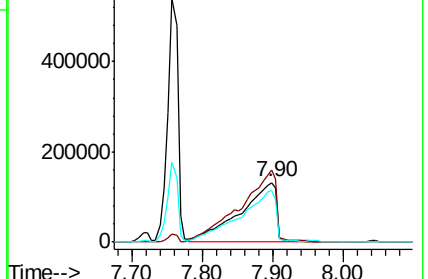
77 87.6 69.1 109.1

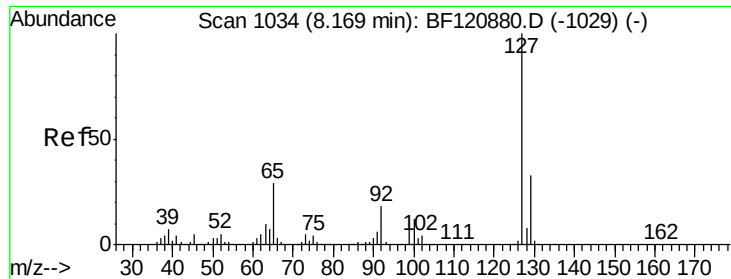


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

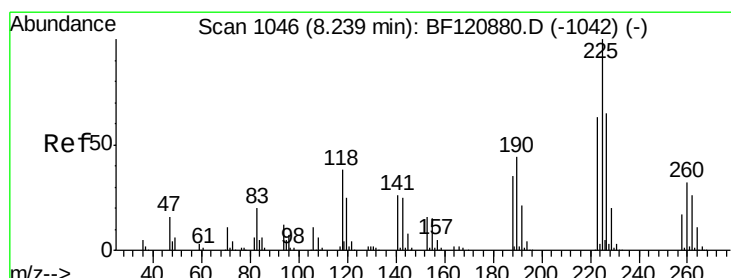
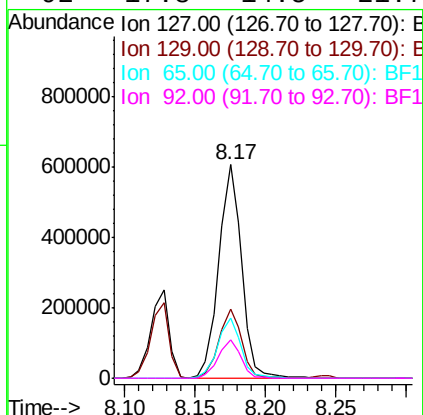
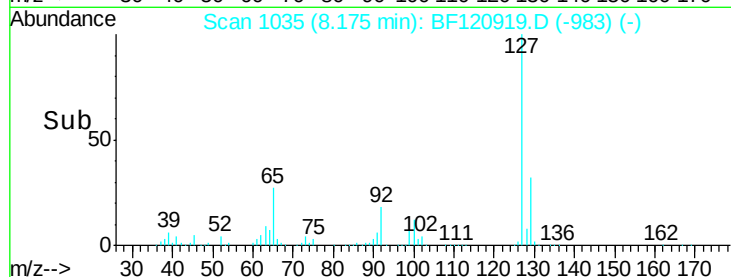
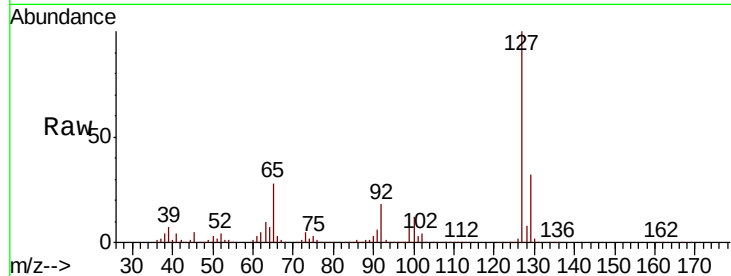




#33
4-Chloroaniline
Concen: 37.671 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

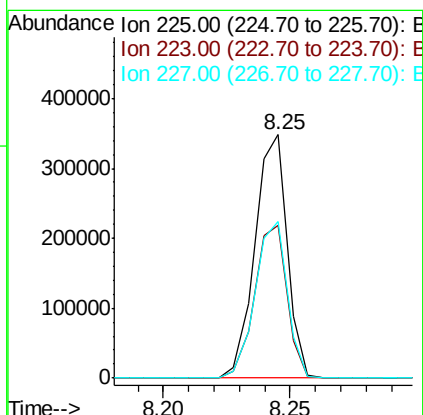
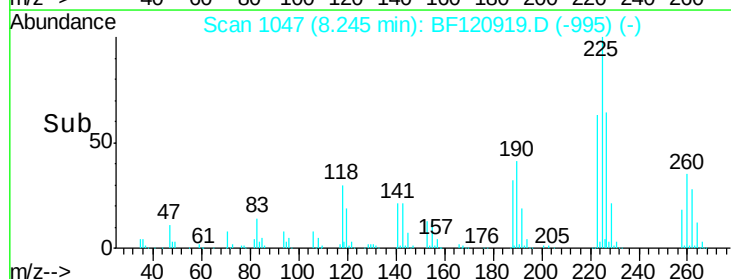
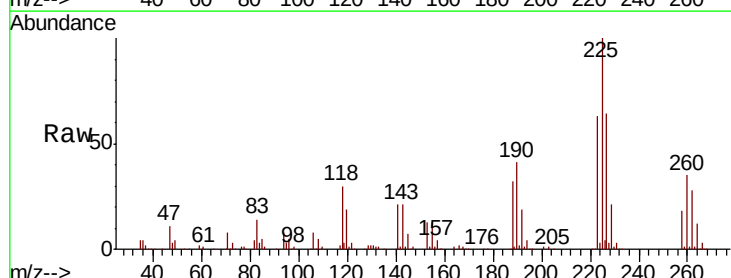
Instrument :
BNA_F
ClientSampleId :
24MSD

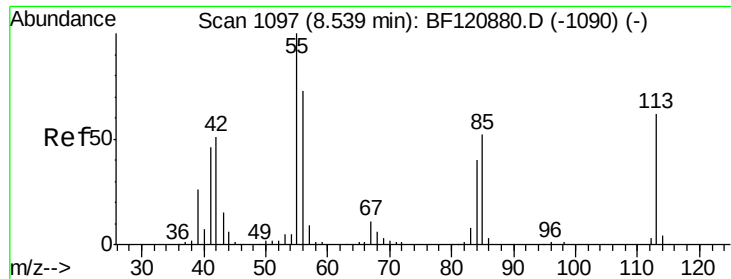
Tot Ion:	127	Resp:	683021
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	28.1	23.0	34.4
92	17.8	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.740 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:	225	Resp:	309875
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.2	52.2	78.2

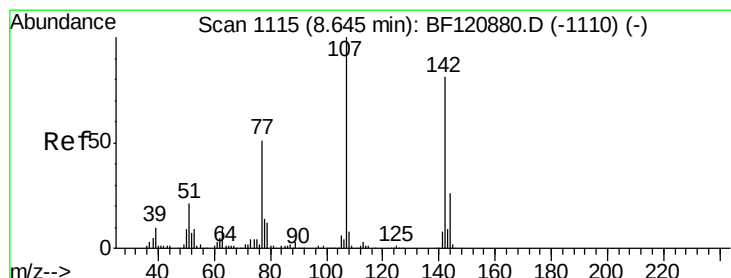
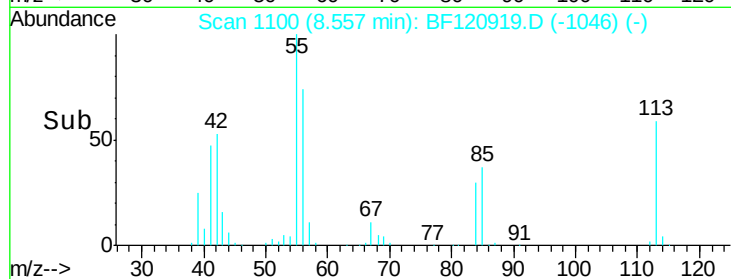
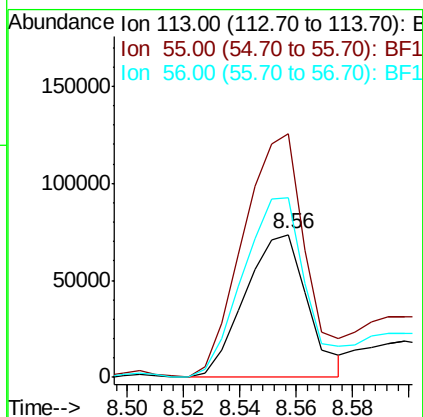
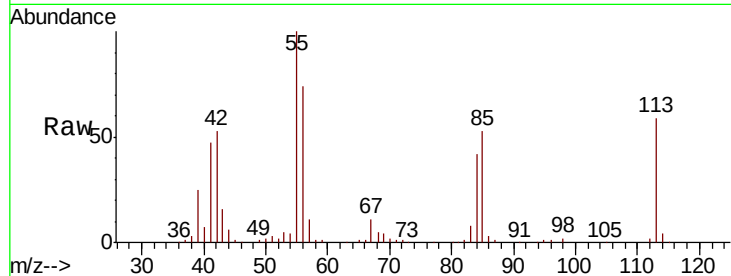




#35
Caprolactam
Concen: 30.319 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

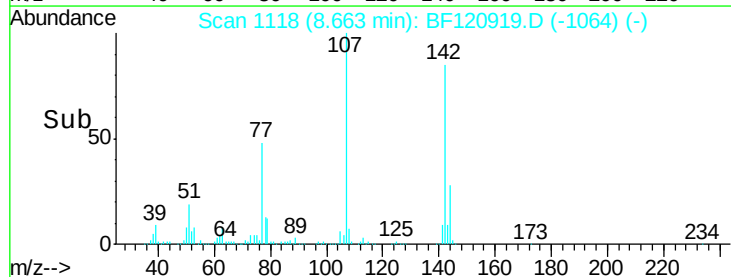
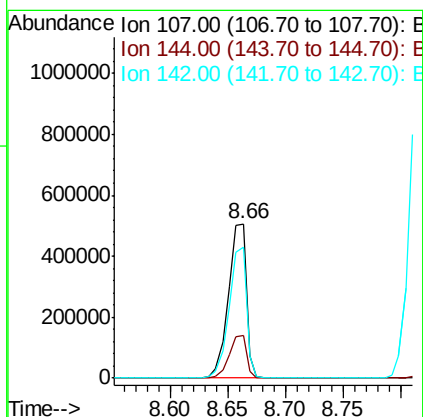
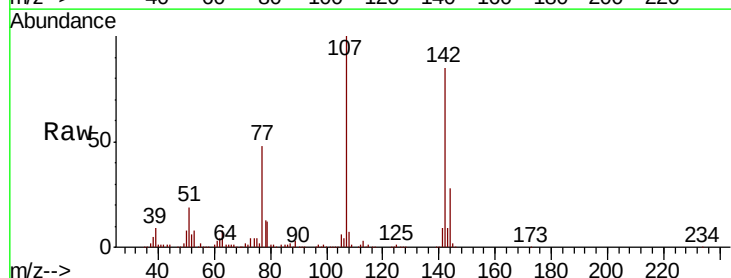
Instrument :
BNA_F
ClientSampleId :
24MSD

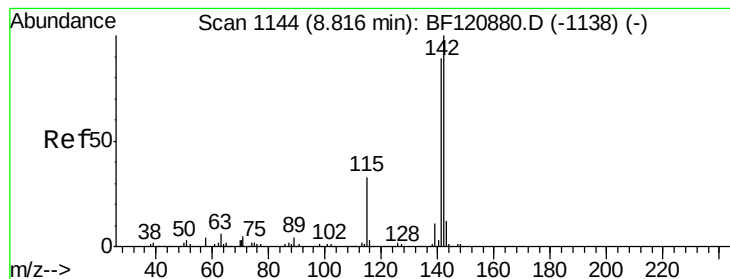
Tot Ion:113 Resp: 113072
Ion Ratio Lower Upper
113 100
55 170.1 143.3 183.3
56 125.3 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 45.842 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:107 Resp: 546779
Ion Ratio Lower Upper
107 100
144 27.7 21.0 31.6
142 85.4 65.0 97.6





#37

2-Methylnaphthalene

Concen: 43.085 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

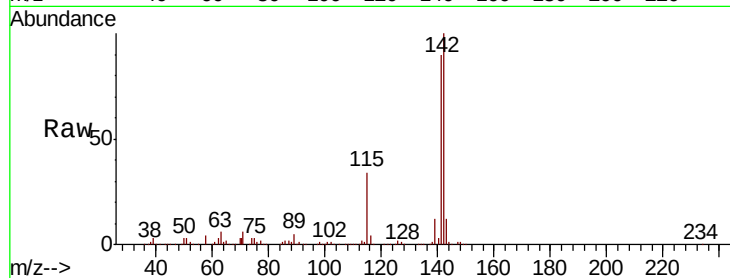
Tot Ion:142 Resp: 1137042

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.4

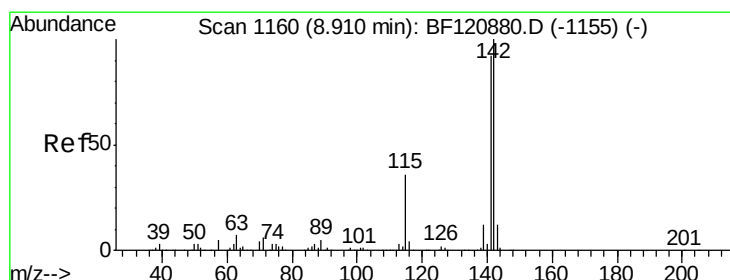
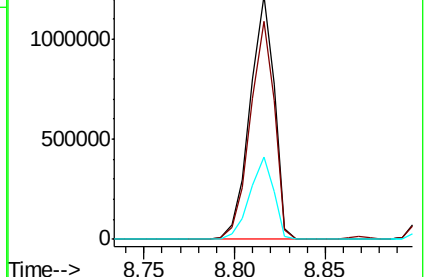
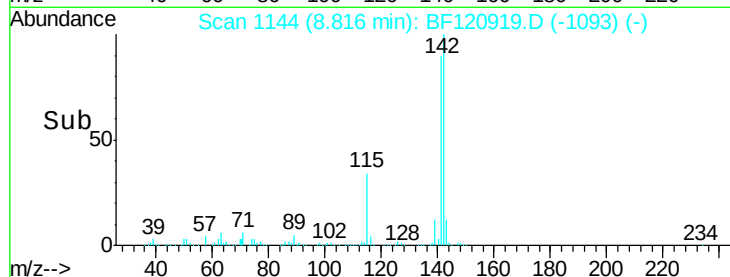
115 33.7 26.0 39.0



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: 43.395 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

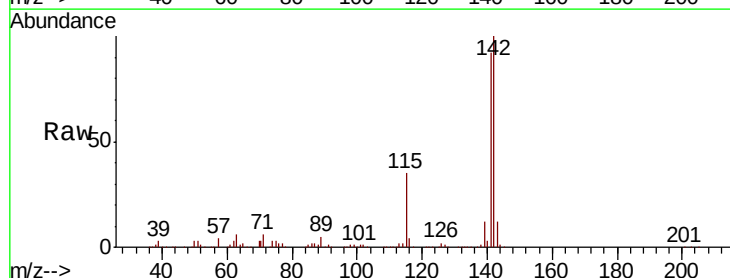
Tgt Ion:142 Resp: 1084656

Ion Ratio Lower Upper

142 100

141 91.7 73.7 110.5

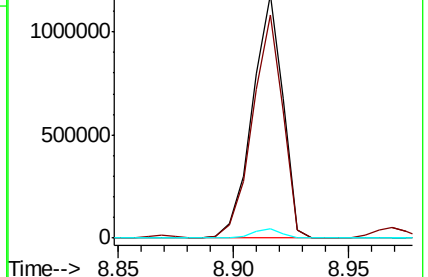
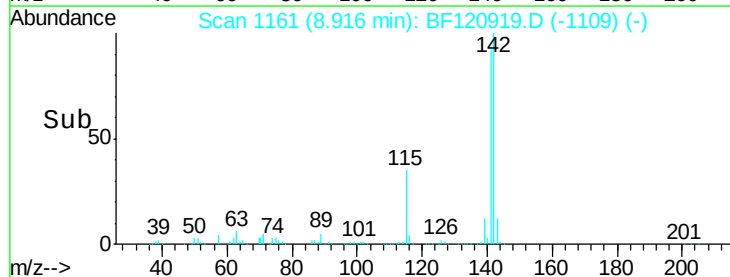
116 3.6 3.0 4.6

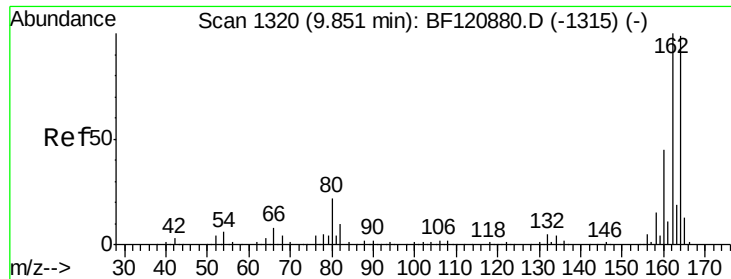


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

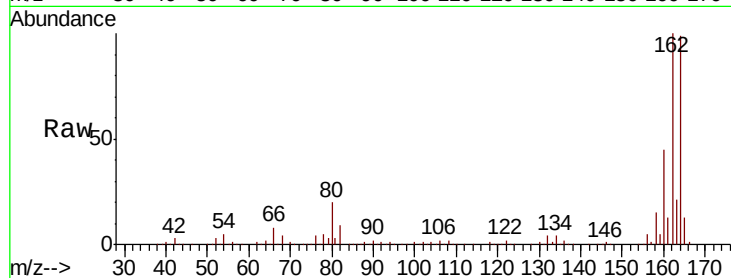
Tot Ion:164 Resp: 398576

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 45.6 36.9 55.3

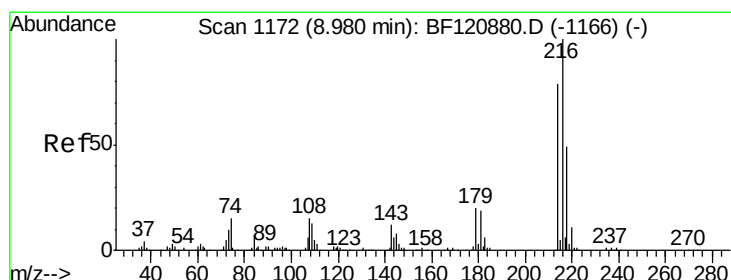
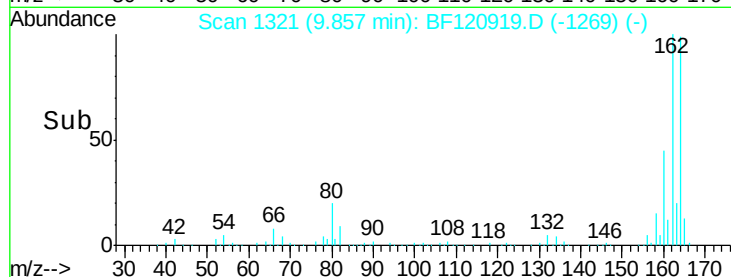
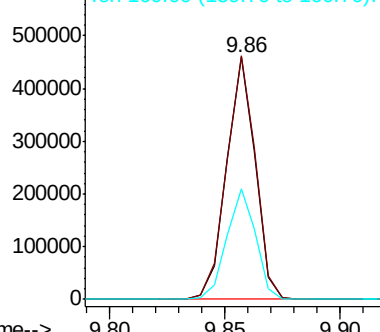


Abundance

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: 44.026 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Tgt Ion:216 Resp: 511262

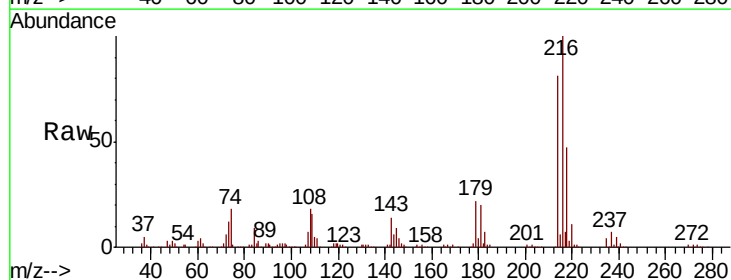
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.7 16.6 24.8

108 19.3 15.4 23.0



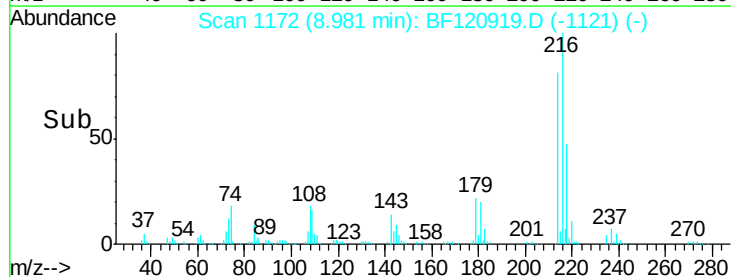
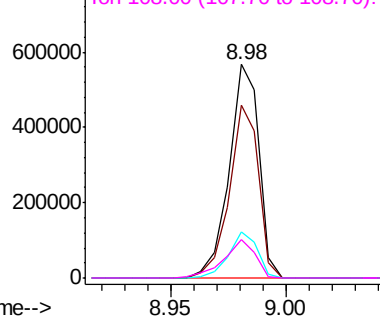
Abundance

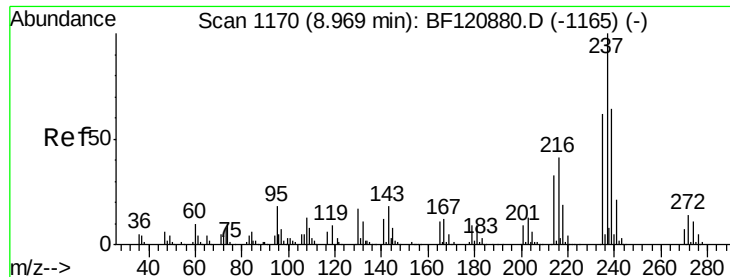
Ion 216.00 (215.70 to 216.70): E

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

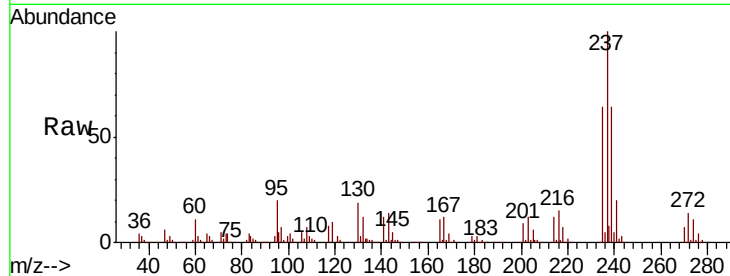




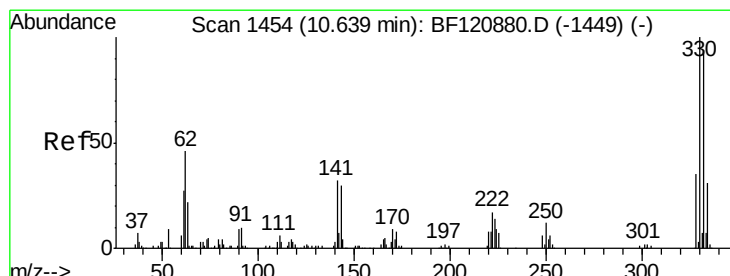
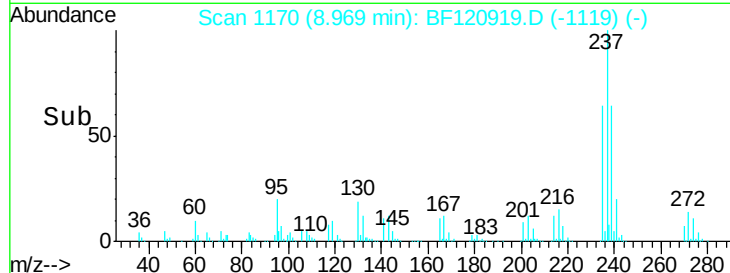
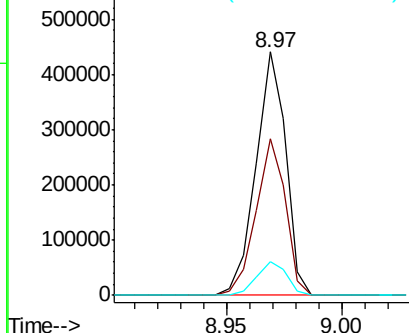
#41
Hexachlorocyclopentadiene
Concen: 62.280 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:237 Resp: 399722
Ion Ratio Lower Upper
237 100
235 64.3 41.6 81.6
272 13.7 0.0 33.7

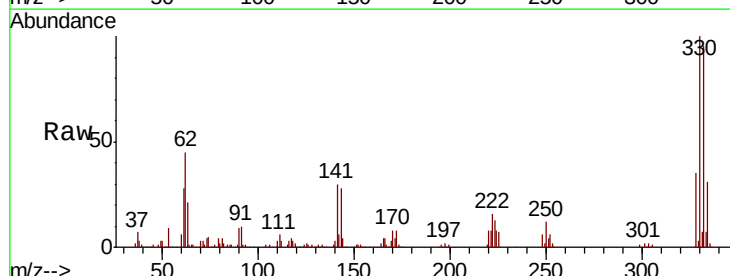


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

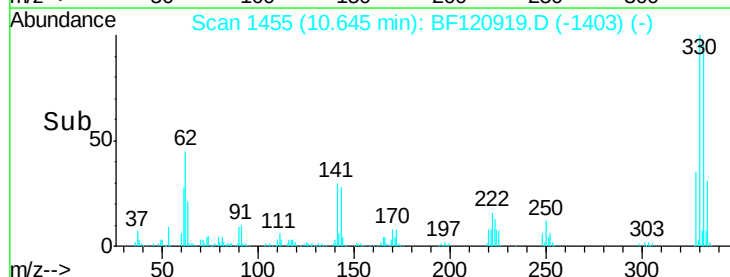
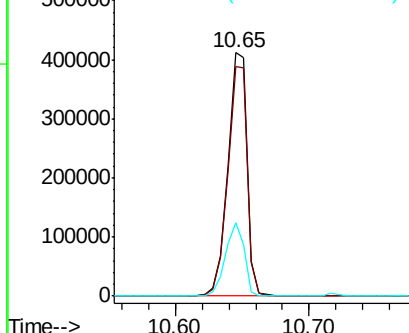


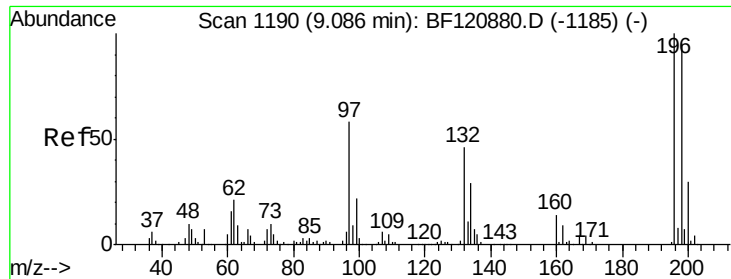
#42
2,4,6-Tribromophenol
Concen: 96.355 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:330 Resp: 420378
Ion Ratio Lower Upper
330 100
332 95.4 75.5 113.3
141 29.7 25.7 38.5



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

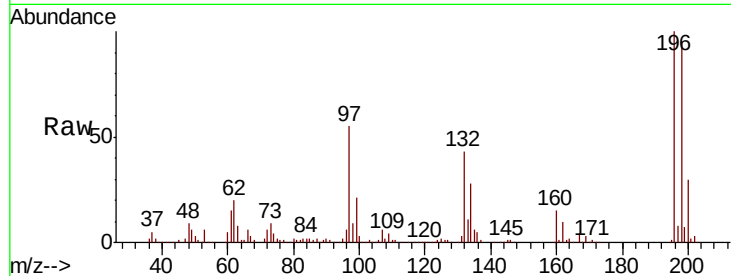




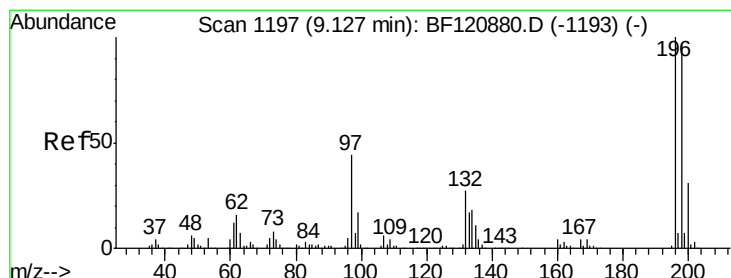
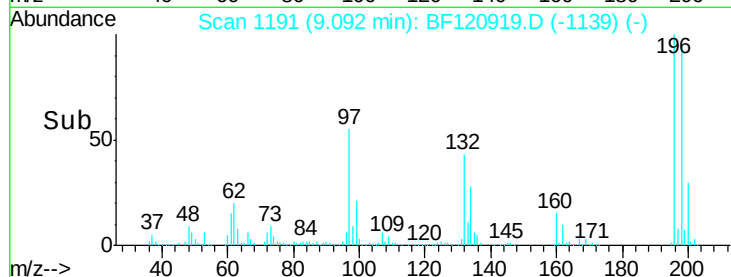
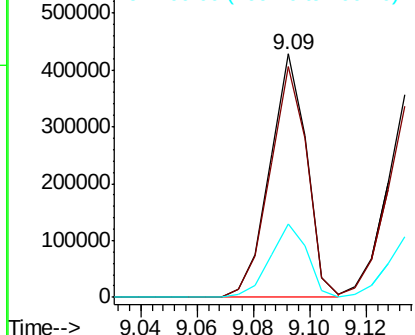
#43
 2,4,6-Trichlorophenol
 Concen: 47.266 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampled :
 24MSD

Tot Ion:196 Resp: 386470
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.1 24.4 36.6

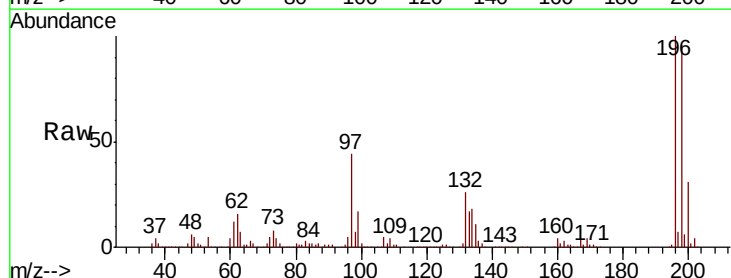


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

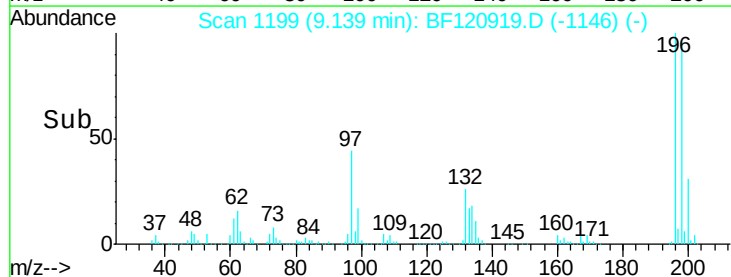
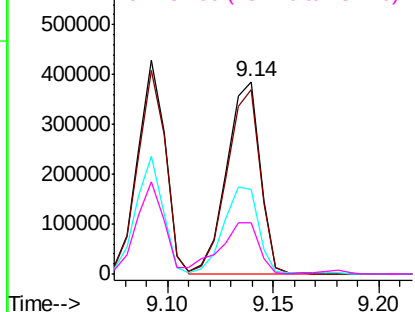


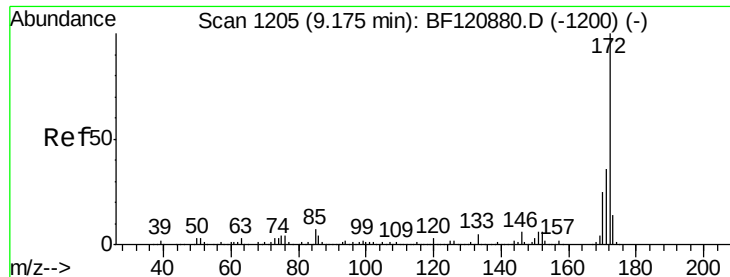
#44
 2,4,5-Trichlorophenol
 Concen: 45.324 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:196 Resp: 420371
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.6 116.4
 97 44.0 35.6 53.4
 132 26.5 21.5 32.3



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



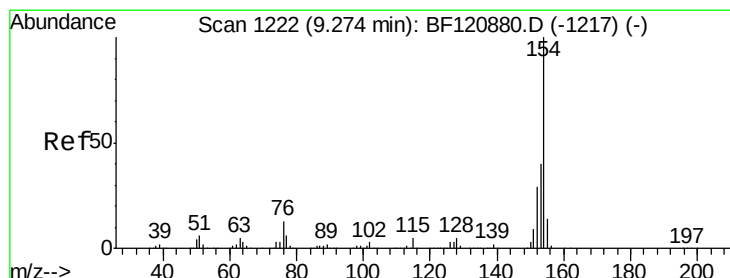
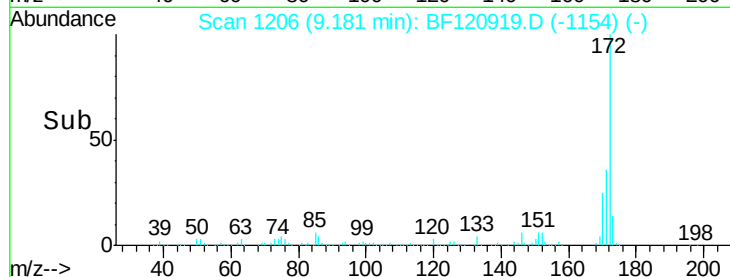
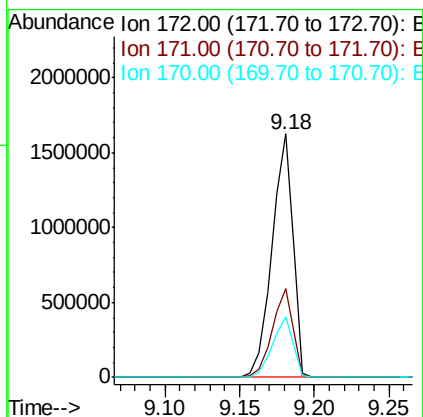
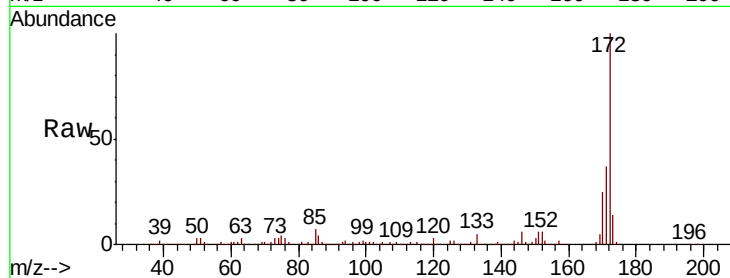


#45
 2-Fluorobiphenyl
 Concen: 58.866 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion:172 Resp: 1571460

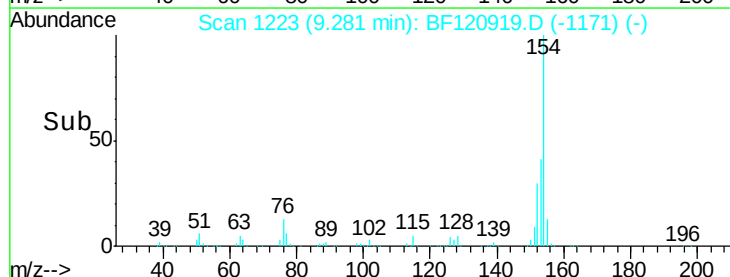
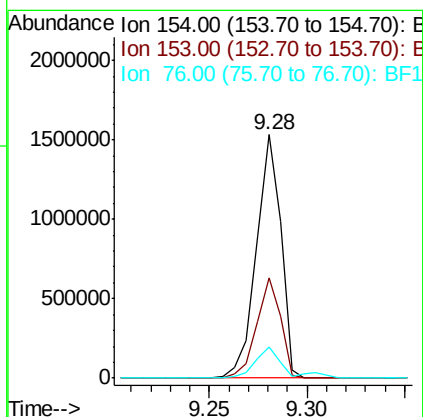
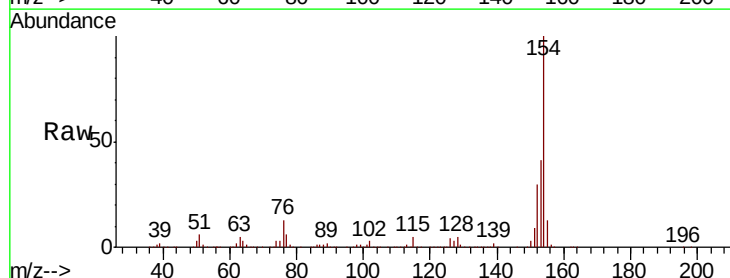
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.0	19.6	29.4

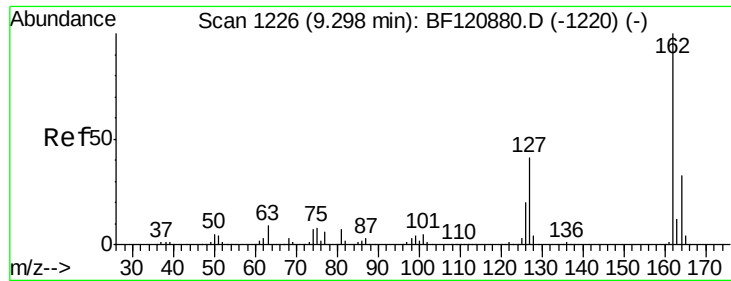


#46
 1,1'-Biphenyl
 Concen: 43.779 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:154 Resp: 1331018

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.8	0.0	33.1

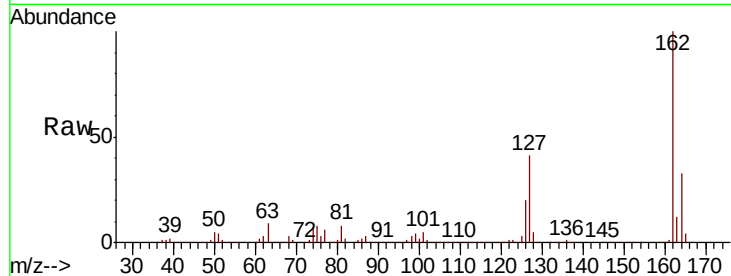




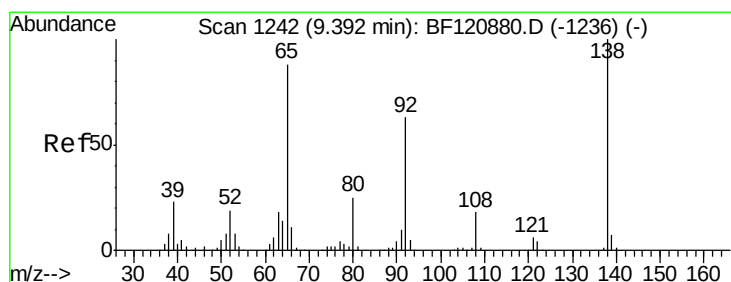
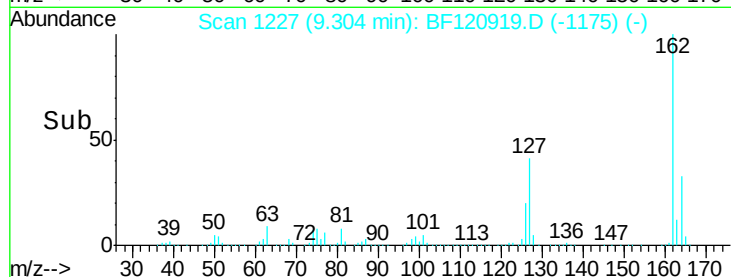
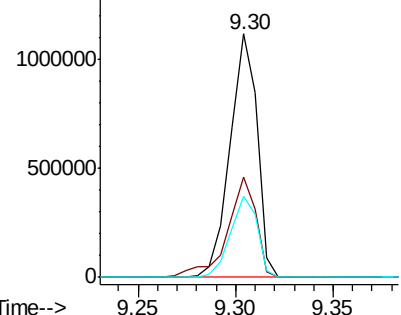
#47
 2-Chloronaphthalene
 Concen: 43.339 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampled :
 24MSD

Tot Ion:162 Resp: 1074295
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.3 49.9
 164 33.3 26.6 39.8

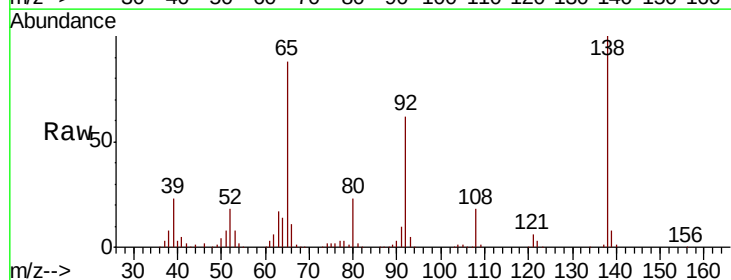


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

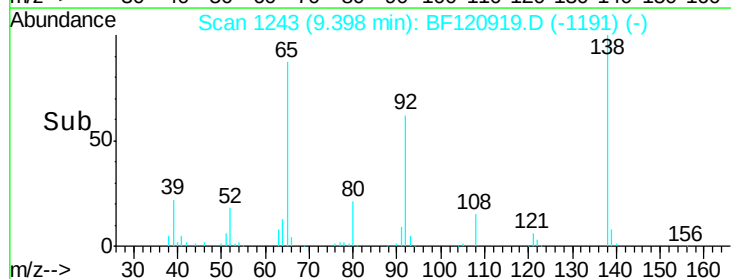
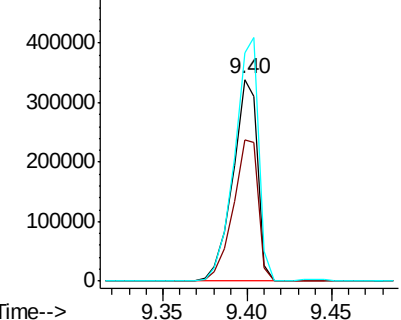


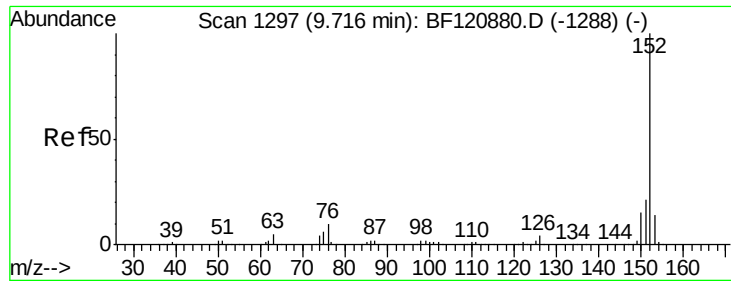
#48
 2-Nitroaniline
 Concen: 46.576 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion: 65 Resp: 348906
 Ion Ratio Lower Upper
 65 100
 92 69.9 57.0 85.4
 138 113.3 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.295 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

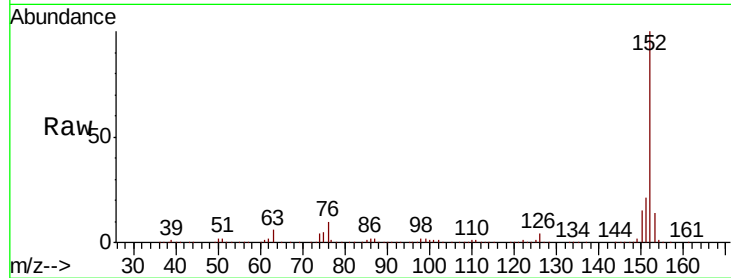
Tot Ion:152 Resp: 1667247

Ion Ratio Lower Upper

152 100

151 21.4 16.6 25.0

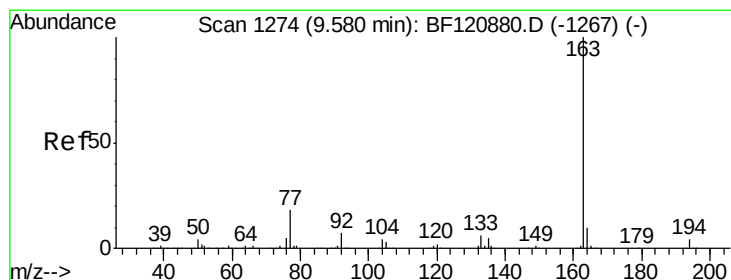
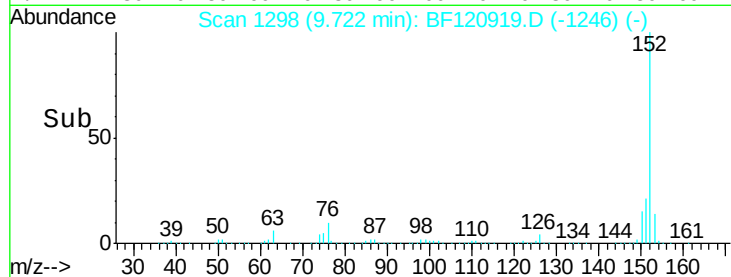
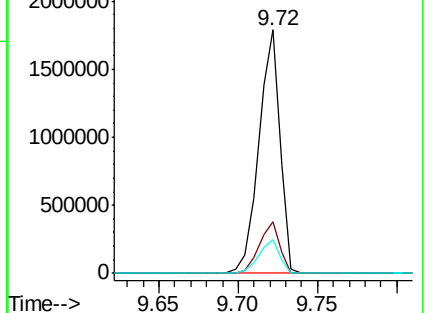
153 13.7 10.9 16.3



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: 53.808 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

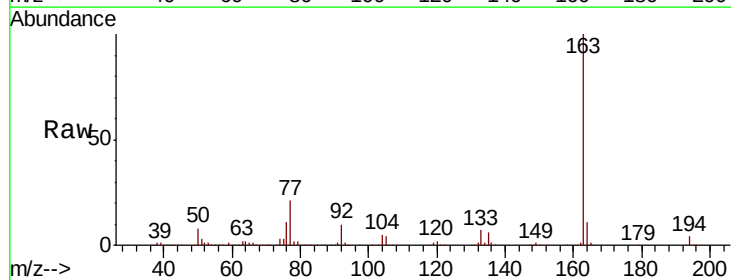
Tgt Ion:163 Resp: 1547242

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

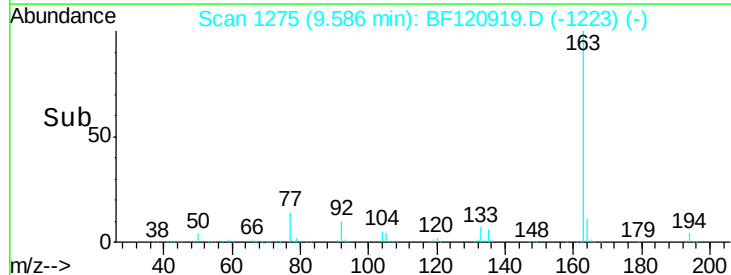
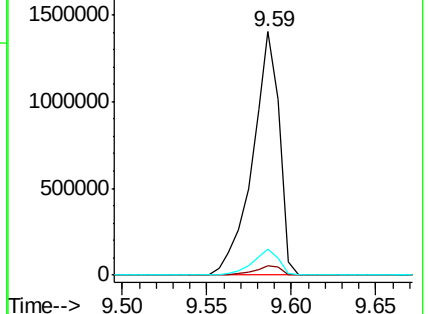
164 10.7 7.9 11.9

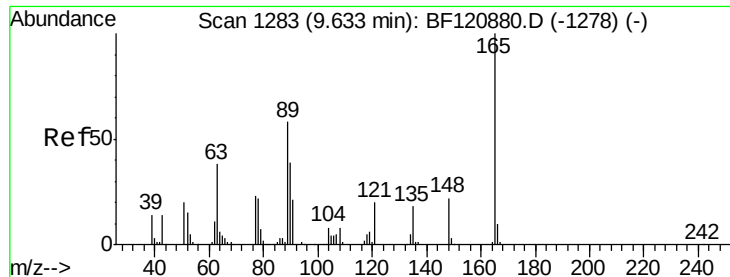


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

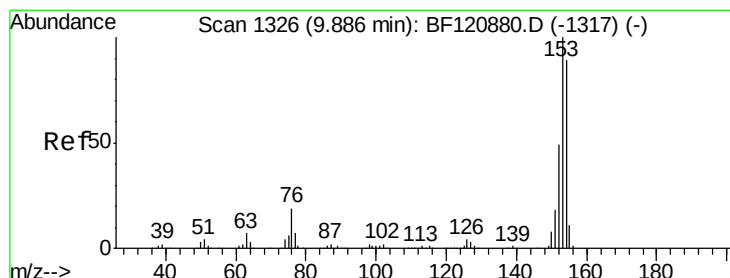
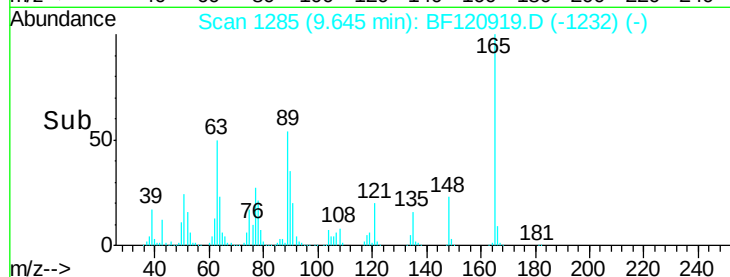
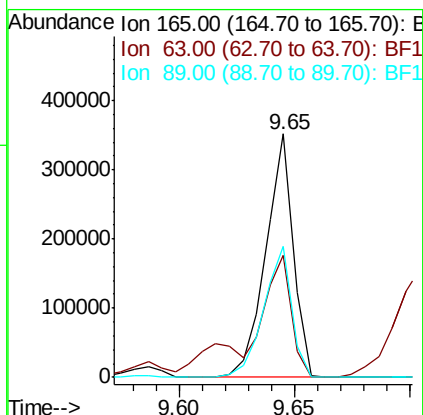
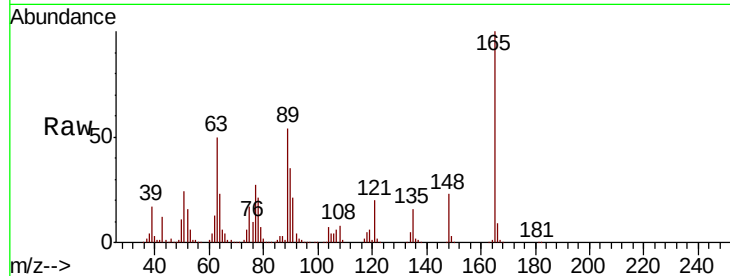




#51
 2,6-Dinitrotoluene
 Concen: 47.444 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

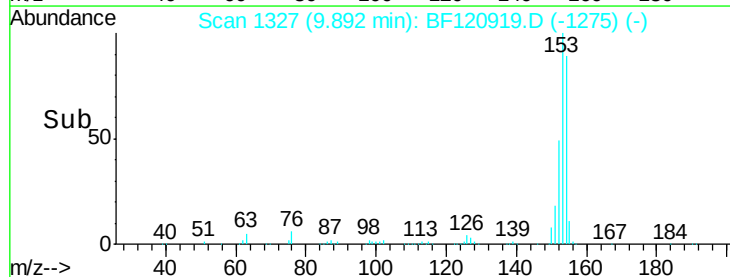
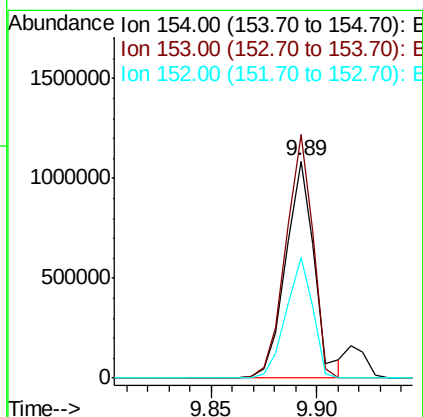
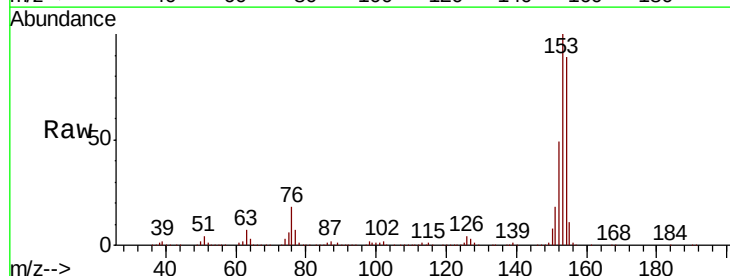
Instrument :
 BNA_F
 ClientSampleId :
 24MSD

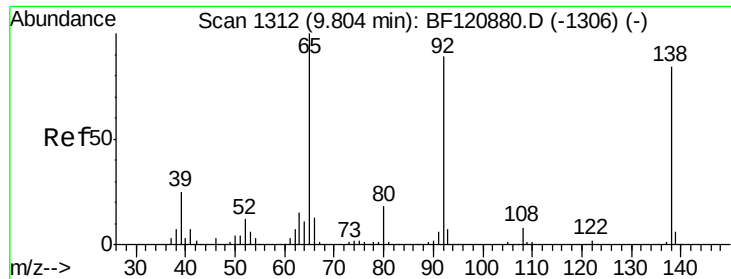
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	45.4	68.2
89	53.9	47.0	70.4



#52
 Acenaphthene
 Concen: 41.772 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	55.3	44.2	66.2

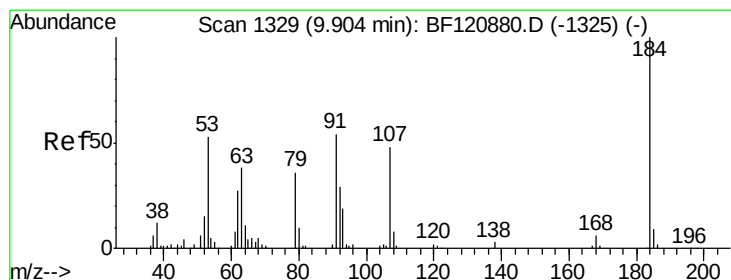
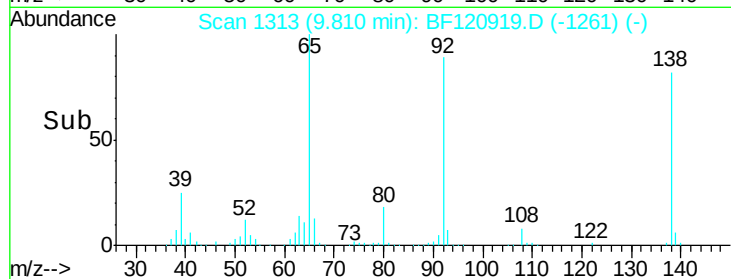
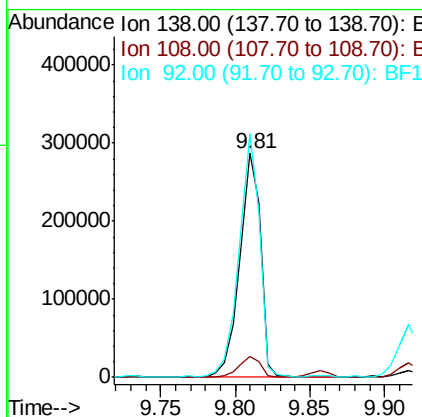
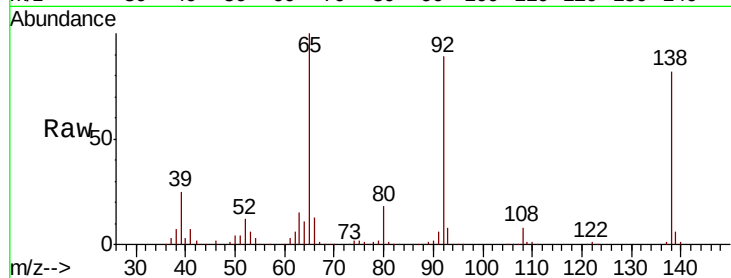




#53
3-Nitroaniline
Concen: 36.164 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

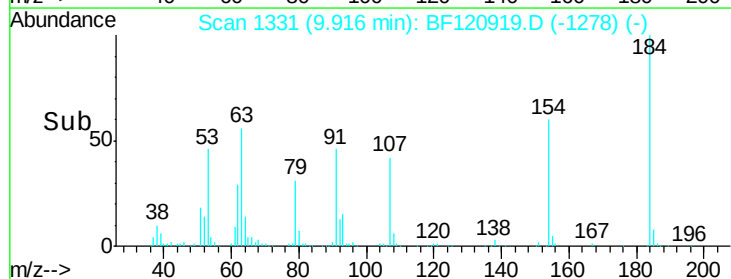
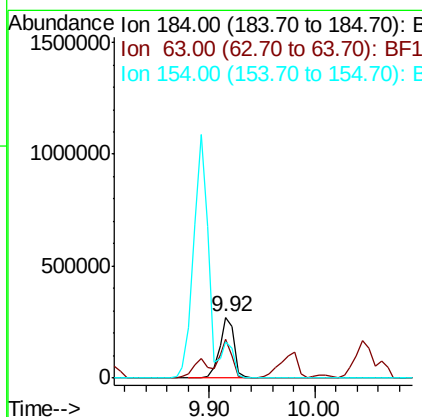
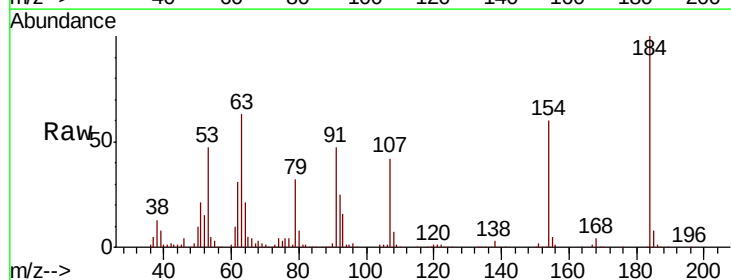
Instrument :
BNA_F
ClientSampleId :
24MSD

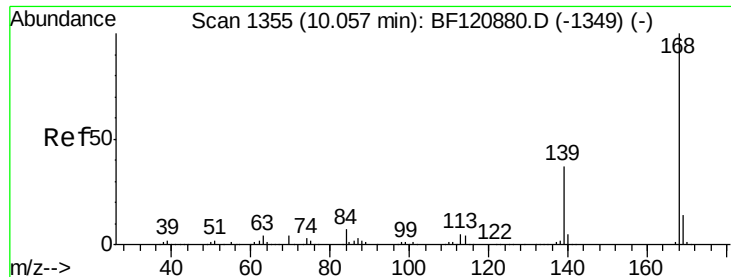
Tot Ion:138 Resp: 280200
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 108.6 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 75.243 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:184 Resp: 265977
Ion Ratio Lower Upper
184 100
63 62.7 57.9 86.9
154 60.2 52.6 78.8

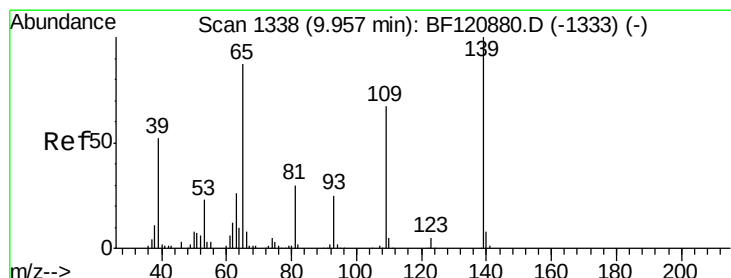
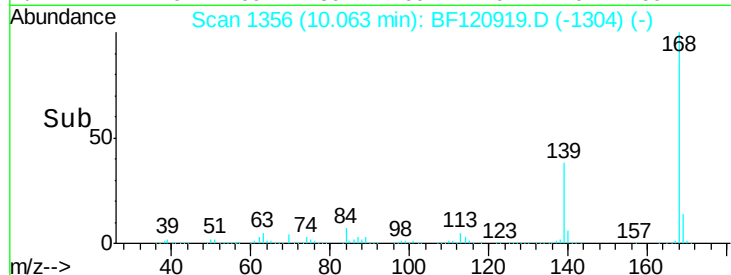
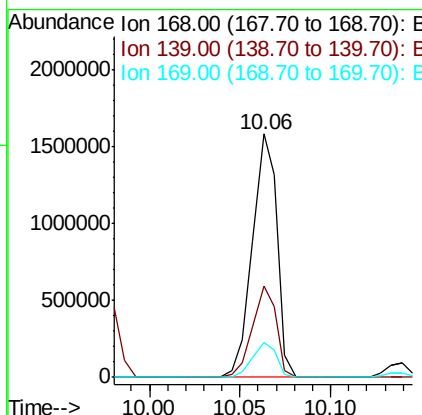
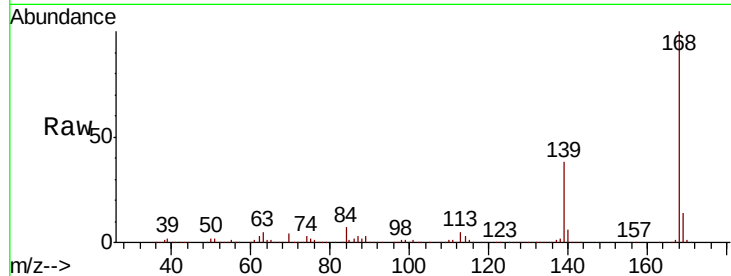




#55
Dibenzofuran
Concen: 42.169 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

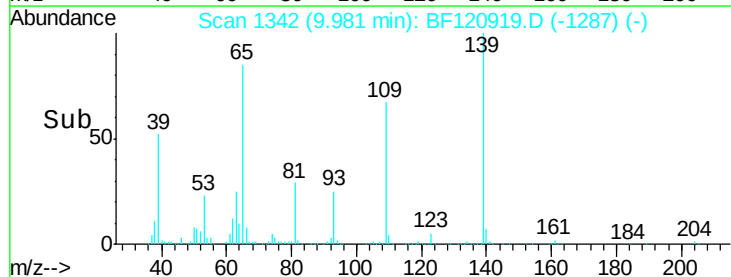
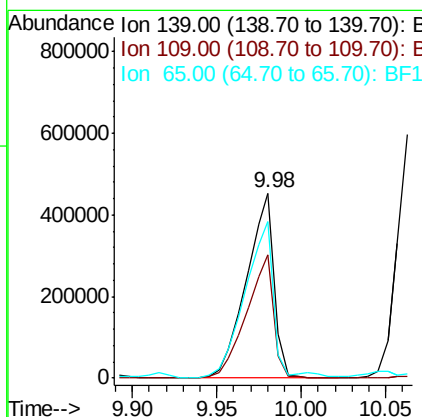
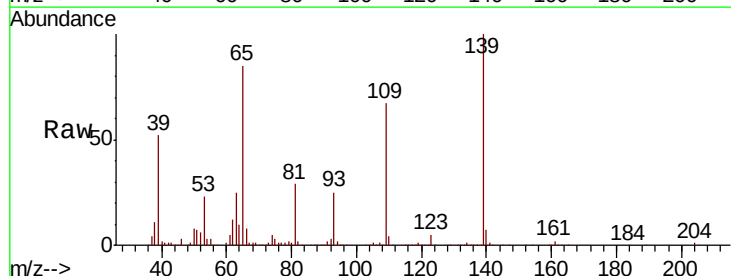
Instrument :
BNA_F
ClientSampleId :
24MSD

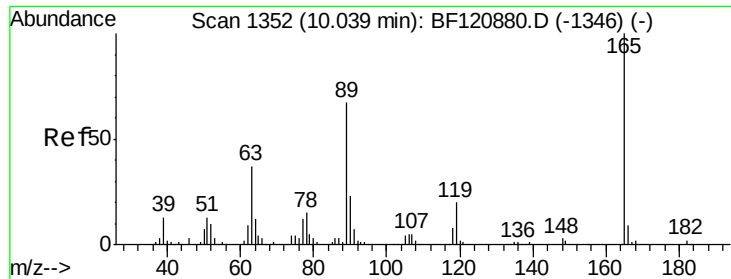
Tot Ion:168 Resp: 1492957
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 14.3 11.1 16.7



#56
4-Nitrophenol
Concen: 88.583 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:139 Resp: 521360
Ion Ratio Lower Upper
139 100
109 66.5 47.3 87.3
65 85.0 67.2 107.2

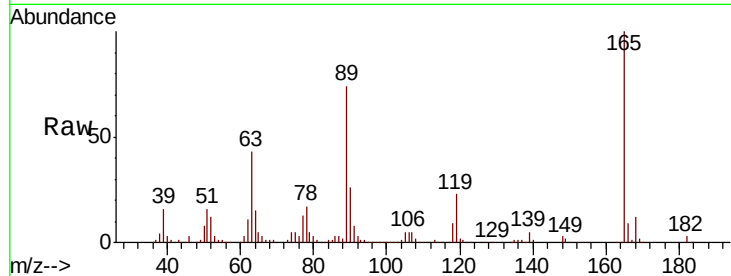




#57
2,4-Dinitrotoluene
Concen: 48.093 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	29.4	44.2
89	73.8	53.4	80.0
182	2.5	1.8	2.6



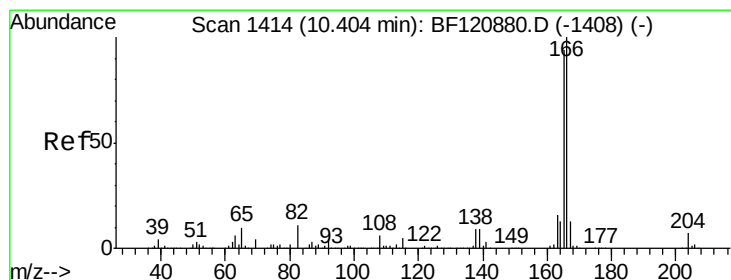
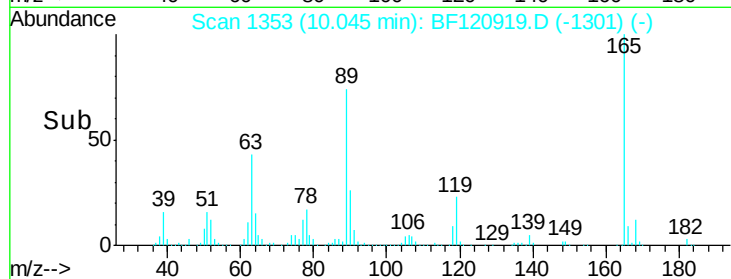
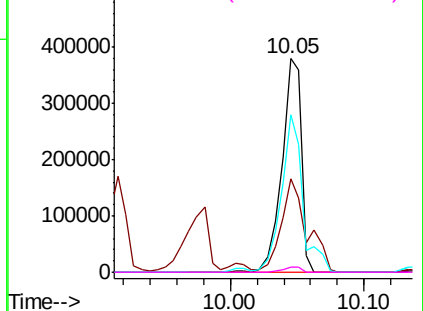
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

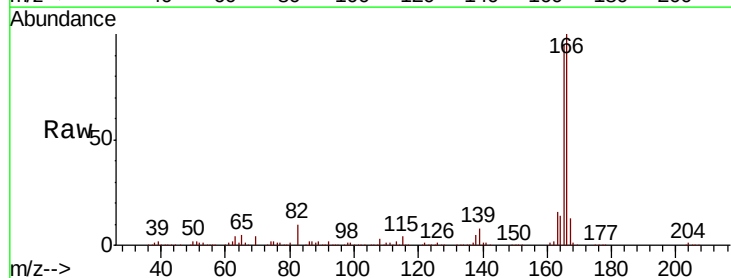
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.157 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.4	113.0
167	13.4	10.6	15.8

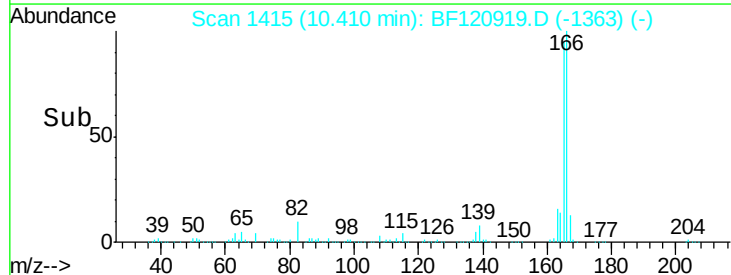
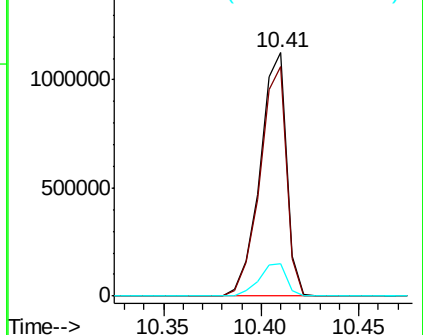


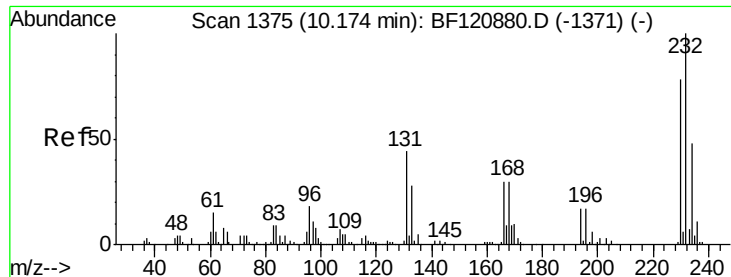
Abundance

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

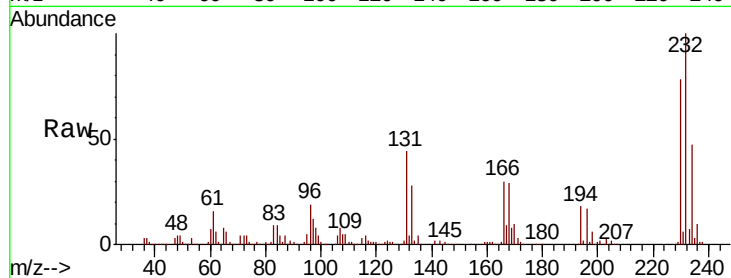




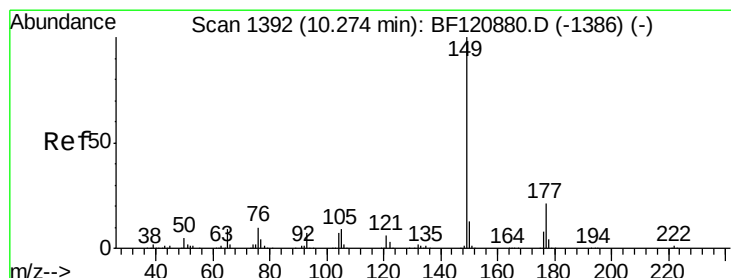
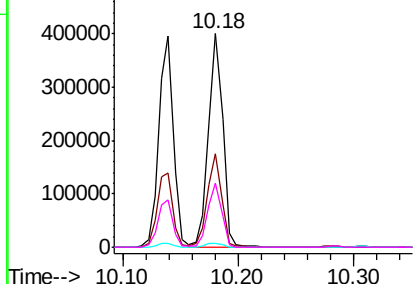
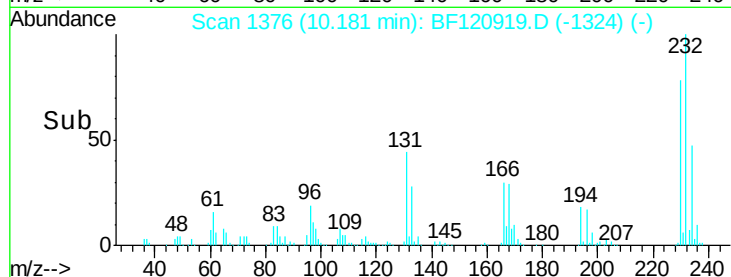
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.172 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion:232 Resp: 347236
 Ion Ratio Lower Upper
 232 100
 131 43.5 37.1 55.7
 130 2.1 1.7 2.5
 166 29.8 24.2 36.4

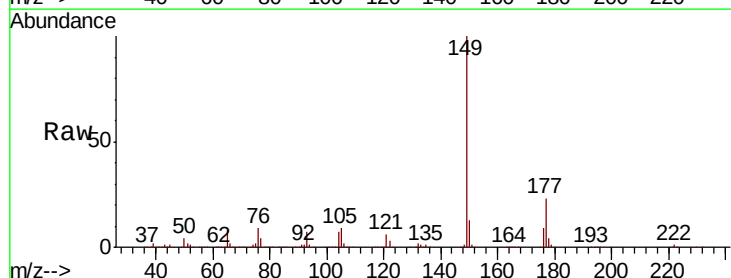


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

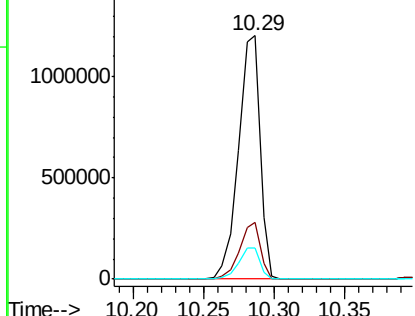
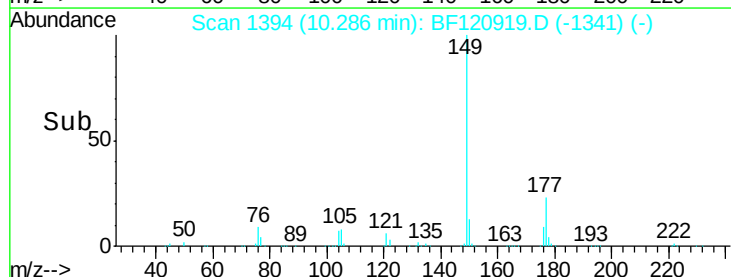


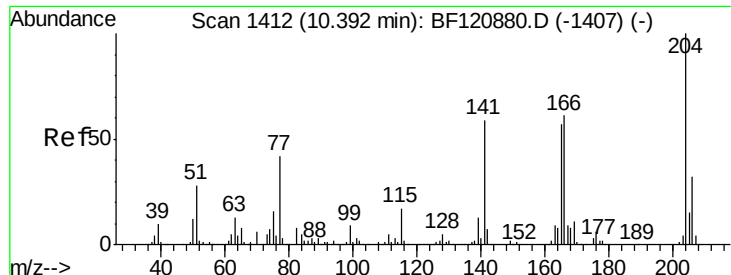
#60
 Diethylphthalate
 Concen: 44.136 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:149 Resp: 1283673
 Ion Ratio Lower Upper
 149 100
 177 23.1 17.1 25.7
 150 12.7 10.3 15.5



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

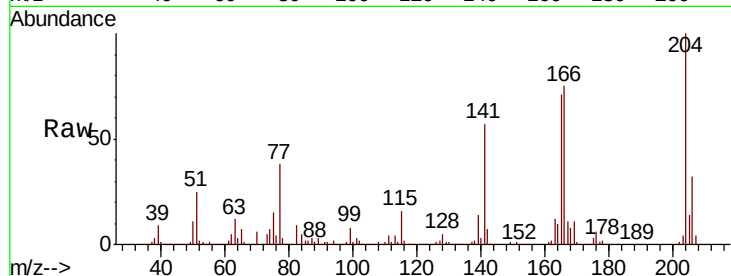




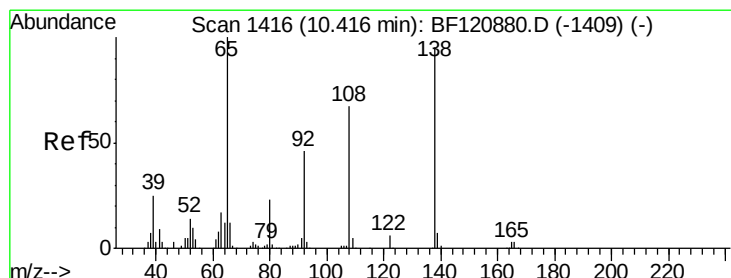
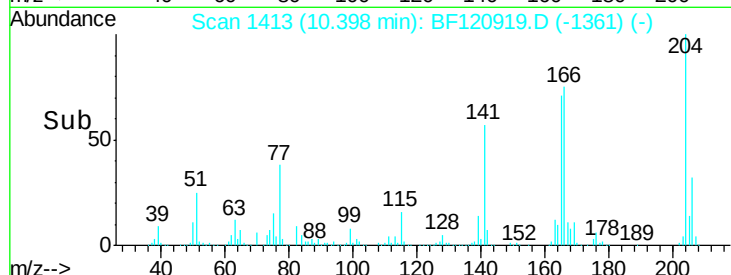
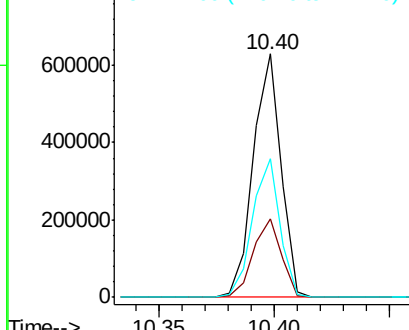
#61
4-Chlorophenyl-phenylether
Concen: 37.629 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:204 Resp: 529963
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 56.9 47.2 70.8

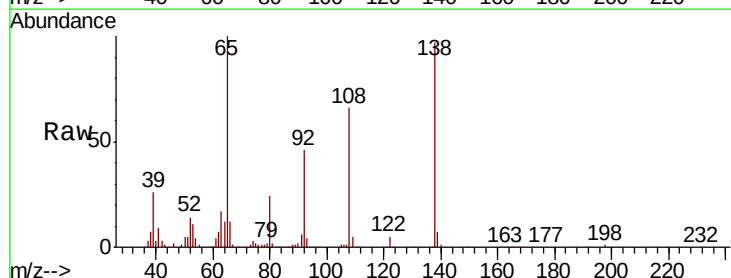


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

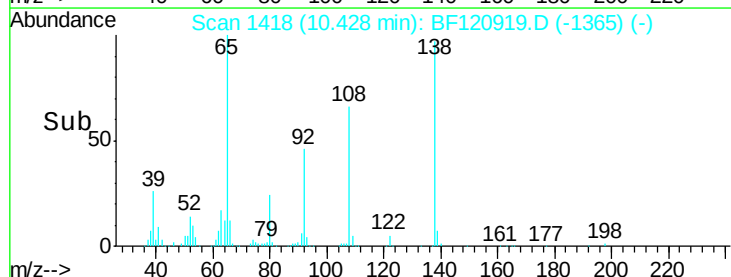
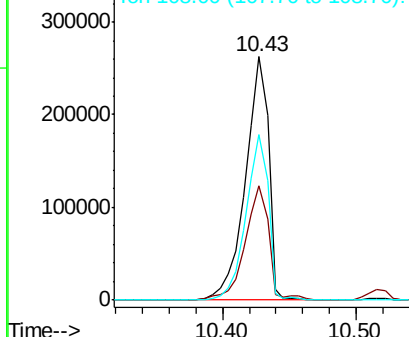


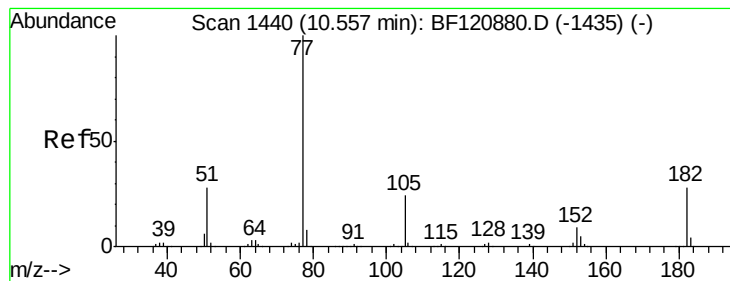
#62
4-Nitroaniline
Concen: 41.242 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:138 Resp: 311263
Ion Ratio Lower Upper
138 100
92 47.0 28.6 68.6
108 68.1 51.1 91.1



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: 43.301 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion: 77 Resp: 1198962

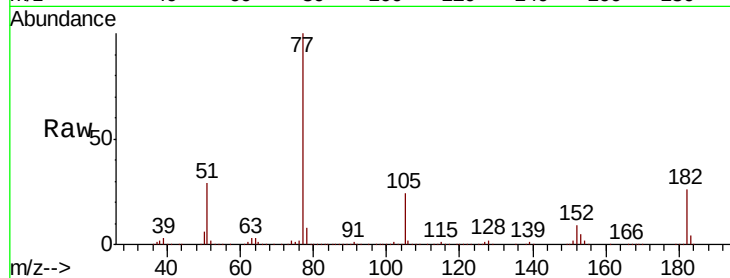
Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.8	47.8
105	23.8	4.4	44.4
51	29.1	8.0	48.0

77 100

182 26.0 7.8 47.8

105 23.8 4.4 44.4

51 29.1 8.0 48.0

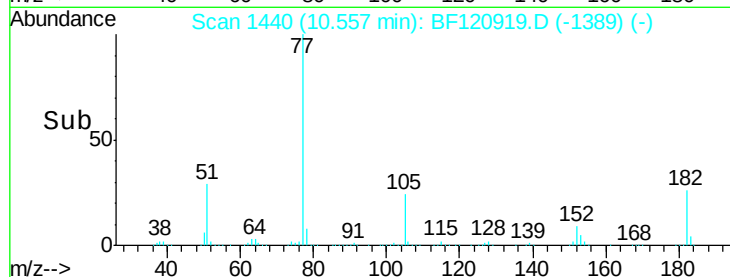


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



Time--> 10.50 10.55 10.60

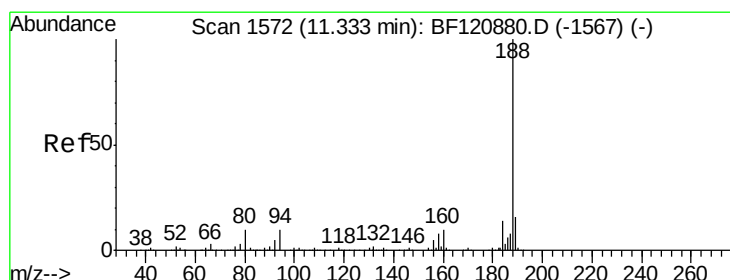
10.56

1500000

1000000

500000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

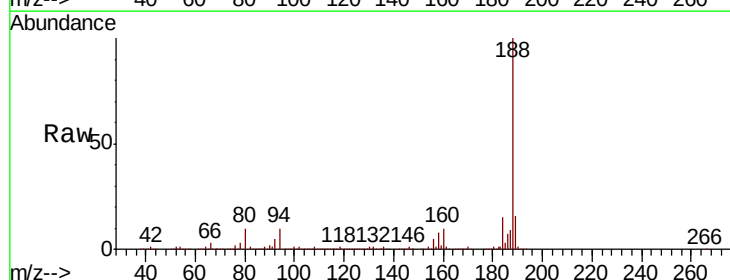
Tgt Ion: 188 Resp: 722895

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.3	8.3	12.5

188 100

94 9.7 8.0 12.0

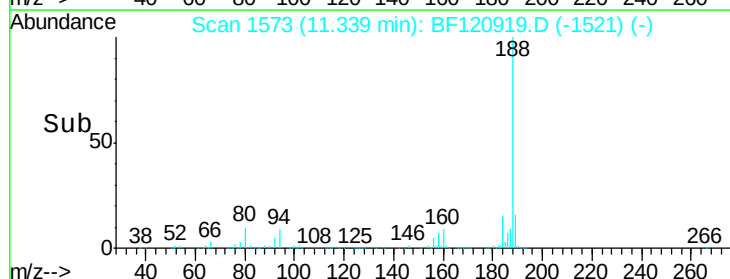
80 10.3 8.3 12.5



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



Time--> 11.30 11.35

11.34

1000000

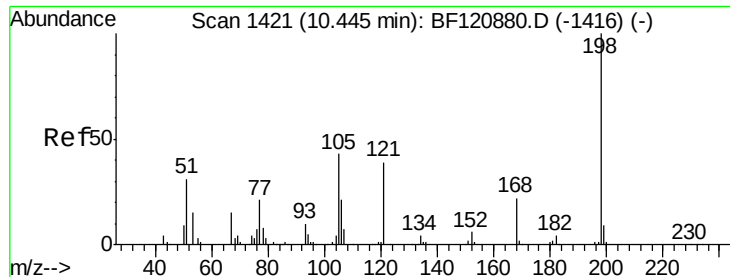
800000

600000

400000

200000

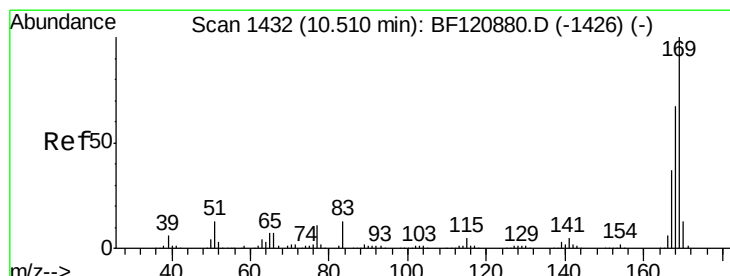
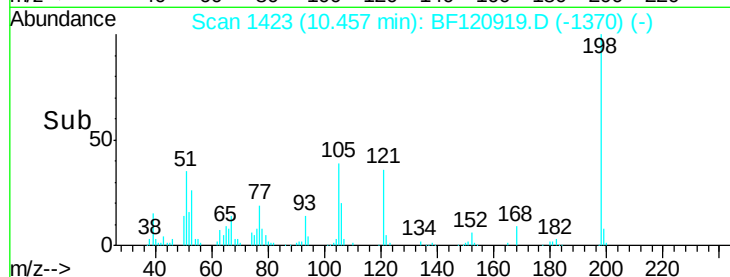
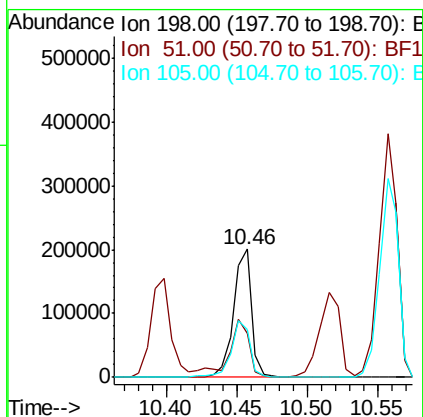
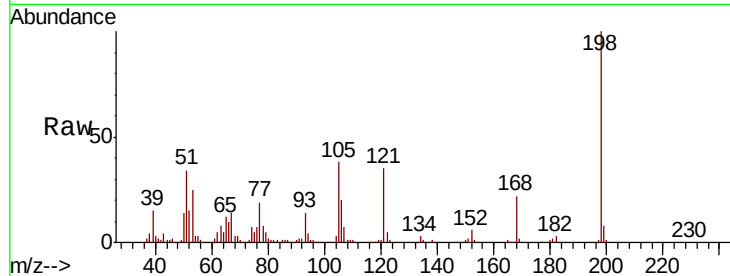
0



#65
4,6-Dinitro-2-methylphenol
Concen: 43.308 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

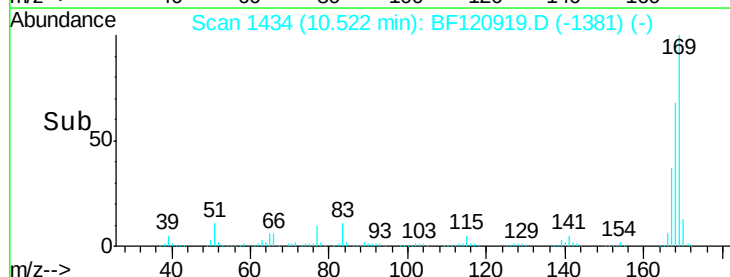
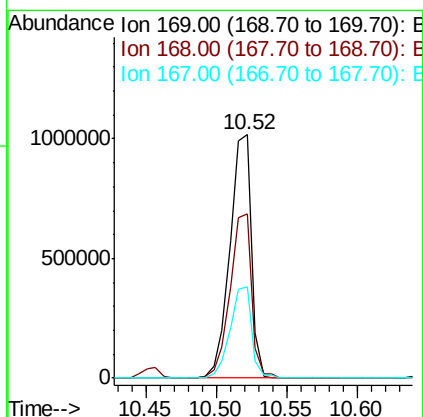
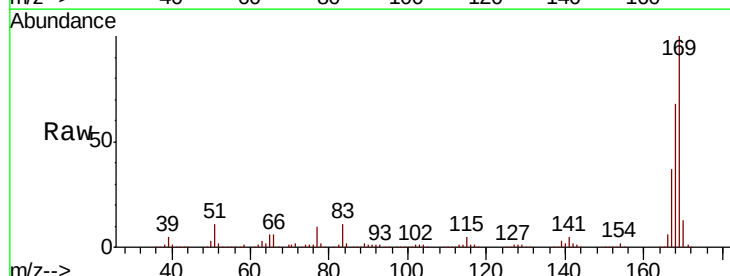
Instrument :
BNA_F
ClientSampled :
24MSD

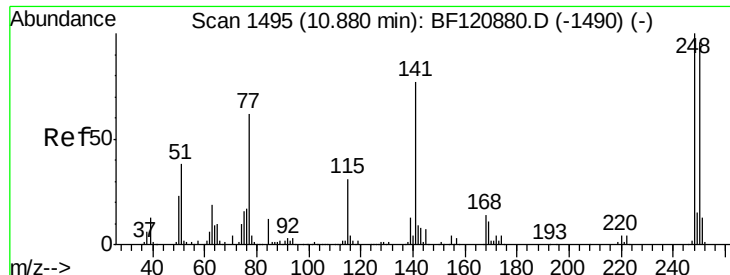
Tot Ion:198 Resp: 179484
Ion Ratio Lower Upper
198 100
51 34.3 19.5 59.5
105 37.6 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.280 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:169 Resp: 1075182
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.3 29.4 44.0

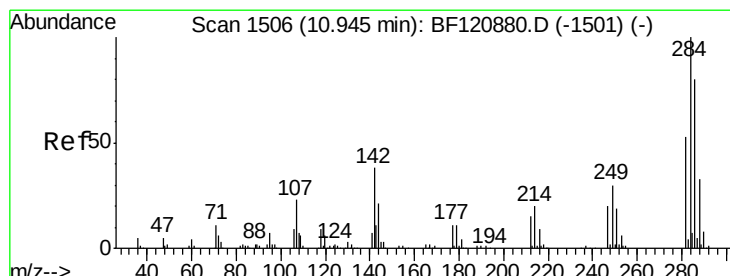
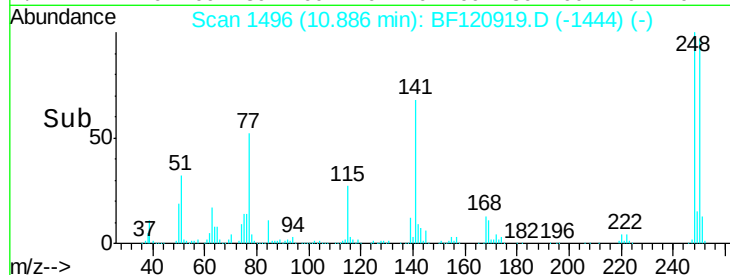
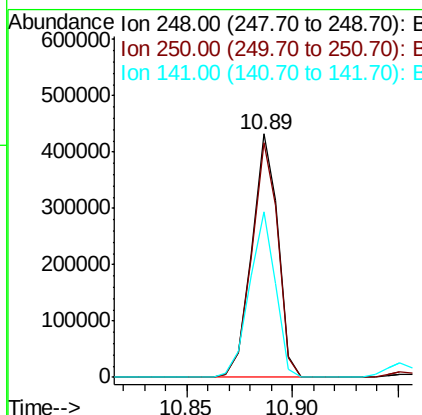
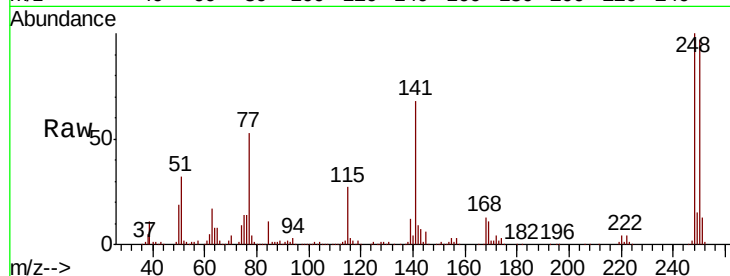




#67
 4-Bromophenyl-phenylether
 Concen: 46.178 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

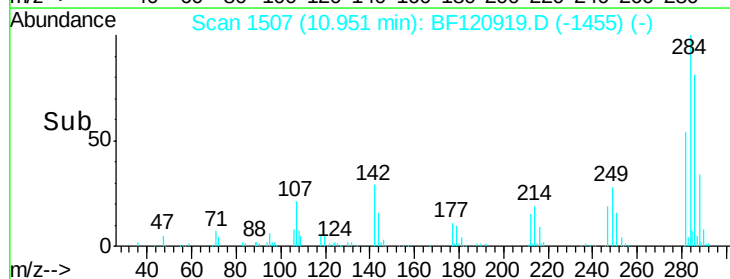
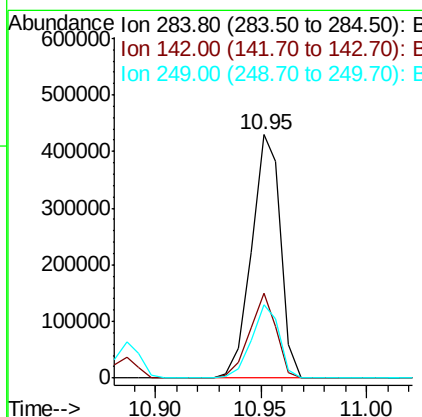
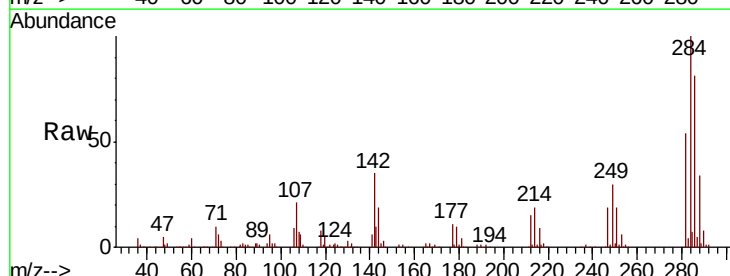
Instrument :
 BNA_F
 ClientSampled :
 24MSD

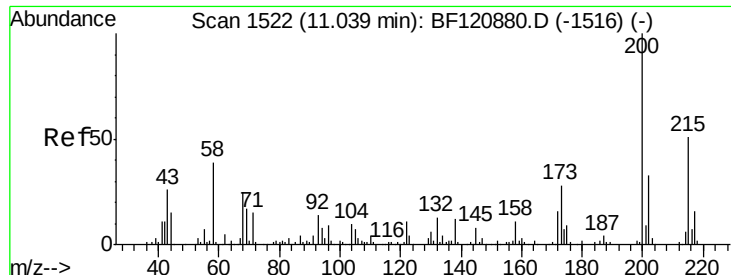
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	68.2	61.2	91.8



#68
 Hexachlorobenzene
 Concen: 46.768 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	30.2	45.2
249	29.9	24.2	36.2

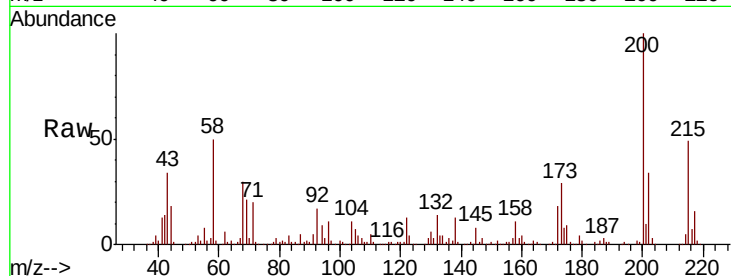




#69
 Atrazine
 Concen: 53.590 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.0	48.0
215	49.2	31.5	71.5

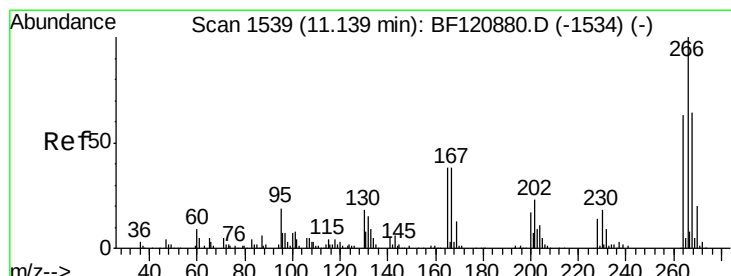
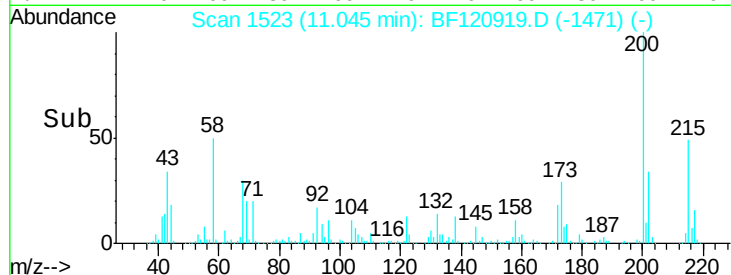
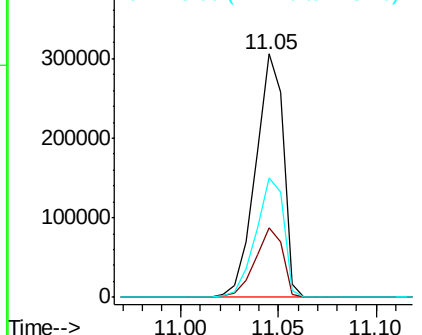


Abundance

Ion 200.00 (199.70 to 200.70): E

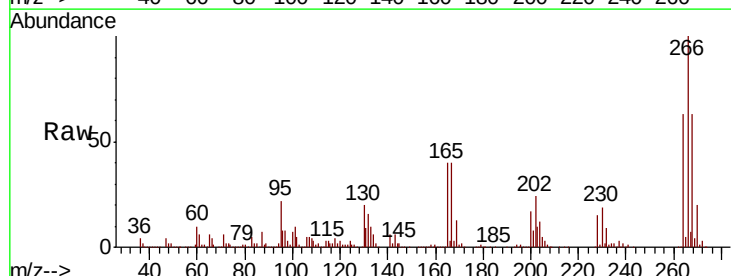
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 92.859 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.4	50.2	75.2

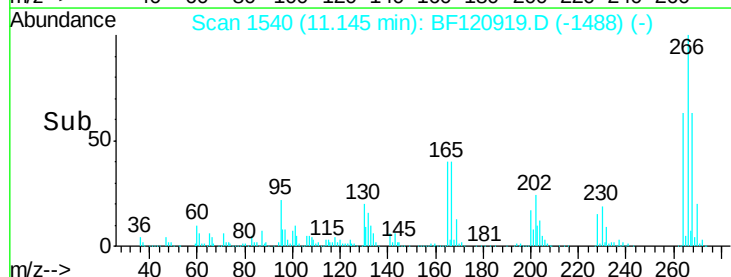
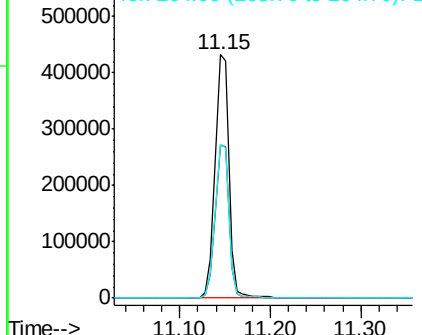


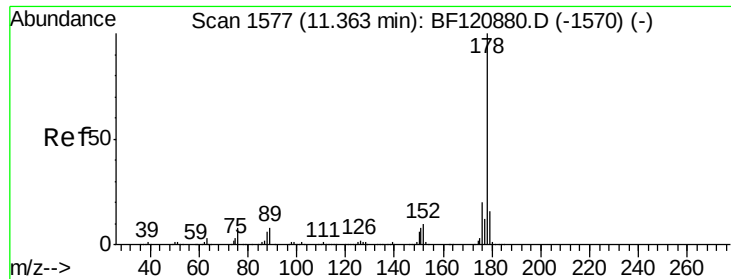
Abundance

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

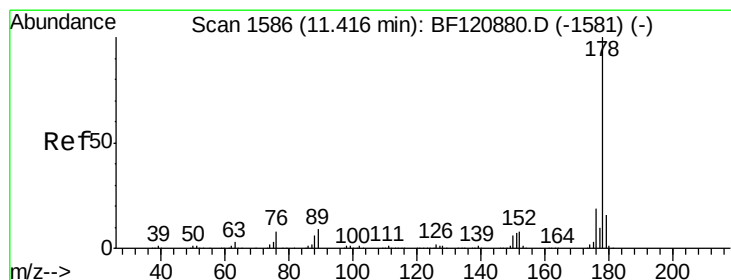
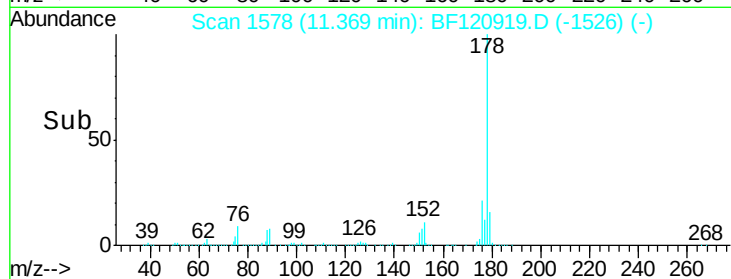
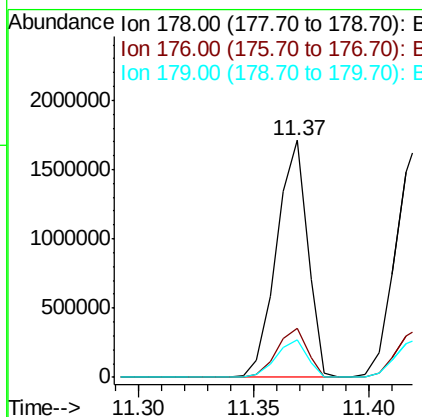
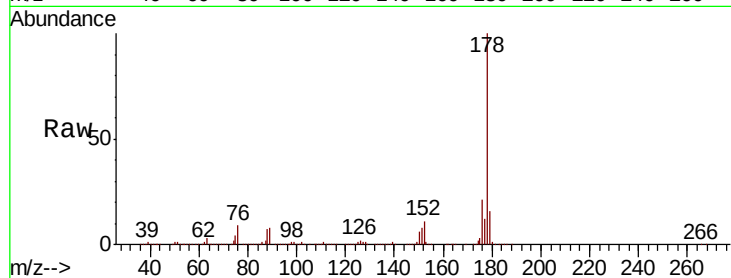




#71
Phenanthrene
Concen: 42.821 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

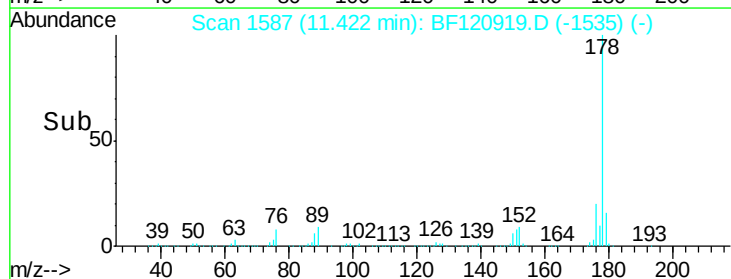
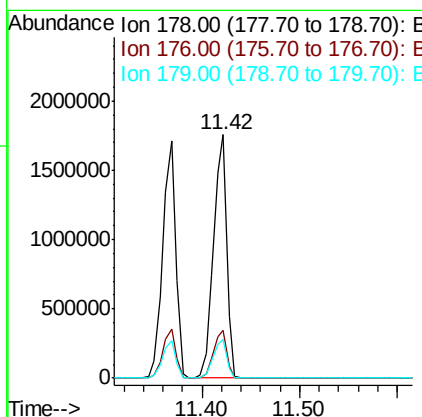
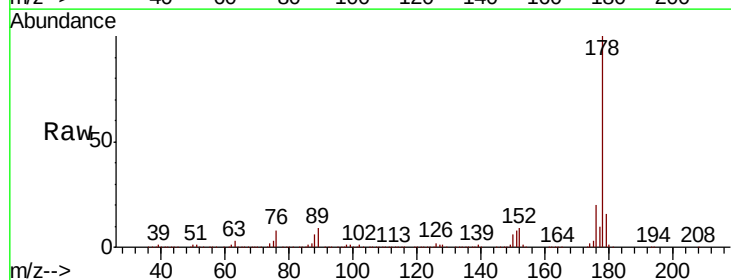
Instrument :
BNA_F
ClientSampleId :
24MSD

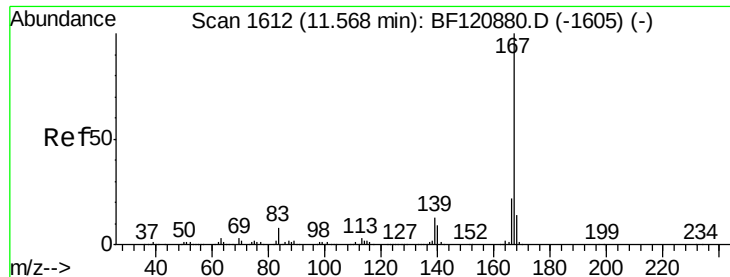
Tot Ion:178 Resp: 1592043
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.0 12.8 19.2



#72
Anthracene
Concen: 44.159 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:178 Resp: 1648591
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 12.8 19.2

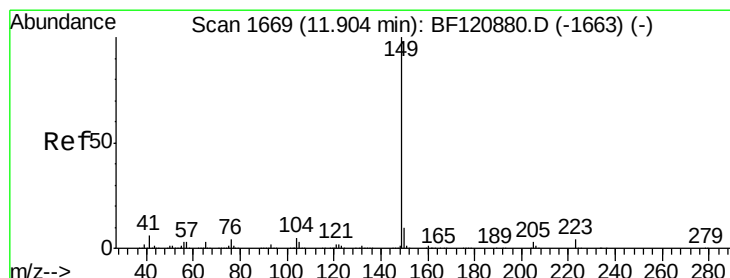
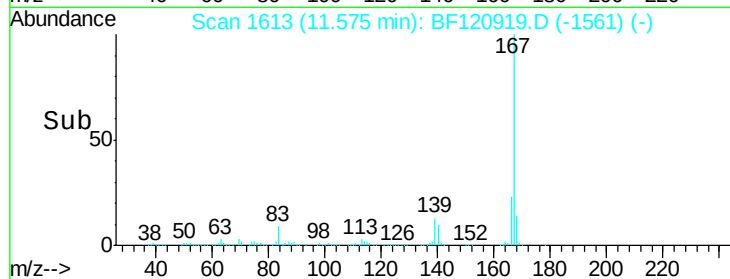
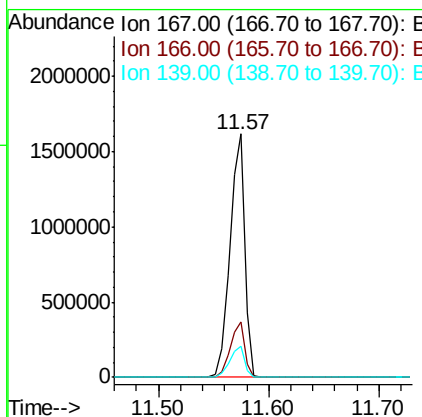
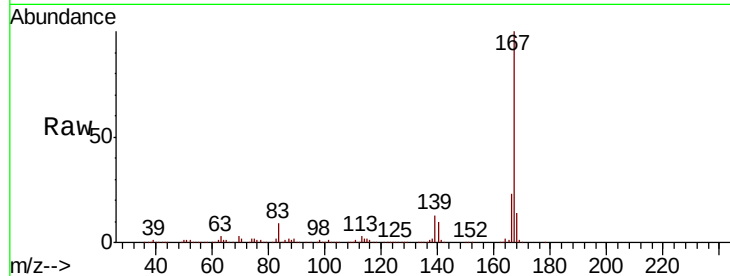




#73
 Carbazole
 Concen: 41.109 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

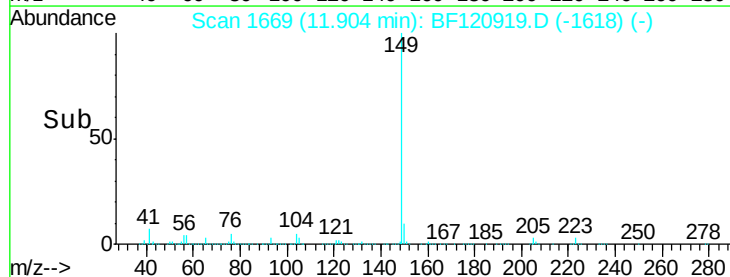
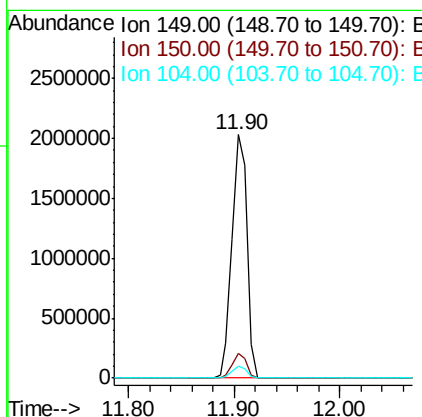
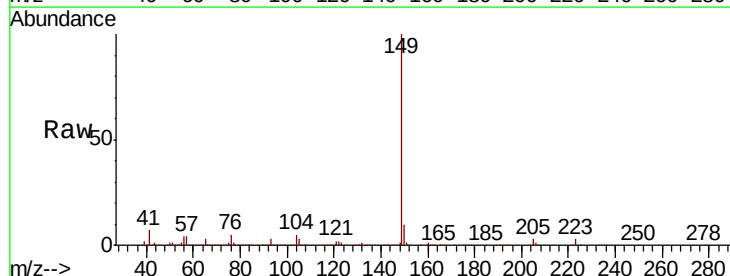
Instrument :
 BNA_F
 ClientSampleId :
 24MSD

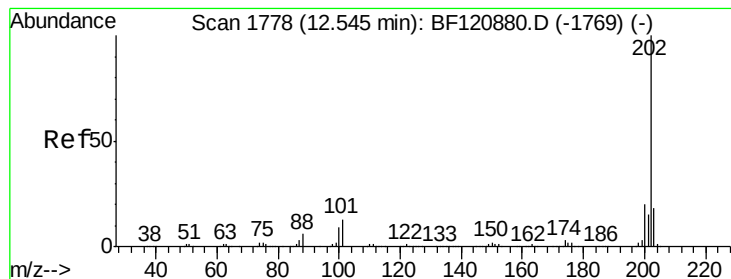
Tot Ion:167 Resp: 1523041
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.106 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:149 Resp: 1971249
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.6
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 39.622 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

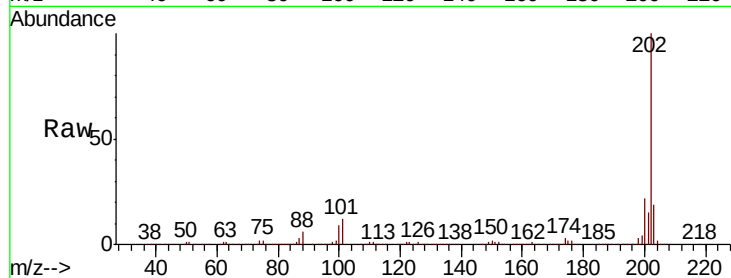
Tot Ion:202 Resp: 1632792

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.7

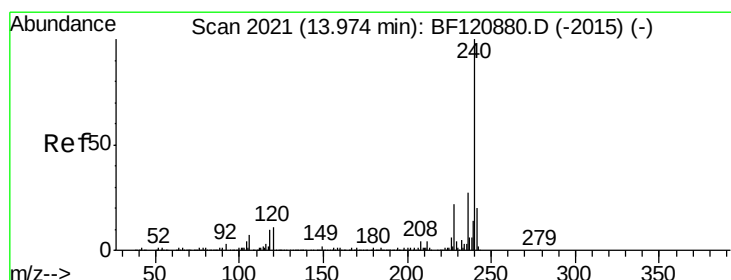
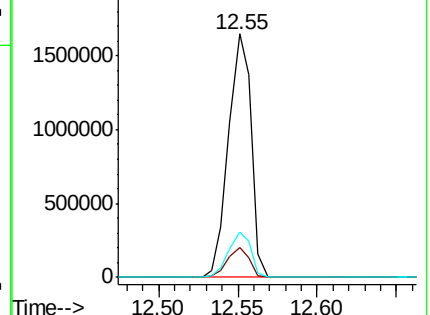
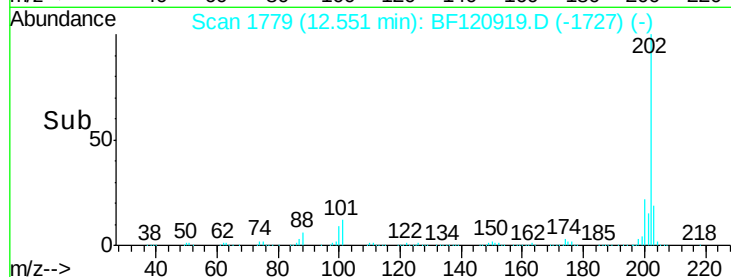
203 18.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

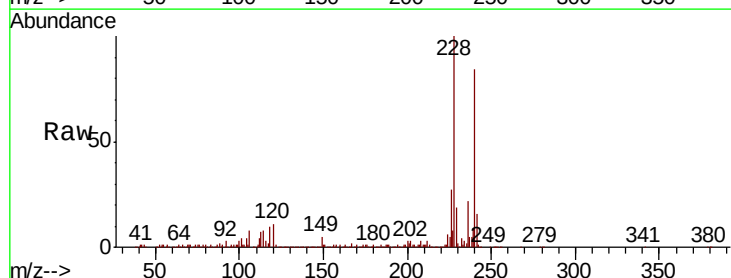
Tgt Ion:240 Resp: 411086

Ion Ratio Lower Upper

240 100

120 13.4 9.0 13.4

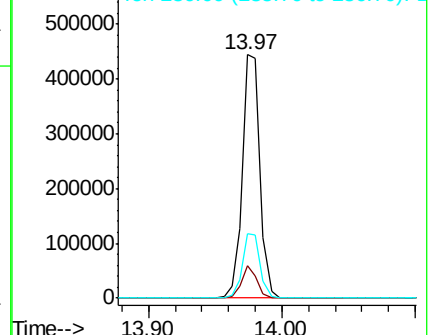
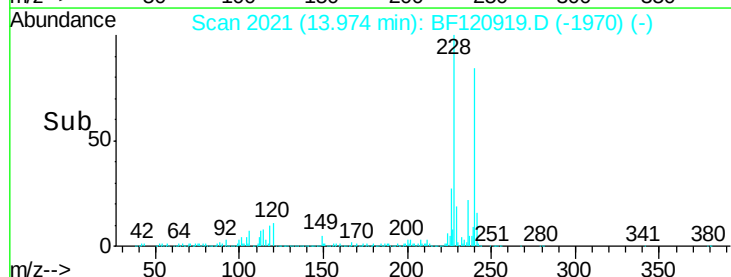
236 26.3 21.7 32.5

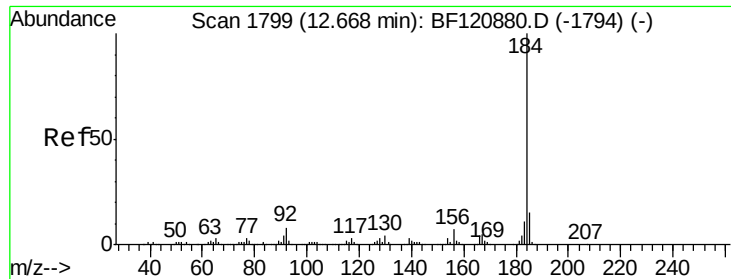


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 94.482 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

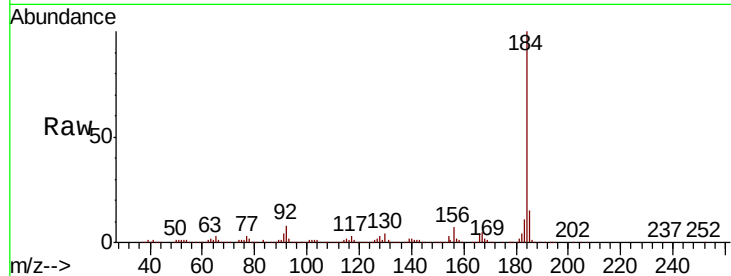
Tot Ion:184 Resp: 1021179

Ion Ratio Lower Upper

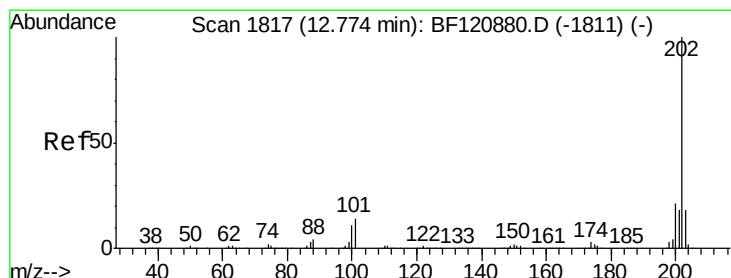
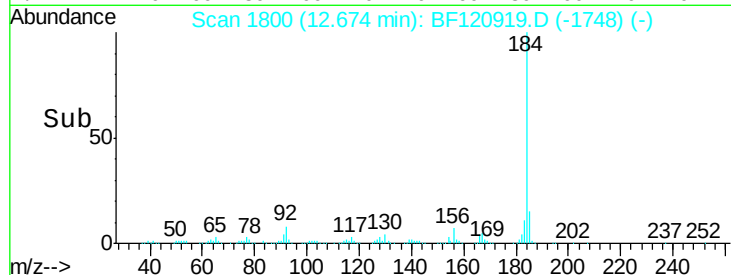
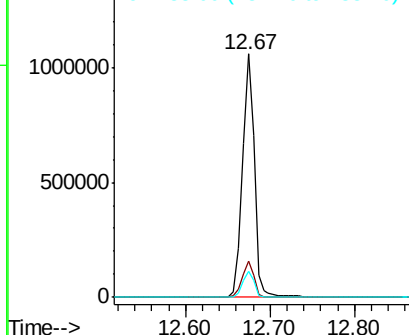
184 100

185 15.0 12.2 18.2

183 10.9 8.5 12.7



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: 54.852 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

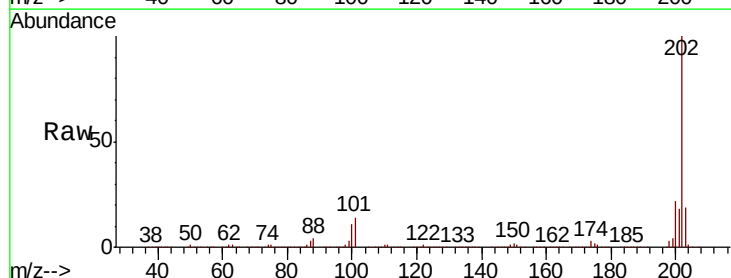
Tgt Ion:202 Resp: 1594206

Ion Ratio Lower Upper

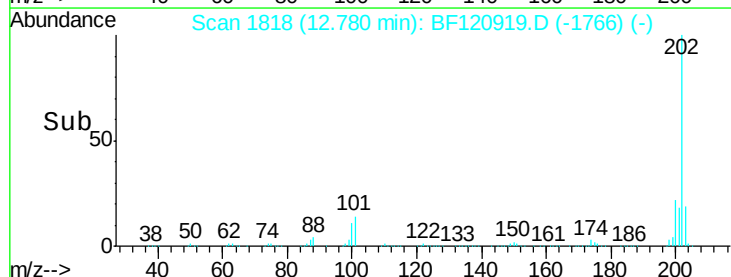
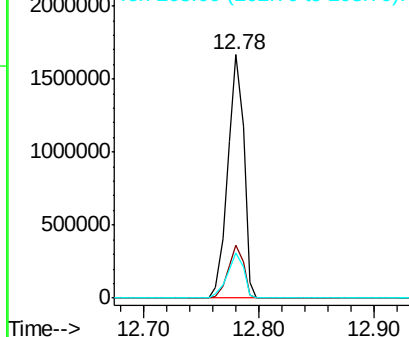
202 100

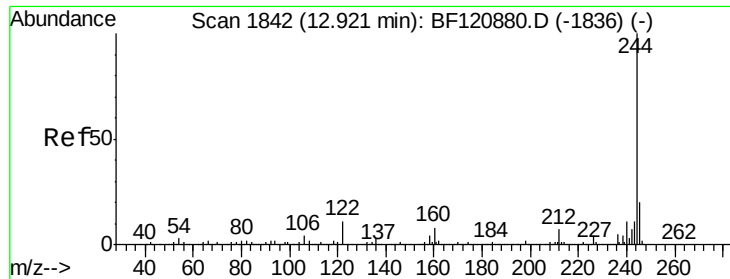
200 21.5 17.0 25.4

203 18.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.113 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

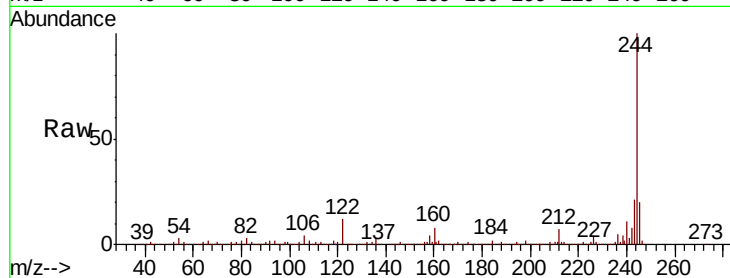
Tot Ion:244 Resp: 1420474

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

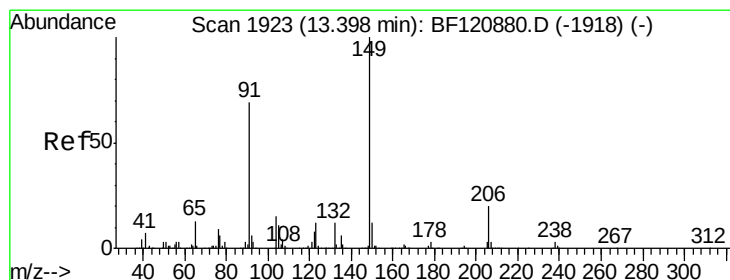
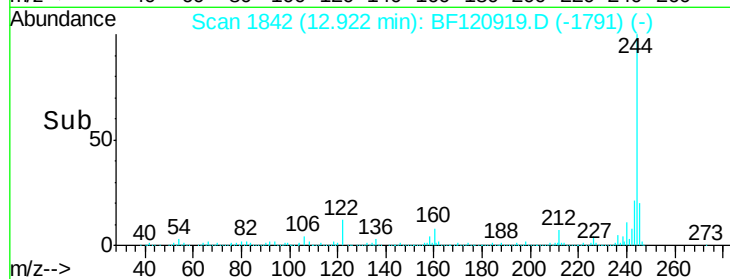
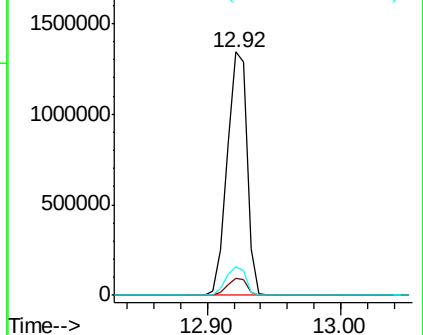
122 11.7 8.9 13.3



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: 57.798 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

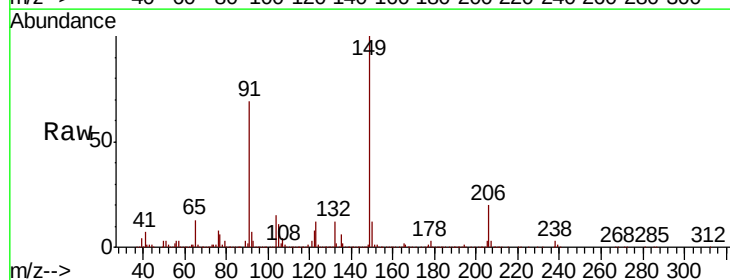
Tgt Ion:149 Resp: 748847

Ion Ratio Lower Upper

149 100

91 69.2 55.1 82.7

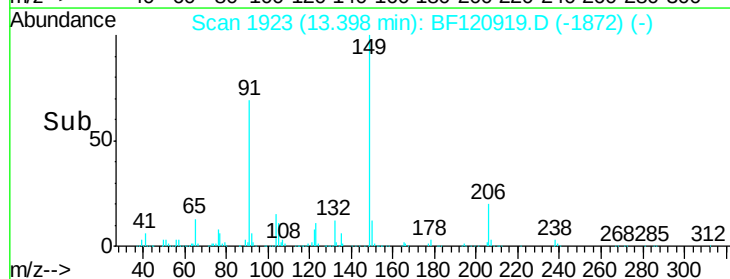
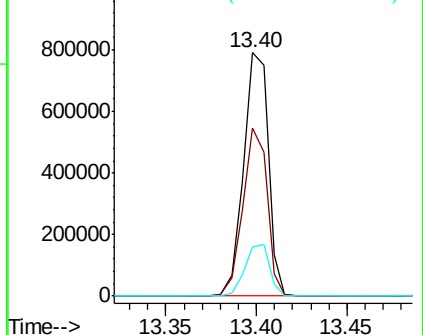
206 20.4 16.1 24.1

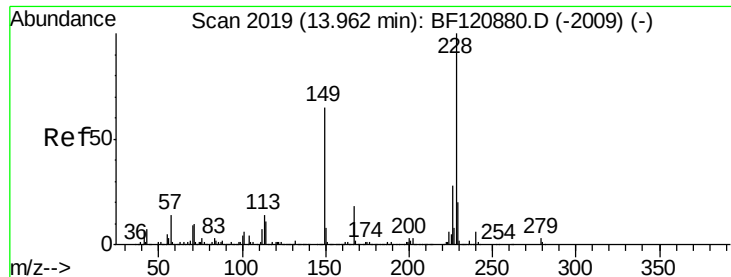


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

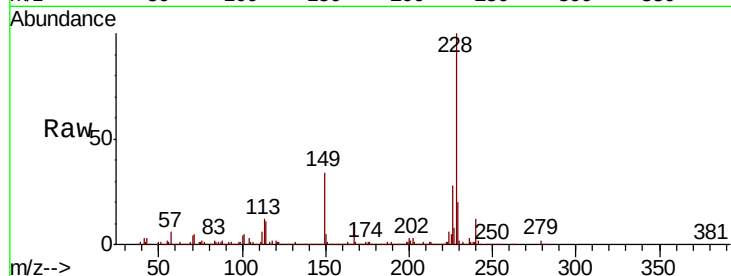




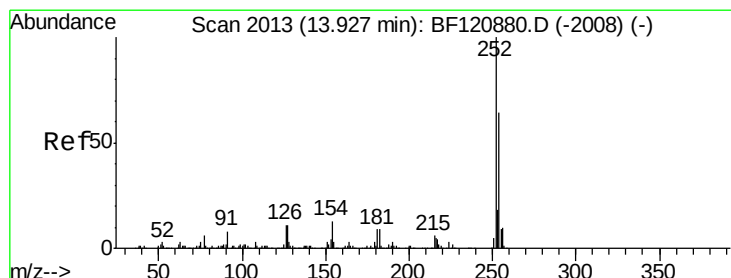
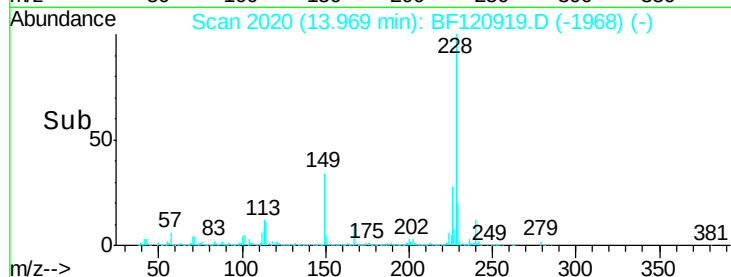
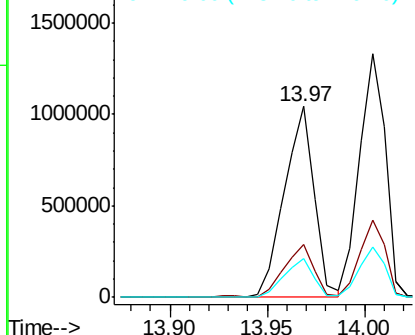
#81
Benzo(a)anthracene
Concen: 44.396 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:228 Resp: 1105155
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 16.1 24.1

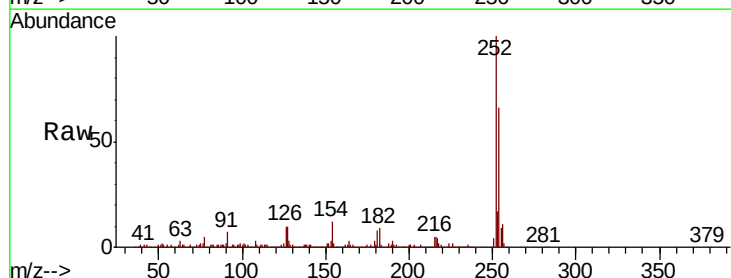


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

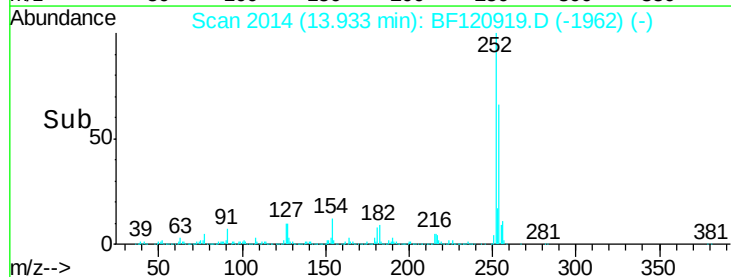
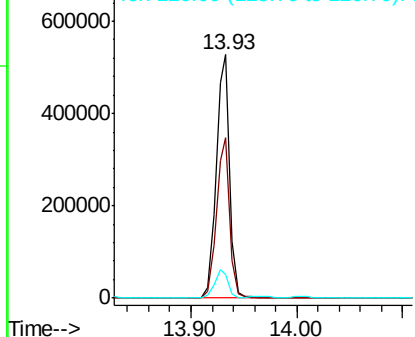


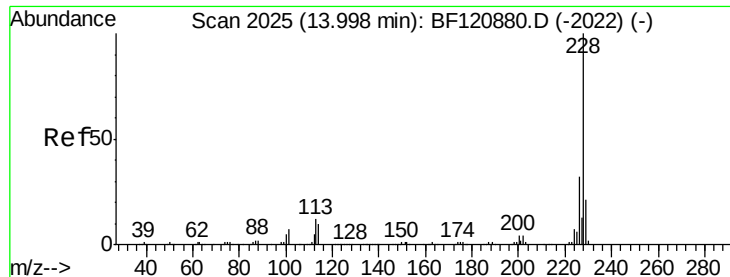
#82
3,3'-Dichlorobenzidine
Concen: 51.177 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:252 Resp: 480631
Ion Ratio Lower Upper
252 100
254 66.0 51.2 76.8
126 9.7 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.955 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

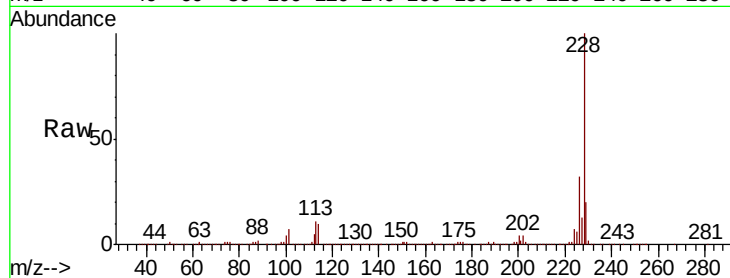
Tot Ion:228 Resp: 1228358

Ion Ratio Lower Upper

228 100

226 31.6 25.6 38.4

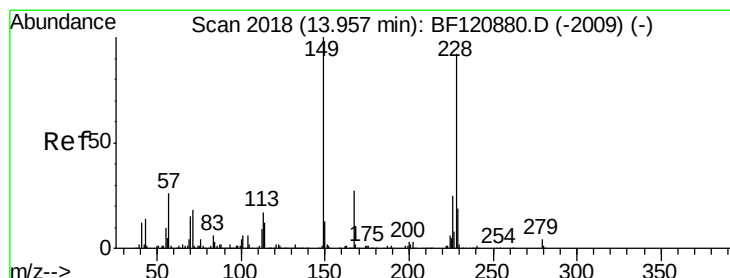
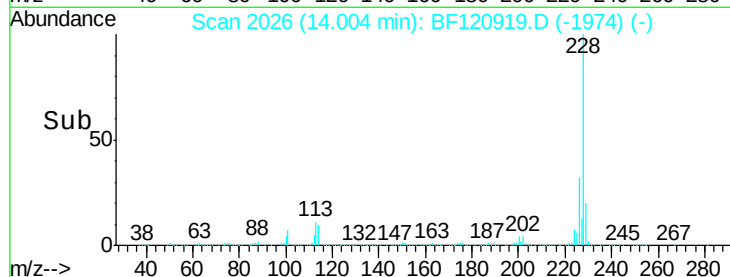
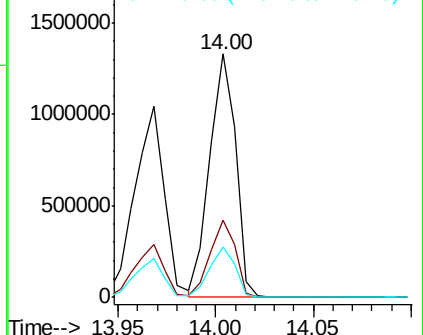
229 20.4 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.660 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

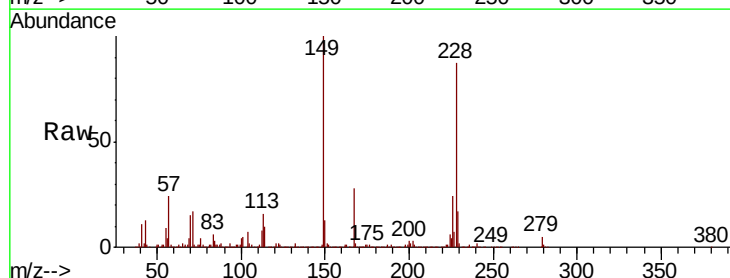
Tgt Ion:149 Resp: 873276

Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

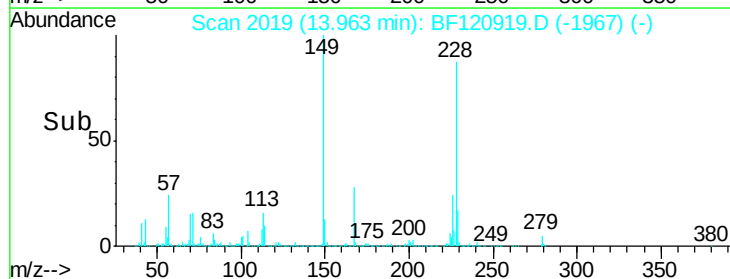
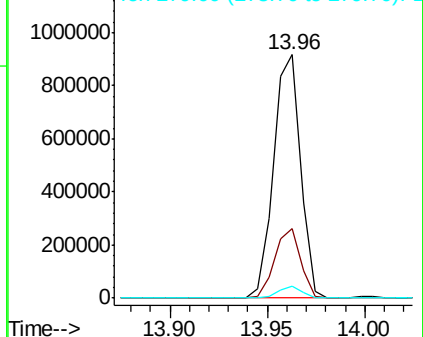
279 4.9 3.0 4.4#

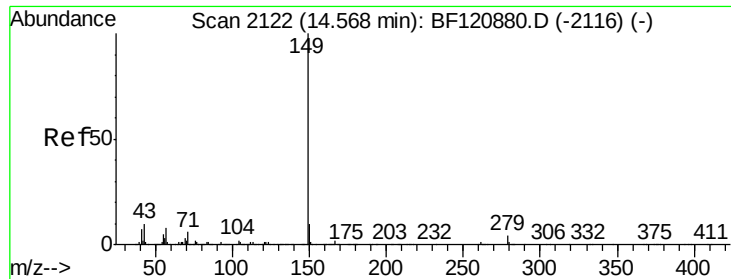


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

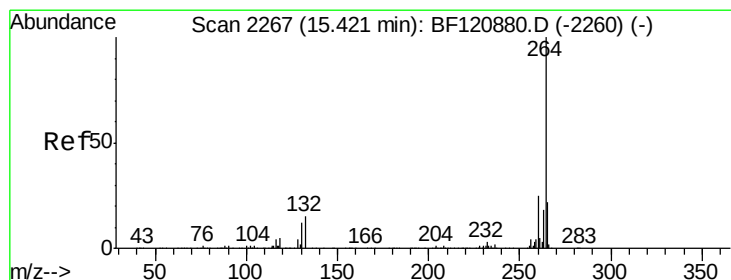
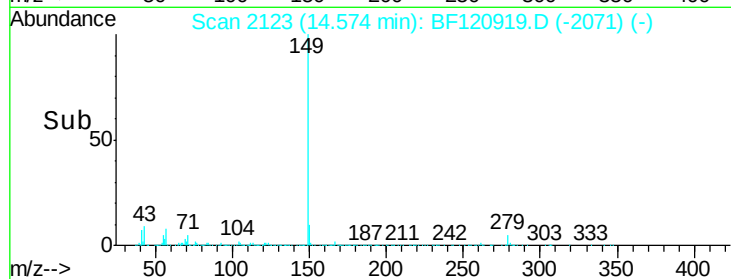
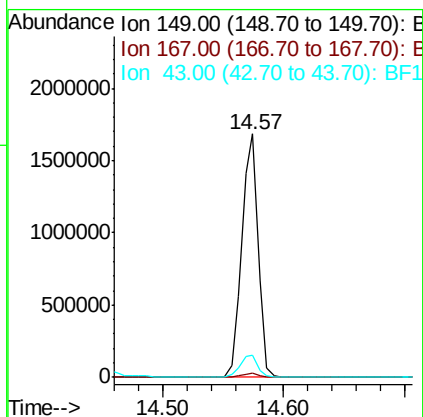
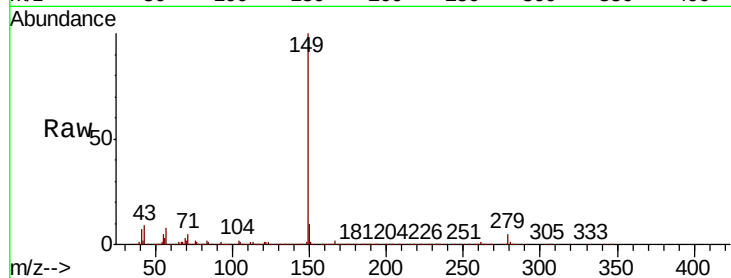




#85
Di-n-octyl phthalate
Concen: 49.810 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

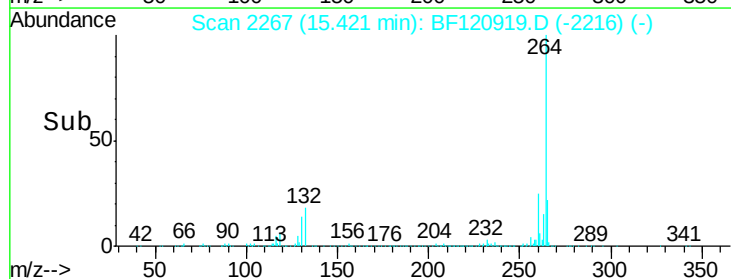
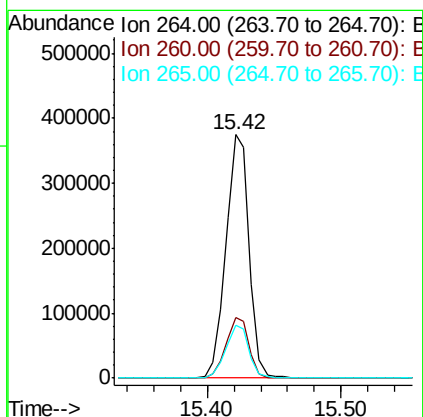
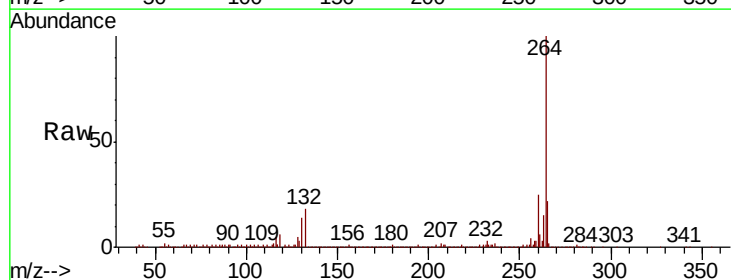
Instrument :
BNA_F
ClientSampleId :
24MSD

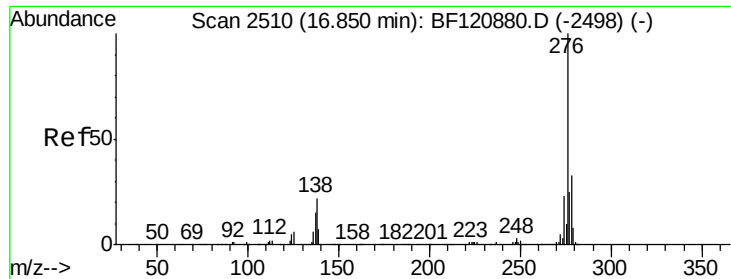
Tot Ion:149 Resp: 1583256
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:264 Resp: 458030
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.8 17.4 26.2

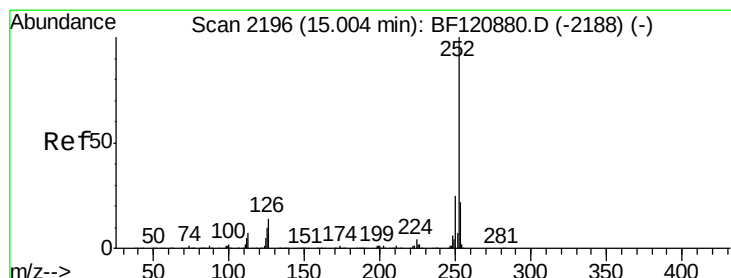
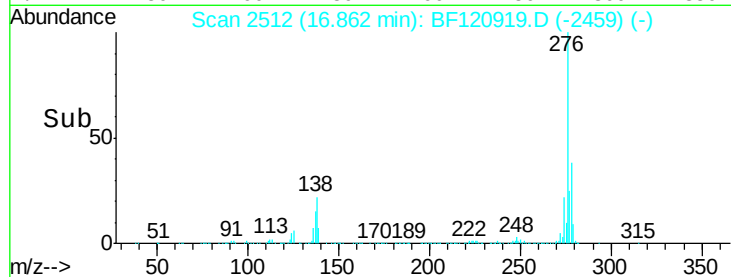
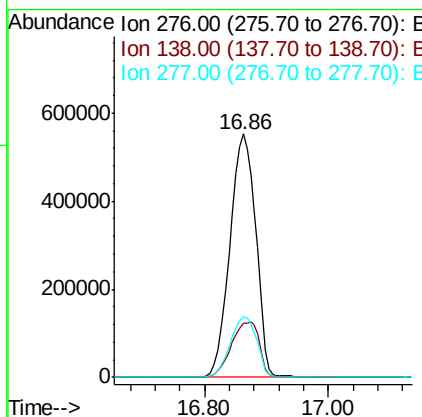
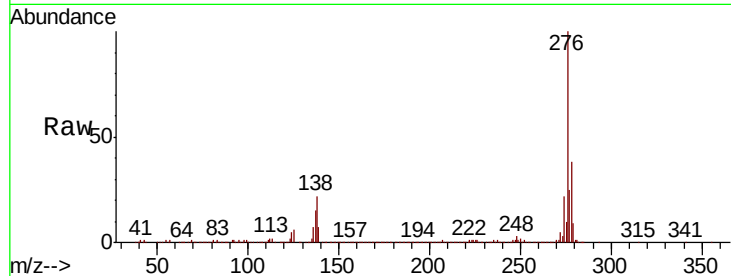




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.565 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

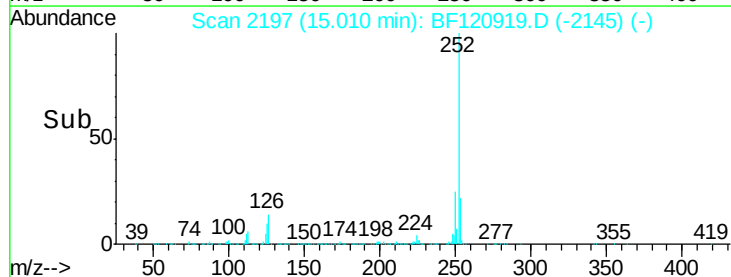
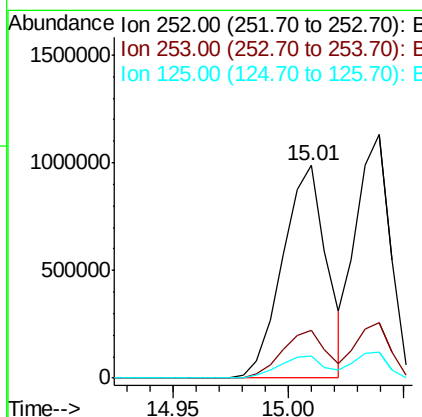
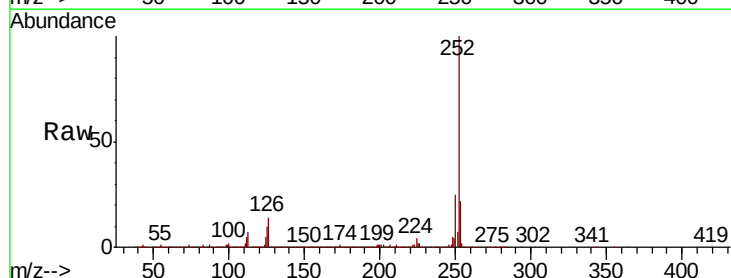
Instrument :
 BNA_F
 ClientSampleId :
 24MSD

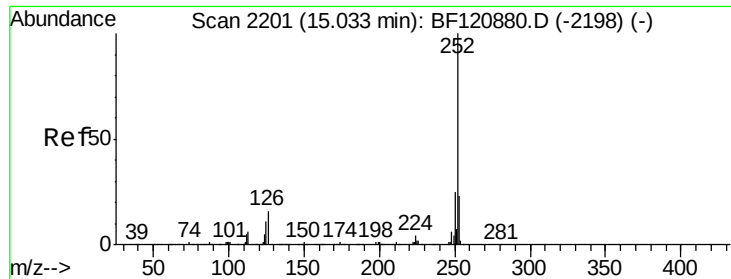
Tot Ion:276 Resp: 1610710
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.100 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:252 Resp: 1304025
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 10.2 8.3 12.5

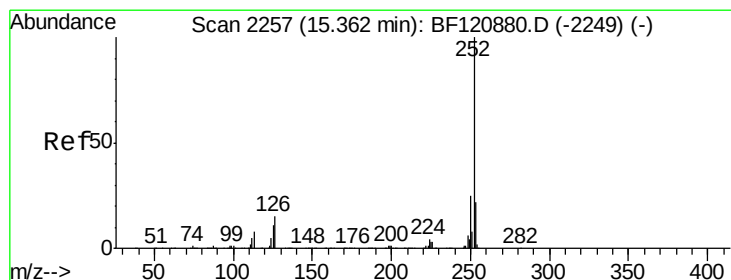
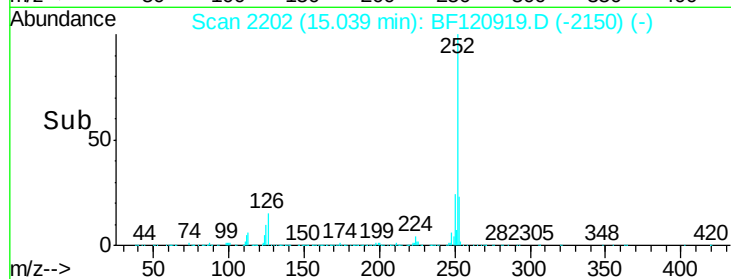
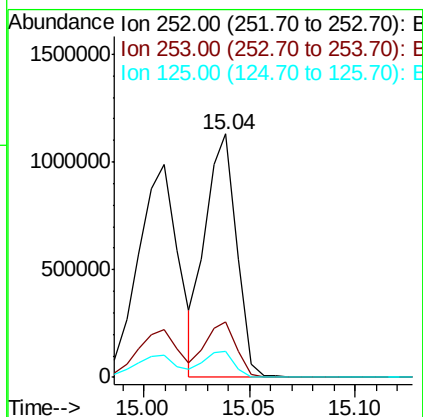
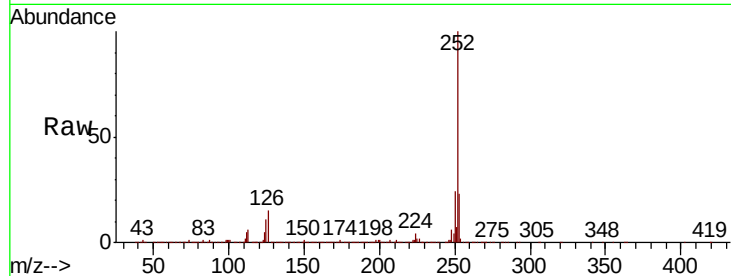




#89
Benzo(k)fluoranthene
Concen: 45.931 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

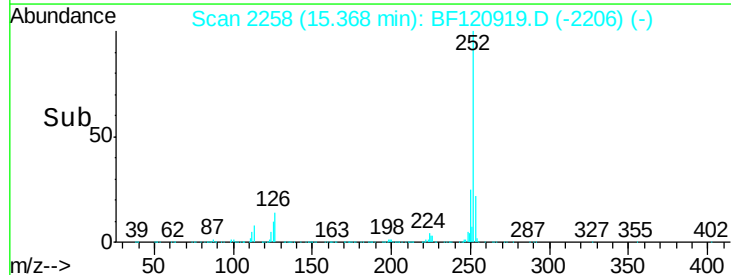
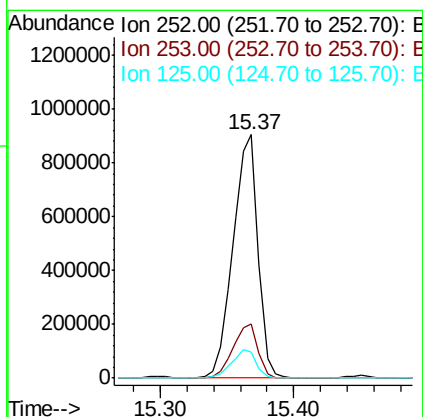
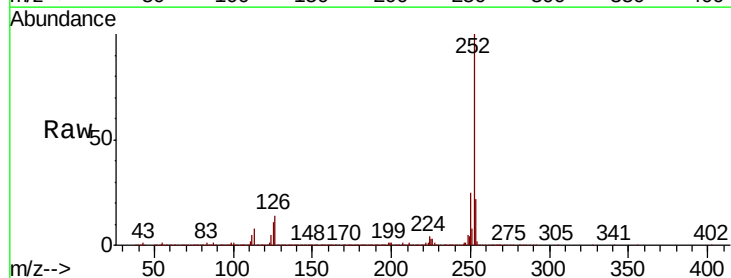
Instrument :
BNA_F
ClientSampleId :
24MSD

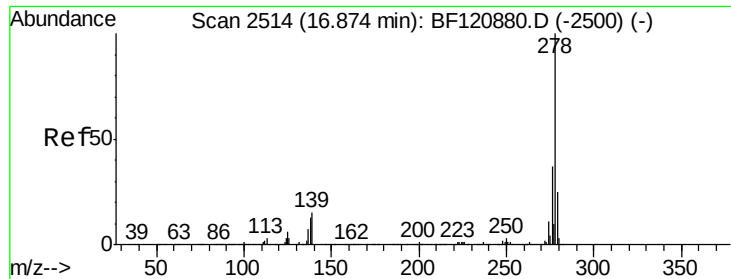
Tot Ion:252 Resp: 1159757
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.828 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:252 Resp: 1182879
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.6 8.9 13.3

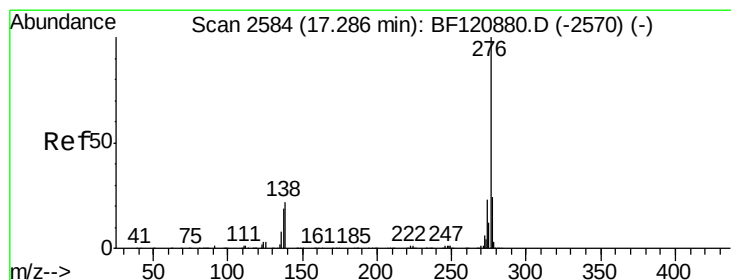
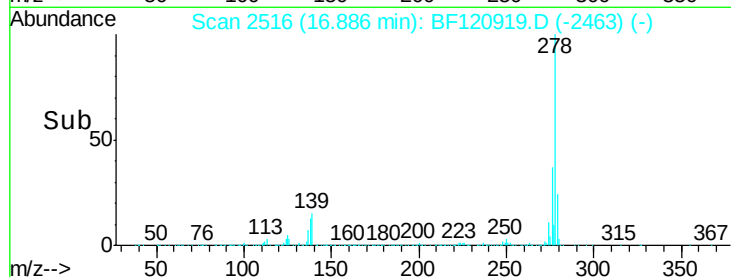
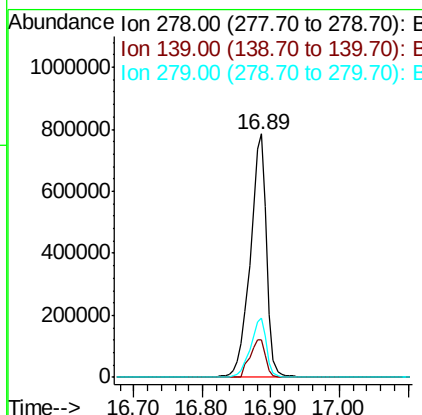
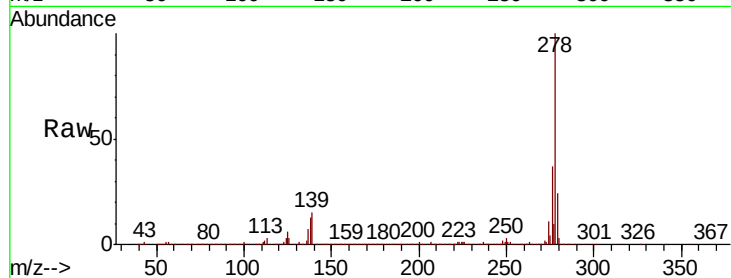




#91
Dibenzo(a,h)anthracene
Concen: 50.494 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:278 Resp: 1313875
Ion Ratio Lower Upper
278 100
139 15.3 12.3 18.5
279 24.3 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 52.193 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:276 Resp: 1339044
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.7 17.5 26.3

