

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120933.D
 Acq On : 20 Jul 2020 15:08
 Operator : JU/CG
 Sample : L3344-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Quant Time: Jul 20 16:05:11 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	188120	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	734149	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	393656	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	758415	20.00	ng	0.00
76) Chrysene-d12	13.98	240	593791	20.00	ng	0.00
86) Perylene-d12	15.43	264	615141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	614646	53.56	ng	0.01
7) Phenol-d6	6.45	99	765864	51.67	ng	0.00
23) Nitrobenzene-d5	7.38	82	472555	37.25	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	242749	56.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	955716	36.25	ng	0.00
79) Terphenyl-d14	12.92	244	1055031	38.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	223088	42.241	ng	99
3) Pyridine	3.36	79	592954	42.206	ng	100
4) n-Nitrosodimethylamine	3.32	42	264539	44.034	ng	94
6) Aniline	6.47	93	577613	29.852	ng	99
8) 2-Chlorophenol	6.60	128	583859	46.186	ng	100
9) Benzaldehyde	6.36	77	148462	17.311	ng	99
10) Phenol	6.46	94	719308	44.114	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	537949	43.048	ng	98
12) 1,3-Dichlorobenzene	6.76	146	580511	42.349	ng	99
13) 1,4-Dichlorobenzene	6.83	146	582656	42.746	ng	99
14) 1,2-Dichlorobenzene	6.99	146	564733	43.795	ng	100
15) Benzyl Alcohol	6.96	79	457947	43.686	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	763522	42.390	ng	100
17) 2-Methylphenol	7.07	107	459829	41.040	ng	99
18) Hexachloroethane	7.33	117	221050	44.806	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	351824	41.740	ng	99
20) 3+4-Methylphenols	7.22	107	512055	35.926	ng	91
22) Acetophenone	7.23	105	677378	41.112	ng	# 94
24) Nitrobenzene	7.40	77	582284	42.581	ng	100
25) Isophorone	7.64	82	1081188	42.698	ng	99
26) 2-Nitrophenol	7.72	139	310556	47.817	ng	99
27) 2,4-Dimethylphenol	7.76	122	487804	46.261	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	689218	44.590	ng	100
29) 2,4-Dichlorophenol	7.96	162	483168	44.841	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	513182	42.927	ng	99
31) Naphthalene	8.12	128	1590436	42.233	ng	99
32) Benzoic acid	7.89	122	382922	48.376	ng	95
33) 4-Chloroaniline	8.17	127	378324	22.520	ng	98
34) Hexachlorobutadiene	8.24	225	293226	41.608	ng	98
35) Caprolactam	8.55	113	111926	32.391	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	508670	46.030	ng	99
37) 2-Methylnaphthalene	8.82	142	1070334	43.773	ng	99
38) 1-Methylnaphthalene	8.92	142	1030915	44.516	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461334	40.223	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120933.D
 Acq On : 20 Jul 2020 15:08
 Operator : JU/CG
 Sample : L3344-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Quant Time: Jul 20 16:05:11 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

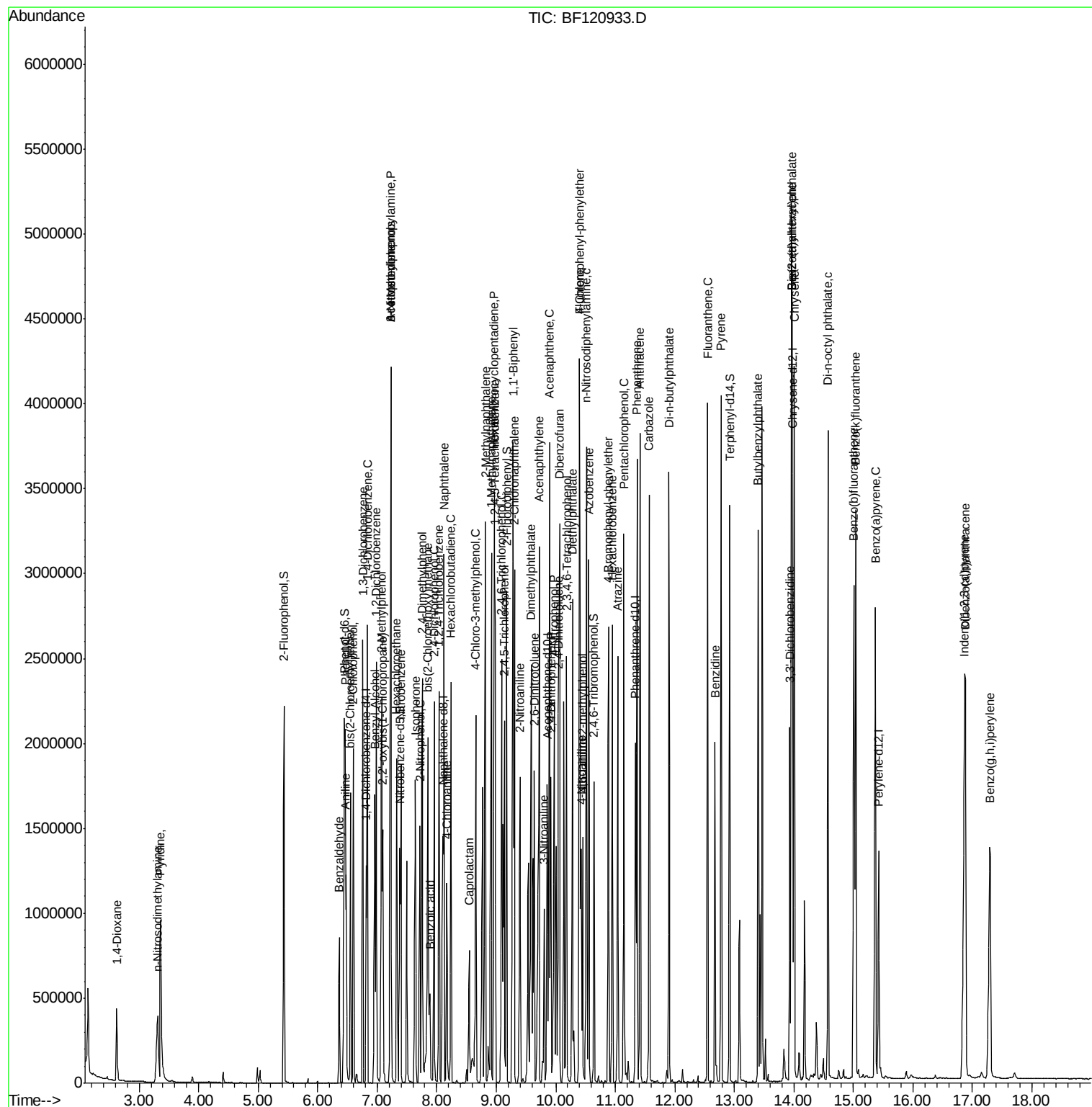
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	559195	88.216	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	365273	45.232	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	379951	41.478	ng	98
46) 1,1'-Biphenyl	9.28	154	1253975	41.760	ng	99
47) 2-Chloronaphthalene	9.30	162	1010044	41.257	ng	98
48) 2-Nitroaniline	9.40	65	320646	43.339	ng	97
49) Acenaphthylene	9.72	152	1594124	41.914	ng	100
50) Dimethylphthalate	9.59	163	1333372	46.950	ng	100
51) 2,6-Dinitrotoluene	9.64	165	280319	45.943	ng	97
52) Acenaphthene	9.89	154	990243	40.952	ng	100
53) 3-Nitroaniline	9.81	138	194060	25.360	ng	97
54) 2,4-Dinitrophenol	9.92	184	261999	75.062	ng	87
55) Dibenzofuran	10.06	168	1438474	41.138	ng	100
56) 4-Nitrophenol	9.97	139	514966	88.590	ng	99
57) 2,4-Dinitrotoluene	10.05	165	372645	46.508	ng	94
58) Fluorene	10.40	166	1024680	39.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	324158	46.478	ng	98
60) Diethylphthalate	10.28	149	1213809	42.255	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	496779	35.713	ng	97
62) 4-Nitroaniline	10.43	138	296815	39.819	ng	95
63) Azobenzene	10.56	77	1153157	42.167	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192821	44.255	ng	95
66) n-Nitrosodiphenylamine	10.52	169	1026384	43.020	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	349651	41.351	ng	95
68) Hexachlorobenzene	10.95	284	402625	44.018	ng	94
69) Atrazine	11.05	200	307943	52.117	ng	98
70) Pentachlorophenol	11.15	266	452265	86.308	ng	99
71) Phenanthrene	11.37	178	1594336	40.875	ng	100
72) Anthracene	11.42	178	1678414	42.853	ng	99
73) Carbazole	11.57	167	1592547	40.971	ng	99
74) Di-n-butylphthalate	11.90	149	1906048	42.493	ng	99
75) Fluoranthene	12.55	202	1826123	42.238	ng	99
77) Benzidine	12.67	184	799441	51.207	ng	99
78) Pyrene	12.78	202	1856215	44.215	ng	99
80) Butylbenzylphthalate	13.40	149	853024	45.581	ng	94
81) Benzo(a)anthracene	13.97	228	1467742	40.819	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	463306	34.153	ng	99
83) Chrysene	14.01	228	1593535	42.172	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	979070	42.426	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1990521	43.355	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1583656	37.018	ng	100
88) Benzo(b)fluoranthene	15.01	252	1672416	44.978	ng	98
89) Benzo(k)fluoranthene	15.04	252	1603363	47.282	ng	100
90) Benzo(a)pyrene	15.37	252	1482310	43.694	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1318017	37.716	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1241873	36.042	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120933.D
Acq On : 20 Jul 2020 15:08
Operator : JU/CG
Sample : L3344-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Quant Time: Jul 20 16:05:11 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



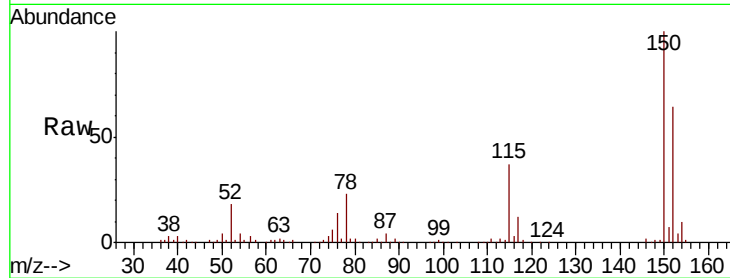


#1

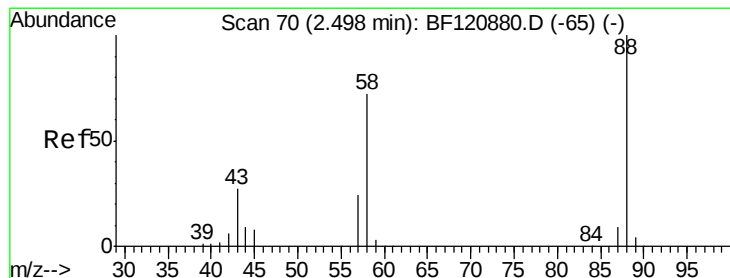
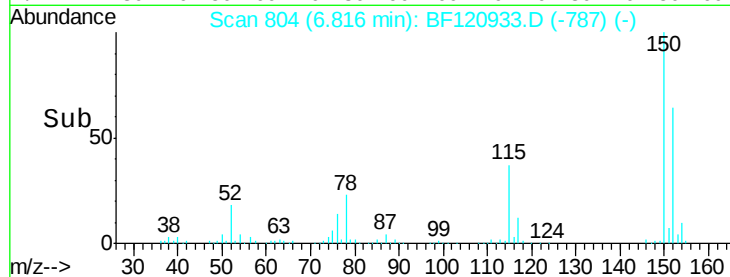
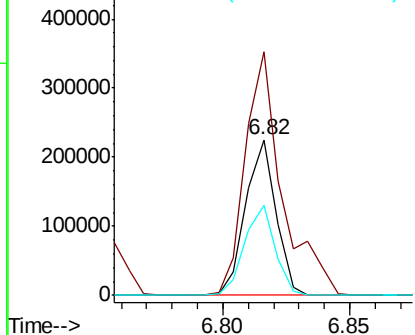
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:152 Resp: 188120
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.0 187.6
 115 57.5 47.0 70.4



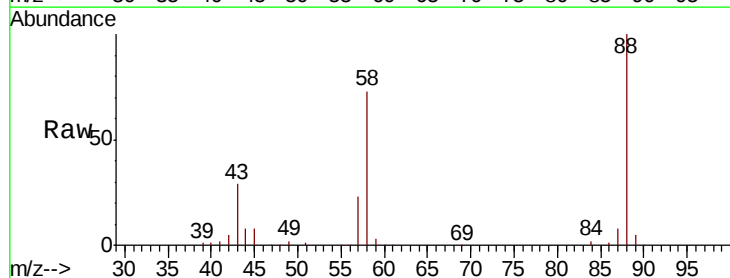
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



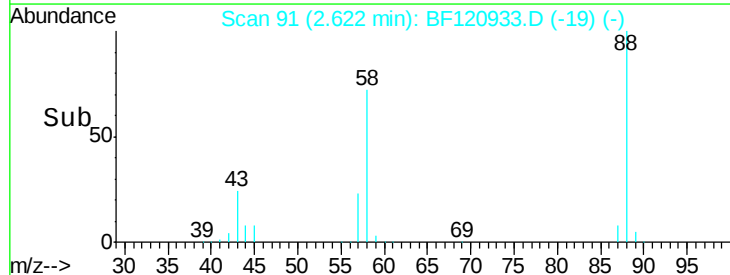
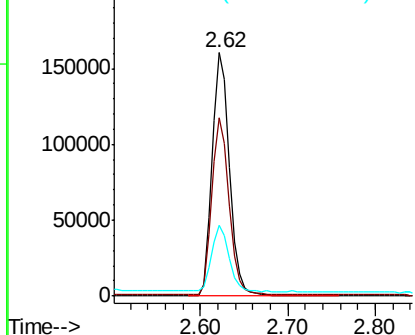
#2

1,4-Dioxane
 Concen: 42.241 ng
 RT: 2.62 min Scan# 91
 Delta R.T. 0.12 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion: 88 Resp: 223088
 Ion Ratio Lower Upper
 88 100
 58 71.4 58.2 87.2
 43 27.0 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

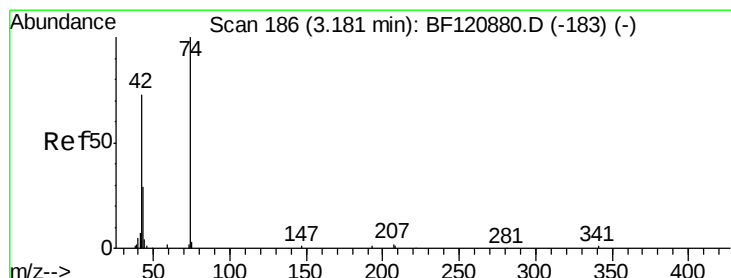
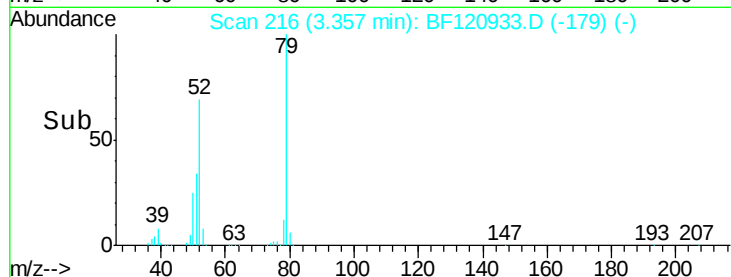
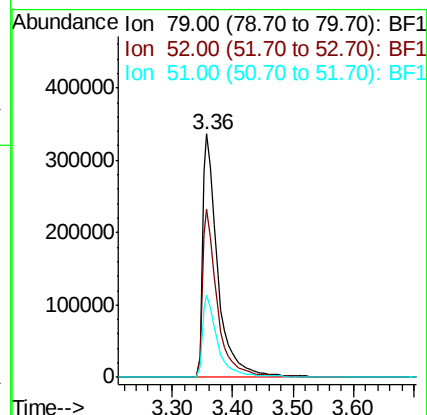
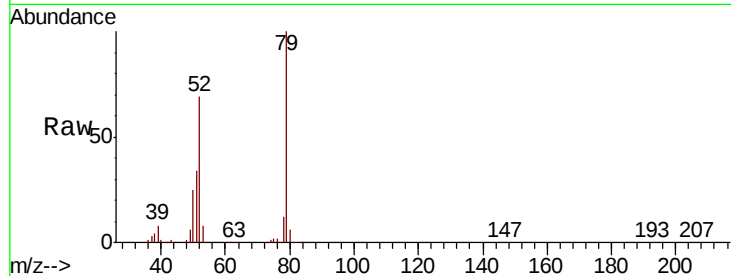




#3
 Pvridine
 Concen: 42.206 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.12 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

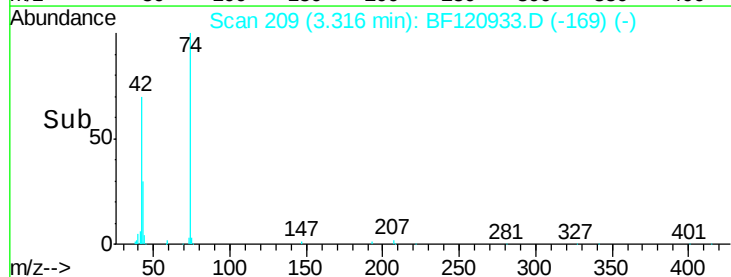
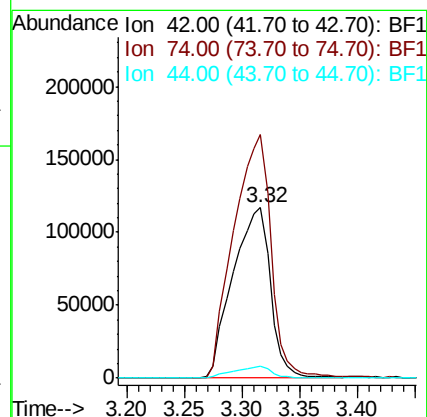
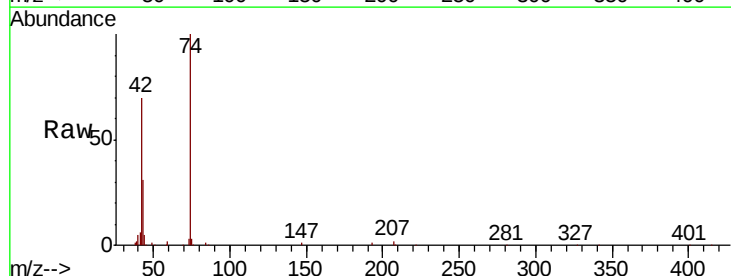
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion: 79 Resp: 592954
 Ion Ratio Lower Upper
 79 100
 52 69.1 55.0 82.6
 51 33.8 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 44.034 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion: 42 Resp: 264539
 Ion Ratio Lower Upper
 42 100
 74 143.0 108.7 163.1
 44 6.8 5.2 7.8





#5

2-Fluorophenol

Concen: 53.563 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

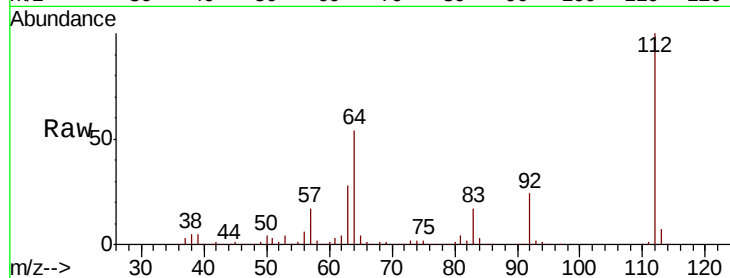
Tot Ion: 112 Resp: 614646

Ion Ratio Lower Upper

112 100

64 53.8 41.3 61.9

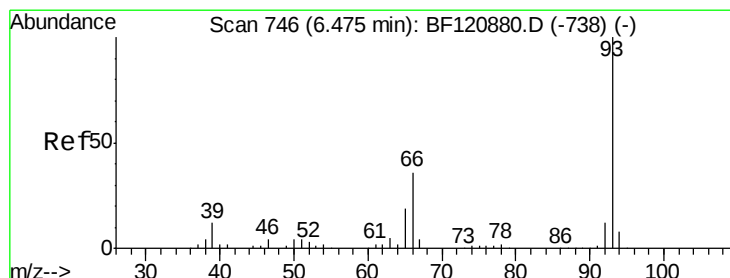
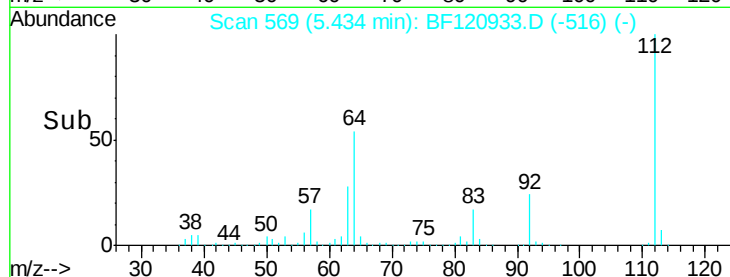
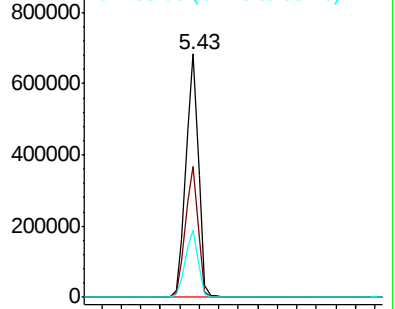
63 27.7 21.1 31.7



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: 29.852 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

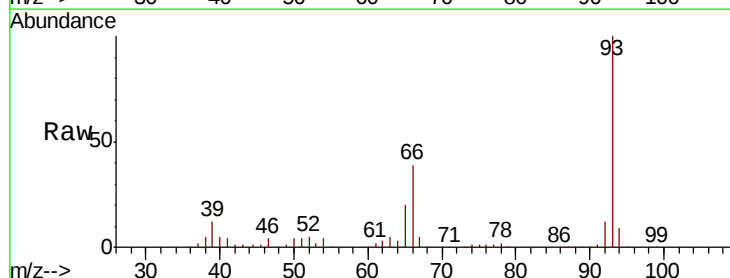
Tgt Ion: 93 Resp: 577613

Ion Ratio Lower Upper

93 100

66 38.7 30.2 45.4

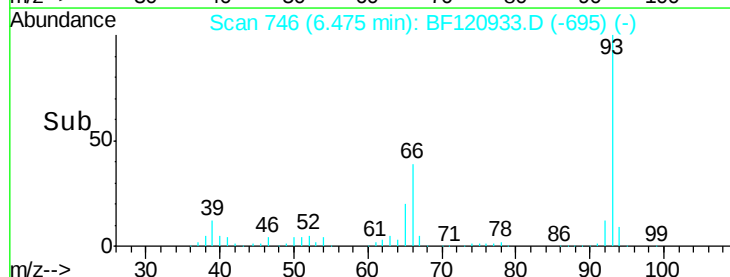
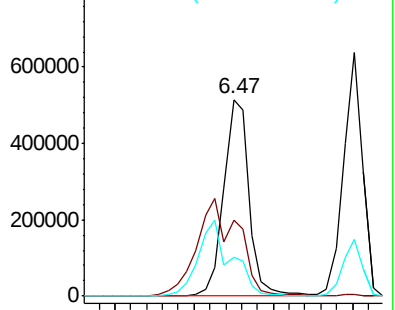
65 19.9 15.8 23.6



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: 51.667 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

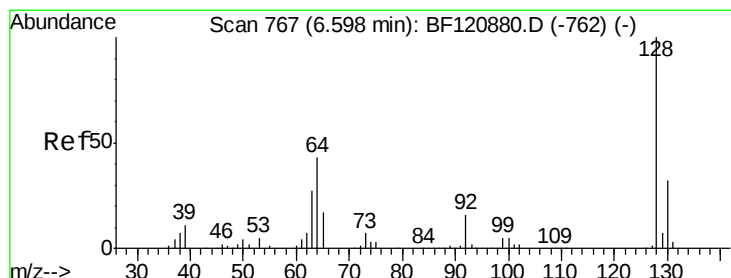
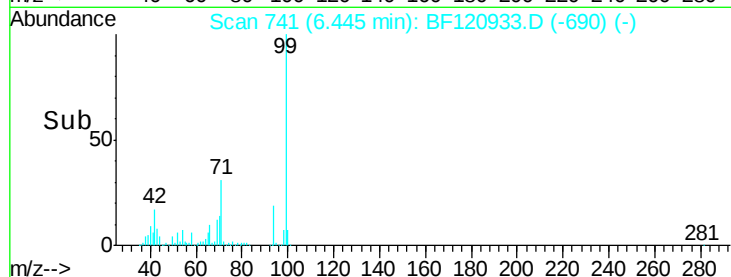
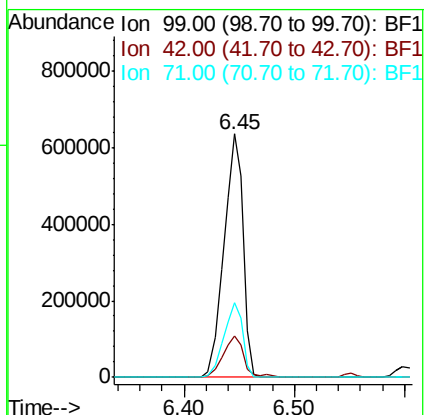
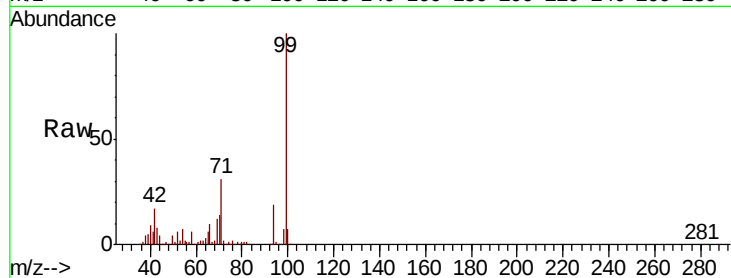
Tot Ion: 99 Resp: 765864

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 30.7 24.2 36.4



#8

2-Chlorophenol

Concen: 46.186 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

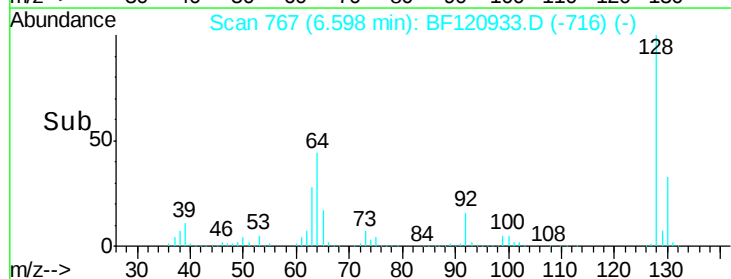
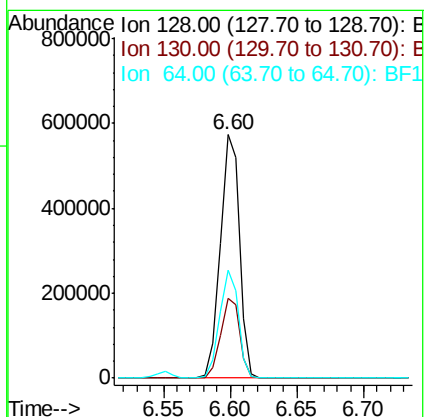
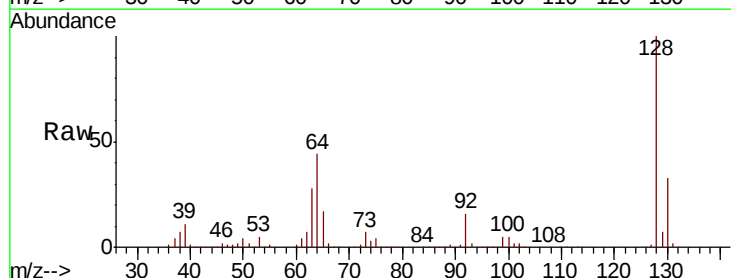
Tgt Ion: 128 Resp: 583859

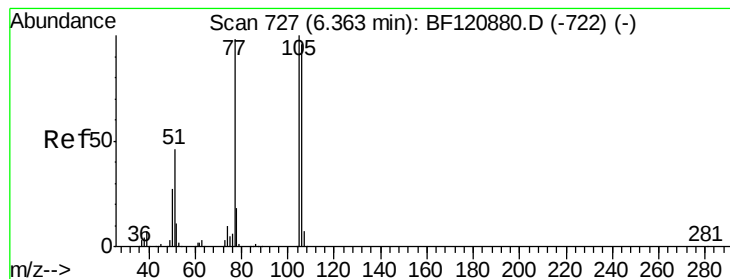
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 44.1 24.0 64.0





#9

Benzaldehyde

Concen: 17.311 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

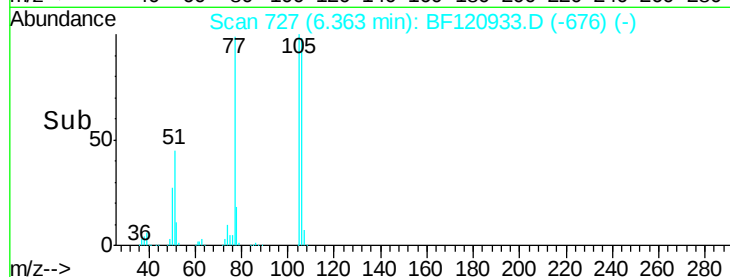
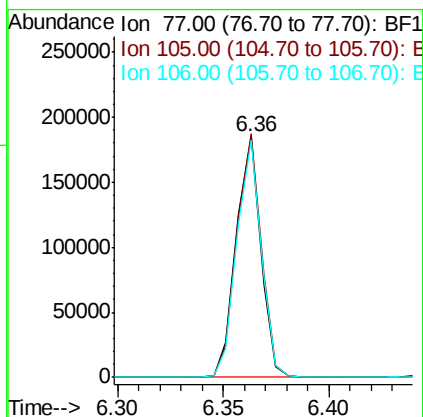
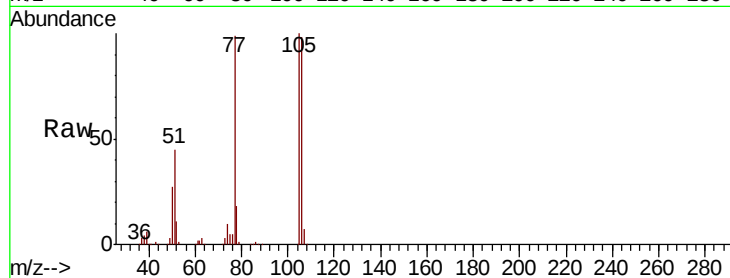
Tot Ion: 77 Resp: 148462

Ion Ratio Lower Upper

77 100

105 101.0 82.5 122.5

106 98.6 78.7 118.7



#10

Phenol

Concen: 44.114 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

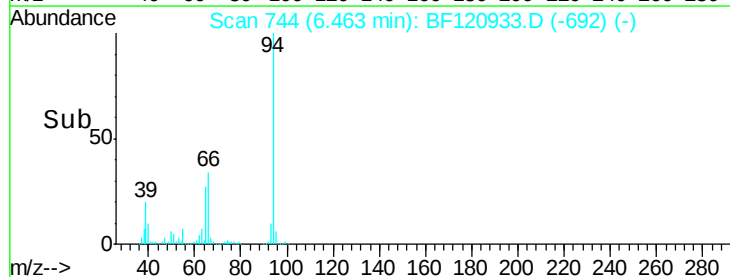
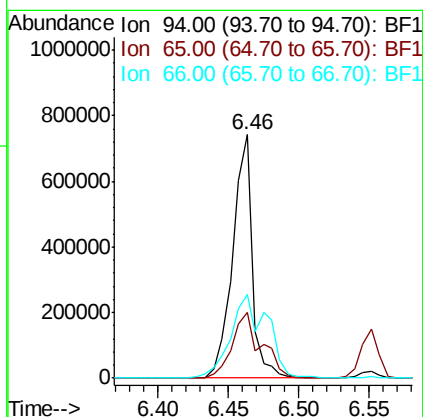
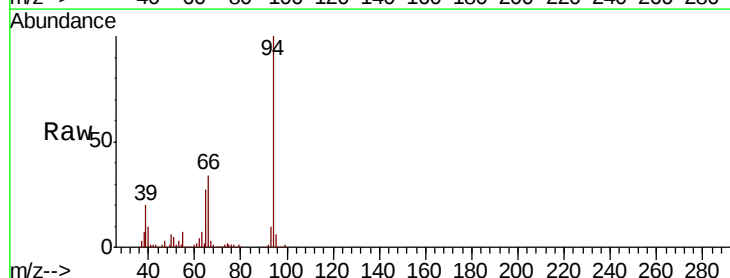
Tgt Ion: 94 Resp: 719308

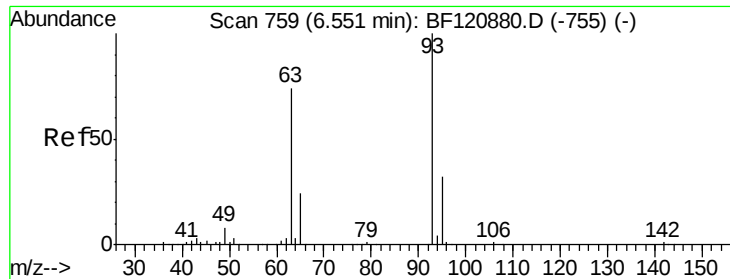
Ion Ratio Lower Upper

94 100

65 26.7 6.6 46.6

66 34.5 13.2 53.2

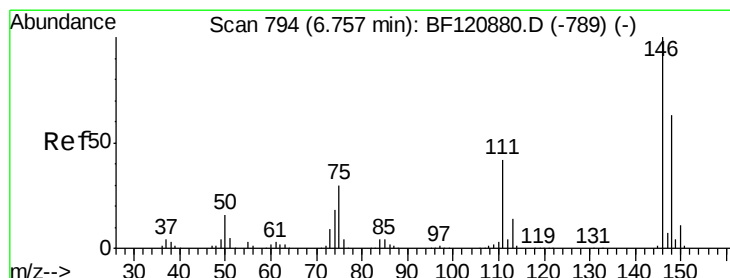
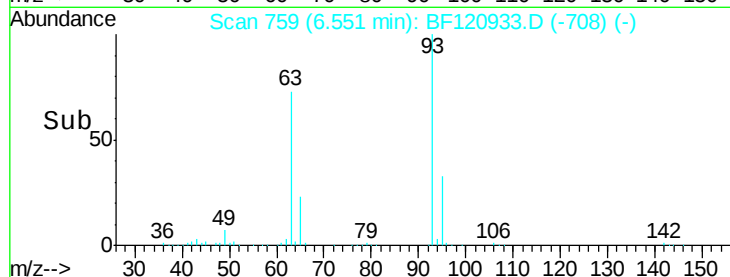
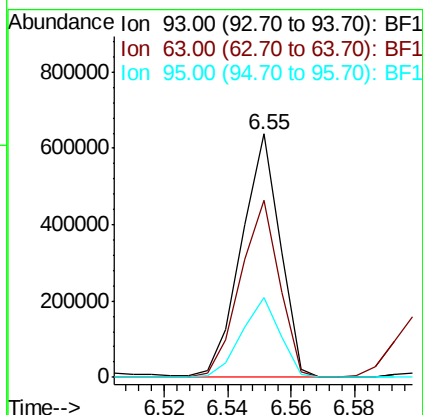
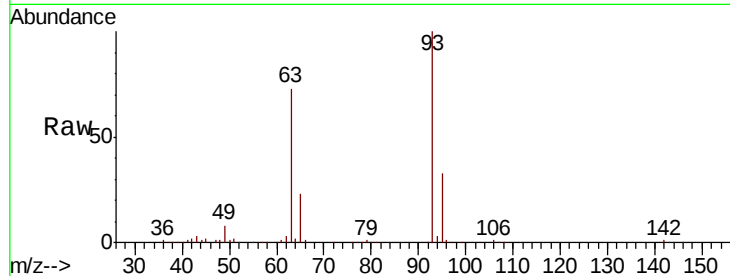




#11
bis(2-Chloroethyl)ether
Concen: 43.048 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

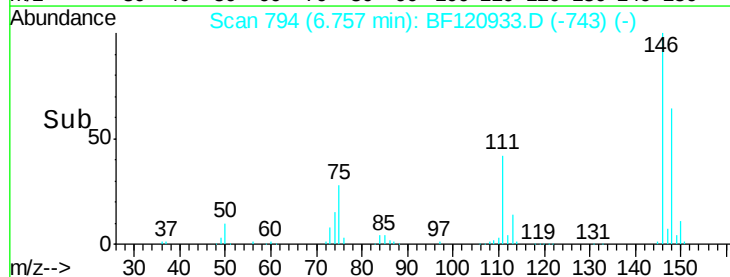
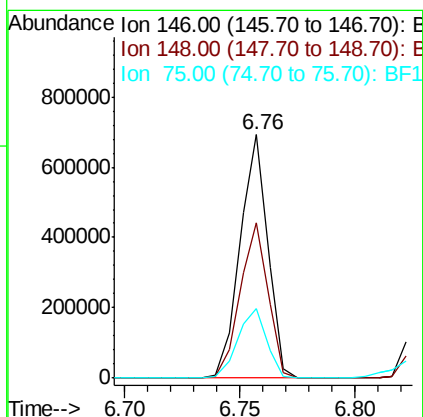
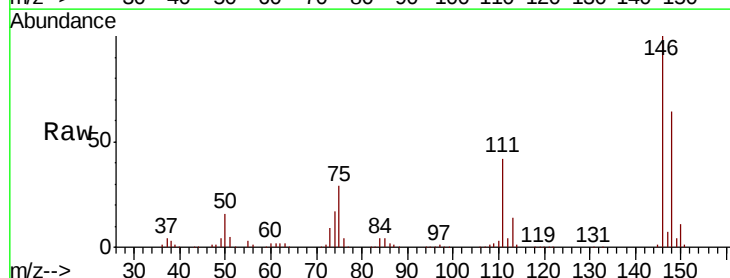
Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

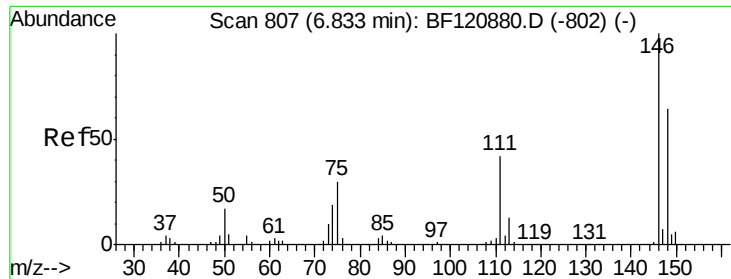
Tot Ion: 93 Resp: 537949
Ion Ratio Lower Upper
93 100
63 72.5 54.2 94.2
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 42.349 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion: 146 Resp: 580511
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 28.8 24.1 36.1

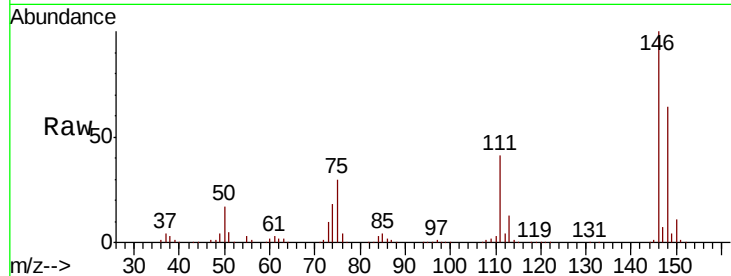




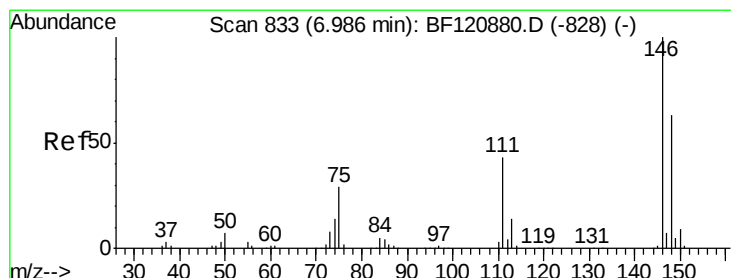
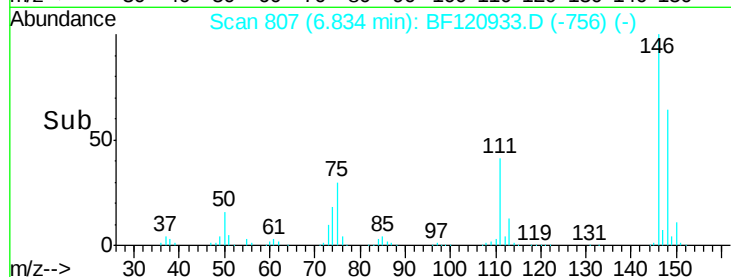
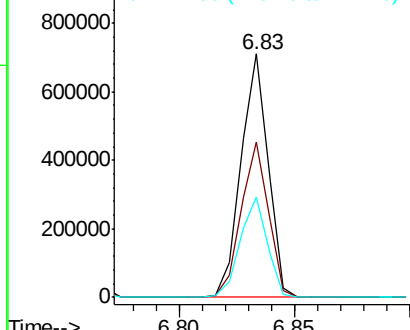
#13
 1,4-Dichlorobenzene
 Concen: 42.746 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:146 Resp: 582656
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 41.0 33.5 50.3

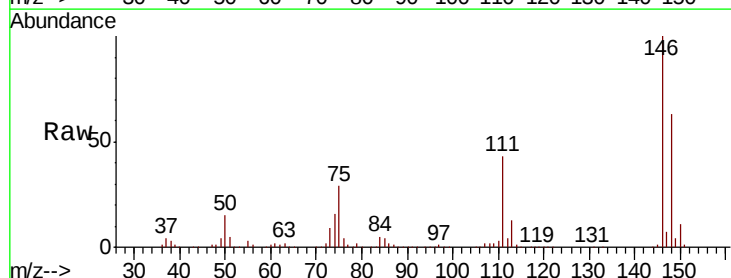


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

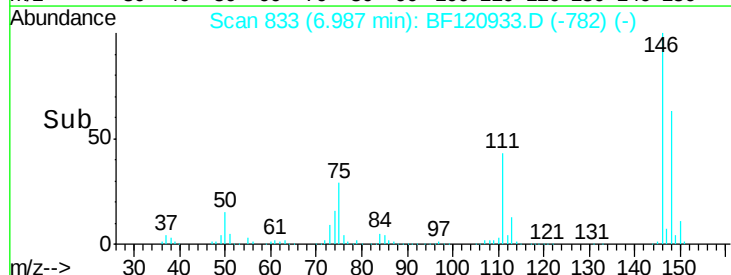
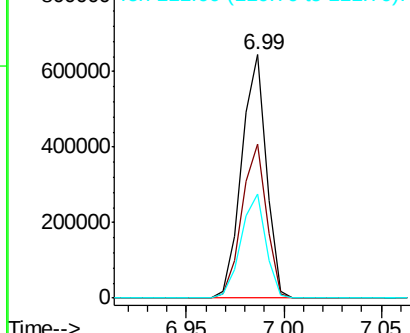


#14
 1,2-Dichlorobenzene
 Concen: 43.795 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:146 Resp: 564733
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 42.5 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 43.686 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

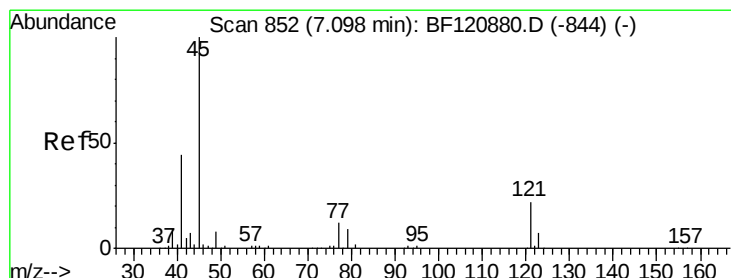
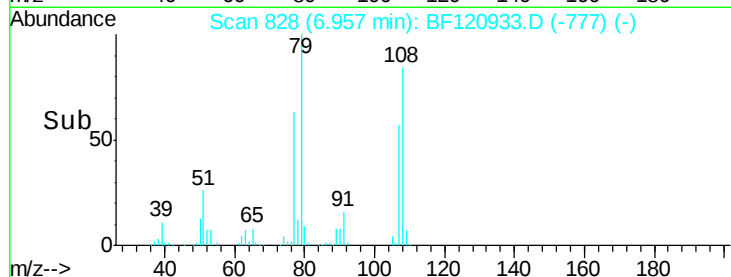
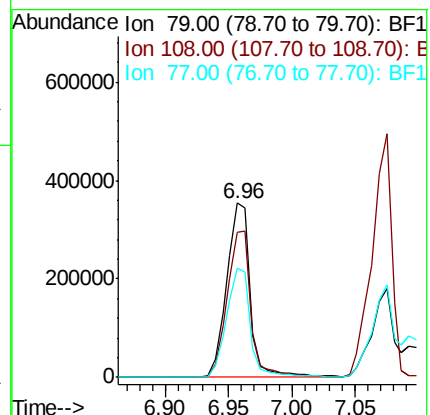
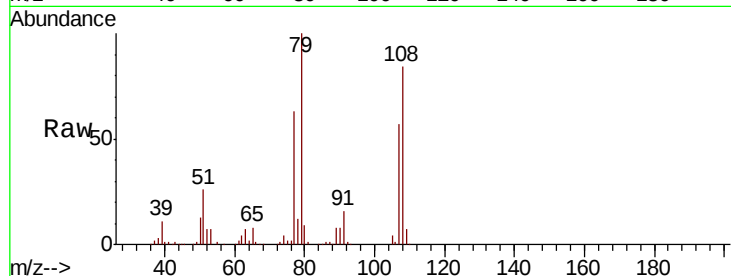
Tot Ion: 79 Resp: 457947

Ion Ratio Lower Upper

79 100

108 83.6 67.0 100.6

77 62.8 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.390 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

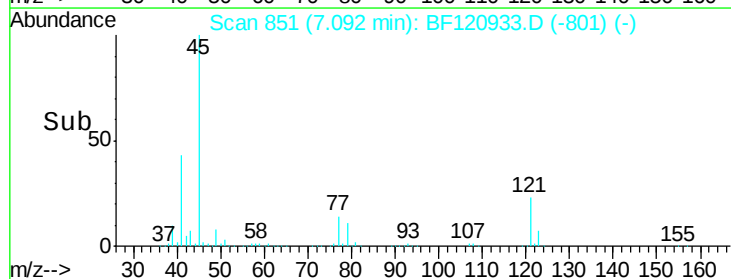
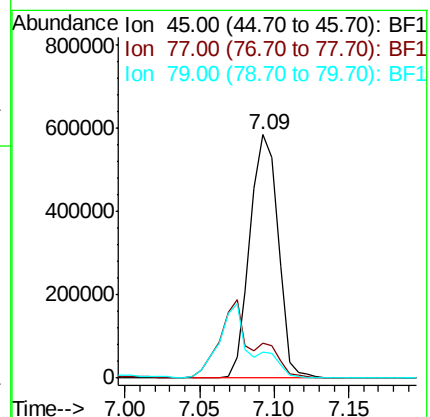
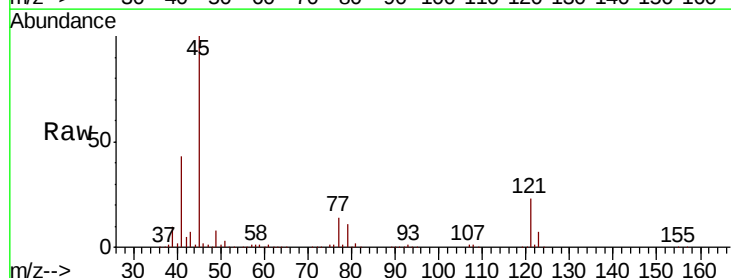
Tgt Ion: 45 Resp: 763522

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.3

79 10.8 0.0 31.0





#17

2-Methylphenol

Concen: 41.040 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:107 Resp: 459829

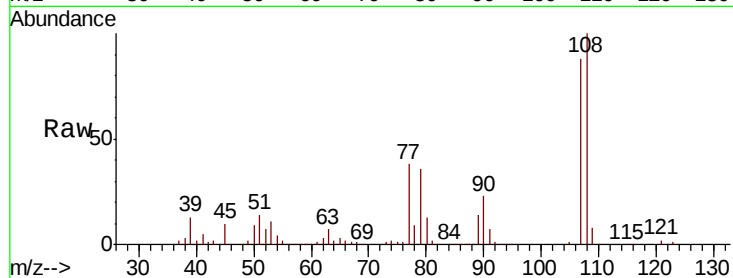
Ion Ratio Lower Upper

107 100

108 113.9 92.0 138.0

77 43.1 34.0 51.0

79 41.4 33.3 49.9

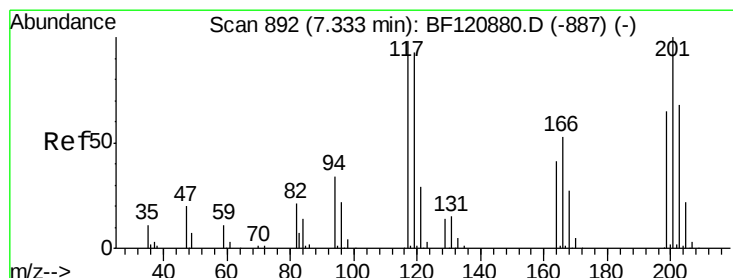
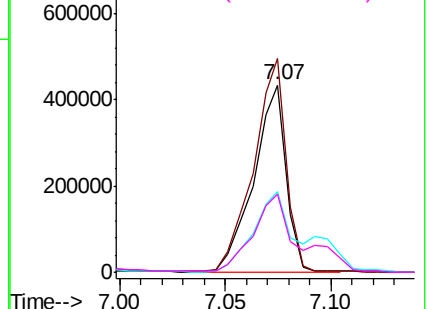
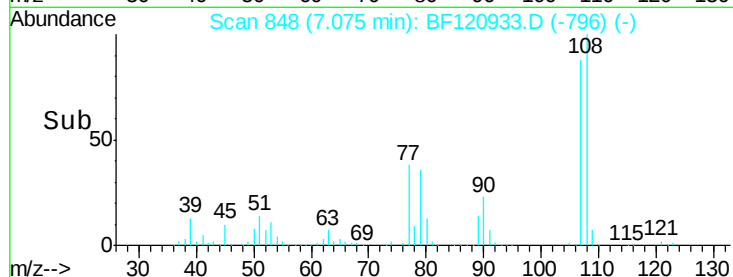


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.806 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

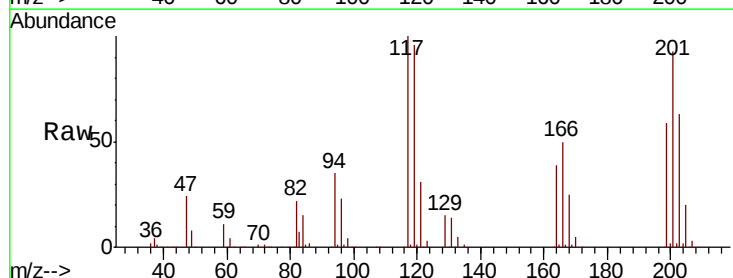
Tgt Ion:117 Resp: 221050

Ion Ratio Lower Upper

117 100

119 96.2 76.0 114.0

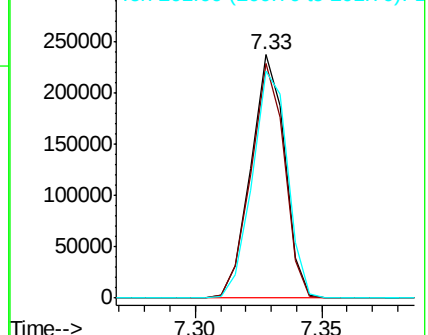
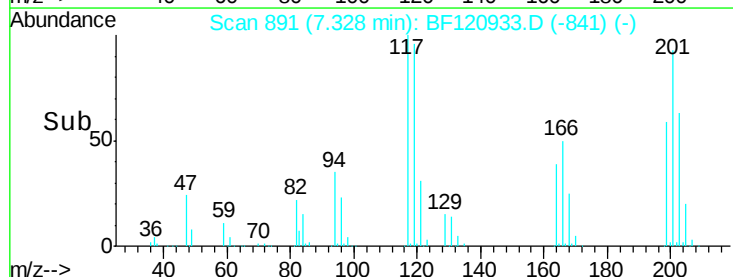
201 93.4 81.7 122.5

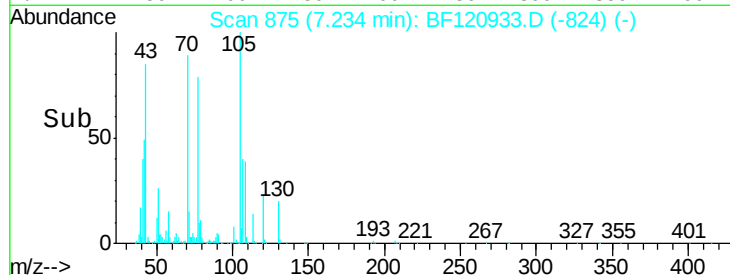
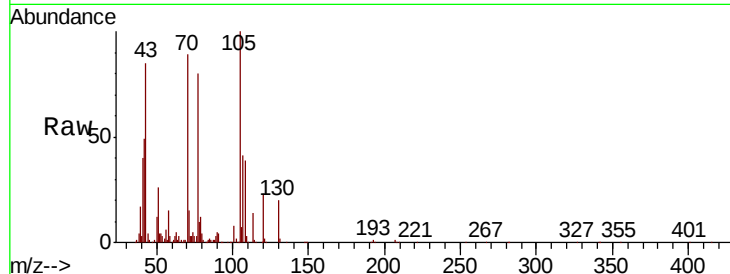


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

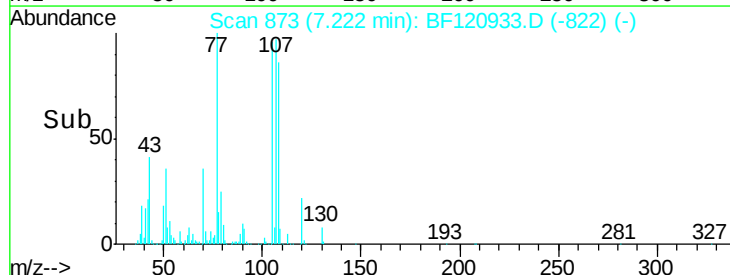
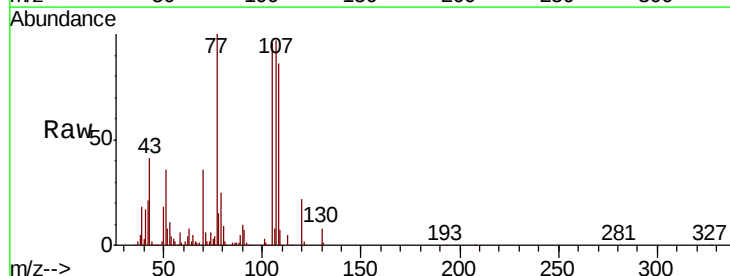
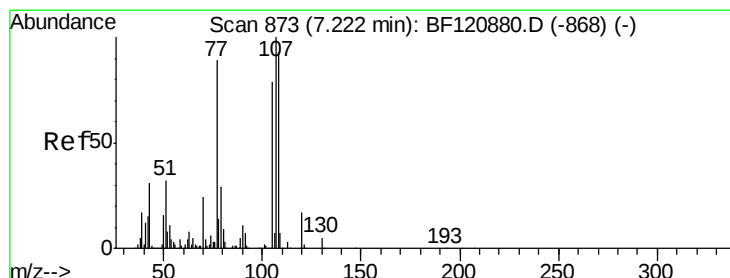
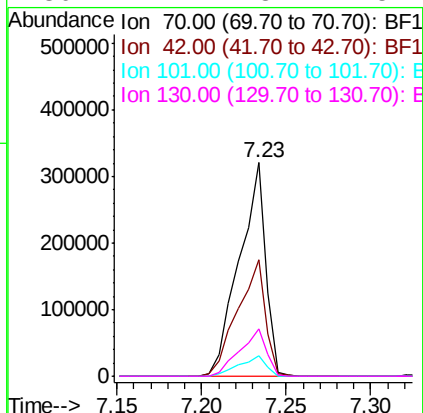




#19
n-Nitroso-di-n-propylamine
Concen: 41.740 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

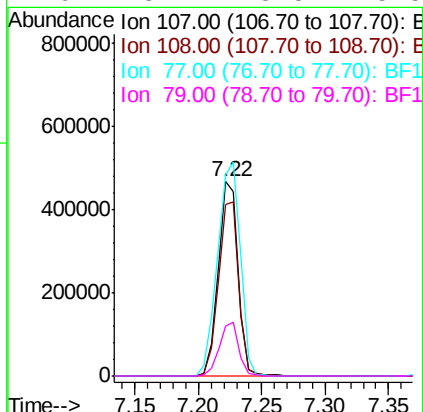
Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

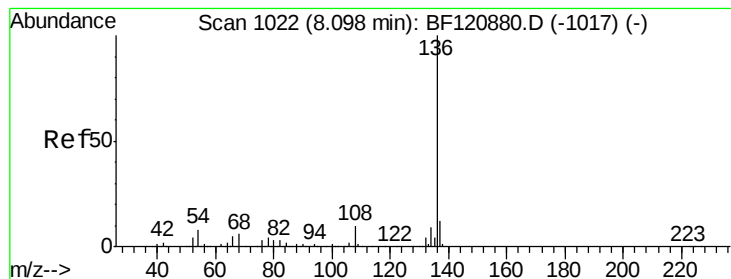
Tot Ion:	70	Resp:	351824
Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.0	66.0
101	9.5	7.8	11.6
130	22.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.926 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:	107	Resp:	512055
Ion	Ratio	Lower	Upper
107	100		
108	88.4	72.8	112.8
77	103.1	68.7	108.7
79	25.7	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:136 Resp: 734149

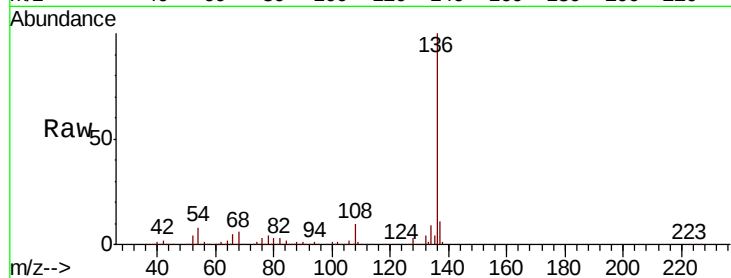
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.7 6.3 9.5

68 6.1 5.0 7.4

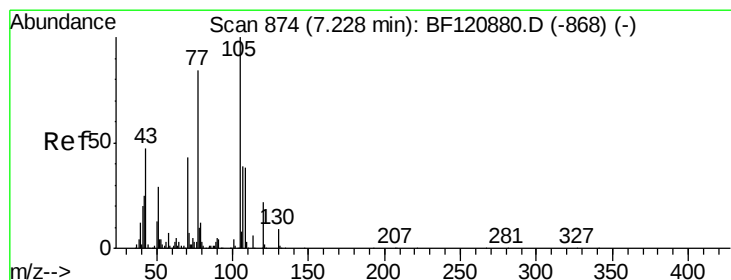
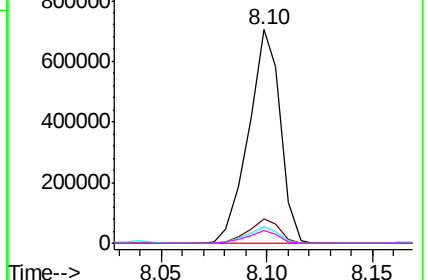
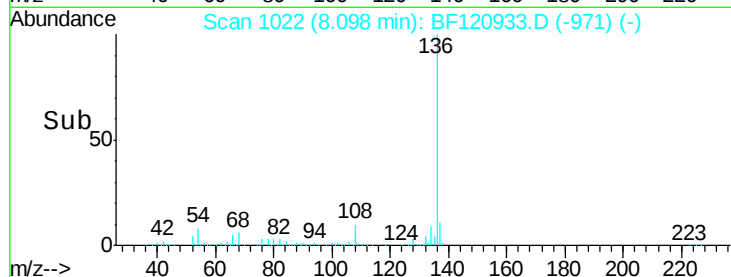


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.112 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:105 Resp: 677378

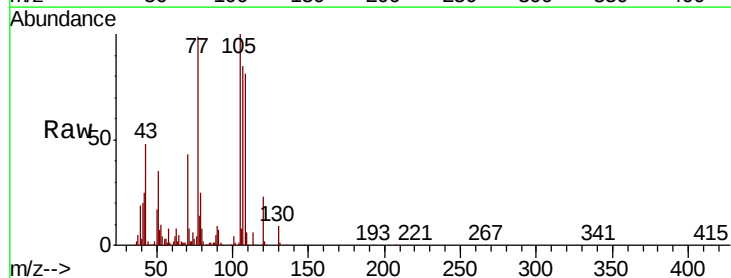
Ion Ratio Lower Upper

105 100

71 7.5 5.7 8.5

51 34.5 22.9 34.3#

120 22.6 18.0 27.0

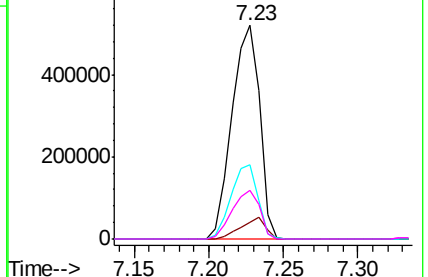
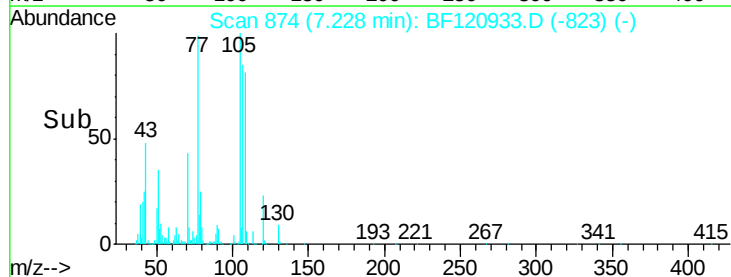


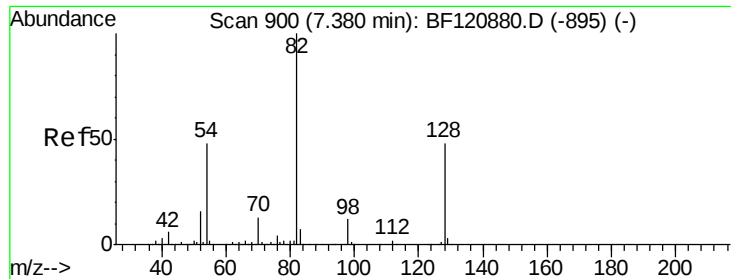
Abundance Ion 105.00 (104.70 to 105.70): E

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

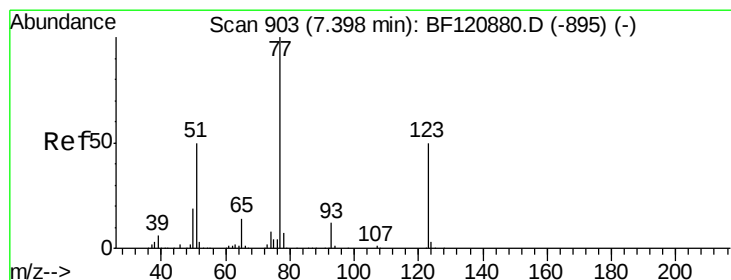
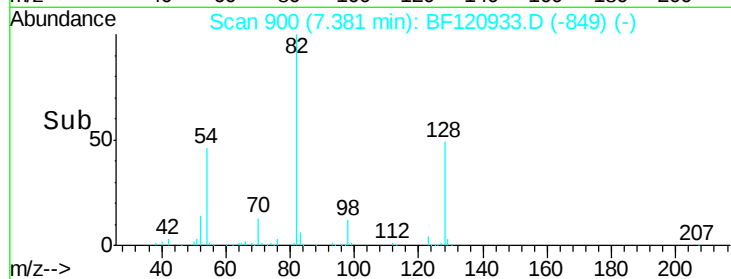
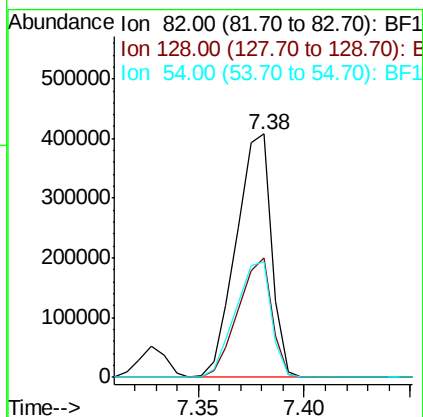
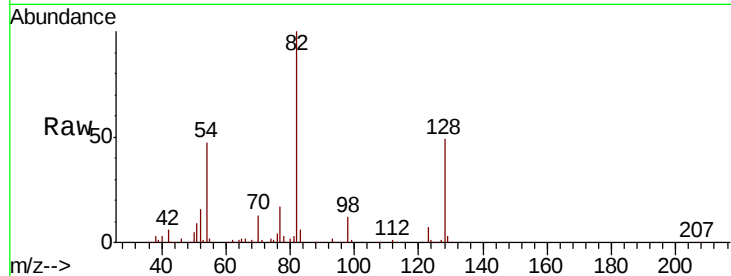




#23
 Nitrobenzene-d5
 Concen: 37.245 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

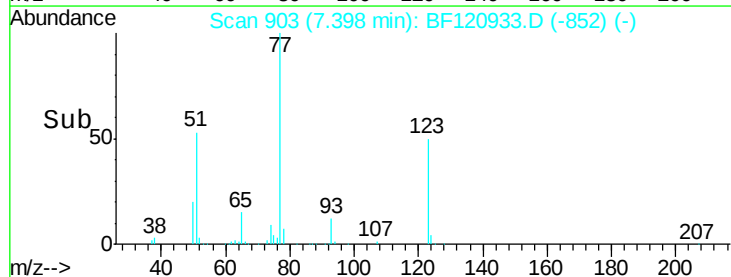
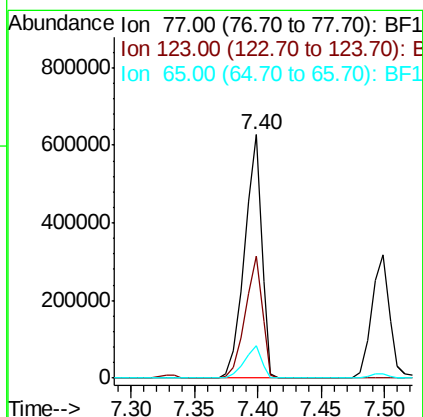
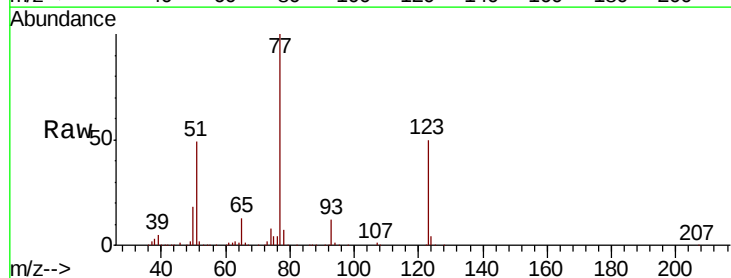
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

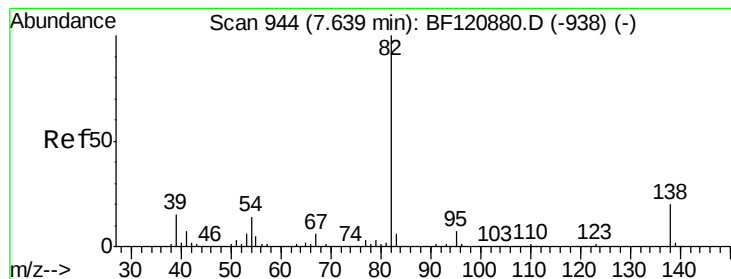
Tot Ion	82	Resp	472555
Ion Ratio	100	Lower	Upper
128	49.2	38.2	57.4
54	47.4	38.7	58.1



#24
 Nitrobenzene
 Concen: 42.581 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	77	Resp	582284
Ion Ratio	100	Lower	Upper
123	50.1	40.1	60.1
65	13.3	10.8	16.2





#25

Isophorone

Concen: 42.698 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

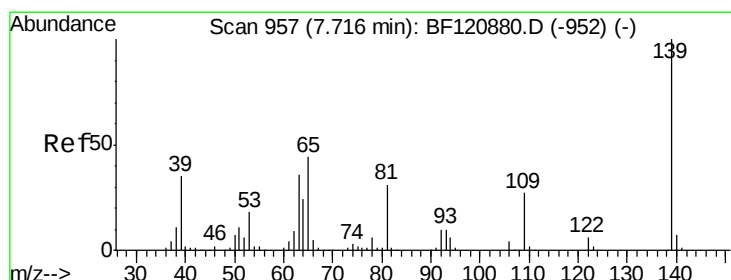
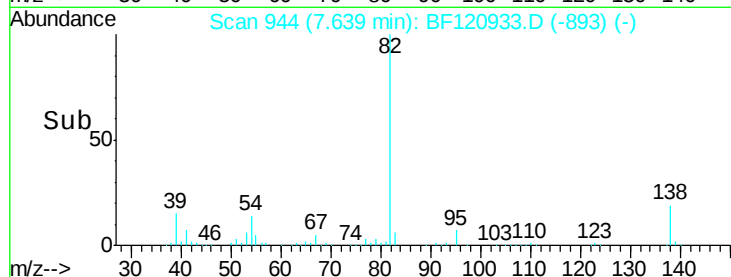
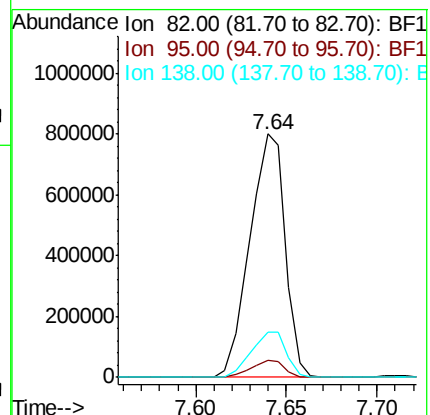
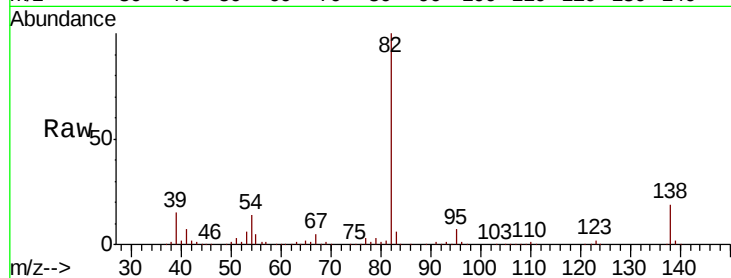
Tot Ion: 82 Resp: 1081188

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.6 15.6 23.4



#26

2-Nitrophenol

Concen: 47.817 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

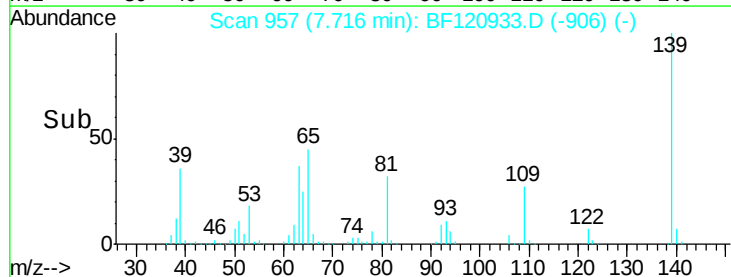
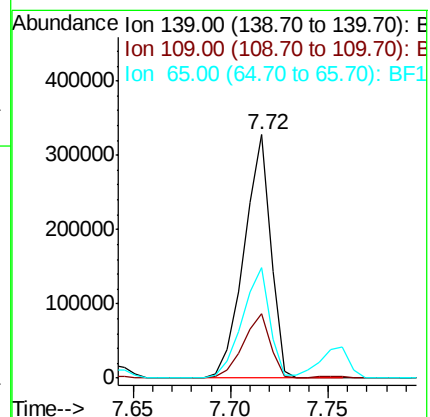
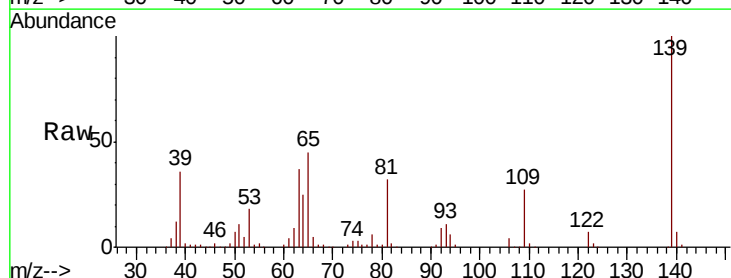
Tgt Ion: 139 Resp: 310556

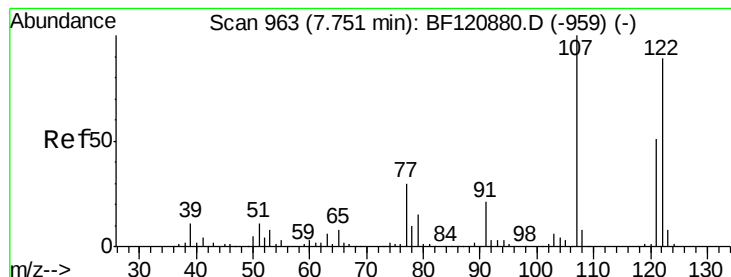
Ion Ratio Lower Upper

139 100

109 26.7 21.6 32.4

65 45.3 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 46.261 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

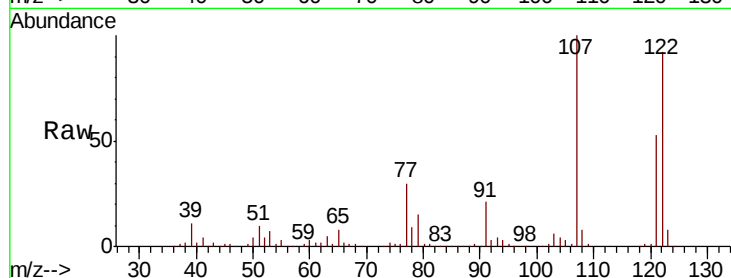
Tot Ion:122 Resp: 487804

Ion Ratio Lower Upper

122 100

107 108.4 89.4 134.0

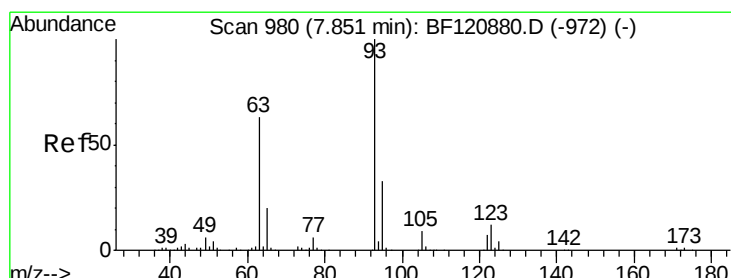
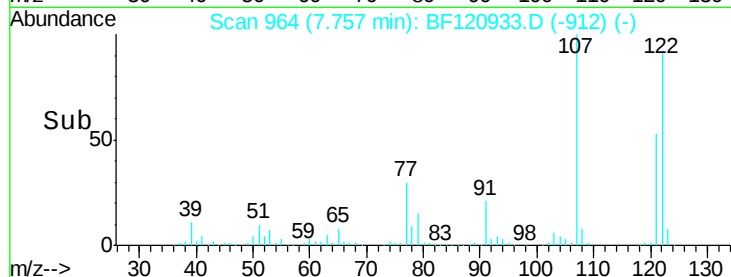
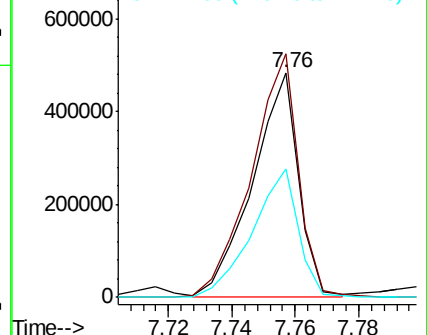
121 57.5 46.0 69.0



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: 44.590 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

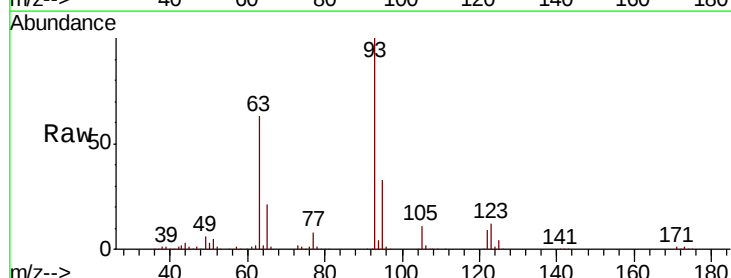
Tgt Ion: 93 Resp: 689218

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

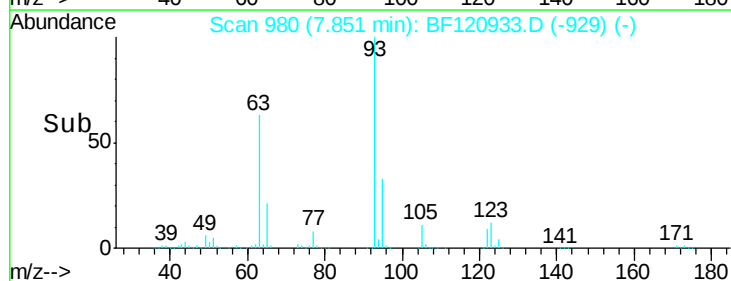
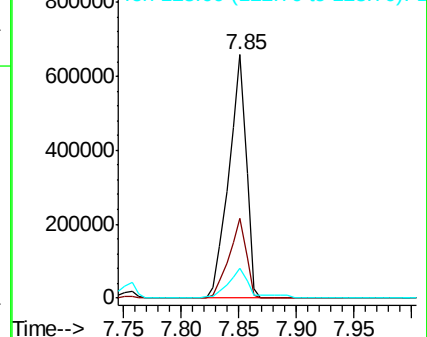
123 12.4 10.0 15.0



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

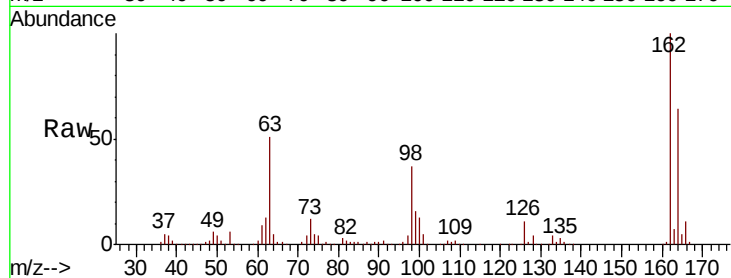




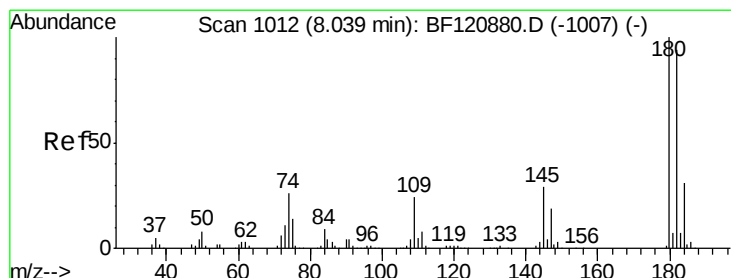
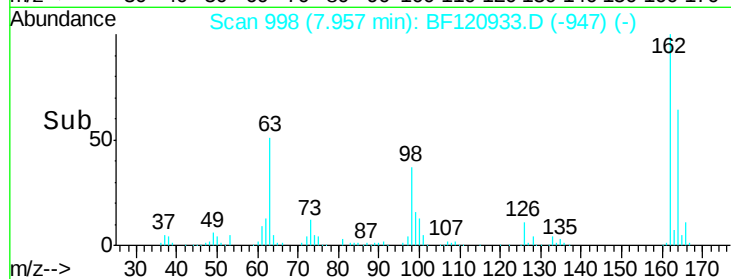
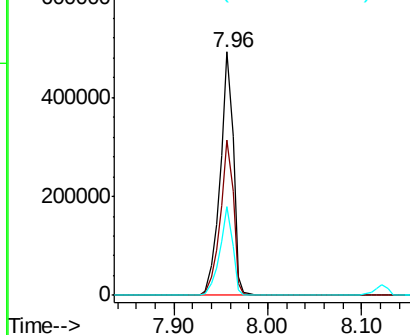
#29
2,4-Dichlorophenol
Concen: 44.841 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	36.5	13.3	53.3

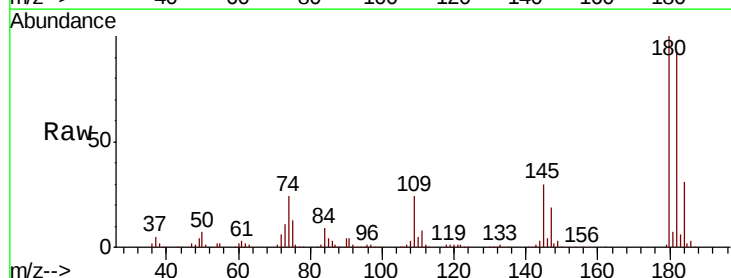


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

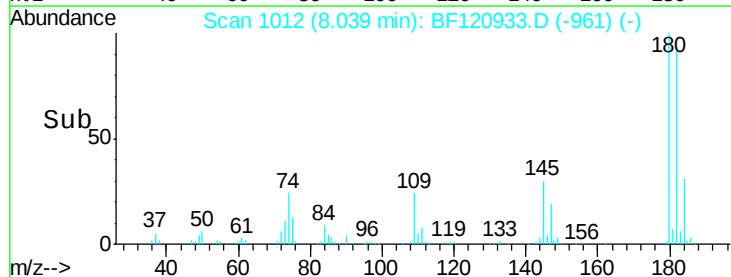
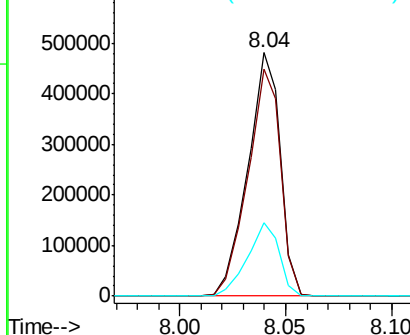


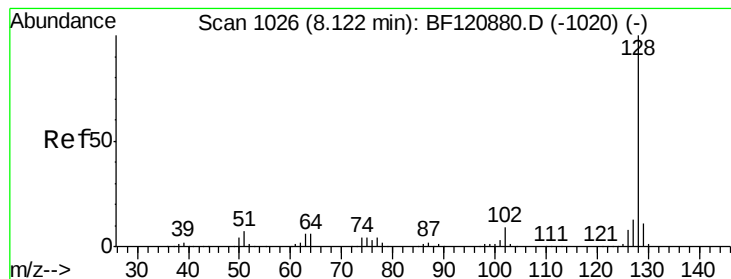
#30
1,2,4-Trichlorobenzene
Concen: 42.927 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.0	112.6
145	29.9	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: 42.233 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

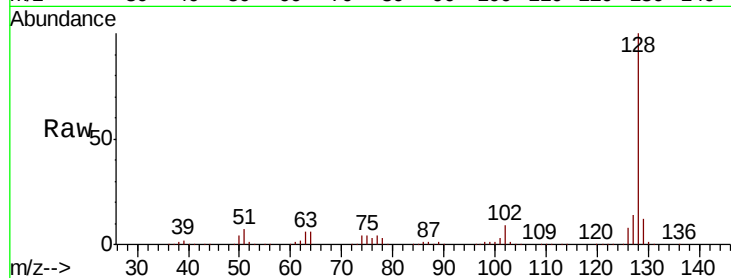
Tot Ion:128 Resp: 1590436

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

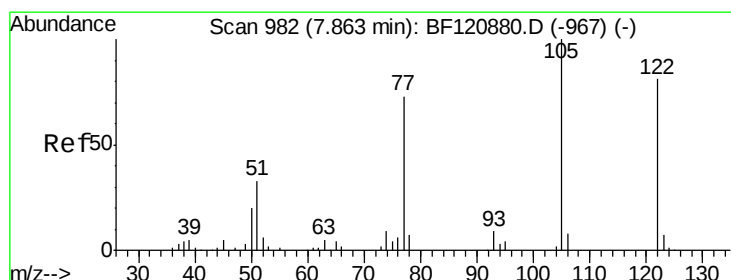
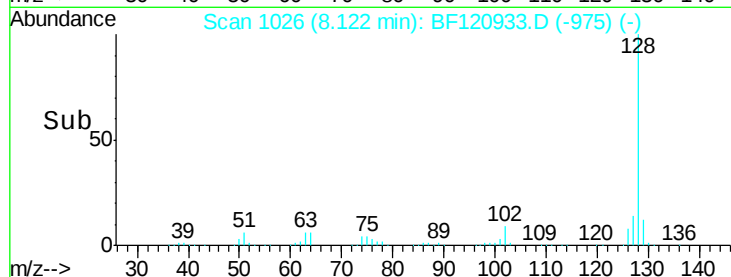
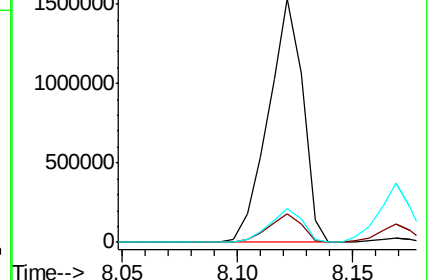
127 13.6 10.7 16.1



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: 48.376 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

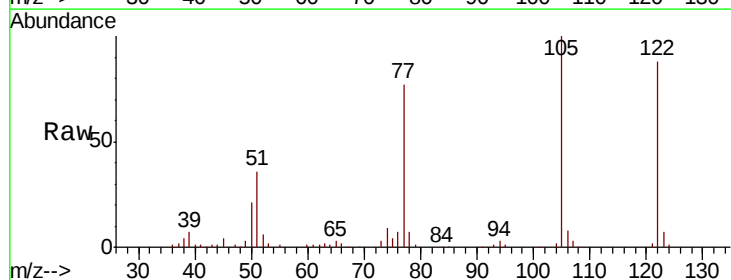
Tgt Ion:122 Resp: 382922

Ion Ratio Lower Upper

122 100

105 113.9 101.3 141.3

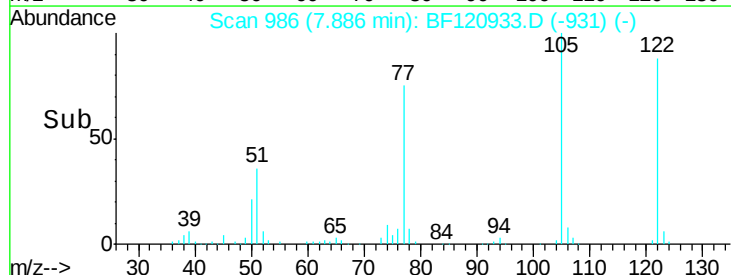
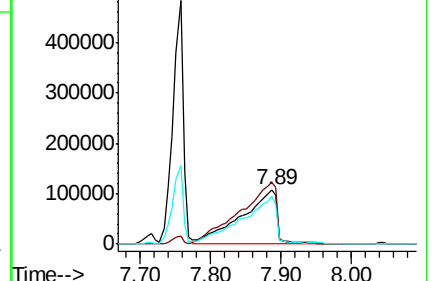
77 87.4 69.1 109.1

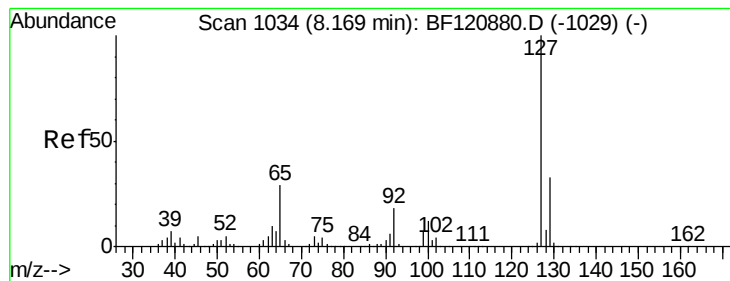


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 22.520 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:127 Resp: 378324

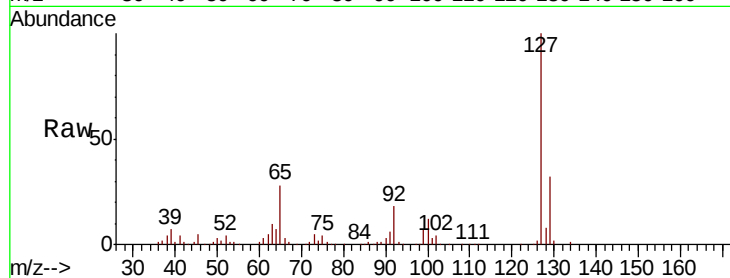
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 27.6 23.0 34.4

92 17.9 14.5 21.7

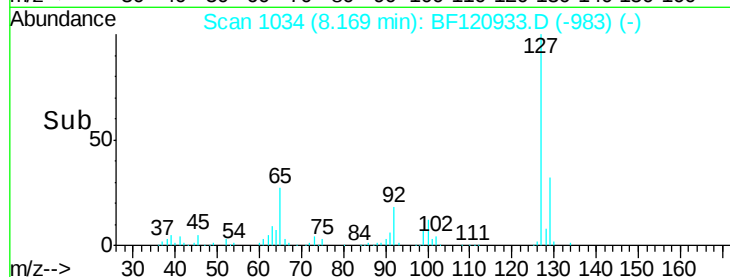


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

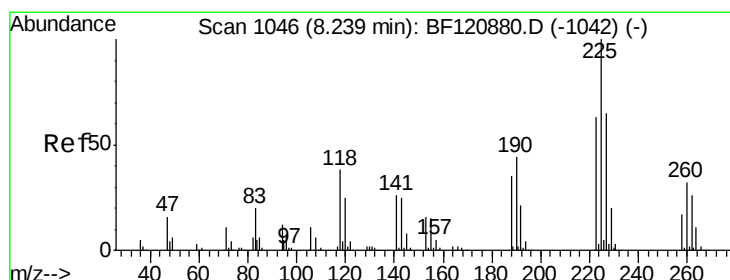
Ion 92.00 (91.70 to 92.70): BF1



Abundance

8.17

Time-->



#34

Hexachlorobutadiene

Concen: 41.608 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

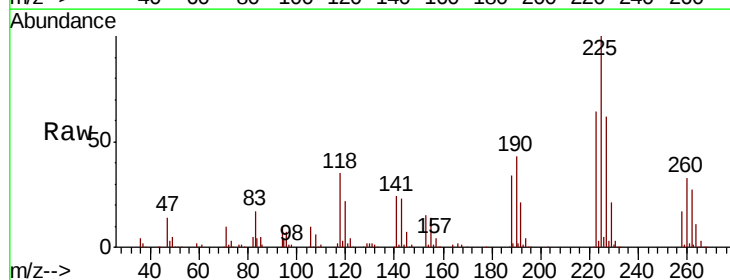
Tgt Ion:225 Resp: 293226

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

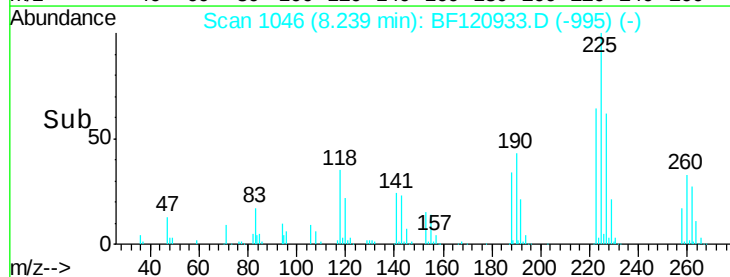
227 62.4 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

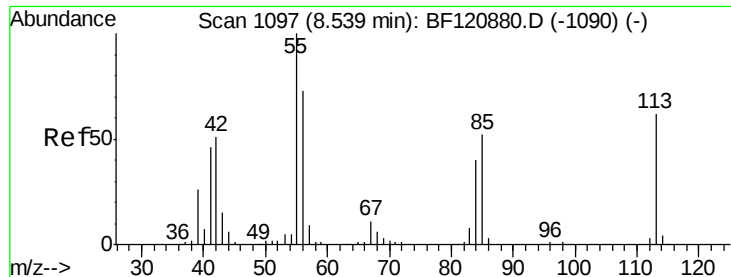
Ion 227.00 (226.70 to 227.70): E



Abundance

8.24

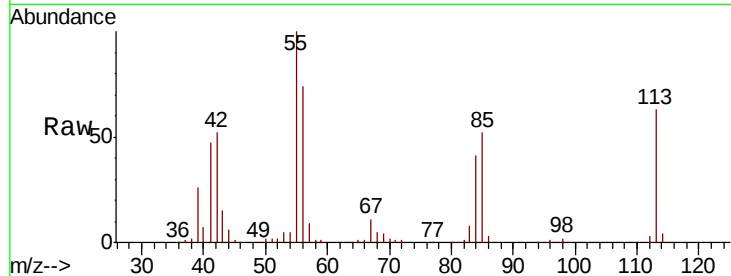
Time-->



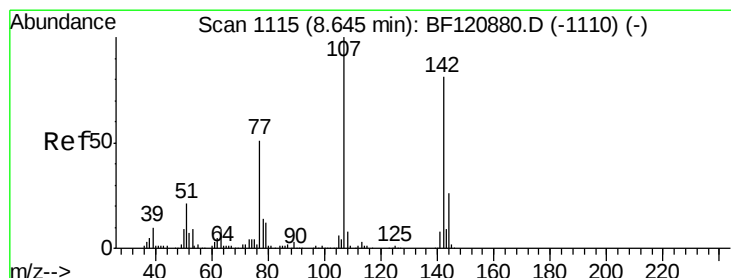
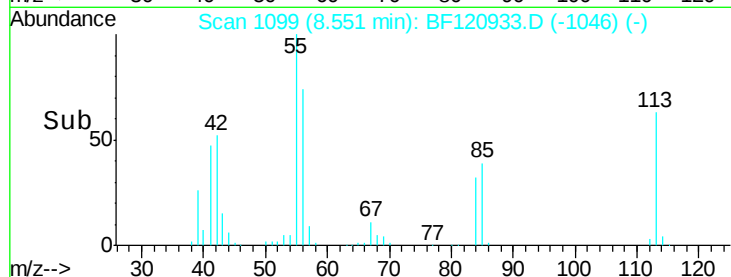
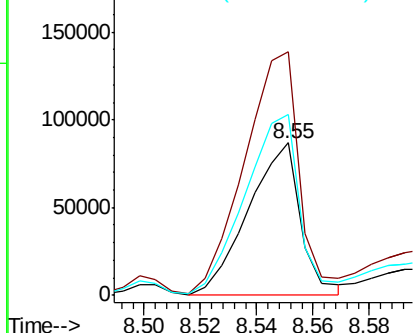
#35
 Caprolactam
 Concen: 32.391 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:113 Resp: 111926
 Ion Ratio Lower Upper
 113 100
 55 159.9 143.3 183.3
 56 118.6 99.4 139.4

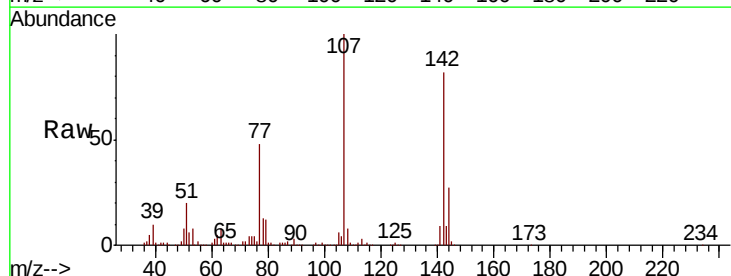


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

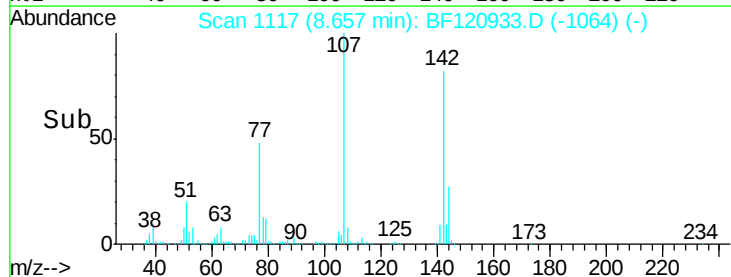
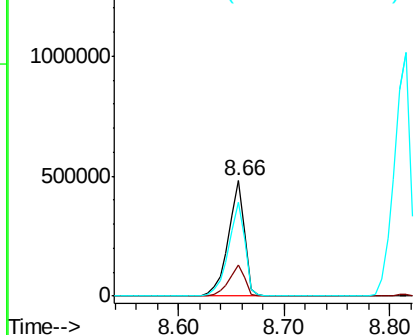


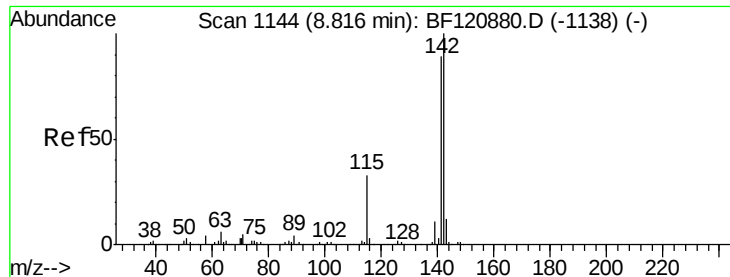
#36
 4-Chloro-3-methylphenol
 Concen: 46.030 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:107 Resp: 508670
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.6
 142 81.9 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

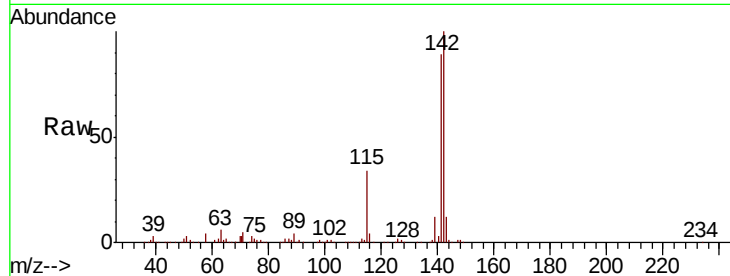




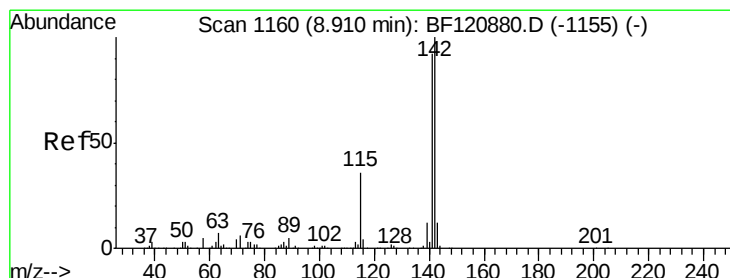
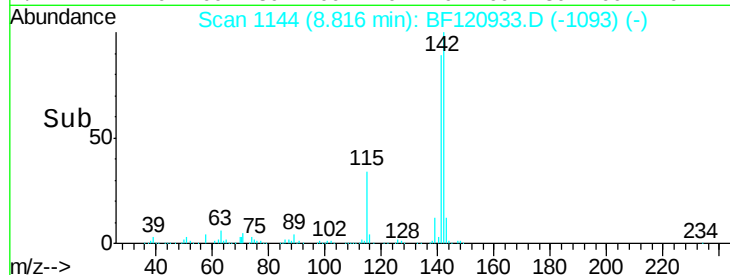
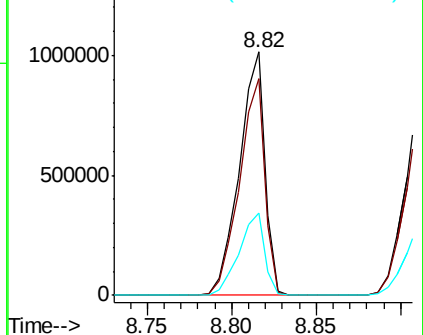
#37
2-Methylnaphthalene
Concen: 43.773 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:142 Resp: 1070334
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4
115 33.6 26.0 39.0

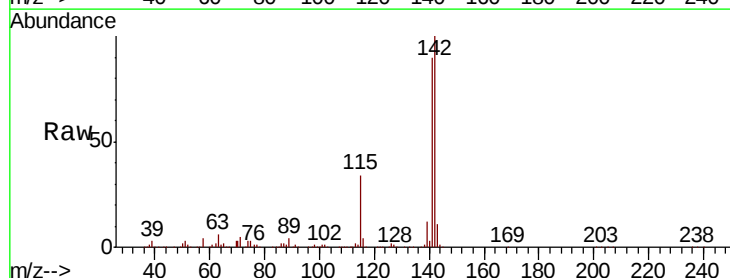


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

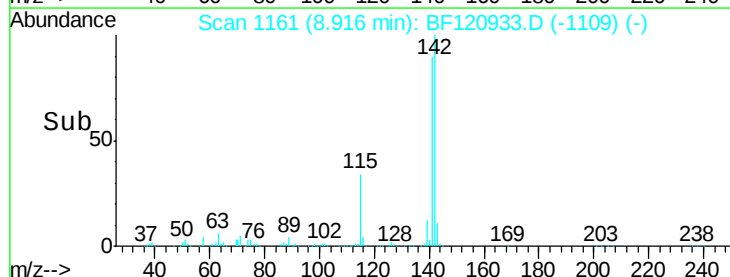
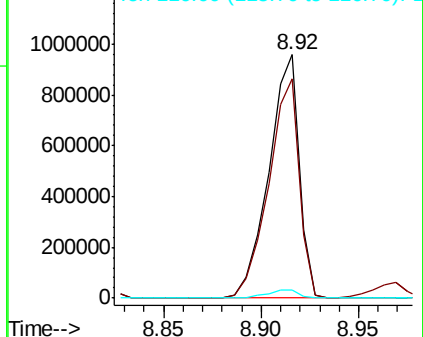


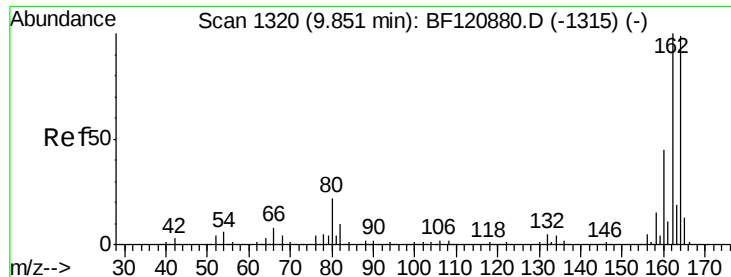
#38
1-Methylnaphthalene
Concen: 44.516 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:142 Resp: 1030915
Ion Ratio Lower Upper
142 100
141 89.8 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: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

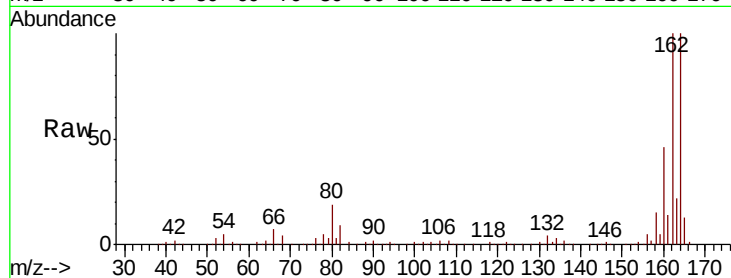
Tot Ion:164 Resp: 393656

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

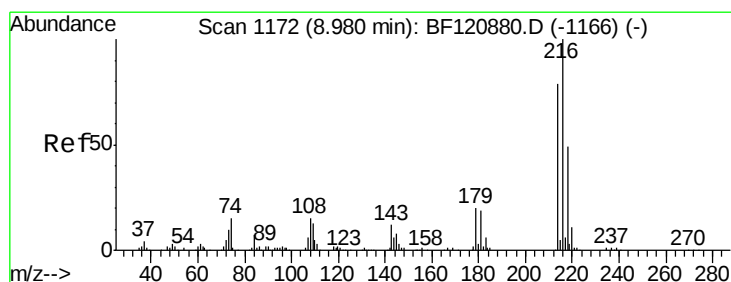
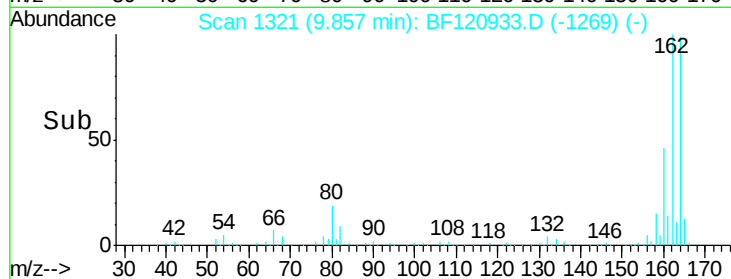
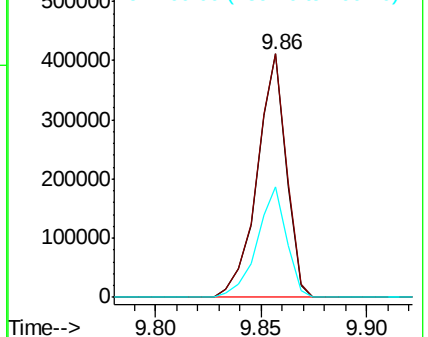
160 45.6 36.9 55.3



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: 40.223 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:216 Resp: 461334

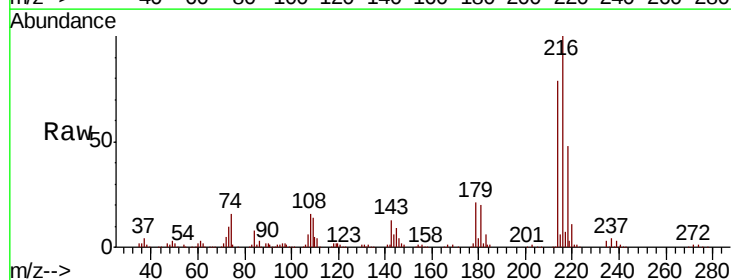
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 20.6 16.6 24.8

108 20.6 15.4 23.0

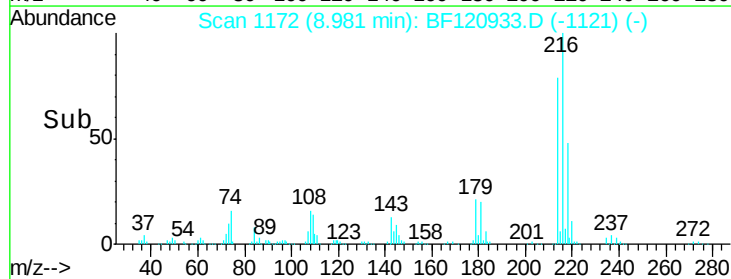
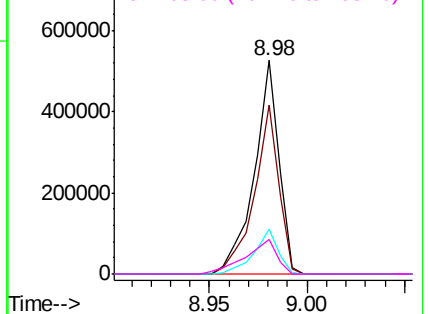


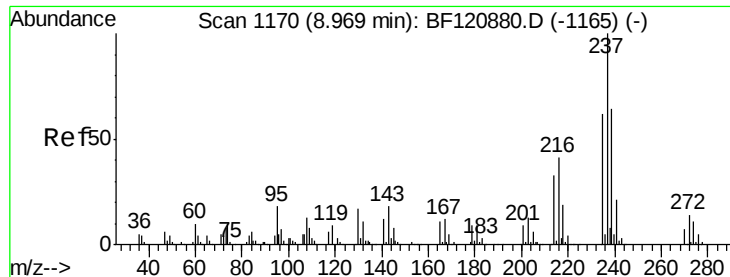
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.216 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

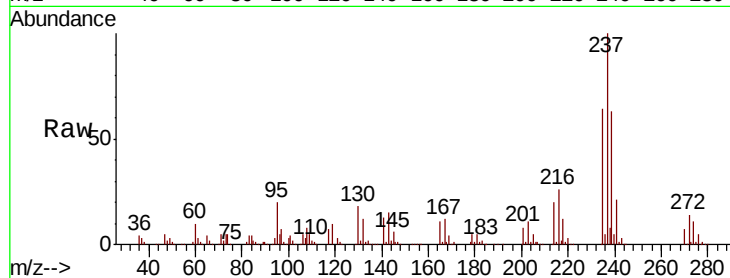
Tot Ion:237 Resp: 559195

Ion Ratio Lower Upper

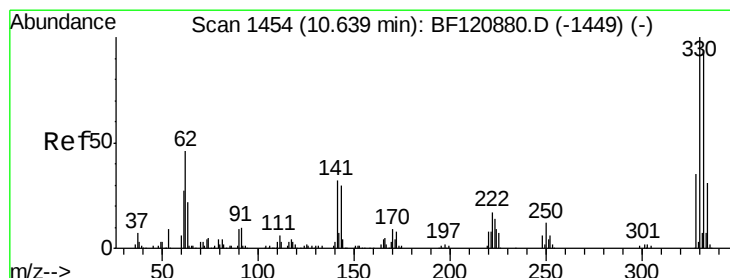
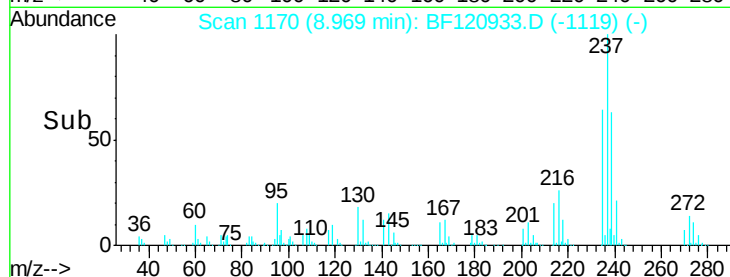
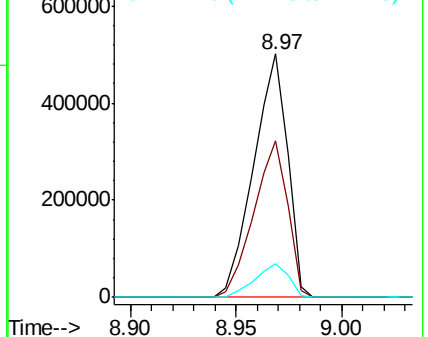
237 100

235 64.1 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: 56.336 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

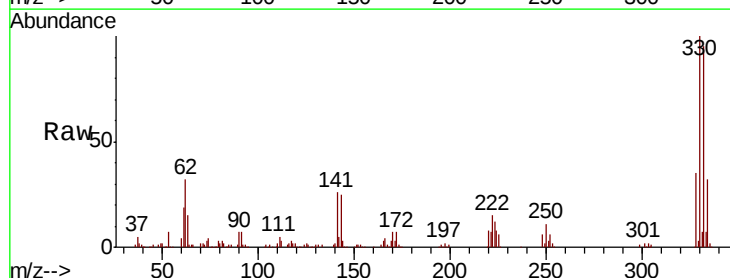
Tgt Ion:330 Resp: 242749

Ion Ratio Lower Upper

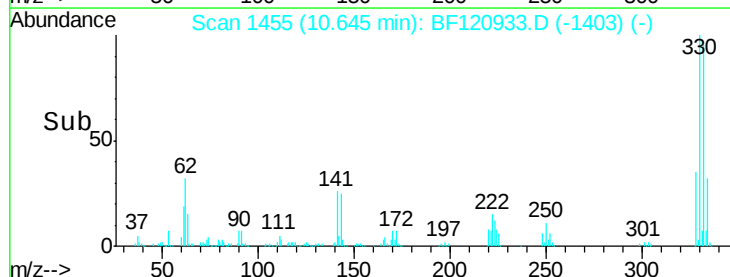
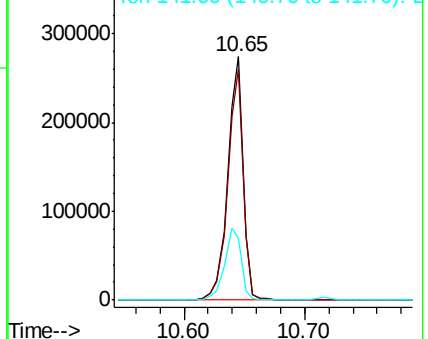
330 100

332 95.1 75.5 113.3

141 31.8 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

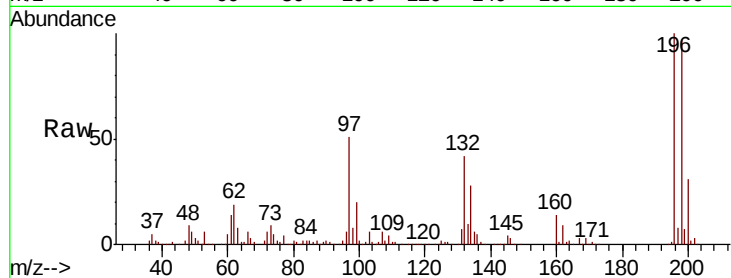




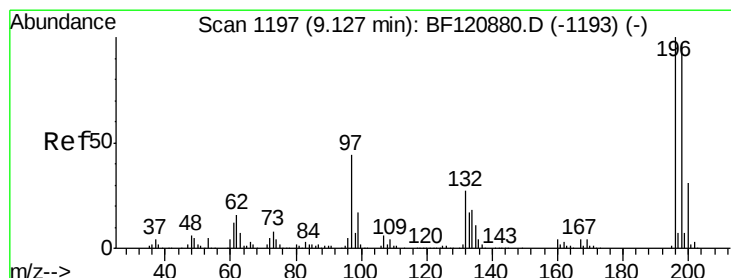
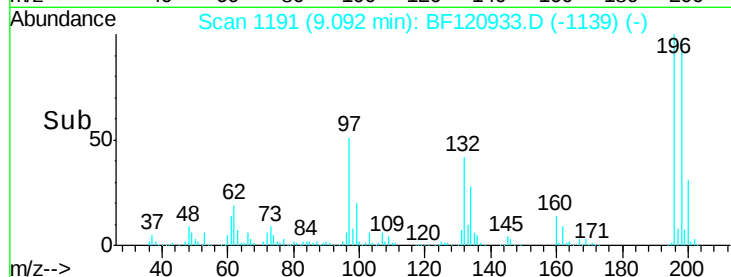
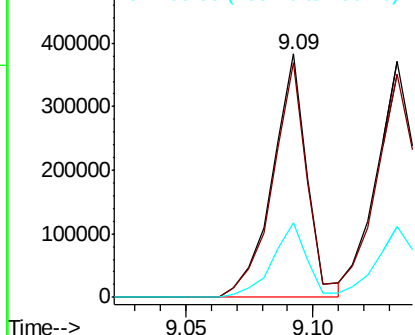
#43
 2,4,6-Trichlorophenol
 Concen: 45.232 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:196 Resp: 365273
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 200 30.9 24.4 36.6



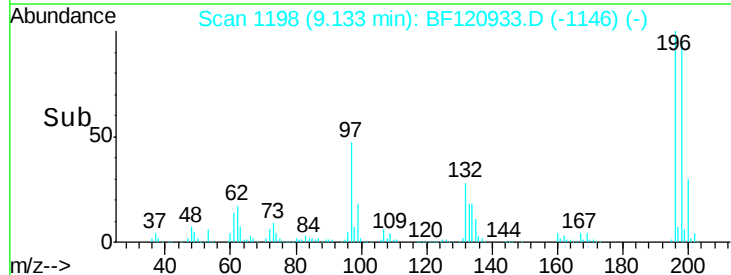
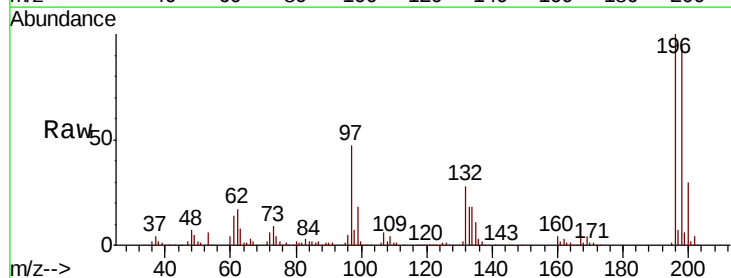
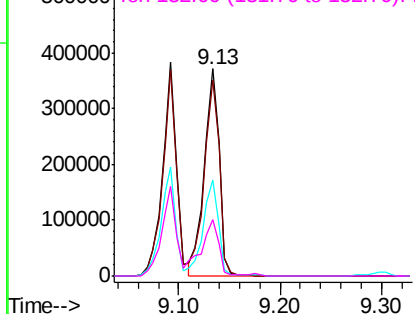
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

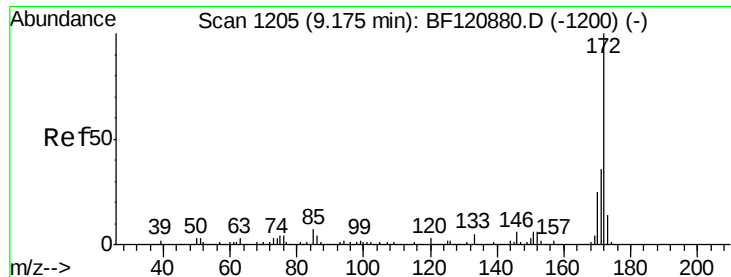


#44
 2,4,5-Trichlorophenol
 Concen: 41.478 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:196 Resp: 379951
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.6 116.4
 97 46.7 35.6 53.4
 132 27.5 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

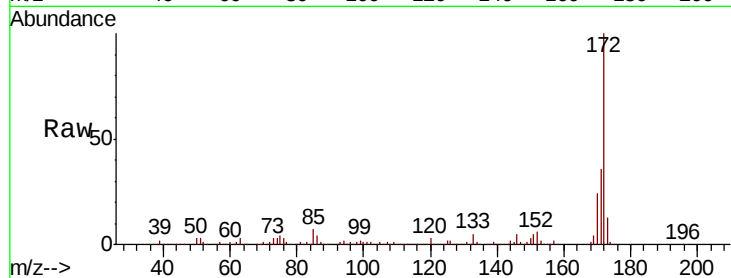




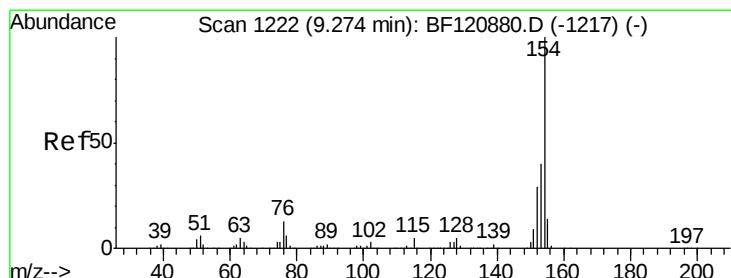
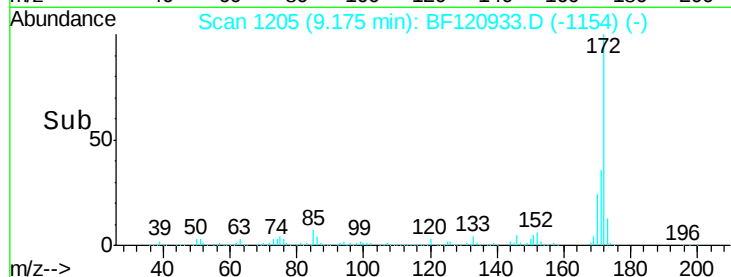
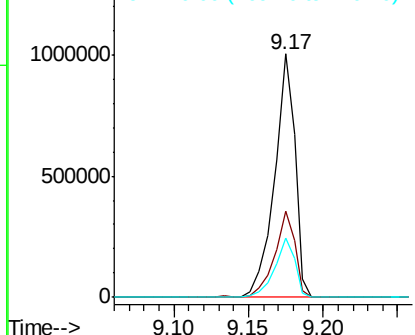
#45
 2-Fluorobiphenyl
 Concen: 36.248 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.4	19.6	29.4

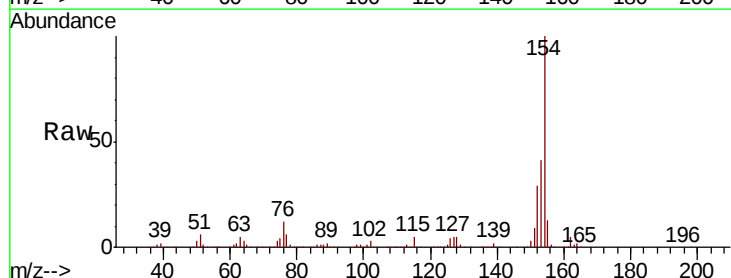


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

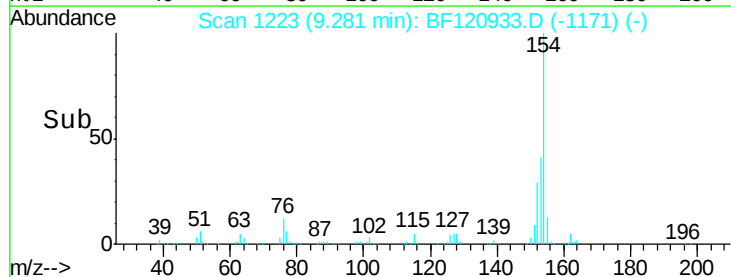
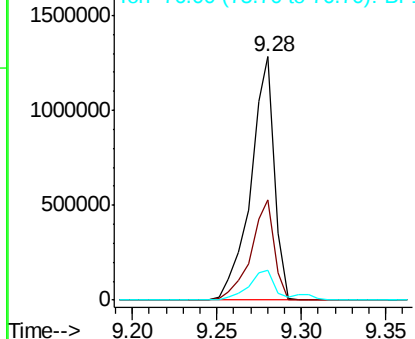


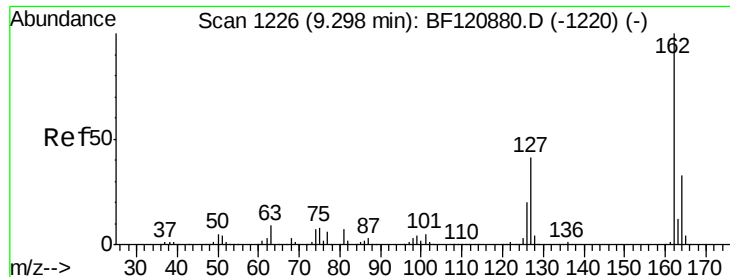
#46
 1,1'-Biphenyl
 Concen: 41.760 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.2	0.0	33.1



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

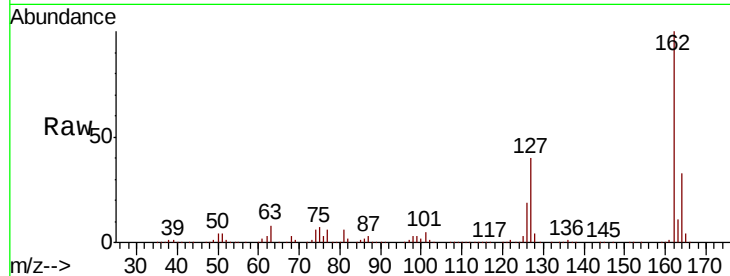




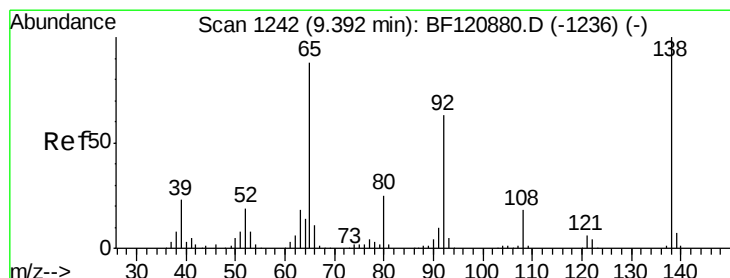
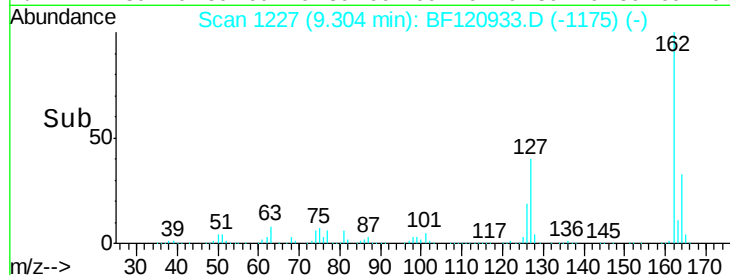
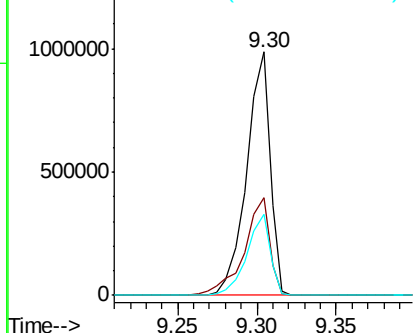
#47
2-Chloronaphthalene
Concen: 41.257 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:162 Resp: 1010044
Ion Ratio Lower Upper
162 100
127 40.0 33.3 49.9
164 33.4 26.6 39.8

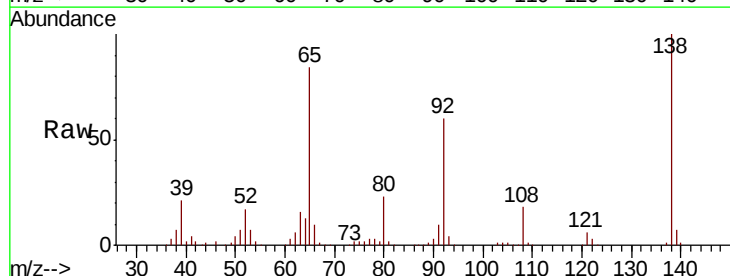


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

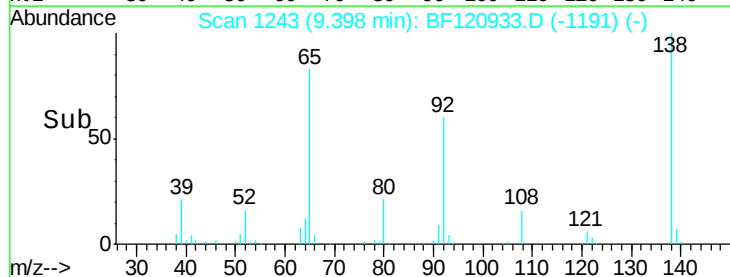
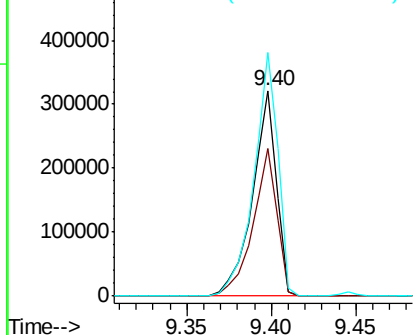


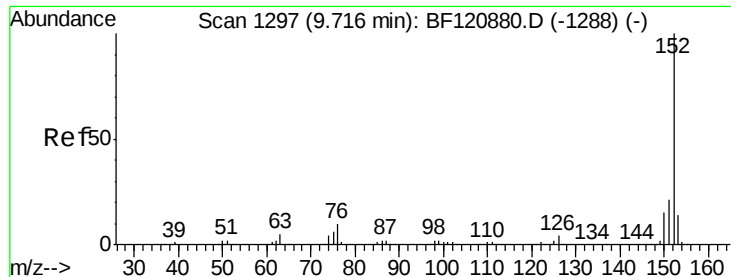
#48
2-Nitroaniline
Concen: 43.339 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion: 65 Resp: 320646
Ion Ratio Lower Upper
65 100
92 71.7 57.0 85.4
138 118.6 90.4 135.6



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





#49

Acenaphthylene

Concen: 41.914 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

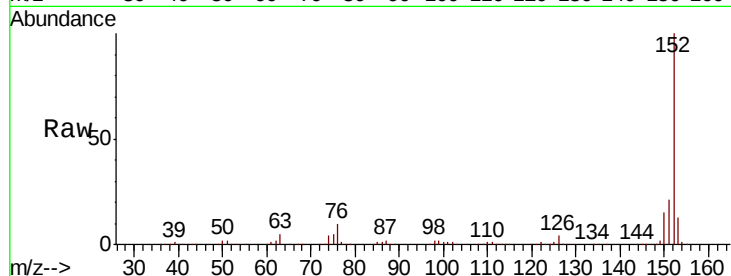
Tot Ion:152 Resp: 1594124

Ion Ratio Lower Upper

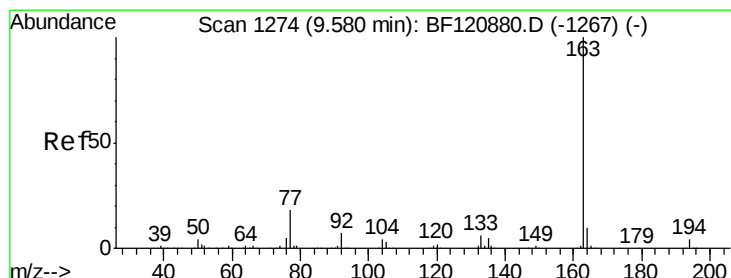
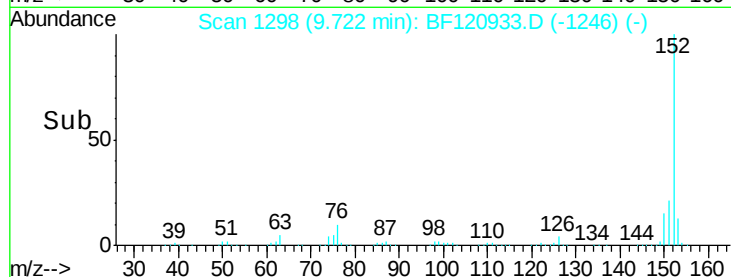
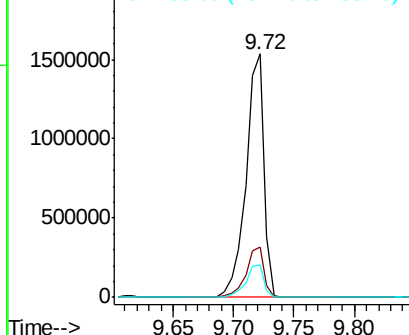
152 100

151 20.8 16.6 25.0

153 13.3 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: 46.950 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

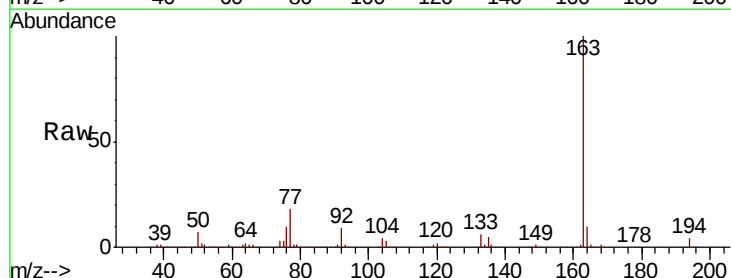
Tgt Ion:163 Resp: 1333372

Ion Ratio Lower Upper

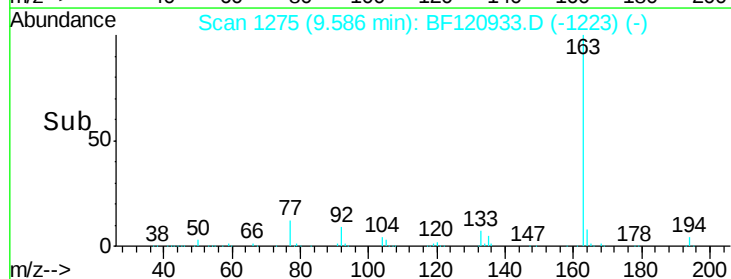
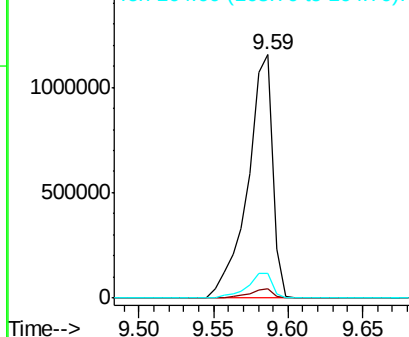
163 100

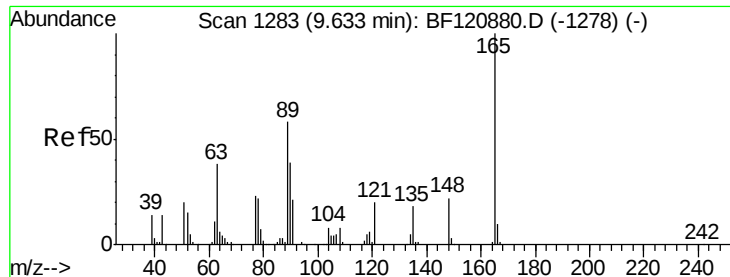
194 4.0 3.2 4.8

164 10.0 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

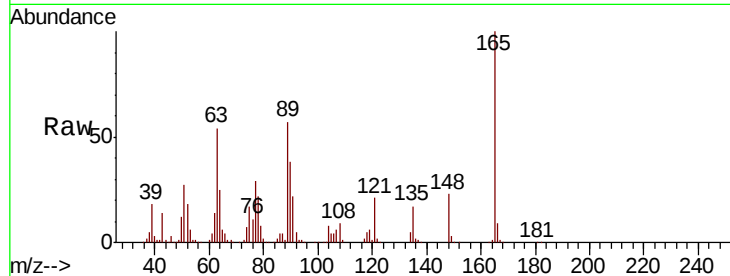




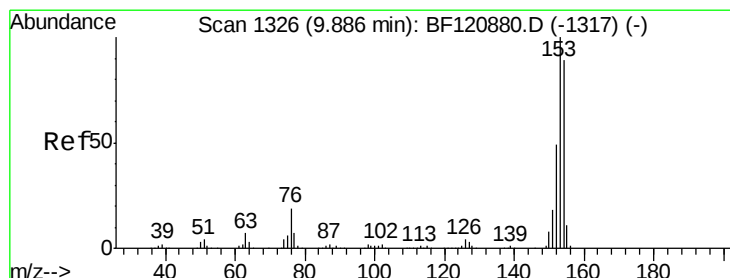
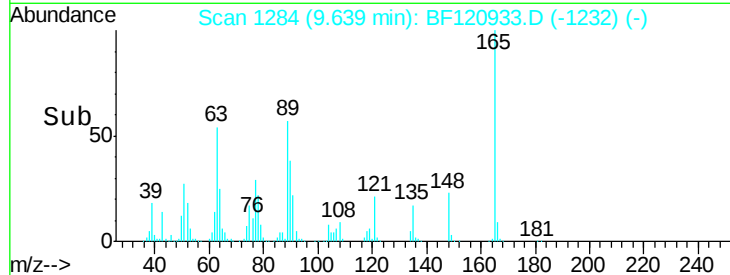
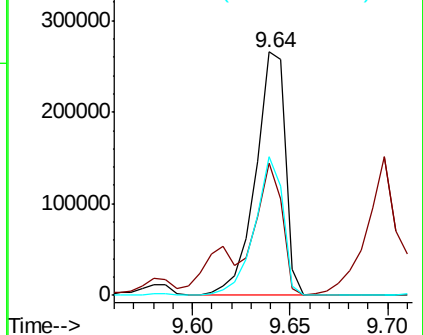
#51
2,6-Dinitrotoluene
Concen: 45.943 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:165 Resp: 280319
Ion Ratio Lower Upper
165 100
63 54.4 45.4 68.2
89 57.1 47.0 70.4

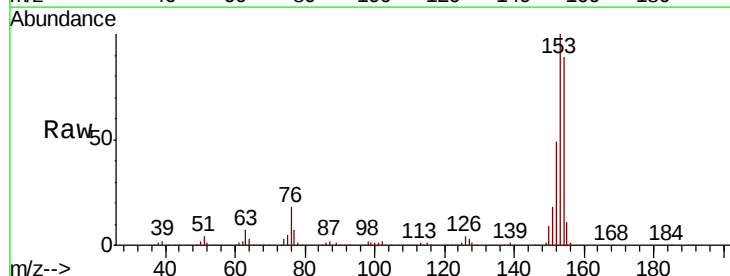


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

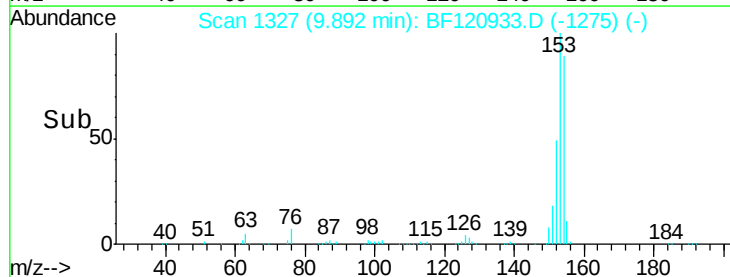
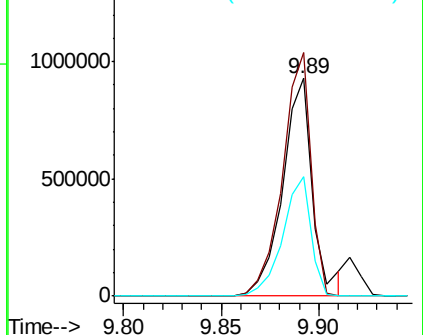


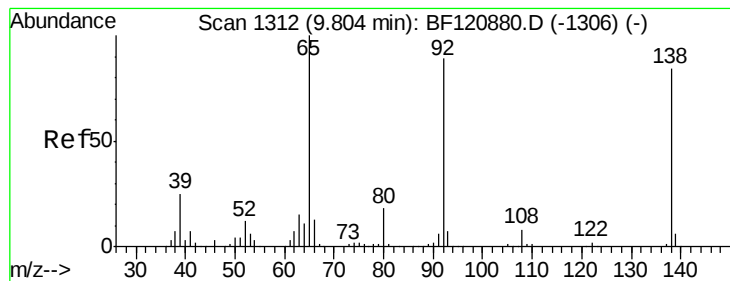
#52
Acenaphthene
Concen: 40.952 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:154 Resp: 990243
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 55.0 44.2 66.2



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





#53

3-Nitroaniline

Concen: 25.360 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

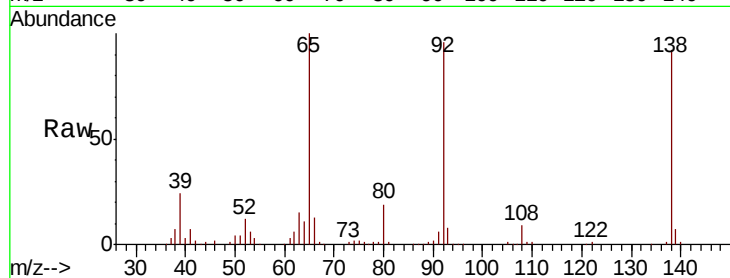
Tot Ion:138 Resp: 194060

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

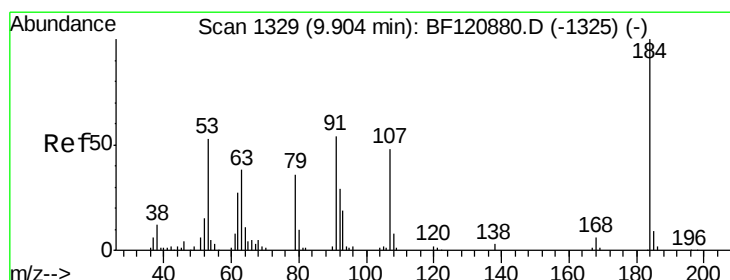
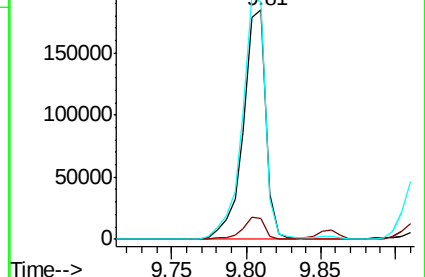
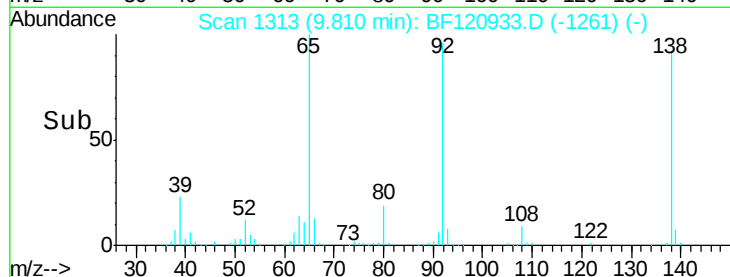
92 103.8 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 75.062 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

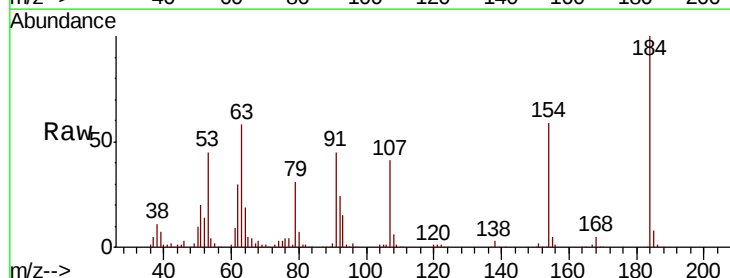
Tgt Ion:184 Resp: 261999

Ion Ratio Lower Upper

184 100

63 58.3 57.9 86.9

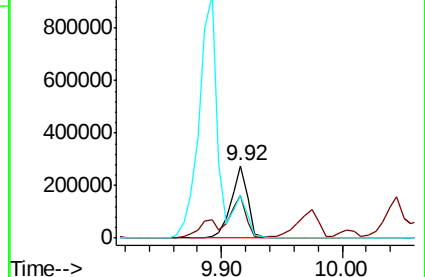
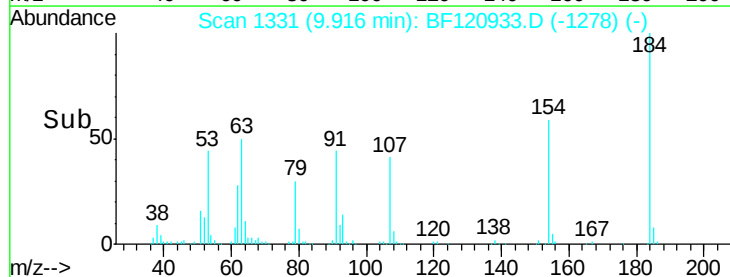
154 59.2 52.6 78.8

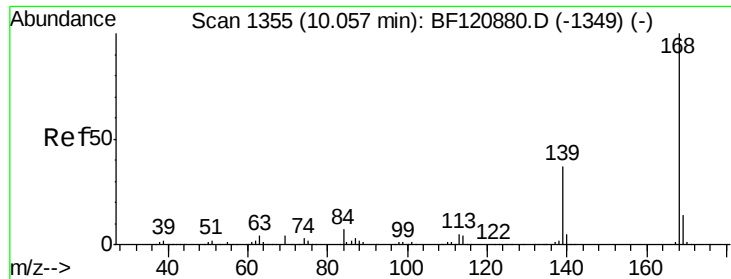


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

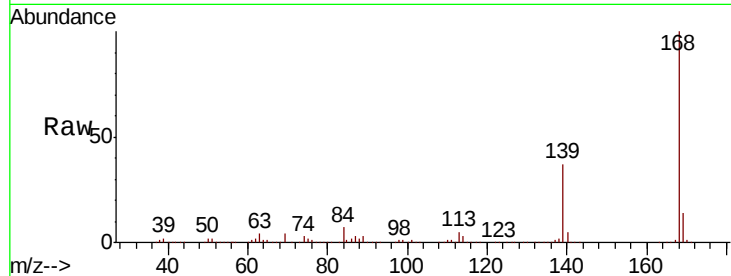




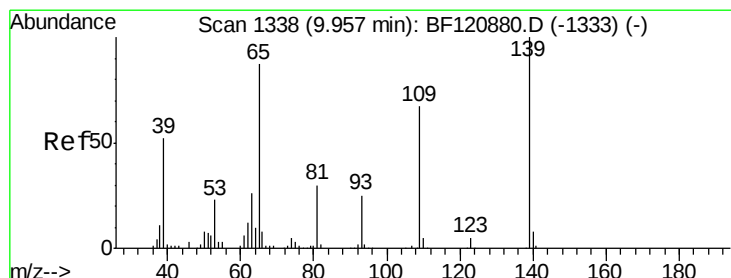
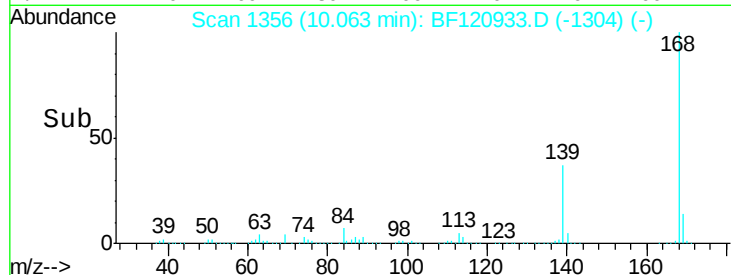
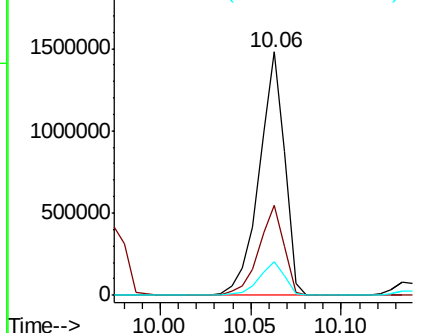
#55
Dibenzenofuran
Concen: 41.138 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:168 Resp: 1438474
Ion Ratio Lower Upper
168 100
139 36.8 29.7 44.5
169 13.9 11.1 16.7

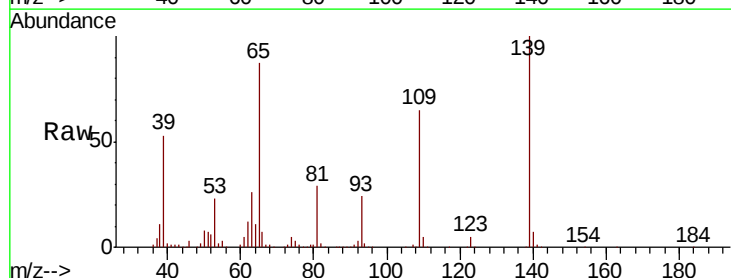


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

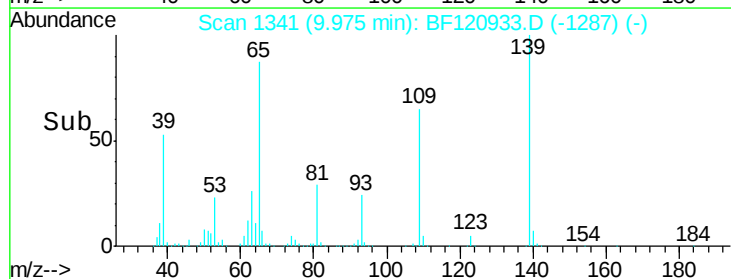
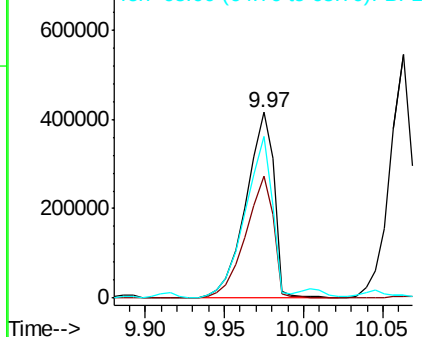


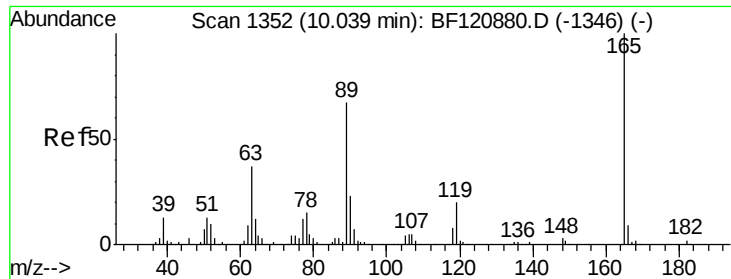
#56
4-Nitrophenol
Concen: 88.590 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:139 Resp: 514966
Ion Ratio Lower Upper
139 100
109 65.5 47.3 87.3
65 87.2 67.2 107.2



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

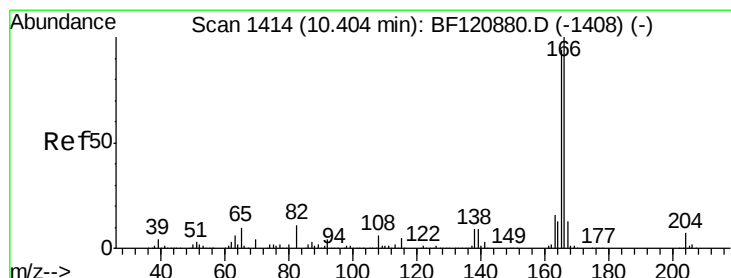
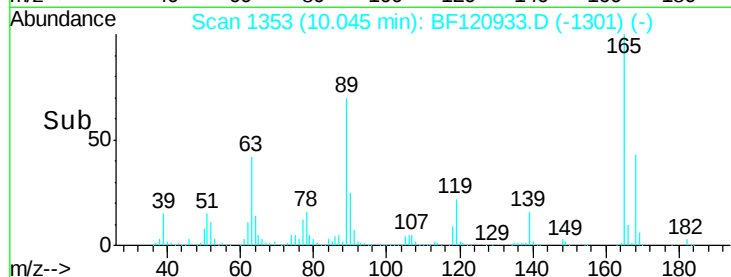
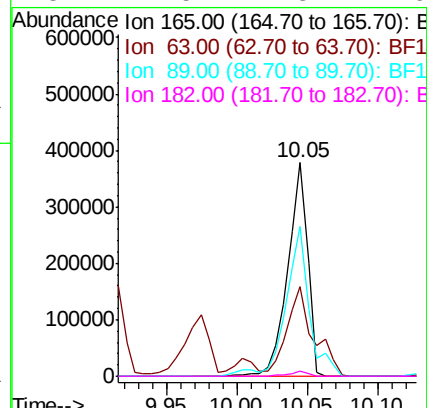
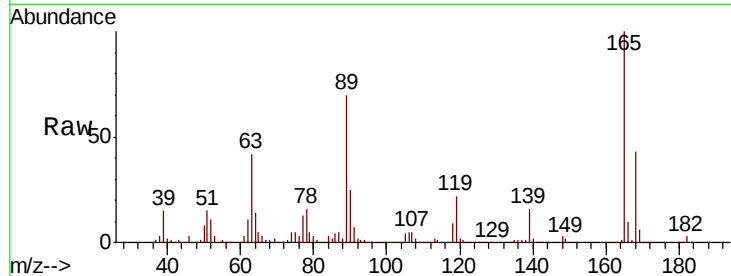




#57
2,4-Dinitrotoluene
Concen: 46.508 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

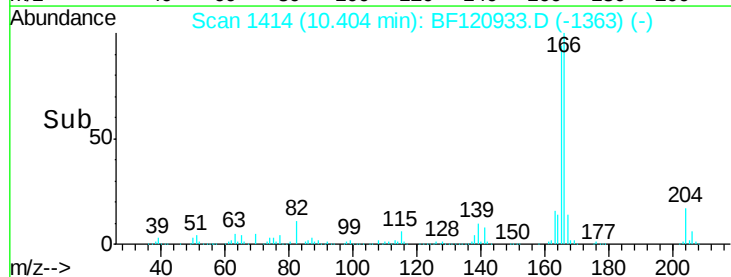
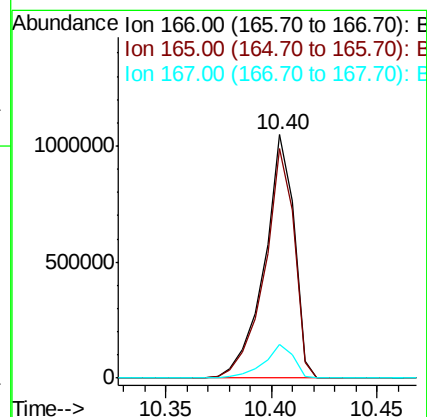
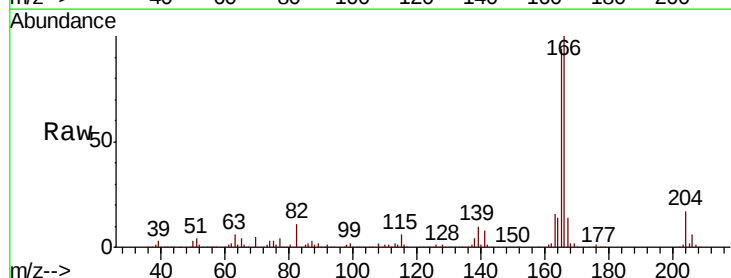
Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

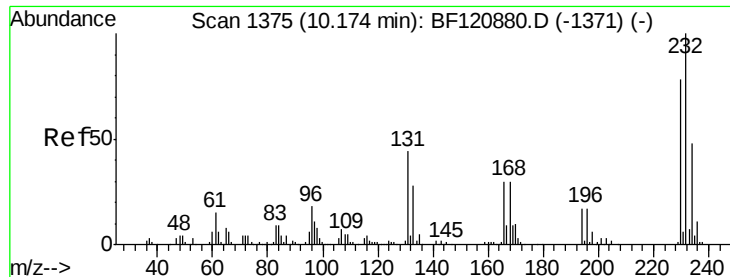
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	29.4	44.2
89	70.4	53.4	80.0
182	2.5	1.8	2.6



#58
Fluorene
Concen: 39.291 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.4	113.0
167	13.7	10.6	15.8

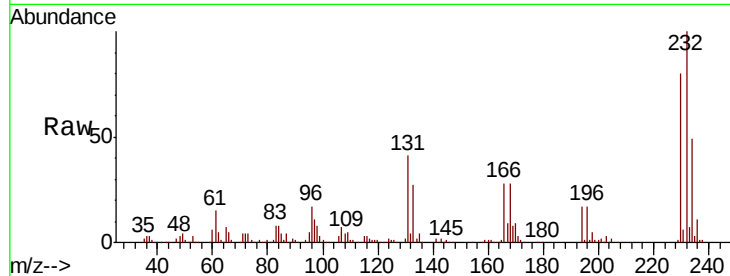




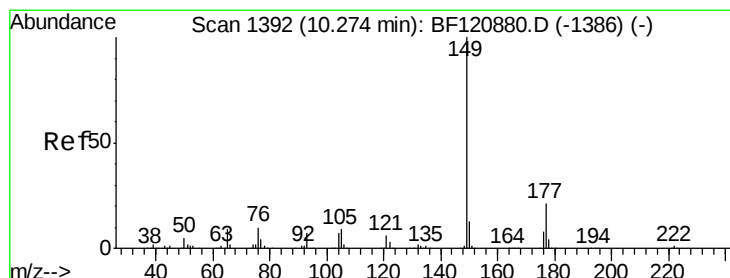
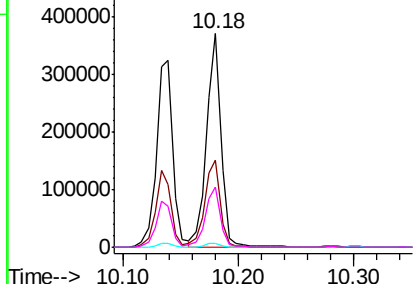
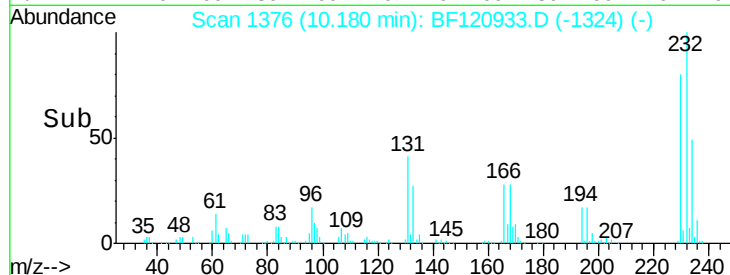
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.478 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:232	Resp:	324158
Ion	Ratio	Lower Upper
232	100	
131	44.6	37.1 55.7
130	2.2	1.7 2.5
166	29.9	24.2 36.4

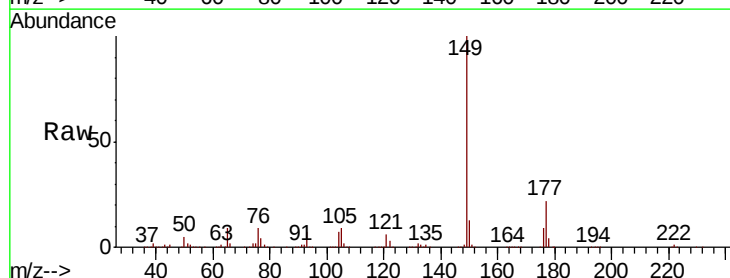


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

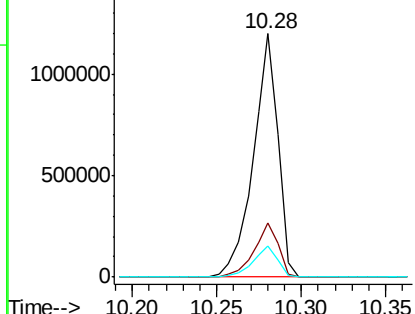
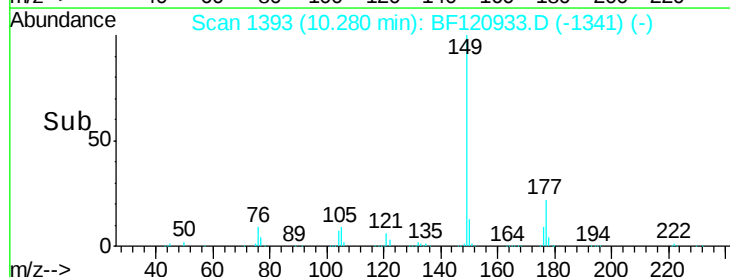


#60
 Diethylphthalate
 Concen: 42.255 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:149	Resp:	1213809
Ion	Ratio	Lower Upper
149	100	
177	22.5	17.1 25.7
150	12.9	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

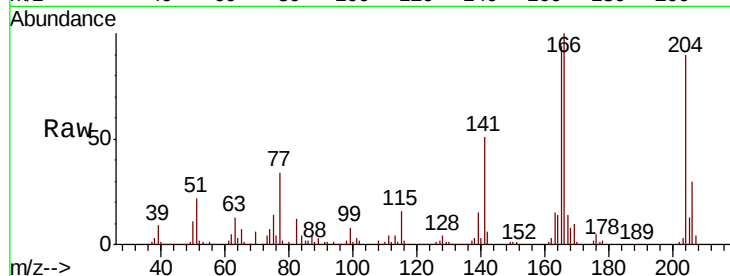




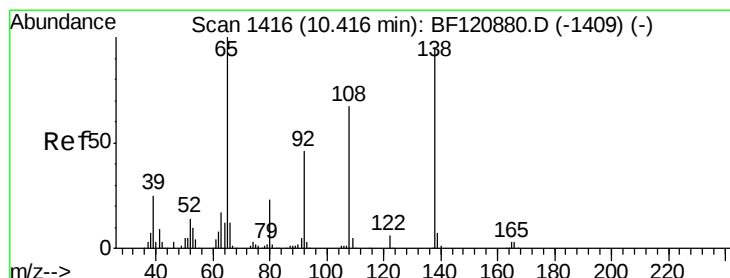
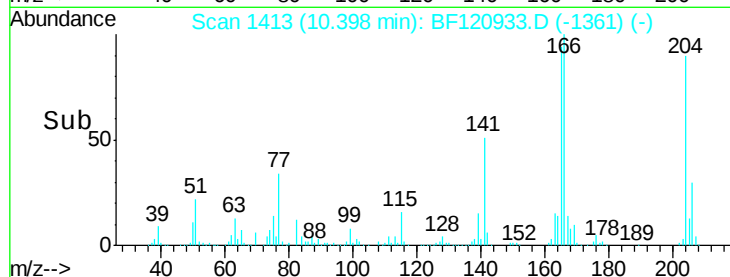
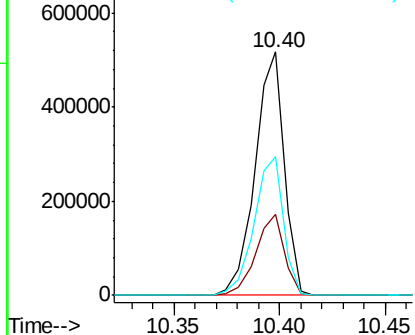
#61
4-Chlorophenyl-phenylether
Concen: 35.713 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:204 Resp: 496779
Ion Ratio Lower Upper
204 100
206 33.5 25.9 38.9
141 56.8 47.2 70.8

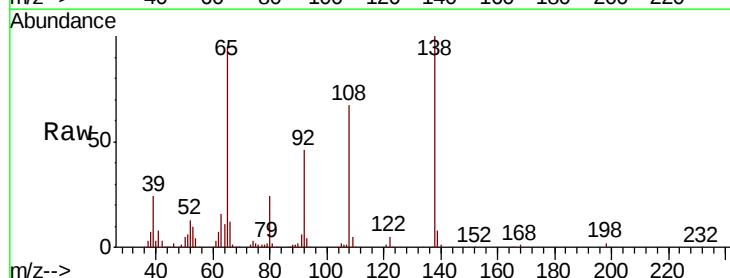


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

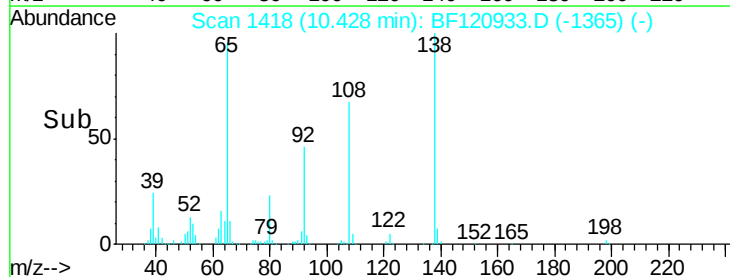
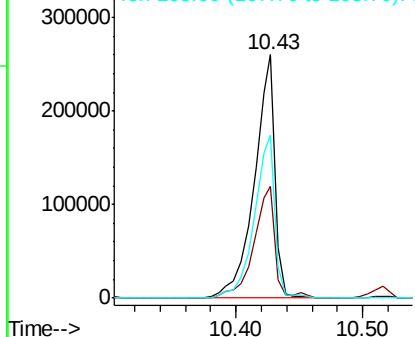


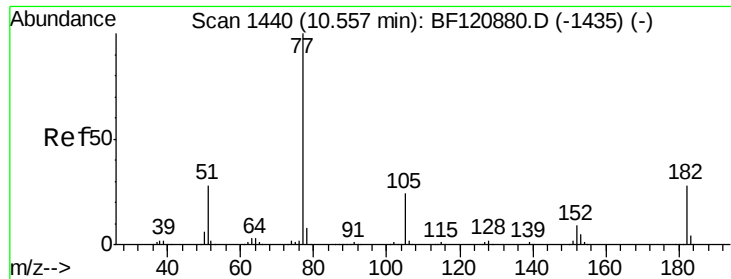
#62
4-Nitroaniline
Concen: 39.819 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:138 Resp: 296815
Ion Ratio Lower Upper
138 100
92 45.7 28.6 68.6
108 66.8 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

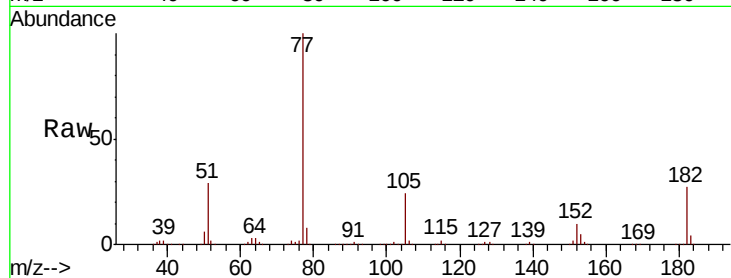




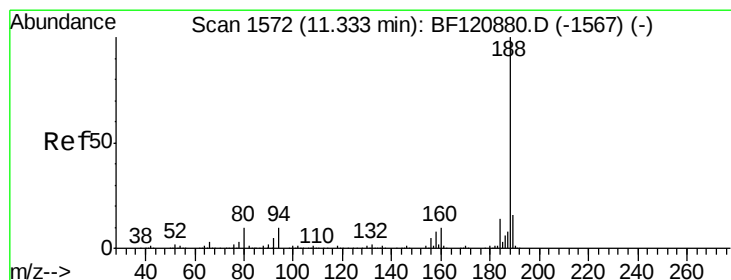
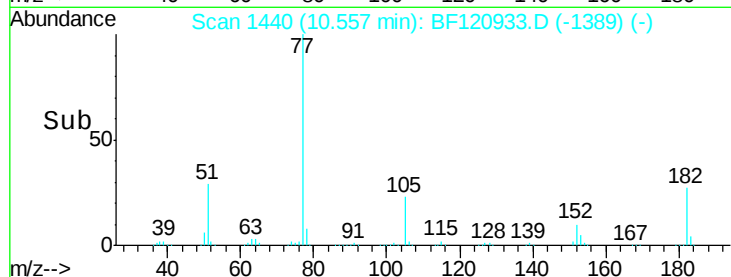
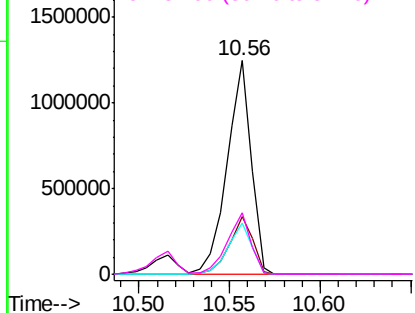
#63
Azobenzene
Concen: 42.167 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion: 77 Resp: 1153157
Ion Ratio Lower Upper
77 100
182 26.9 7.8 47.8
105 23.8 4.4 44.4
51 28.7 8.0 48.0

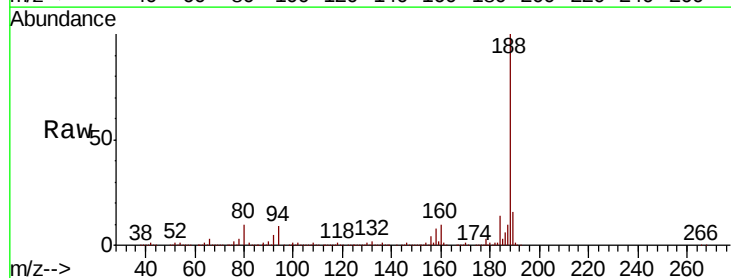


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

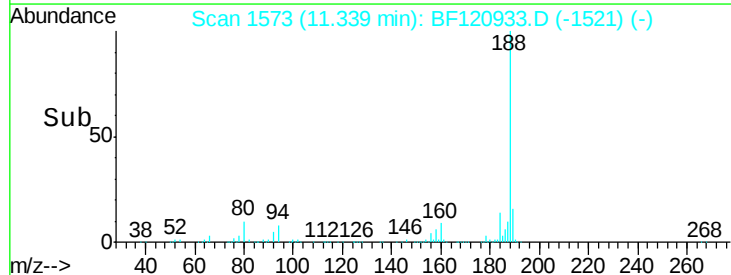
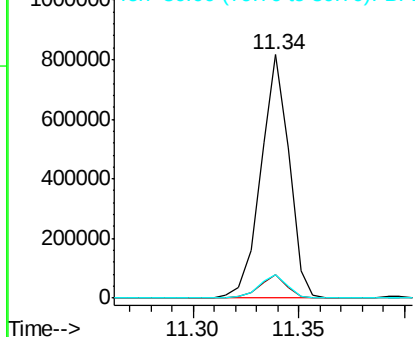


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion: 188 Resp: 758415
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.9 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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.255 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

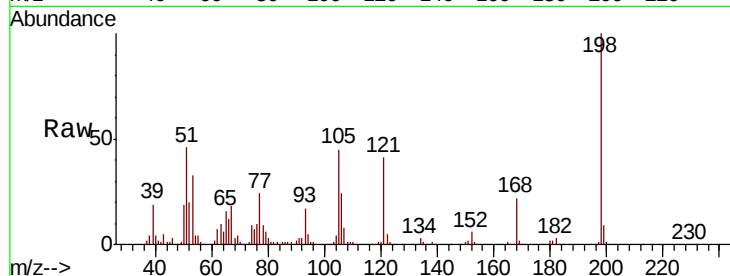
Tot Ion:198 Resp: 192821

Ion Ratio Lower Upper

198 100

51 45.6 19.5 59.5

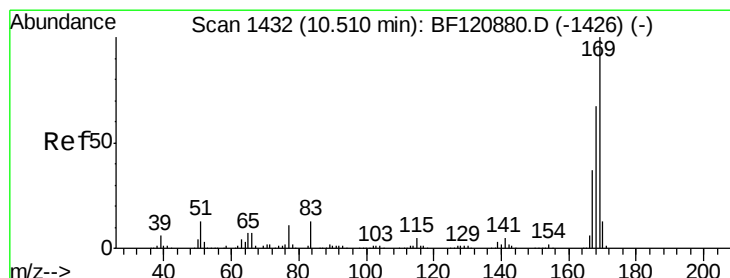
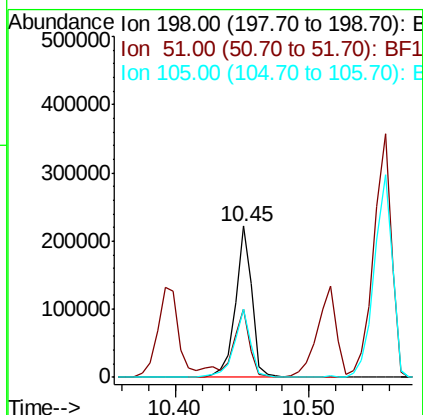
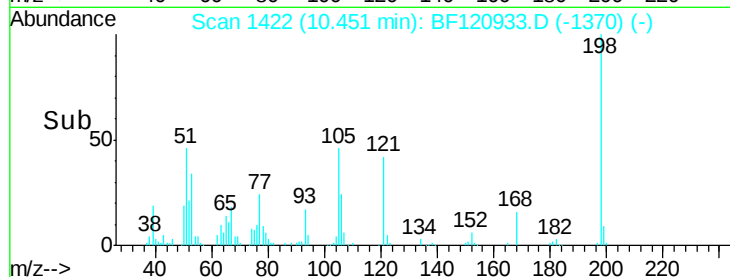
105 45.0 24.4 64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.020 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

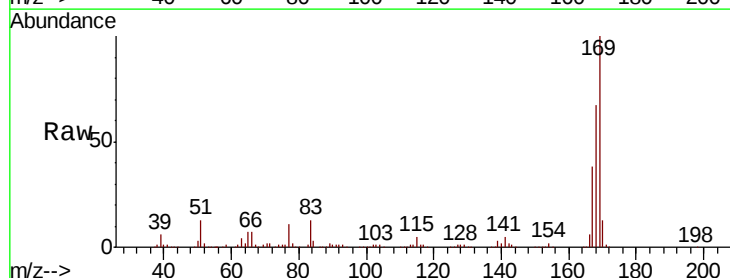
Tgt Ion:169 Resp: 1026384

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

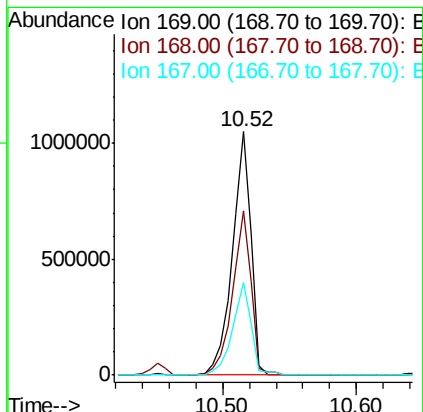
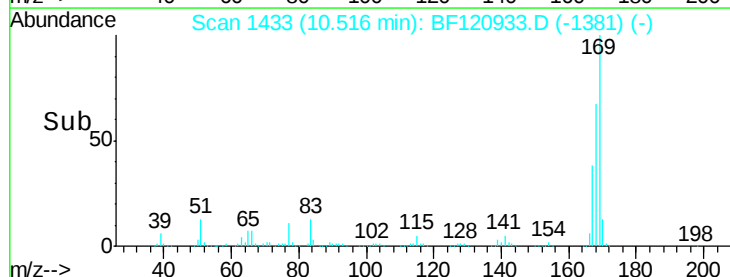
167 37.8 29.4 44.0

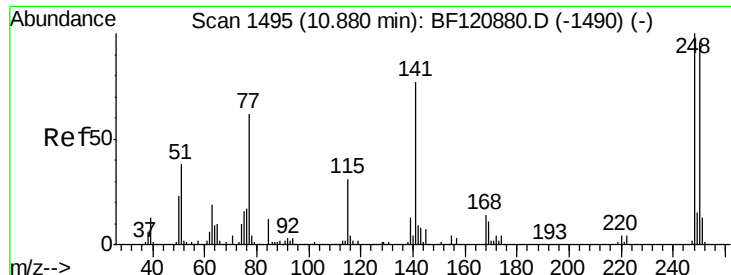


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

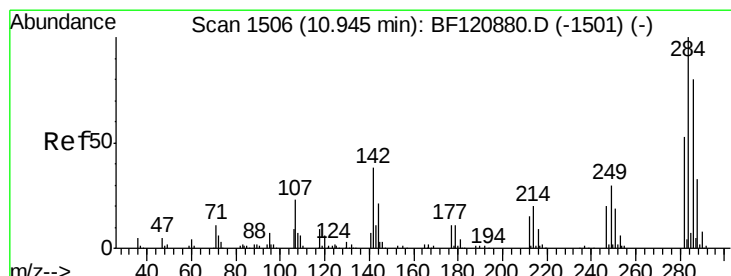
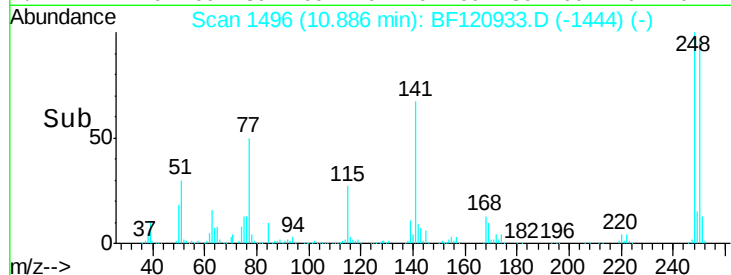
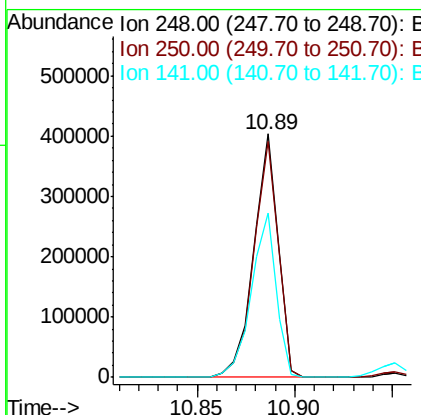
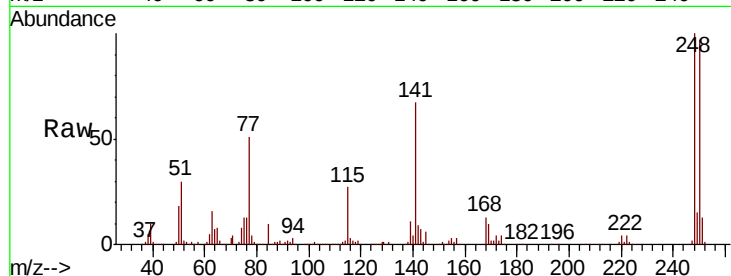




#67
 4-Bromophenyl-phenylether
 Concen: 41.351 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

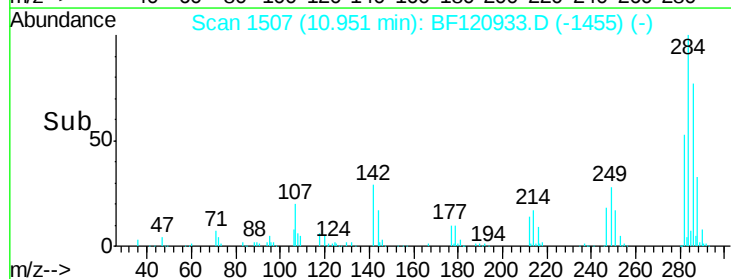
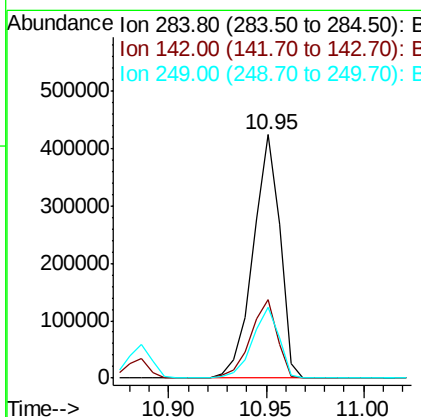
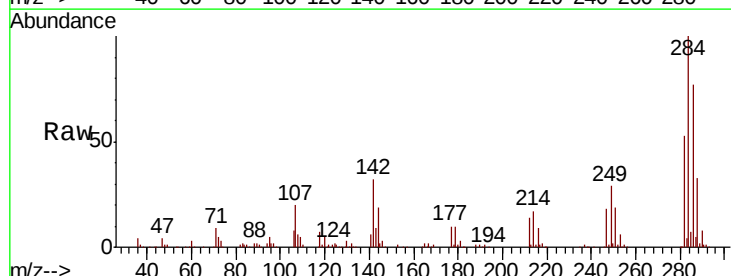
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

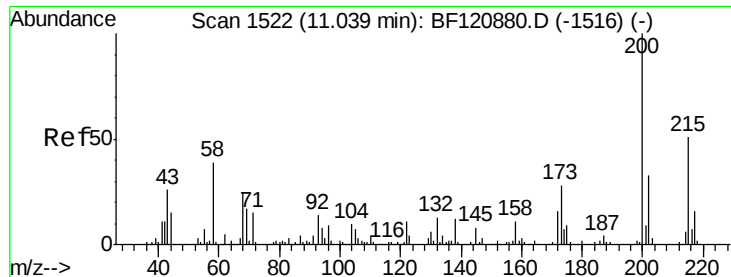
Tot Ion:248	Resp:	349651
Ion Ratio	Lower	Upper
248	100	
250	96.7	77.1 115.7
141	67.3	61.2 91.8



#68
 Hexachlorobenzene
 Concen: 44.018 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:284	Resp:	402625
Ion Ratio	Lower	Upper
284	100	
142	32.1	30.2 45.2
249	29.0	24.2 36.2

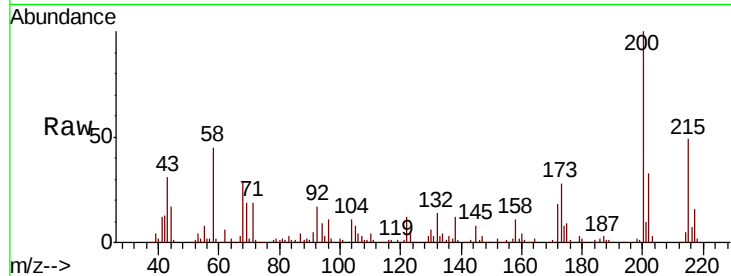




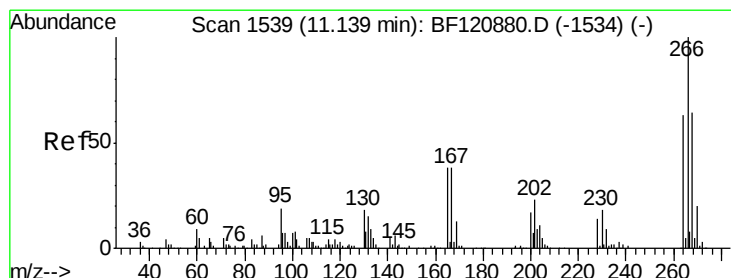
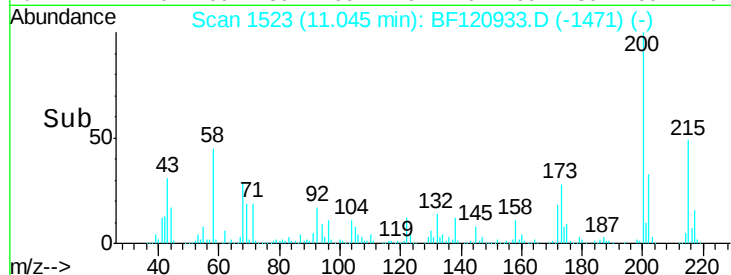
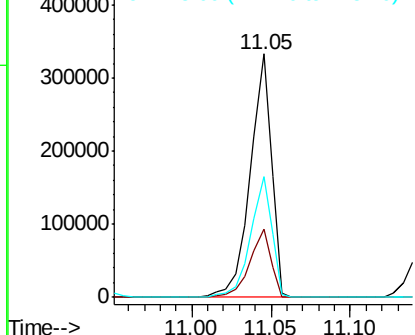
#69
 Atrazine
 Concen: 52.117 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:200 Resp: 307943
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.0 48.0
 215 49.4 31.5 71.5

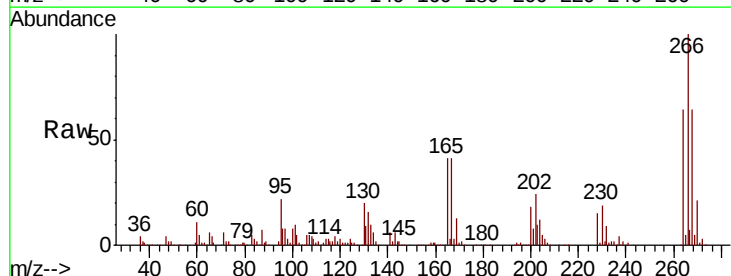


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

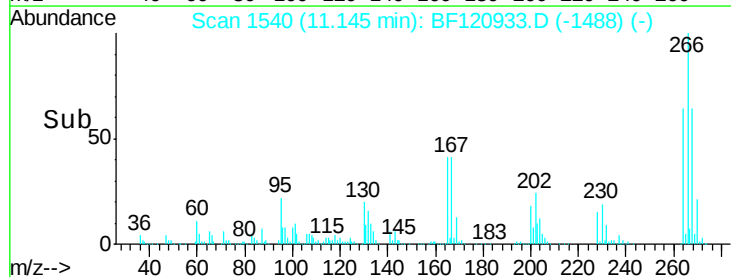
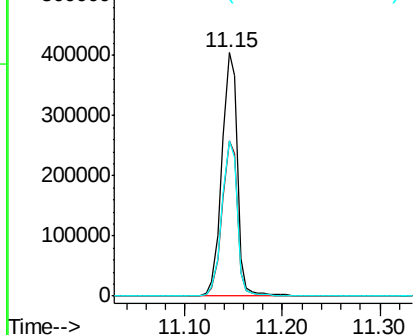


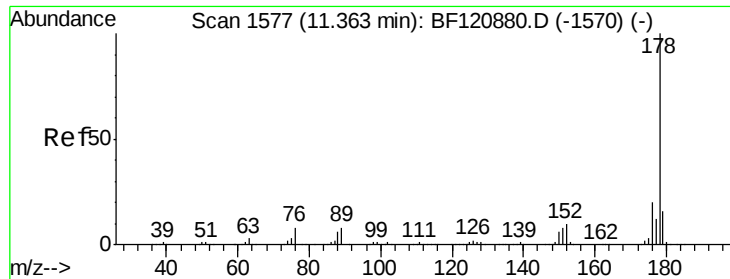
#70
 Pentachlorophenol
 Concen: 86.308 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:266 Resp: 452265
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.6 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

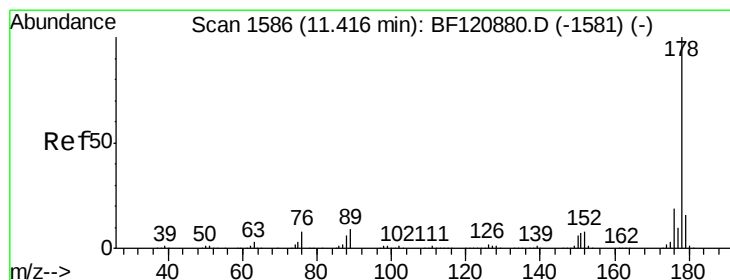
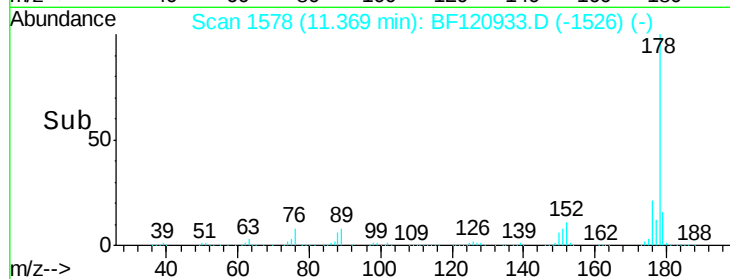
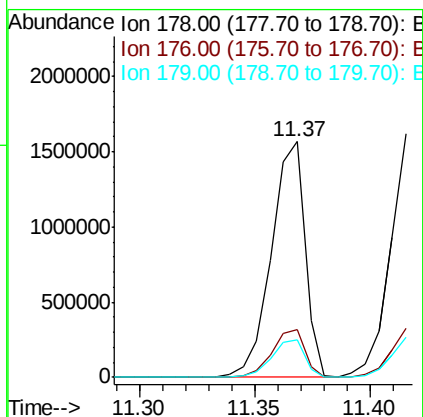
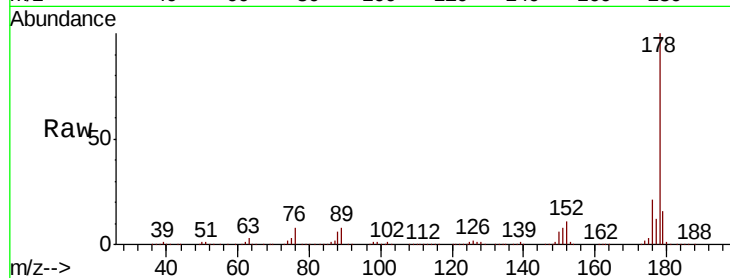




#71
Phenanthrene
Concen: 40.875 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

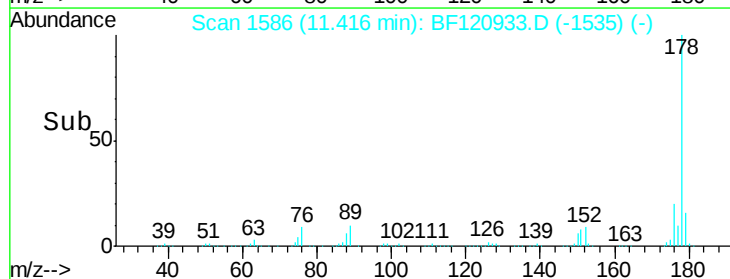
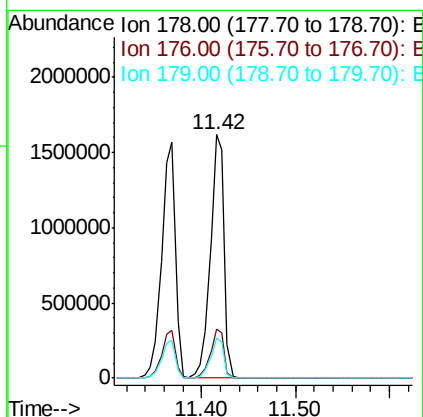
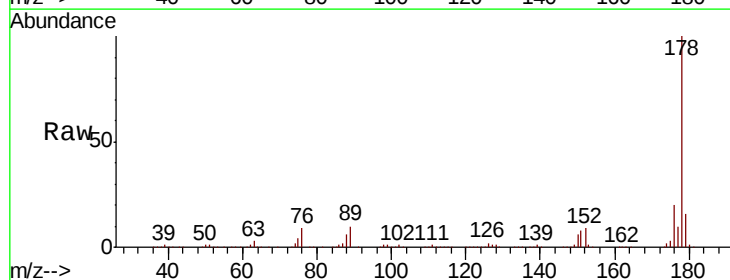
Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:178 Resp: 1594336
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.8 12.8 19.2



#72
Anthracene
Concen: 42.853 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:178 Resp: 1678414
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.3 12.8 19.2



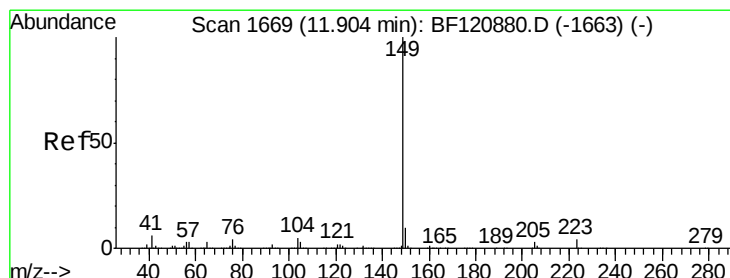
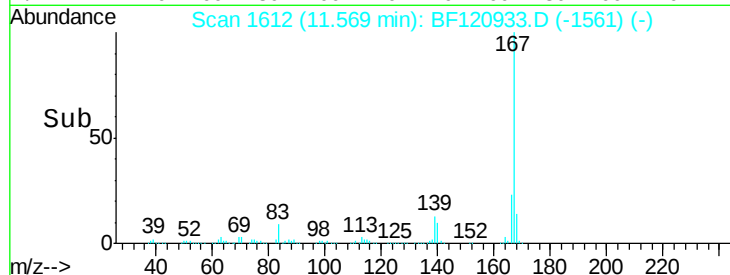
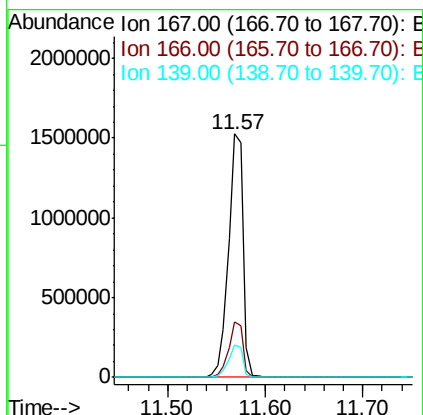
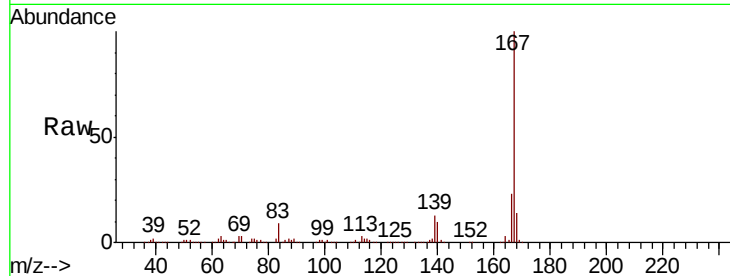


#73
 Carbazole
 Concen: 40.971 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:167 Resp: 1592547

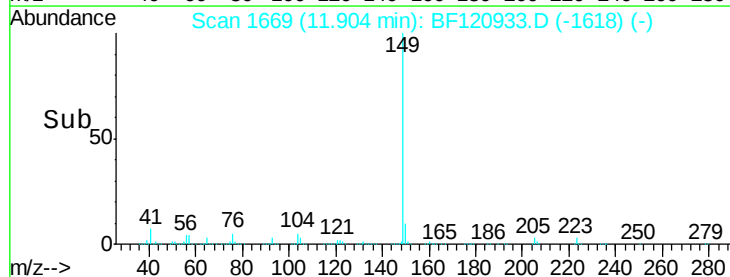
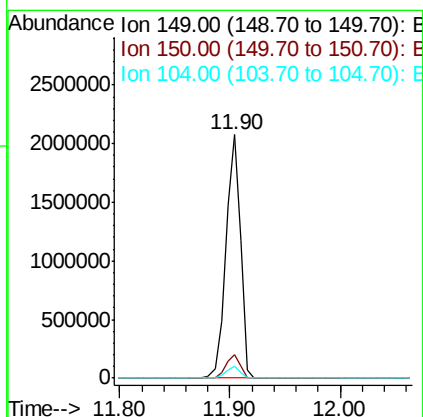
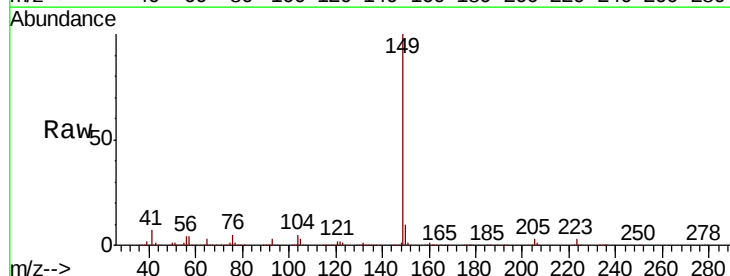
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	13.2	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 42.493 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:149 Resp: 1906048

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.1	3.8	5.6

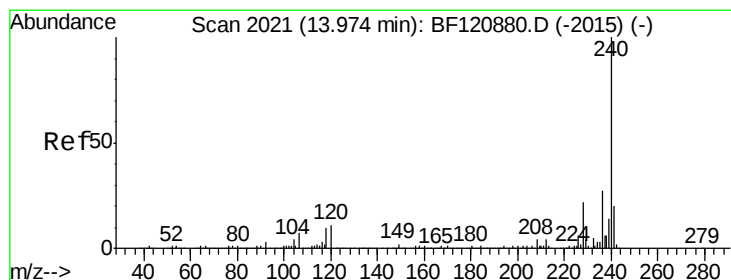
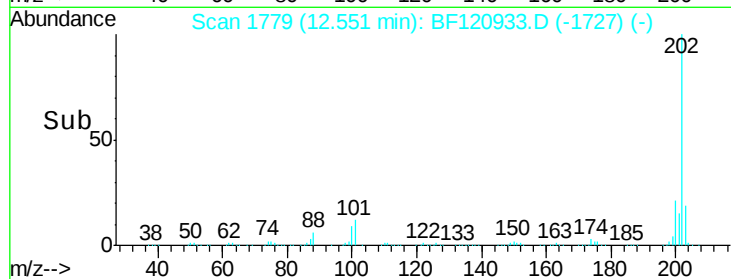
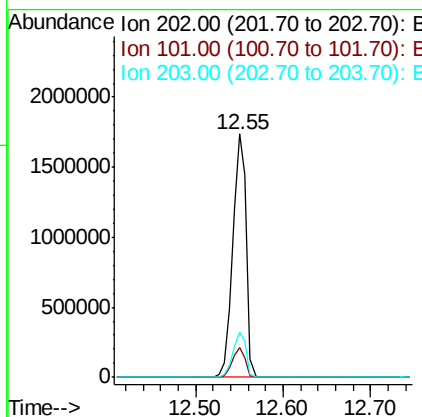
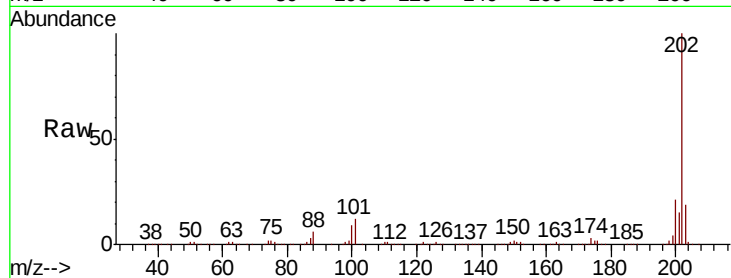




#75
 Fluoranthene
 Concen: 42.238 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

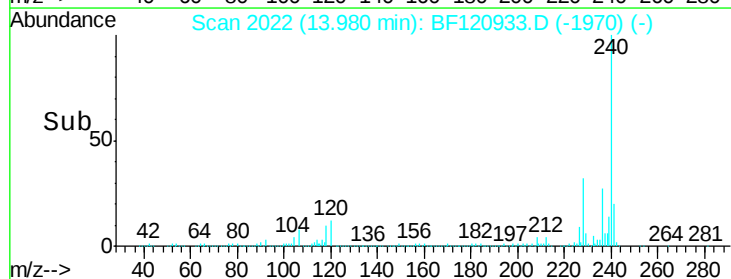
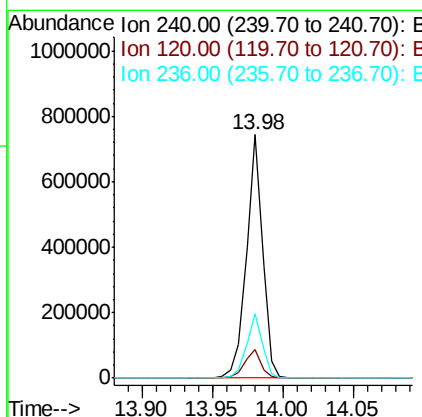
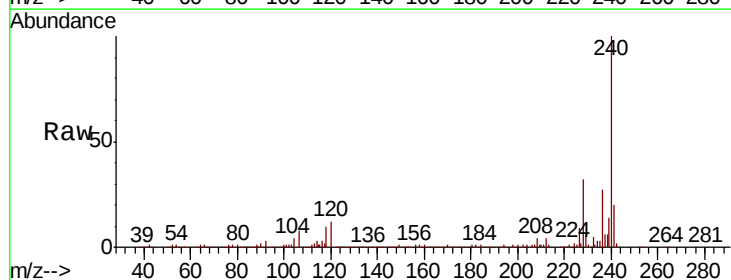
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

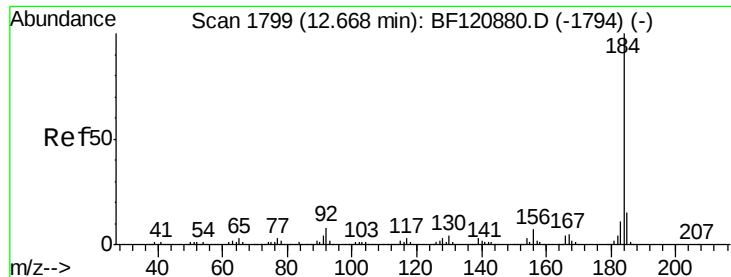
Tot Ion:202 Resp: 1826123
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.7
 203 18.7 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:240 Resp: 593791
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.0 13.4
 236 26.6 21.7 32.5





#77

Benzidine

Concen: 51.207 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

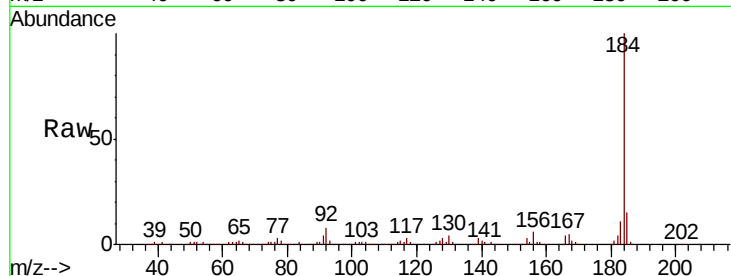
BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:184 Resp: 799441

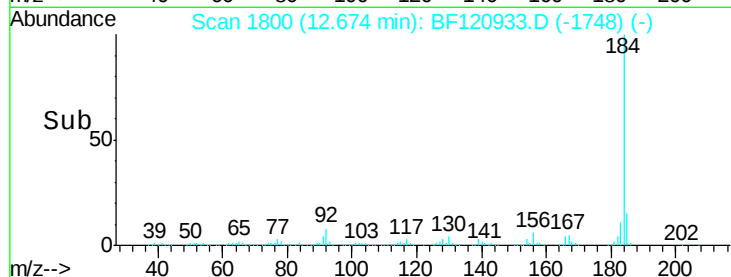
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	10.9	8.5	12.7



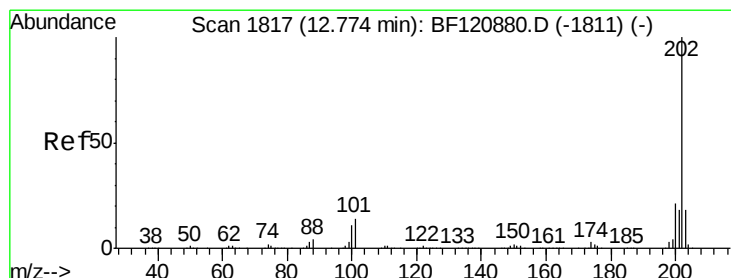
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.215 ng

RT: 12.78 min Scan# 1818

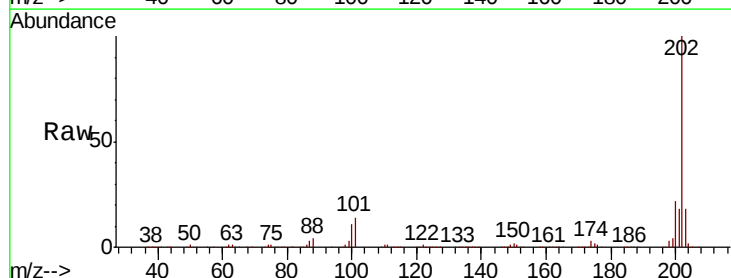
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:202 Resp: 1856215

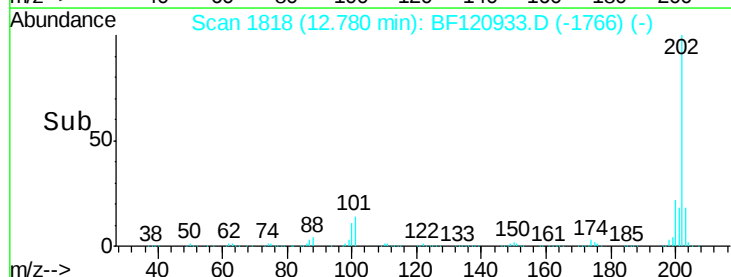
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.3	14.4	21.6



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



Time-->



#79

Terphenyl-d14

Concen: 38.623 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

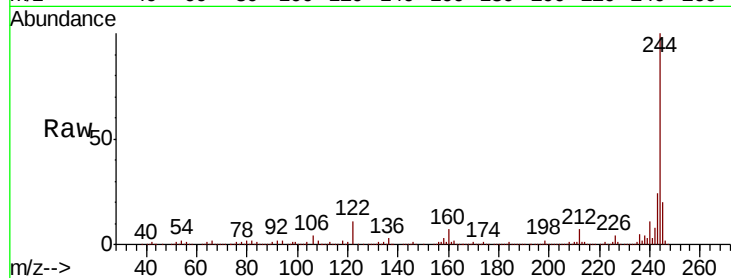
Tot Ion:244 Resp: 1055031

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

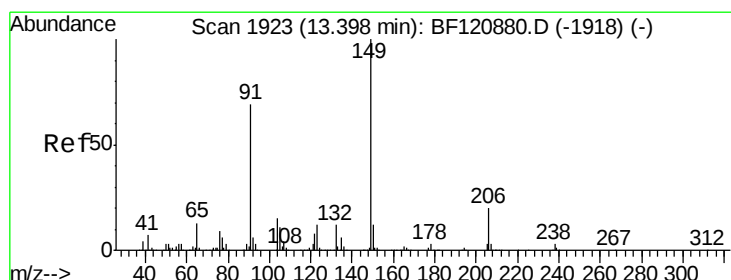
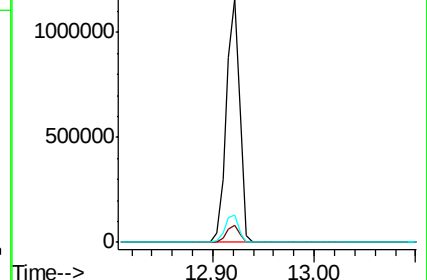
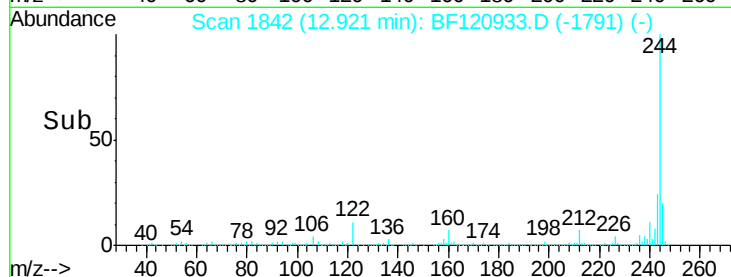
122 11.2 8.9 13.3



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: 45.581 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

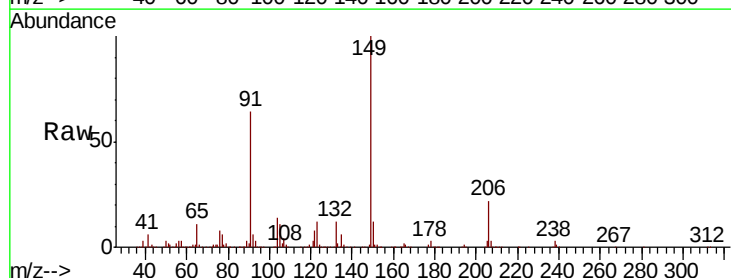
Tgt Ion:149 Resp: 853024

Ion Ratio Lower Upper

149 100

91 64.2 55.1 82.7

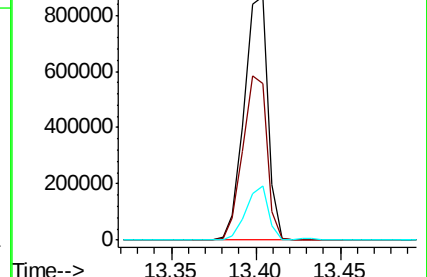
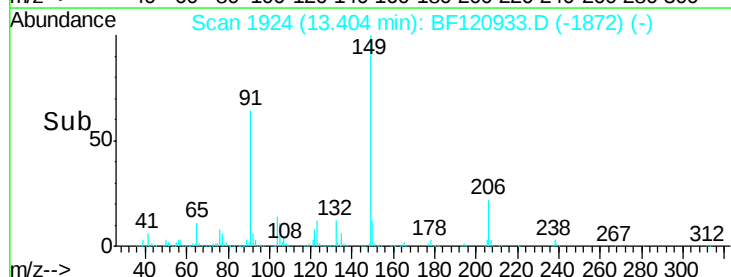
206 22.4 16.1 24.1



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: 40.819 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

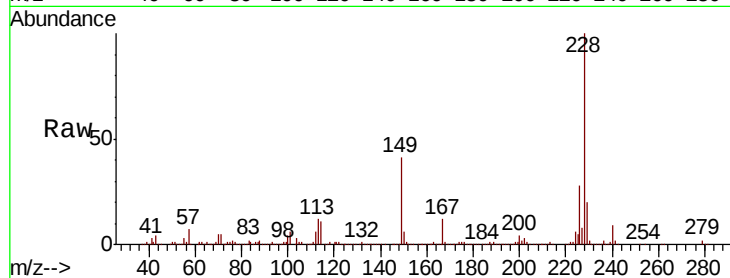
Tot Ion:228 Resp: 1467742

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

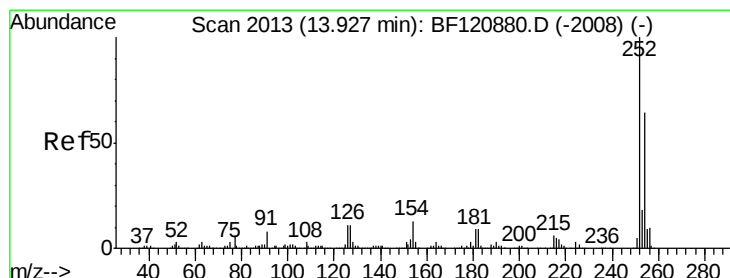
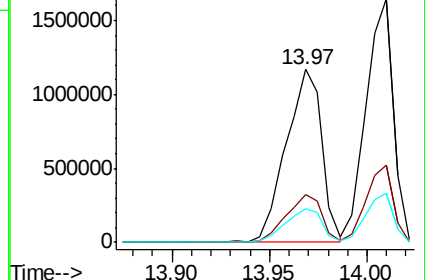
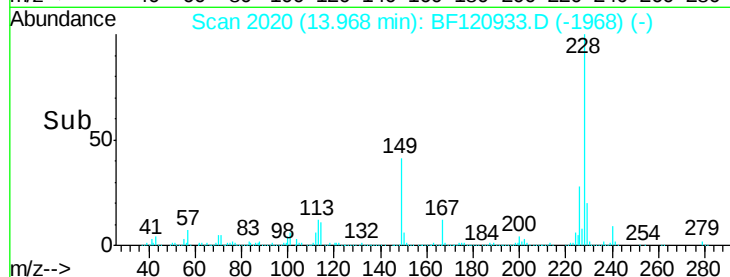
229 19.9 16.1 24.1



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: 34.153 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

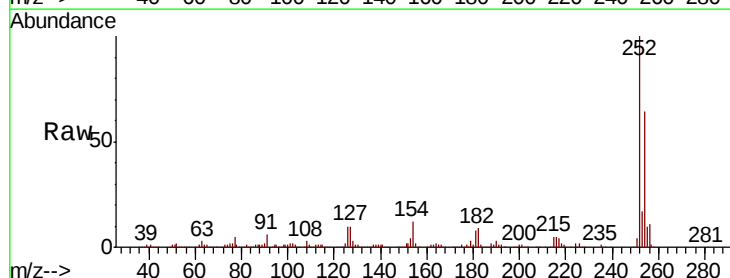
Tgt Ion:252 Resp: 463306

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

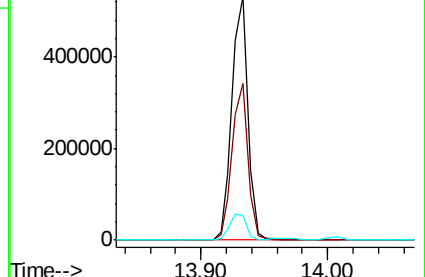
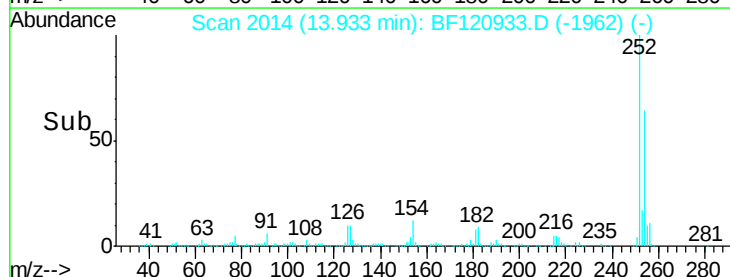
126 10.2 8.7 13.1



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

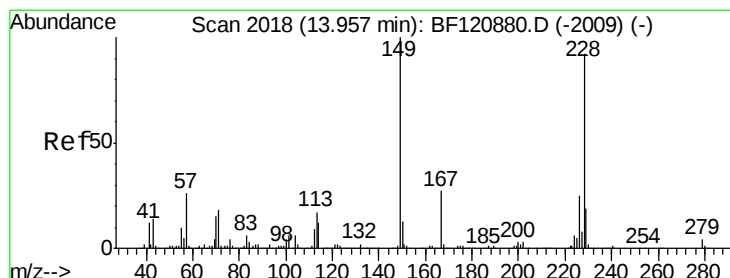
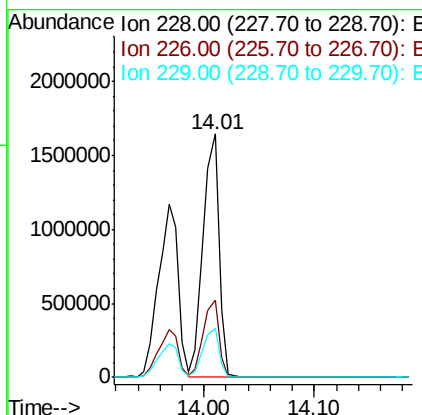
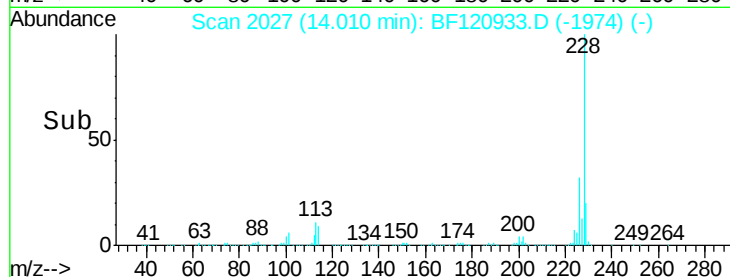
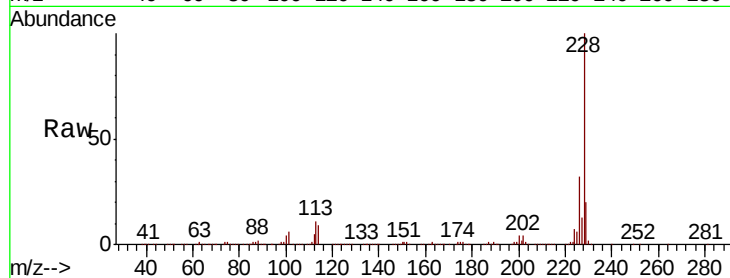




#83
 Chrvsene
 Concen: 42.172 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

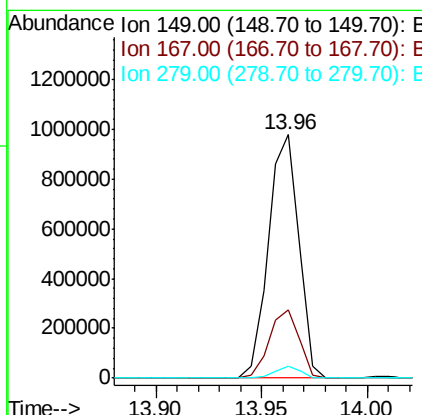
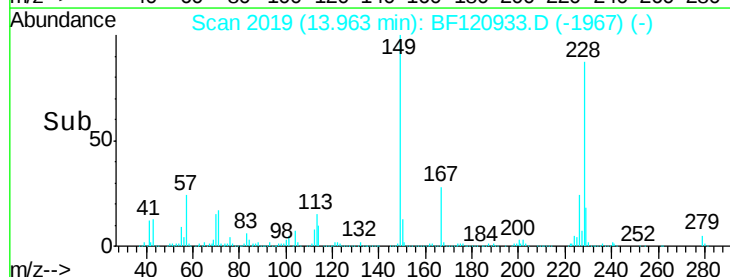
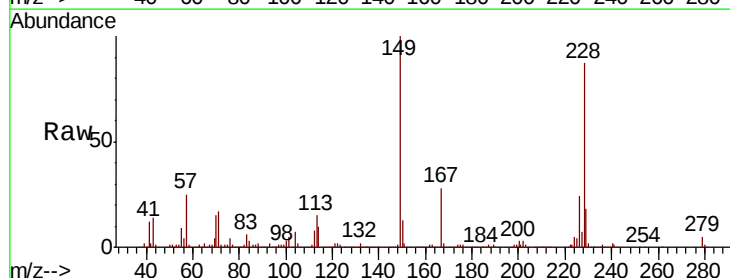
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

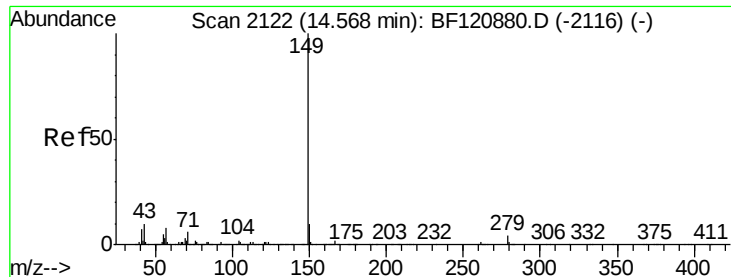
Tot Ion:228 Resp: 1593535
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.6 38.4
 229 20.2 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.426 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:149 Resp: 979070
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 4.7 3.0 4.4#

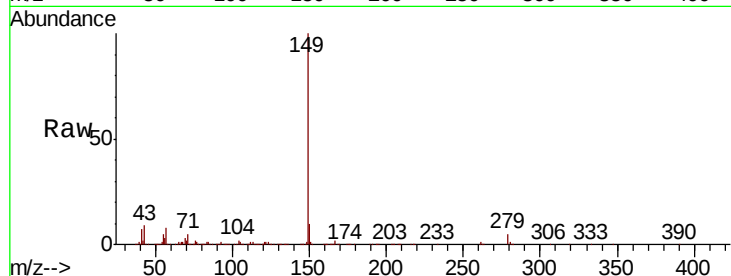




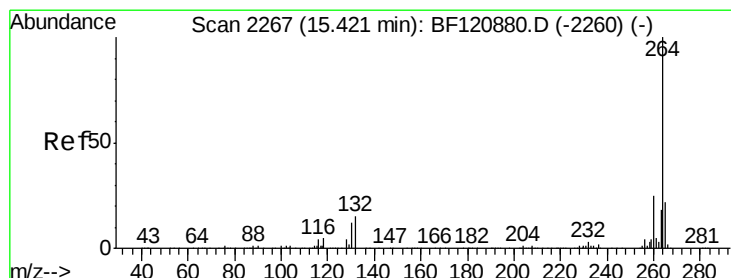
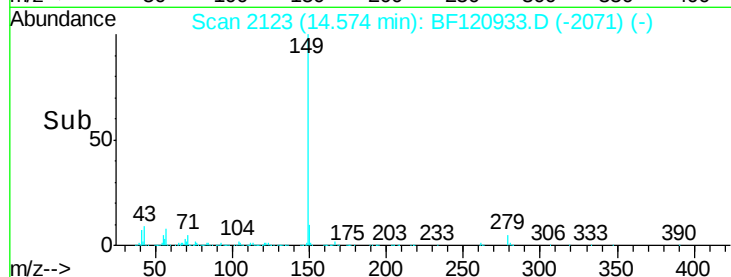
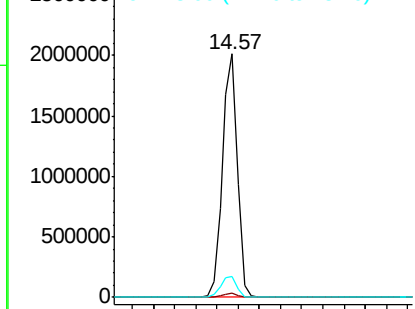
#85
Di-n-octyl phthalate
Concen: 43.355 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:149 Resp: 1990521
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

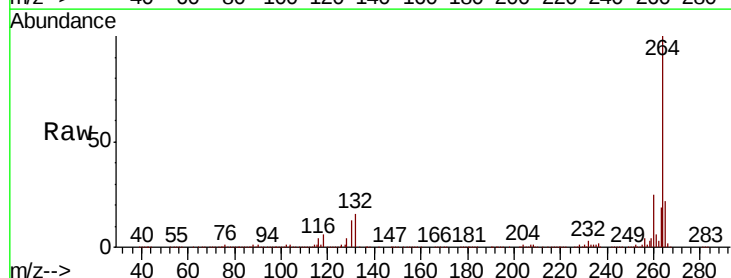


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

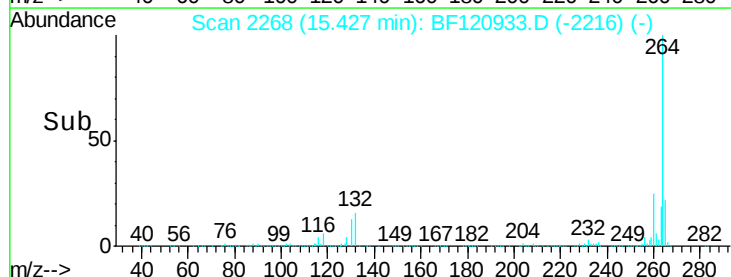
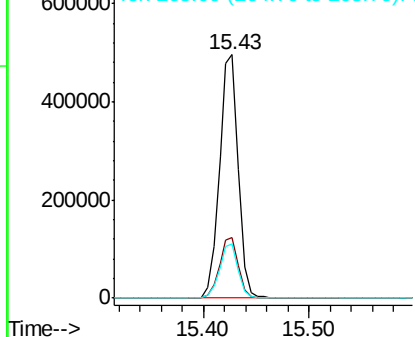


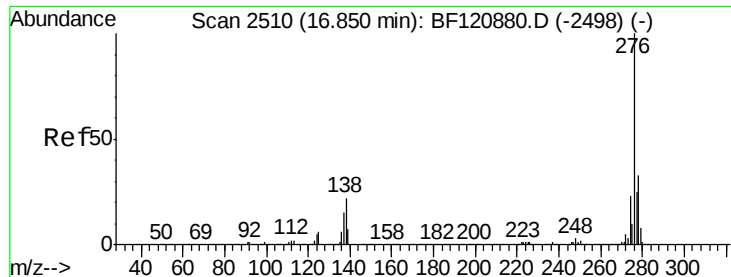
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:264 Resp: 615141
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 22.1 17.4 26.2



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

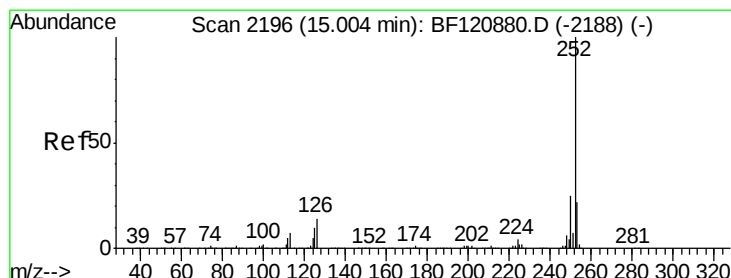
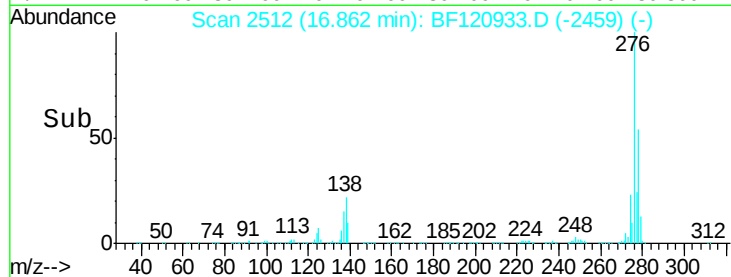
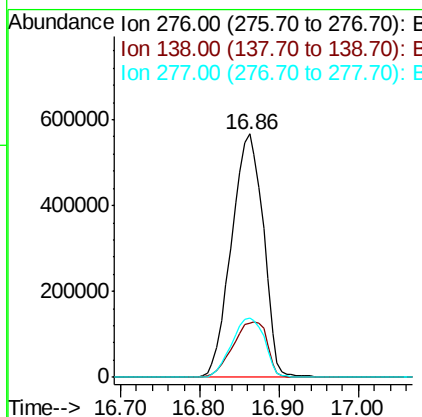
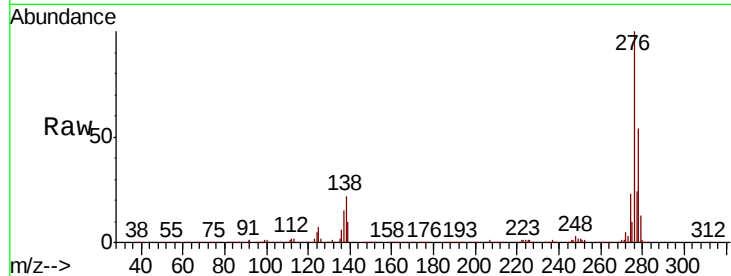




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.018 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

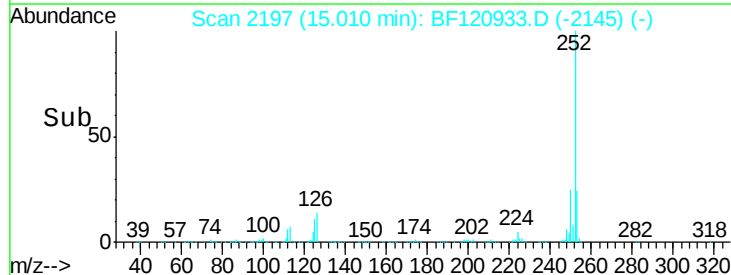
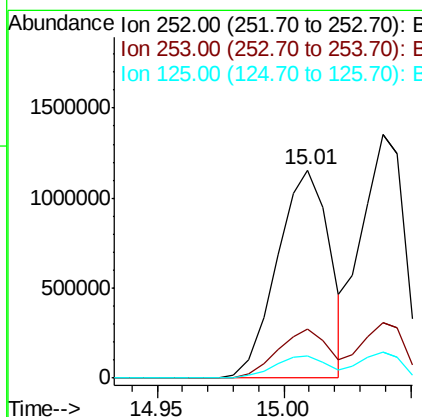
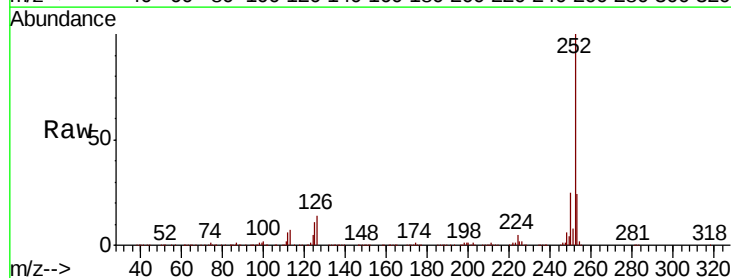
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

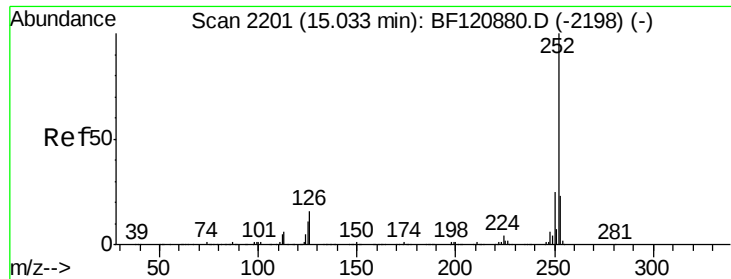
Tot Ion:276 Resp: 1583656
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.978 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:252 Resp: 1672416
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.0 27.0
 125 10.6 8.3 12.5

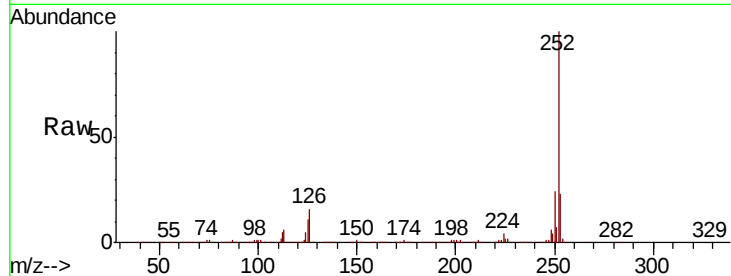




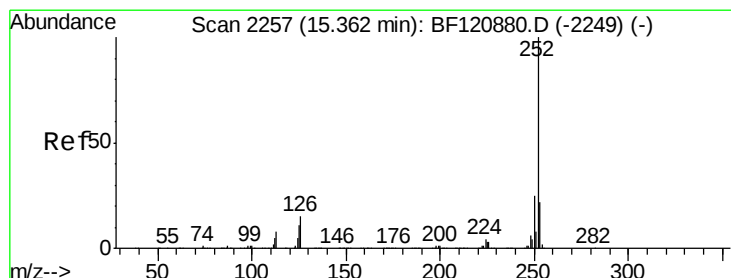
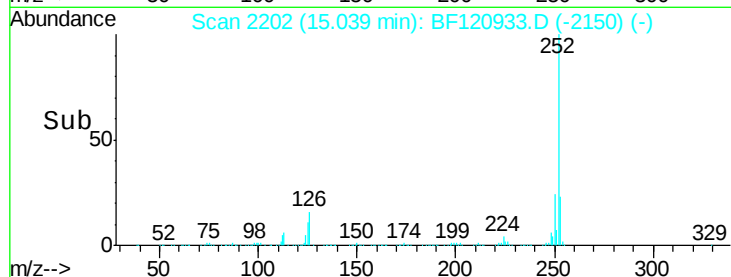
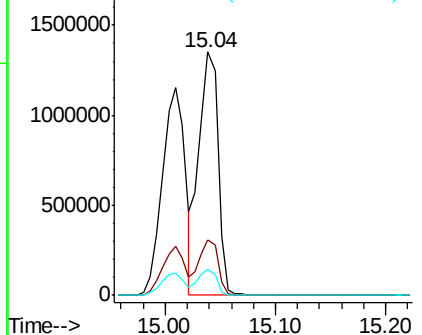
#89
Benzo(k)fluoranthene
Concen: 47.282 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:252 Resp: 1603363
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.5 8.4 12.6

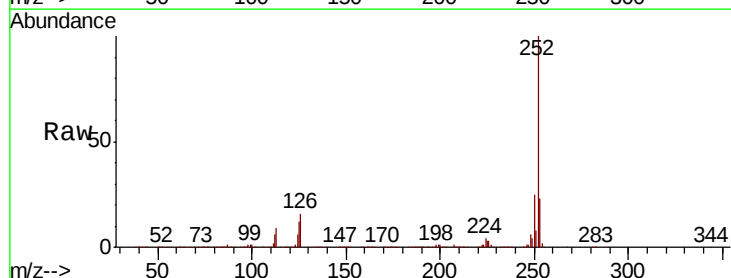


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

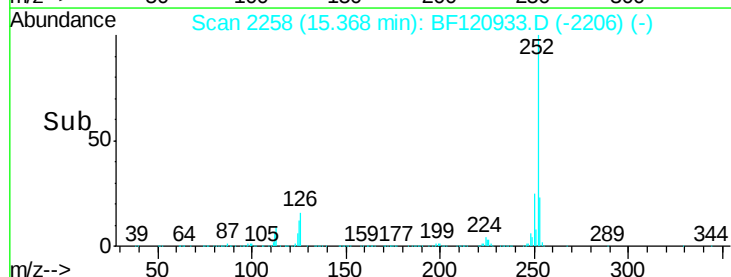
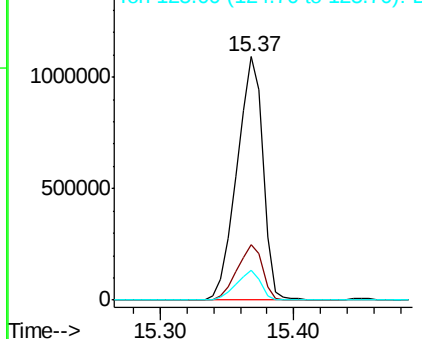


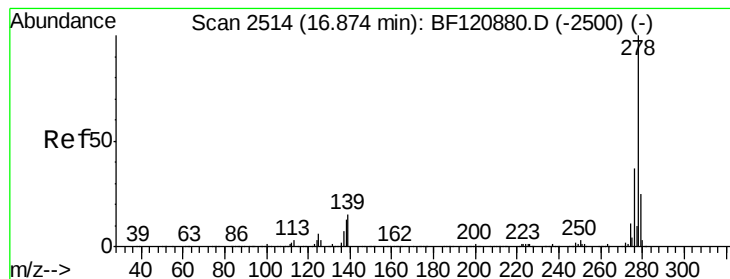
#90
Benzo(a)pyrene
Concen: 43.694 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:252 Resp: 1482310
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.1 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 37.716 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

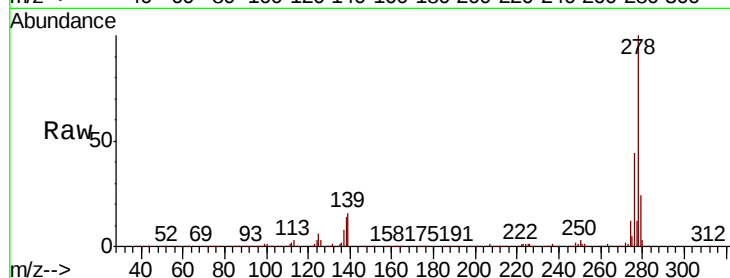
BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:278 Resp: 1318017

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.8	20.1	30.1

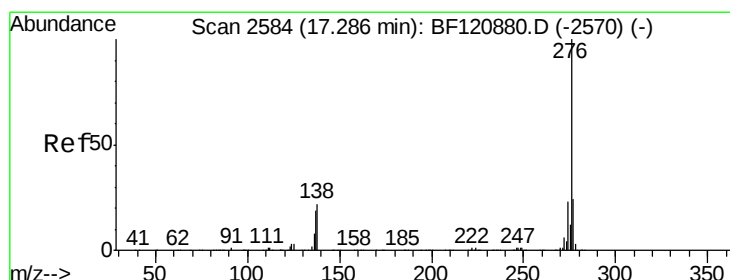
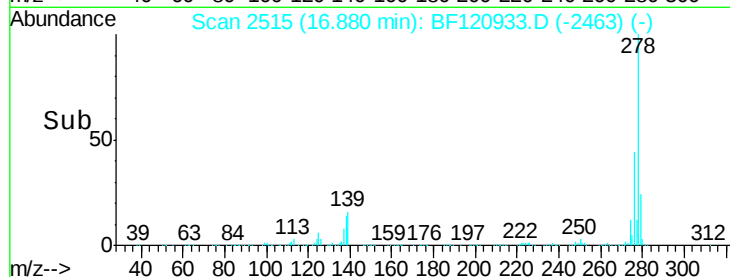
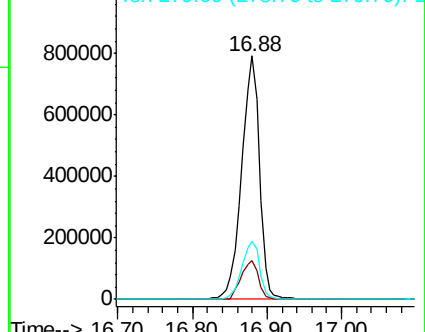


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.042 ng

RT: 17.29 min Scan# 2585

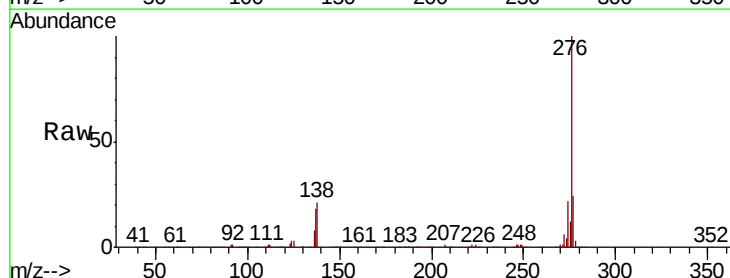
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:276 Resp: 1241873

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.1	17.5	26.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

