

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120323.D
 Acq On : 15 May 2020 15:59
 Operator : MA/SJ
 Sample : L2664-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0363-COMPOSITE-1

Quant Time: May 15 16:31:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

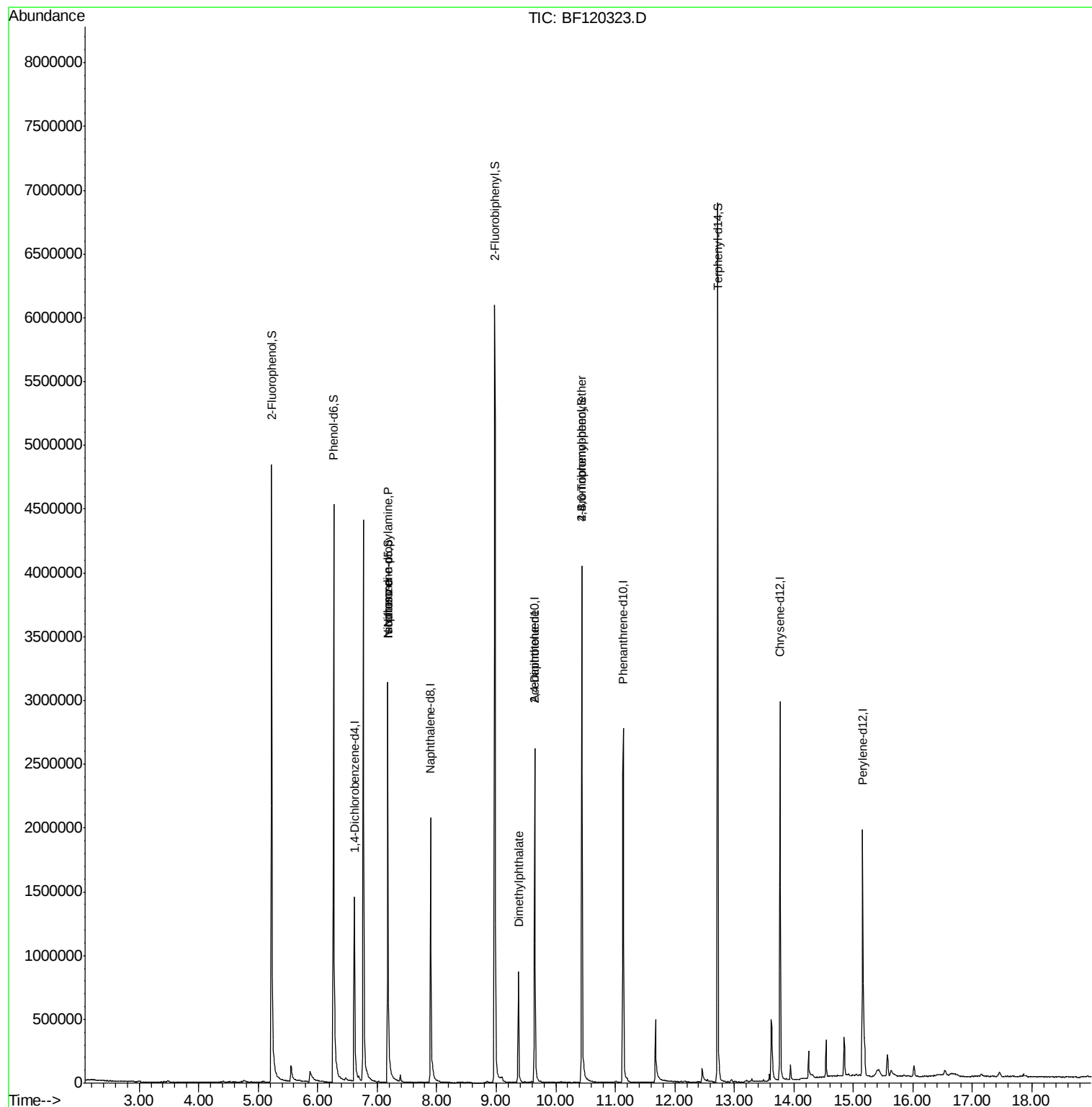
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	322389	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1218639	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	657296	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1227869	20.00	ng	0.00
76) Chrysene-d12	13.77	240	1115951	20.00	ng	0.00
87) Perylene-d12	15.16	264	887839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1621039	97.83	ng	0.00
7) Phenol-d6	6.27	99	2052096	97.94	ng	0.00
23) Nitrobenzene-d5	7.18	82	1258337	70.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	565331	105.49	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2359340	73.74	ng	0.00
79) Terphenyl-d14	12.72	244	2698768	53.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	158004	11.510	ng	# 80
25) Isophorone	7.18	82	1249645	33.743	ng	# 65
50) Dimethylphthalate	9.37	163	398322	9.586	ng	98
57) 2,4-Dinitrotoluene	9.65	165	84691	7.785	ng	# 16
67) 4-Bromophenyl-phenylether	10.44	248	35046	2.941	ng	# 1

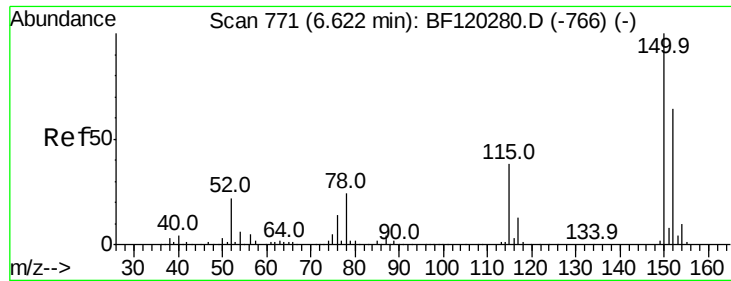
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
0363-COMPOSITE-1

Quant Time: May 15 16:31:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



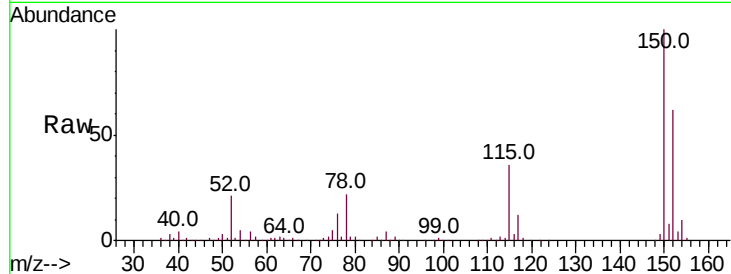


#1

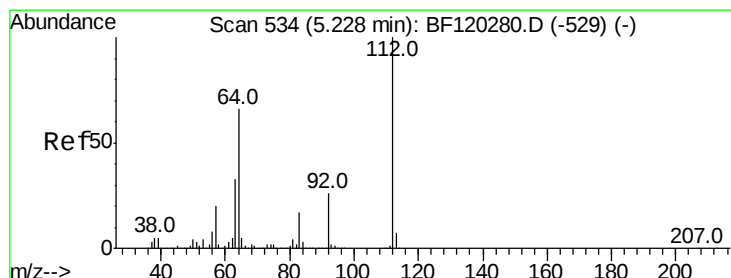
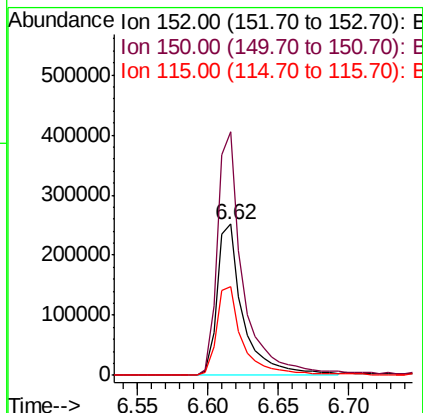
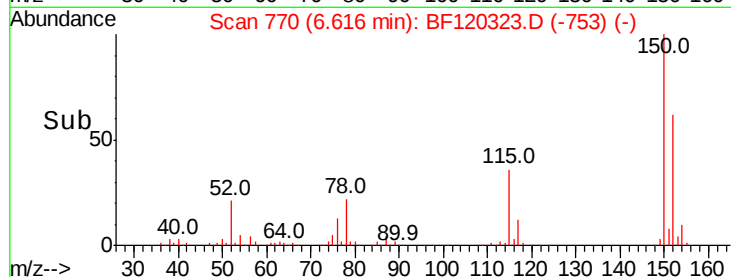
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

Instrument :
BNA_F
ClientSampleId :
0363-COMPOSITE-1

Tot Ion:152 Resp: 322389
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 58.6 47.9 71.9



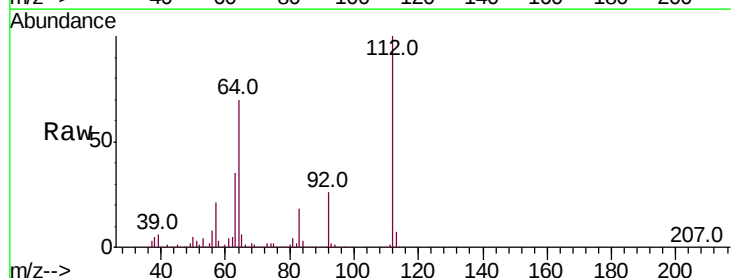
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



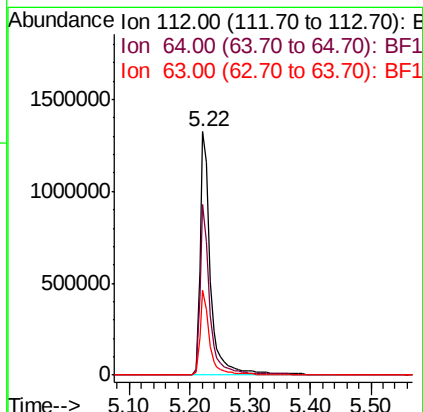
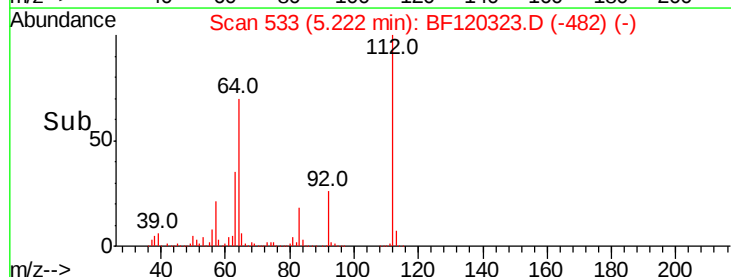
#5

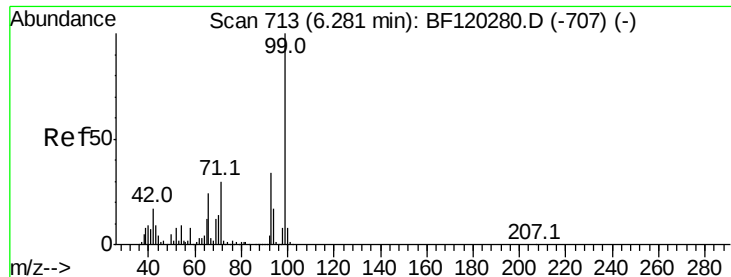
2-Fluorophenol
Concen: 97.834 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

Tgt Ion:112 Resp: 1621039
Ion Ratio Lower Upper
112 100
64 70.2 52.7 79.1
63 34.8 26.2 39.4



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





#7

Phenol-d6

Concen: 97.936 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

Instrument :

BNA_F

ClientSampleId :

0363-COMPOSITE-1

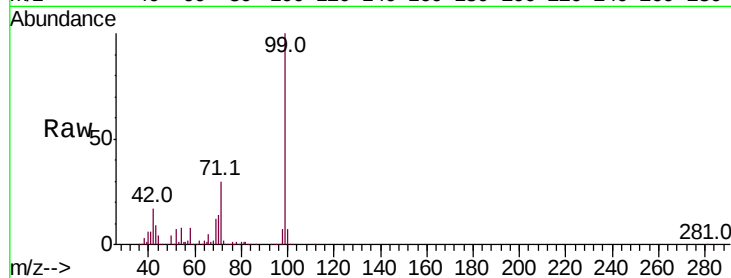
Tot Ion: 99 Resp: 2052096

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

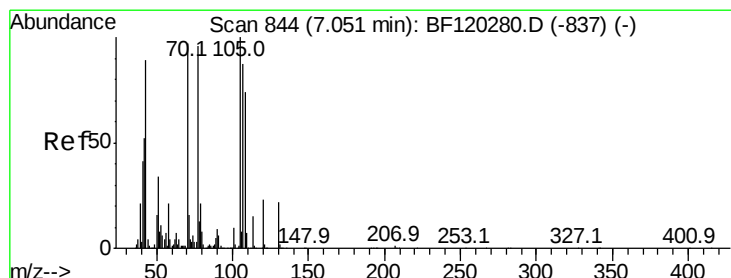
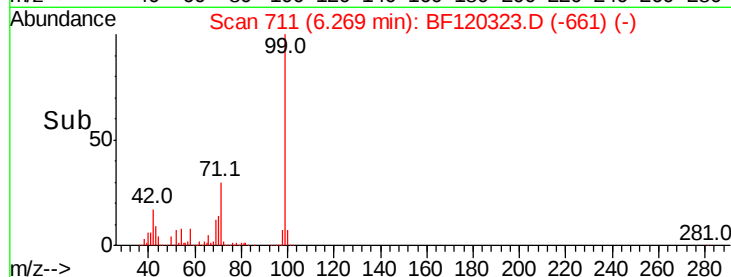
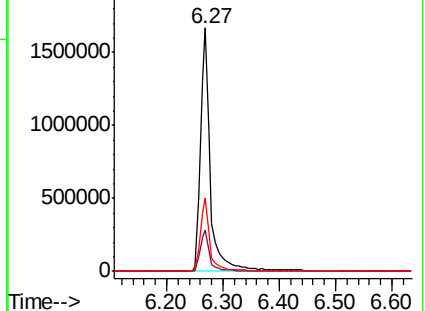
71 30.3 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.510 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.14 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

Tgt Ion: 70 Resp: 158004

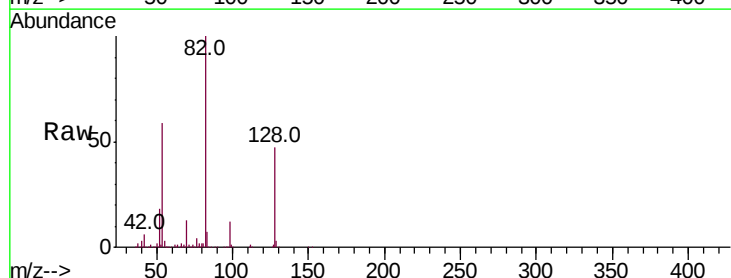
Ion Ratio Lower Upper

70 100

42 47.5 43.4 65.0

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

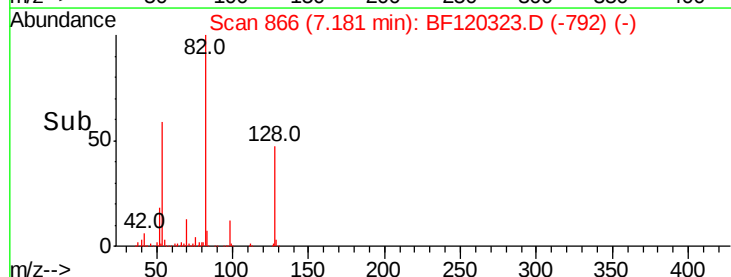
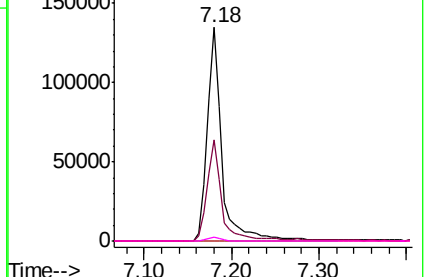


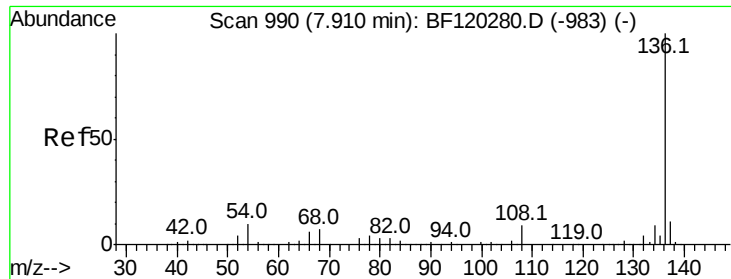
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



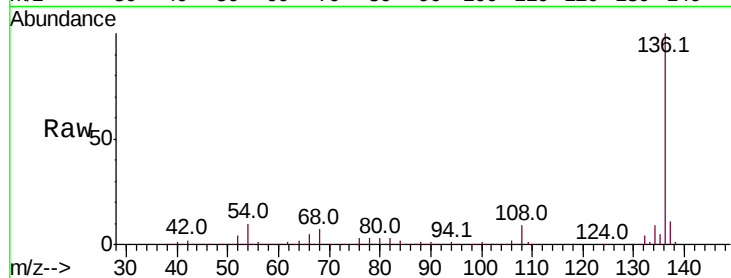


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

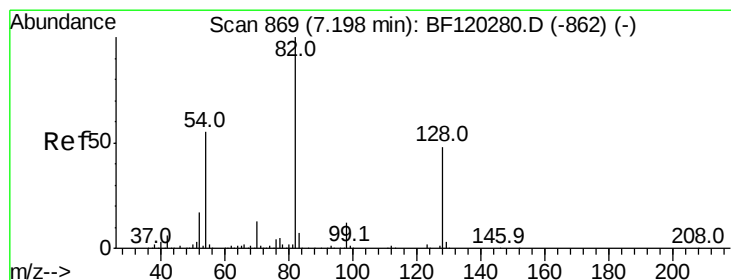
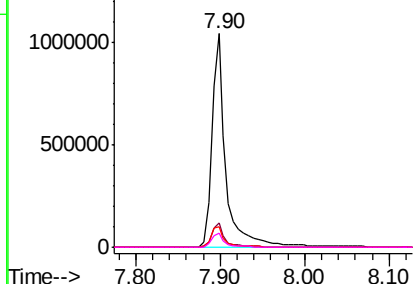
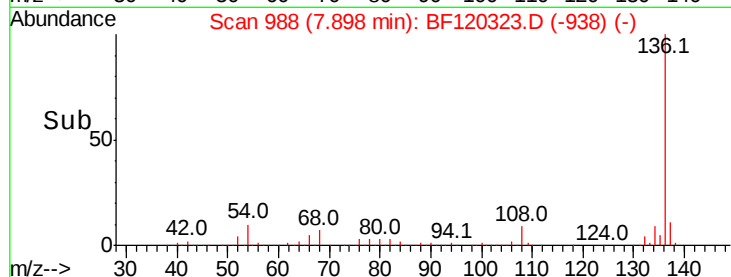
Instrument :
BNA_F
ClientSampleId :
0363-COMPOSITE-1

Tot Ion:136 Resp: 1218639

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.7	7.9	11.9
68	6.5	5.4	8.2



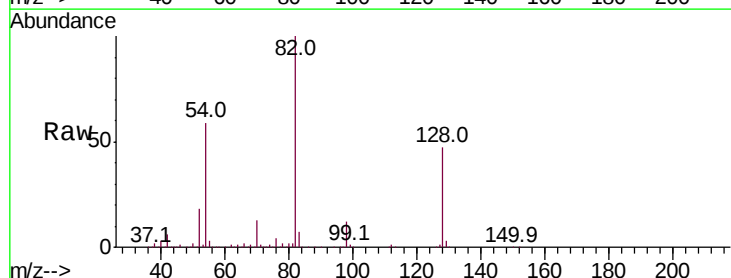
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



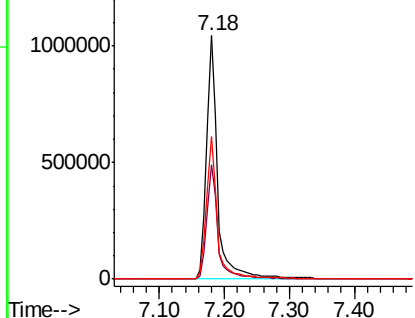
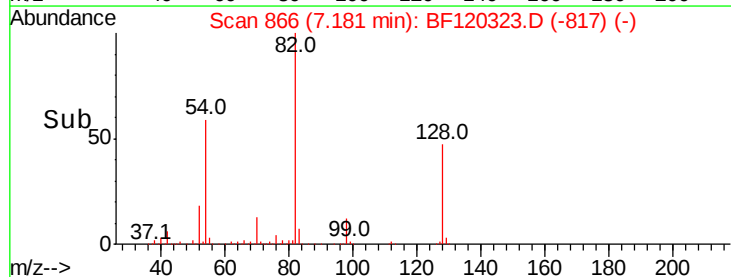
#23
Nitrobenzene-d5
Concen: 70.697 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

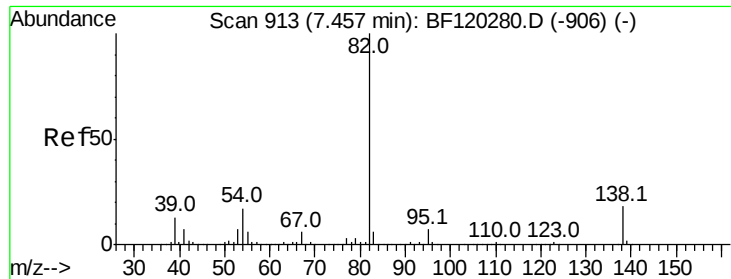
Tgt Ion: 82 Resp: 1258337

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.3	57.5
54	58.6	43.9	65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.743 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.27 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

Instrument :

BNA_F

ClientSampleId :

0363-COMPOSITE-1

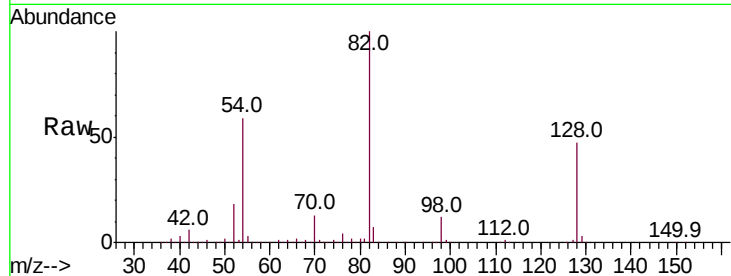
Tot Ion: 82 Resp: 1249645

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

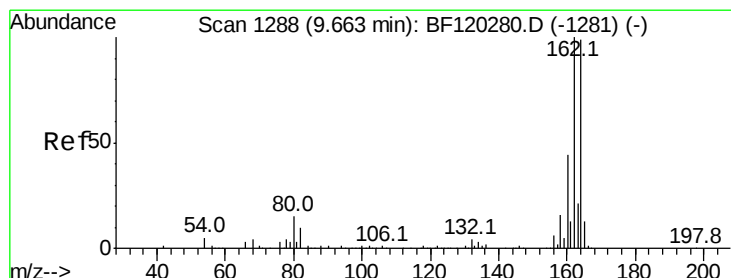
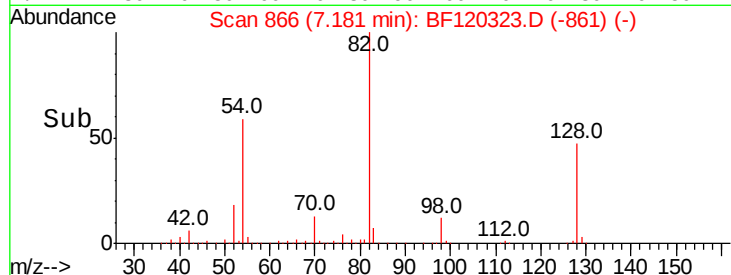
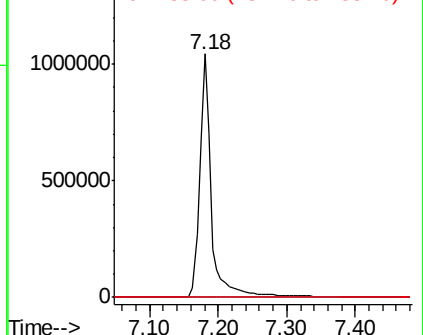
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

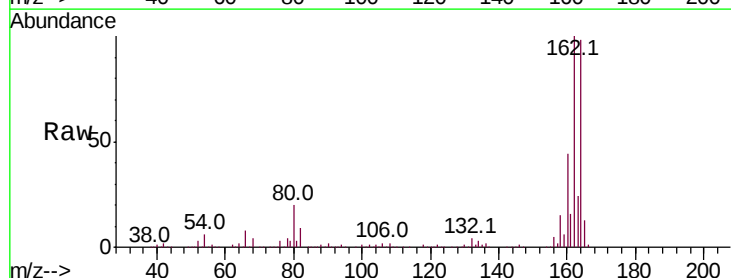
Tgt Ion:164 Resp: 657296

Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

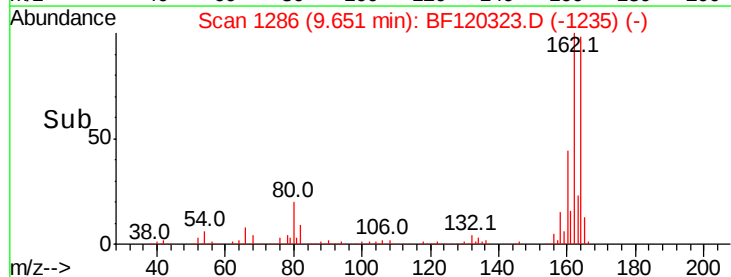
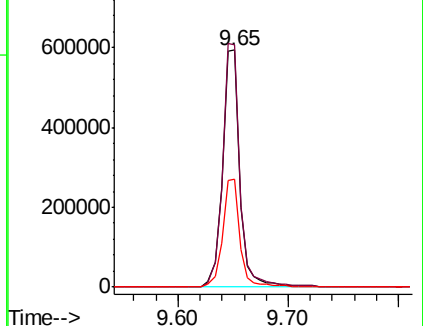
160 45.5 35.8 53.6

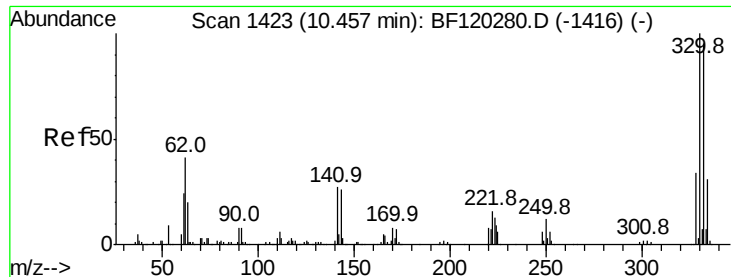


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

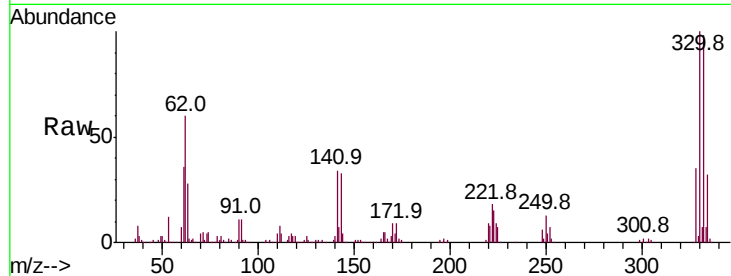




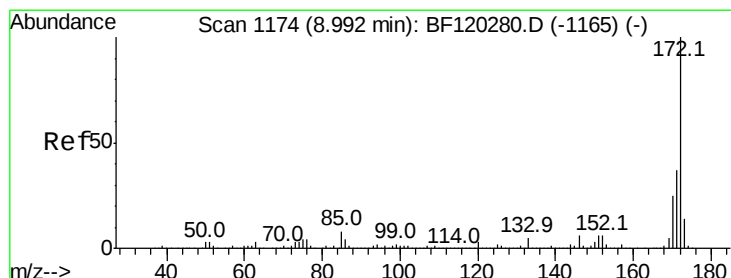
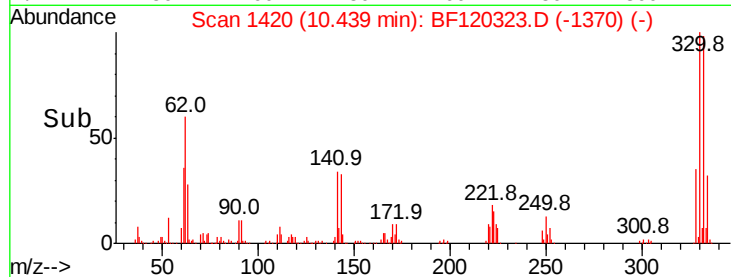
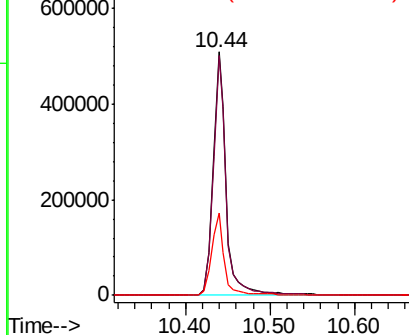
#42
 2,4,6-Tribromophenol
 Concen: 105.487 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120323.D
 Acq: 15 May 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 0363-COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	32.8	25.4	38.0

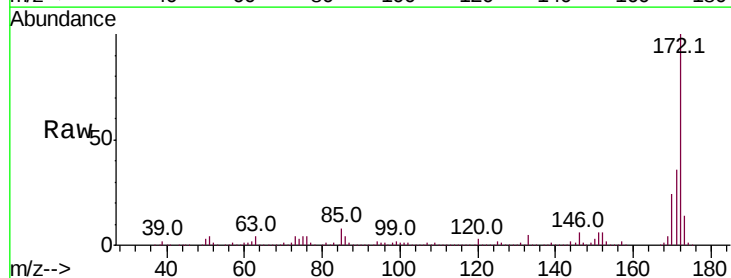


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

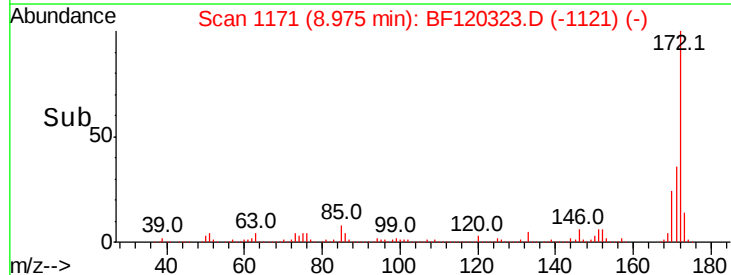
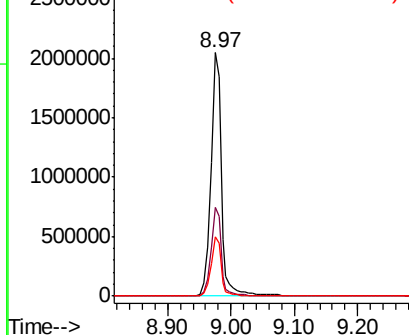


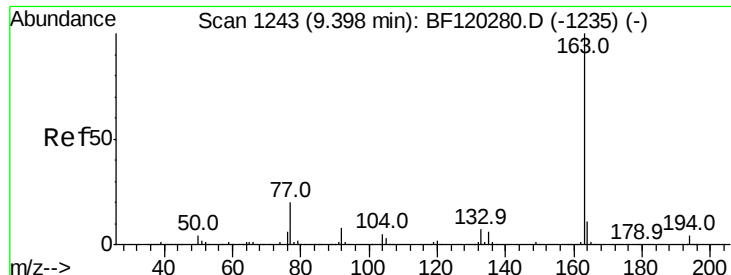
#45
 2-Fluorobiphenyl
 Concen: 73.744 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120323.D
 Acq: 15 May 2020 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.9	29.9



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

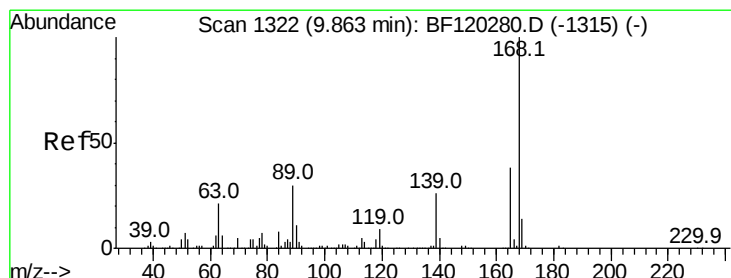
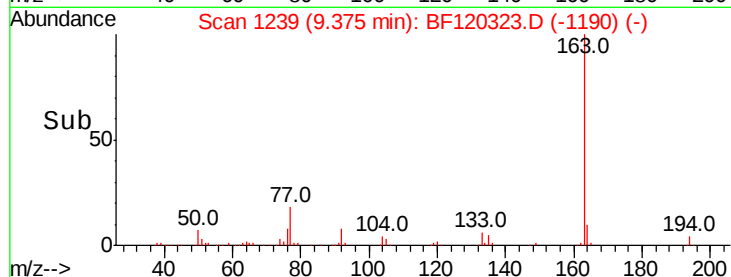
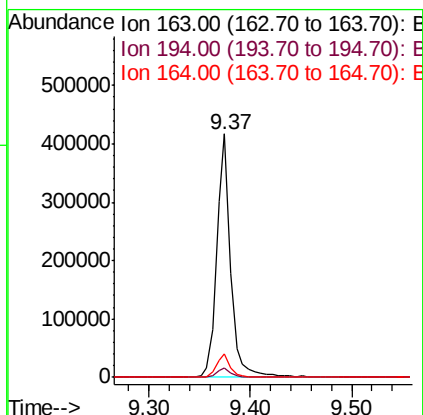
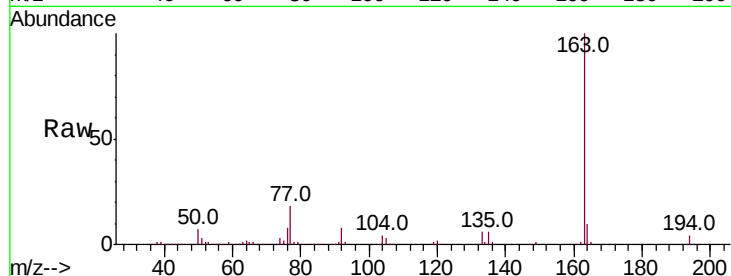




#50
Dimethylphthalate
Concen: 9.586 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

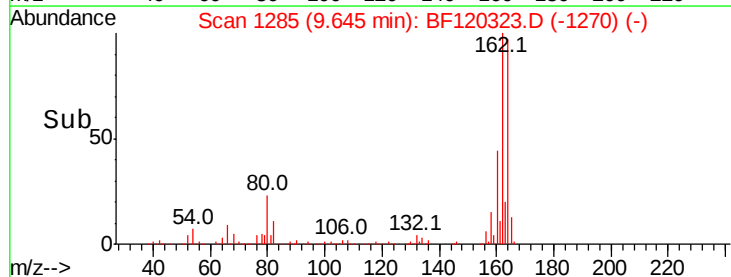
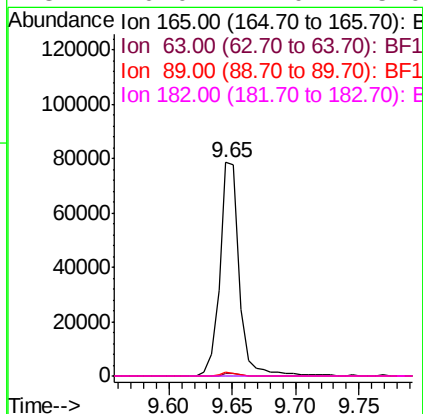
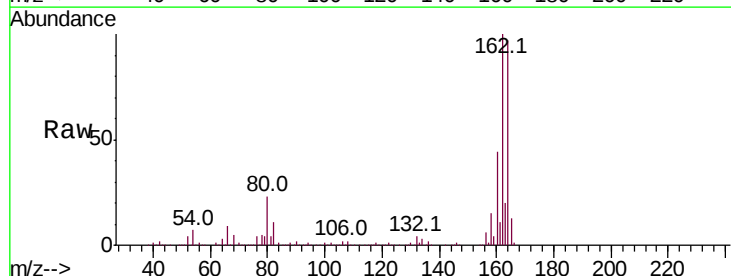
Instrument :
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0363-COMPOSITE-1

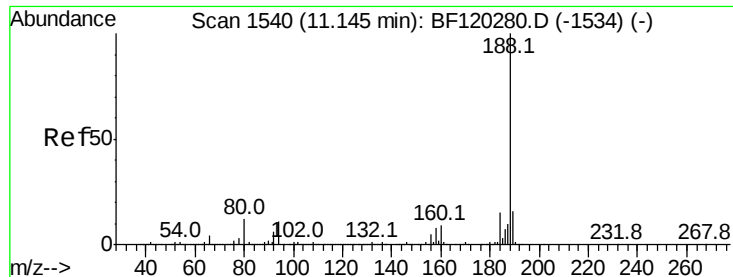
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.5	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 7.785 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.21 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.8	77.8#
89	1.6	64.2	96.4#
182	0.0	2.0	3.0#

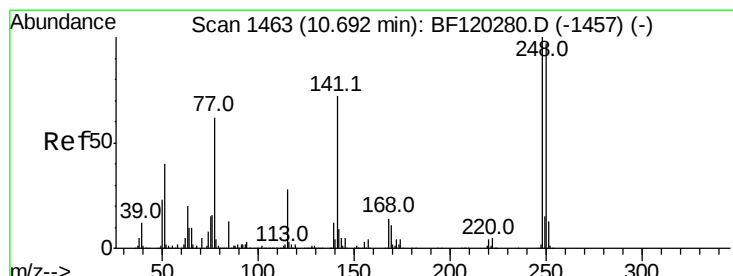
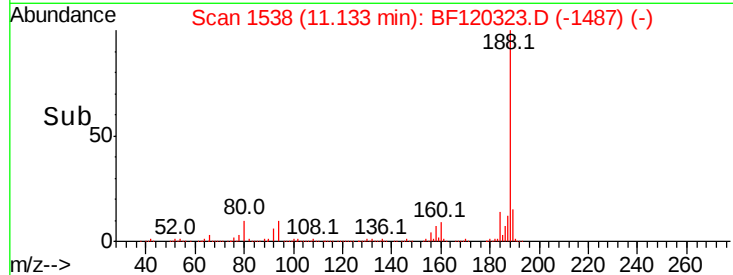
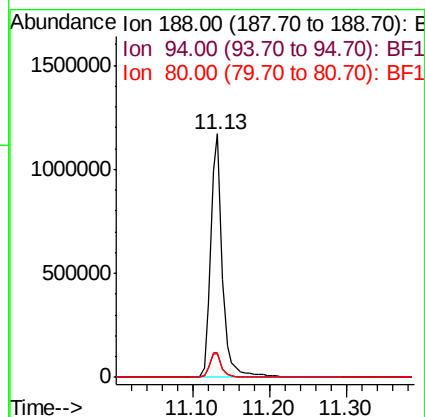
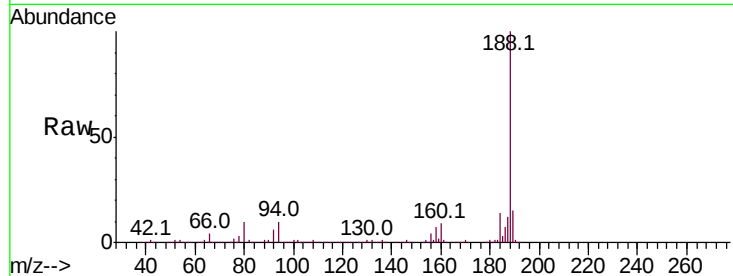




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

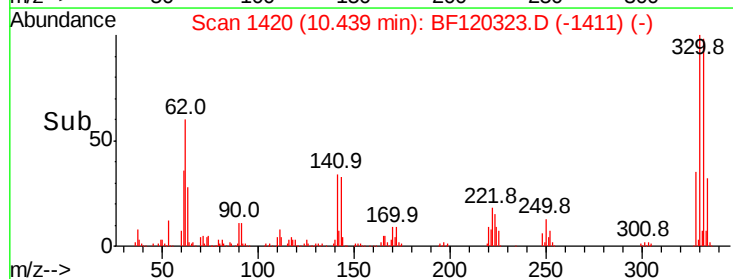
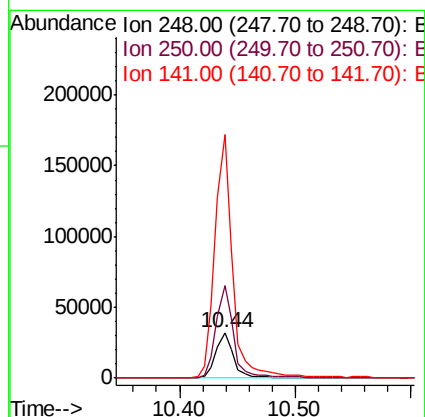
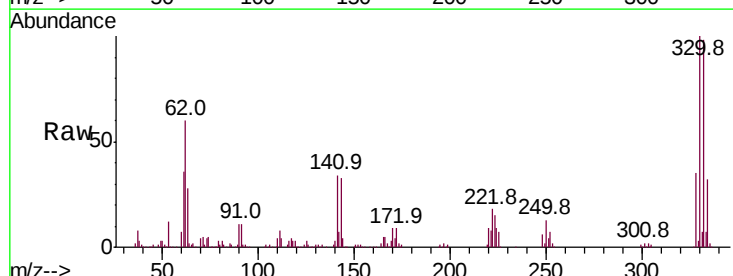
Instrument :
BNA_F
ClientSampleId :
0363-COMPOSITE-1

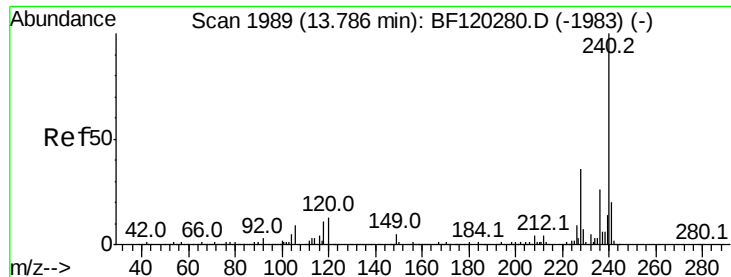
Tot Ion:188 Resp: 1227869
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 9.9 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.941 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.25 min
Lab File: BF120323.D
Acq: 15 May 2020 15:59

Tgt Ion:248 Resp: 35046
Ion Ratio Lower Upper
248 100
250 205.2 77.8 116.6#
141 536.5 57.7 86.5#





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

Instrument :

BNA_F

ClientSampleId :

0363-COMPOSITE-1

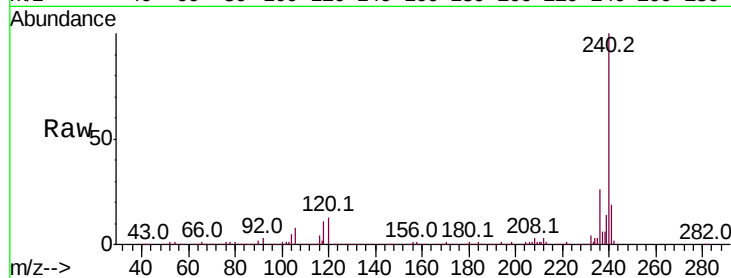
Tot Ion:240 Resp: 1115951

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.1	21.0	31.6

240 100

120 12.6 10.4 15.6

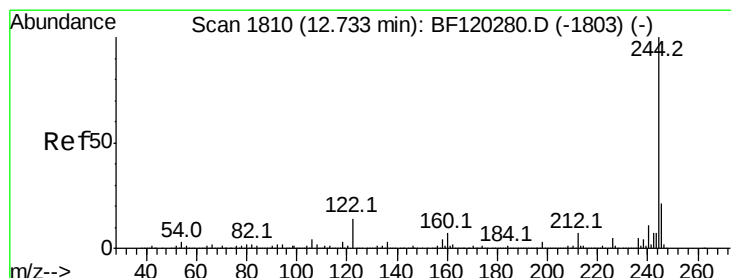
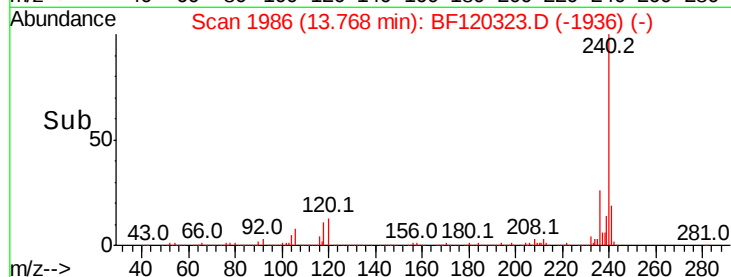
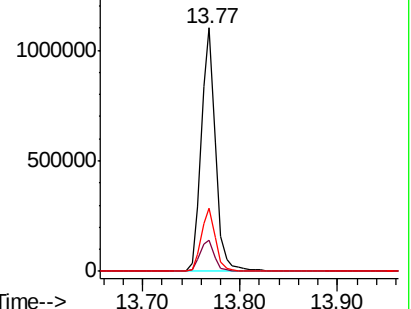
236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 53.427 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120323.D

Acq: 15 May 2020 15:59

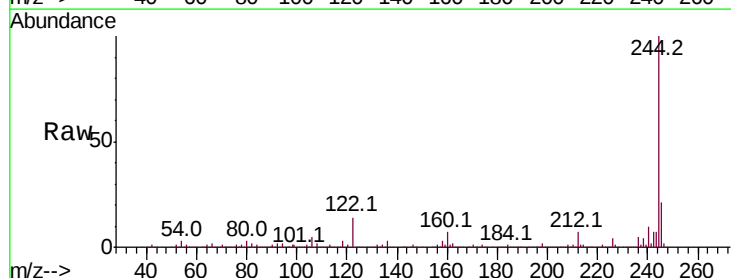
Tgt Ion:244 Resp: 2698768

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.8	10.8	16.2

244 100

212 6.8 5.8 8.6

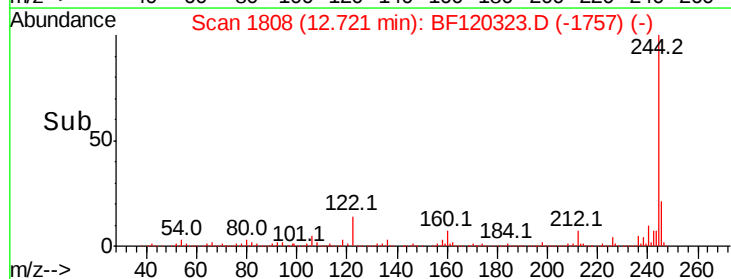
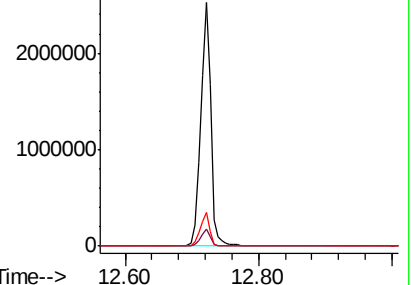
122 13.8 10.8 16.2

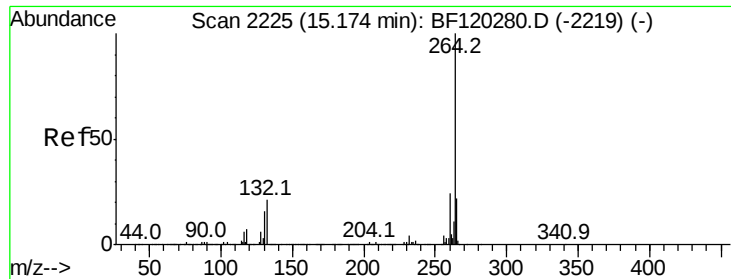


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

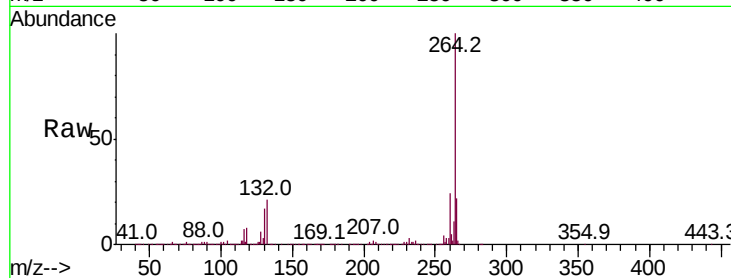




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF120323.D
 Acq: 15 May 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 0363-COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.4	17.5	26.3



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

