

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120018.D
 Acq On : 16 Apr 2020 3:19
 Operator : MA/SJ
 Sample : L2260-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Apr 16 04:29:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

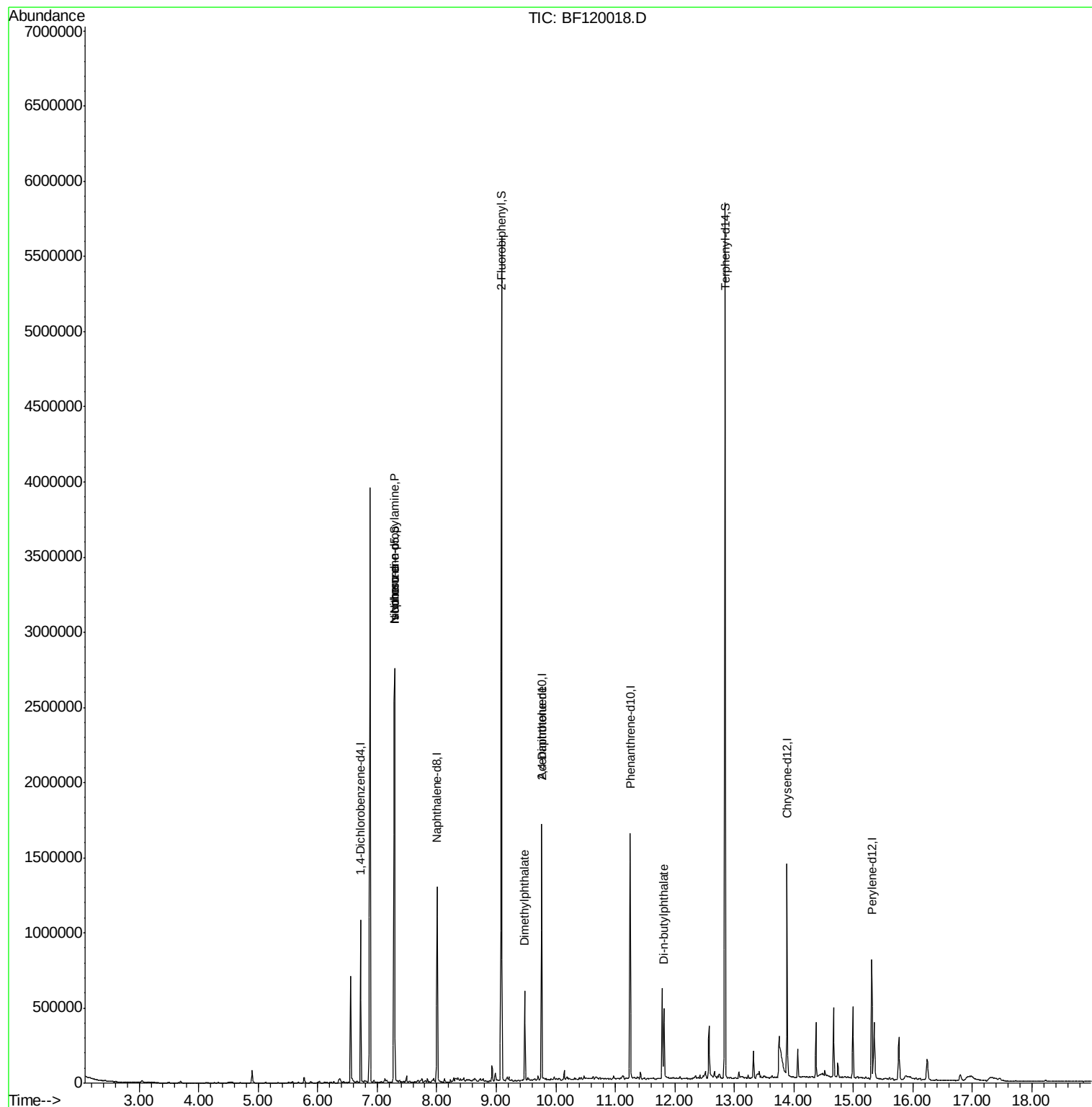
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144283	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570949	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	313066	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	615304	20.00	ng	0.00
76) Chrysene-d12	13.89	240	443756	20.00	ng	-0.01
87) Perylene-d12	15.31	264	341978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1281	0.15	ng	0.00
7) Phenol-d6	6.36	99	4249	0.39	ng	-0.01
23) Nitrobenzene-d5	7.29	82	954886	86.52	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	740	0.19	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1877180	85.13	ng	0.00
79) Terphenyl-d14	12.84	244	2189888	83.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	1670	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.29	70	125806	18.186 ng	#	74
25) Isophorone	7.29	82	954876	44.883 ng	#	65
50) Dimethylphthalate	9.48	163	213848	8.831 ng		99
57) 2,4-Dinitrotoluene	9.76	165	40831	5.844 ng	#	23
74) Di-n-butylphthalate	11.82	149	210567	5.063 ng		99

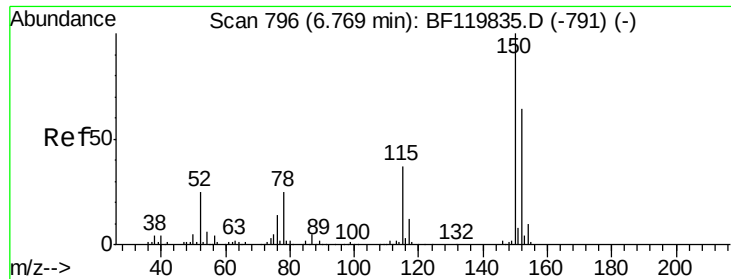
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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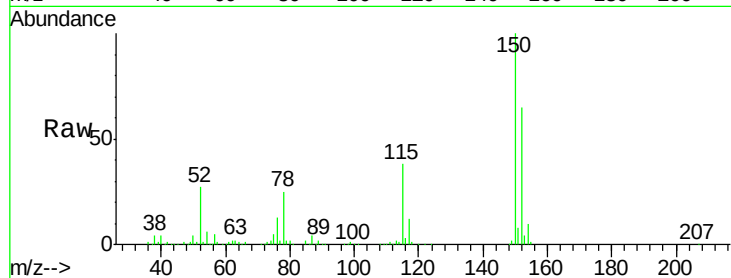


#1

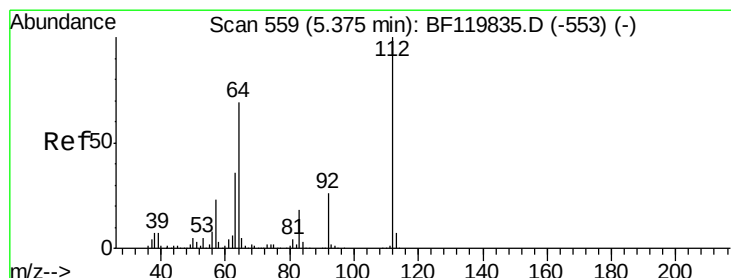
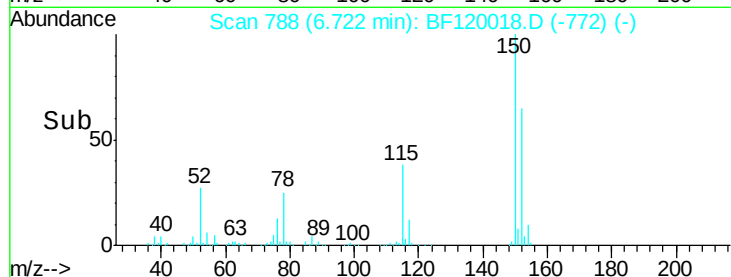
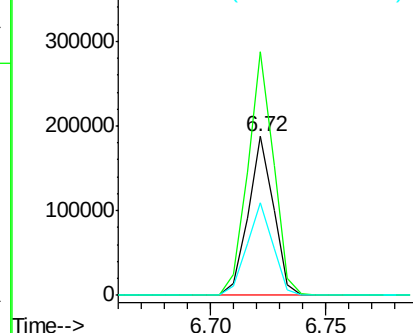
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.8	187.2
115	58.2	46.5	69.7



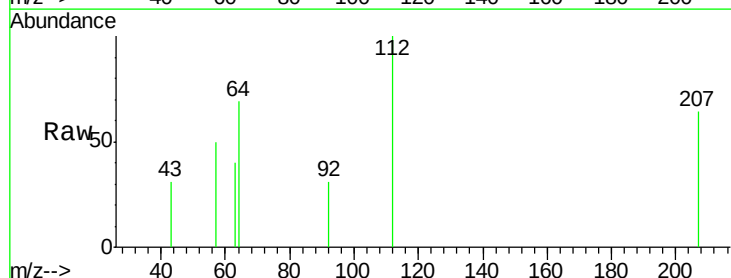
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



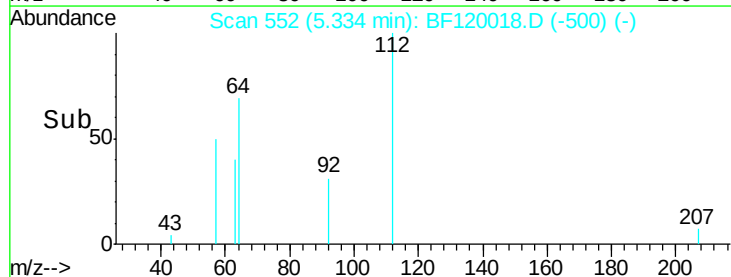
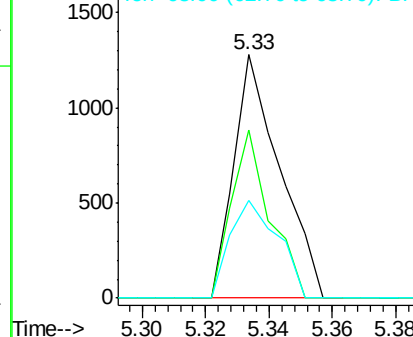
#5

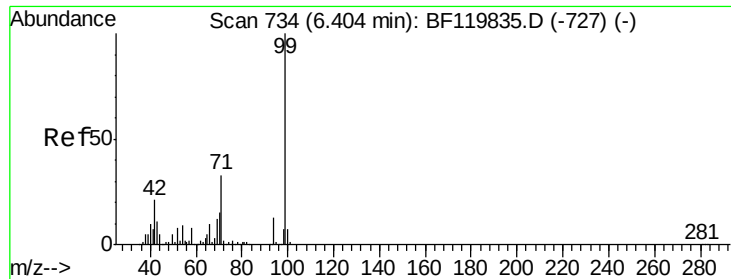
2-Fluorophenol
Concen: 0.153 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	55.5	83.3
63	40.2	29.1	43.7



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: 0.395 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

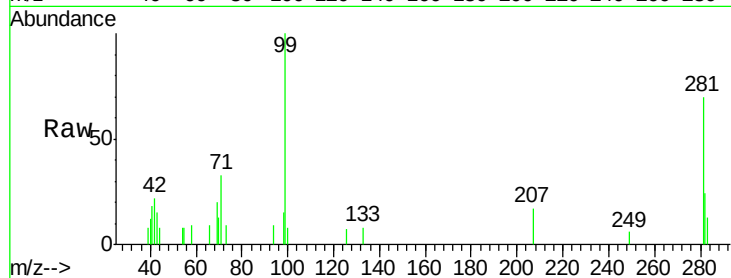
Tot Ion: 99 Resp: 4249

Ion Ratio Lower Upper

99 100

42 21.7 16.9 25.3

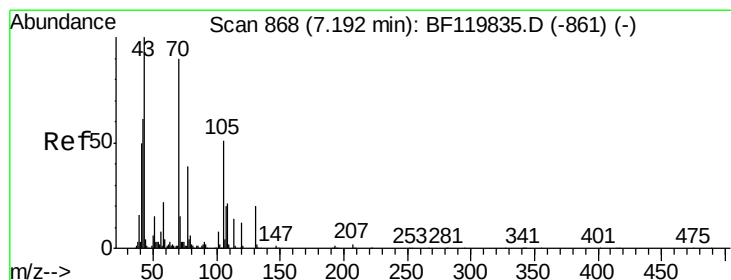
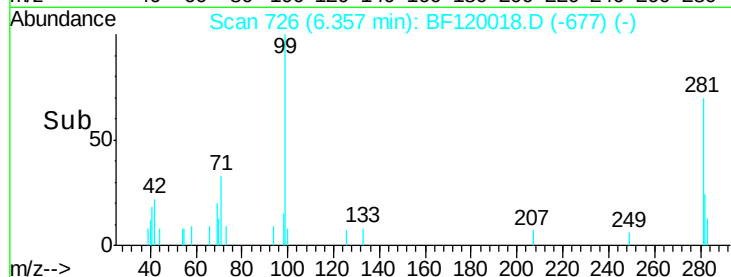
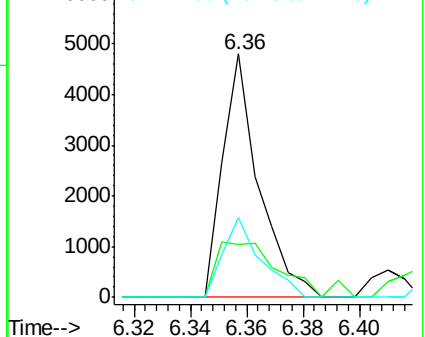
71 32.8 26.3 39.5



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: 18.186 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Tgt Ion: 70 Resp: 125806

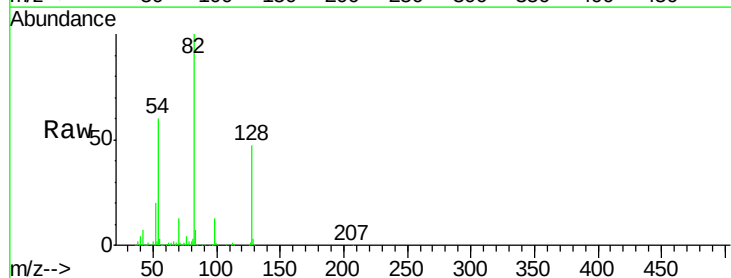
Ion Ratio Lower Upper

70 100

42 51.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

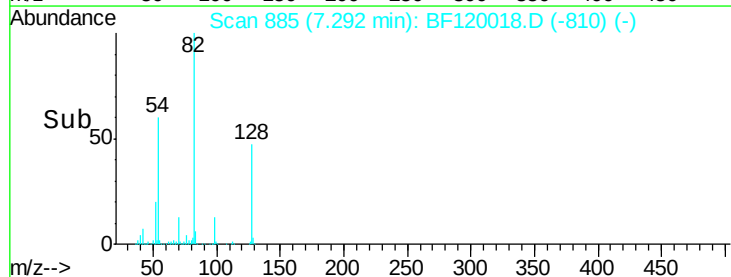
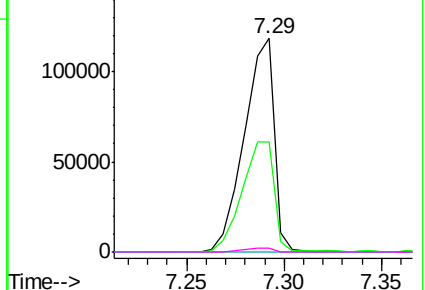


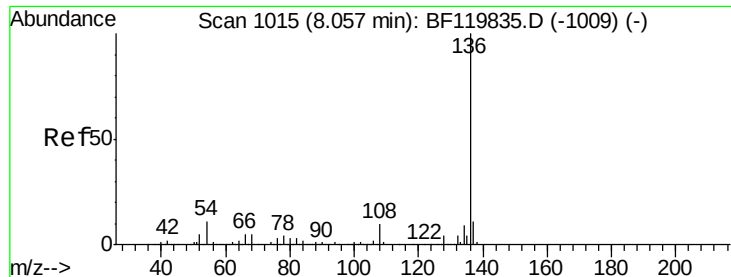
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

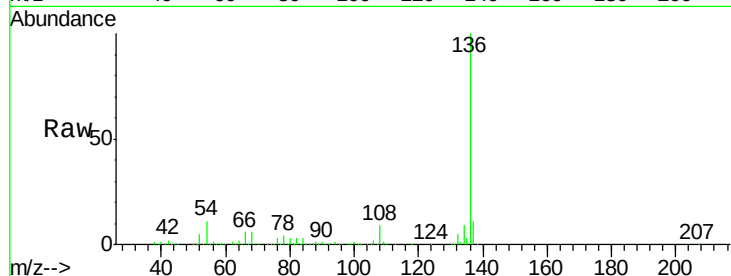




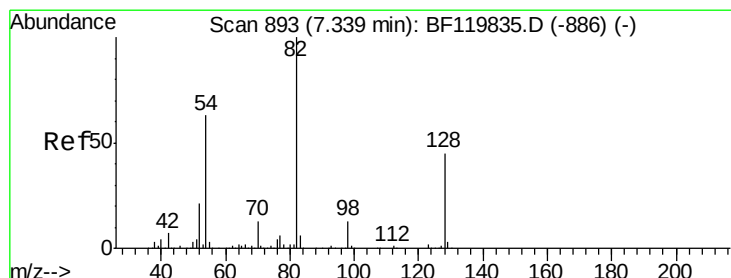
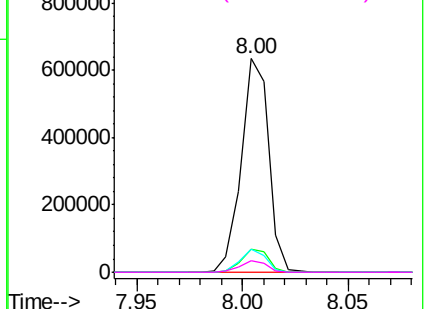
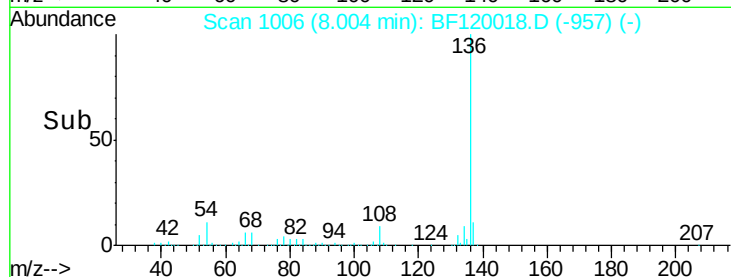
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion:136	Resp:	570949	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 10.8	8.5	12.7	
68 5.7	3.9	5.9	

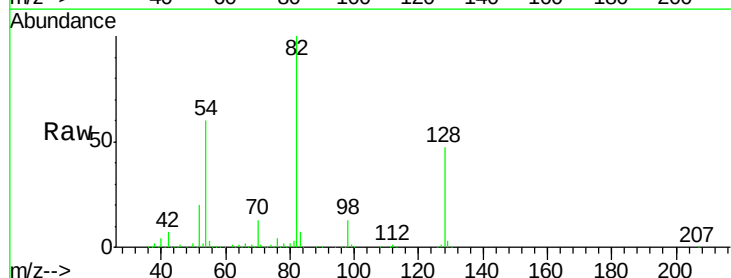


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

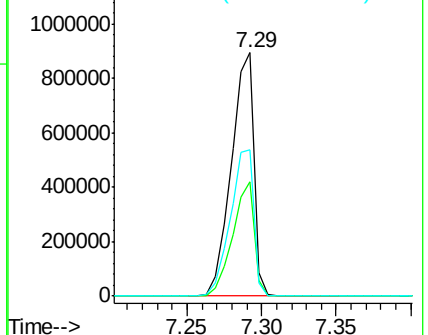
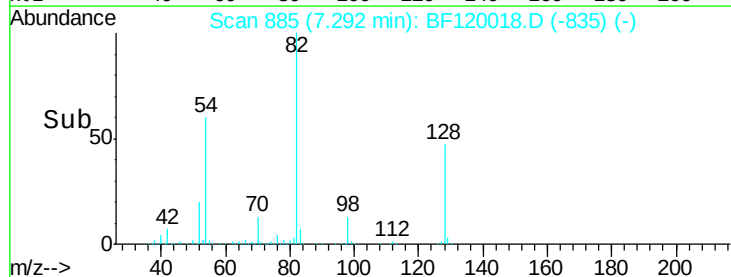


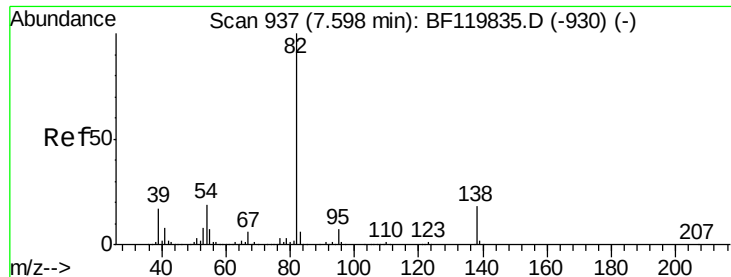
#23
Nitrobenzene-d5
Concen: 86.522 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Tgt Ion	82	Resp: Lower	954886 Upper
	Ratio 100		
128	47.0	36.2	54.4
54	59.9	50.4	75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.883 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

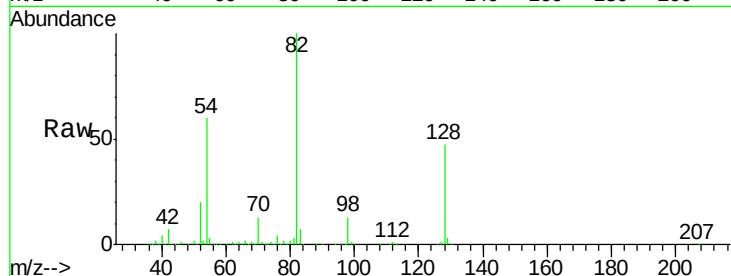
Tot Ion: 82 Resp: 954876

Ion Ratio Lower Upper

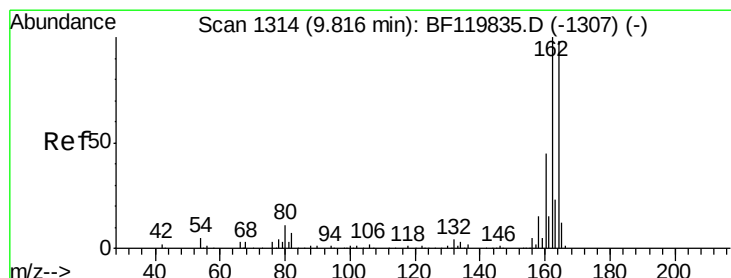
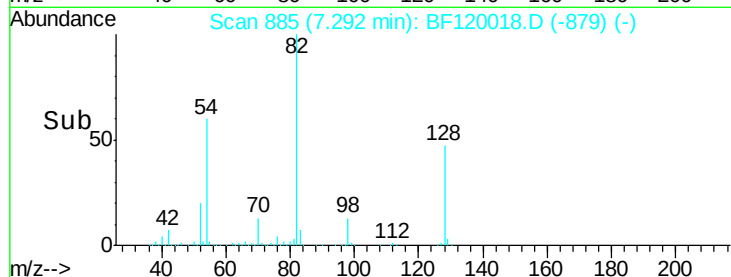
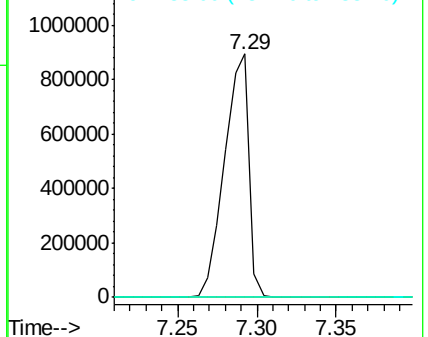
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

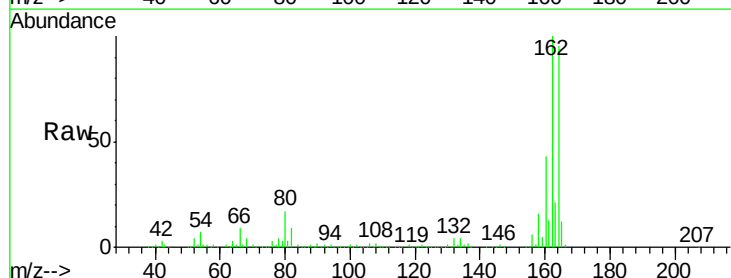
Tgt Ion: 164 Resp: 313066

Ion Ratio Lower Upper

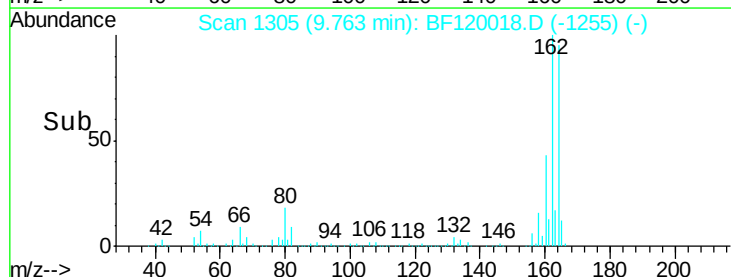
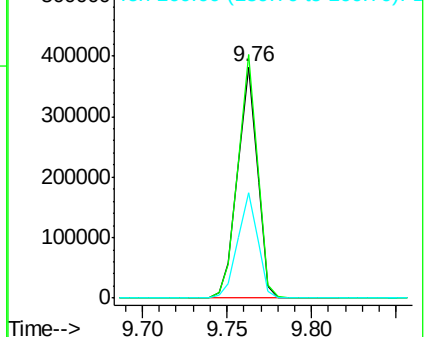
164 100

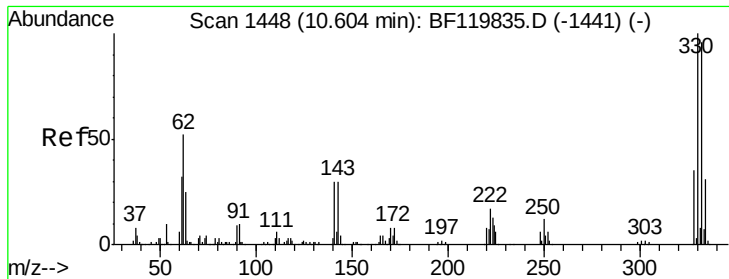
162 105.3 81.9 122.9

160 45.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

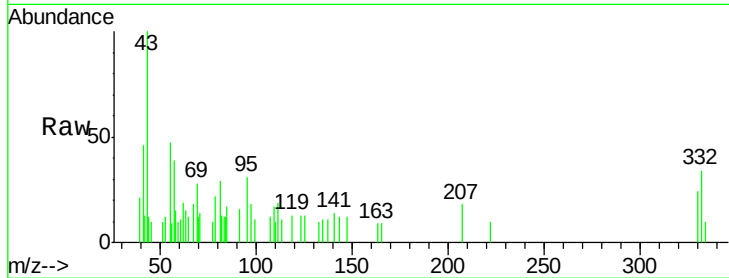




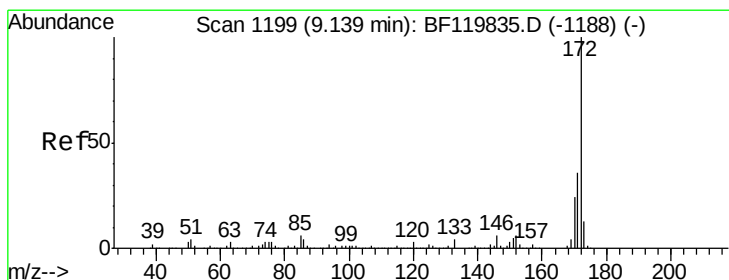
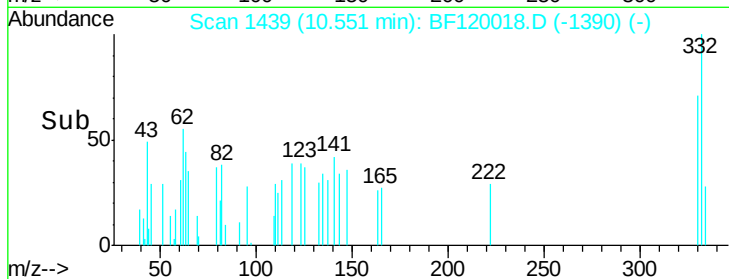
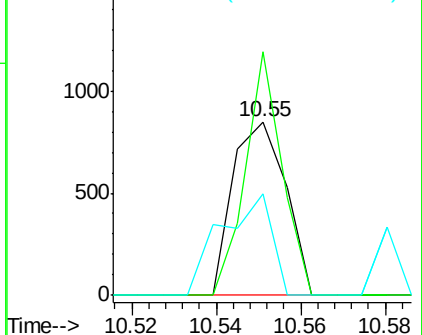
#42
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tot Ion:330 Resp: 740
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 55.9 25.1 37.7#

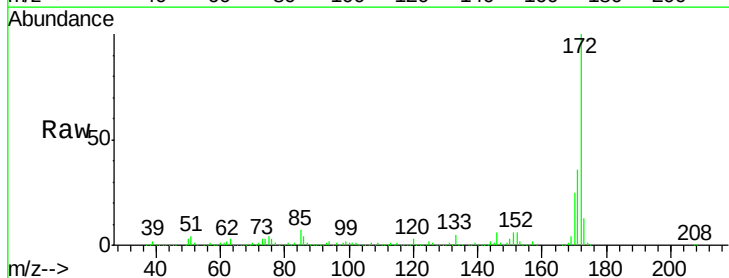


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

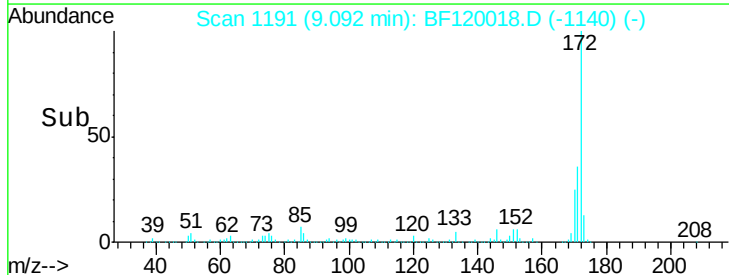
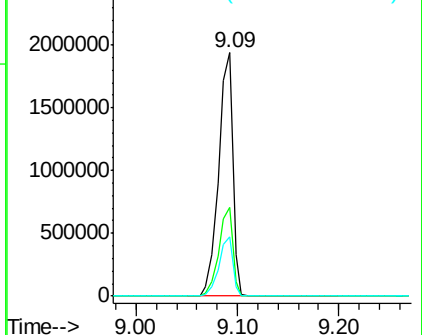


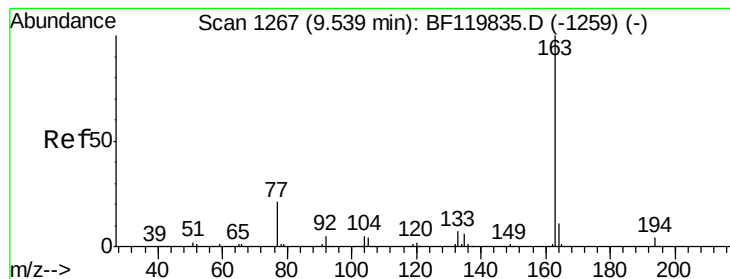
#45
 2-Fluorobiphenyl
 Concen: 85.132 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Tgt Ion:172 Resp: 1877180
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.6 19.4 29.2



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: 8.831 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Instrument :

BNA_F

ClientSampleId :

OB-722

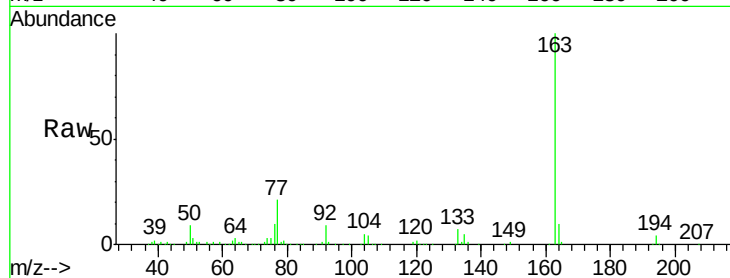
Tot Ion:163 Resp: 213848

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

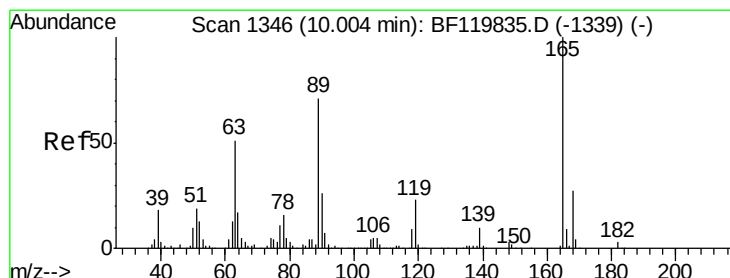
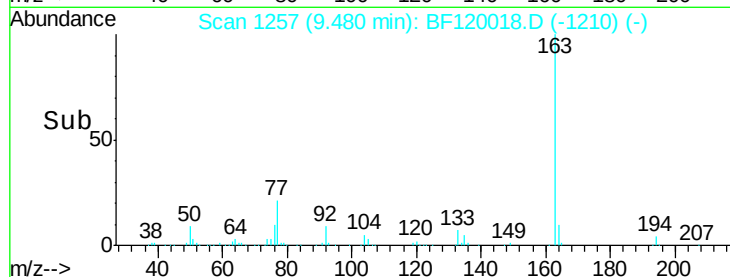
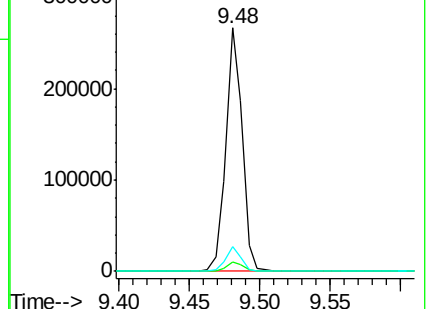
164 10.1 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.844 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120018.D

Acq: 16 Apr 2020 3:19

Tgt Ion:165 Resp: 40831

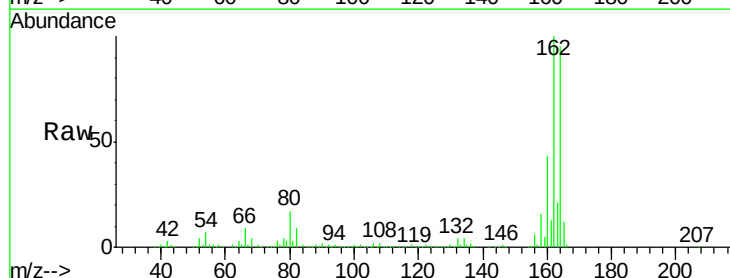
Ion Ratio Lower Upper

165 100

63 1.2 40.8 61.2#

89 1.5 56.9 85.3#

182 0.0 2.0 3.0#

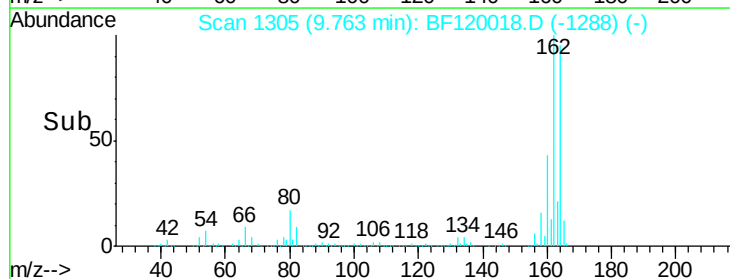
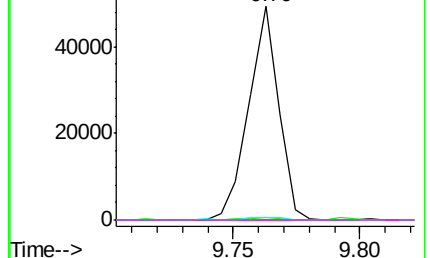


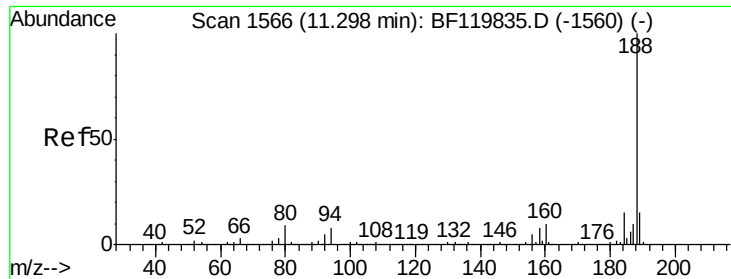
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

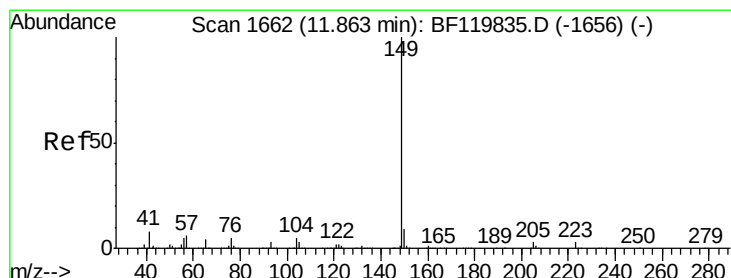
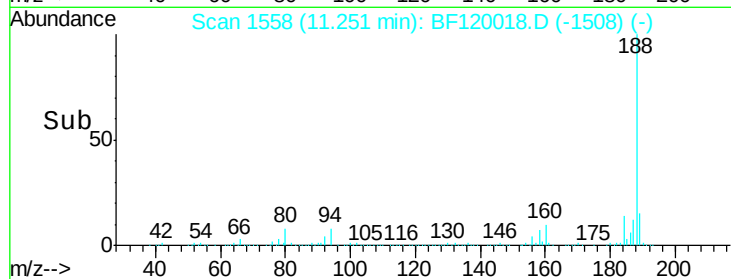
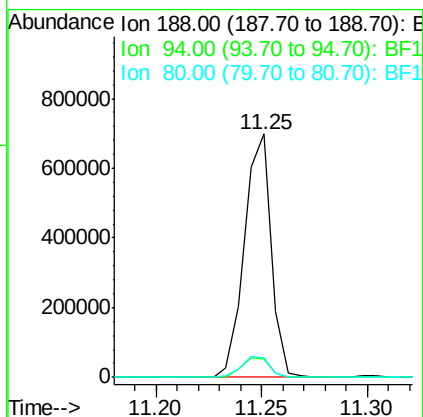
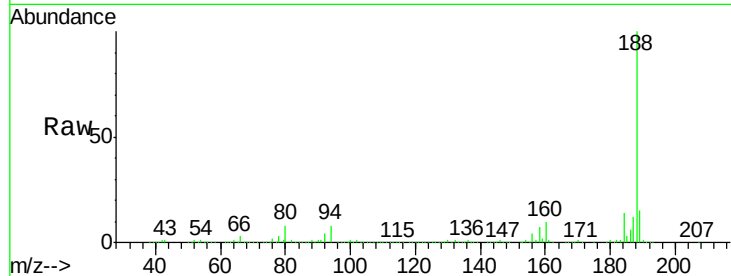




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

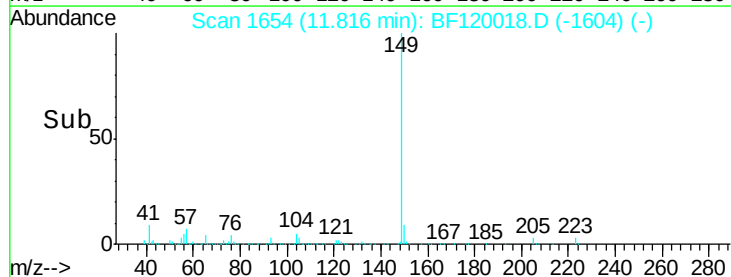
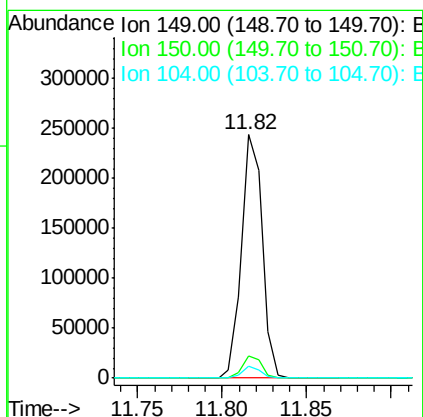
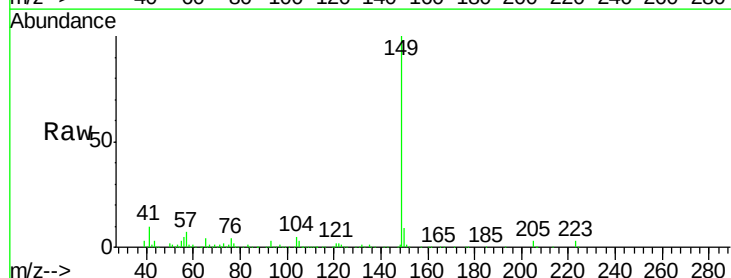
Instrument :
 BNA_F
 ClientSampleId :
 OB-722

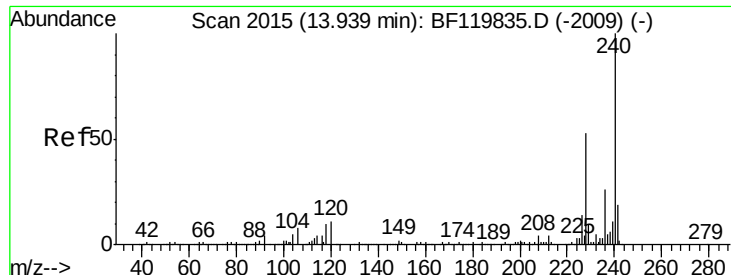
Tot Ion:188 Resp: 615304
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.7 10.1
 80 8.3 7.4 11.2



#74
 Di-n-butylphthalate
 Concen: 5.063 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Tgt Ion:149 Resp: 210567
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 4.7 3.8 5.6

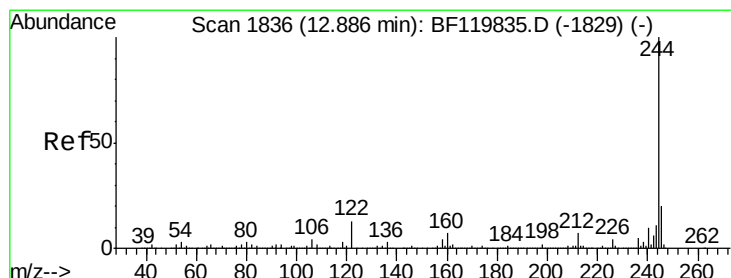
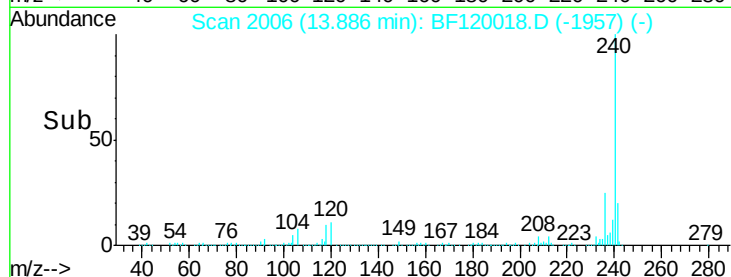
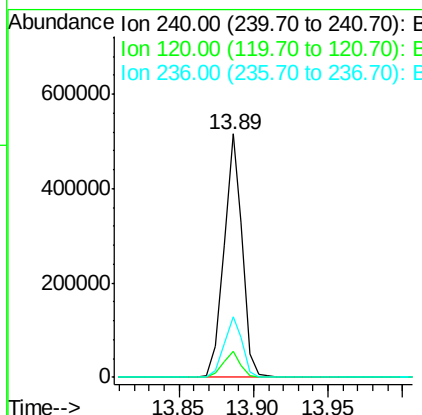
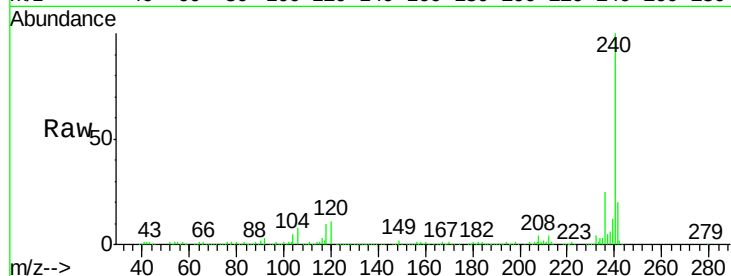




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

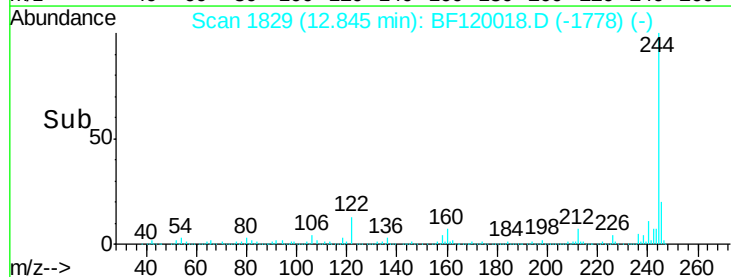
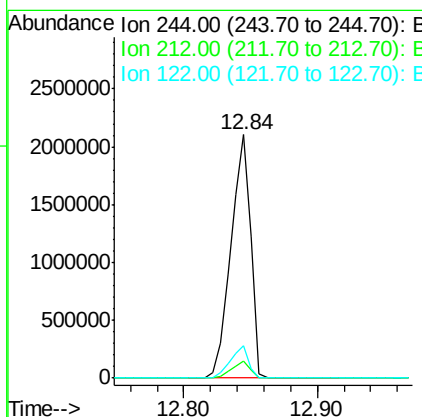
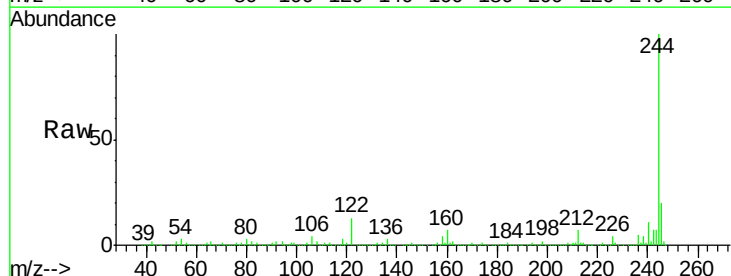
Instrument :
 BNA_F
 ClientSampleId :
 OB-722

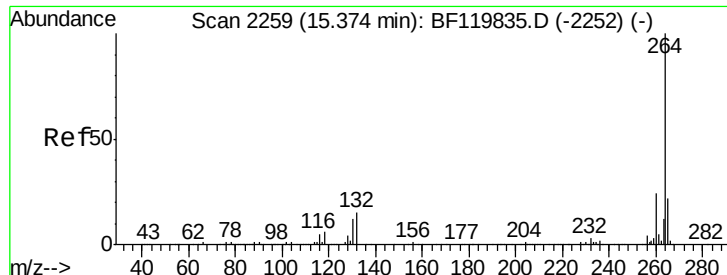
Tot Ion:240 Resp: 443756
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.1 20.7 31.1



#79
 Terphenyl-d14
 Concen: 83.037 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF120018.D
 Acq: 16 Apr 2020 3:19

Tgt Ion:244 Resp: 2189888
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.1 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120018.D
Acq: 16 Apr 2020 3:19

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	20.9	17.6	26.4

