

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118735.D
 Acq On : 29 Jan 2020 16:59
 Operator : CG/JU
 Sample : PB126434BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:10:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

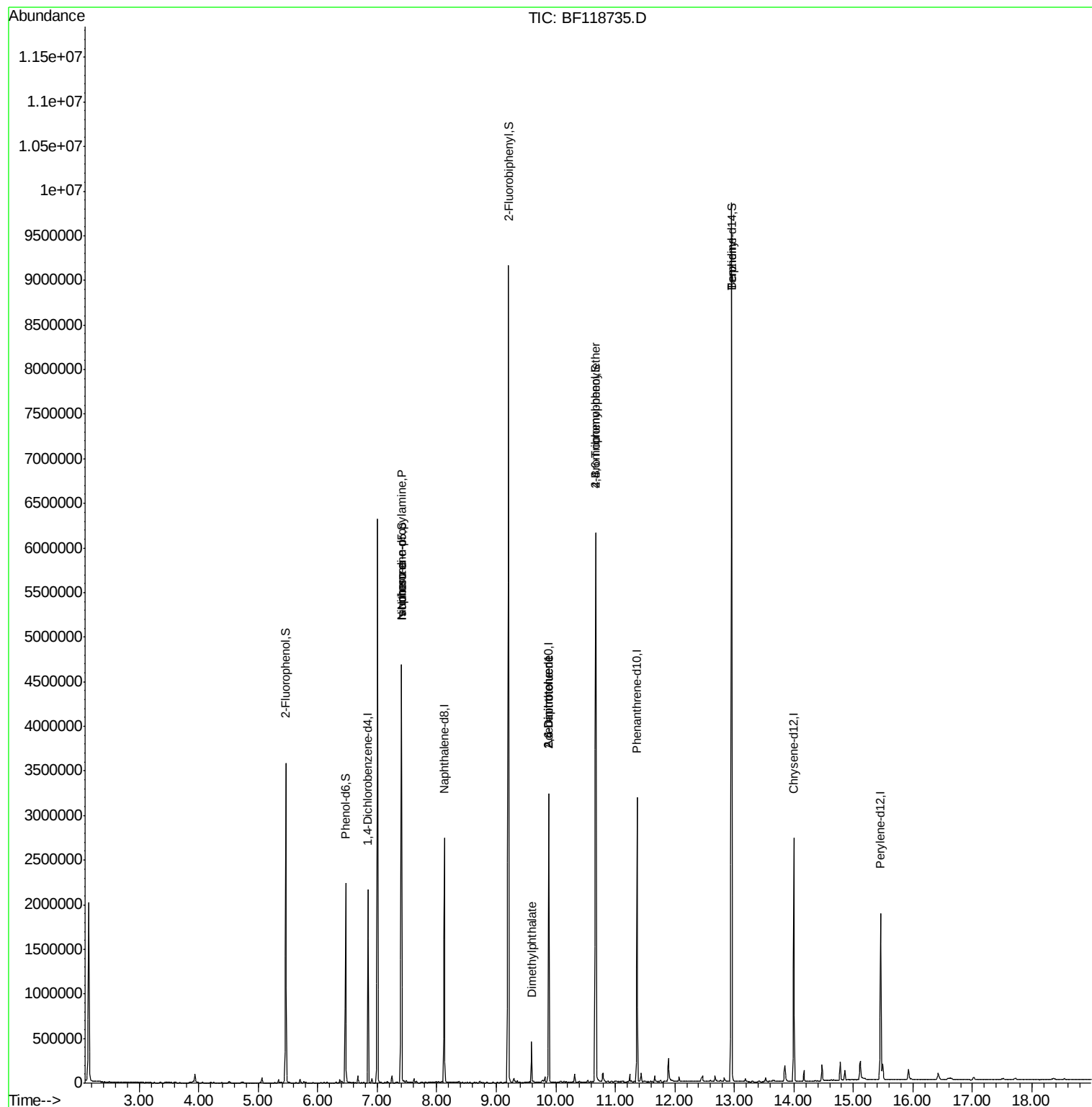
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	323010	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1223359	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	690867	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1292429	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	987257	20.00	ng	-0.02
87) Perylene-d12	15.46	264	908411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1024370	58.90	ng	-0.01
7) Phenol-d6	6.47	99	773051	34.20	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1758919	80.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1004091	125.66	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3278306	77.99	ng	-0.02
79) Terphenyl-d14	12.96	244	4020843	88.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	244110	15.993	ng	# 75
25) Isophorone	7.41	82	1754866	43.990	ng	# 63
50) Dimethylphthalate	9.59	163	171813	3.817	ng	# 99
51) 2,6-Dinitrotoluene	9.88	165	90373	8.966	ng	# 29
57) 2,4-Dinitrotoluene	9.88	165	90373	7.112	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	65402	4.096	ng	# 1
77) Benzidine	12.96	184	53178	2.016	ng	# 93

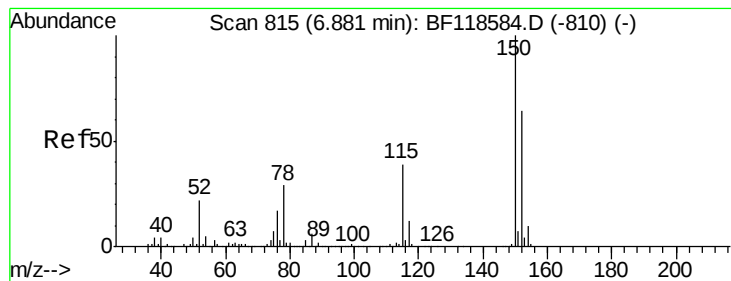
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
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ALS Vial : 11 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA_F

ClientSampleId :

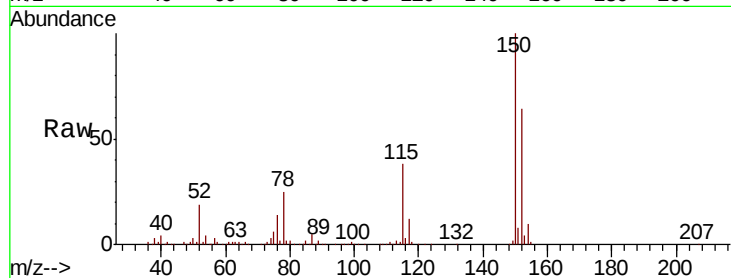
Tot Ion:152 Resp: 323010

Ion Ratio Lower Upper

152 100

150 157.2 123.7 185.5

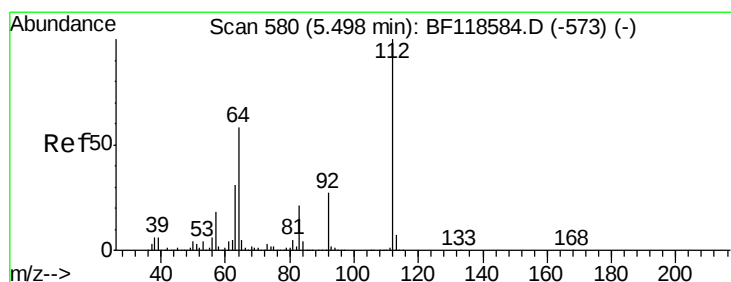
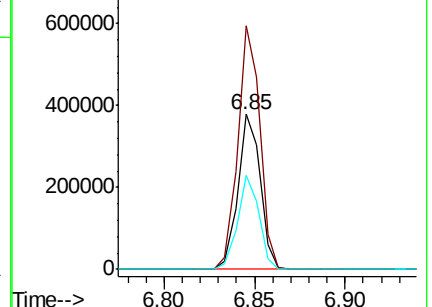
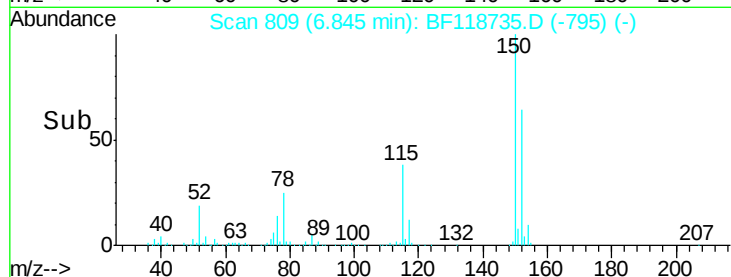
115 60.3 45.1 67.7



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: 58.900 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

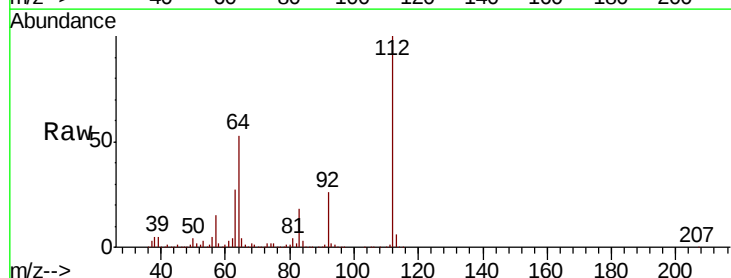
Tgt Ion:112 Resp: 1024370

Ion Ratio Lower Upper

112 100

64 53.4 42.4 63.6

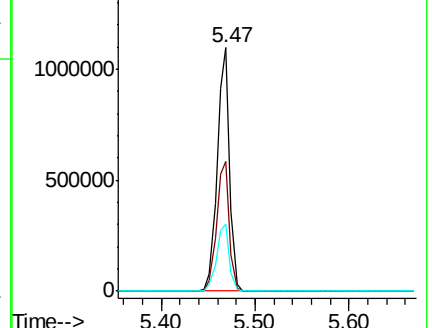
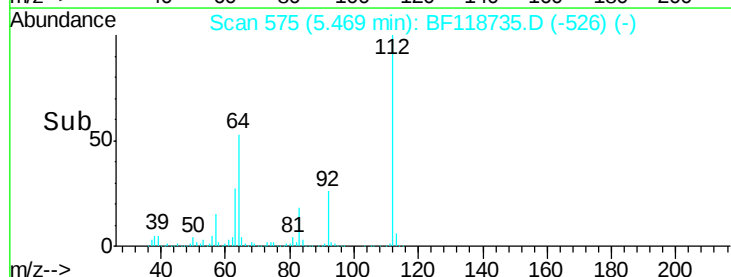
63 27.3 21.7 32.5

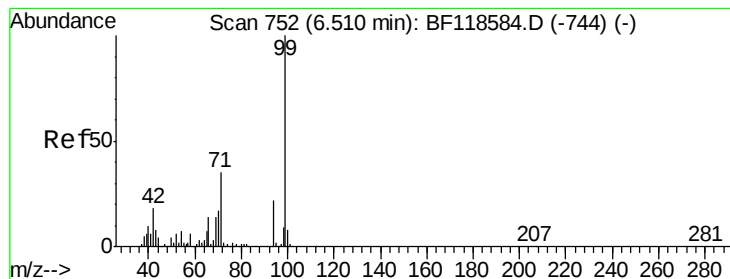


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.198 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA_F

ClientSampled :

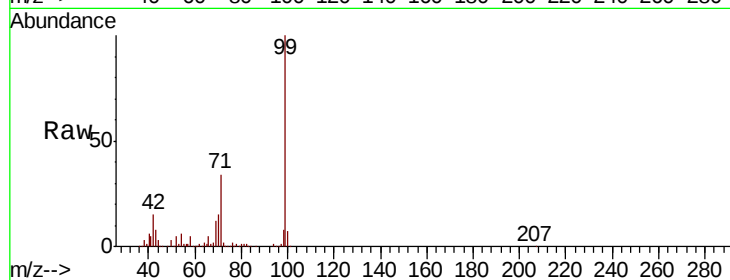
Tot Ion: 99 Resp: 773051

Ion Ratio Lower Upper

99 100

42 15.1 13.1 19.7

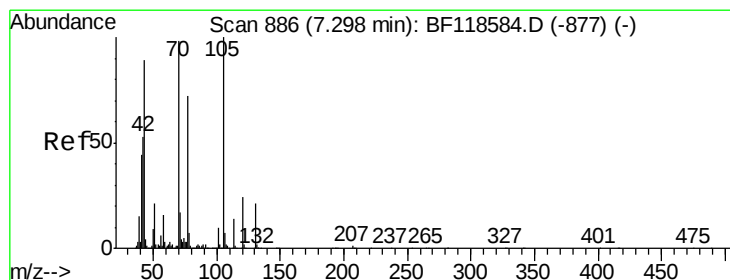
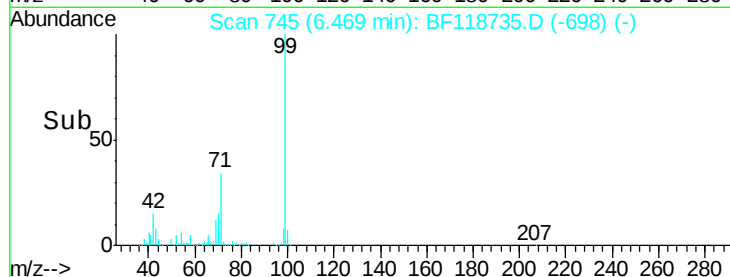
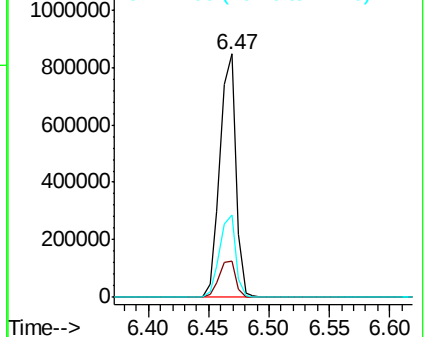
71 34.0 28.4 42.6



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: 15.993 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Tgt Ion: 70 Resp: 244110

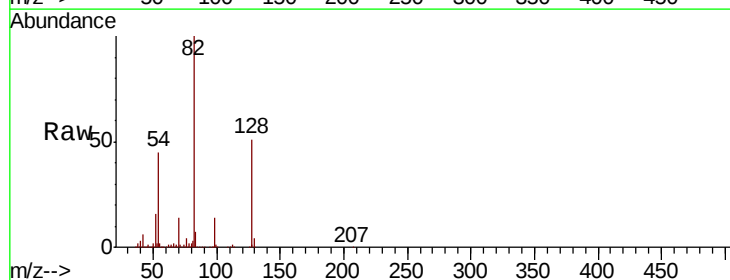
Ion Ratio Lower Upper

70 100

42 40.9 41.6 62.4#

101 0.0 7.9 11.9#

130 2.3 19.0 28.6#

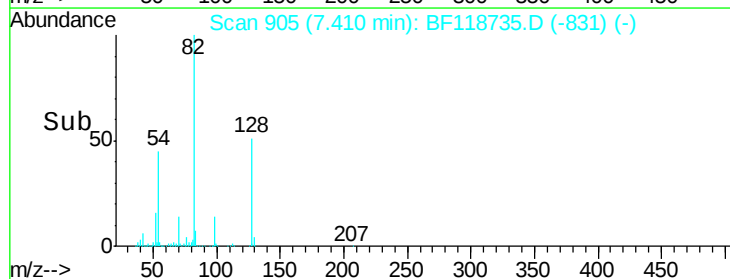
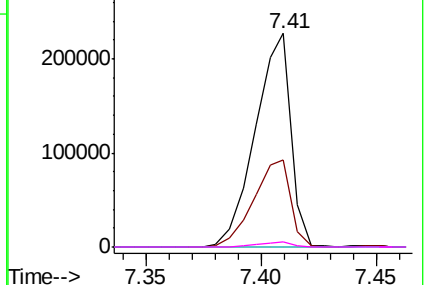


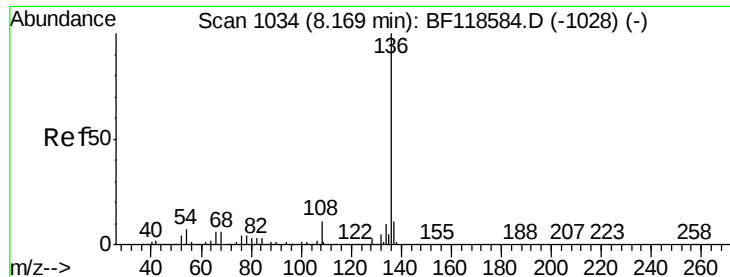
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

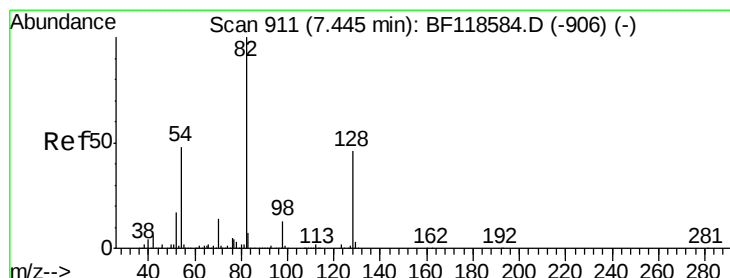
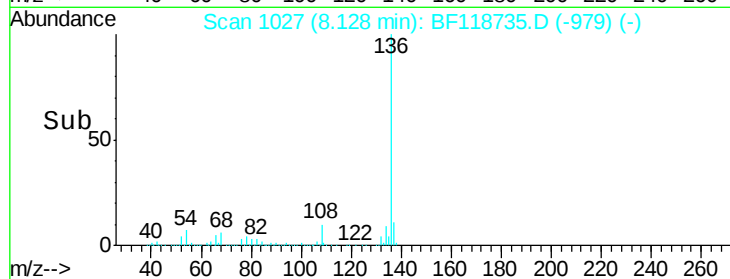
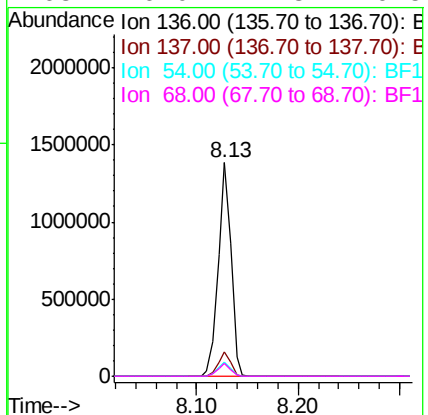
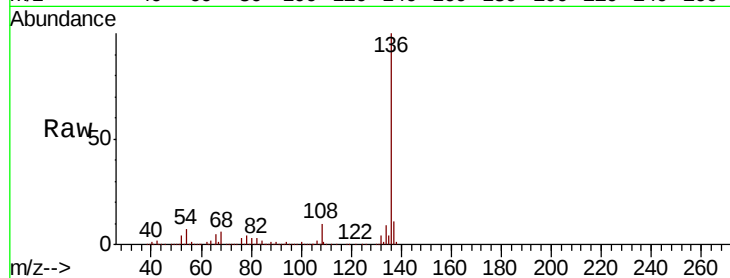




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

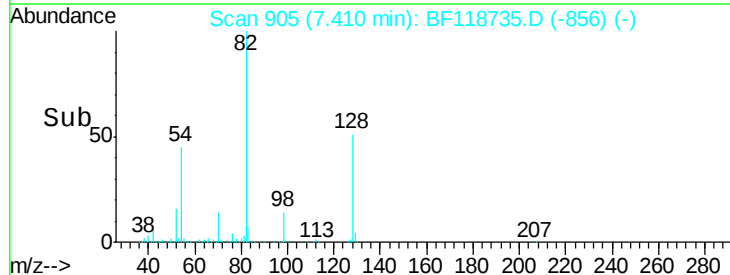
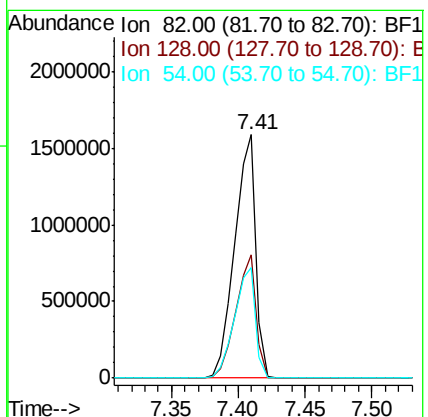
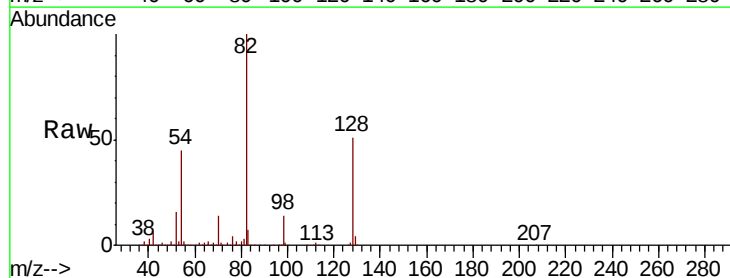
Instrument :
BNA_F
ClientSampleId :

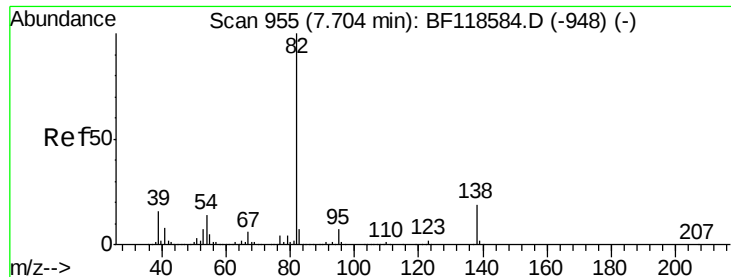
Tot Ion:136	Resp: 1223359
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 6.8	5.1 7.7
68 6.0	4.3 6.5



#23
Nitrobenzene-d5
Concen: 80.421 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Tgt	Ion: 82	Resp: 1758919	
Ion	Ratio	Lower	Upper
82	100		
128	50.7	38.2	57.2
54	45.5	36.1	54.1





#25

Isophorone

Concen: 43.990 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA_F

ClientSampleId :

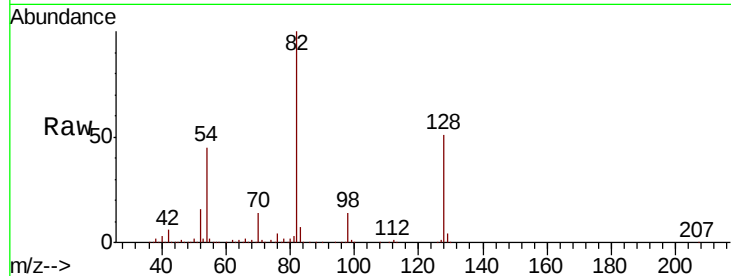
Tot Ion: 82 Resp: 1754866

Ion Ratio Lower Upper

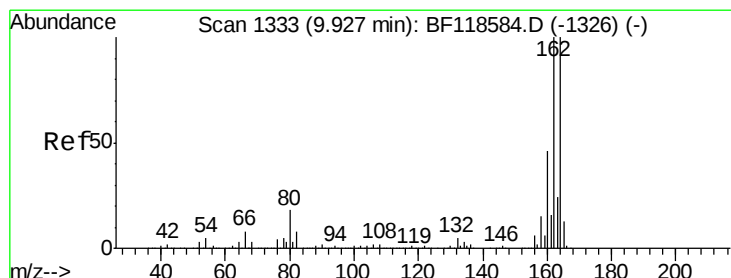
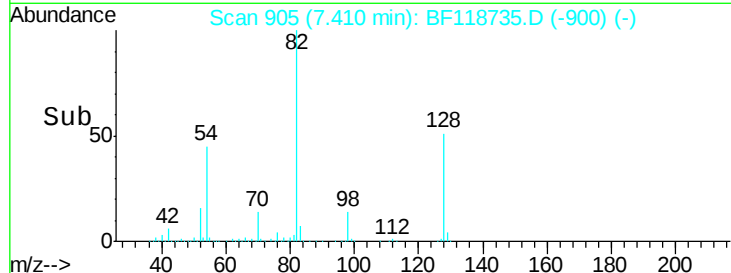
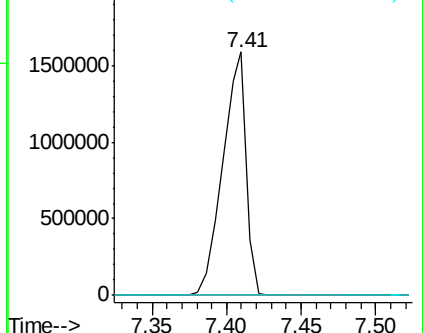
82 100

95 0.0 5.8 8.8#

138 0.0 15.8 23.8#



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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

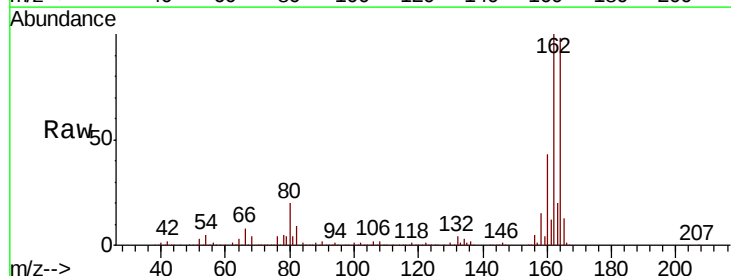
Tgt Ion: 164 Resp: 690867

Ion Ratio Lower Upper

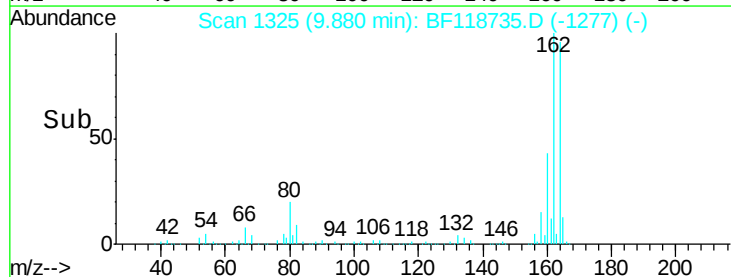
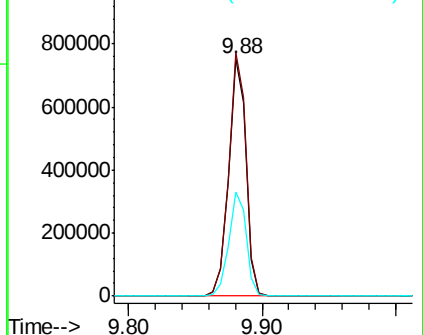
164 100

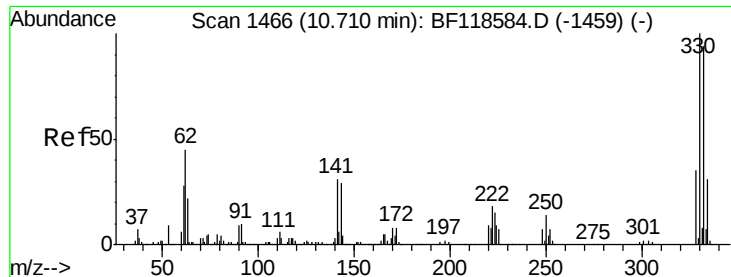
162 102.4 80.8 121.2

160 43.9 35.4 53.0



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: 125.657 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA_F

ClientSampleId :

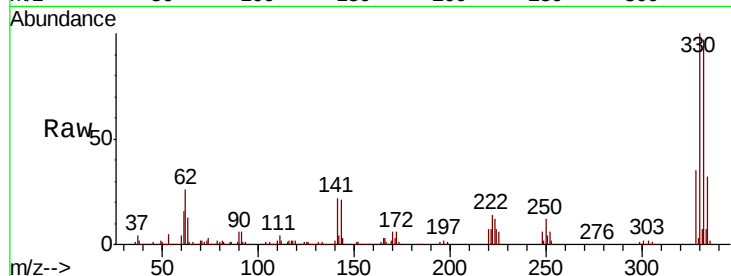
Tot Ion:330 Resp: 1004091

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

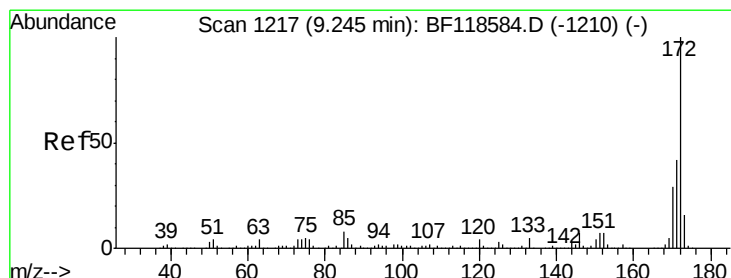
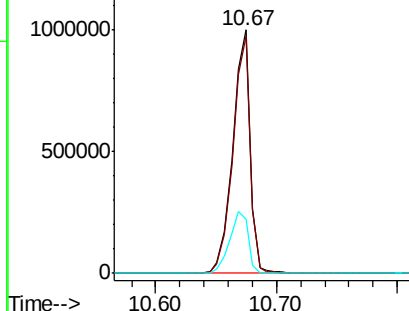
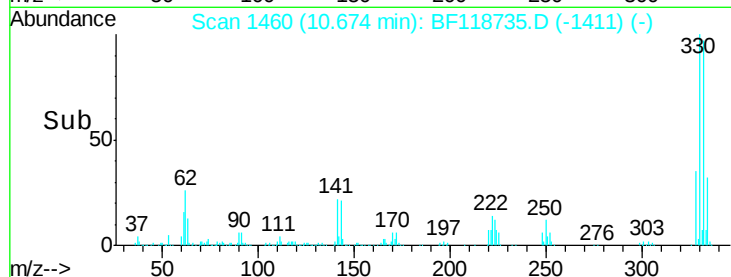
141 27.5 22.2 33.2



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: 77.993 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

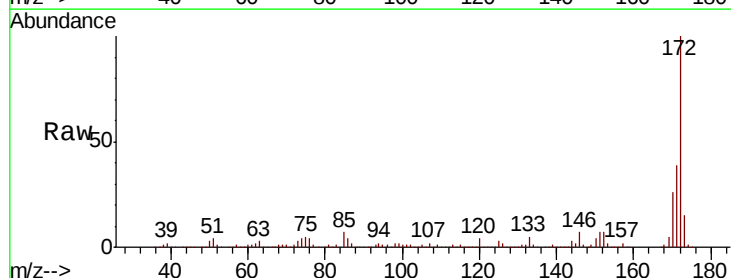
Tgt Ion:172 Resp: 3278306

Ion Ratio Lower Upper

172 100

171 38.7 31.0 46.4

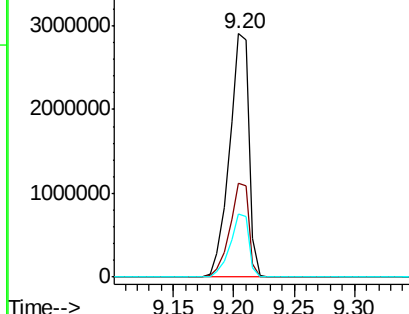
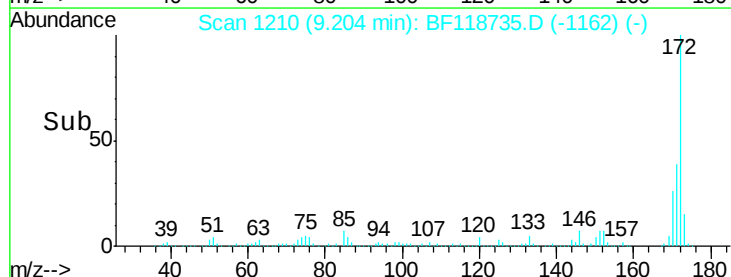
170 26.1 20.7 31.1

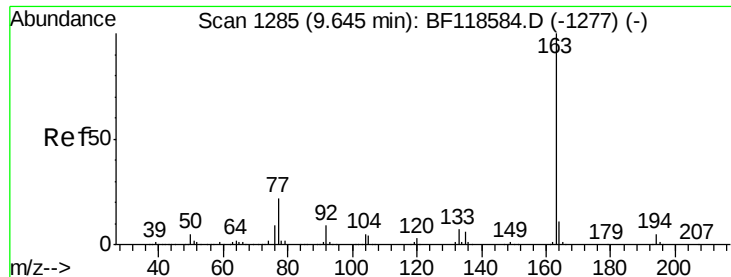


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

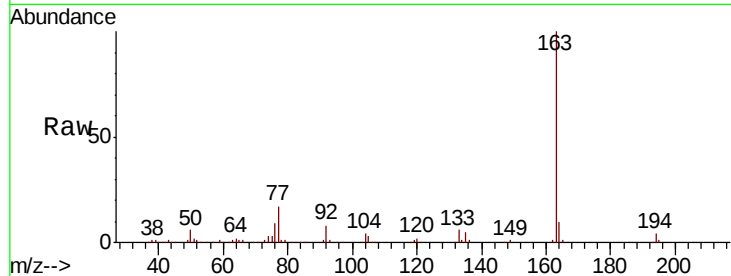




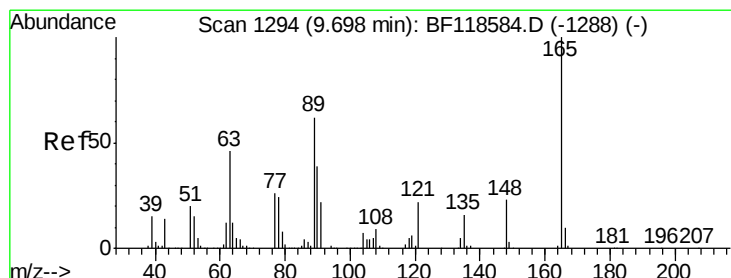
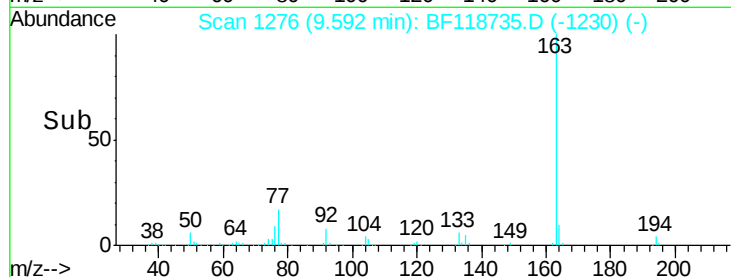
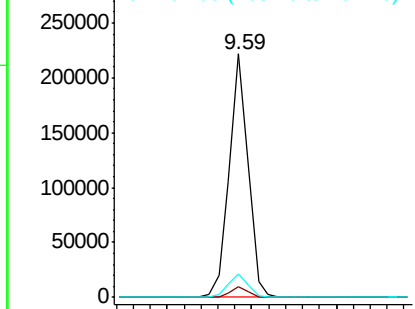
#50
Dimethylphthalate
Concen: 3.817 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 171813
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.8 8.2 12.2

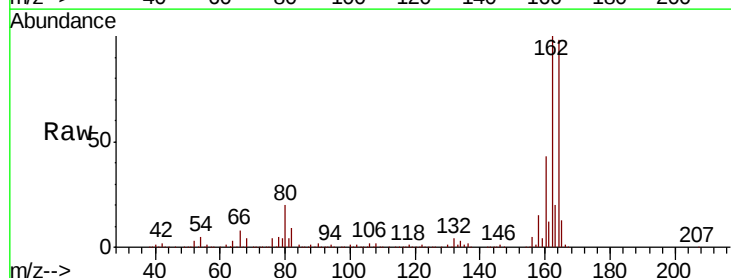


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

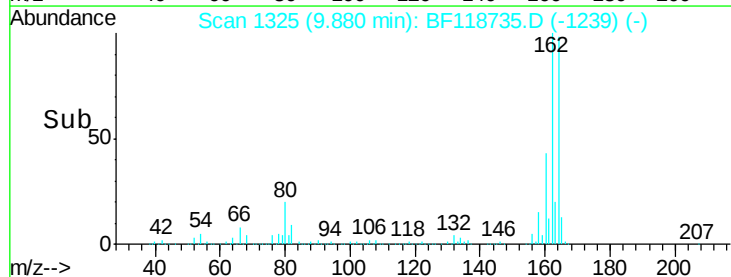
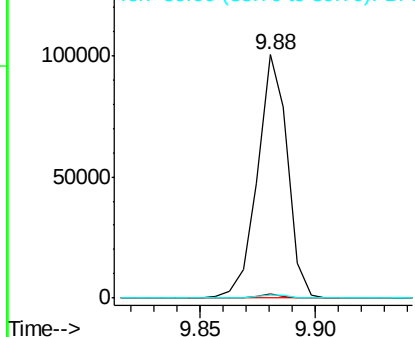


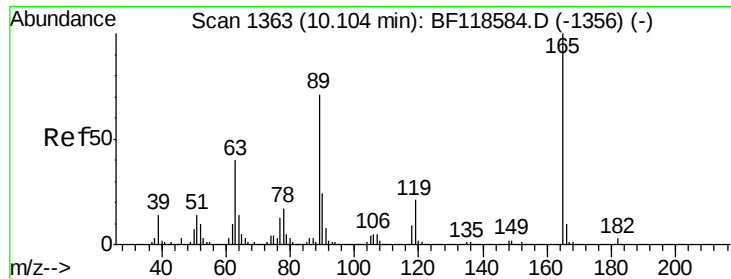
#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Tgt Ion:165 Resp: 90373
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.1 41.4 62.2#



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

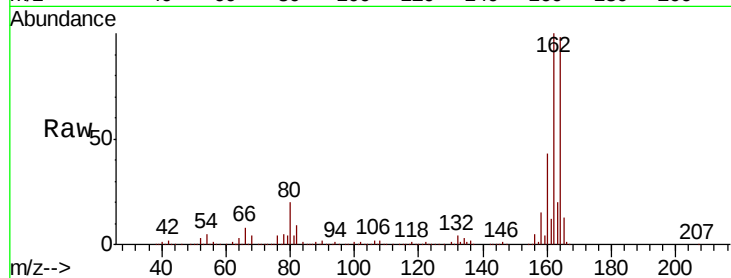




#57
 2,4-Dinitrotoluene
 Concen: 7.112 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118735.D
 Acq: 29 Jan 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.5	42.7#
89	1.1	50.4	75.6#
182	0.0	2.3	3.5#

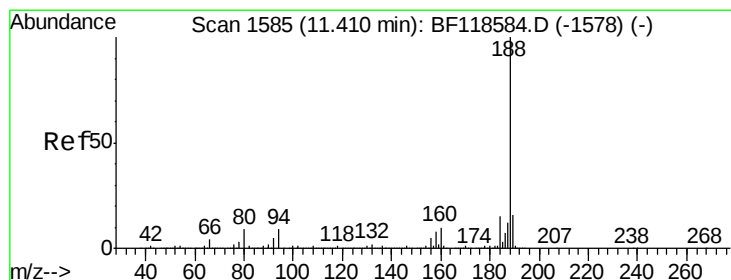
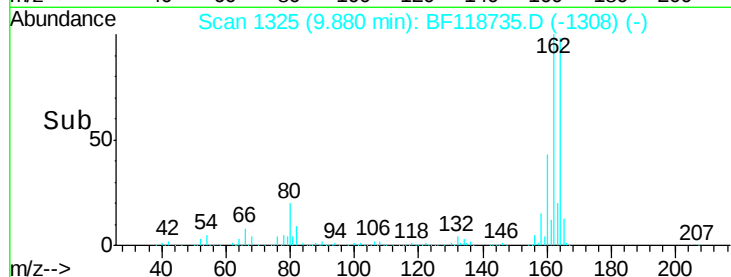
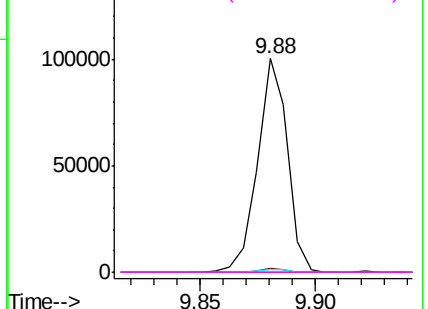


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

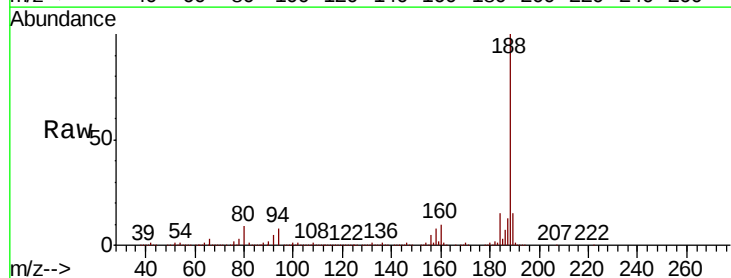
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118735.D
 Acq: 29 Jan 2020 16:59

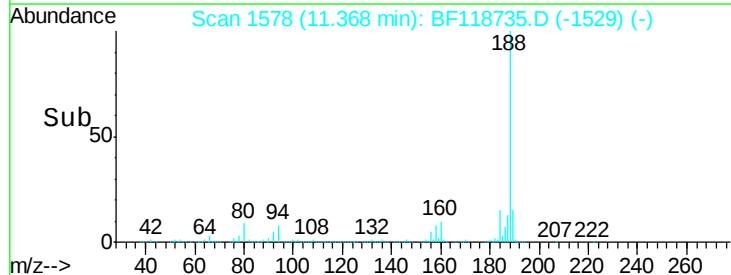
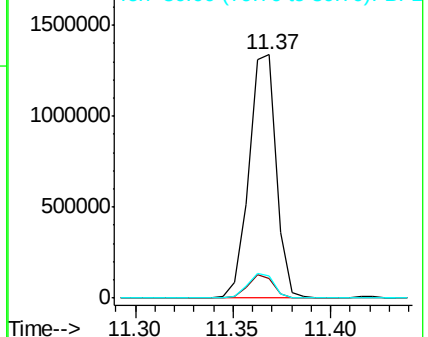
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.9	7.8	11.8

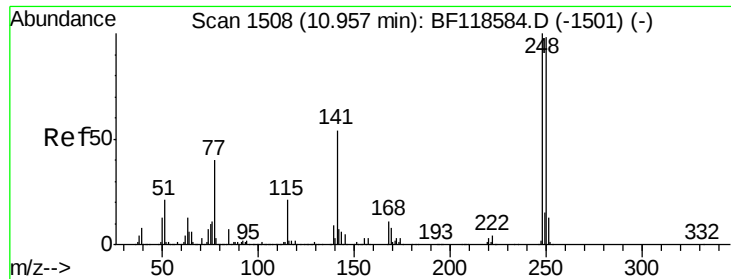


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

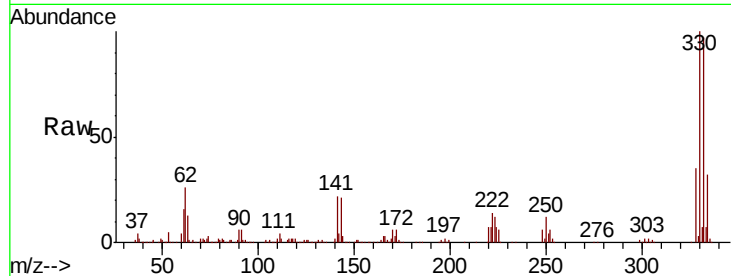




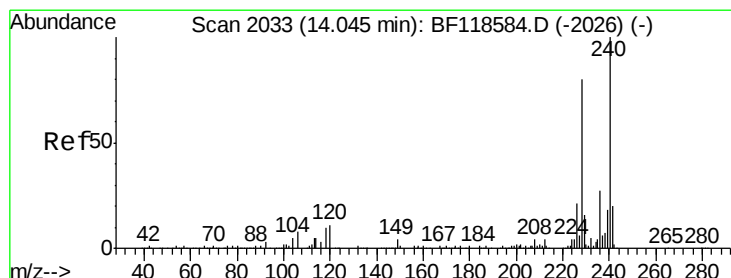
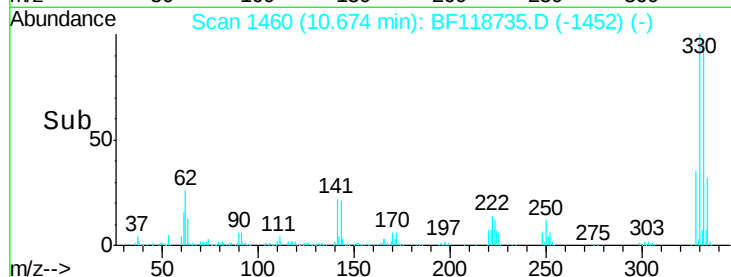
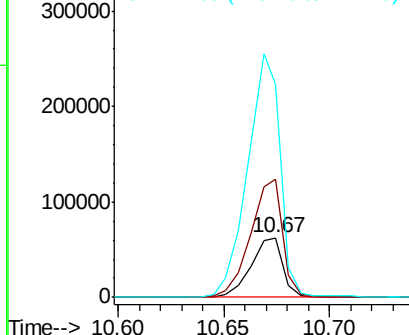
#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 65402
Ion Ratio Lower Upper
248 100
250 198.1 78.7 118.1#
141 357.3 48.4 72.6#

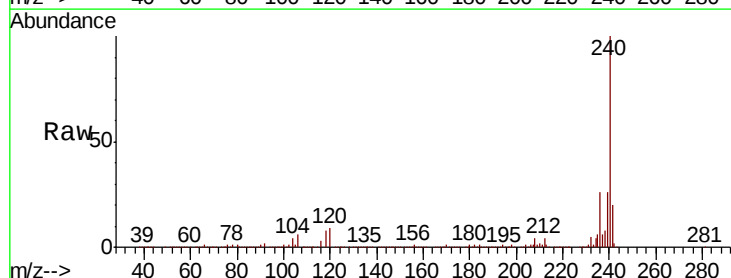


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

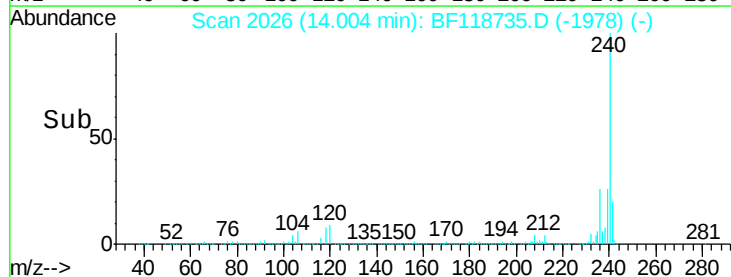
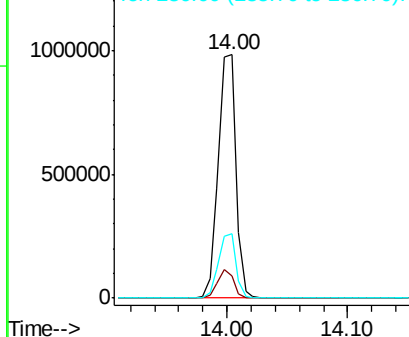


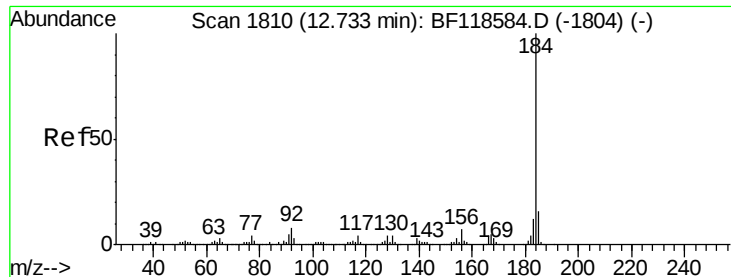
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Tgt Ion:240 Resp: 987257
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 26.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.016 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.25 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

Instrument :

BNA_F

ClientSampleId :

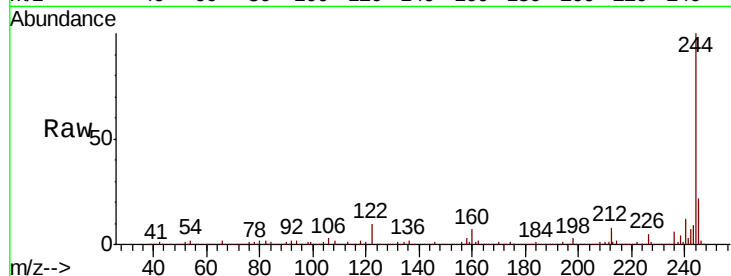
Tot Ion:184 Resp: 53178

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

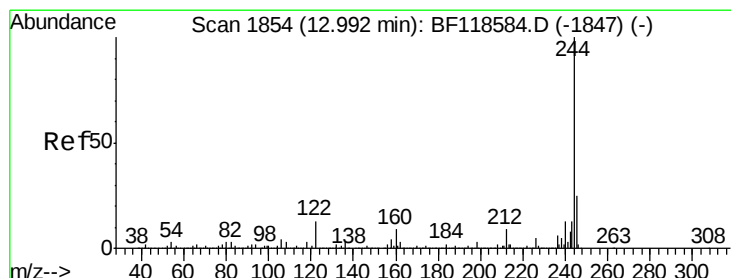
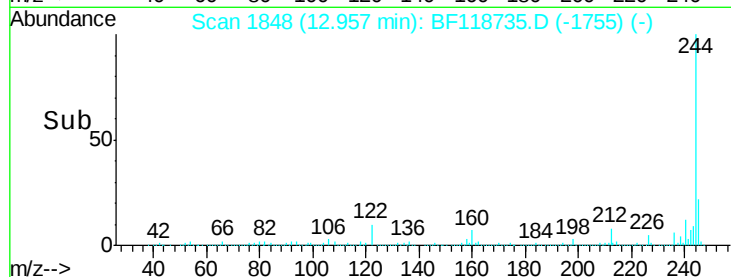
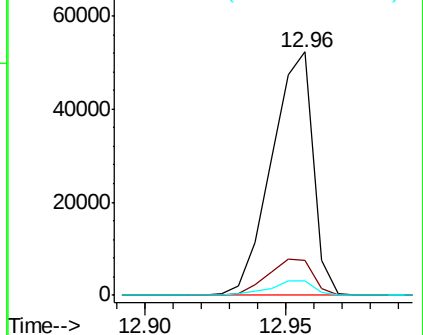
183 5.9 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 88.830 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118735.D

Acq: 29 Jan 2020 16:59

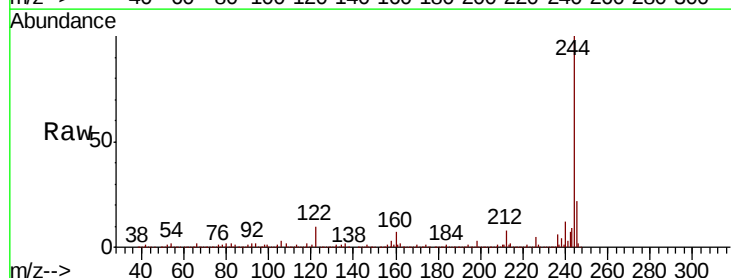
Tgt Ion:244 Resp: 4020843

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

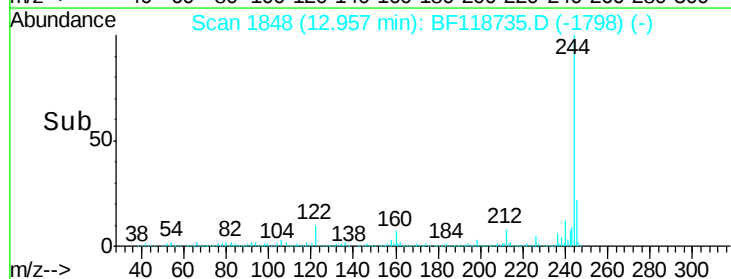
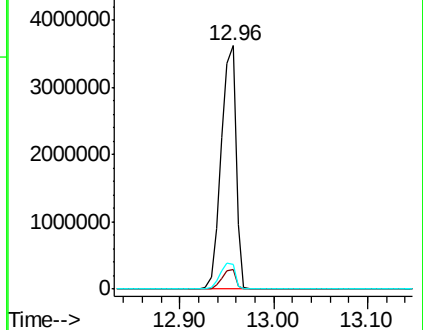
122 10.2 9.2 13.8

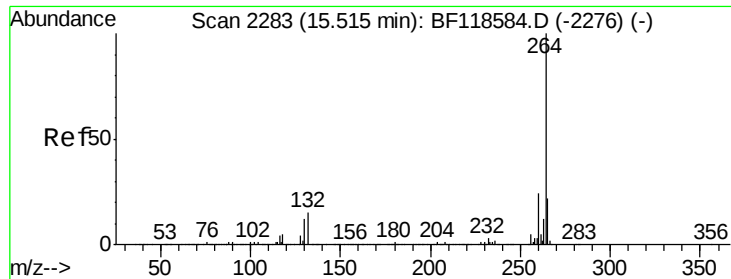


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118735.D
Acq: 29 Jan 2020 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 908411
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.0 25.6

