

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119540.D
 Acq On : 26 Mar 2020 20:11
 Operator : CG/JU
 Sample : L2017-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-35-(7-7.5)

Quant Time: Mar 27 00:45:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

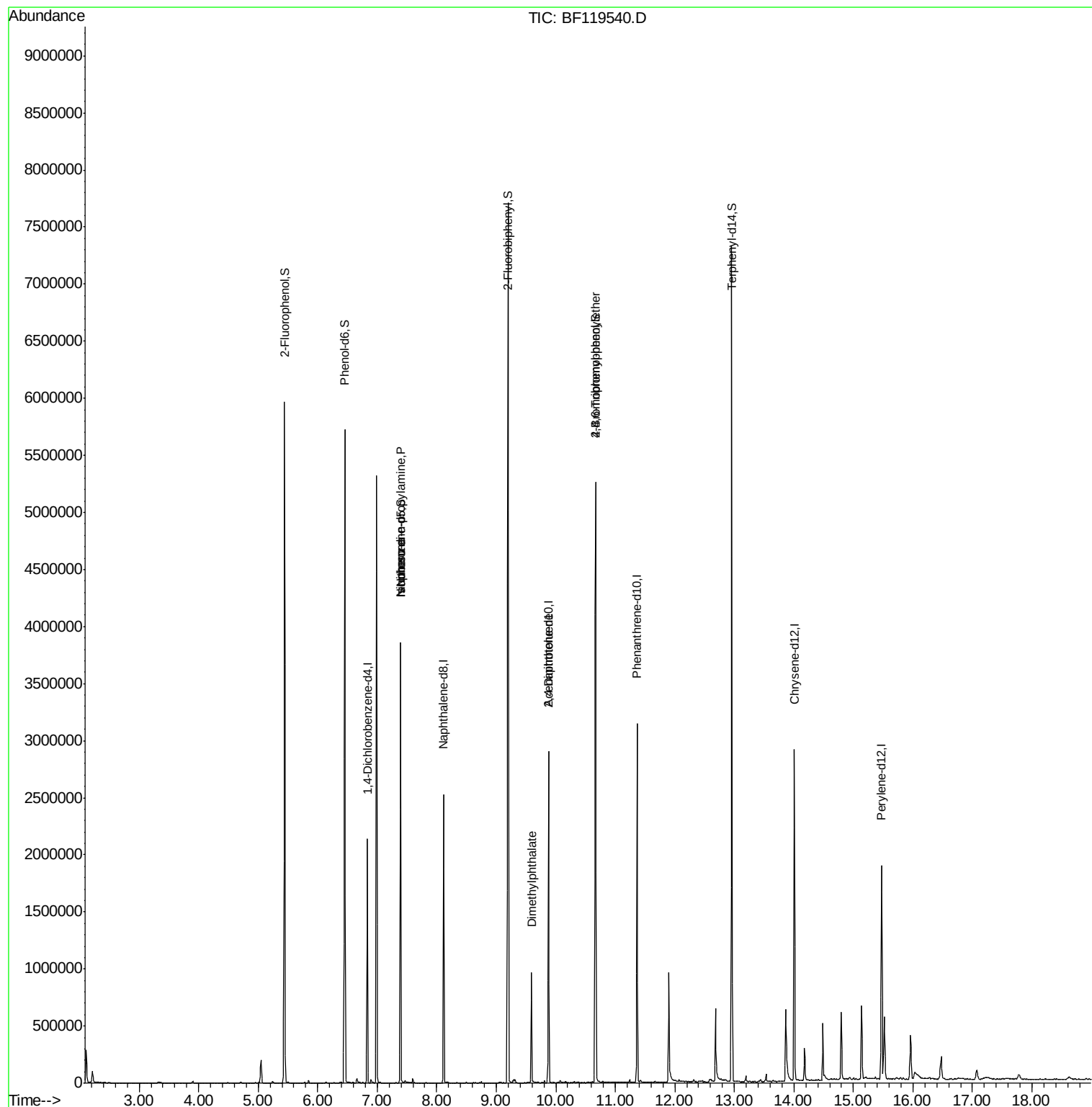
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	283532	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1085378	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	599460	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1188789	20.00	ng	0.00
76) Chrysene-d12	14.01	240	956775	20.00	ng	0.00
87) Perylene-d12	15.47	264	902232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1562849	87.75	ng	0.00
7) Phenol-d6	6.46	99	1991732	87.54	ng	0.00
23) Nitrobenzene-d5	7.39	82	1257741	62.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	630077	101.88	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2372877	58.64	ng	0.00
79) Terphenyl-d14	12.96	244	2844517	58.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	168013	12.25	ng	# 71
25) Isophorone	7.39	82	1249274	30.84	ng	# 66
50) Dimethylphthalate	9.59	163	345710	8.12	ng	99
57) 2,4-Dinitrotoluene	9.88	165	76670	6.67	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	38105	2.81	ng	# 1

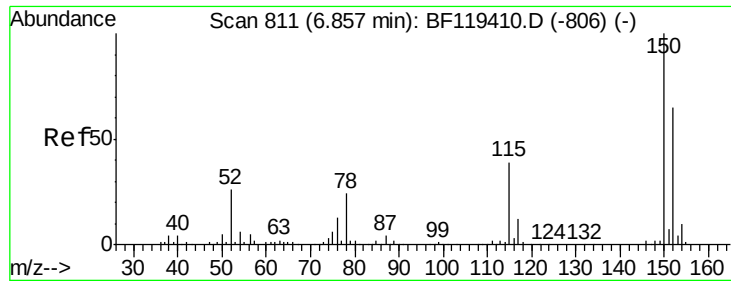
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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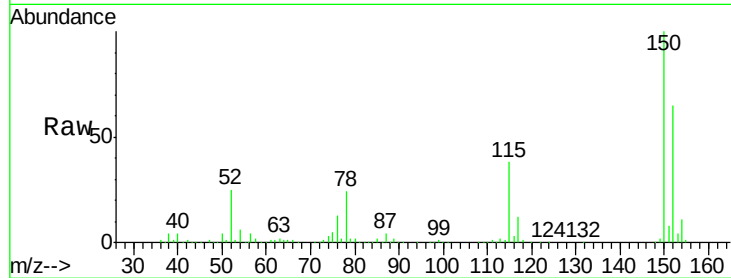


#1

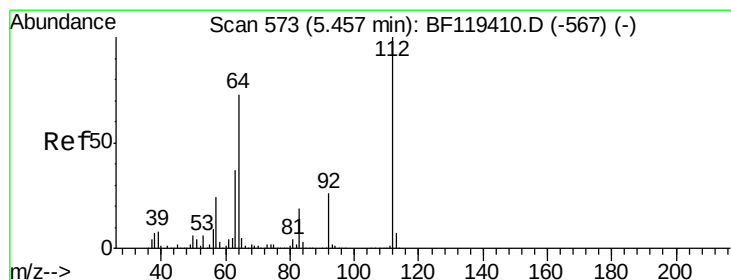
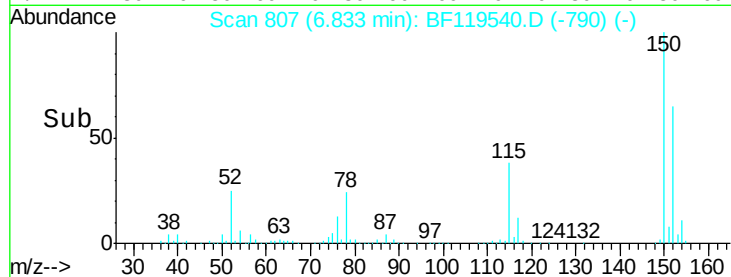
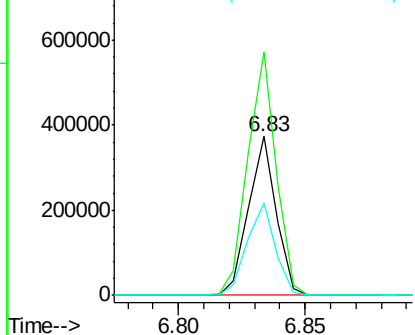
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

Tgt Ion:152 Resp: 283532
Ion Ratio Lower Upper
152 100
150 153.5 123.9 185.9
115 58.4 47.8 71.6



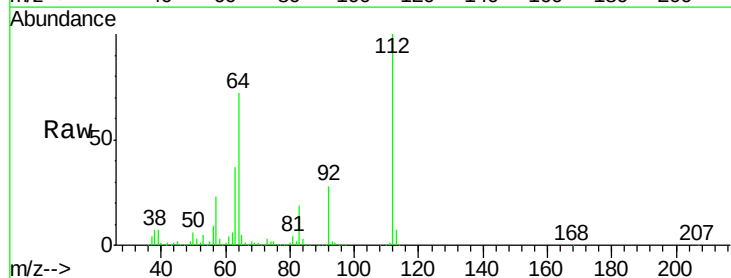
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



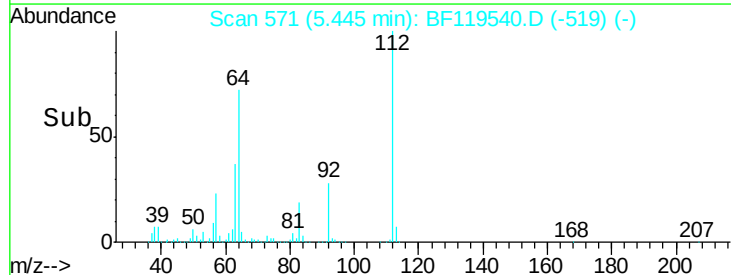
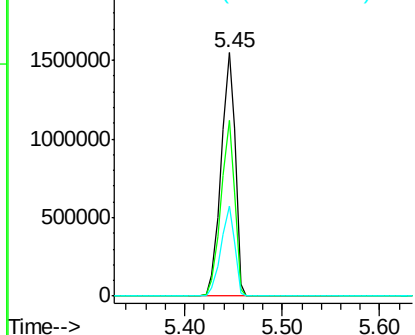
#5

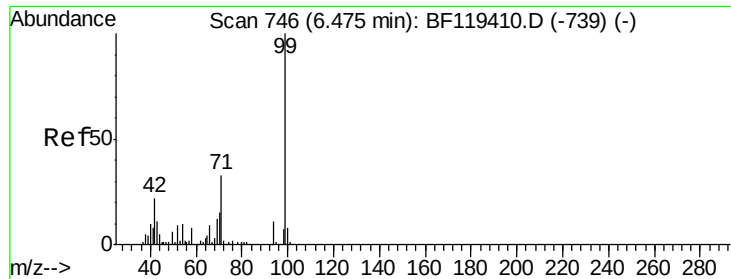
2-Fluorophenol
Concen: 87.75 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Tgt Ion:112 Resp: 1562849
Ion Ratio Lower Upper
112 100
64 72.2 58.1 87.1
63 37.1 29.7 44.5



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: 87.54 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

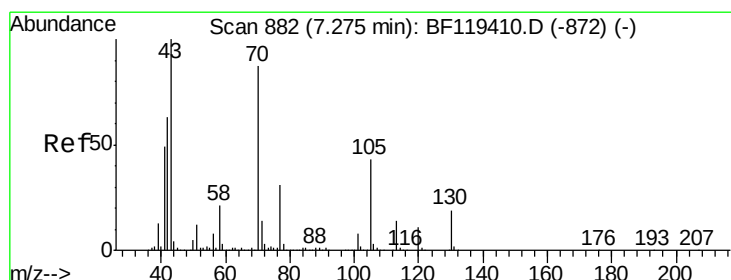
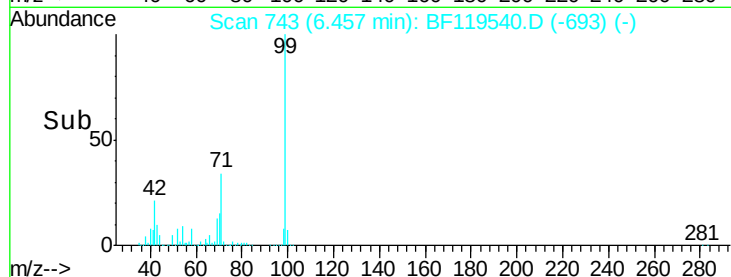
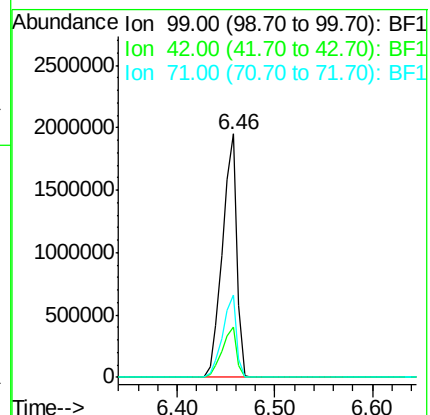
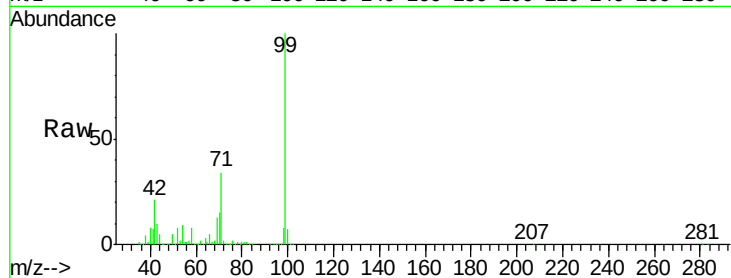
Tgt Ion: 99 Resp: 1991732

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

71 33.9 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.25 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

Tgt Ion: 70 Resp: 168013

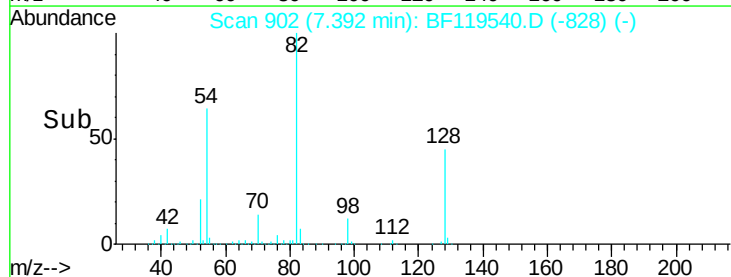
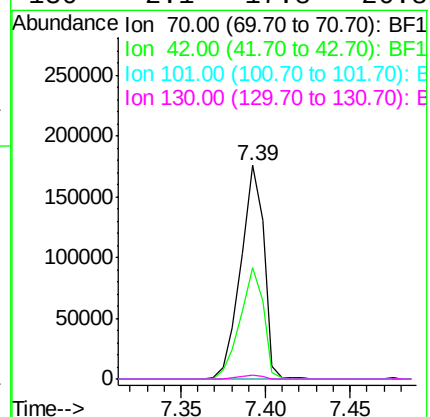
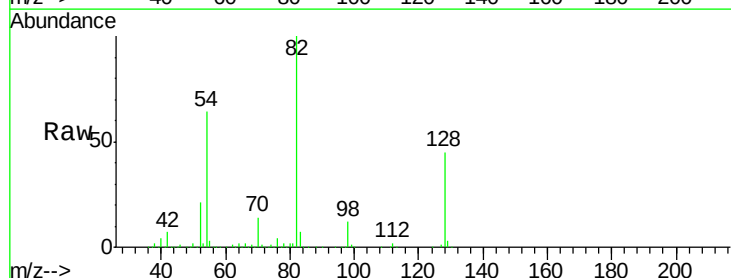
Ion Ratio Lower Upper

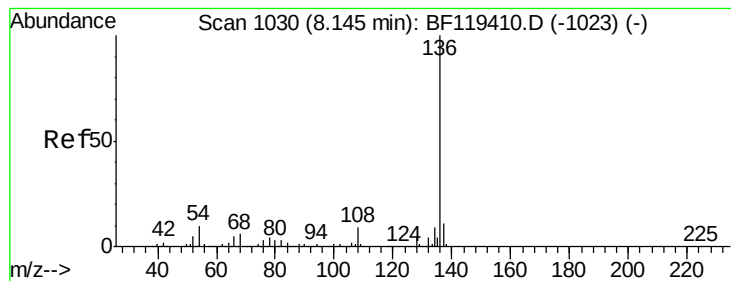
70 100

42 52.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

Tgt Ion:136 Resp: 1085378

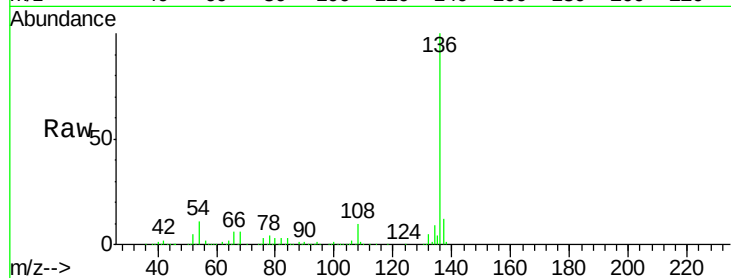
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.2 8.3 12.5

68 6.3 4.9 7.3

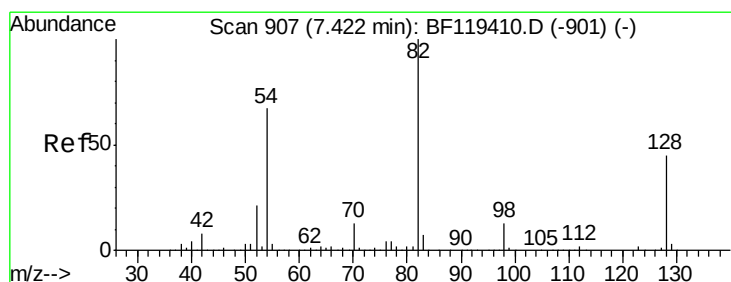
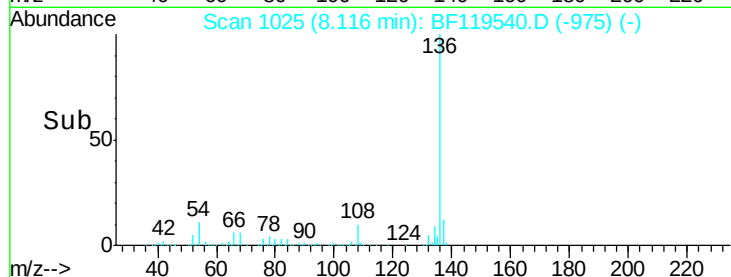
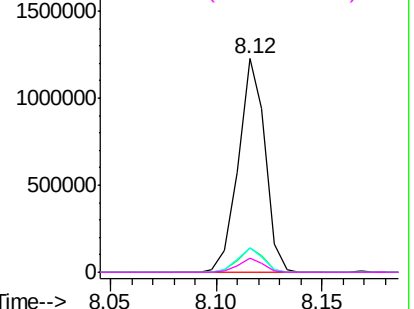


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.98 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

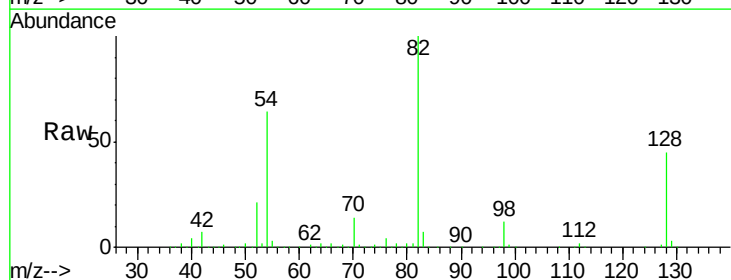
Tgt Ion: 82 Resp: 1257741

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.8

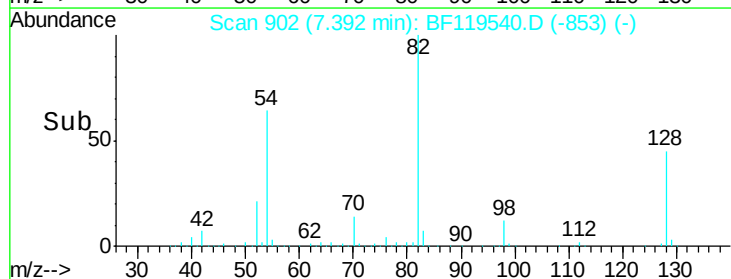
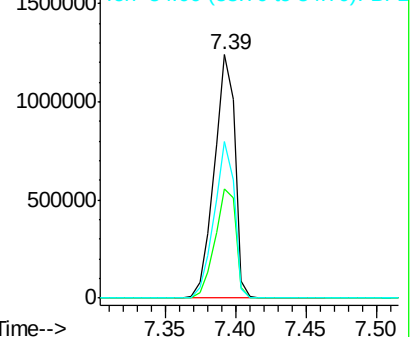
54 64.3 53.4 80.0

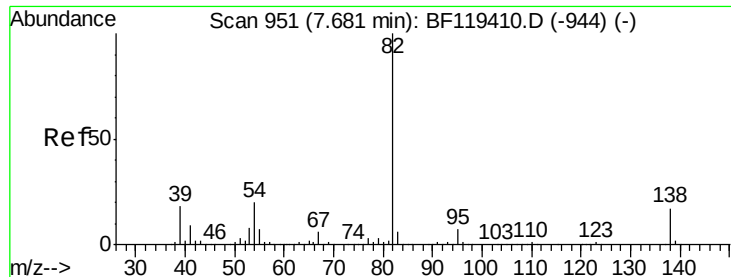


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.84 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

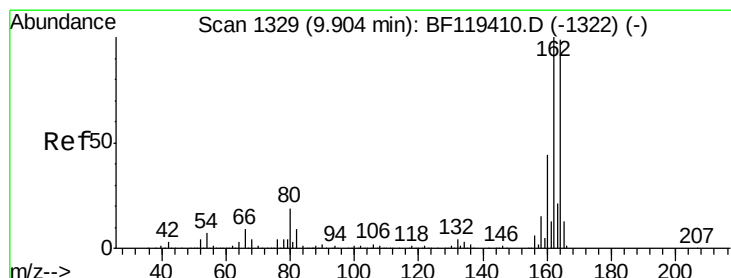
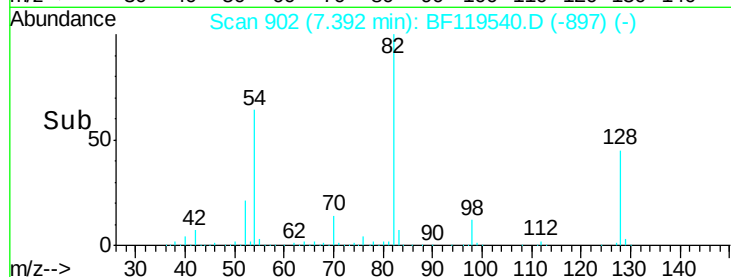
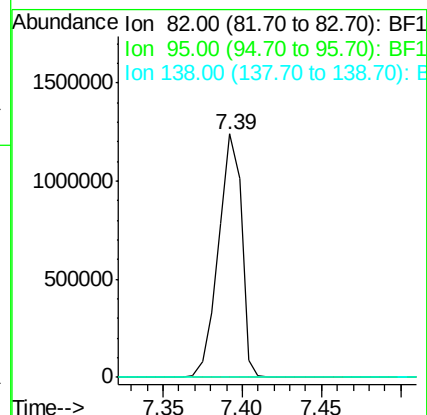
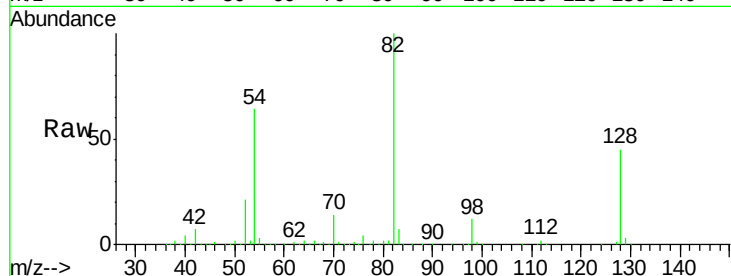
Tgt Ion: 82 Resp: 1249274

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

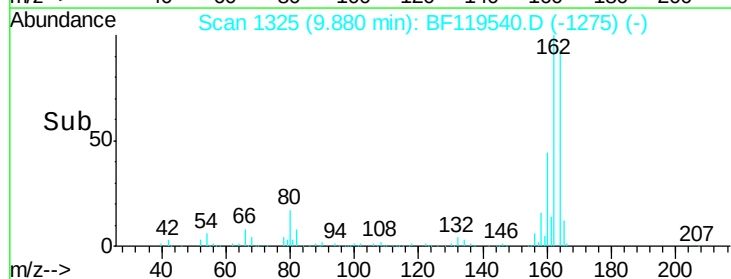
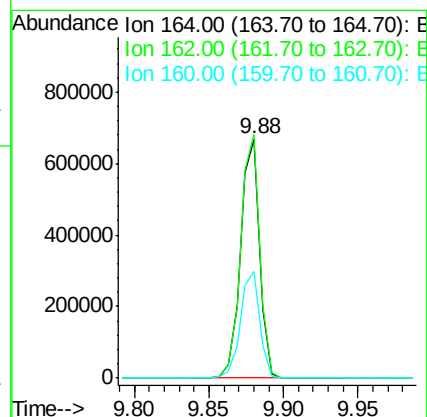
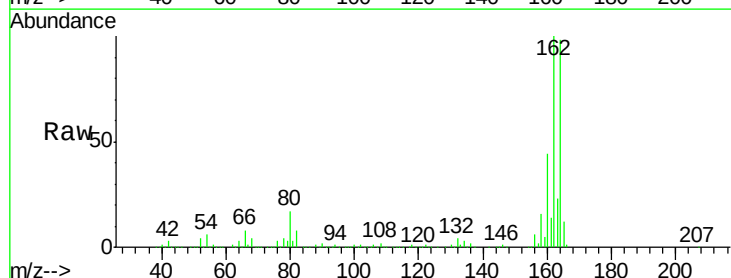
Tgt Ion: 164 Resp: 599460

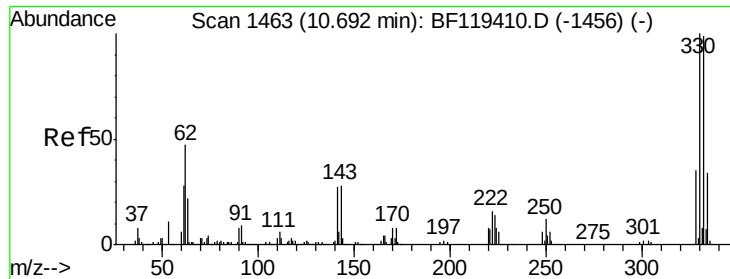
Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

160 44.7 35.5 53.3

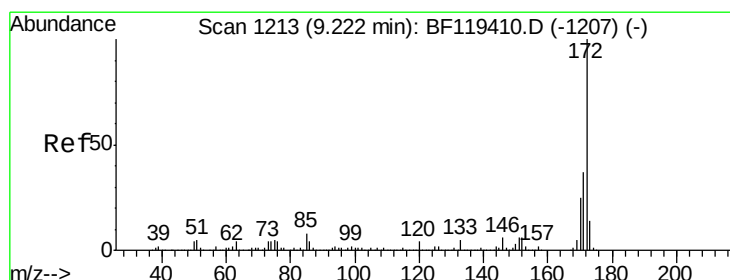
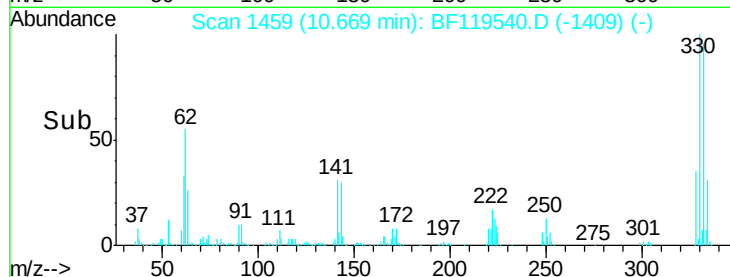
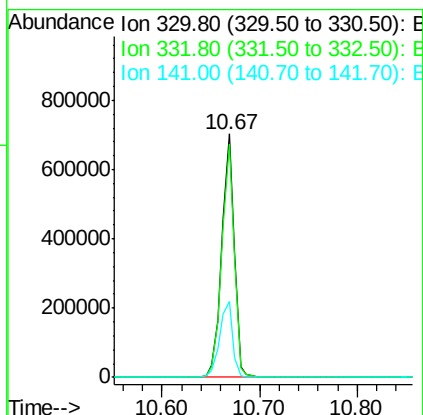
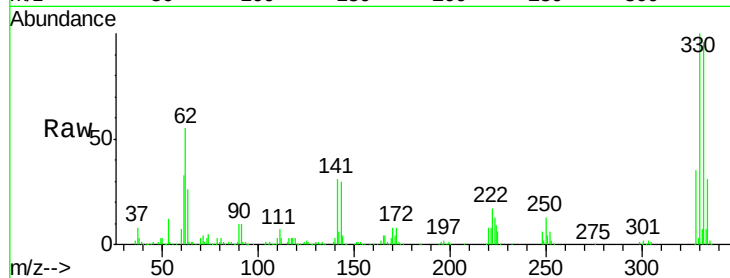




#42
 2,4,6-Tribromophenol
 Concen: 101.88 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119540.D
 Acq: 26 Mar 2020 20:11

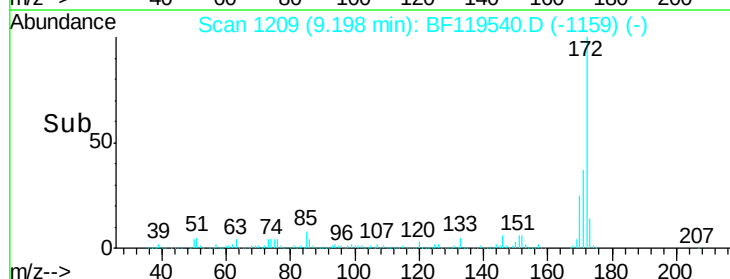
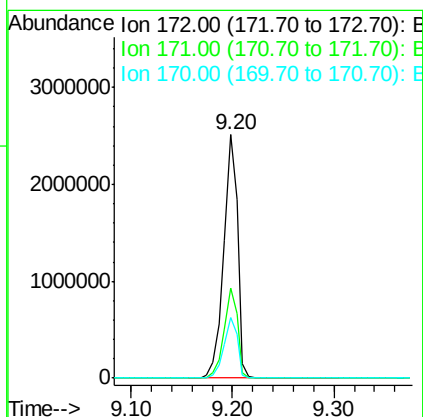
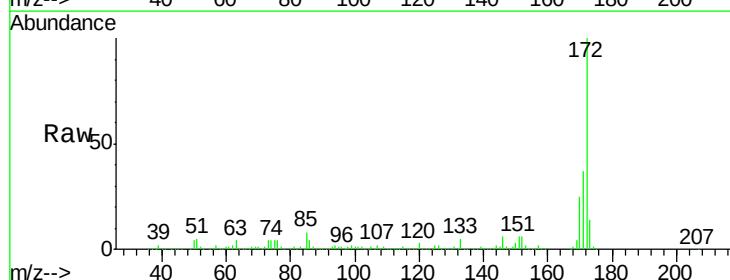
Instrument :
 BNA_F
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 FE-SB-35-(7-7.5)

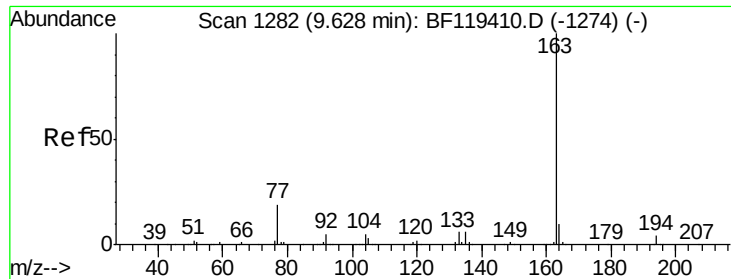
Tgt Ion:330 Resp: 630077
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 32.3 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 58.64 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119540.D
 Acq: 26 Mar 2020 20:11

Tgt Ion:172 Resp: 2372877
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 24.8 20.1 30.1

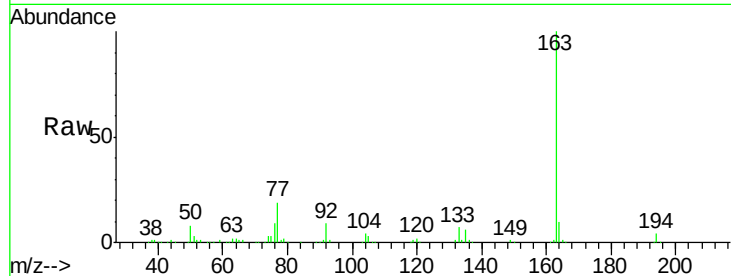




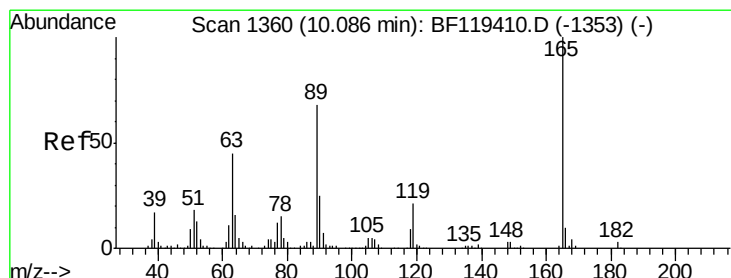
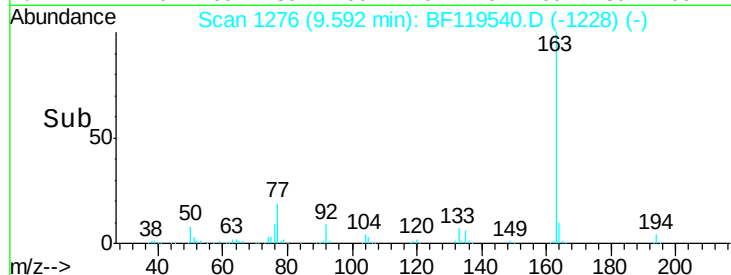
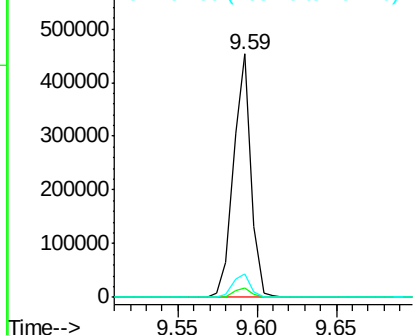
#50
Dimethylphthalate
Concen: 8.12 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

Tgt Ion:163 Resp: 345710
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1

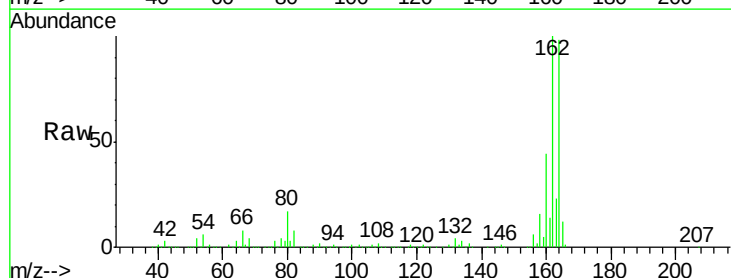


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

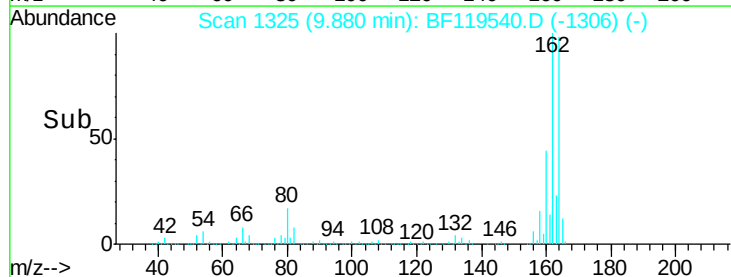
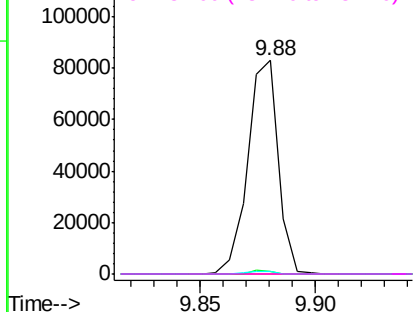


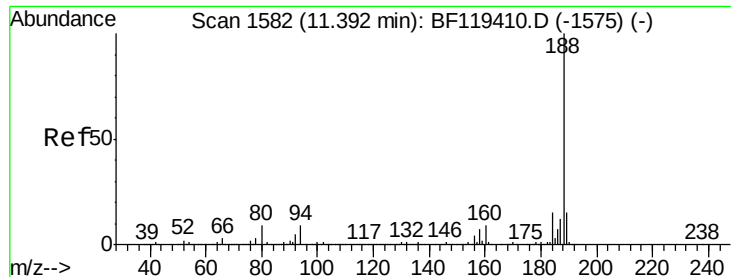
#57
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Tgt Ion:165 Resp: 76670
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.5 54.3 81.5#
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: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

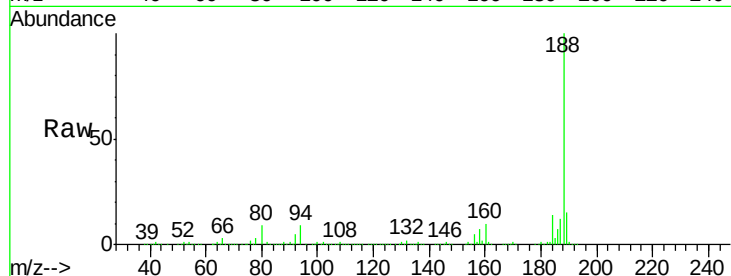
Tgt Ion:188 Resp: 1188789

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

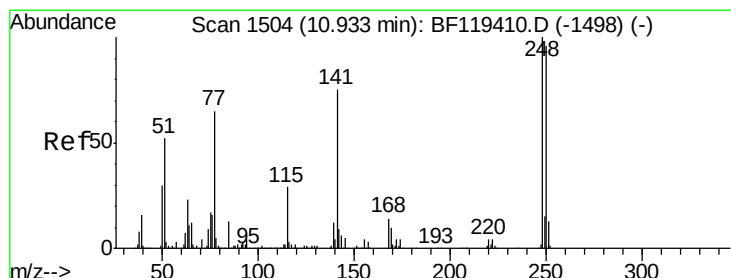
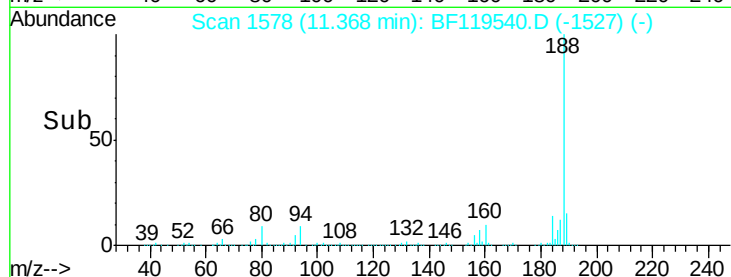
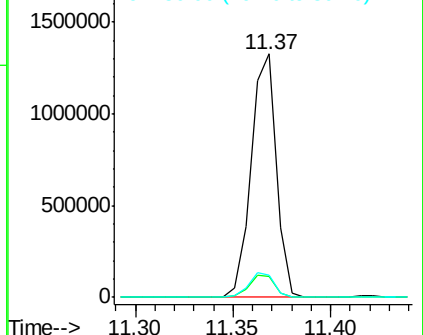
80 8.9 7.5 11.3



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: 2.81 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119540.D

Acq: 26 Mar 2020 20:11

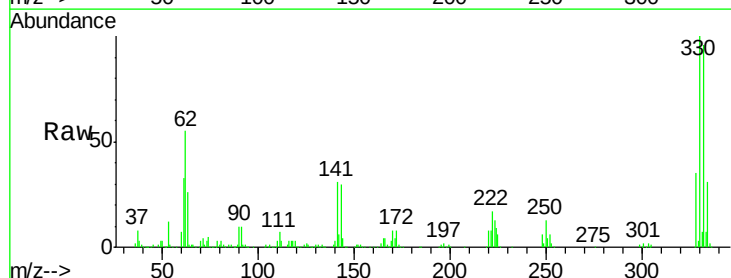
Tgt Ion:248 Resp: 38105

Ion Ratio Lower Upper

248 100

250 209.0 77.0 115.6#

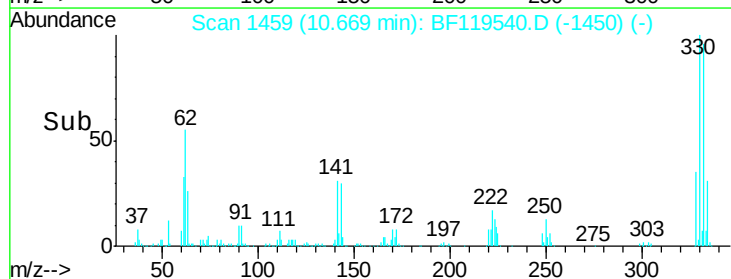
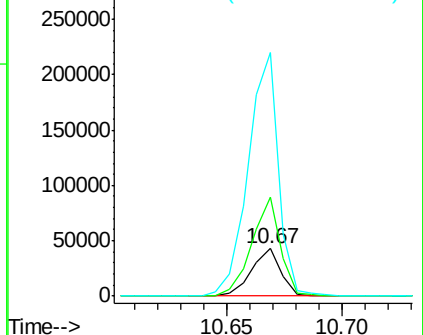
141 514.8 59.7 89.5#

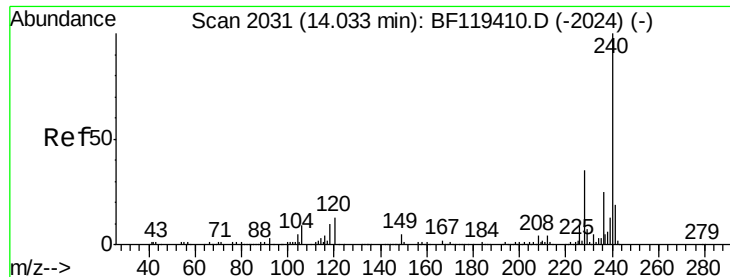


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

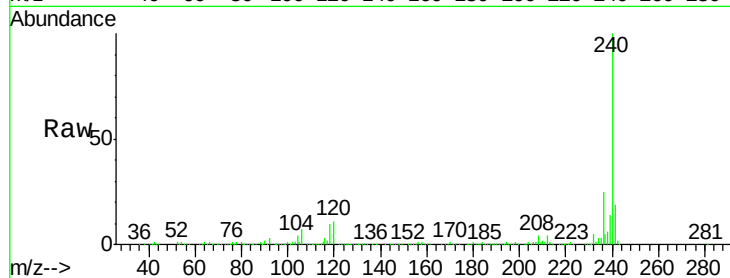




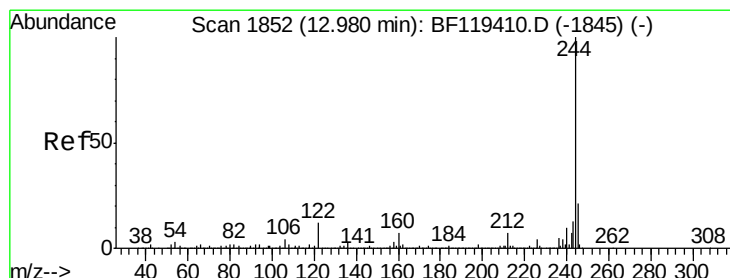
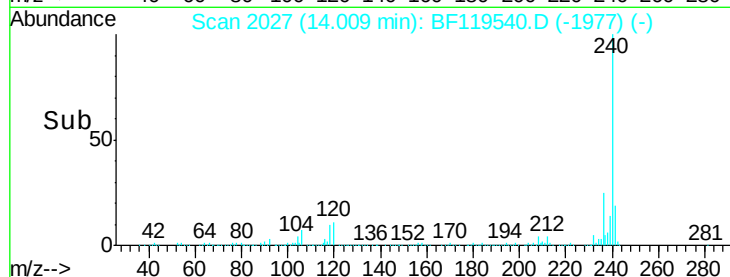
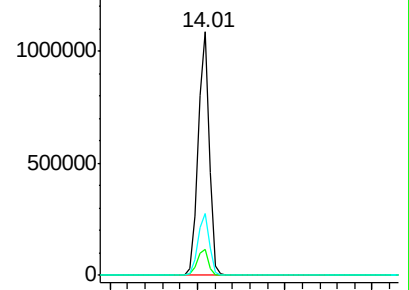
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

Tgt Ion:240 Resp: 956775
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.4 20.4 30.6

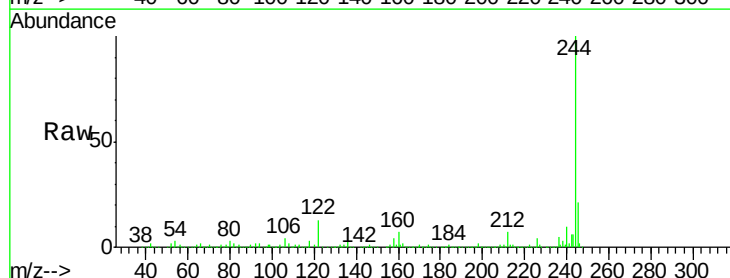


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

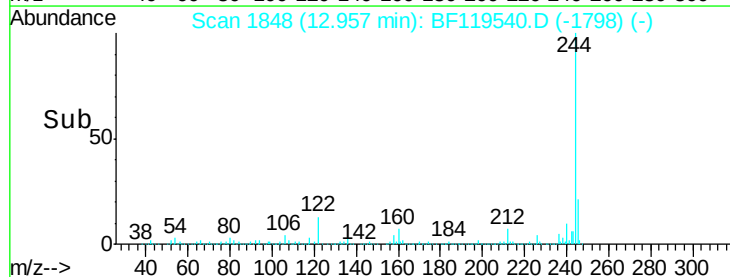
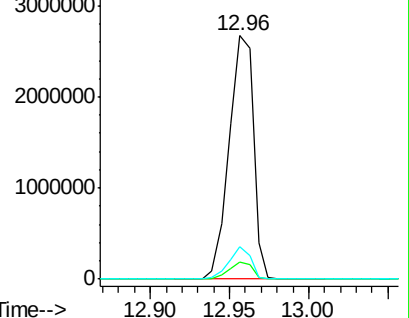


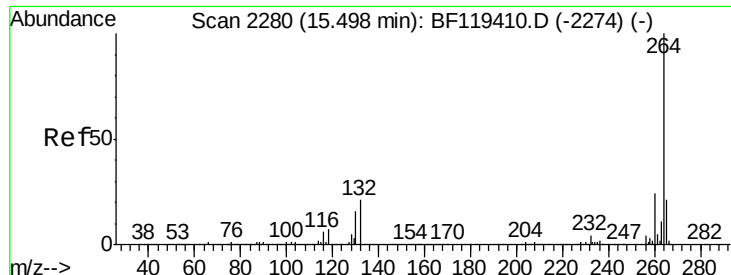
#79
Terphenyl-d14
Concen: 58.25 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Tgt Ion:244 Resp: 2844517
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 13.1 9.8 14.8



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

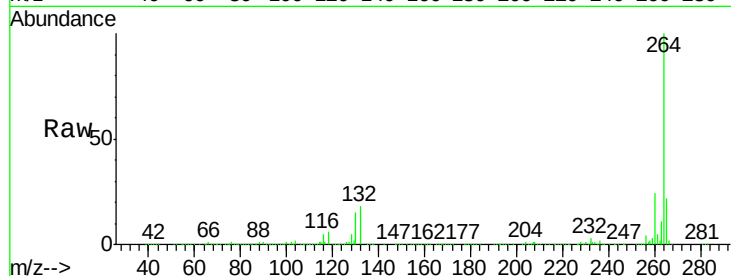




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119540.D
Acq: 26 Mar 2020 20:11

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

Tgt Ion:	264	Resp:	902232
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	16.9	25.3



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

