

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119512.D
 Acq On : 25 Mar 2020 19:18
 Operator : CG/JU
 Sample : L2017-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 26 02:01:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

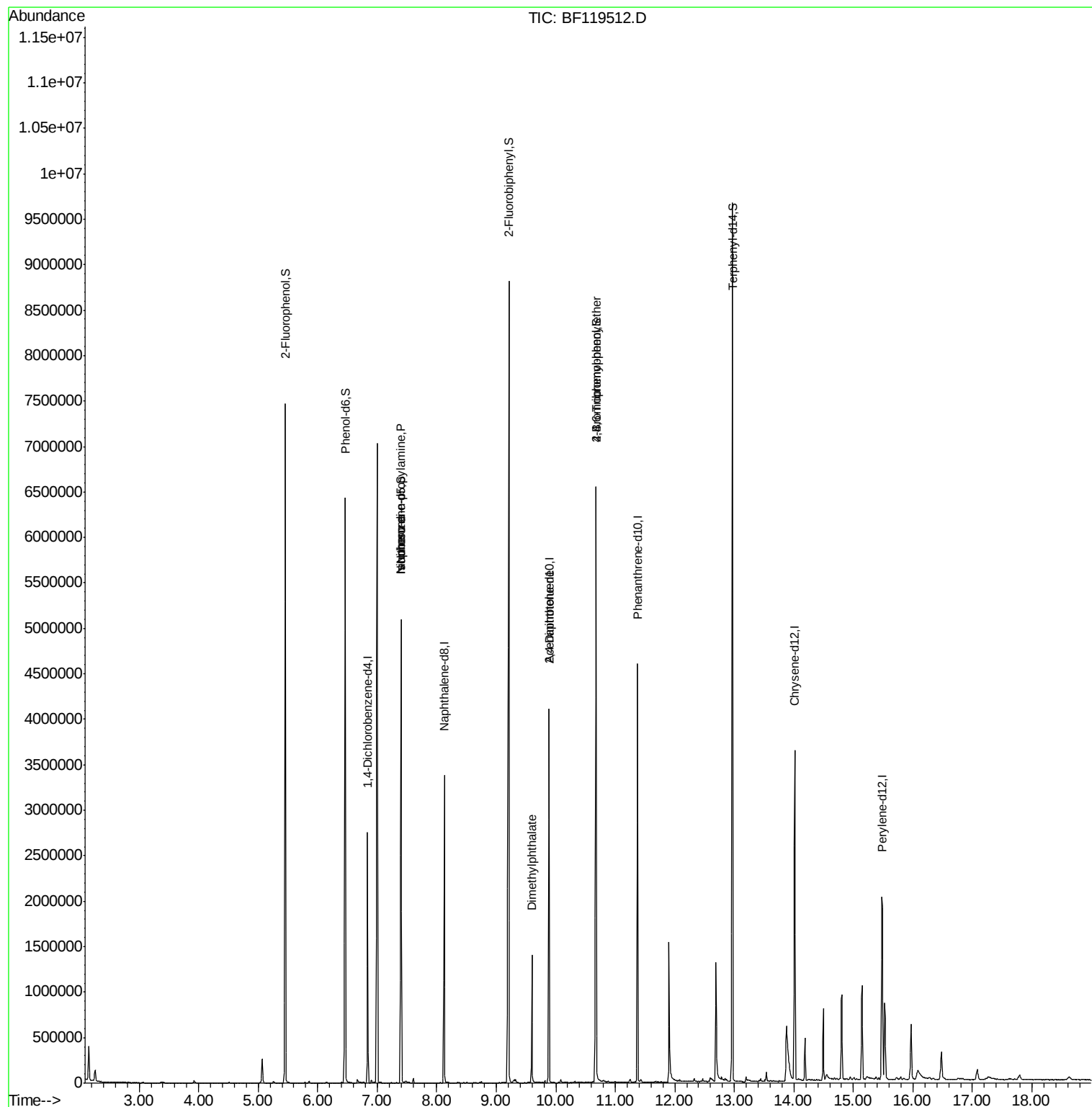
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	397472	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1519653	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	816912	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1581718	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1177274	20.00	ng	-0.02
87) Perylene-d12	15.48	264	971076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2083898	83.46	ng	0.00
7) Phenol-d6	6.46	99	2706122	84.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1706098	61.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	858973	101.92	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	3206105	58.14	ng	-0.01
79) Terphenyl-d14	12.97	244	3599676	59.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	226293	11.77	ng	# 74
25) Isophorone	7.40	82	1698103	29.94	ng	# 66
50) Dimethylphthalate	9.60	163	490065	8.45	ng	100
57) 2,4-Dinitrotoluene	9.89	165	105603	6.74	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	51615	2.87	ng	# 1

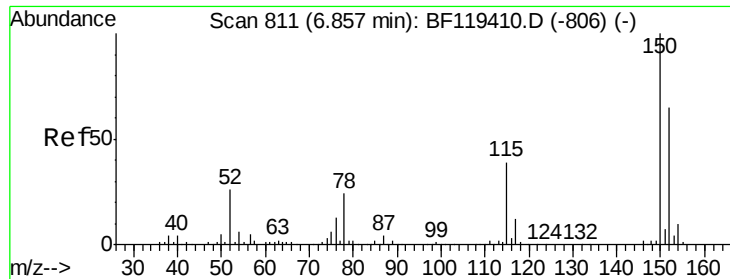
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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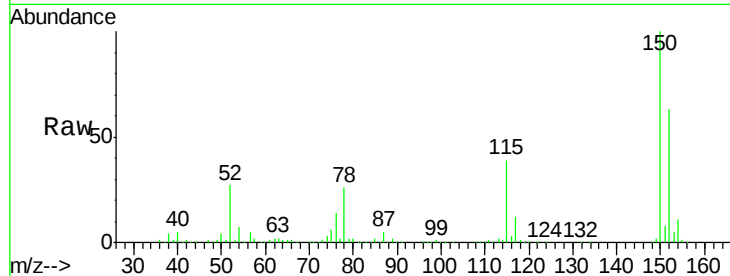


#1

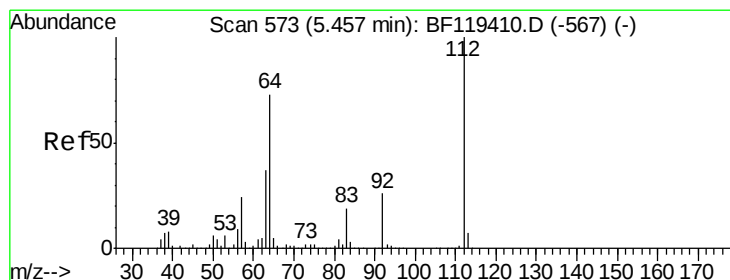
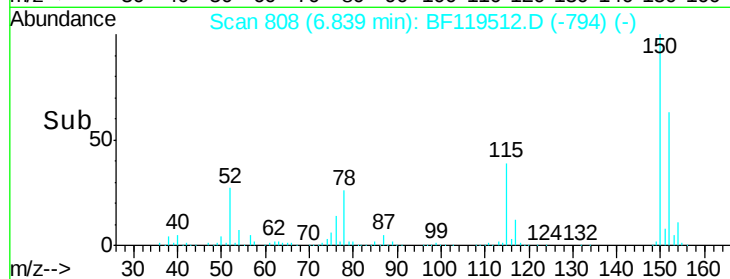
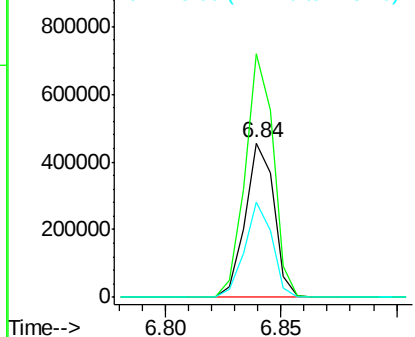
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119512.D
Acq: 25 Mar 2020 19:18

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

Tgt Ion:152 Resp: 397472
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 61.5 47.8 71.6



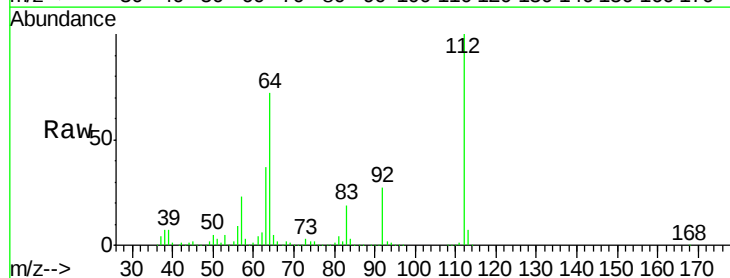
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



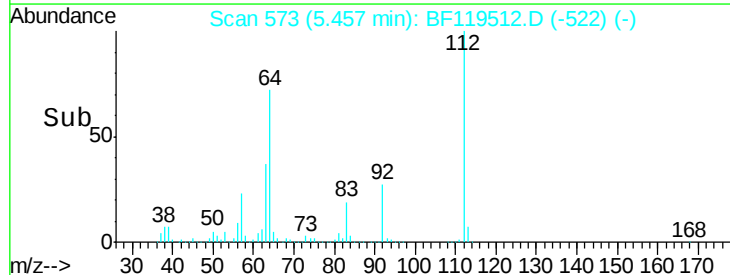
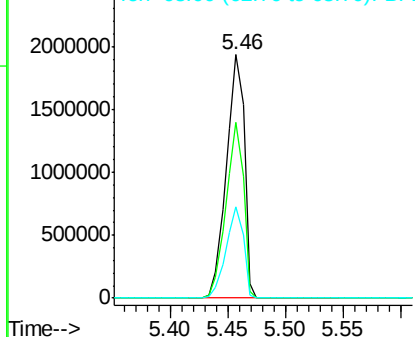
#5

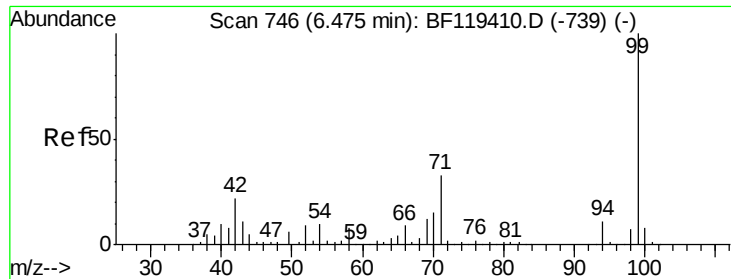
2-Fluorophenol
Concen: 83.46 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF119512.D
Acq: 25 Mar 2020 19:18

Tgt Ion:112 Resp: 2083898
Ion Ratio Lower Upper
112 100
64 72.4 58.1 87.1
63 37.3 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: 84.84 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

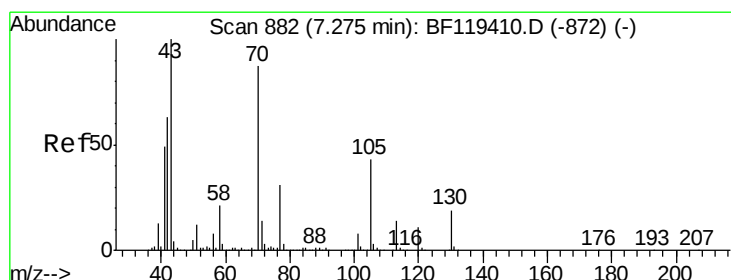
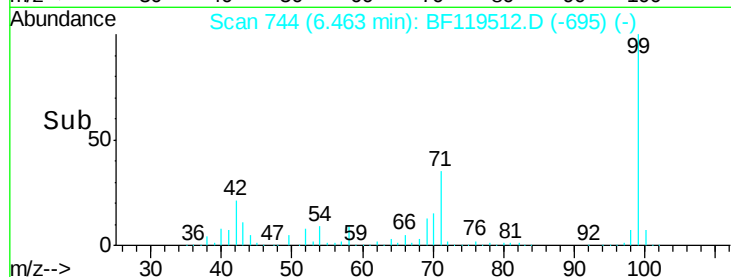
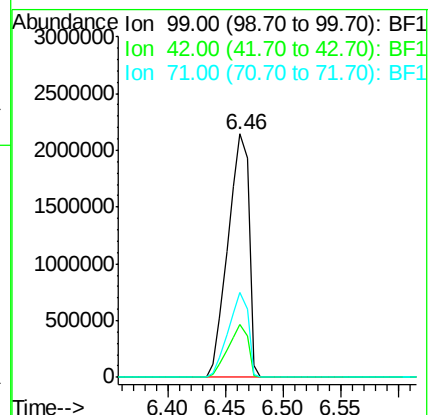
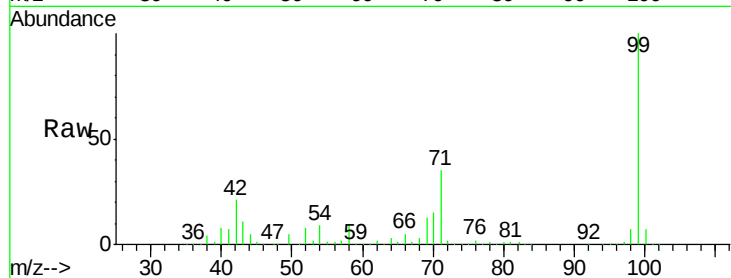
Tgt Ion: 99 Resp: 2706122

Ion Ratio Lower Upper

99 100

42 21.5 17.8 26.6

71 34.8 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.77 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

Tgt Ion: 70 Resp: 226293

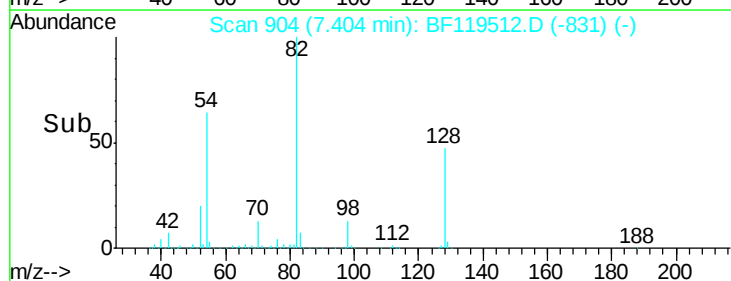
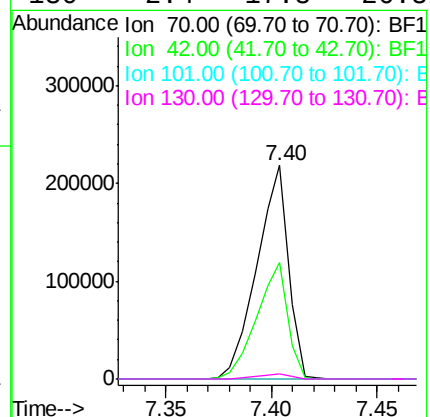
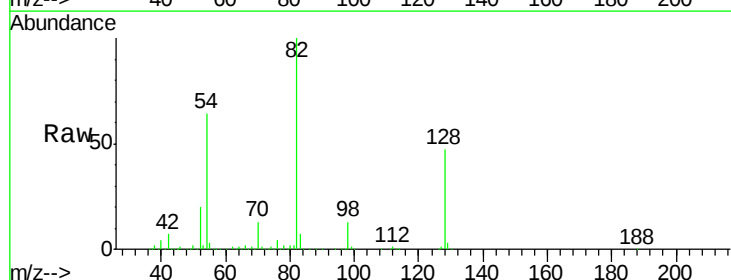
Ion Ratio Lower Upper

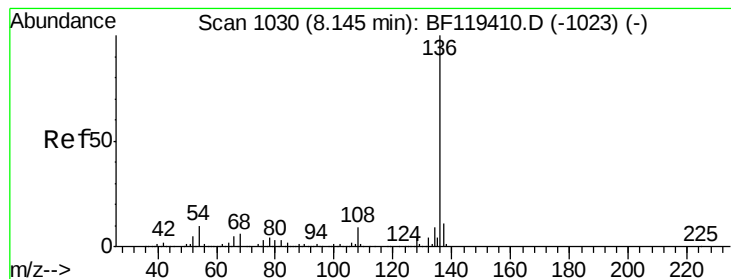
70 100

42 54.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

Tgt Ion:136 Resp: 1519653

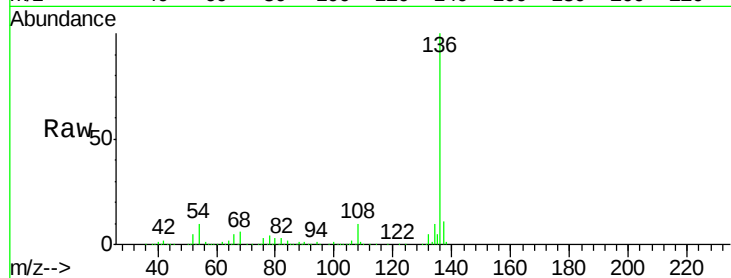
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.1 8.3 12.5

68 5.7 4.9 7.3

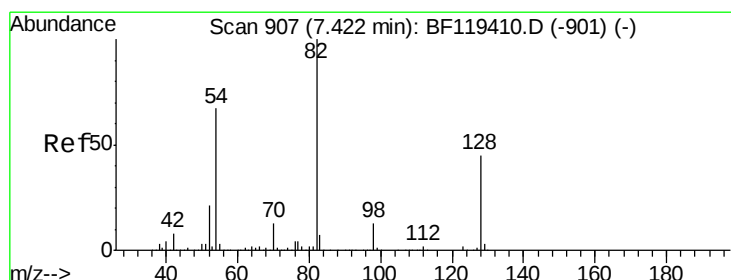
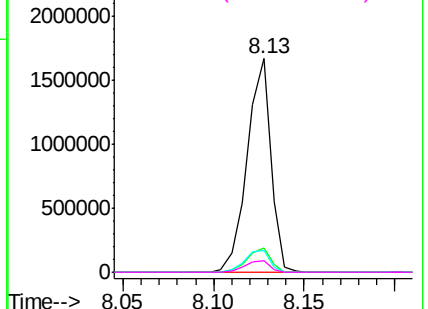
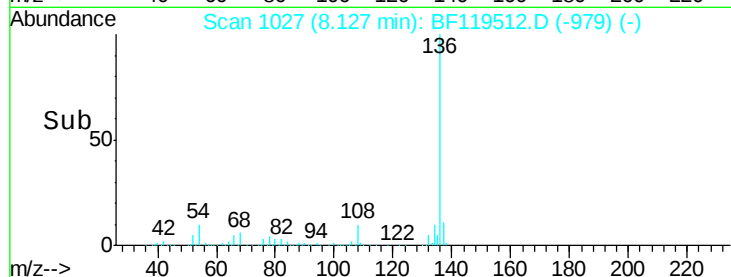


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.02 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

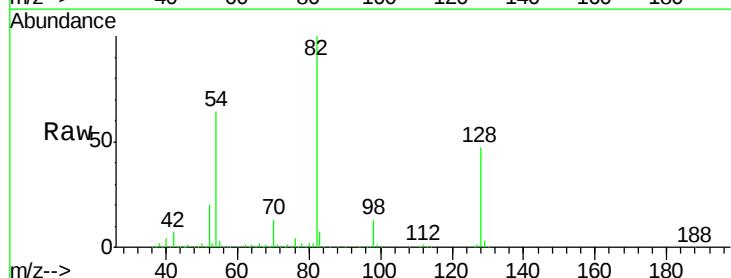
Tgt Ion: 82 Resp: 1706098

Ion Ratio Lower Upper

82 100

128 46.8 35.8 53.8

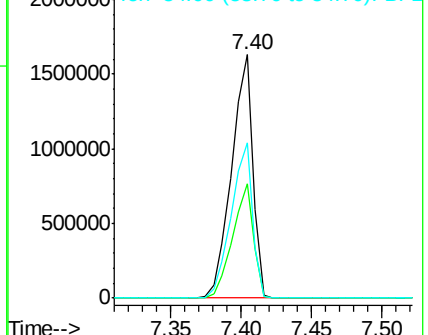
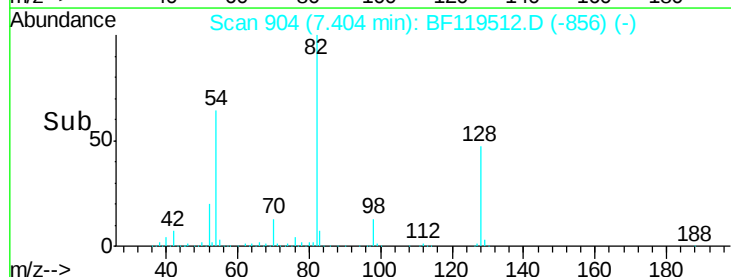
54 63.6 53.4 80.0

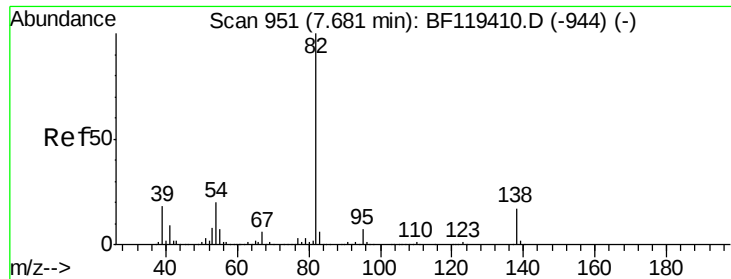


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.94 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

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ClientSampleId :

FE-SB-35-(7-7.5)

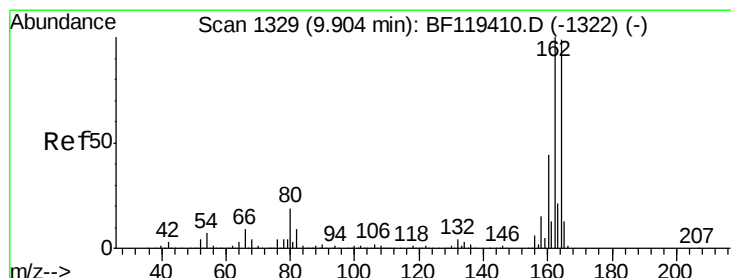
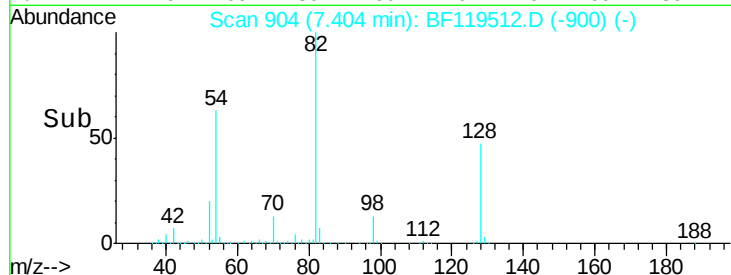
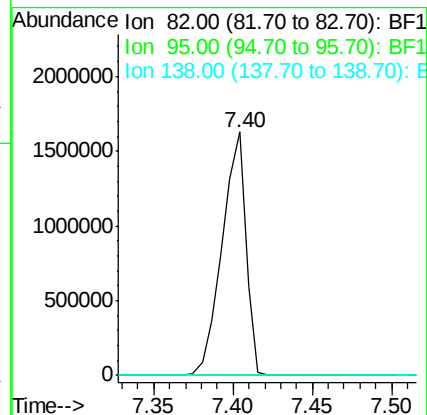
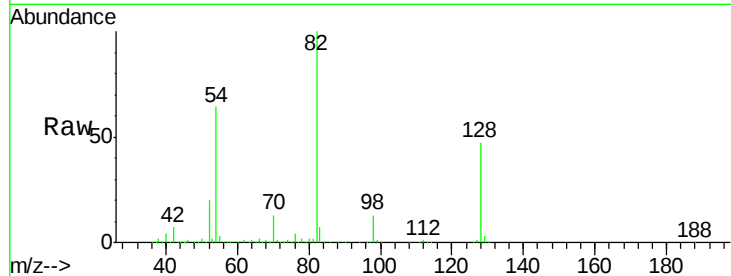
Tgt Ion: 82 Resp: 1698103

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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

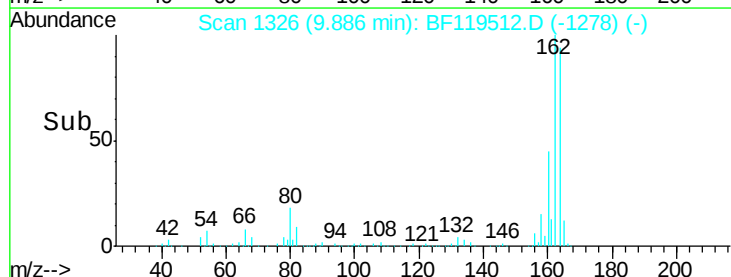
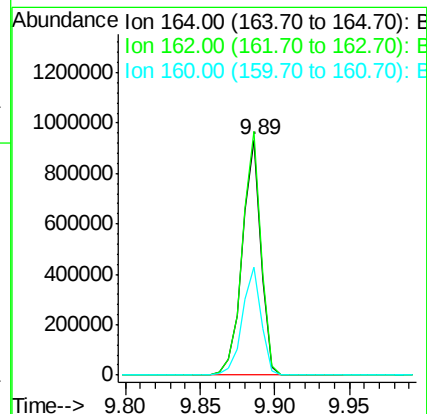
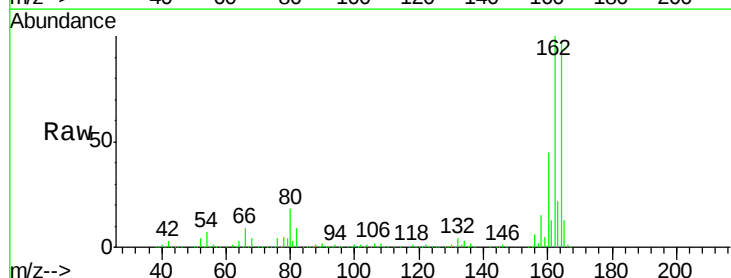
Tgt Ion: 164 Resp: 816912

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

160 46.1 35.5 53.3

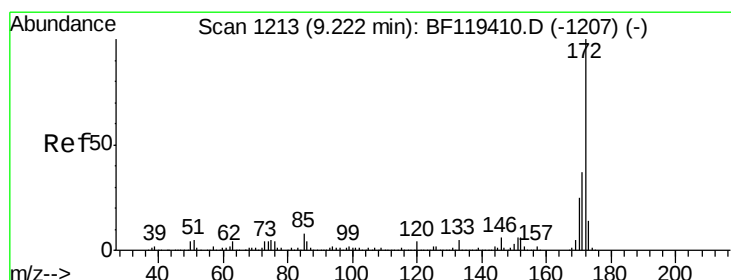
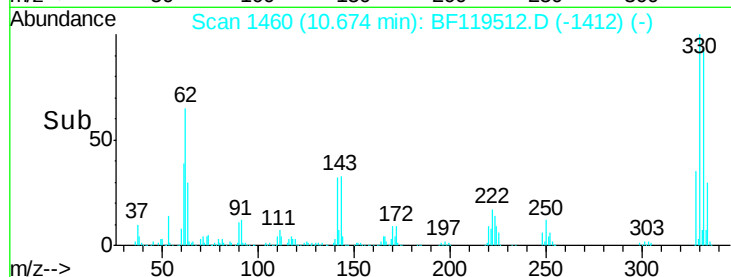
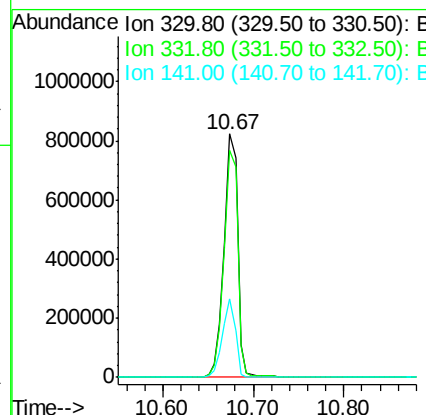
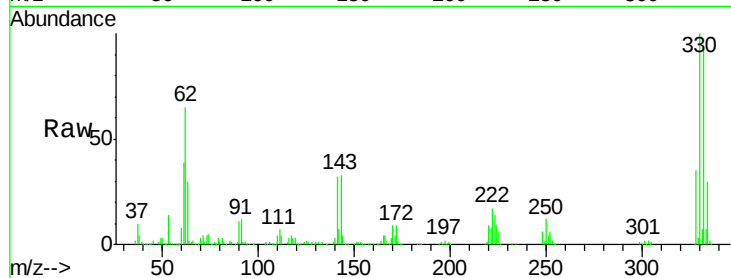




#42
 2,4,6-Tribromophenol
 Concen: 101.92 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF119512.D
 Acq: 25 Mar 2020 19:18

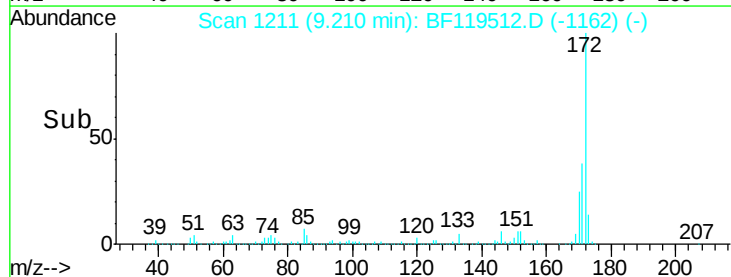
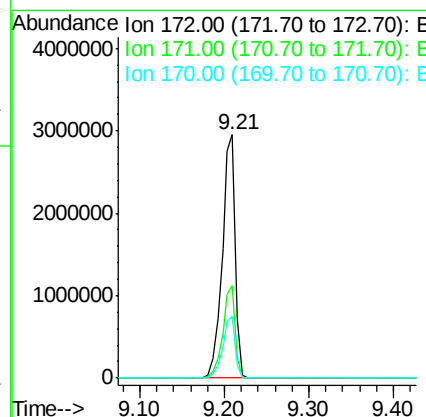
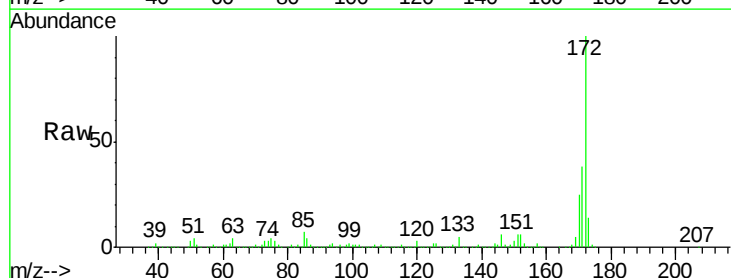
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 FE-SB-35-(7-7.5)

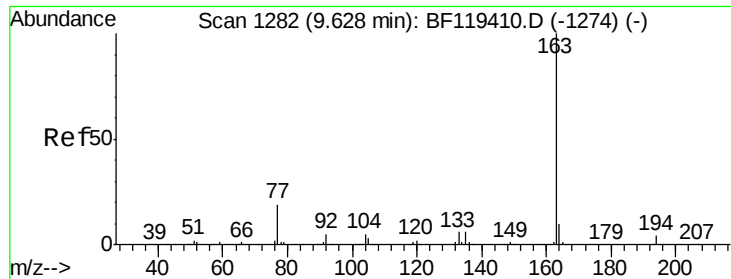
Tgt Ion:330 Resp: 858973
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 30.9 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 58.14 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119512.D
 Acq: 25 Mar 2020 19:18

Tgt Ion:172 Resp: 3206105
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.9 44.9
 170 25.3 20.1 30.1

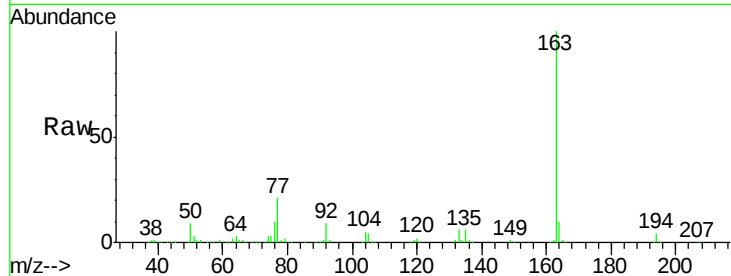




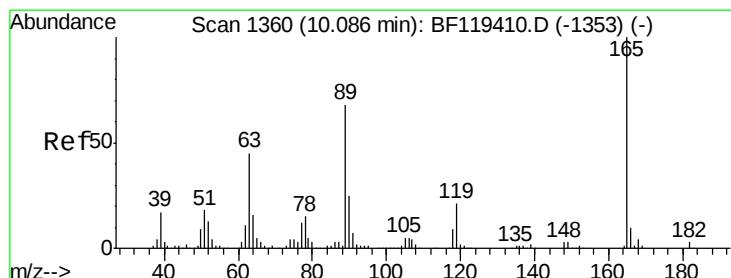
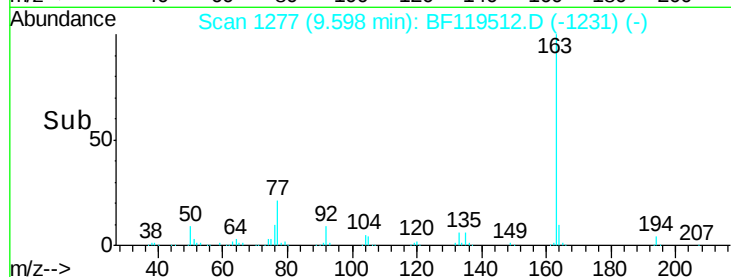
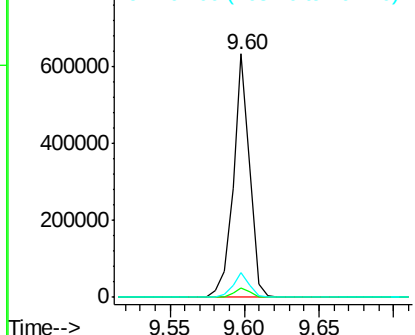
#50
Dimethylphthalate
Concen: 8.45 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119512.D
Acq: 25 Mar 2020 19:18

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

Tgt Ion:163 Resp: 490065
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.1 12.1

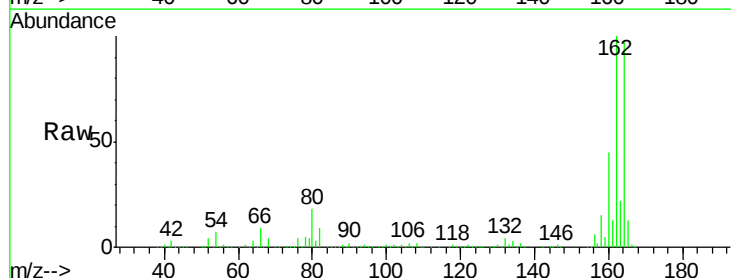


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

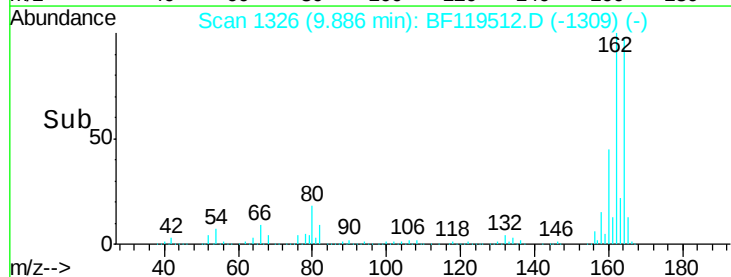
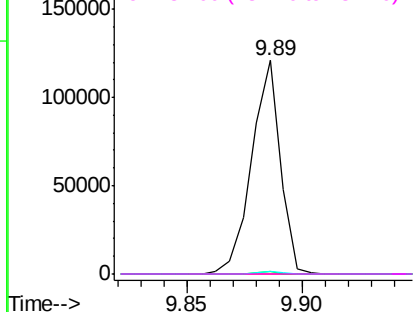


#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119512.D
Acq: 25 Mar 2020 19:18

Tgt Ion:165 Resp: 105603
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.2 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# 1579

Delta R.T. -0.02 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

Instrument :

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FE-SB-35-(7-7.5)

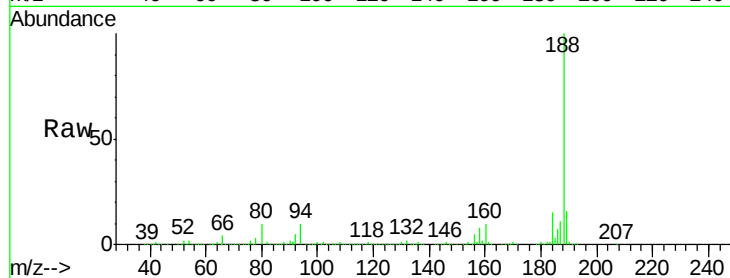
Tgt Ion:188 Resp: 1581718

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

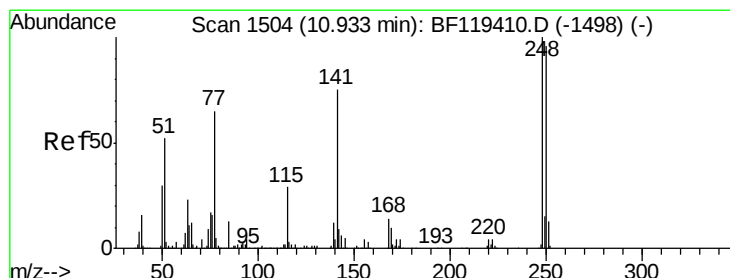
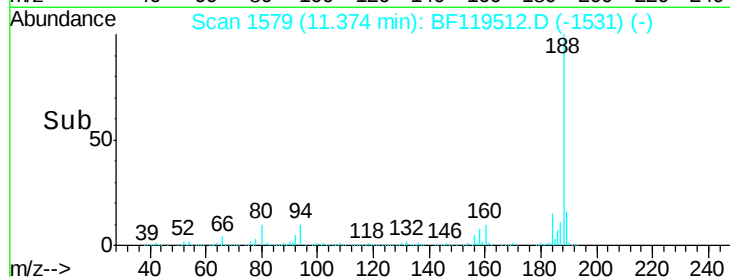
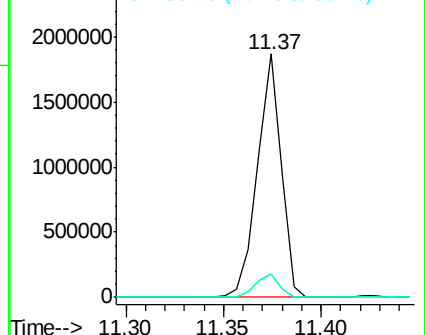
80 9.9 7.5 11.3



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: 2.87 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.26 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

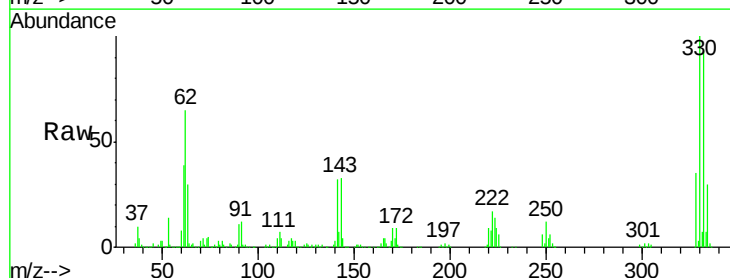
Tgt Ion:248 Resp: 51615

Ion Ratio Lower Upper

248 100

250 203.4 77.0 115.6#

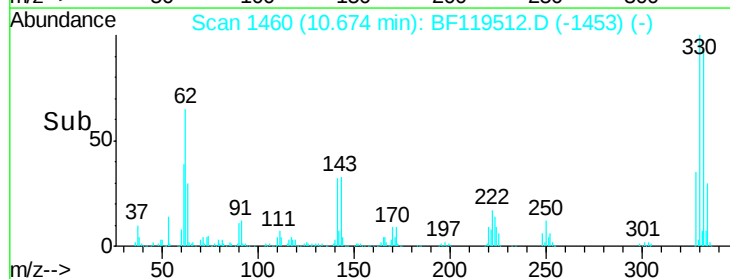
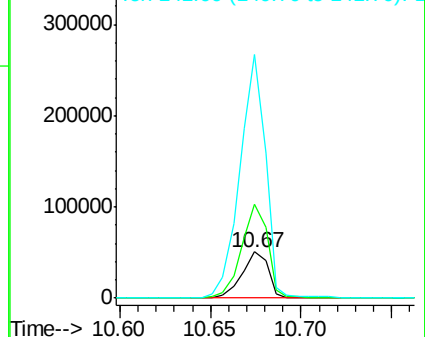
141 527.6 59.7 89.5#

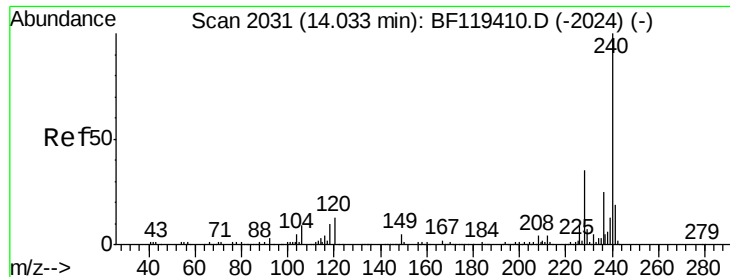


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

Instrument :

BNA_F

ClientSampleId :

FE-SB-35-(7-7.5)

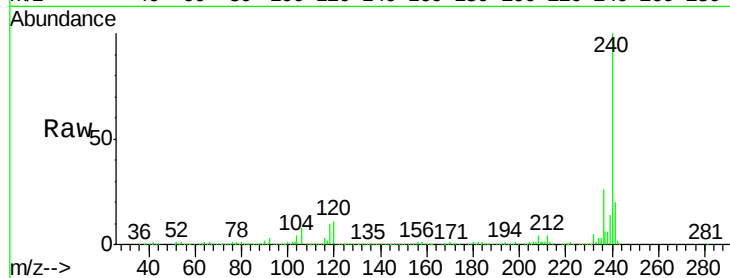
Tgt Ion:240 Resp: 1177274

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.4

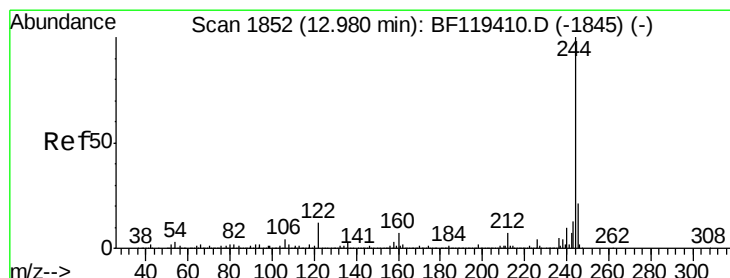
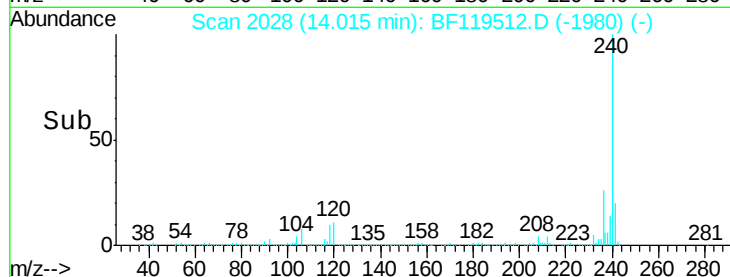
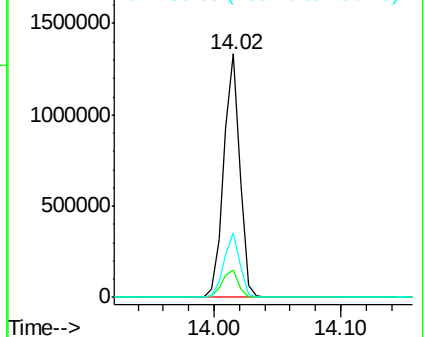
236 26.3 20.4 30.6



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: 59.91 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119512.D

Acq: 25 Mar 2020 19:18

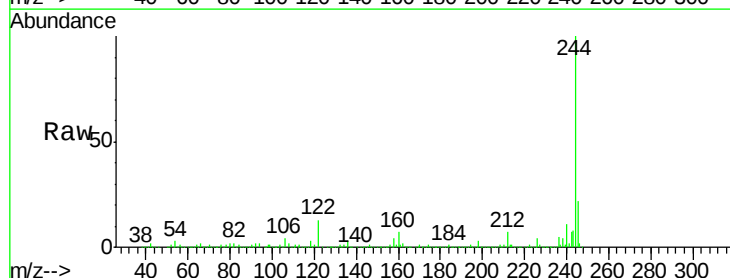
Tgt Ion:244 Resp: 3599676

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

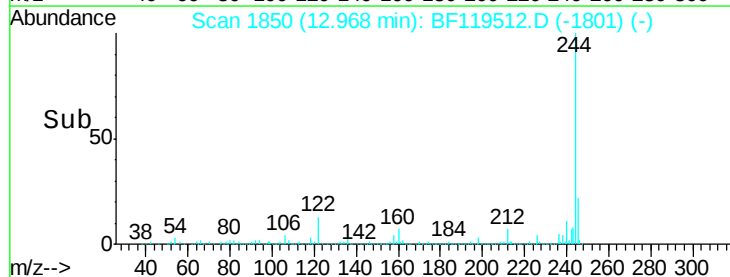
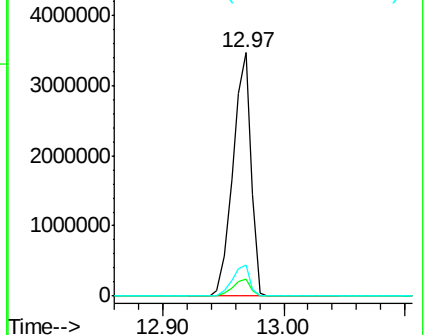
122 13.0 9.8 14.8

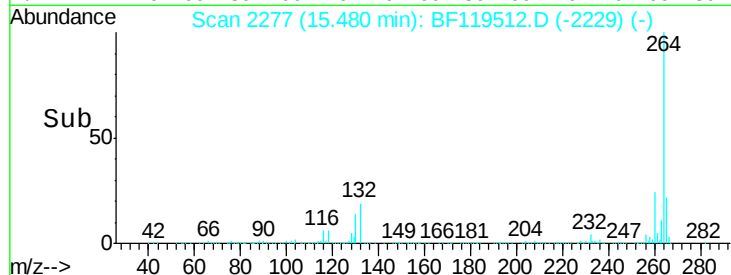
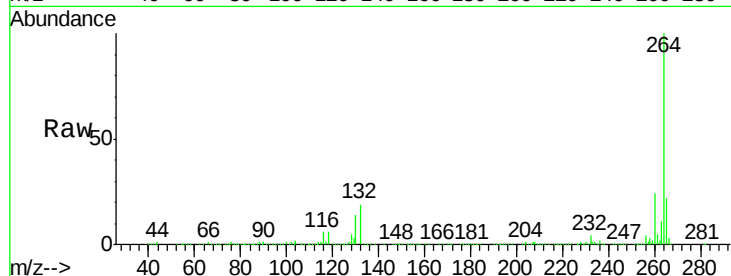
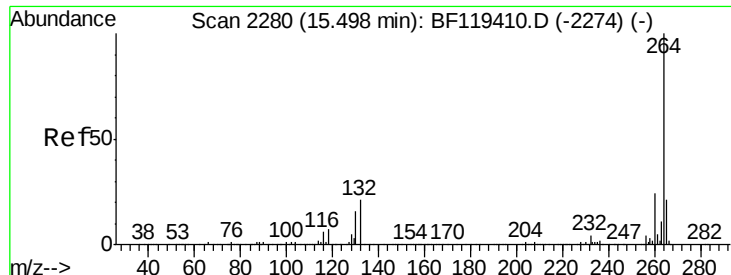


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF119512.D
Acq: 25 Mar 2020 19:18

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

Tgt Ion:	264	Resp:	971076
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	16.9	25.3

