

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121245.D
 Acq On : 11 Aug 2020 17:49
 Operator : JU/CG
 Sample : L3607-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 11 18:42:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

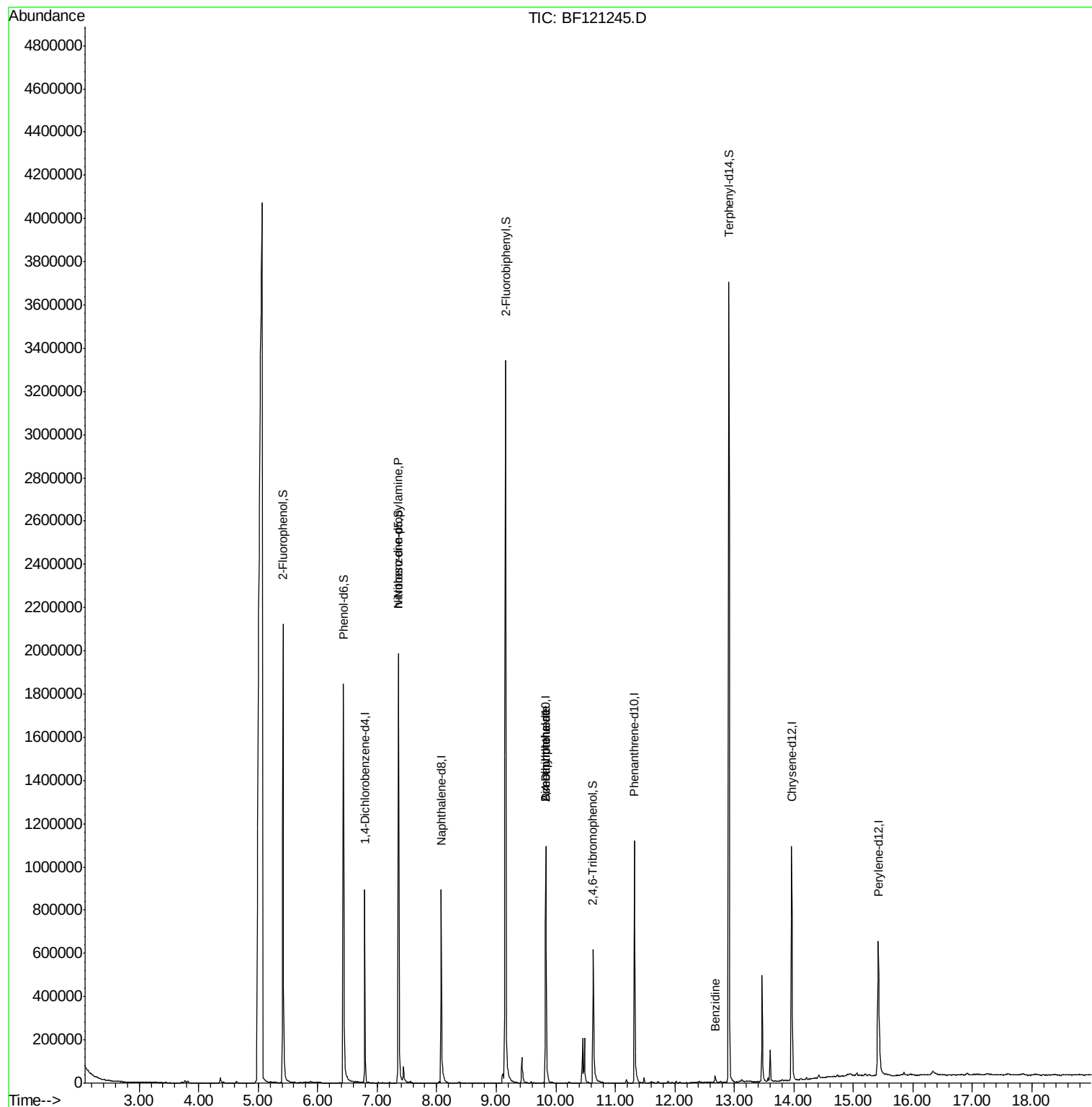
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127330	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	493278	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	259703	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	518433	20.00	ng	0.00
76) Chrysene-d12	13.96	240	454459	20.00	ng	0.00
86) Perylene-d12	15.42	264	425562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	668482	86.07	ng	0.00
7) Phenol-d6	6.43	99	784793	78.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	701165	82.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	113986	40.10	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1318323	75.79	ng	0.00
79) Terphenyl-d14	12.91	244	1450825	69.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	963	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	92268	16.173 ng	#	78
50) Dimethylphthalate	9.83	163	46434	2.478 ng	#	1
57) 2,4-Dinitrotoluene	9.83	165	32798	6.205 ng	#	29
77) Benzidine	12.67	184	25972	2.174 ng		97

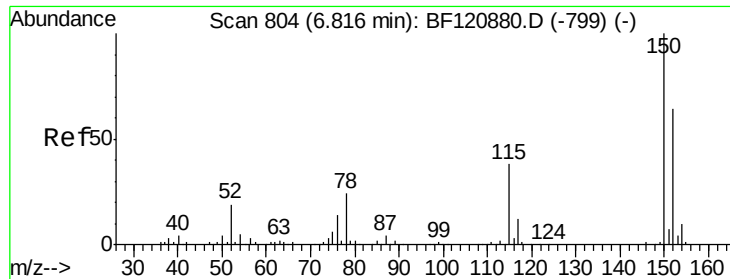
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

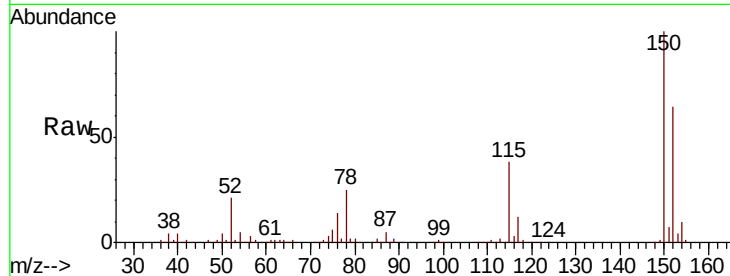
Tot Ion:152 Resp: 127330

Ion Ratio Lower Upper

152 100

150 156.2 125.6 188.4

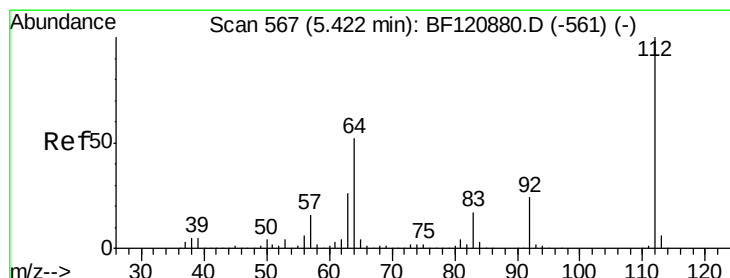
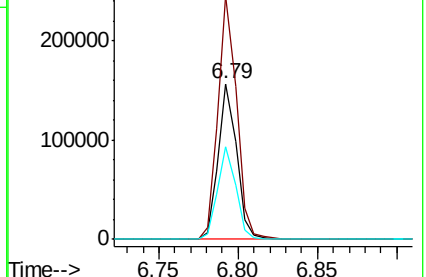
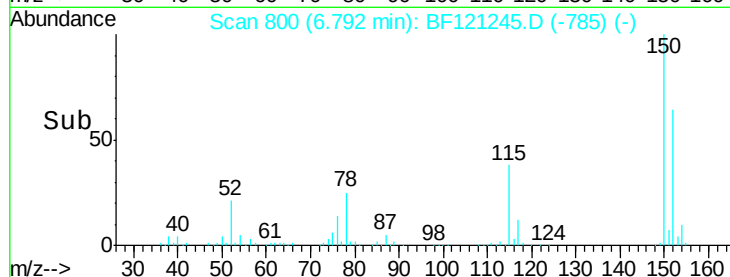
115 59.1 46.2 69.2



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: 86.066 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

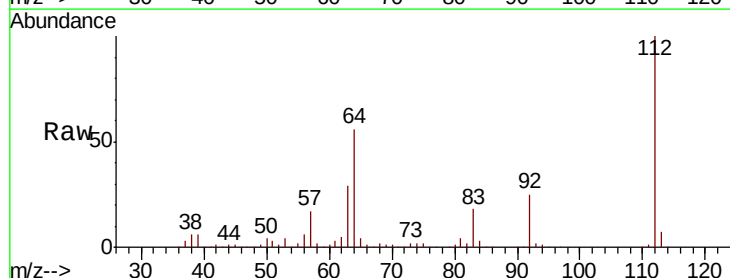
Tgt Ion:112 Resp: 668482

Ion Ratio Lower Upper

112 100

64 56.2 43.9 65.9

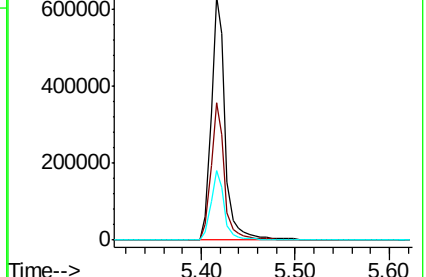
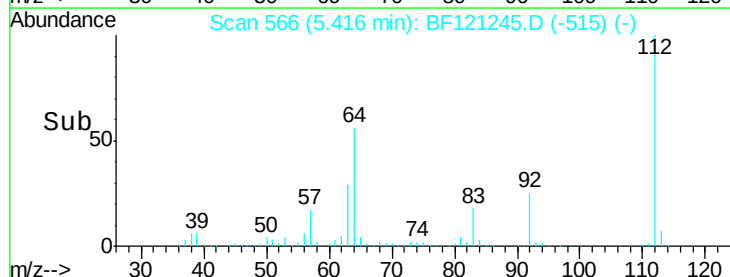
63 28.7 22.7 34.1

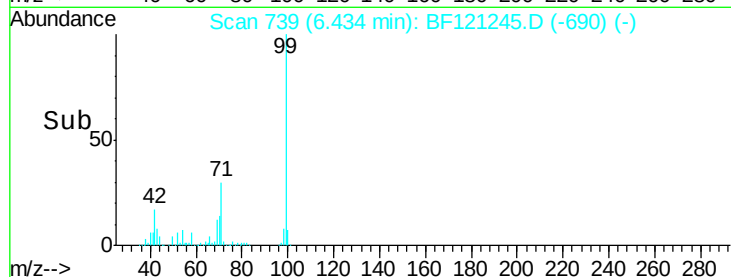
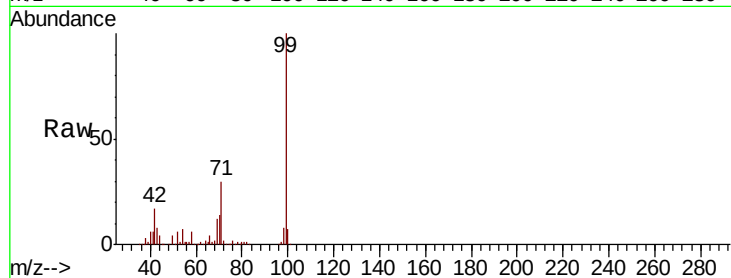
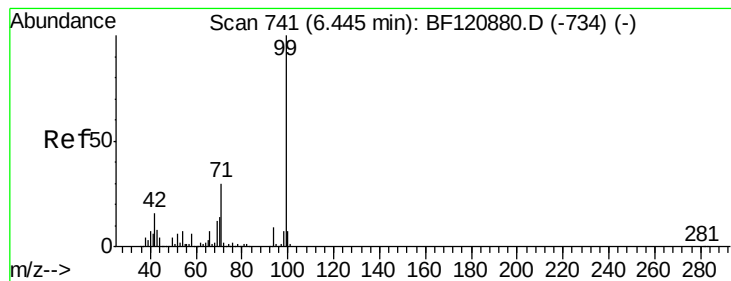


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.221 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

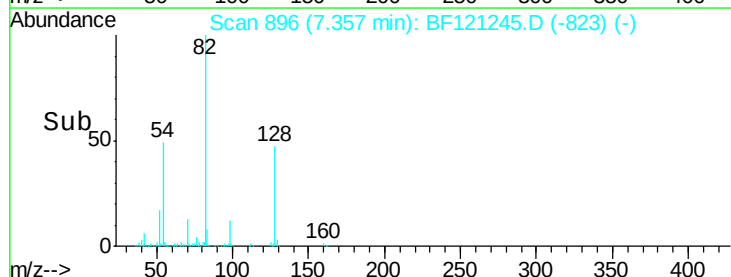
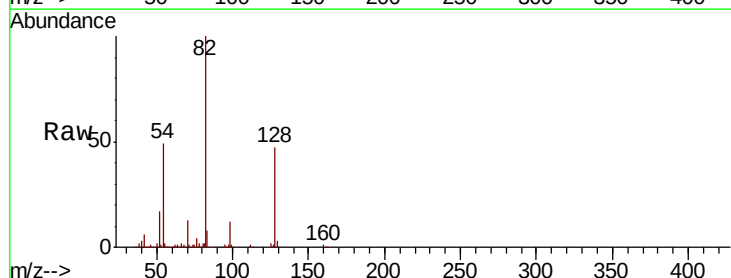
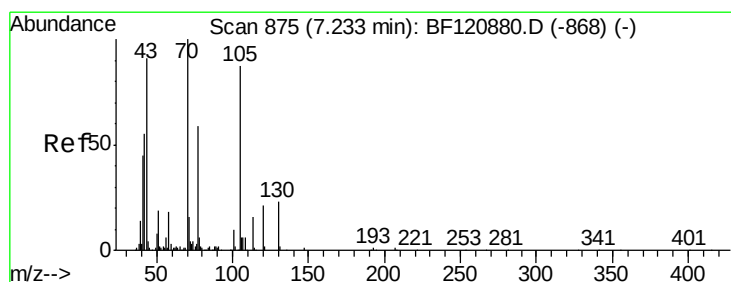
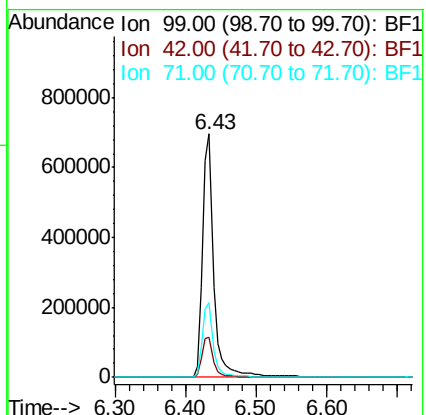
Tot Ion: 99 Resp: 784793

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 30.5 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.173 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Tgt Ion: 70 Resp: 92268

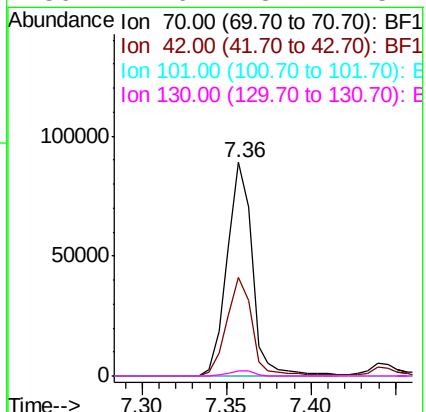
Ion Ratio Lower Upper

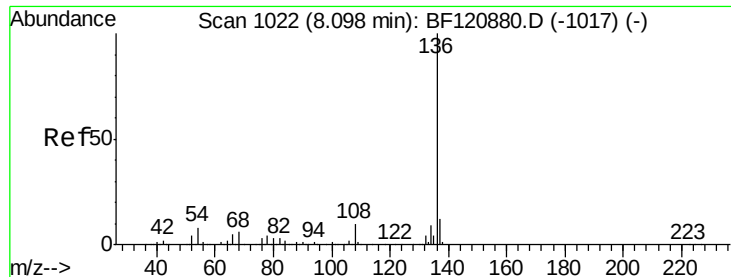
70 100

42 45.9 43.3 64.9

101 0.0 8.4 12.6#

130 2.6 18.7 28.1#

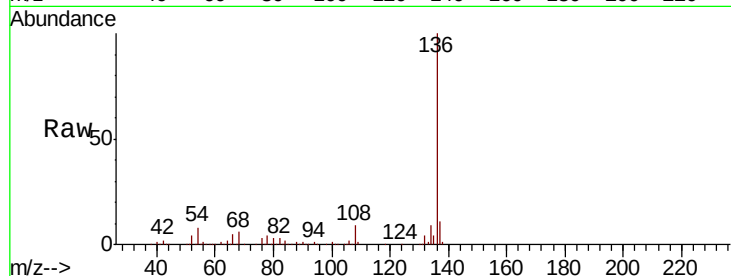




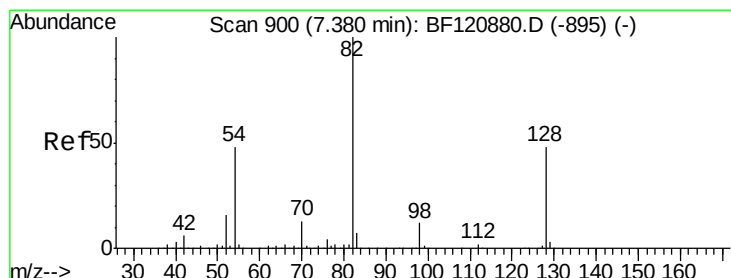
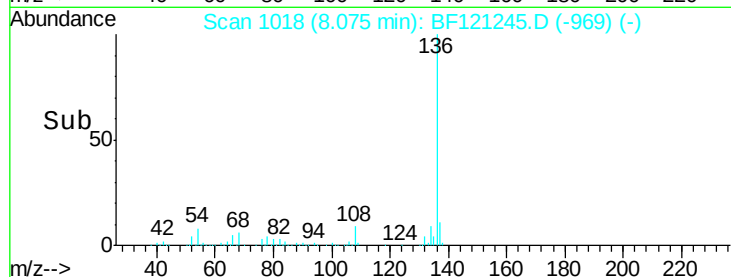
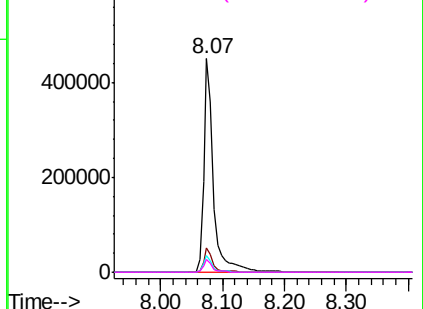
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121245.D
Acq: 11 Aug 2020 17:49

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMP

Tot Ion:136	Resp:	493278
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	7.8	6.1 9.1
68	6.0	5.0 7.6

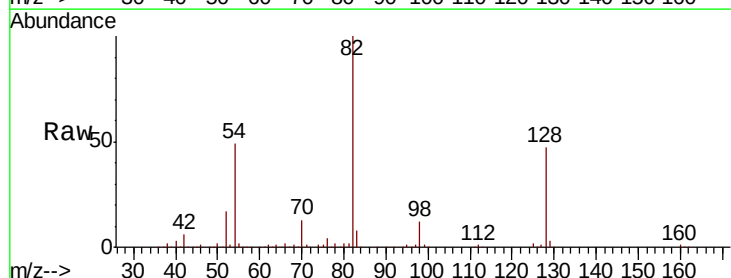


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

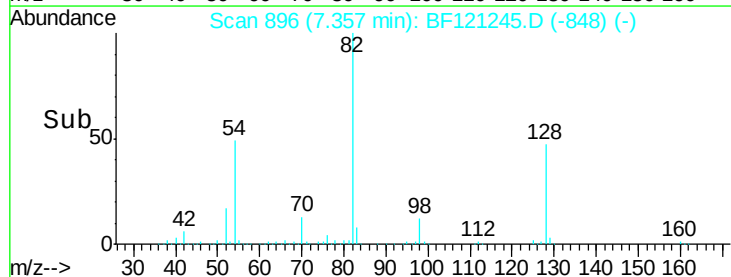
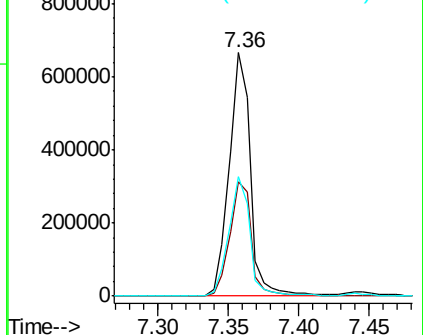


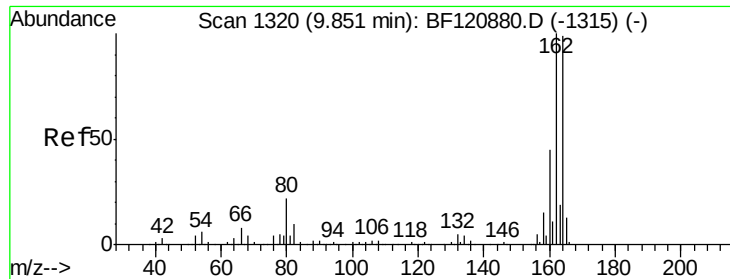
#23
Nitrobenzene-d5
Concen: 82.249 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121245.D
Acq: 11 Aug 2020 17:49

Tgt Ion: 82	Resp:	701165
Ion	Ratio	Lower Upper
82	100	
128	47.0	39.2 58.8
54	49.2	37.8 56.8



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

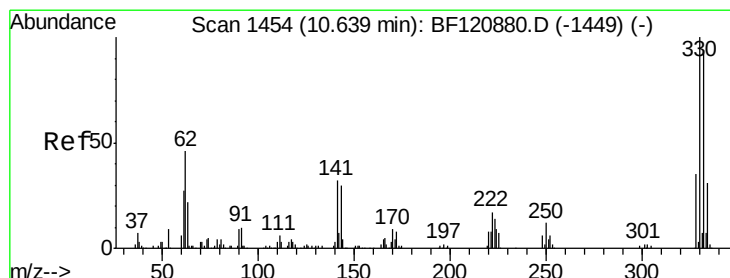
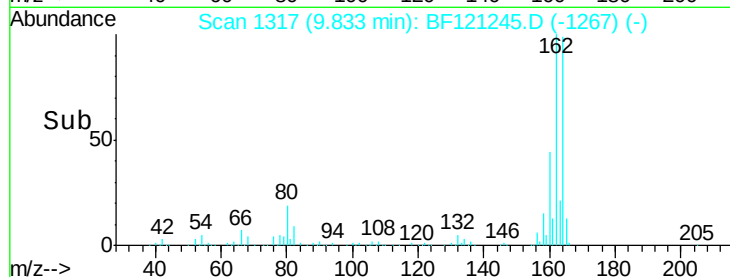
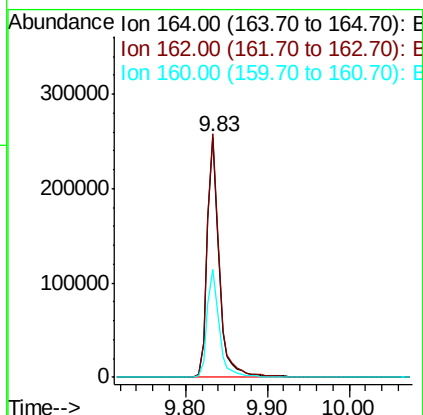
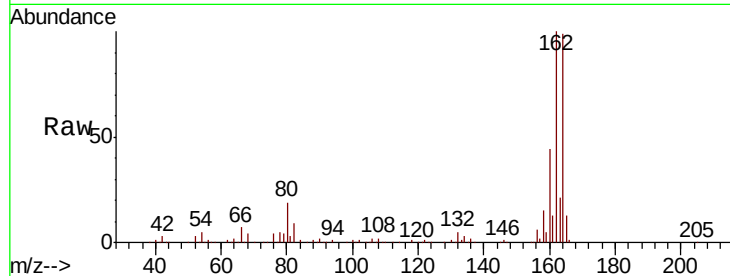




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

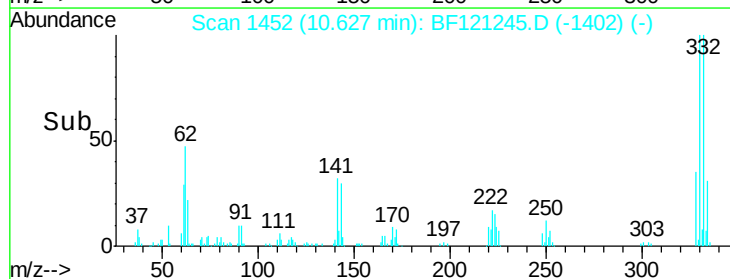
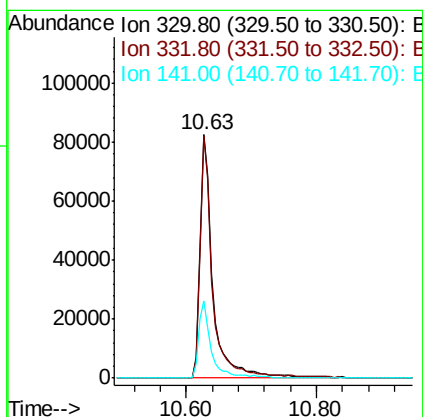
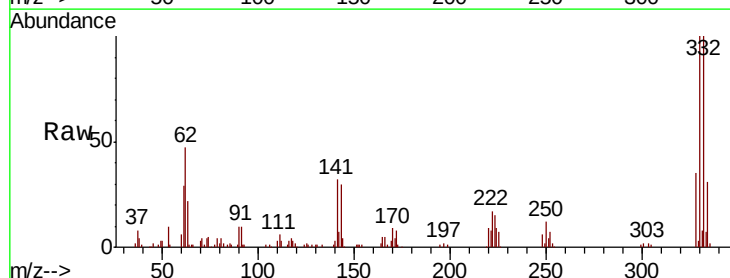
Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

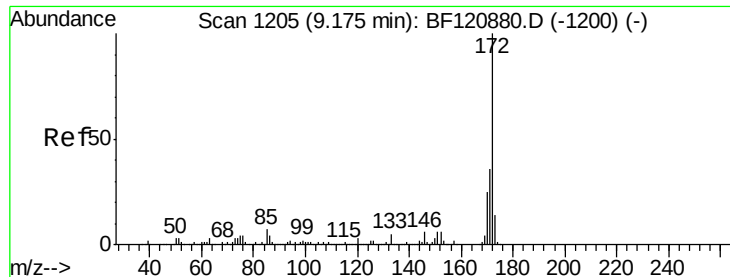
Tot Ion:164 Resp: 259703
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.2 123.2
 160 45.0 37.2 55.8



#42
 2,4,6-Tribromophenol
 Concen: 40.098 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Tgt Ion:330 Resp: 113986
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 31.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 75.791 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

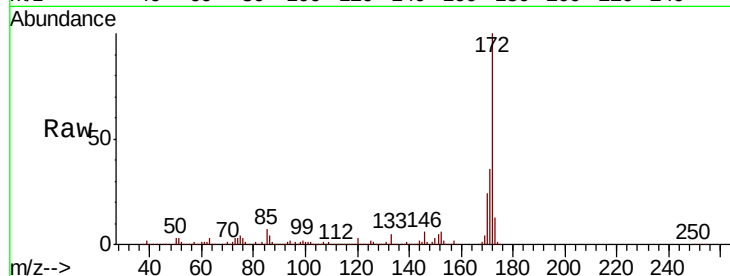
BNA_F

ClientSampleId :

ES-TOTE-COMP

Tot Ion:172 Resp: 1318323

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.6	29.4

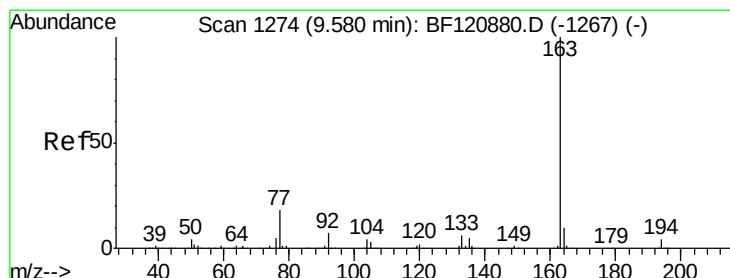
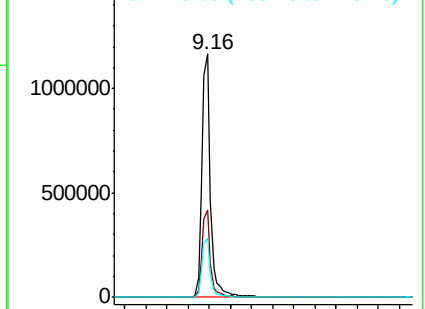
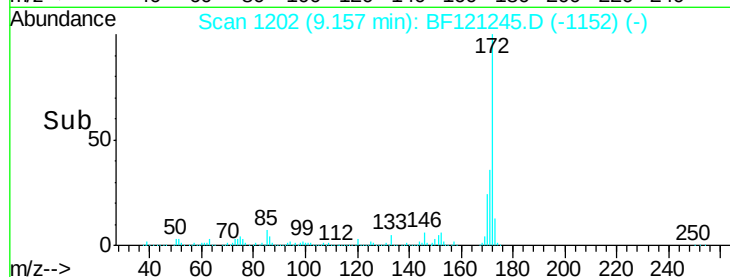


Abundance

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: 2.478 ng

RT: 9.83 min Scan# 1317

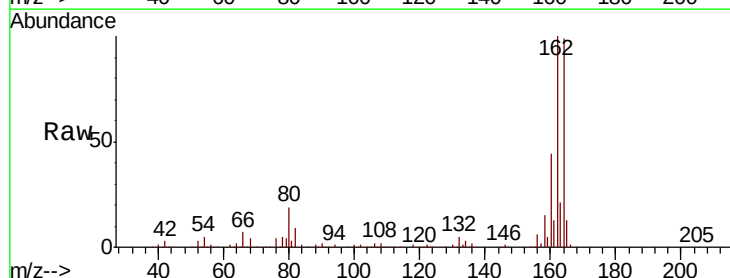
Delta R.T. 0.26 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Tgt Ion:163 Resp: 46434

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	461.6	8.4	12.6#

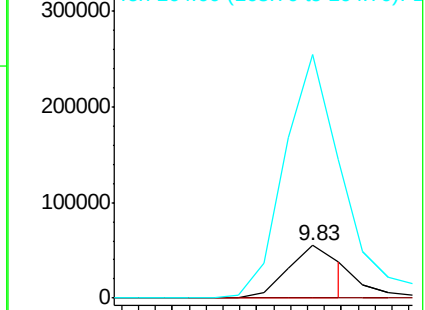
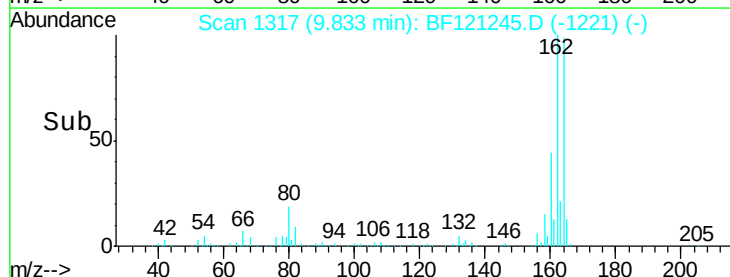


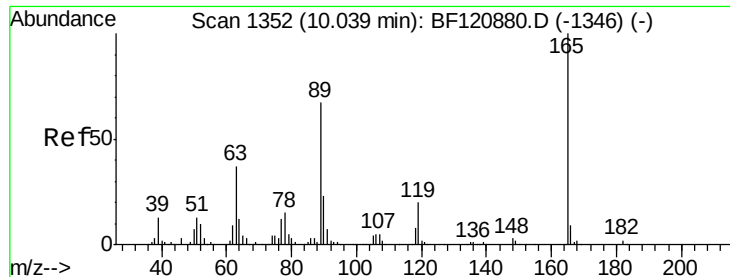
Abundance

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: 6.205 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

Tot Ion:165 Resp: 32798

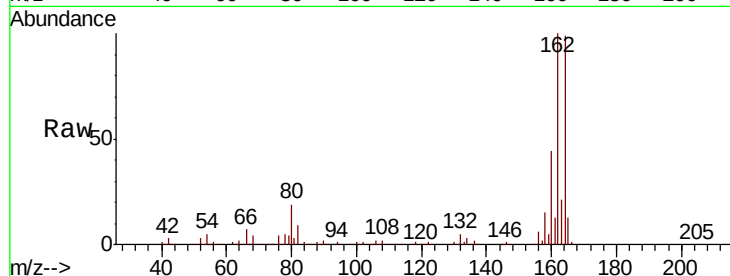
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.1 50.3 75.5#

182 0.0 2.1 3.1#

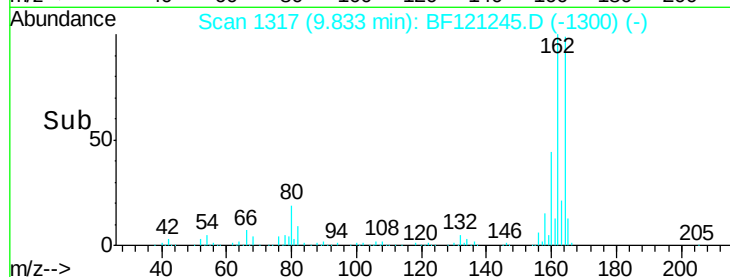


Abundance Ion 165.00 (164.70 to 165.70): E

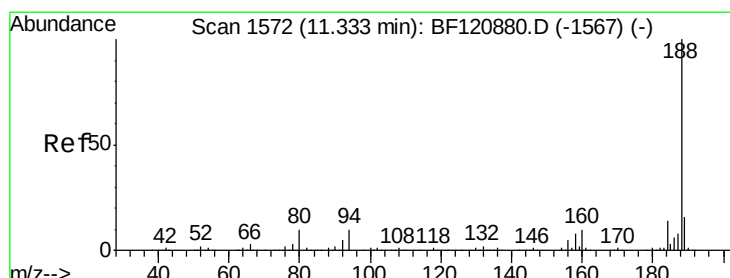
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

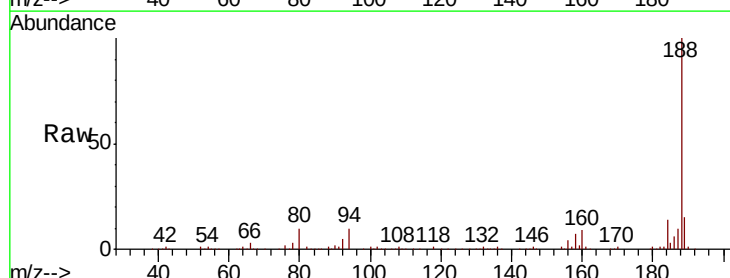
Tgt Ion:188 Resp: 518433

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

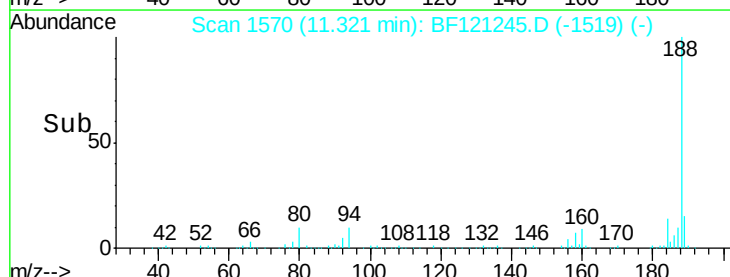
80 9.7 8.3 12.5



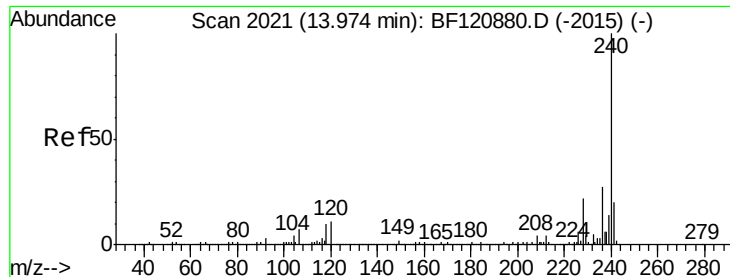
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMP

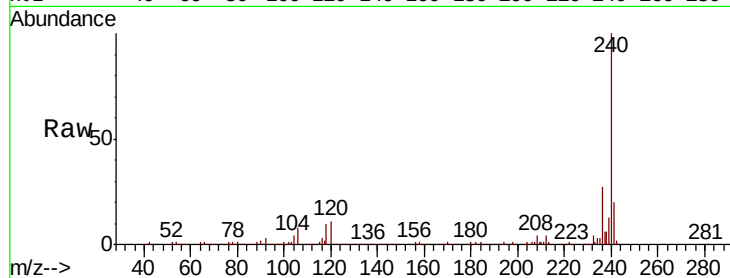
Tot Ion:240 Resp: 454459

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

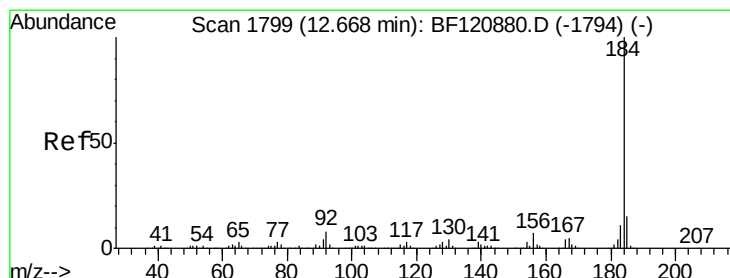
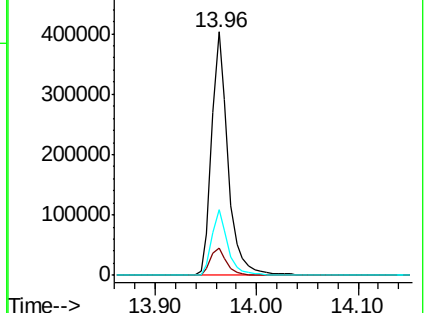
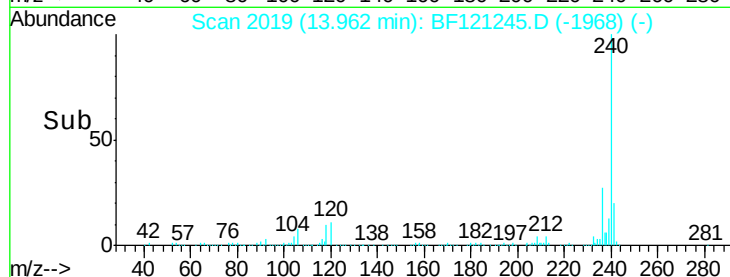
236 26.8 21.1 31.7



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: 2.174 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.02 min

Lab File: BF121245.D

Acq: 11 Aug 2020 17:49

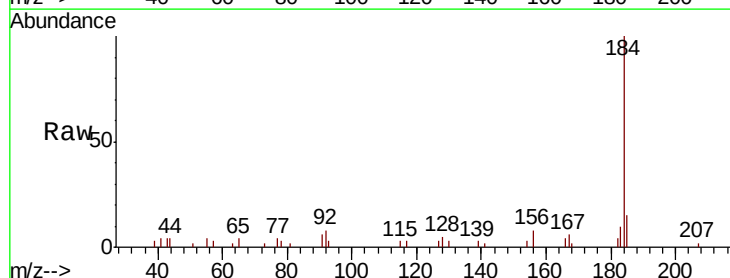
Tgt Ion:184 Resp: 25972

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

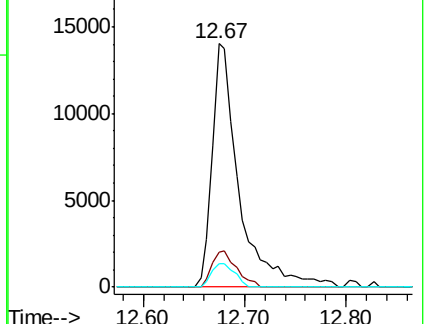
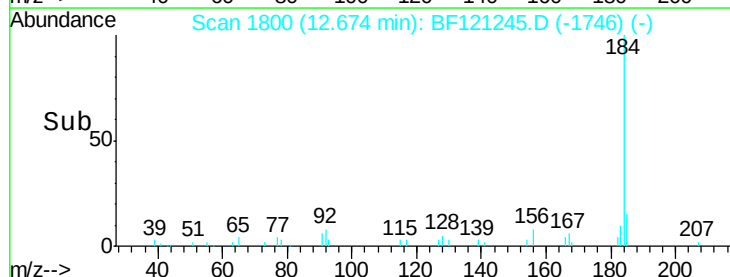
183 9.6 9.0 13.4

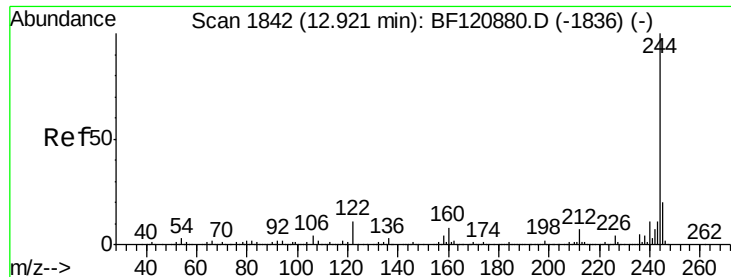


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

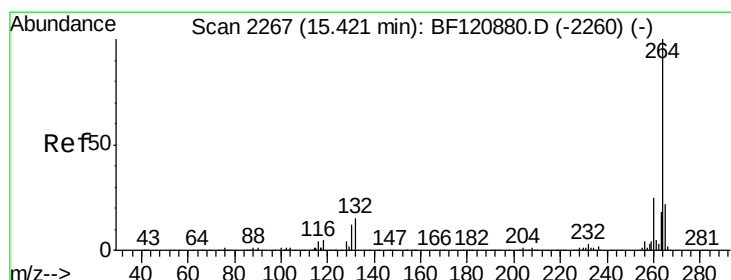
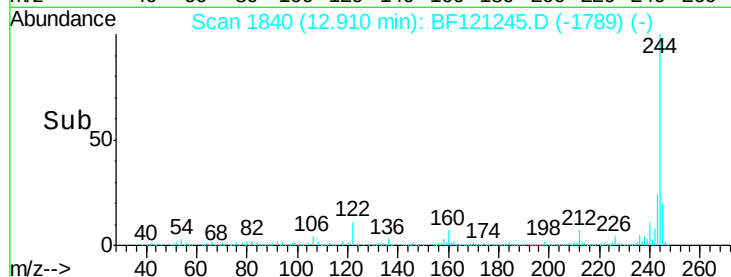
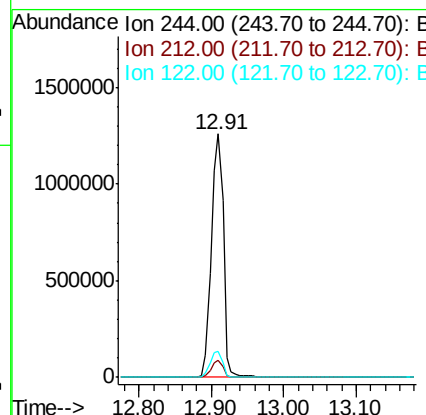
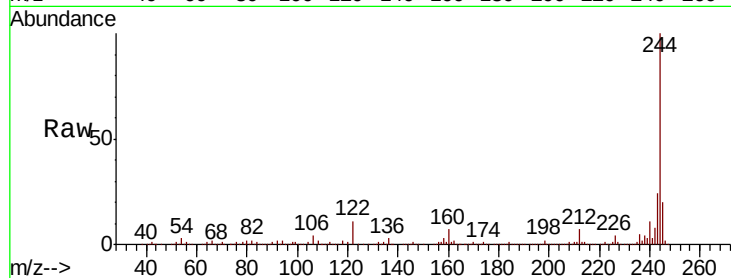




#79
 Terphenyl-d14
 Concen: 69.396 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMP

Tot Ion:244 Resp: 1450825
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121245.D
 Acq: 11 Aug 2020 17:49

Tgt Ion:264 Resp: 425562
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 21.8 17.8 26.8

