

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119687.D
 Acq On : 2 Apr 2020 00:49
 Operator : MA/SJ
 Sample : PB127927BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BL

Quant Time: Apr 02 02:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

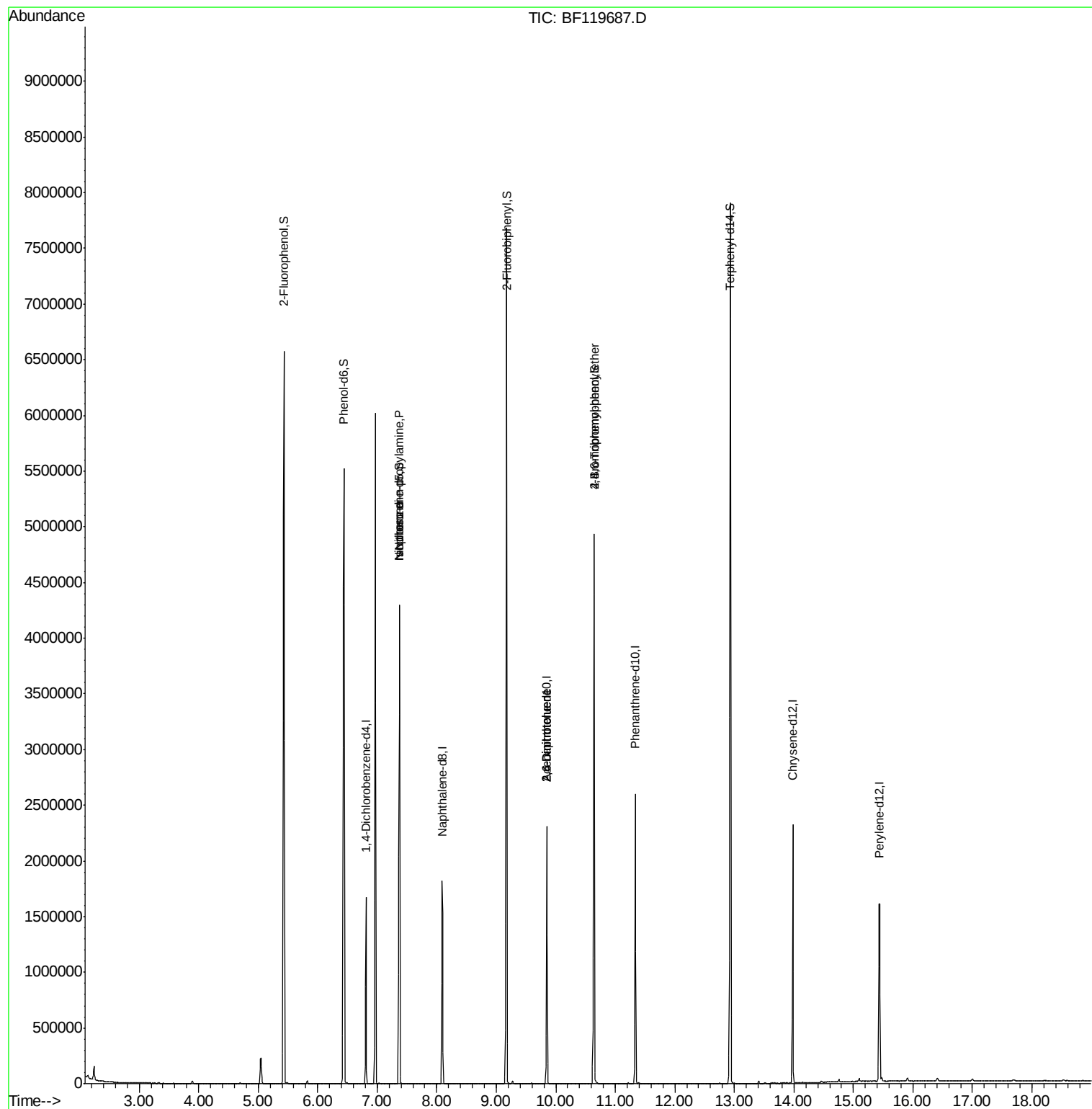
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	229162	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	872564	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	462792	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	941859	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	764931	20.00	ng	-0.02
87) Perylene-d12	15.44	264	775855	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1901962	132.12	ng	0.02
7) Phenol-d6	6.44	99	2421641	131.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	1497504	93.27	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	720251	150.85	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2858835	91.52	ng	0.00
79) Terphenyl-d14	12.93	244	3477780	89.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	198242	17.89	ng	# 74
25) Isophorone	7.37	82	1495464	45.92	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	59009	8.37	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	59009	6.65	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	43088	4.02	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: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

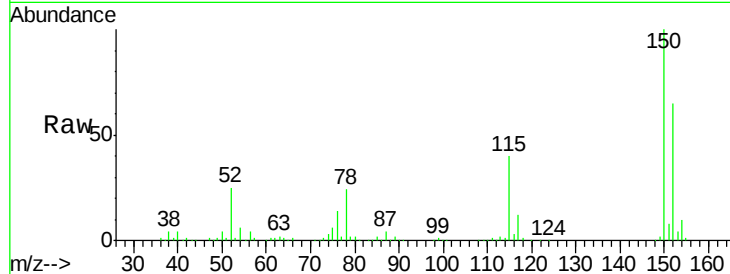
Tgt Ion:152 Resp: 229162

Ion Ratio Lower Upper

152 100

150 153.3 124.5 186.7

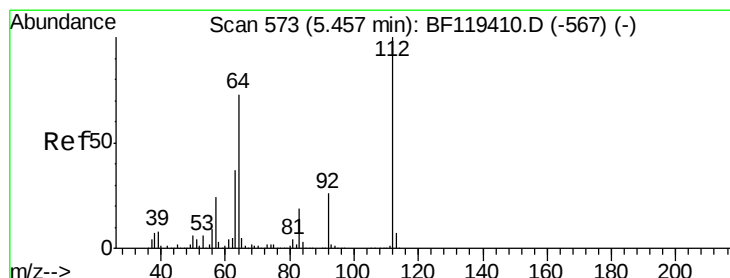
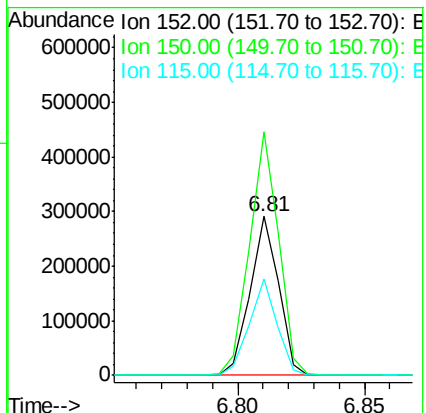
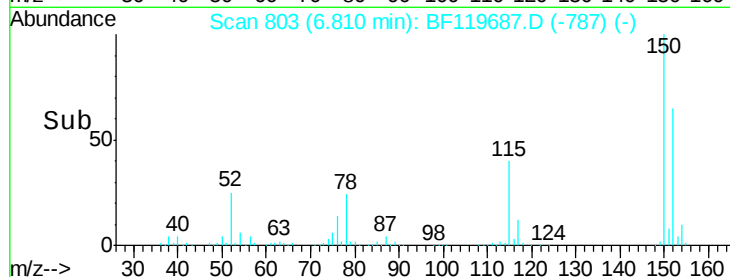
115 60.6 49.6 74.4



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: 132.12 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

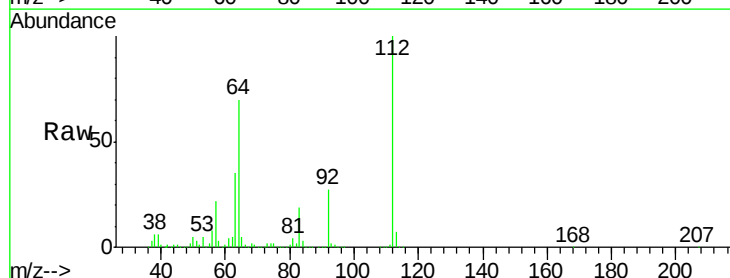
Tgt Ion:112 Resp: 1901962

Ion Ratio Lower Upper

112 100

64 69.6 56.7 85.1

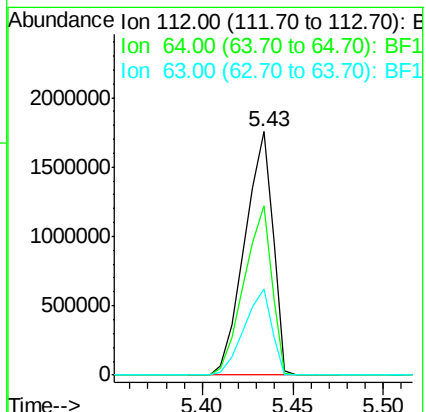
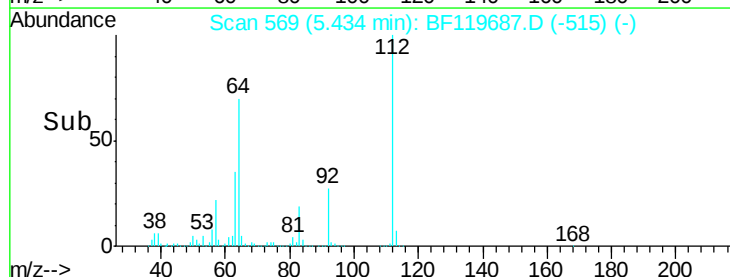
63 35.4 29.5 44.3

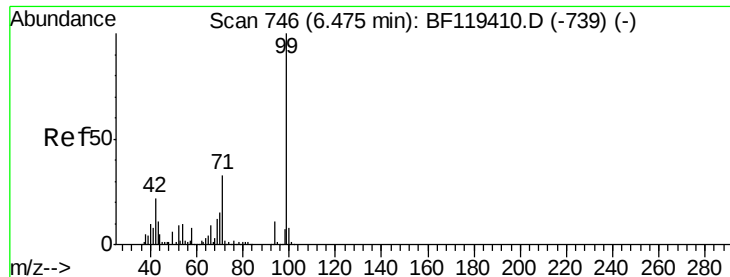


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.69 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

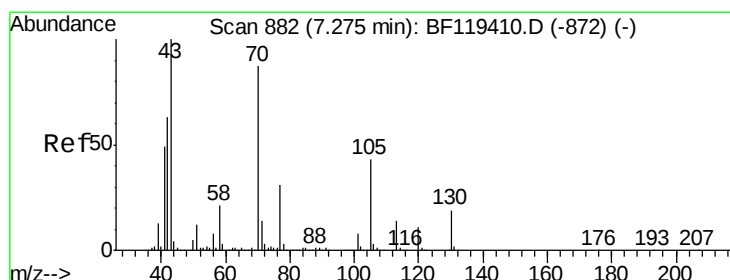
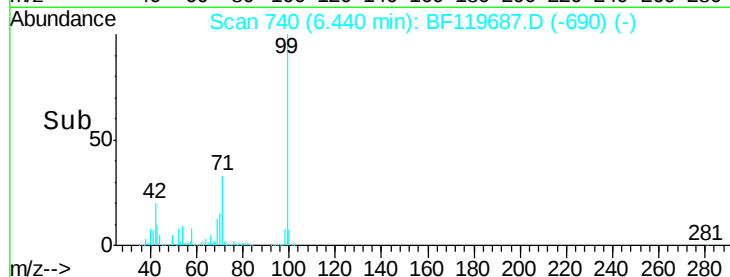
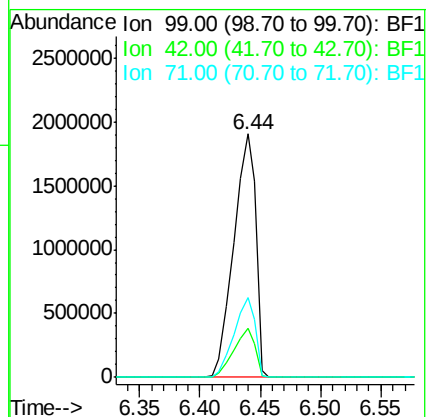
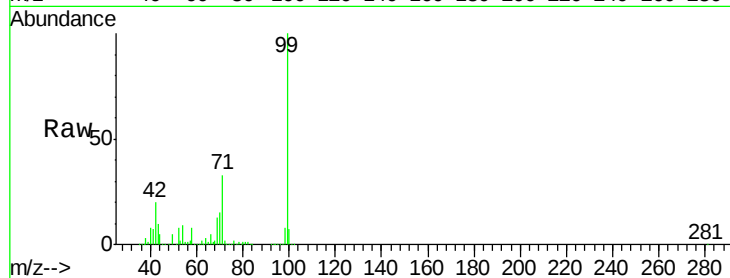
Tgt Ion: 99 Resp: 2421641

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.89 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Tgt Ion: 70 Resp: 198242

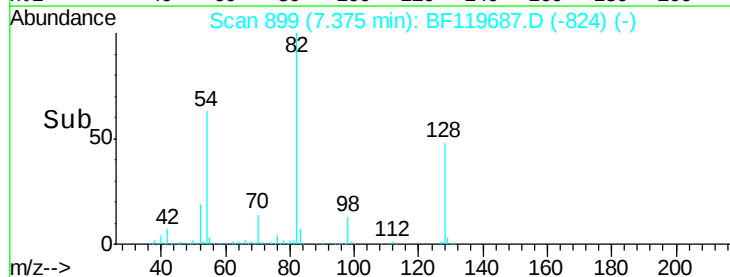
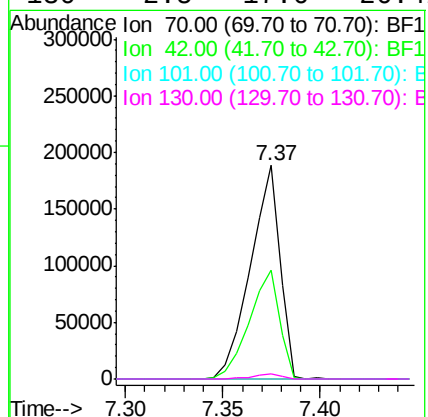
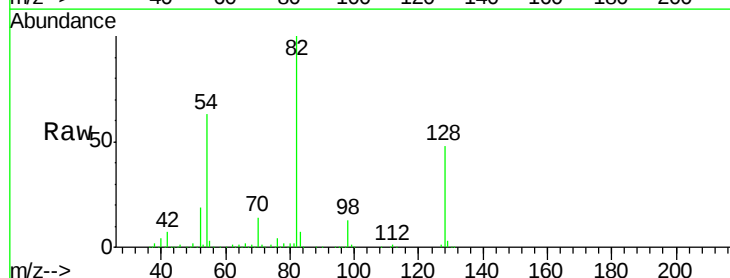
Ion Ratio Lower Upper

70 100

42 51.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

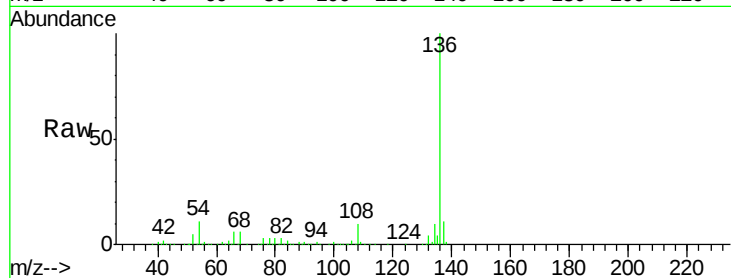




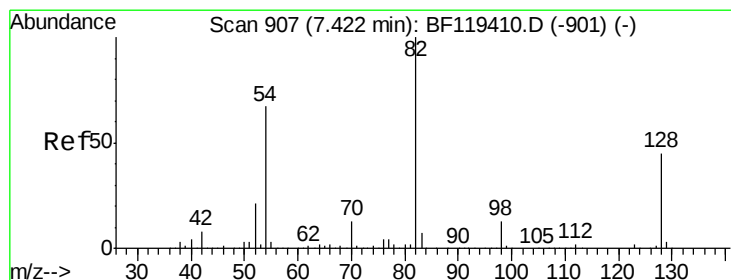
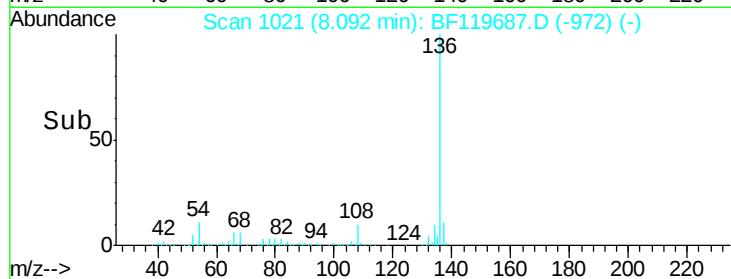
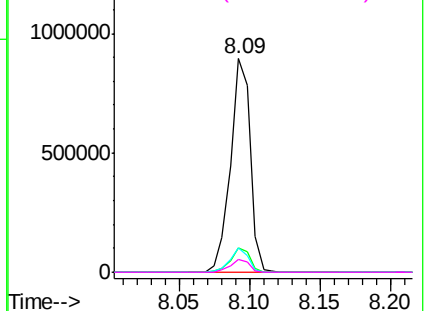
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
PB127927BL

Tgt Ion:	136	Resp:	872564
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.1	9.1	13.7
68	6.3	4.6	6.8

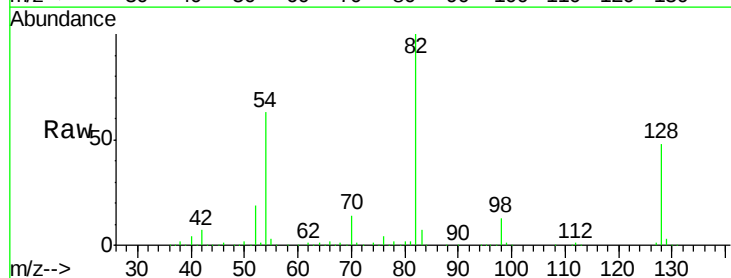


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

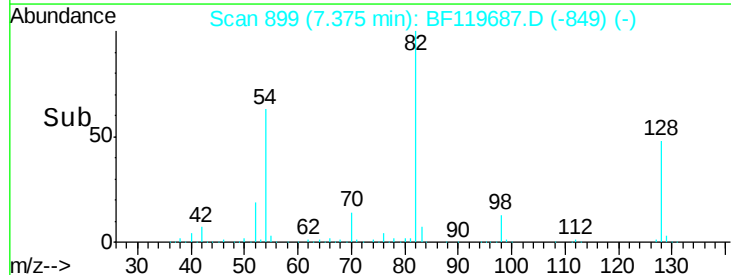
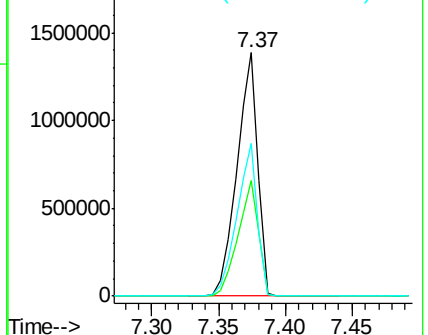


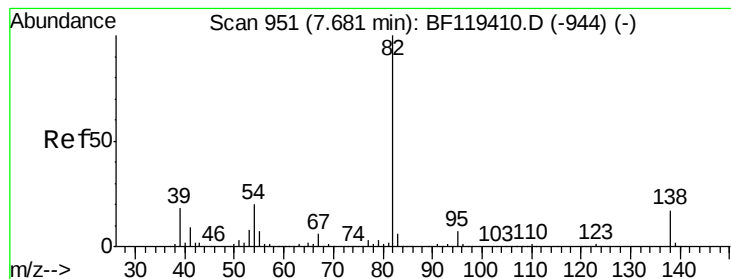
#23
Nitrobenzene-d5
Concen: 93.27 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Tgt Ion:	82	Resp:	1497504
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	62.8	50.6	75.8



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





#25

Isophorone

Concen: 45.92 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

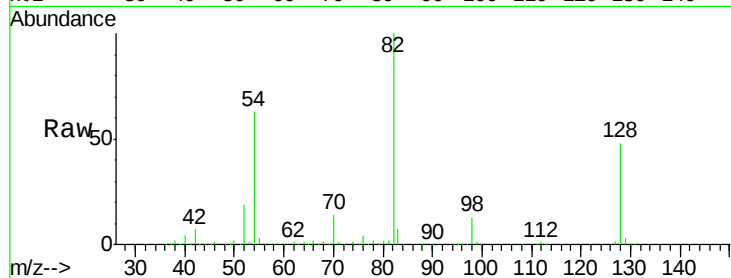
Tgt Ion: 82 Resp: 1495464

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

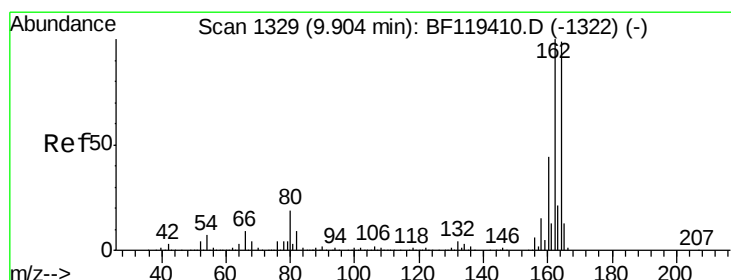
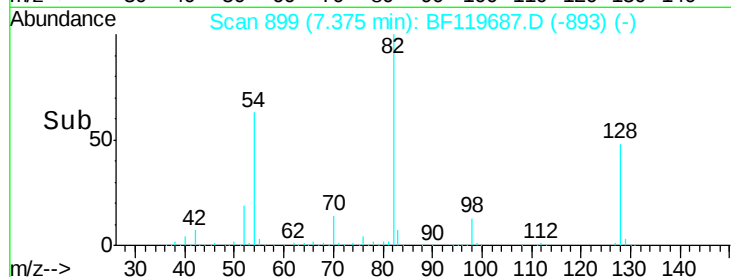
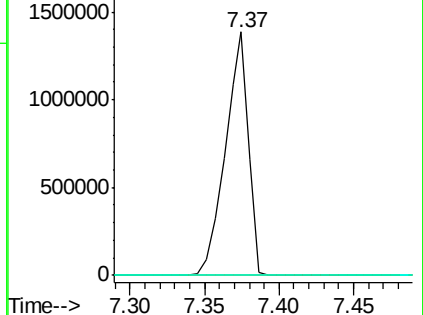
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

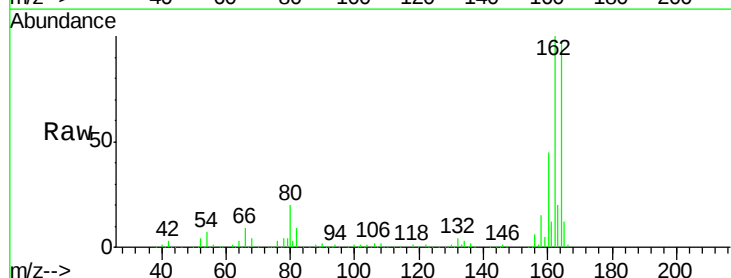
Tgt Ion: 164 Resp: 462792

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

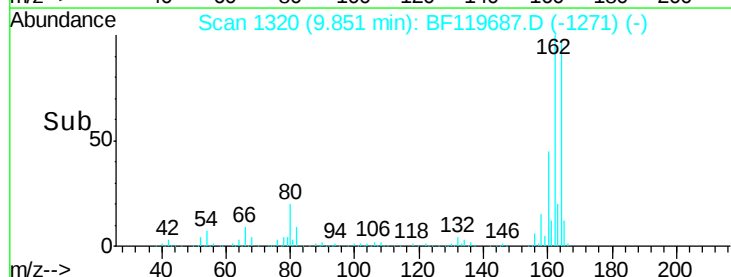
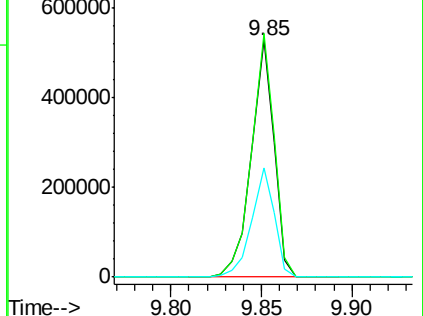
160 46.1 35.7 53.5



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

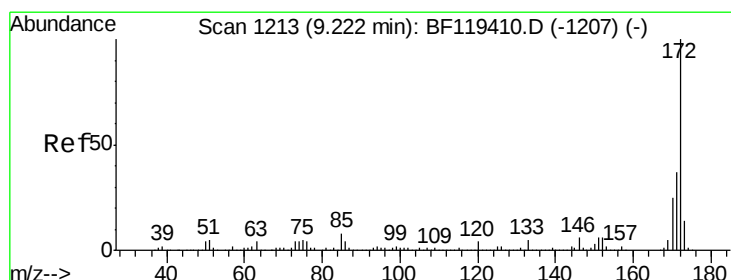
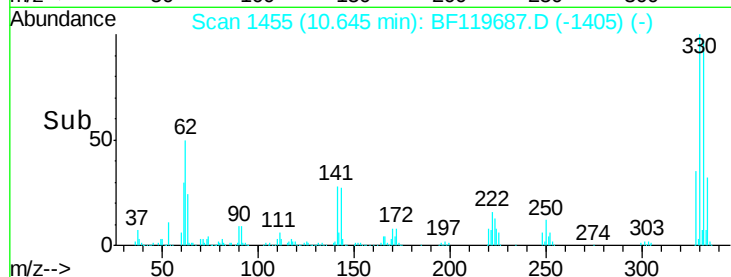
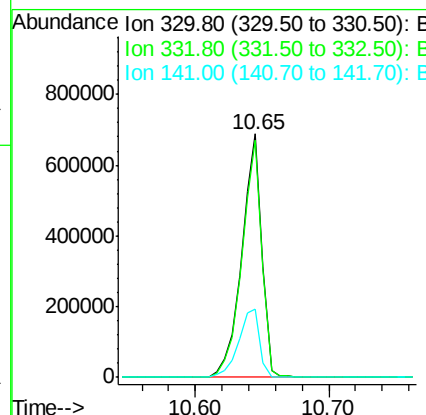
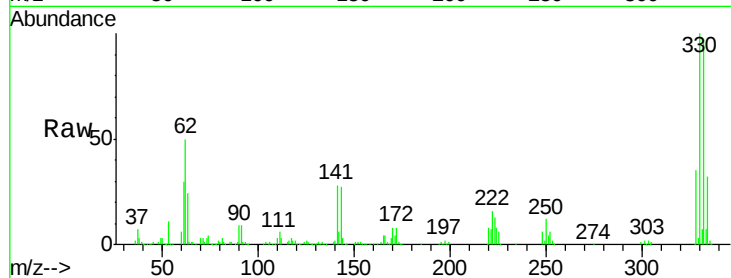




#42
 2,4,6-Tribromophenol
 Concen: 150.85 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

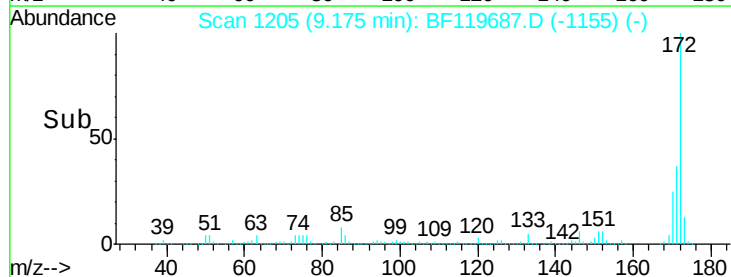
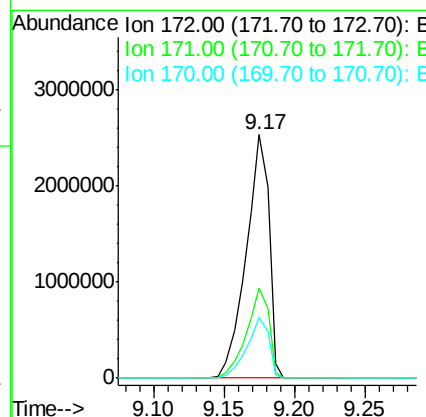
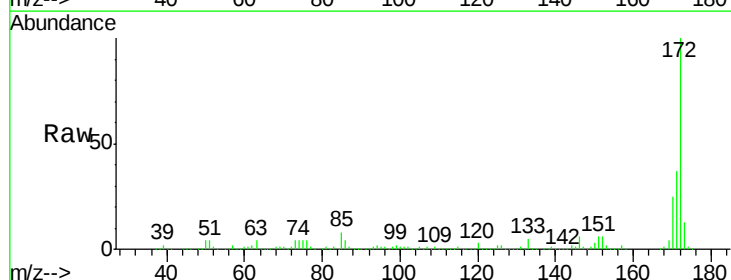
Instrument :
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 PB127927BL

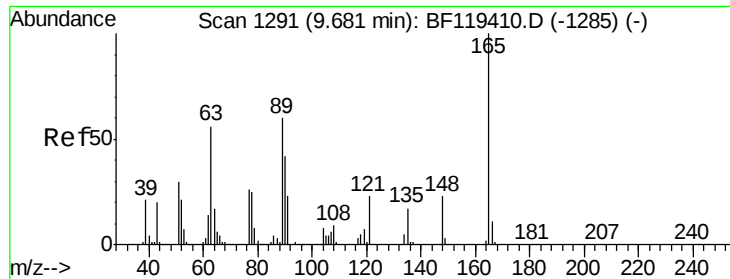
Tgt Ion:330 Resp: 720251
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.7 113.5
 141 29.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 91.52 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Tgt Ion:172 Resp: 2858835
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.7 20.2 30.2

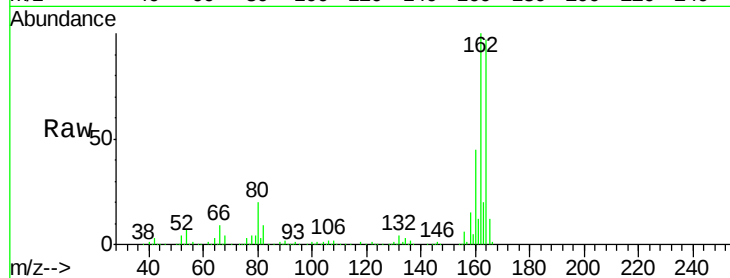




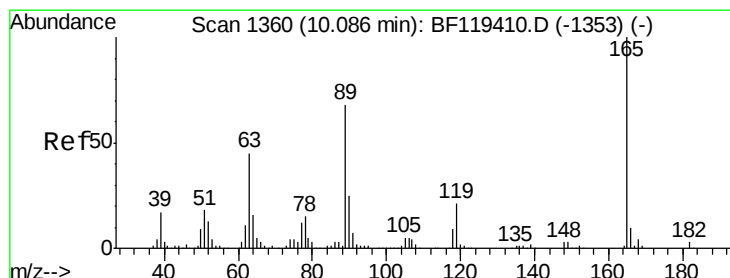
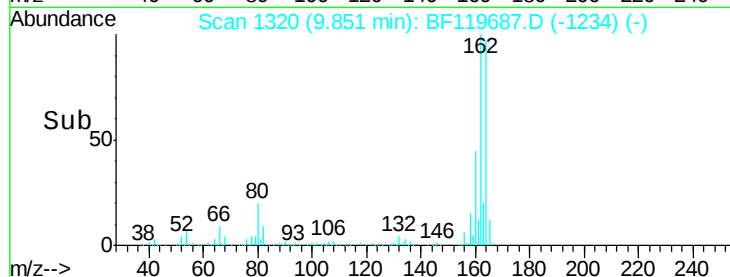
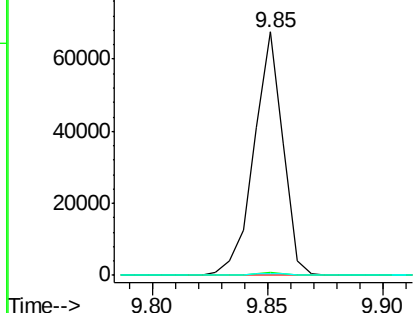
#51
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BL

Tgt Ion:165 Resp: 59009
 Ion Ratio Lower Upper
 165 100
 63 1.1 45.0 67.4#
 89 0.8 41.5 62.3#



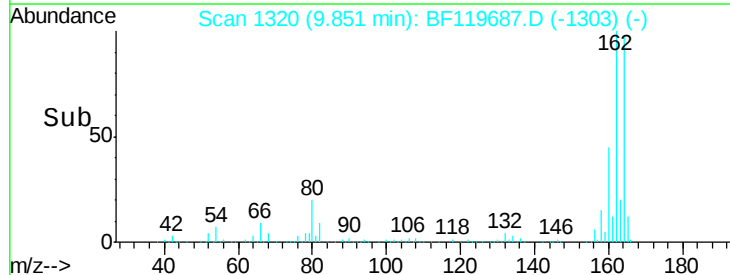
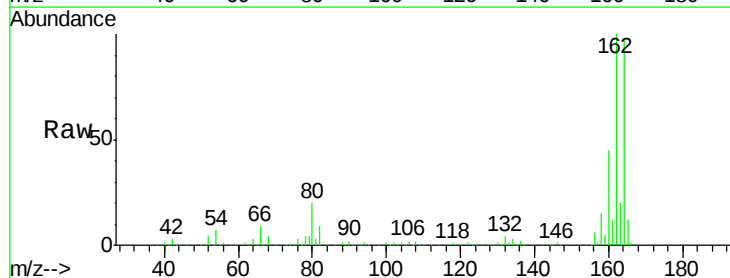
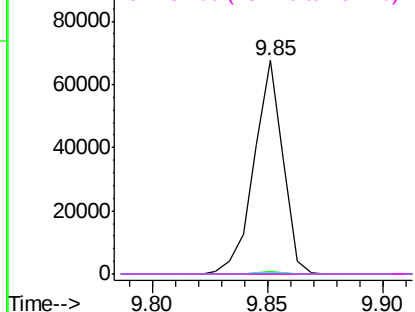
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Tgt Ion:165 Resp: 59009
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.6 64.0#
 89 0.8 61.0 91.4#
 182 0.0 2.2 3.2#

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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

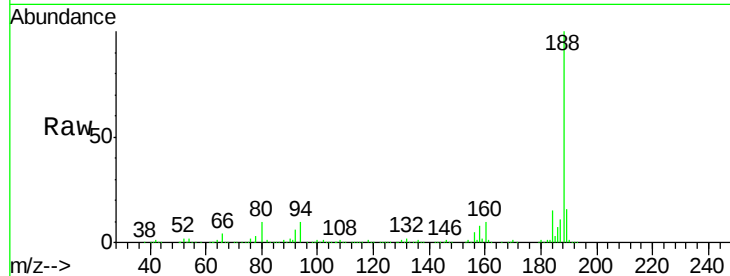
Tgt Ion:188 Resp: 941859

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

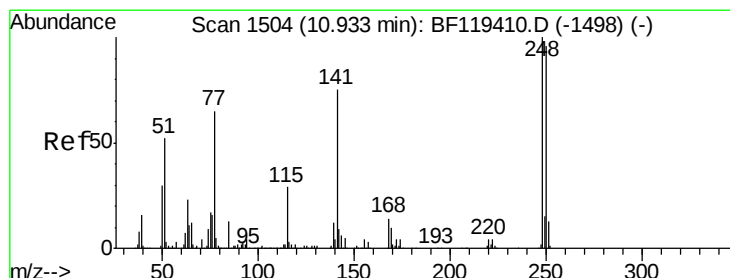
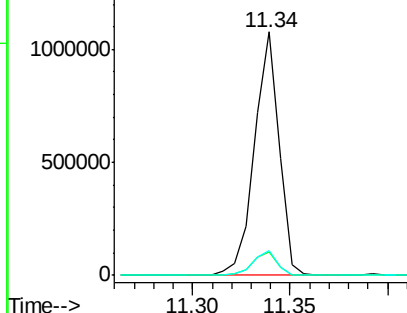
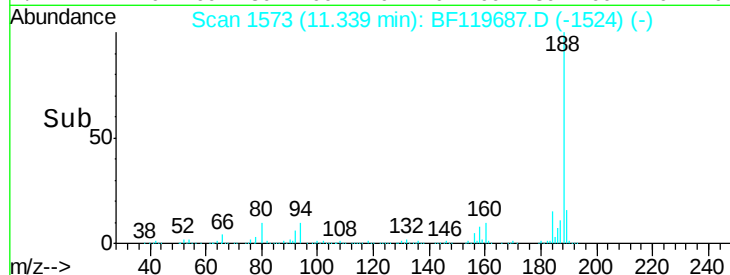
80 10.1 9.0 13.4



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: 4.02 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

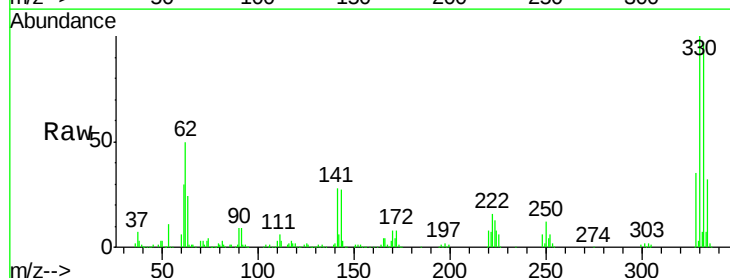
Tgt Ion:248 Resp: 43088

Ion Ratio Lower Upper

248 100

250 198.3 77.3 115.9#

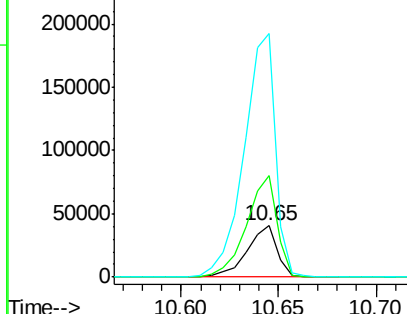
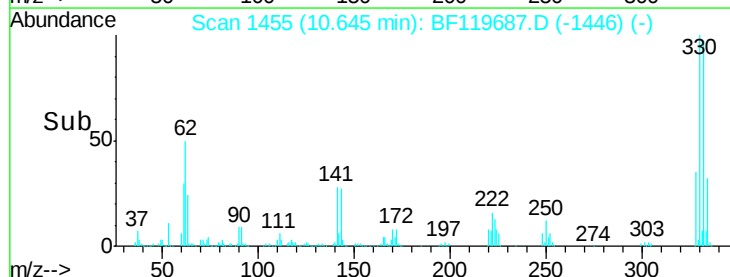
141 473.6 58.6 87.8#

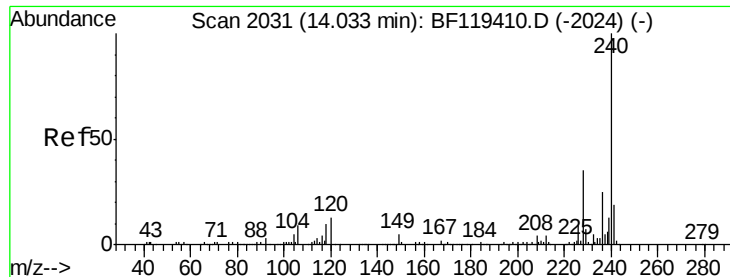


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

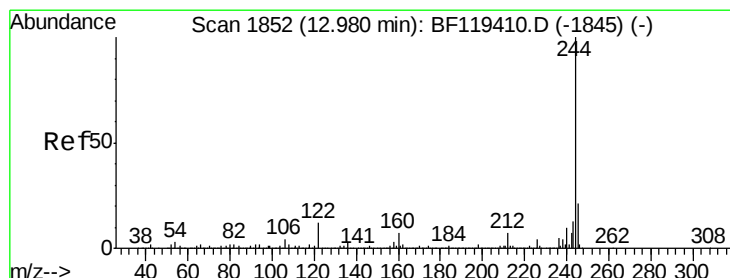
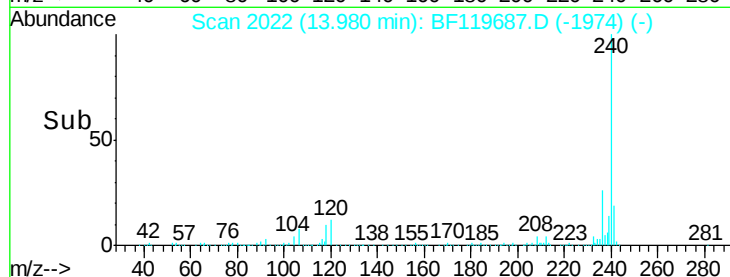
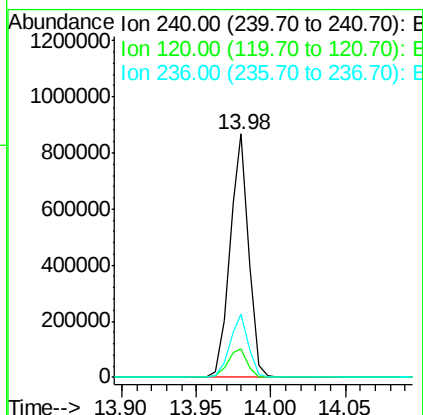
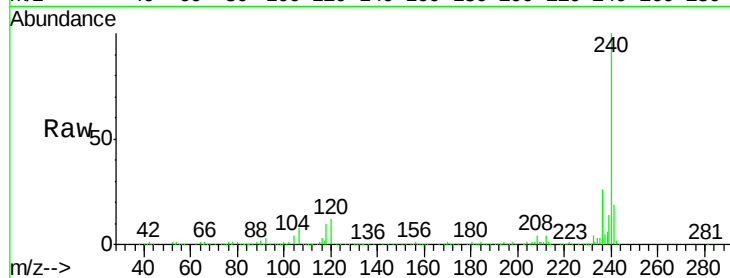




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

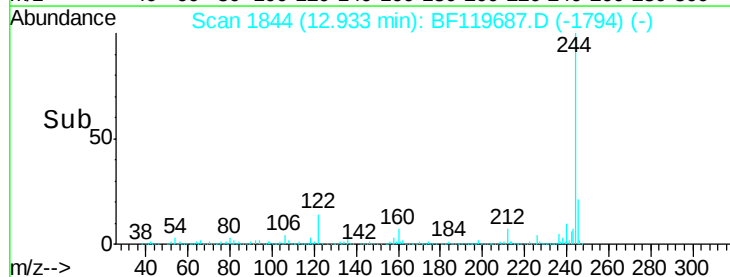
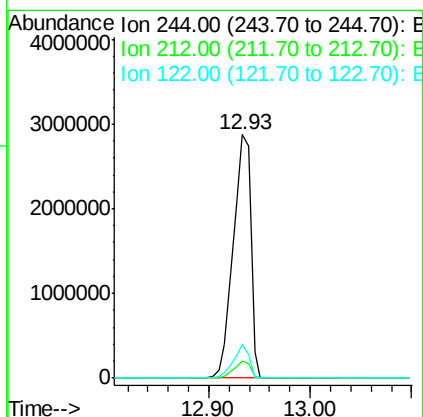
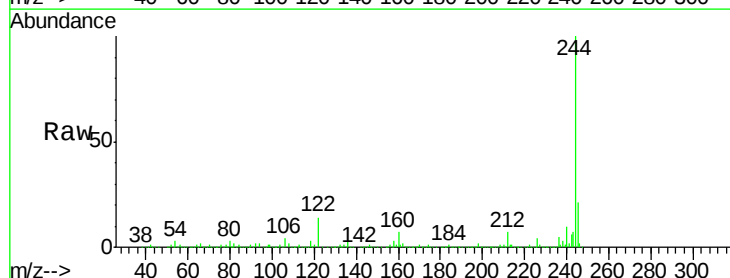
Instrument :
BNA_F
ClientSampleId :
PB127927BL

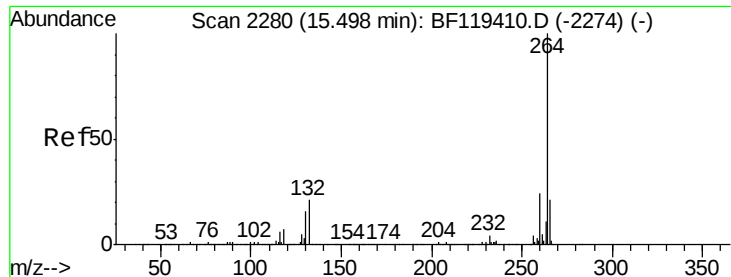
Tgt Ion:240 Resp: 764931
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 89.08 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Tgt Ion:244 Resp: 3477780
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.7 10.3 15.5

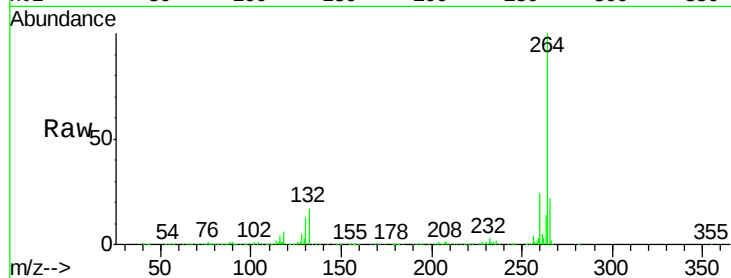




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
PB127927BL

Tgt Ion: 264 Resp: 775855
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.6 17.7 26.5



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

