

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF032620\
 Data File : BF119535.D
 Acq On : 26 Mar 2020 17:56
 Operator : CG/JU
 Sample : PB127833BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BL

Quant Time: Mar 26 18:31:13 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	260612	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	978979	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	529776	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1063156	20.00	ng	0.00
76) Chrysene-d12	14.01	240	891668	20.00	ng	0.00
87) Perylene-d12	15.48	264	892314	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1539610	94.04	ng	0.01
7) Phenol-d6	6.46	99	1920201	91.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	1204248	66.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	594100	108.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2330837	65.18	ng	0.00
79) Terphenyl-d14	12.96	244	2886483	63.42	ng	0.00

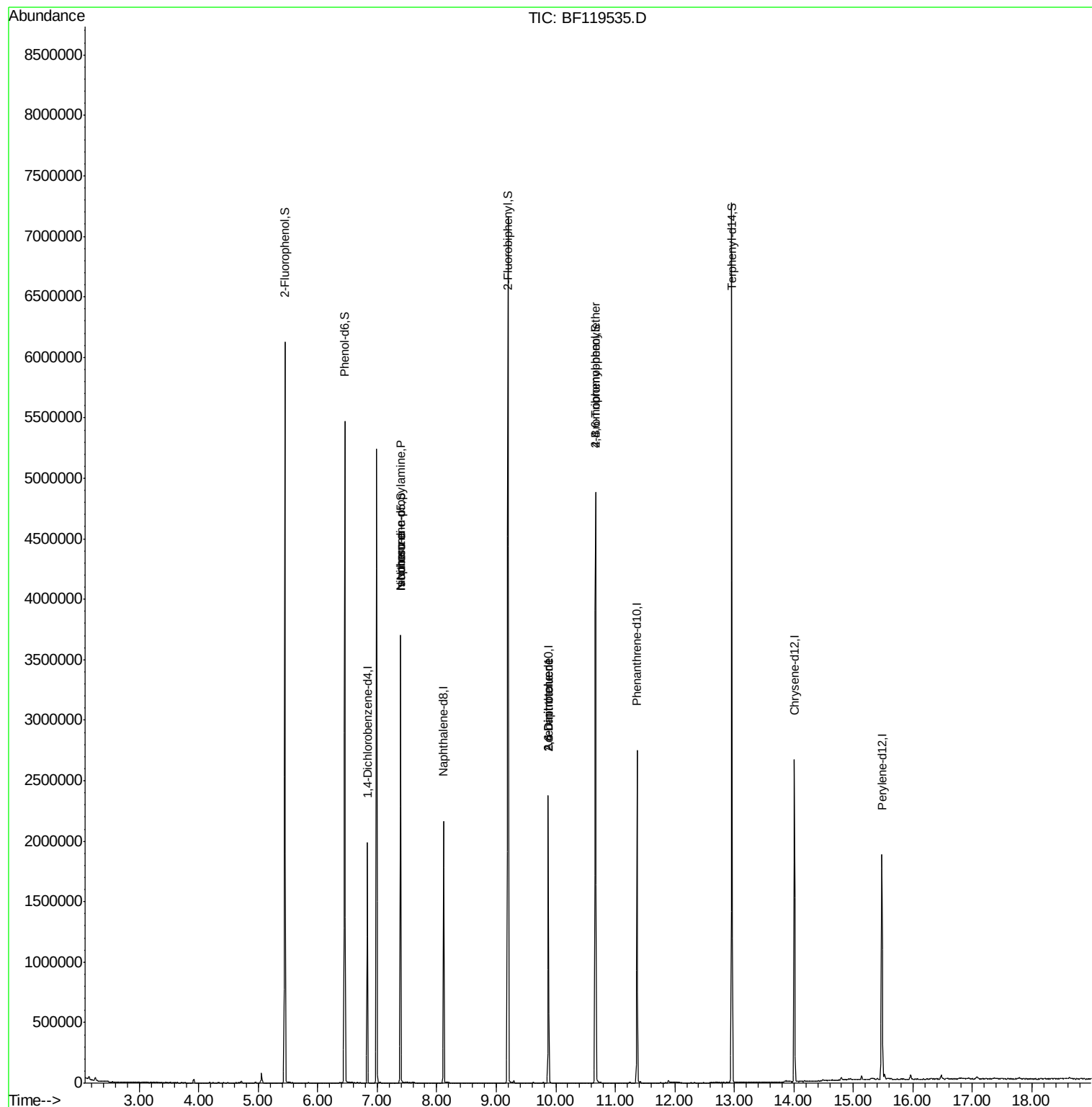
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	157515	12.496	ng	# 72
25) Isophorone	7.39	82	1196320	32.740	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	67692	8.392	ng	# 18
57) 2,4-Dinitrotoluene	9.87	165	67692	6.662	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	35493	2.931	ng	# 1

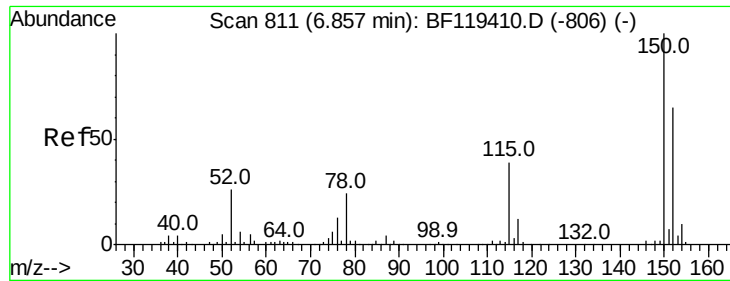
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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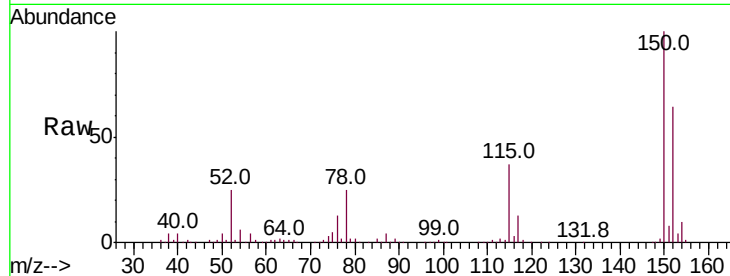


#1

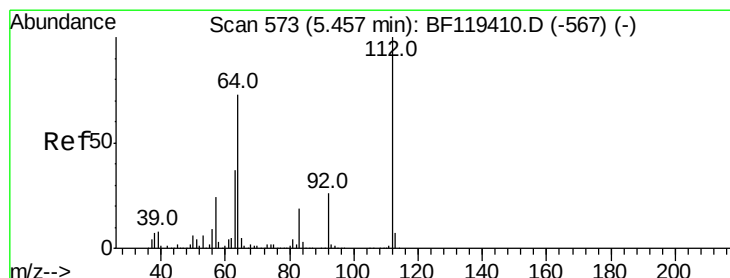
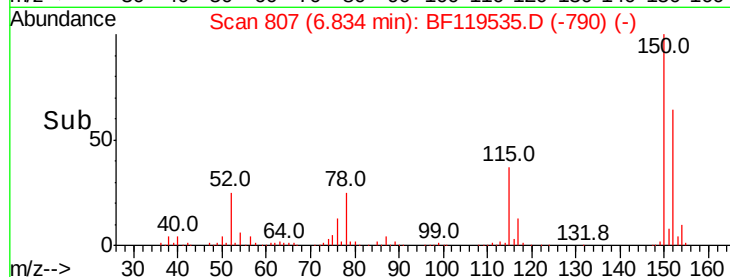
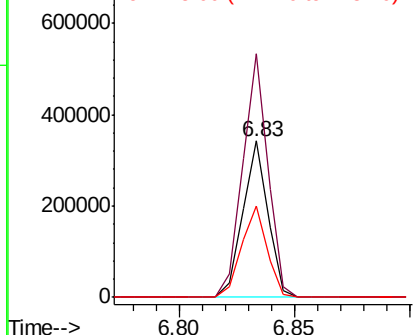
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PB127833BL

Tot Ion:152 Resp: 260612
Ion Ratio Lower Upper
152 100
150 156.0 123.9 185.9
115 58.4 47.8 71.6



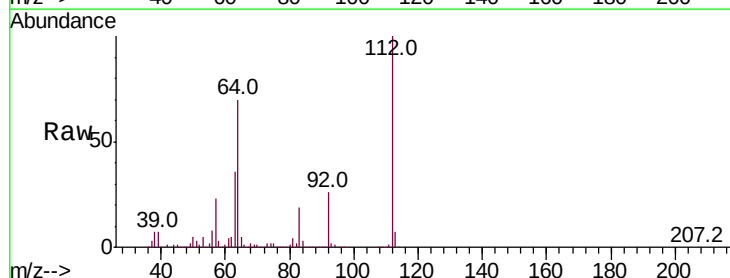
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



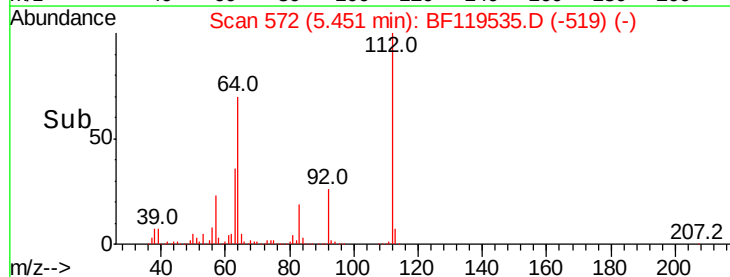
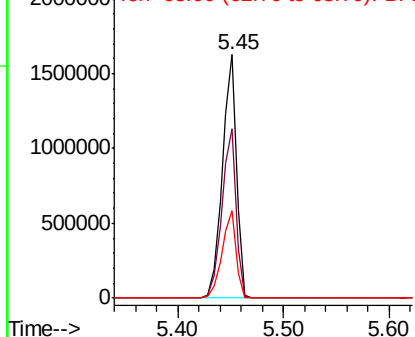
#5

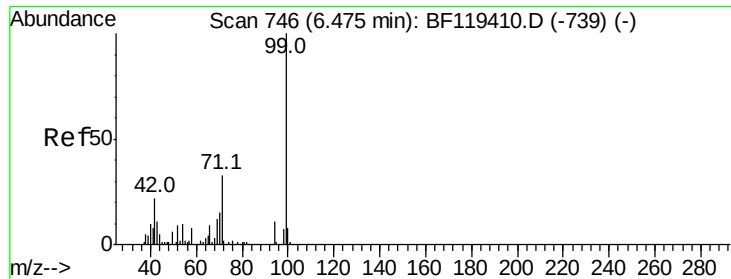
2-Fluorophenol
Concen: 94.045 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:112 Resp: 1539610
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 36.0 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: 91.819 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

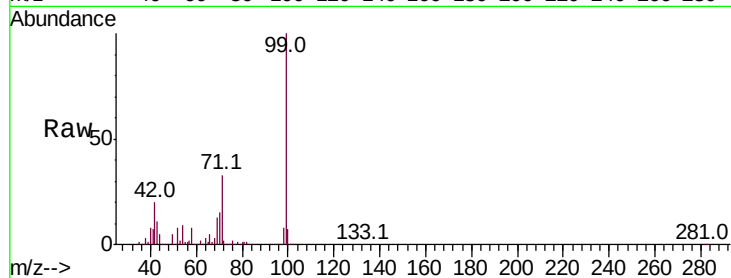
Tot Ion: 99 Resp: 1920201

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

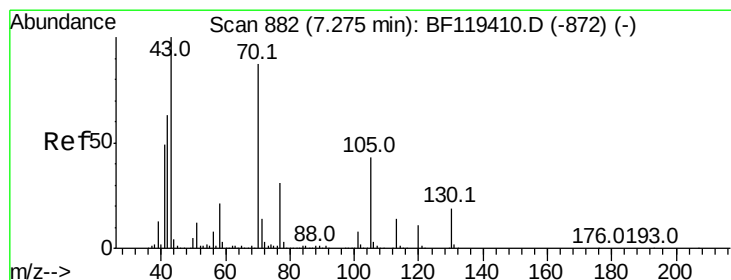
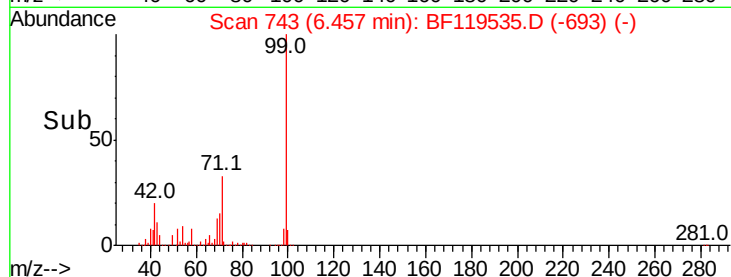
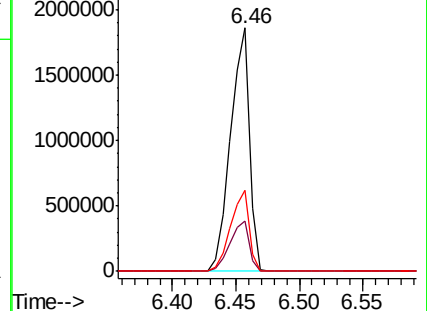
71 33.4 26.0 39.0



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: 12.496 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Tgt Ion: 70 Resp: 157515

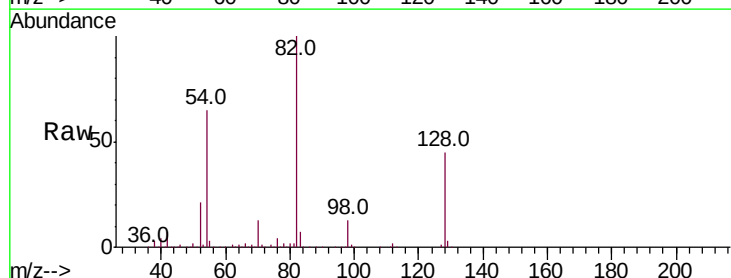
Ion Ratio Lower Upper

70 100

42 53.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.8#

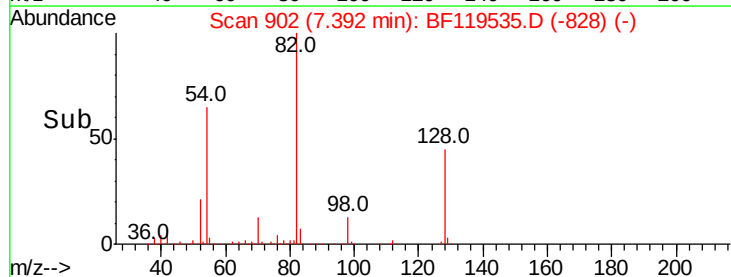
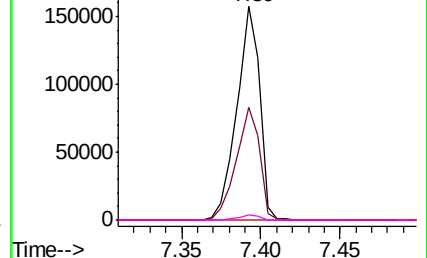


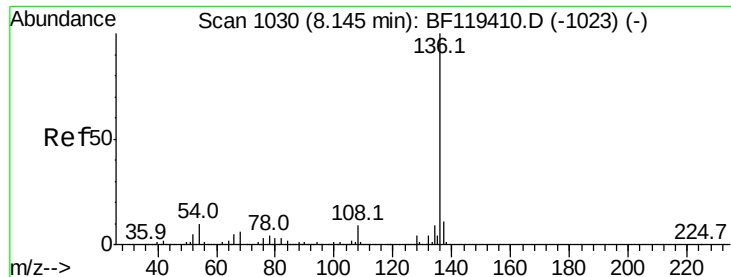
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

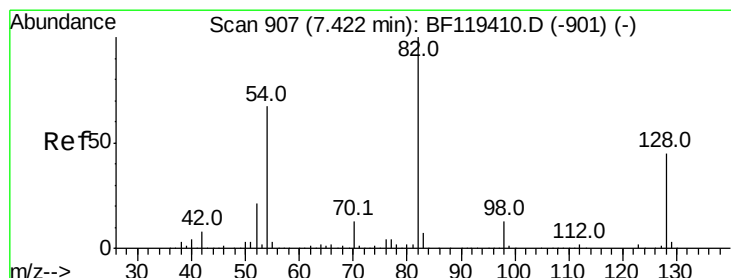
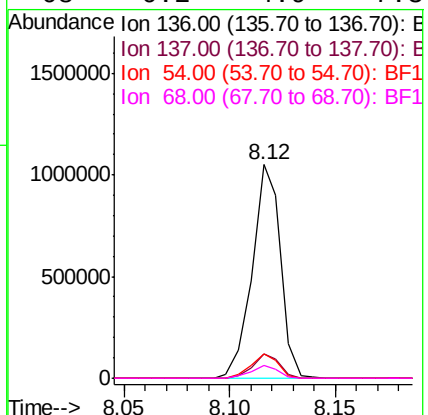
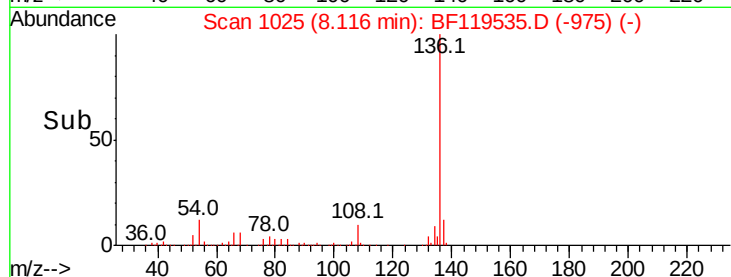
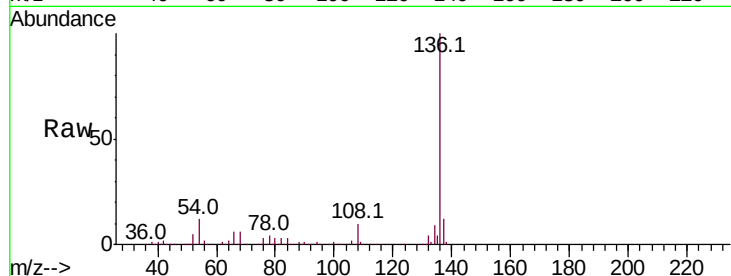




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

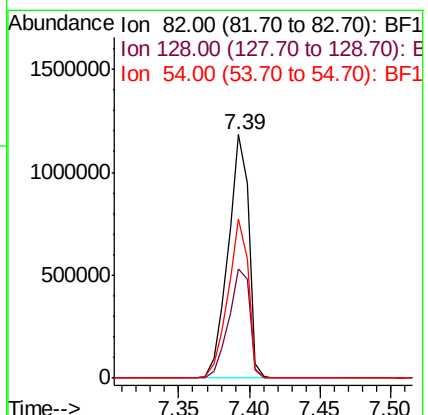
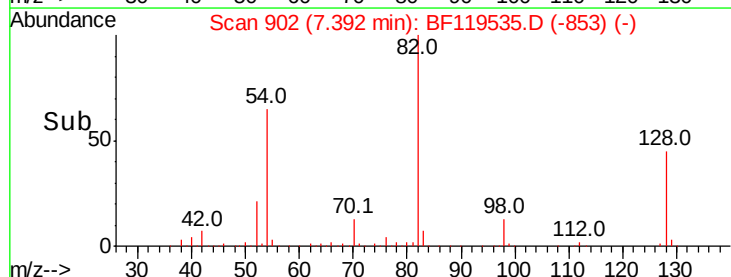
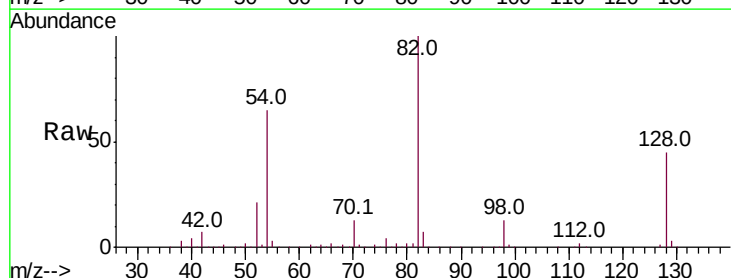
Instrument :
BNA_F
ClientSampleId :
PB127833BL

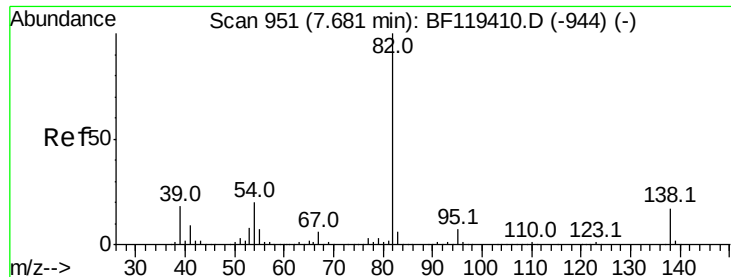
Tot Ion:	136	Resp:	978979
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	11.6	8.3	12.5
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 66.854 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:	82	Resp:	1204248
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.8	53.8
54	65.5	53.4	80.0





#25

Isophorone

Concen: 32.740 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

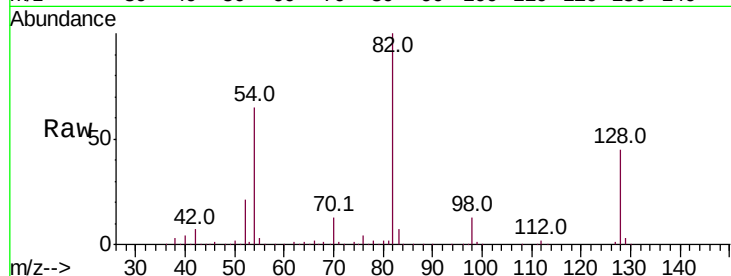
Tot Ion: 82 Resp: 1196320

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

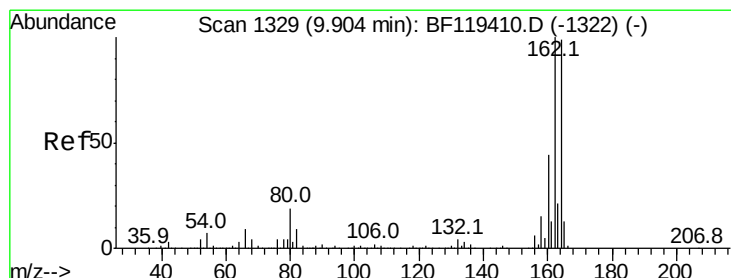
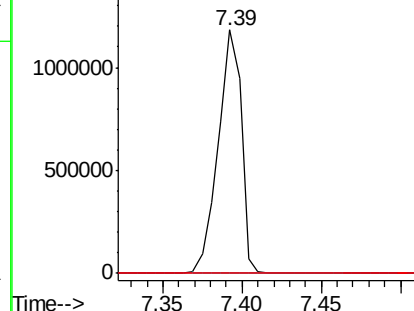
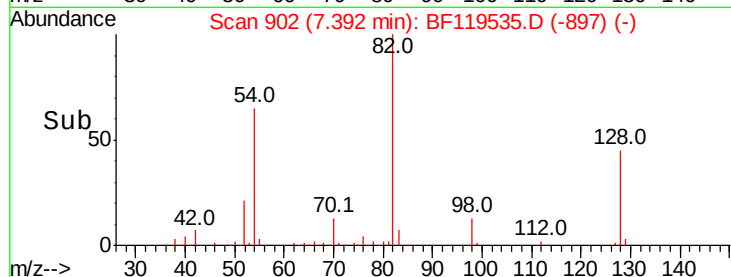
138 0.0 13.8 20.8#



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. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

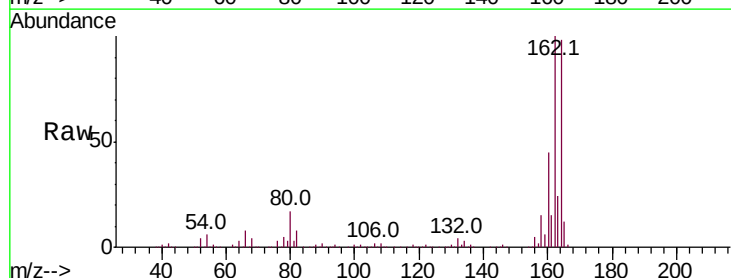
Tgt Ion:164 Resp: 529776

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

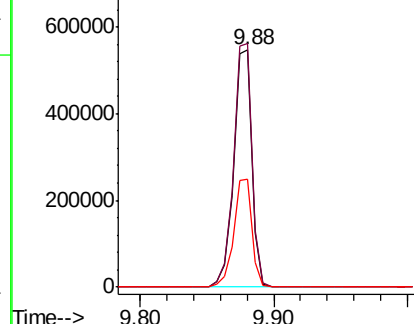
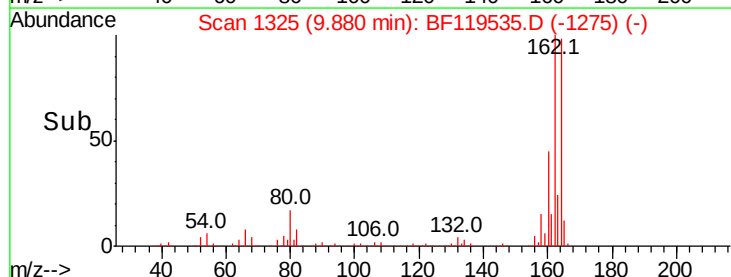
160 45.6 35.5 53.3

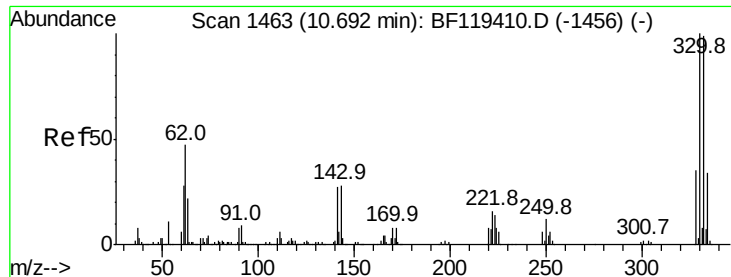


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

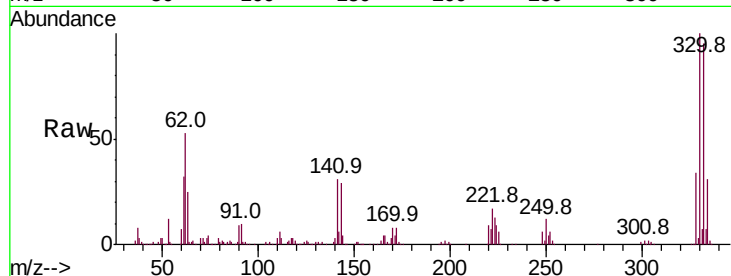




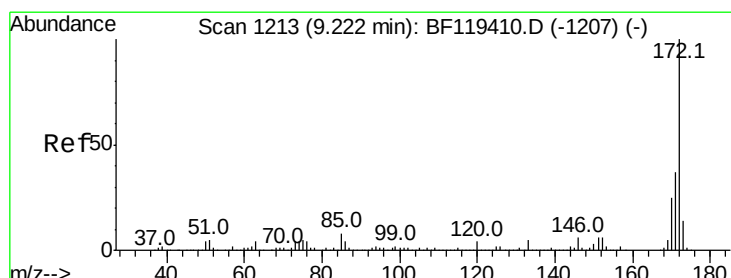
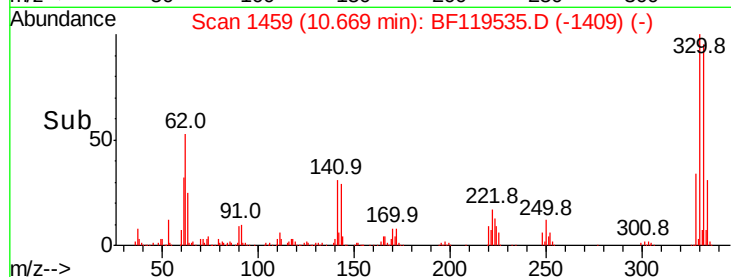
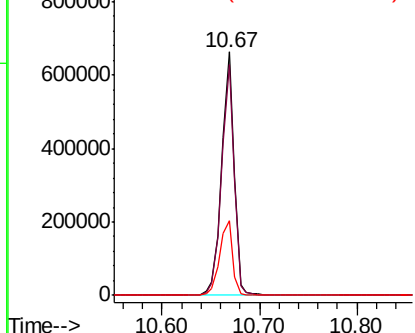
#42
 2,4,6-Tribromophenol
 Concen: 108.700 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119535.D
 Acq: 26 Mar 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.6	116.4
141	31.6	26.6	40.0

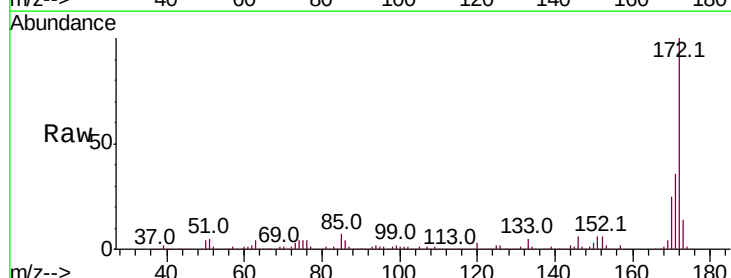


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

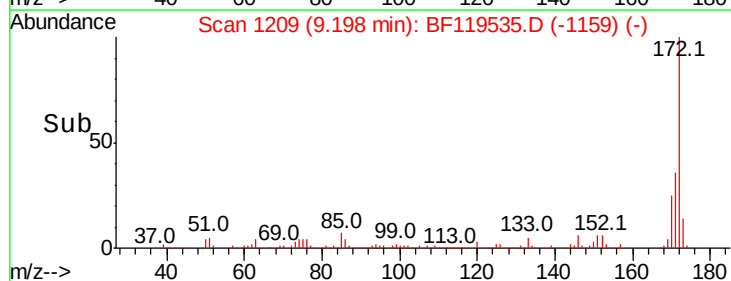
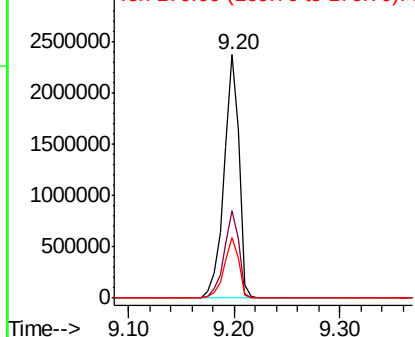


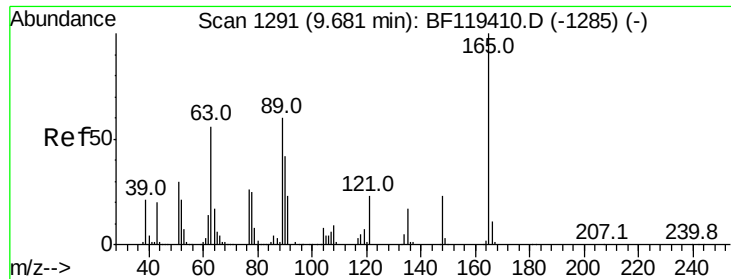
#45
 2-Fluorobiphenyl
 Concen: 65.180 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119535.D
 Acq: 26 Mar 2020 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.8	20.1	30.1



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

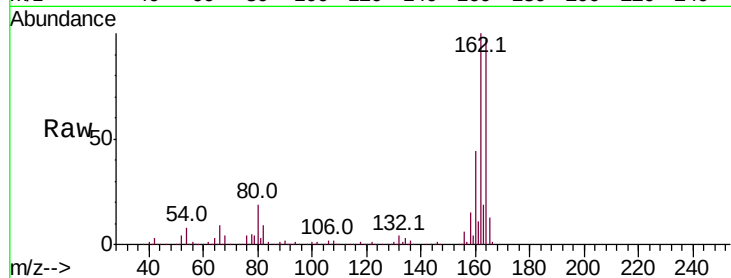




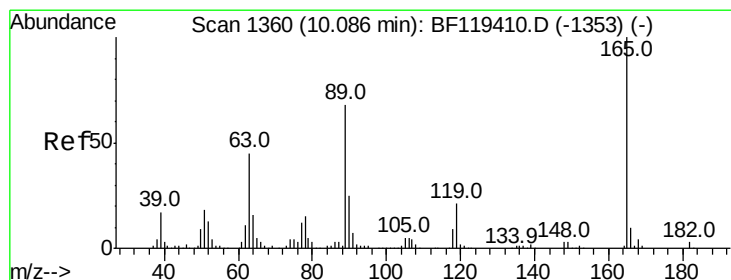
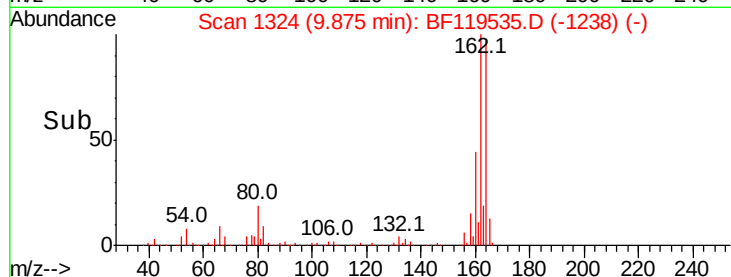
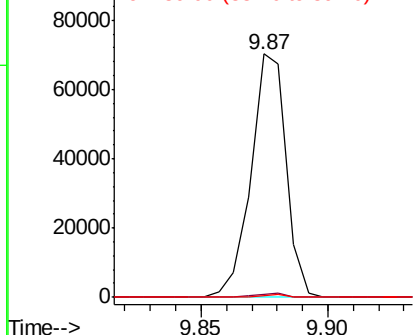
#51
2,6-Dinitrotoluene
Concen: 8.392 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PB127833BL

Tot Ion:165 Resp: 67692
Ion Ratio Lower Upper
165 100
63 1.3 57.3 85.9#
89 0.7 47.8 71.8#

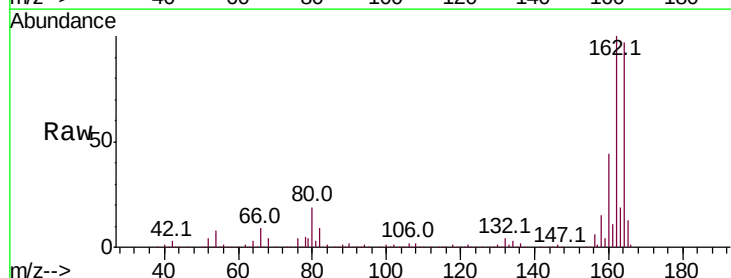


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

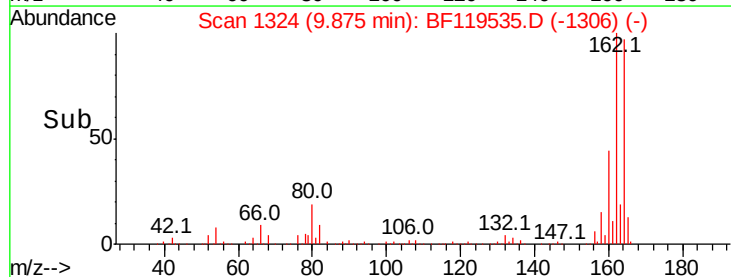
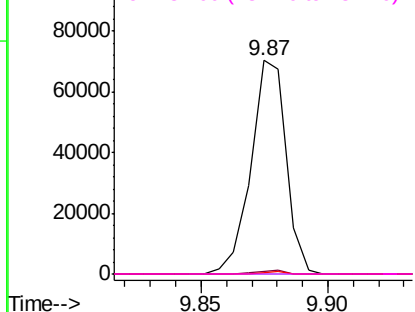


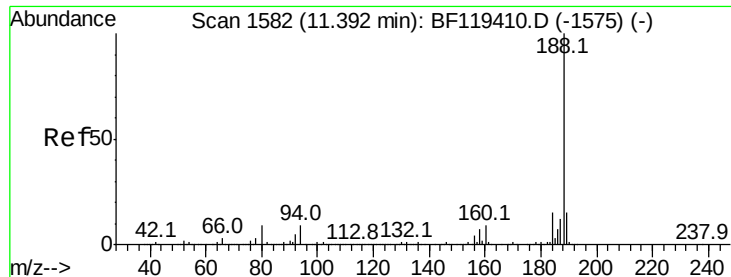
#57
2,4-Dinitrotoluene
Concen: 6.662 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:165 Resp: 67692
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 0.7 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

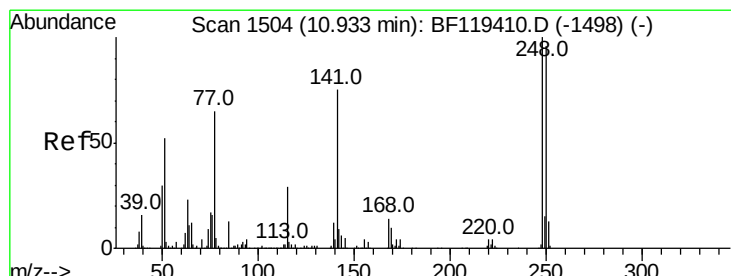
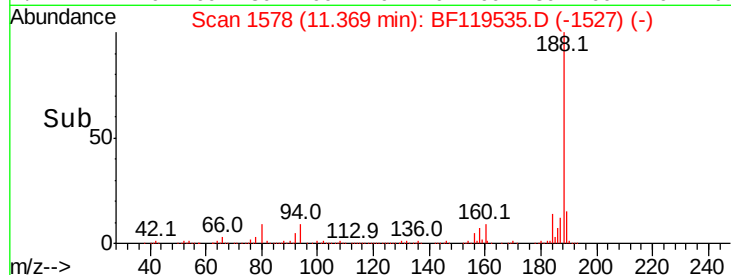
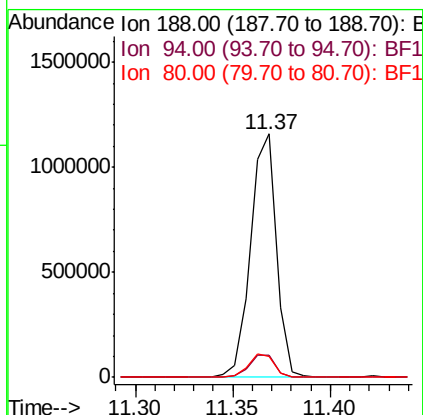
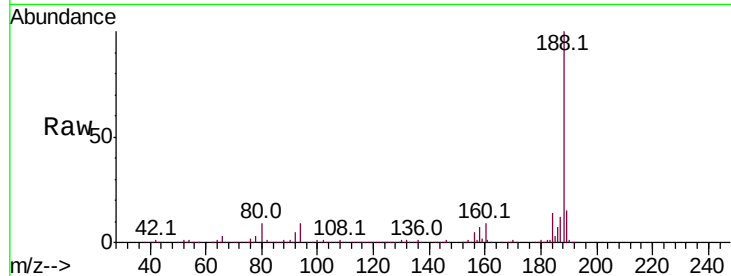




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

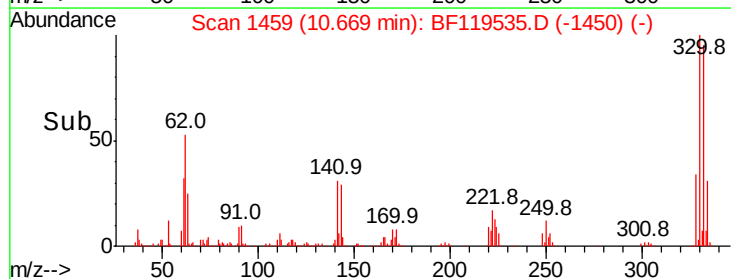
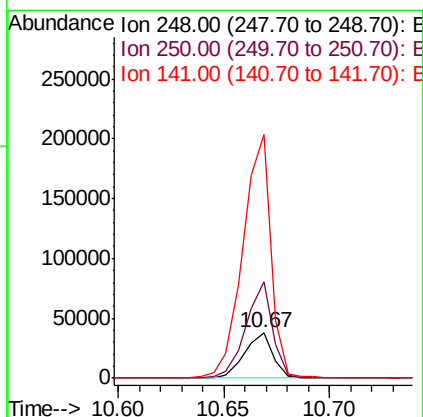
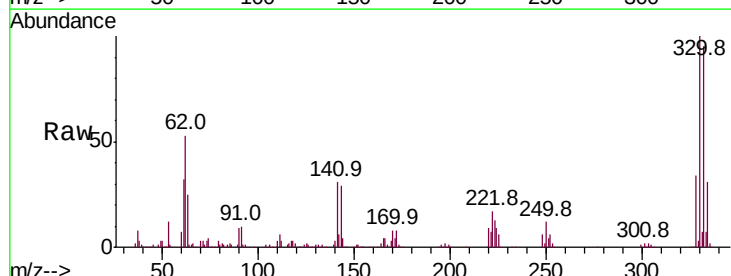
Instrument :
BNA_F
ClientSampleId :
PB127833BL

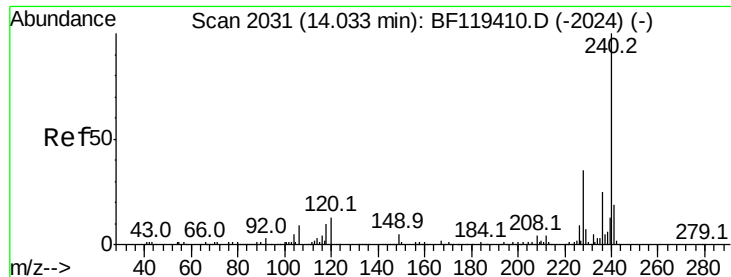
Tot Ion:188 Resp: 1063156
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.931 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:248 Resp: 35493
Ion Ratio Lower Upper
248 100
250 210.8 77.0 115.6#
141 531.8 59.7 89.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

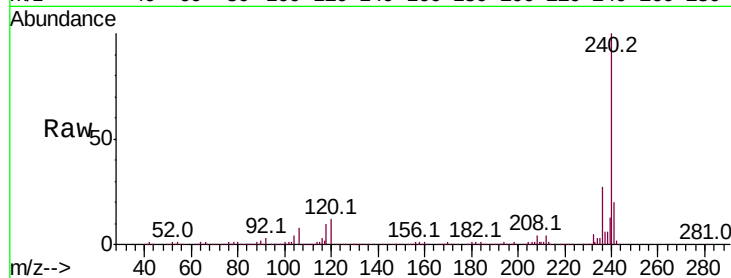
Tot Ion:240 Resp: 891668

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

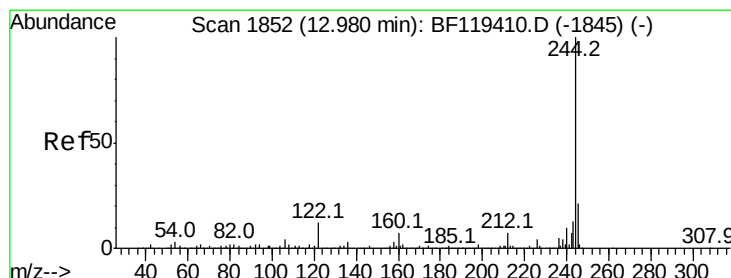
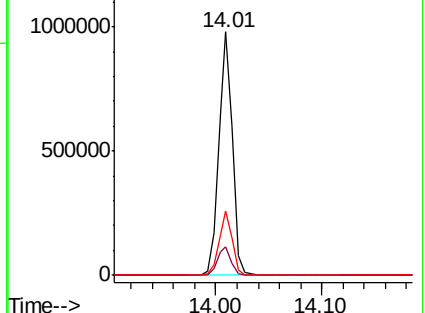
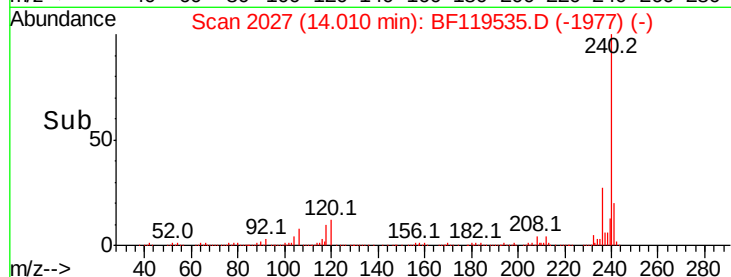
236 26.6 20.4 30.6



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: 63.423 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

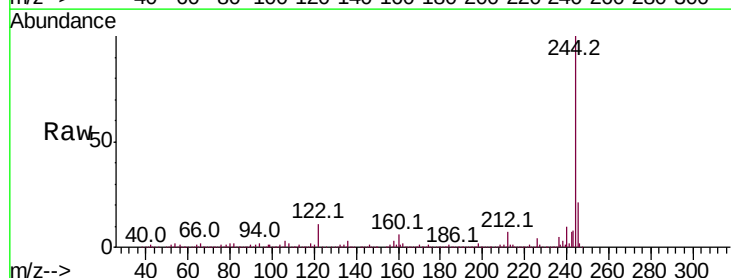
Tgt Ion:244 Resp: 2886483

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

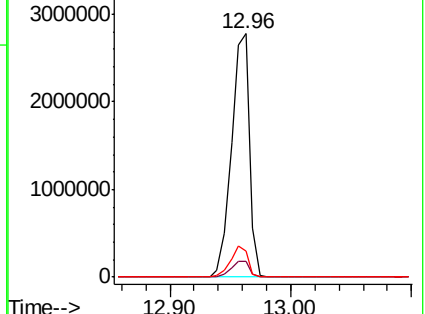
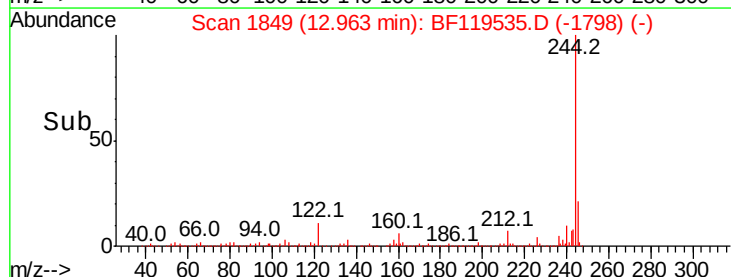
122 10.8 9.8 14.8

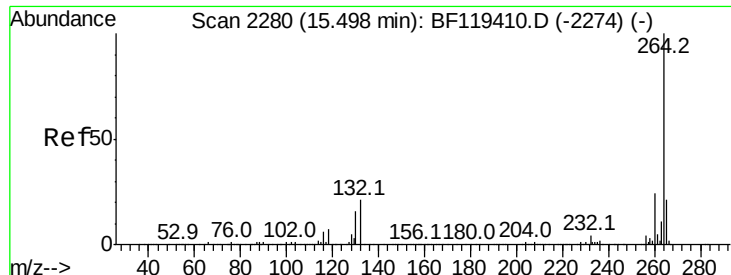


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

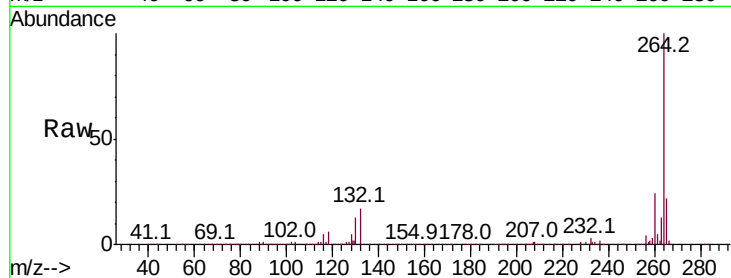




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PB127833BL

Tot Ion:	264	Resp:	892314
Ion Ratio	Lower	Upper	
264	100		
260	24.2	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

