

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF032620\
 Data File : BF119536.D
 Acq On : 26 Mar 2020 18:23
 Operator : CG/JU
 Sample : PB127833TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127833TB

Quant Time: Mar 26 19:02:04 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

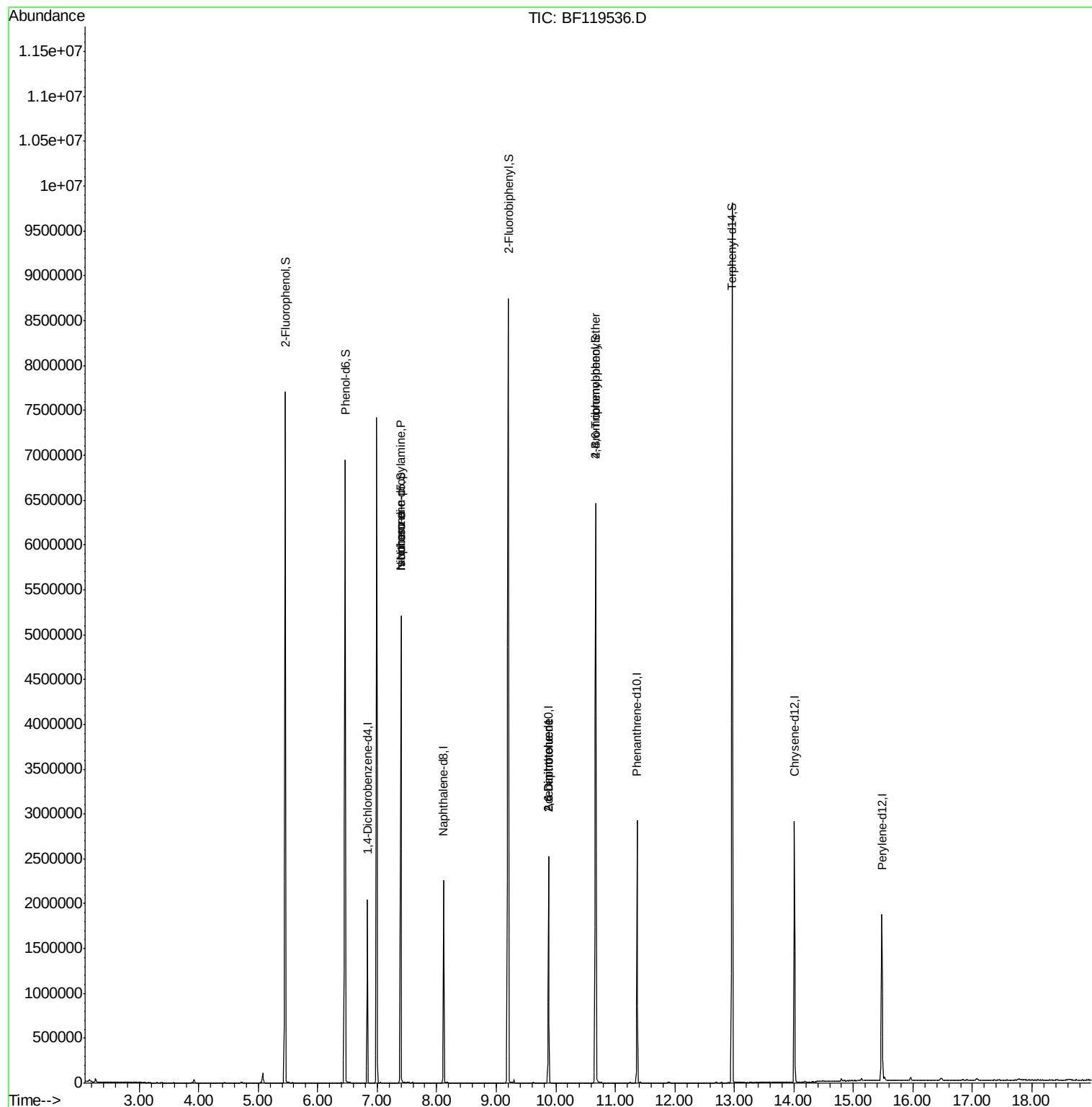
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267541	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1030412	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	550422	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1109538	20.00	ng	0.00
76) Chrysene-d12	14.01	240	912689	20.00	ng	0.00
87) Perylene-d12	15.48	264	886117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2210705	131.54	ng	0.02
7) Phenol-d6	6.46	99	2782288	129.60	ng	0.00
23) Nitrobenzene-d5	7.40	82	1733703	91.44	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	845811	148.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3204238	86.24	ng	0.00
79) Terphenyl-d14	12.96	244	3953269	84.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	231619	17.899	ng	# 72
25) Isophorone	7.40	82	1725496	44.865	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	72526	8.655	ng	# 19
57) 2,4-Dinitrotoluene	9.87	165	72526	6.870	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	52530	4.157	ng	# 1

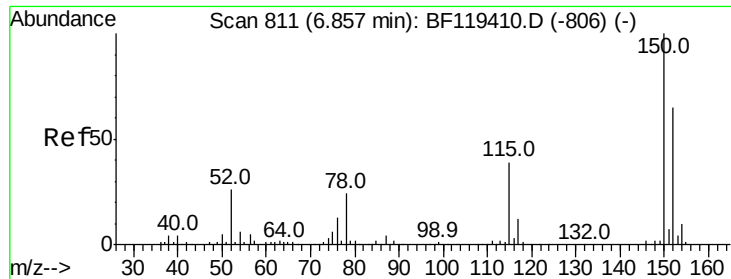
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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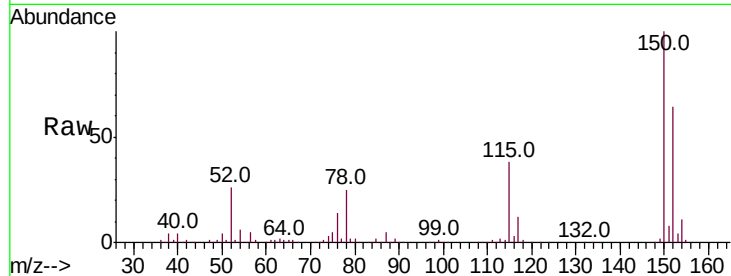


#1

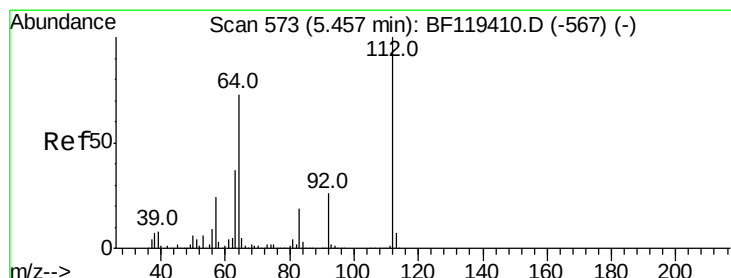
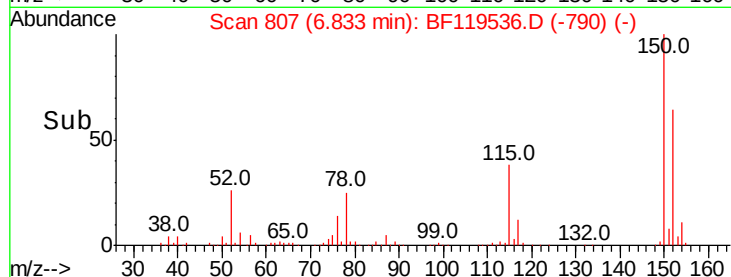
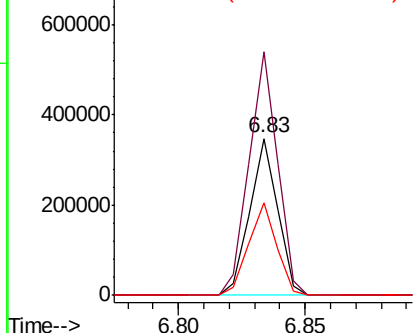
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
PB127833TB

Tot Ion:152 Resp: 267541
Ion Ratio Lower Upper
152 100
150 155.3 123.9 185.9
115 58.7 47.8 71.6



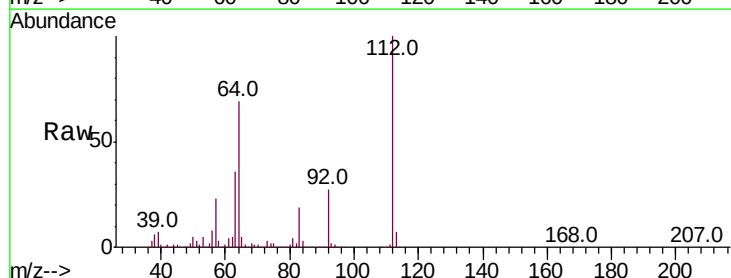
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



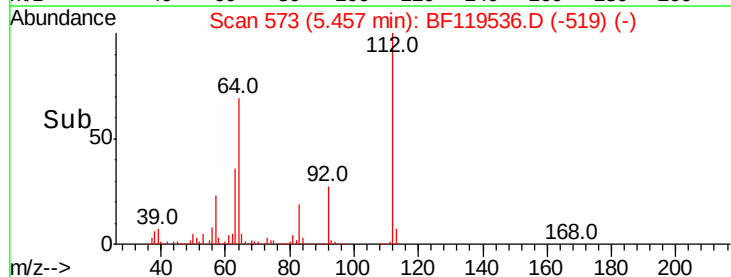
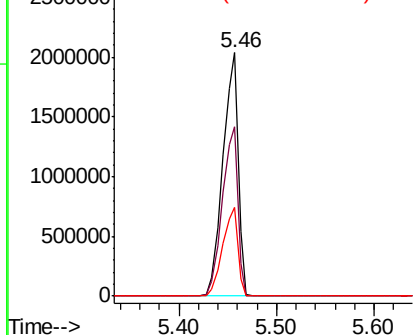
#5

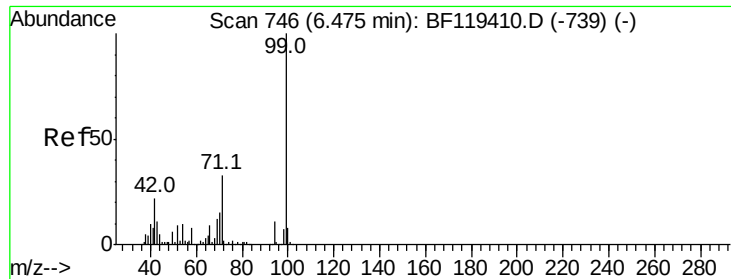
2-Fluorophenol
Concen: 131.540 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Tgt Ion:112 Resp: 2210705
Ion Ratio Lower Upper
112 100
64 69.3 58.1 87.1
63 36.4 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: 129.596 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

PB127833TB

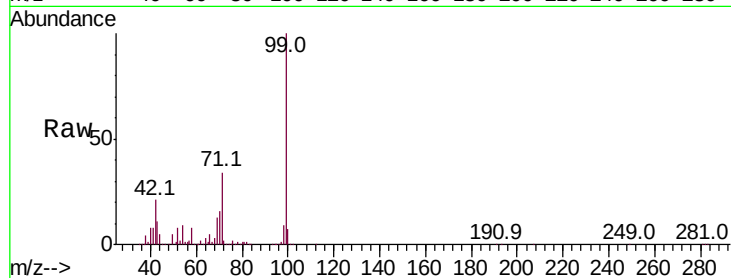
Tot Ion: 99 Resp: 2782288

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

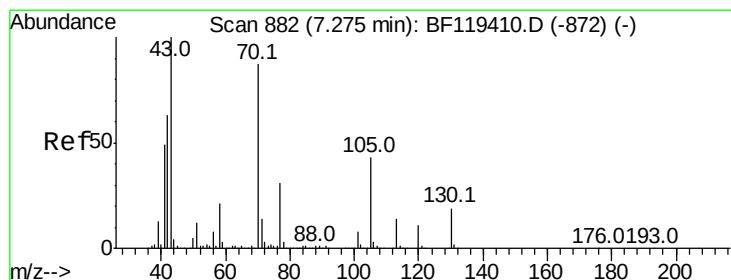
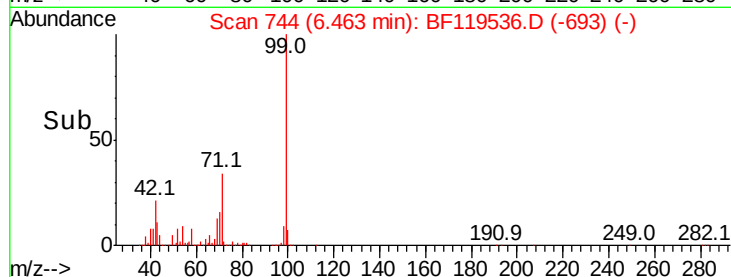
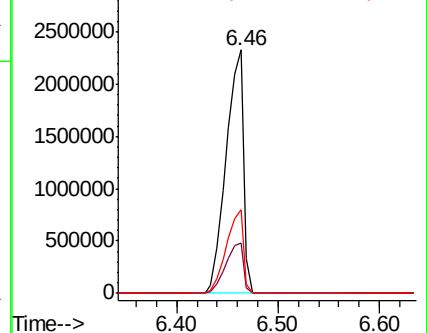
71 34.2 26.0 39.0



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: 17.899 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Tgt Ion: 70 Resp: 231619

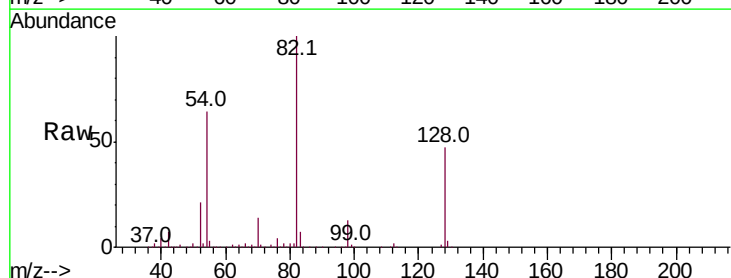
Ion Ratio Lower Upper

70 100

42 52.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#

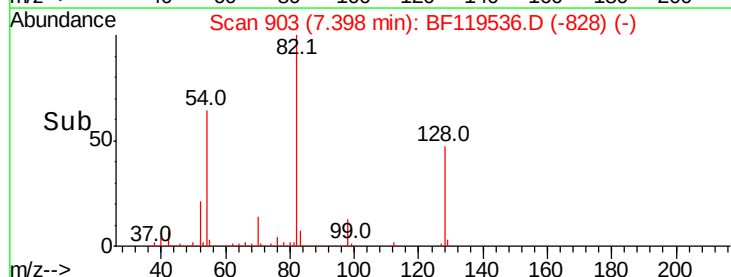
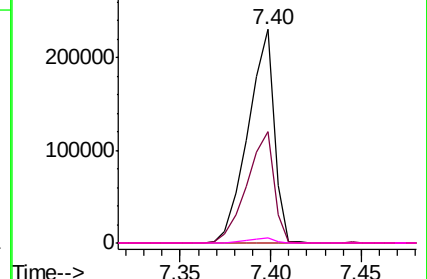


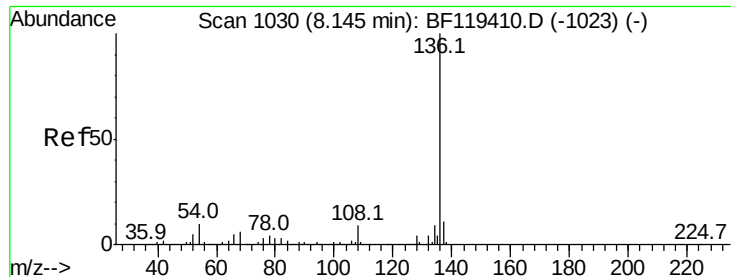
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



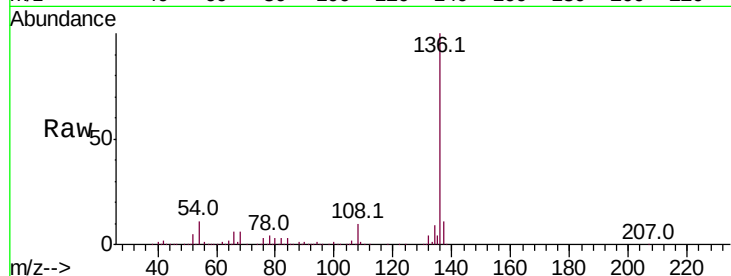


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

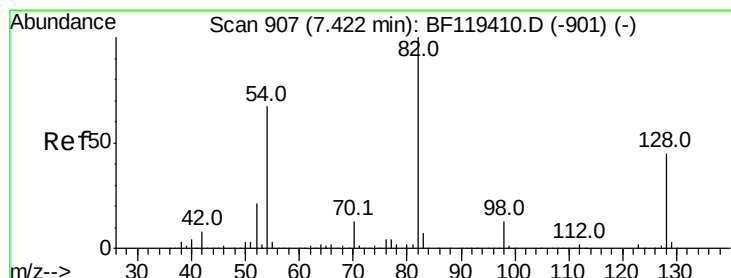
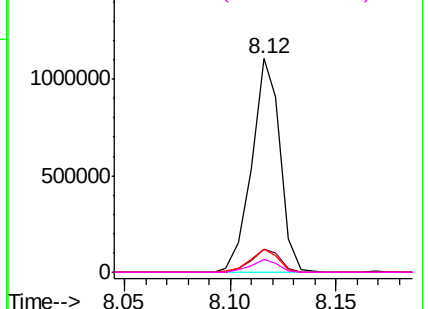
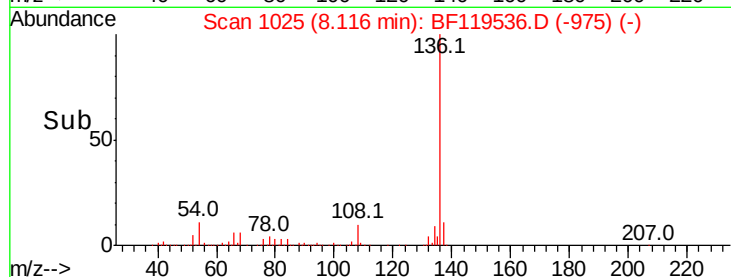
Instrument :
BNA_F
ClientSampleId :
PB127833TB

Tot Ion:136 Resp: 1030412

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	8.3	12.5
68	6.1	4.9	7.3



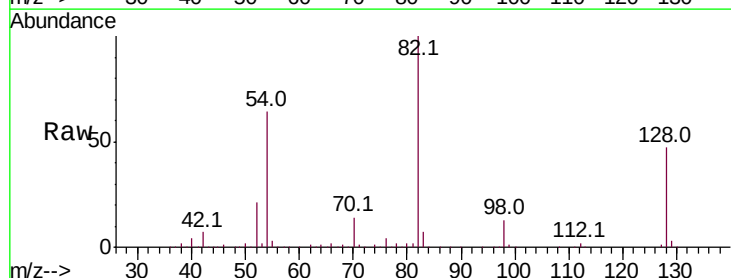
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



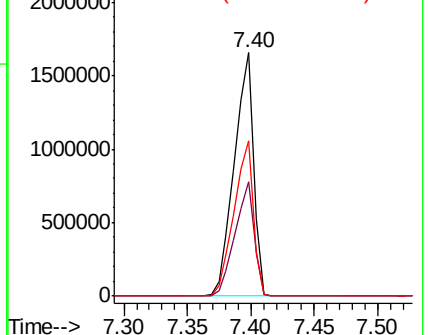
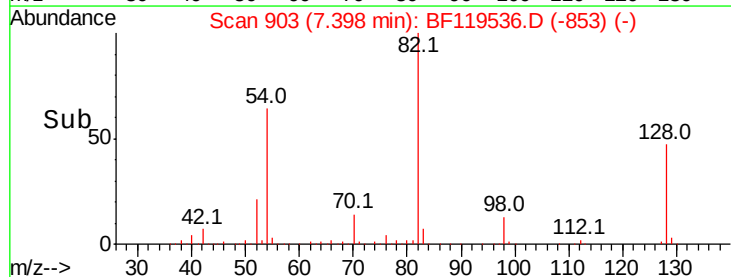
#23
Nitrobenzene-d5
Concen: 91.442 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

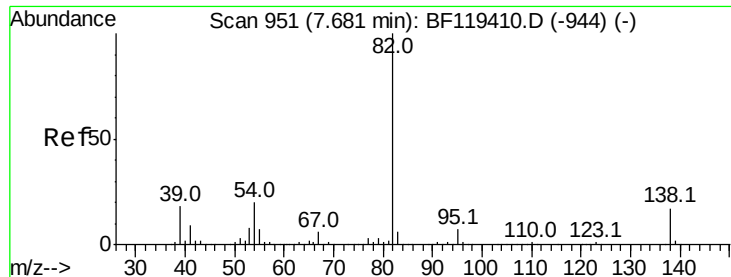
Tgt Ion: 82 Resp: 1733703

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.8	53.8
54	64.0	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: 44.865 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

PB127833TB

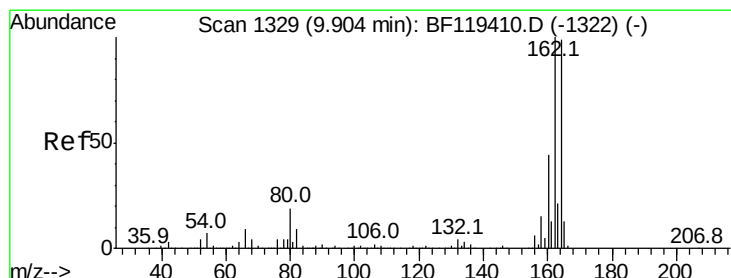
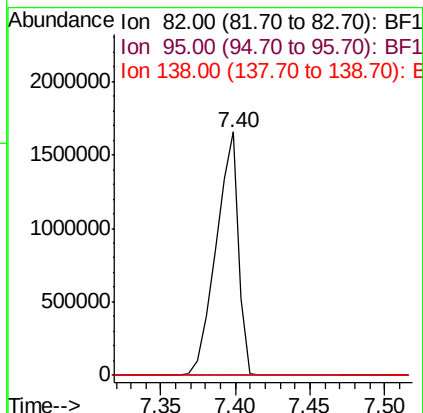
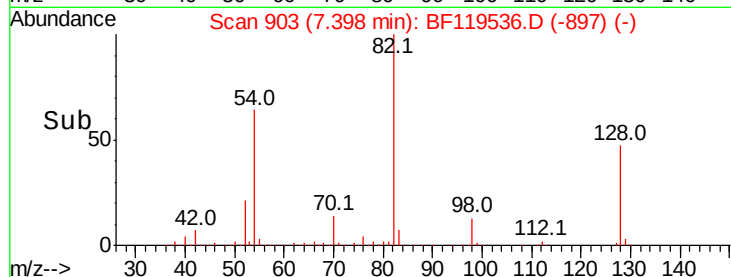
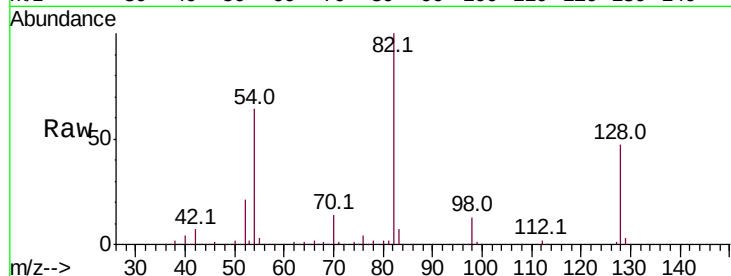
Tot Ion: 82 Resp: 1725496

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

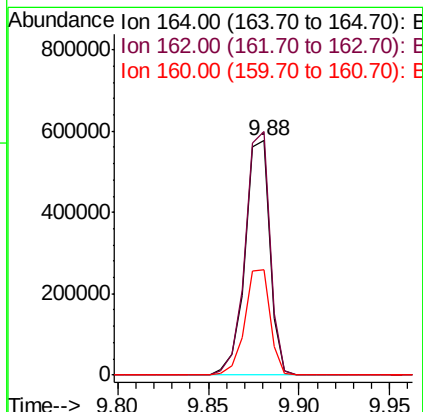
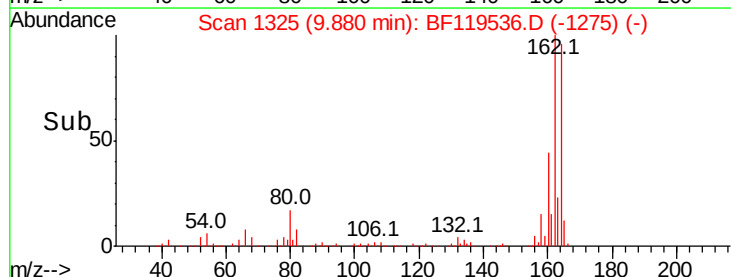
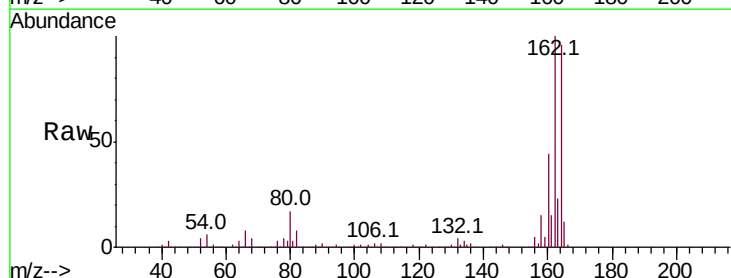
Tgt Ion:164 Resp: 550422

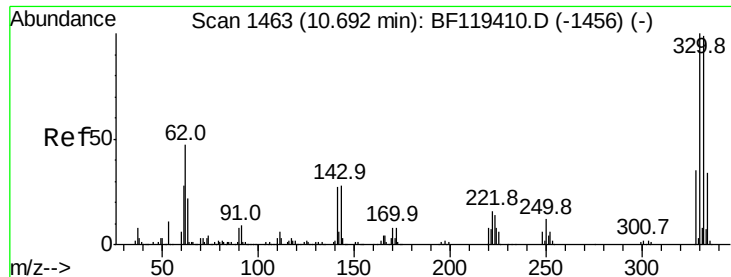
Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

160 45.2 35.5 53.3

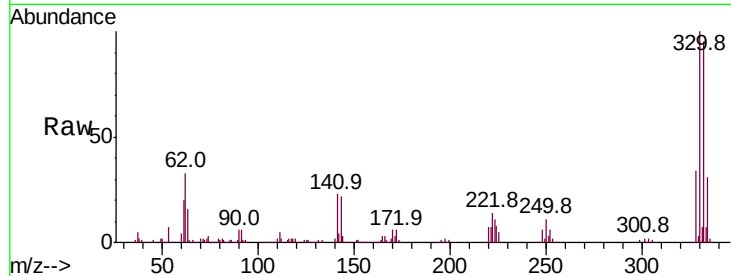




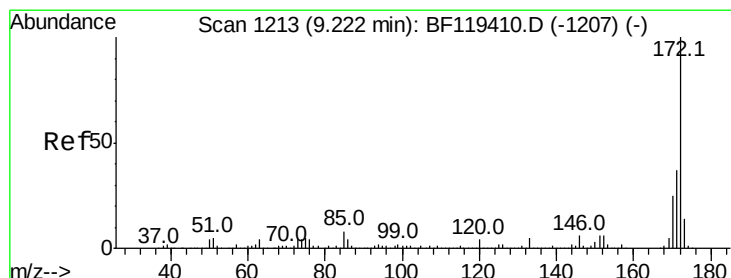
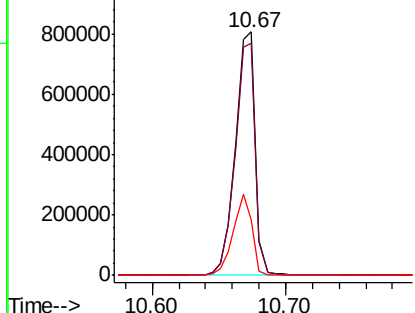
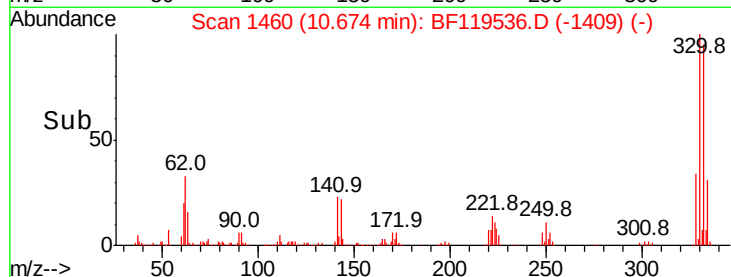
#42
 2,4,6-Tribromophenol
 Concen: 148.949 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB127833TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	31.9	26.6	40.0

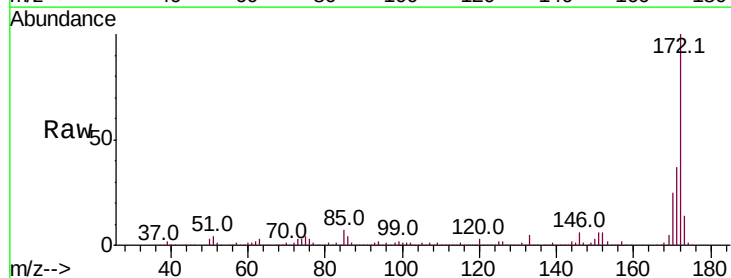


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

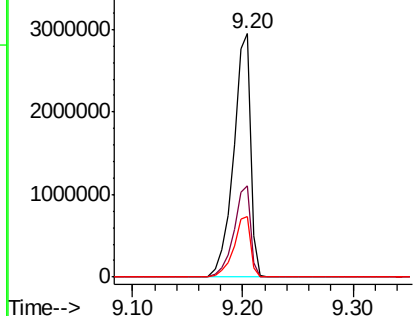
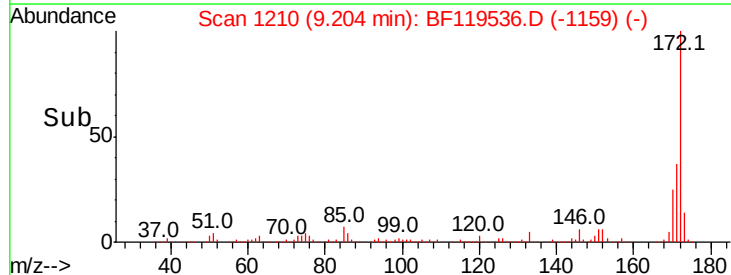


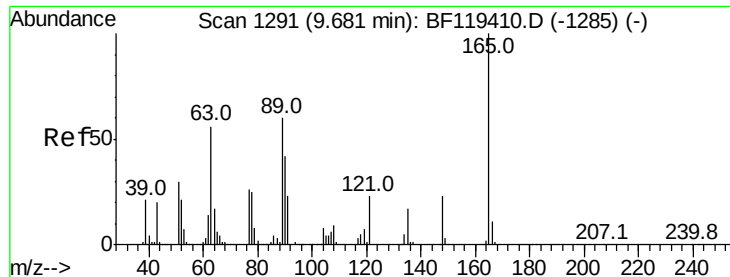
#45
 2-Fluorobiphenyl
 Concen: 86.243 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	25.1	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

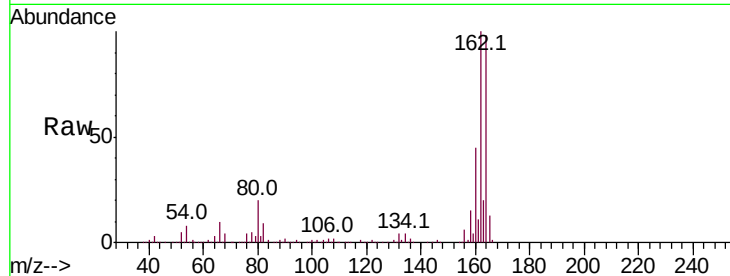




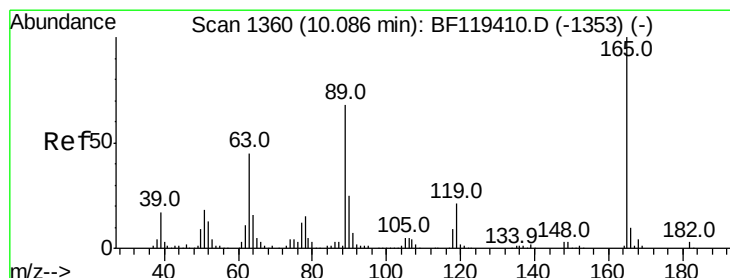
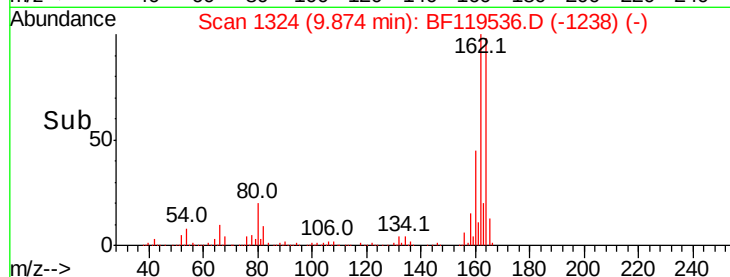
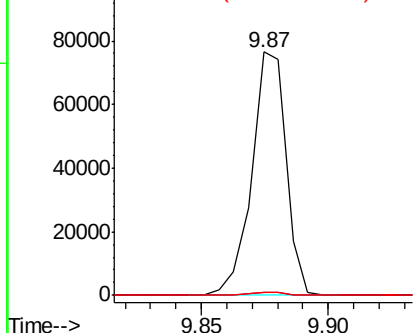
#51
 2,6-Dinitrotoluene
 Concen: 8.655 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB127833TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	57.3	85.9#
89	1.1	47.8	71.8#



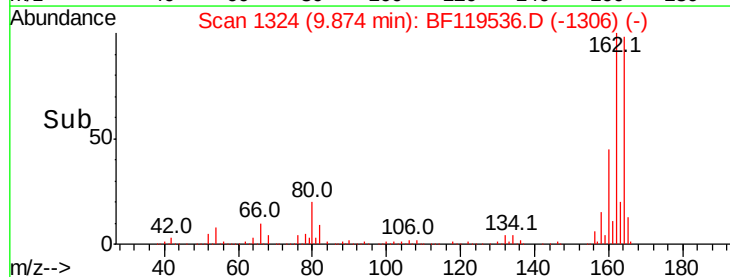
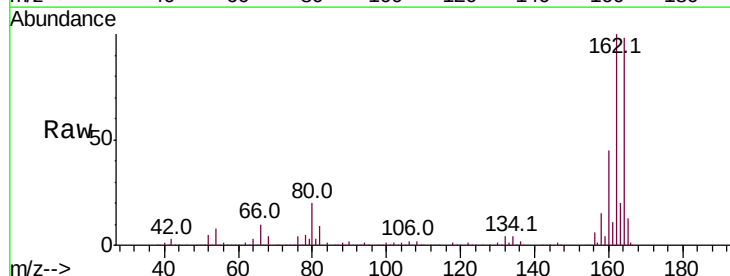
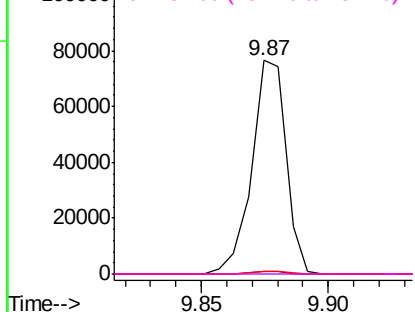
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

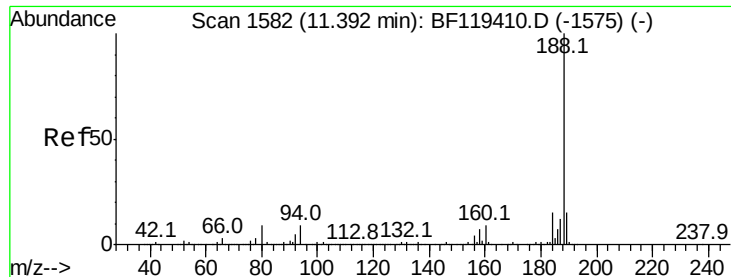


#57
 2,4-Dinitrotoluene
 Concen: 6.870 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.1	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: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

PB127833TB

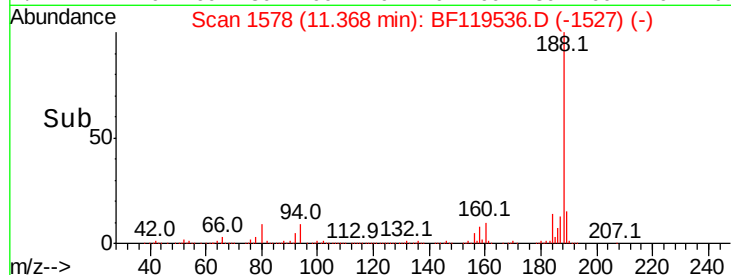
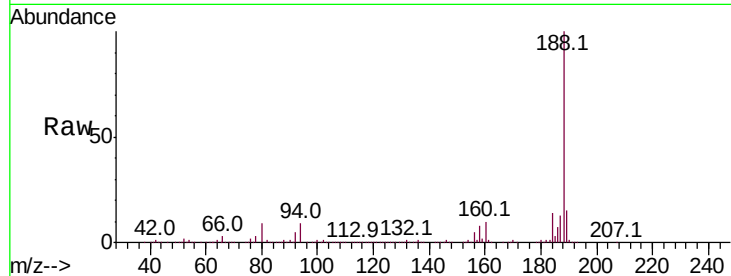
Tot Ion:188 Resp: 1109538

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

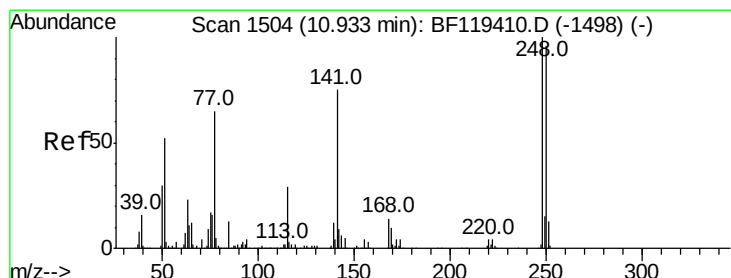
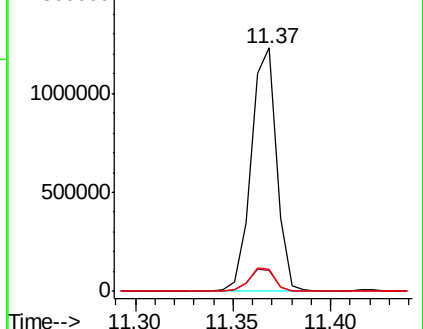
80 9.0 7.5 11.3



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: 4.157 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

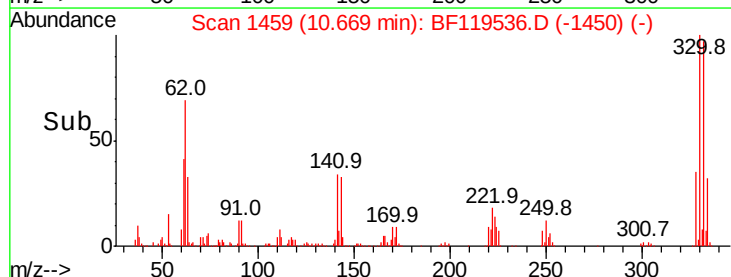
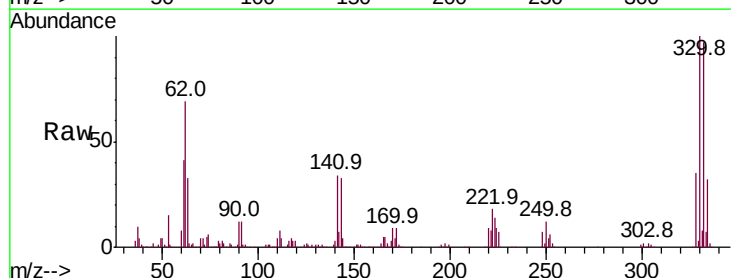
Tgt Ion:248 Resp: 52530

Ion Ratio Lower Upper

248 100

250 179.2 77.0 115.6#

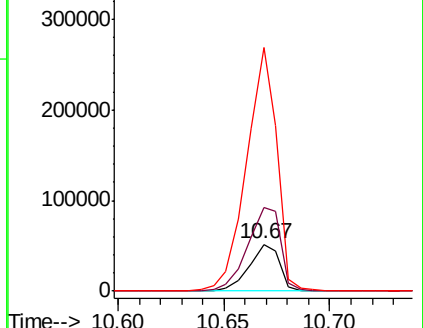
141 519.5 59.7 89.5#

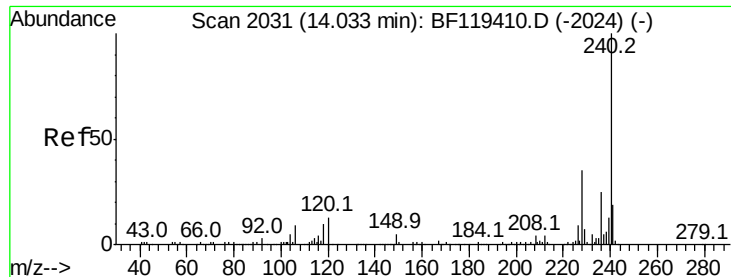


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampled :

PB127833TB

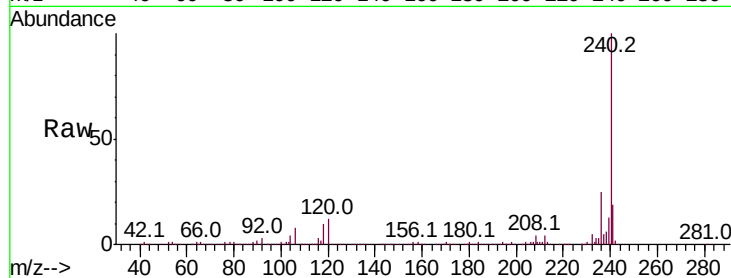
Tot Ion:240 Resp: 912689

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.4

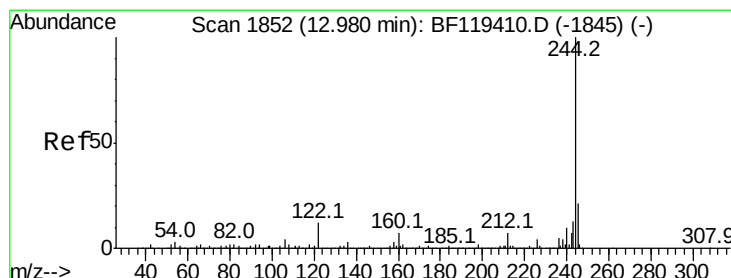
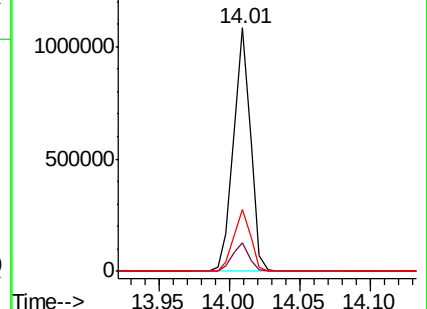
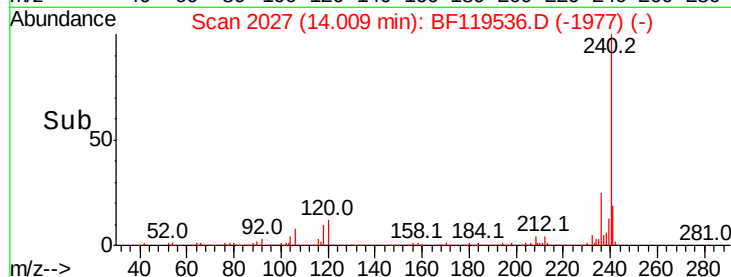
236 25.4 20.4 30.6



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: 84.862 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

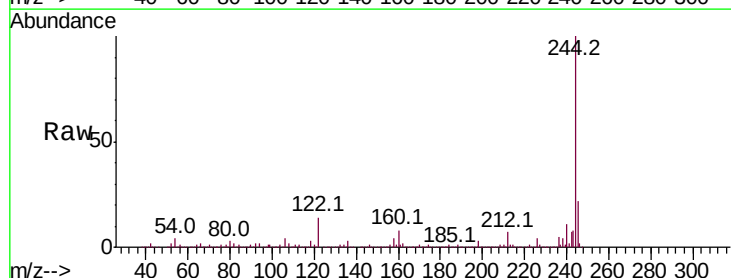
Tgt Ion:244 Resp: 3953269

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

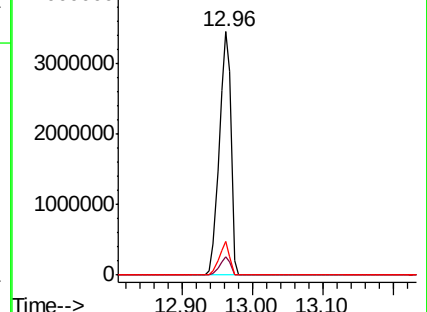
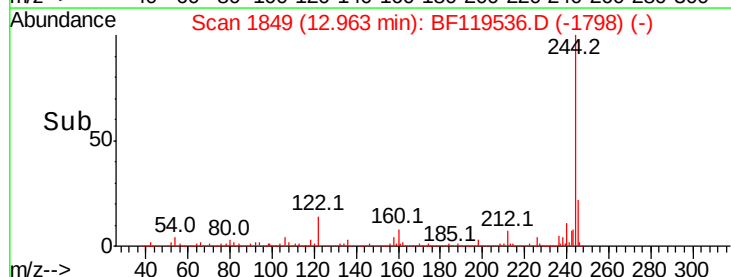
122 13.7 9.8 14.8

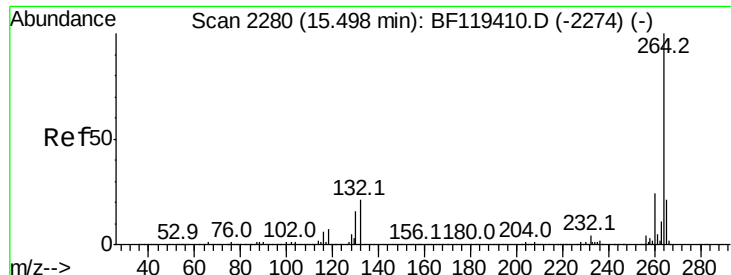


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

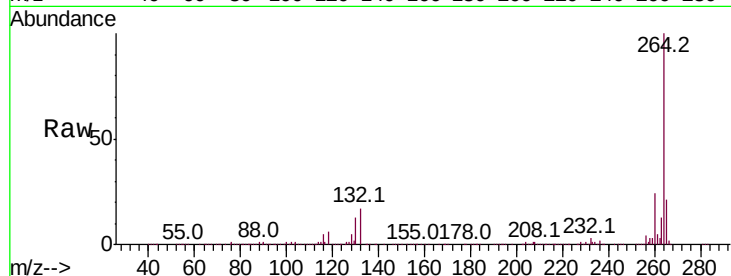




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
PB127833TB

Tot Ion:	264	Resp:	886117
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.2	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

