

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042220\
 Data File : BF120136.D
 Acq On : 22 Apr 2020 17:32
 Operator : MA/SJ
 Sample : L2356-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

Quant Time: Apr 22 18:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

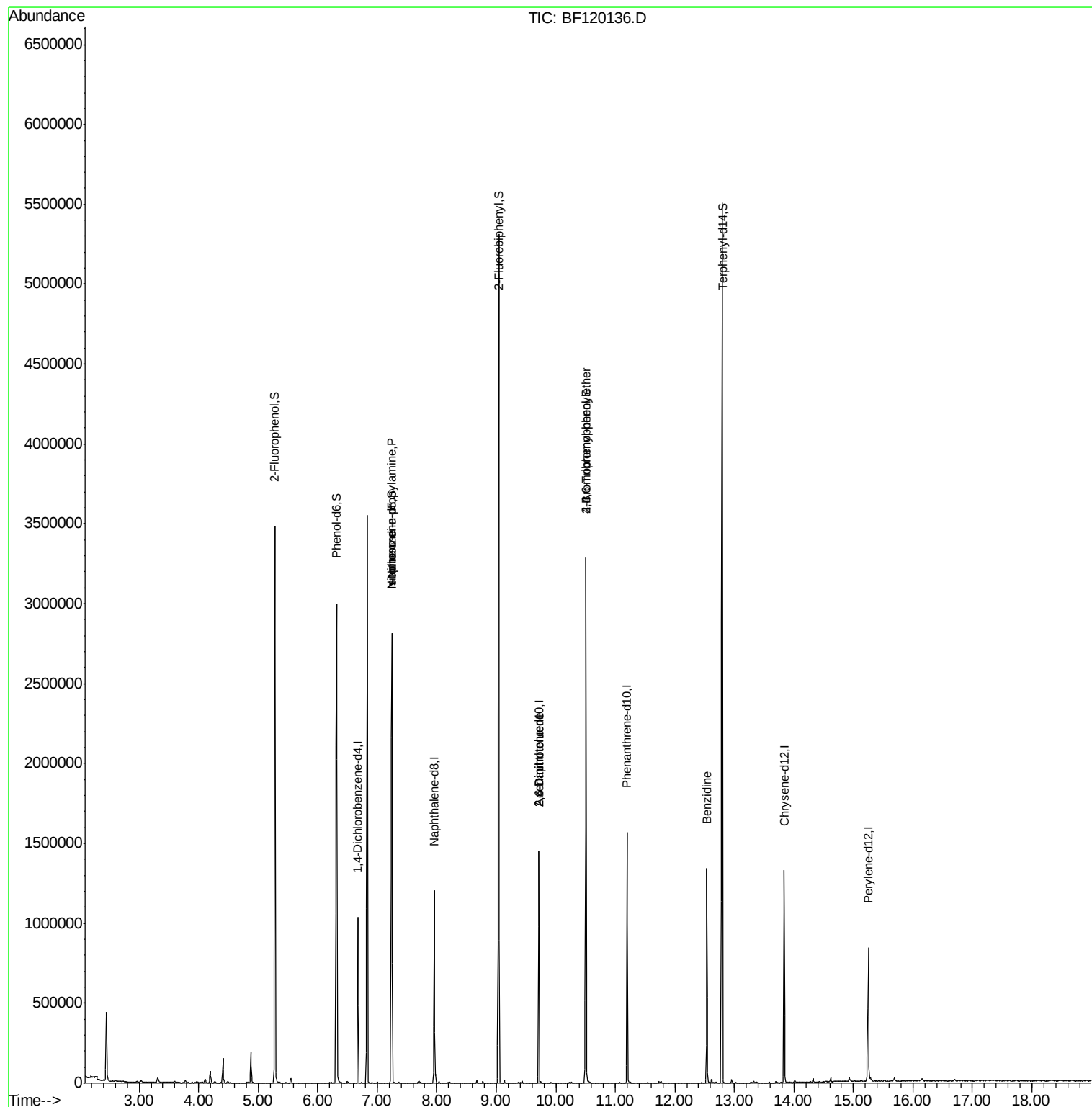
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	138681	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	532910	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271834	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	525476	20.00	ng	0.00
76) Chrysene-d12	13.84	240	426504	20.00	ng	-0.01
87) Perylene-d12	15.25	264	363740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	941322	117.30	ng	0.00
7) Phenol-d6	6.32	99	1075638	104.03	ng	-0.01
23) Nitrobenzene-d5	7.25	82	890502	86.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	406789	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1708453	89.23	ng	0.00
79) Terphenyl-d14	12.80	244	2092623	82.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	617	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	117362	17.650	ng	# 12
25) Isophorone	7.25	82	889460	44.792	ng	# 75
51) 2,6-Dinitrotoluene	9.72	165	34108	7.408	ng	# 65
57) 2,4-Dinitrotoluene	9.72	165	34108	5.623	ng	# 26
67) 4-Bromophenyl-phenylether	10.51	248	26244	4.016	ng	# 20
77) Benizidine	12.54	184	468676	32.508	ng	# 1
						98

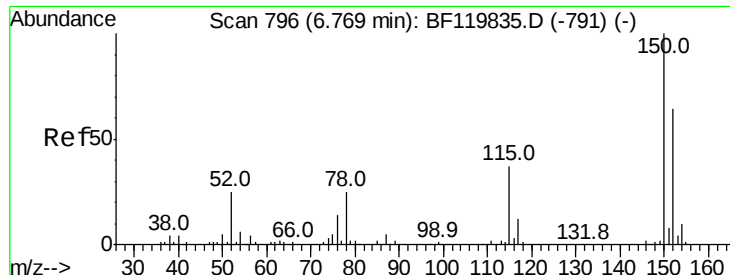
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042220\
Data File : BF120136.D
Acq On : 22 Apr 2020 17:32
Operator : MA/SJ
Sample : L2356-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13-12-COMP

Quant Time: Apr 22 18:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration



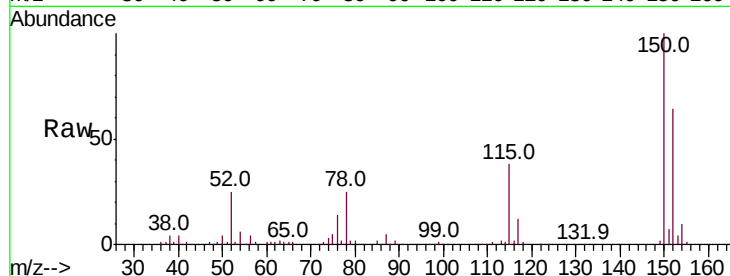


#1

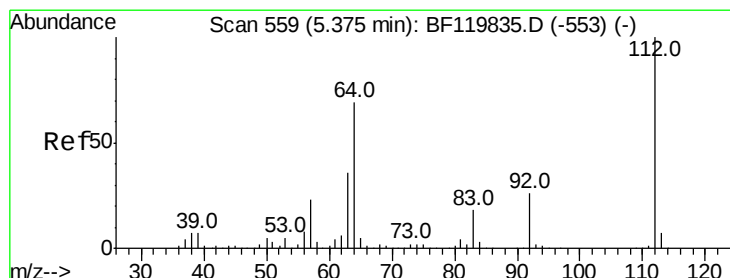
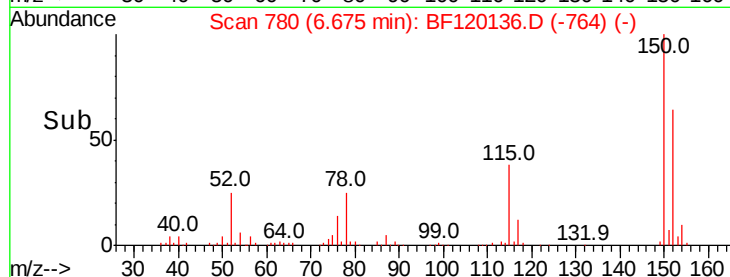
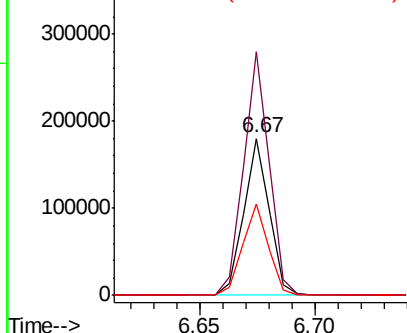
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Instrument :
BNA_F
ClientSampleId :
TP-13-12-COMP

Tot Ion:152 Resp: 138681
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 58.2 49.6 74.4



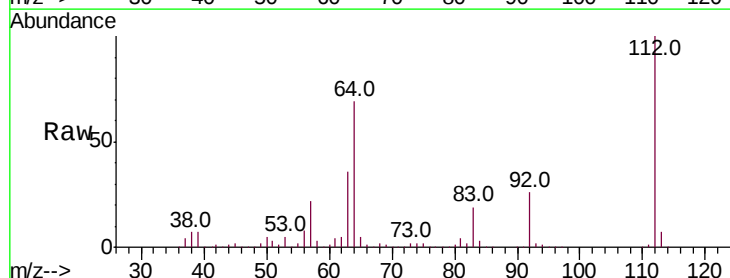
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



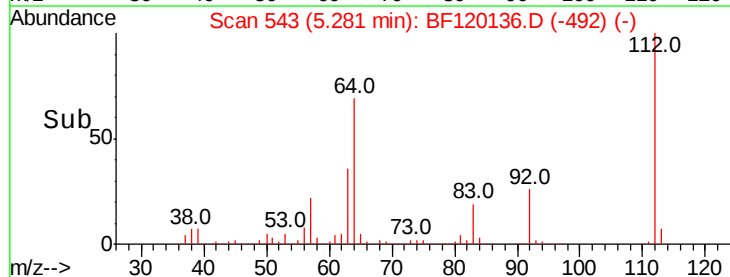
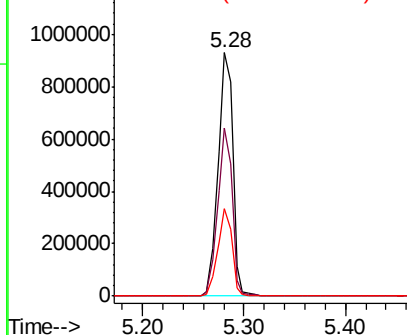
#5

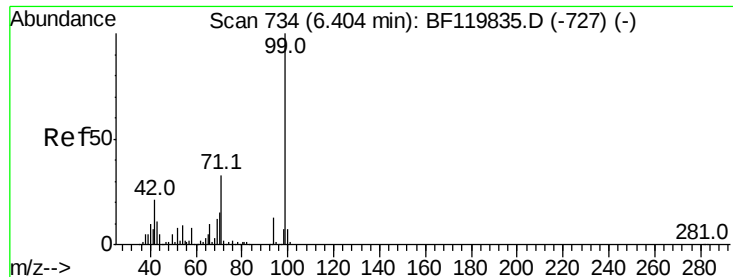
2-Fluorophenol
Concen: 117.304 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Tgt Ion:112 Resp: 941322
Ion Ratio Lower Upper
112 100
64 69.2 56.7 85.1
63 35.8 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: 104.025 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

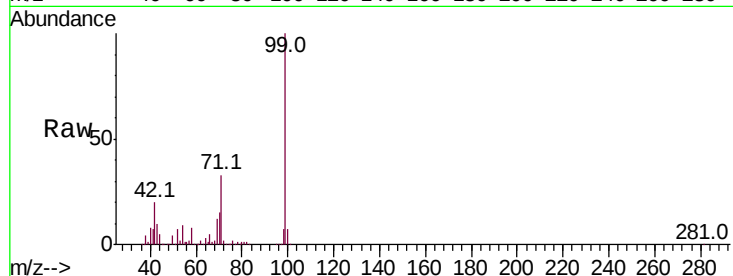
Tot Ion: 99 Resp: 1075638

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

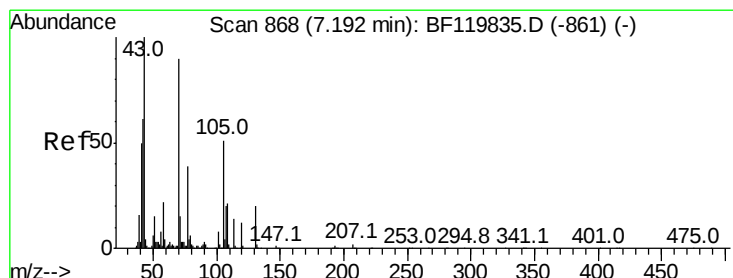
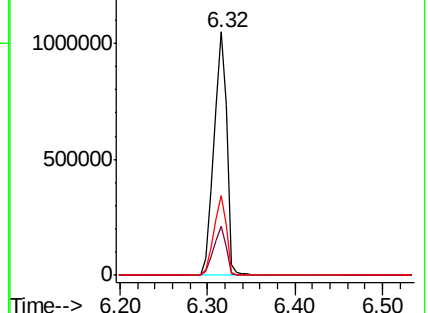
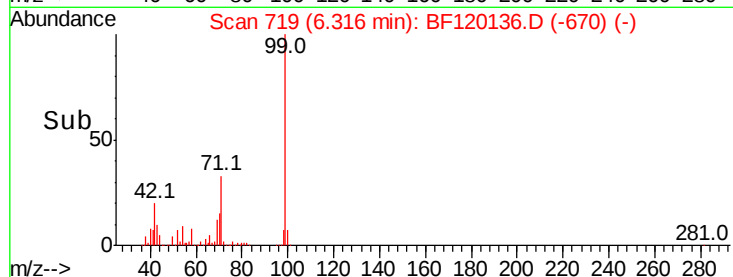
71 32.7 26.4 39.6



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: 17.650 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Tgt Ion: 70 Resp: 117362

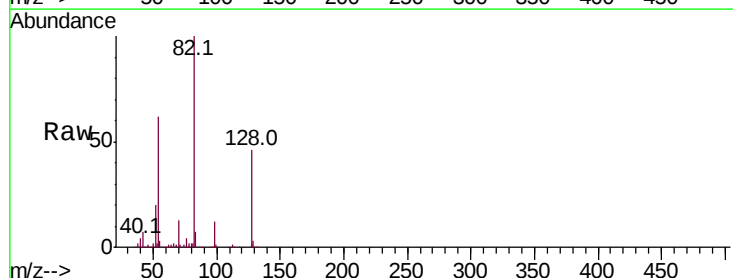
Ion Ratio Lower Upper

70 100

42 52.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

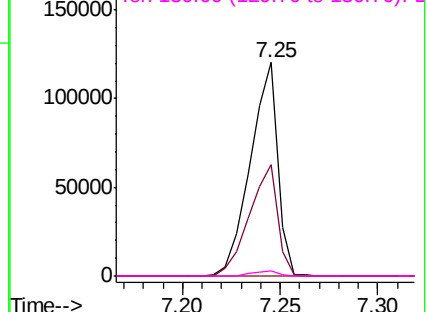
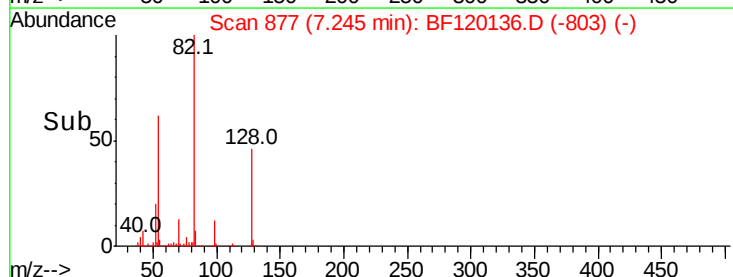


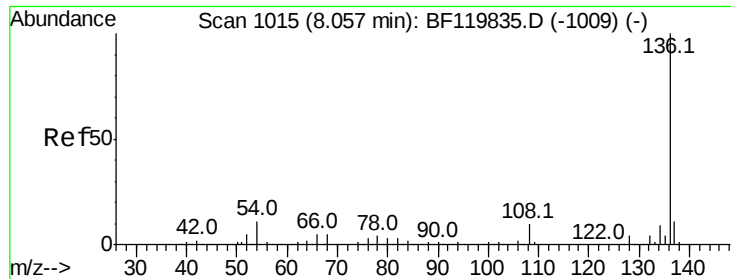
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

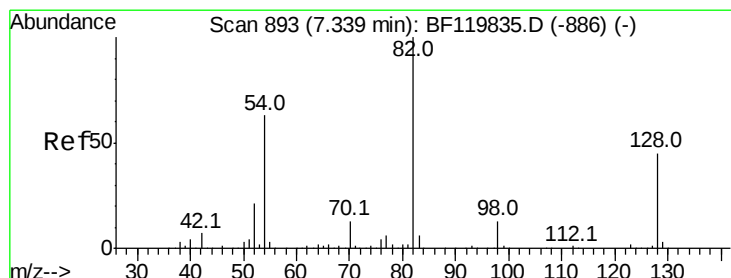
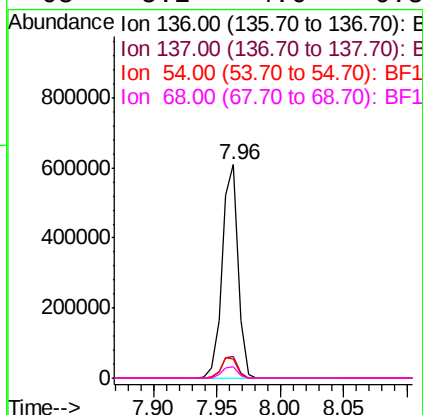
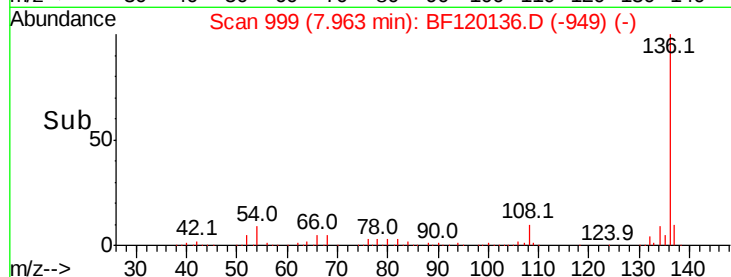
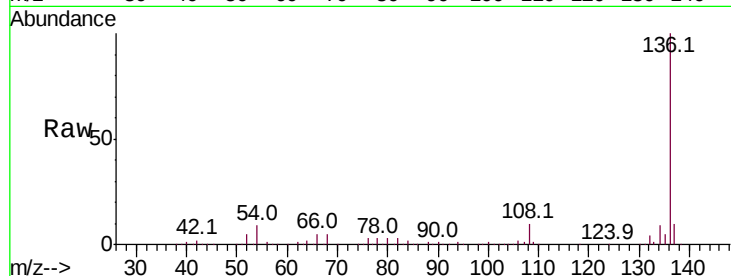




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

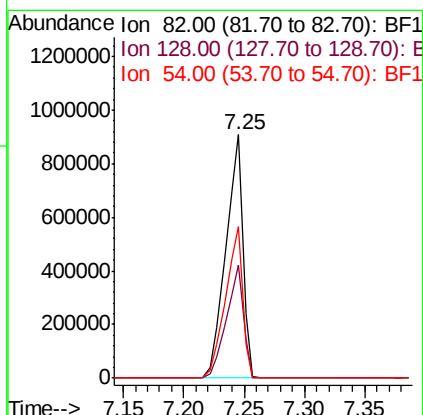
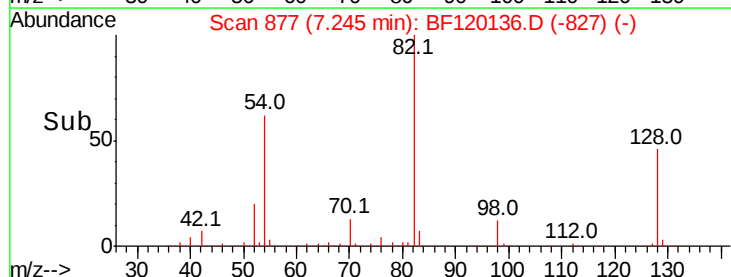
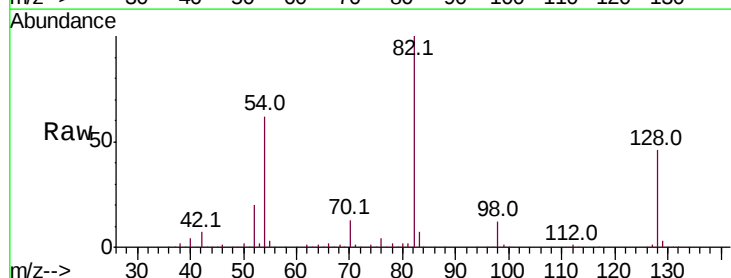
Instrument :
BNA_F
ClientSampleId :
TP-13-12-COMP

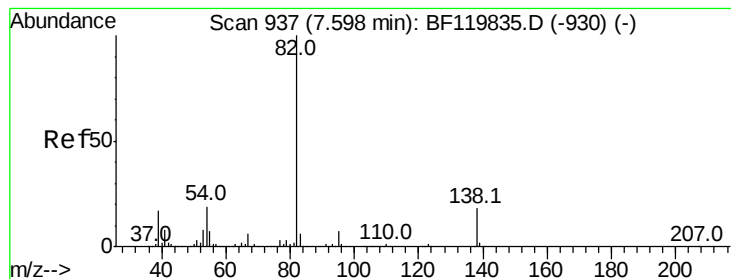
Tot Ion:	136	Resp:	532910
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.2	9.1	13.7
68	5.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 86.448 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Tgt Ion:	82	Resp:	890502
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	62.0	50.6	75.8





#25

Isophorone

Concen: 44.792 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

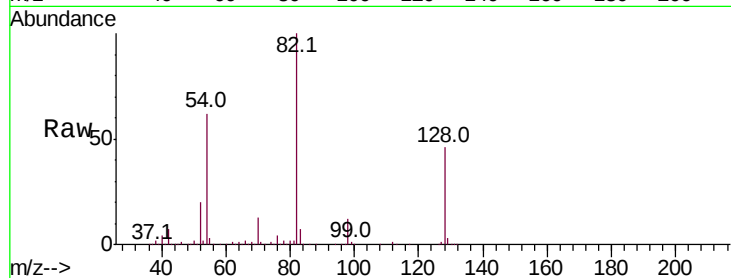
Tot Ion: 82 Resp: 889460

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

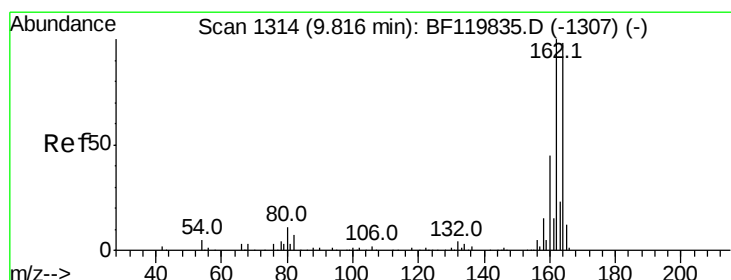
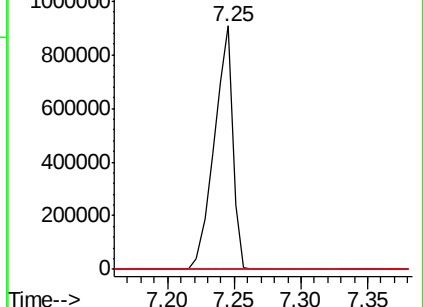
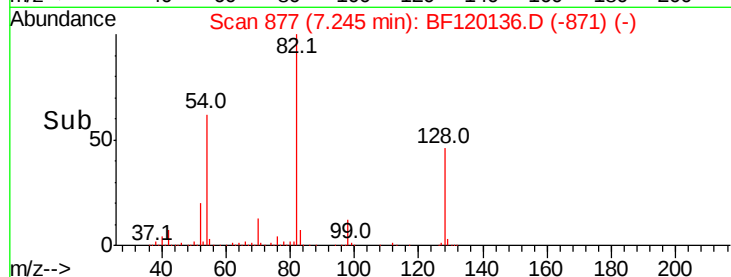
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

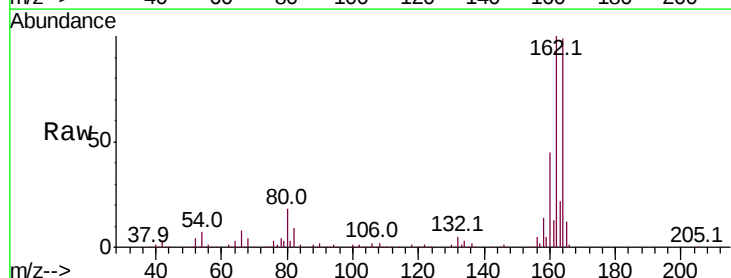
Tgt Ion:164 Resp: 271834

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

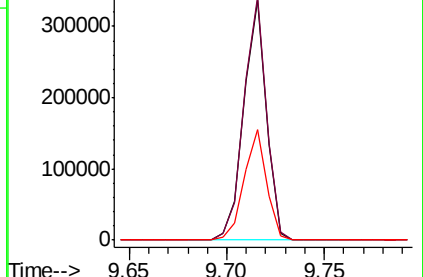
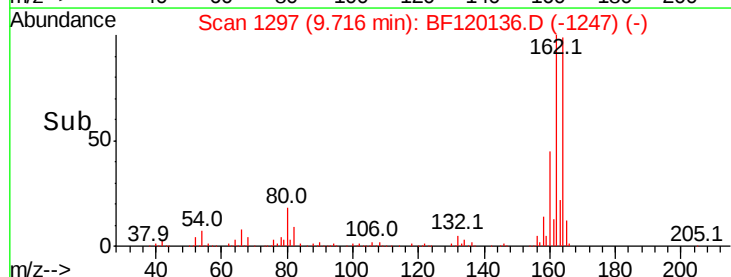
160 45.9 35.7 53.5

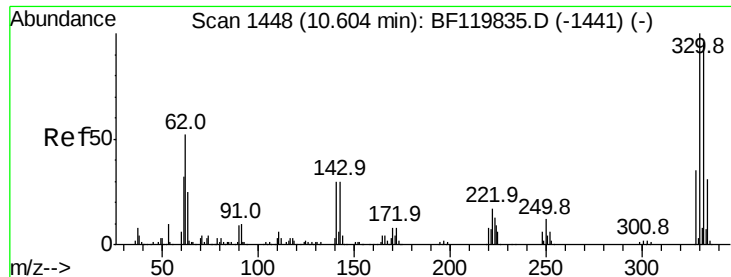


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

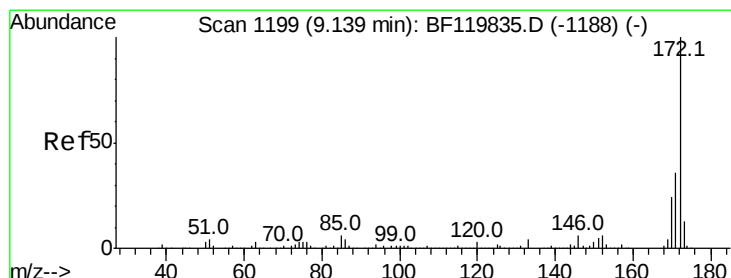
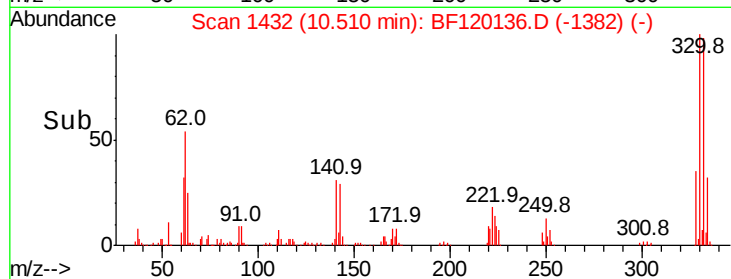
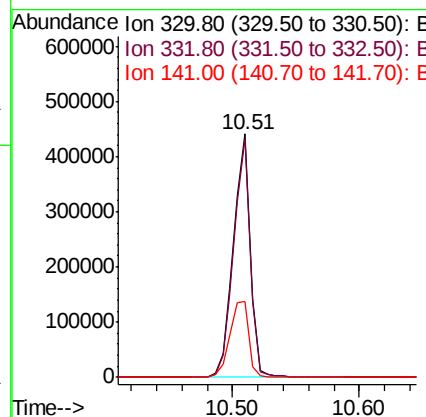
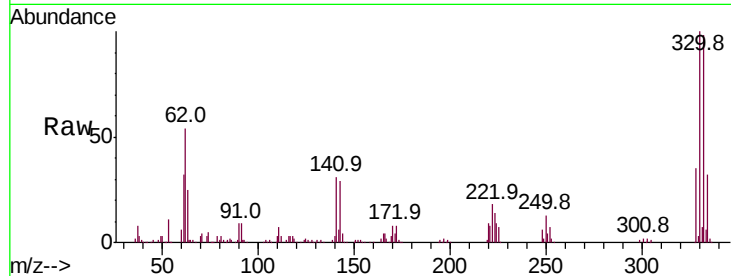




#42
 2,4,6-Tribromophenol
 Concen: 122.226 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

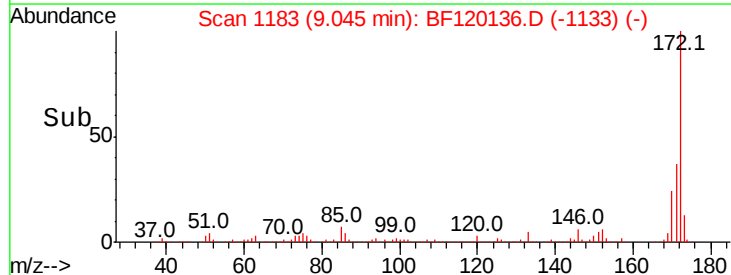
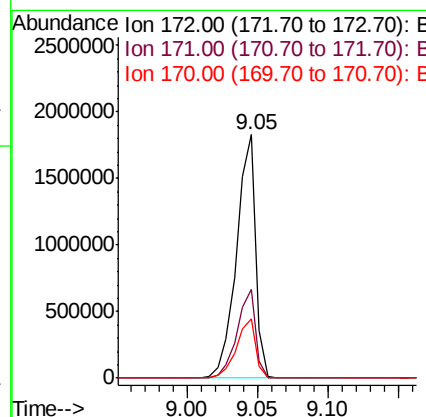
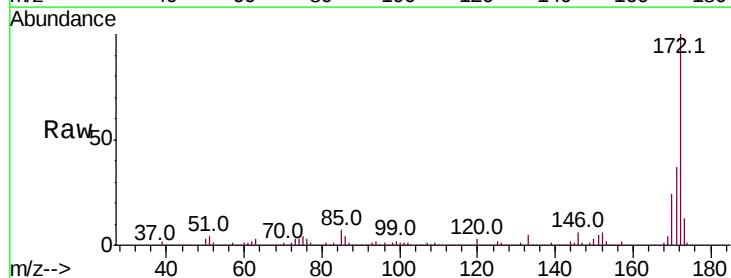
Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

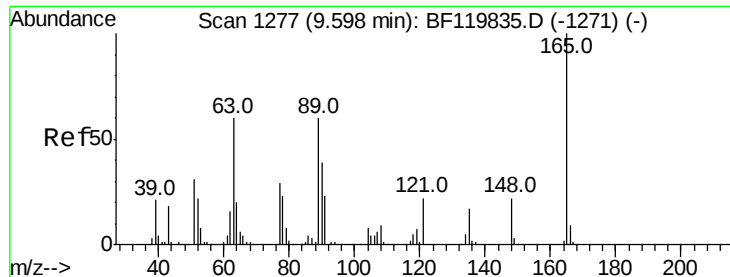
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	35.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 89.232 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	20.2	30.2

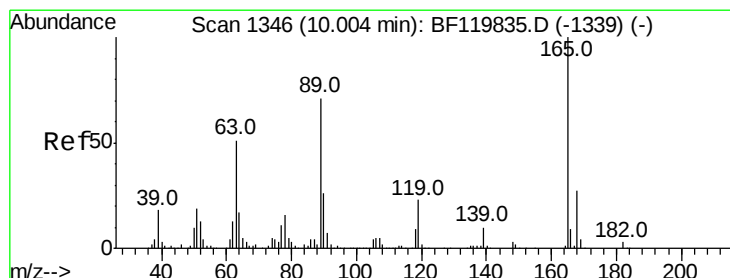
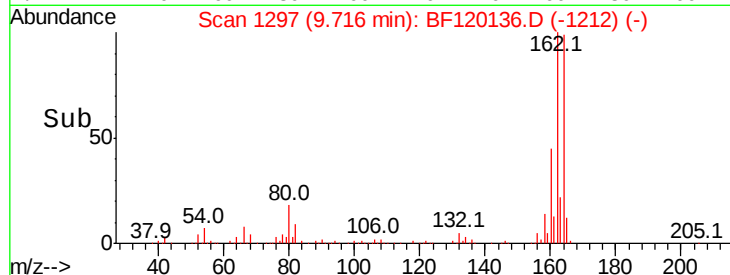
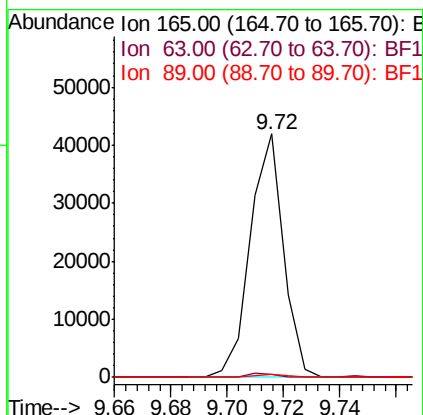
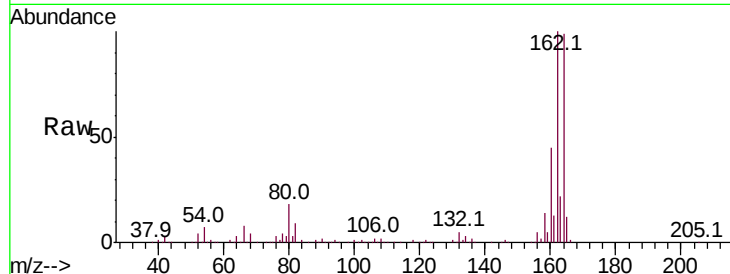




#51
 2,6-Dinitrotoluene
 Concen: 7.408 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

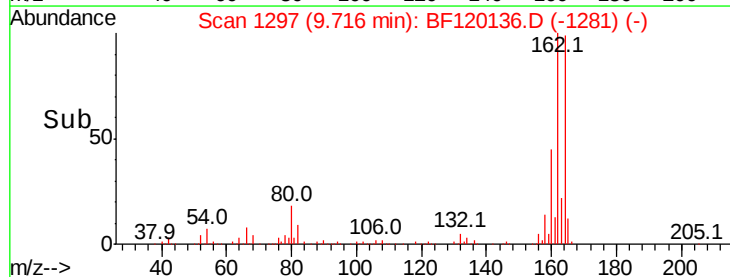
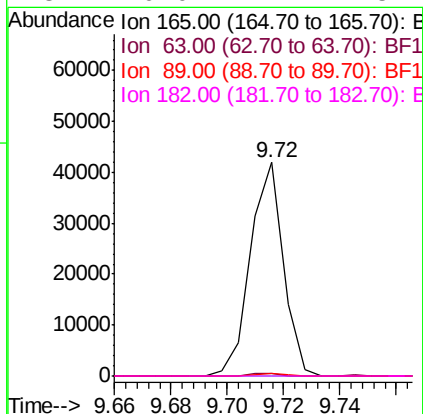
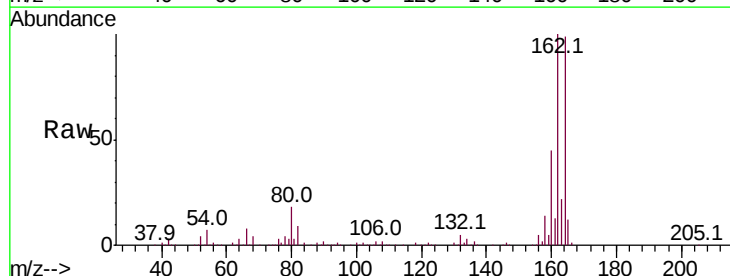
Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

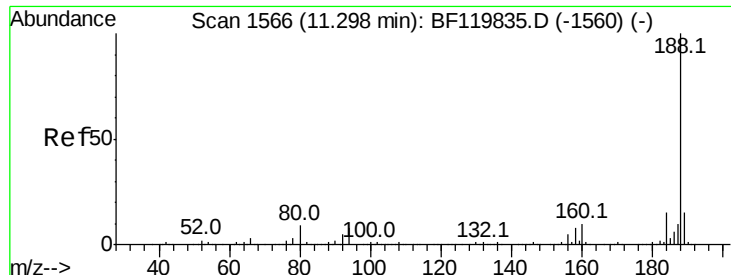
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	1.3	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.623 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

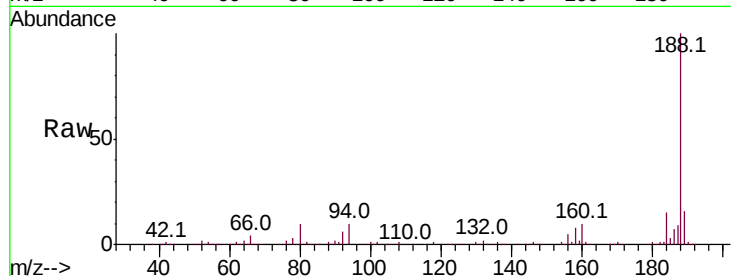
Tot Ion:188 Resp: 525476

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.2 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

800000

600000

400000

200000

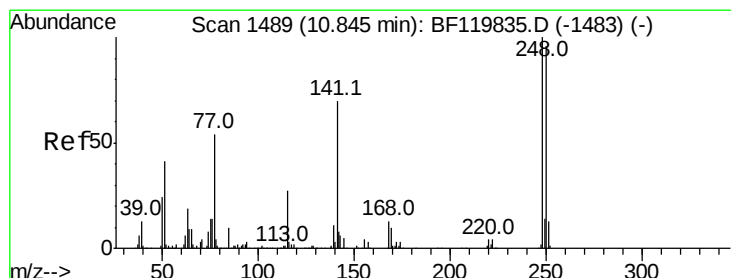
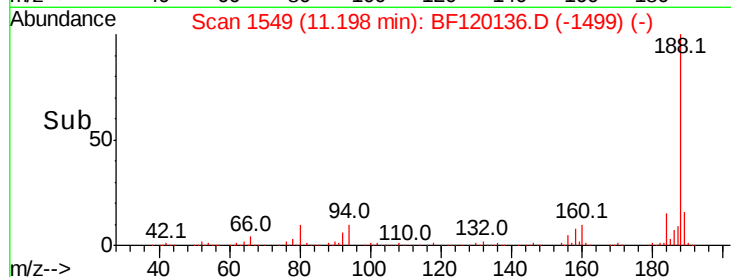
0

11.15

11.20

11.25

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.016 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

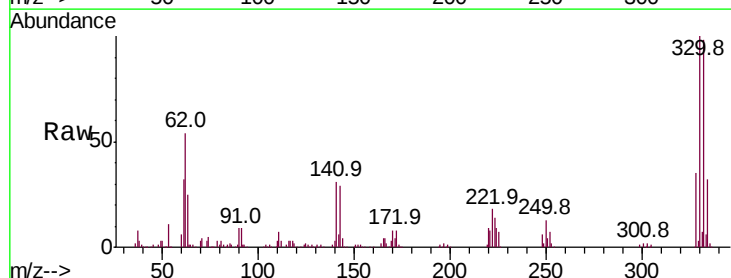
Tgt Ion:248 Resp: 26244

Ion Ratio Lower Upper

248 100

250 206.6 77.3 115.9#

141 514.2 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

150000

100000

50000

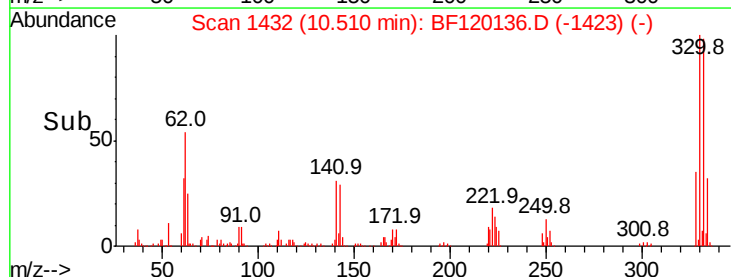
0

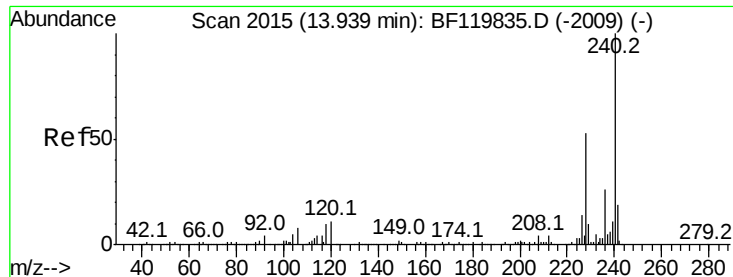
10.45

10.50

10.55

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

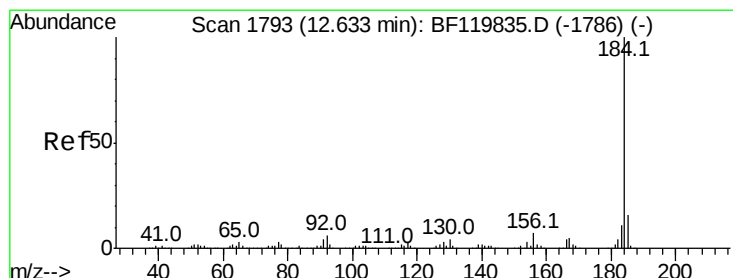
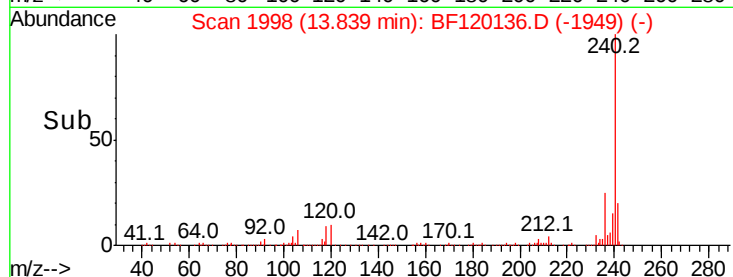
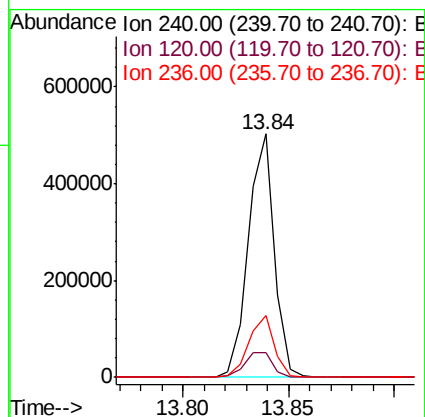
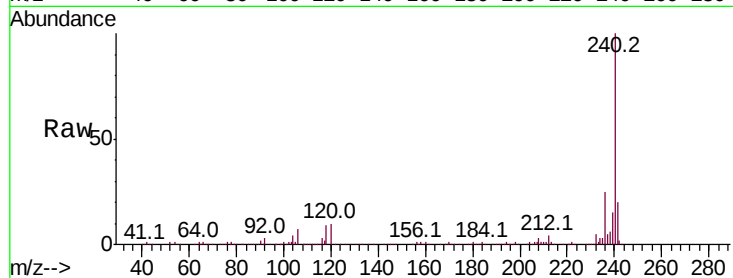
Tot Ion:240 Resp: 426504

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

236 25.4 20.2 30.2



#77

Benzidine

Concen: 32.508 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

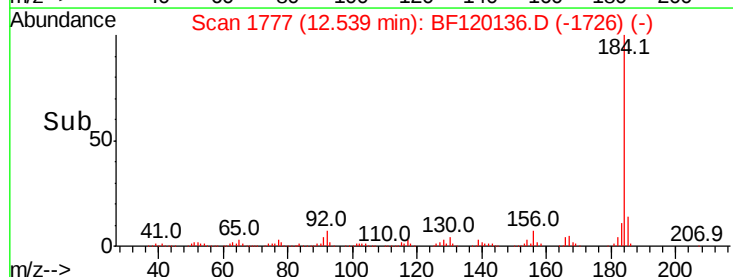
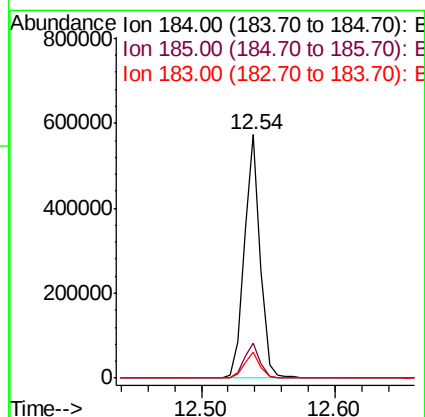
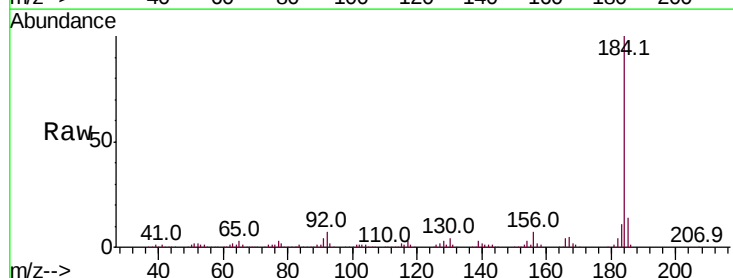
Tgt Ion:184 Resp: 468676

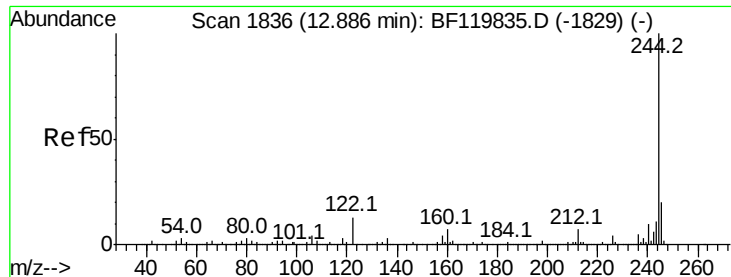
Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

183 10.8 9.0 13.6

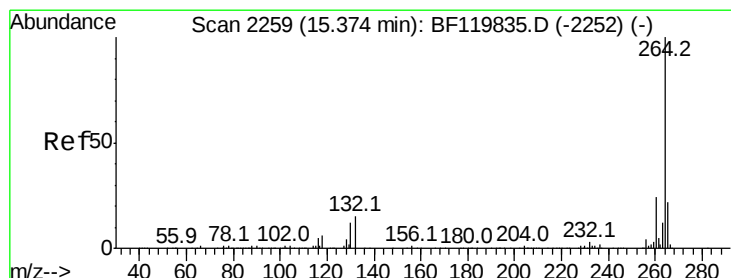
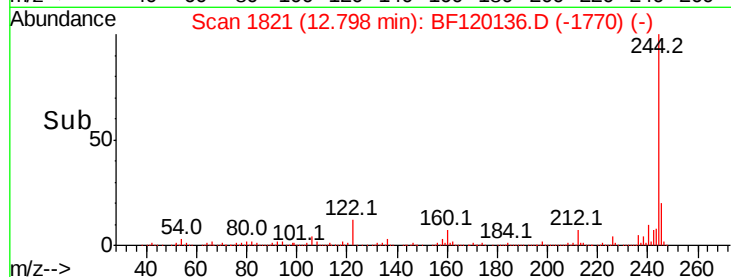
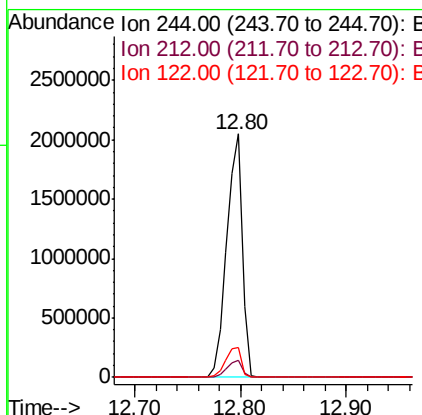
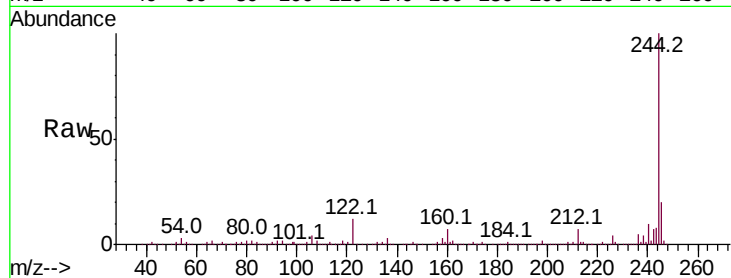




#79
 Terphenyl-d14
 Concen: 82.559 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

Tot Ion:244 Resp: 2092623
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.3 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion:264 Resp: 363740
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.4 17.7 26.5

