

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119367.D
 Acq On : 12 Mar 2020 1:38
 Operator : CG/JU
 Sample : L1874-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:12:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	87909	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	311673	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	152977	20.00	ng	-0.01
64) Phenanthrene-d10	11.27	188	174768	20.00	ng	0.03
76) Chrysene-d12	13.97	240	164811	20.00	ng	0.08
87) Perylene-d12	15.39	264	207366	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	79463	15.11	ng	0.02
7) Phenol-d6	6.38	99	362236	56.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	391666	66.35	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	18194	9.09	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	775990	74.73	ng	-0.01
79) Terphenyl-d14	12.91	244	562357	58.75	ng	0.08

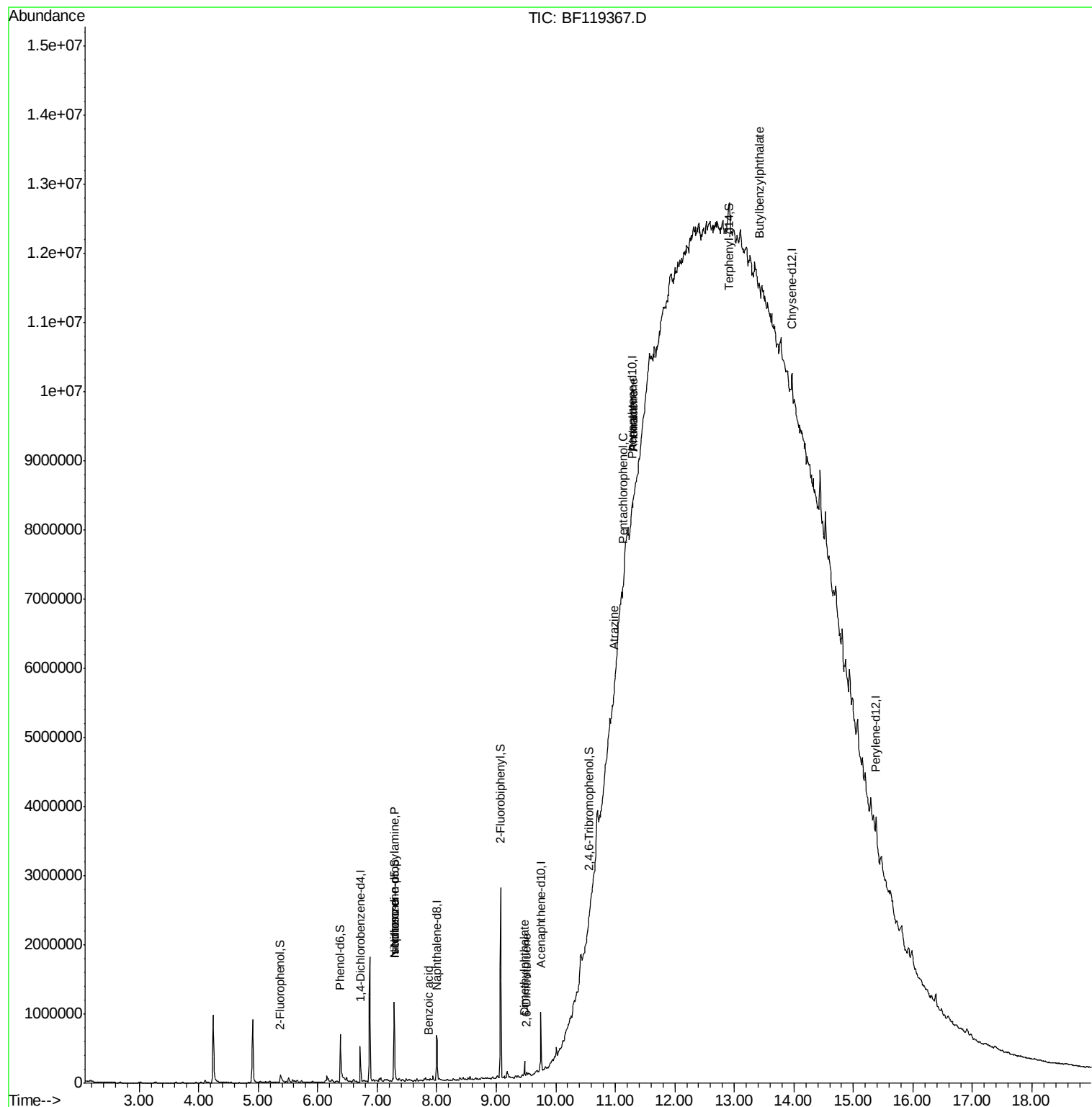
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	56098	15.048	ng	# 75
25) Isophorone	7.29	82	390705	38.112	ng	# 63
32) Benzoic acid	7.86	122	2880	7.489	ng	91
50) Dimethylphthalate	9.47	163	76892	6.573	ng	99
51) 2,6-Dinitrotoluene	9.51	165	6124	2.356	ng	# 42
69) Atrazine	10.97	200	6126	3.064	ng	# 1
70) Pentachlorophenol	11.12	266	4590	4.326	ng	# 8
71) Phenanthrene	11.30	178	28448	2.985	ng	# 1
72) Anthracene	11.30	178	28448	2.987	ng	# 1
80) Butylbenzylphthalate	13.42	149	12290	2.207	ng	# 47

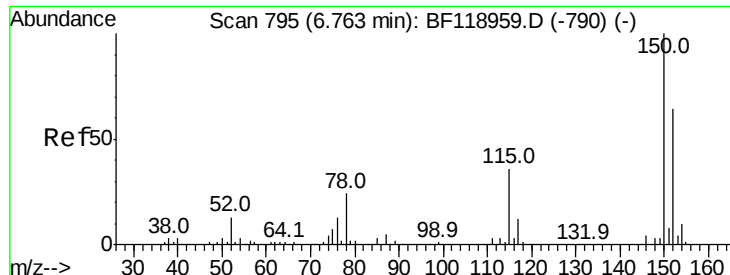
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119367.D
Acq On : 12 Mar 2020 1:38
Operator : CG/JU
Sample : L1874-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 12 05:12:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



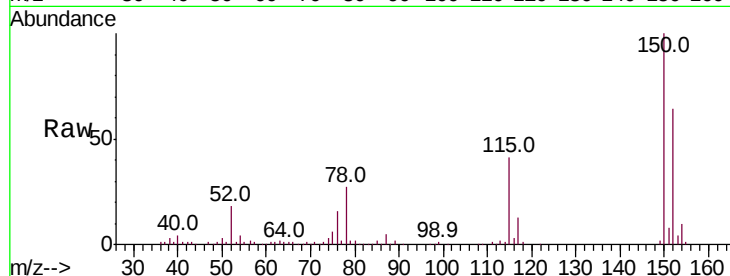


#1

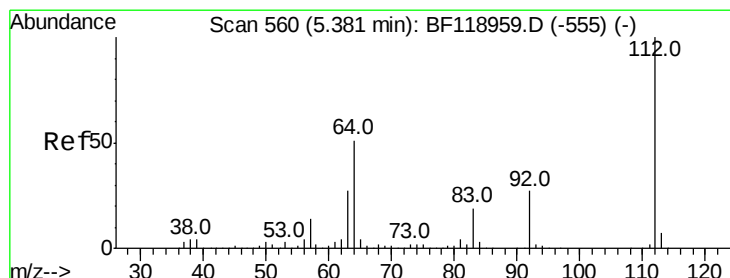
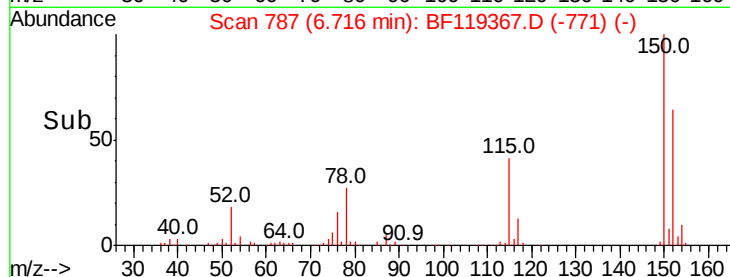
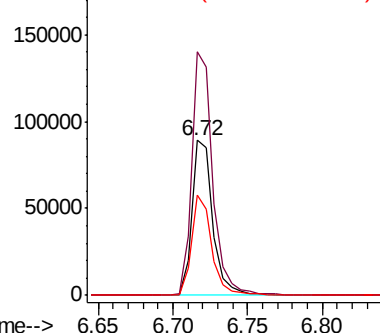
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87909
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.6
115 64.8 49.5 74.3



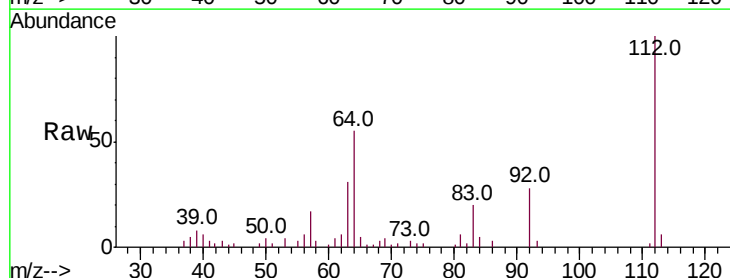
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



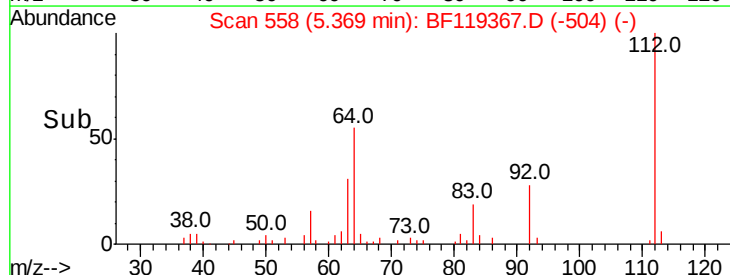
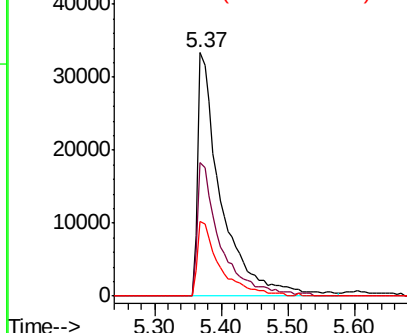
#5

2-Fluorophenol
Concen: 15.106 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Tgt Ion:112 Resp: 79463
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 30.6 24.2 36.4



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: 56.622 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Instrument :

BNA_F

ClientSampleId :

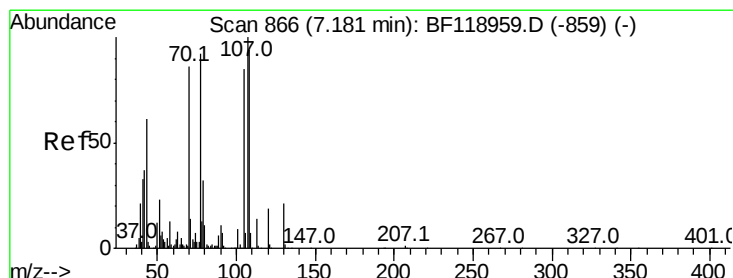
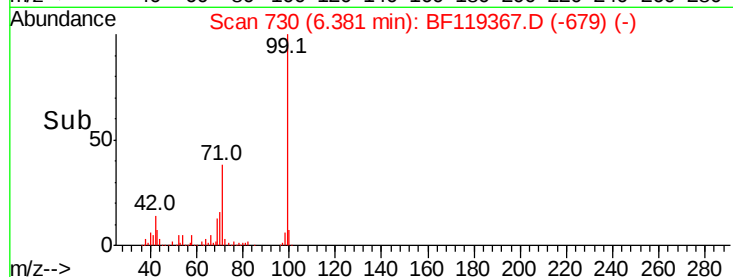
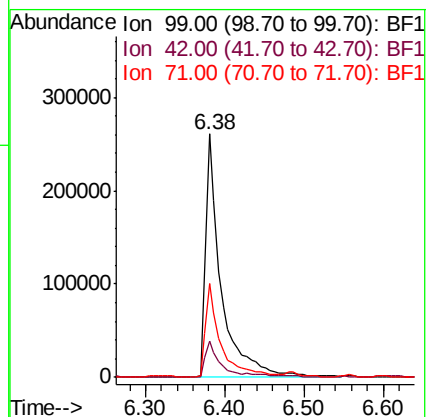
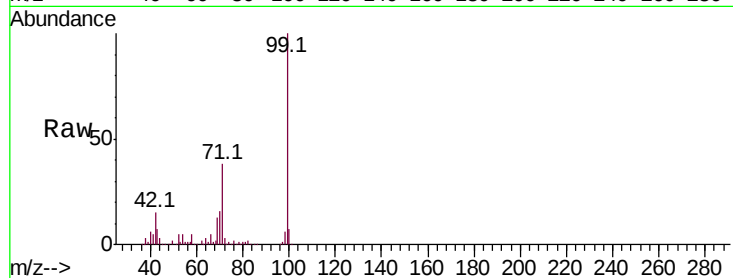
Tot Ion: 99 Resp: 362236

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.048 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Tgt Ion: 70 Resp: 56098

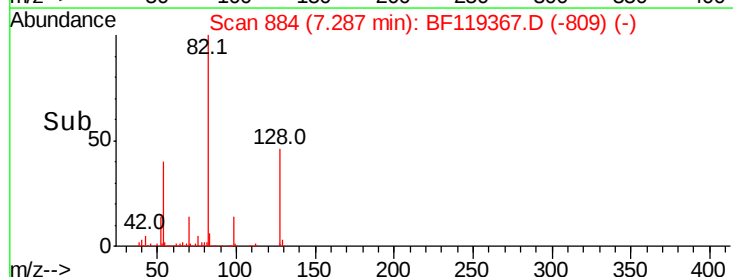
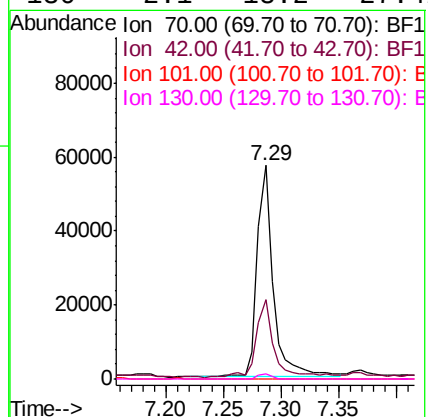
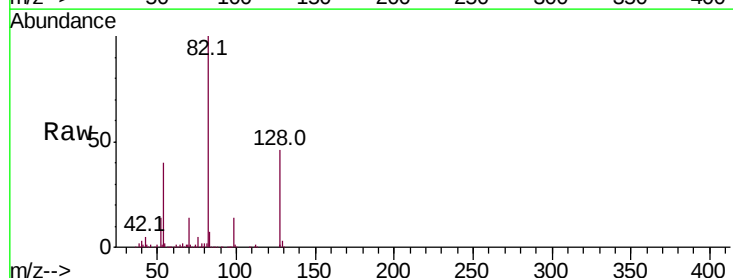
Ion Ratio Lower Upper

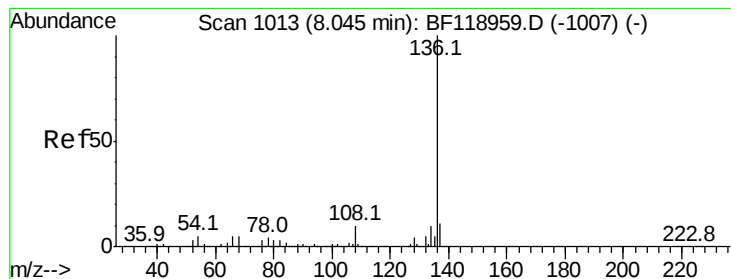
70 100

42 36.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 311673

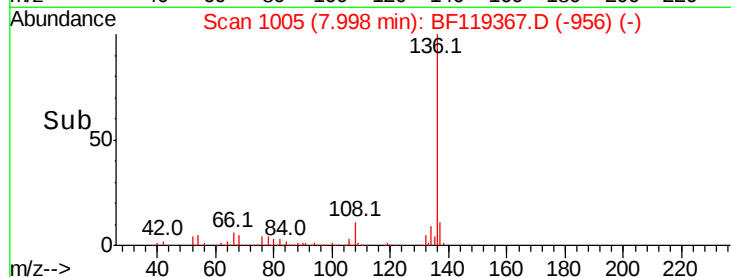
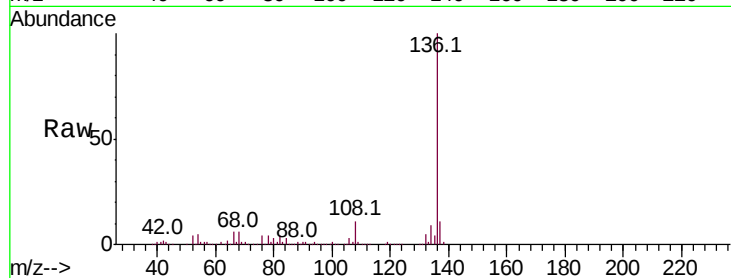
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.5 3.8 5.6

68 5.7 3.9 5.9

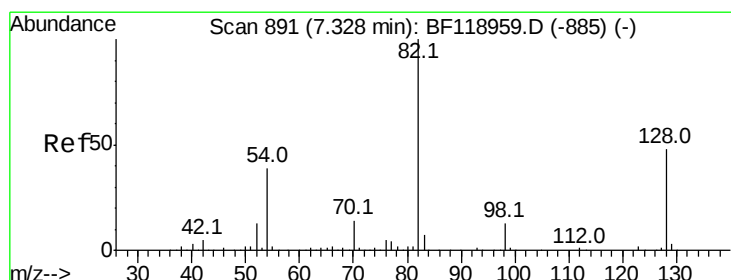
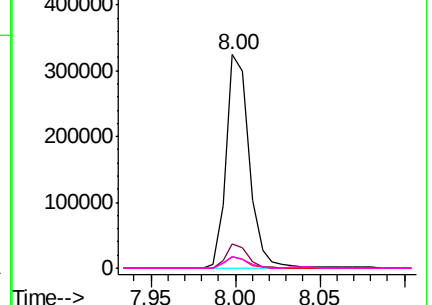


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.351 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

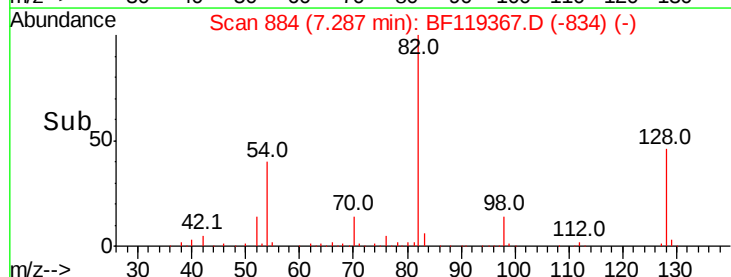
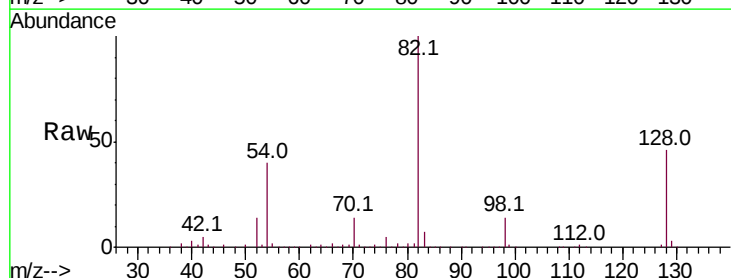
Tgt Ion: 82 Resp: 391666

Ion Ratio Lower Upper

82 100

128 46.1 37.9 56.9

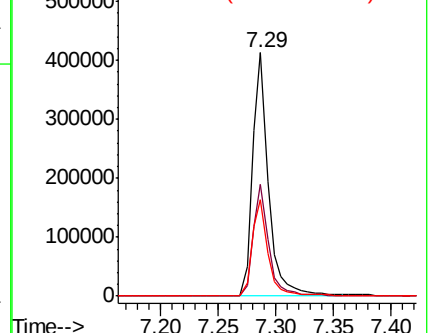
54 39.6 33.4 50.2

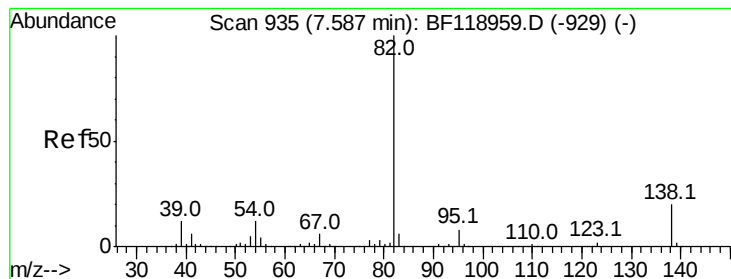


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.112 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Instrument :

BNA_F

ClientSampleId :

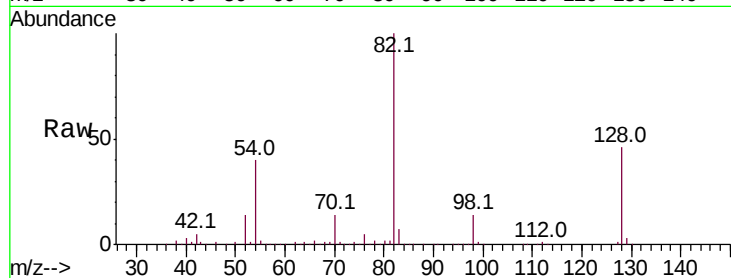
Tot Ion: 82 Resp: 390705

Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

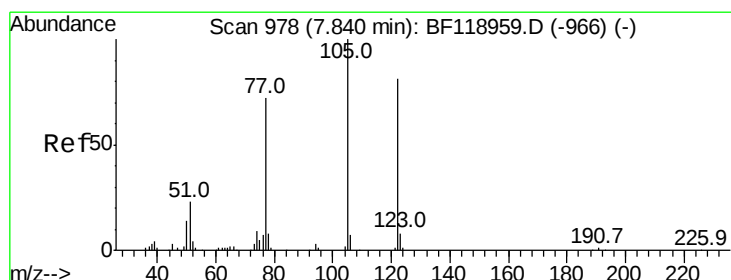
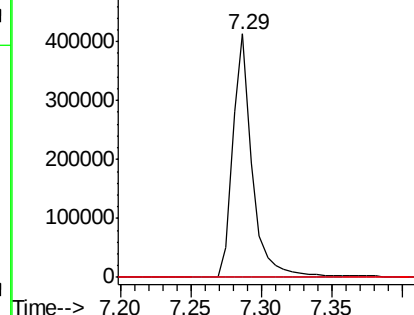
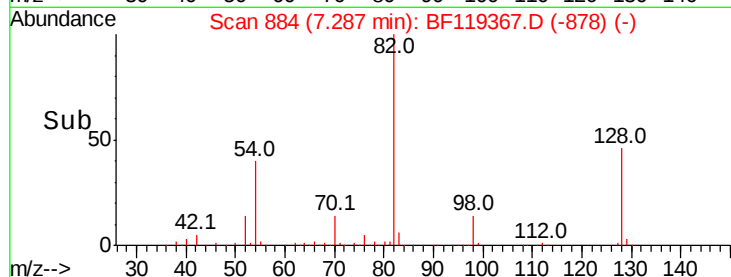
138 0.0 15.7 23.5#



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



#32

Benzoic acid

Concen: 7.489 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

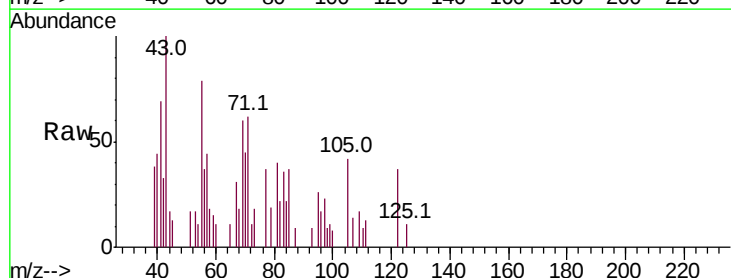
Tgt Ion:122 Resp: 2880

Ion Ratio Lower Upper

122 100

105 115.0 106.3 146.3

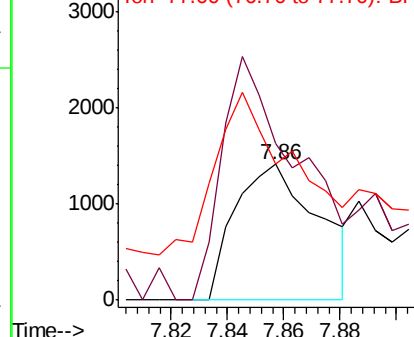
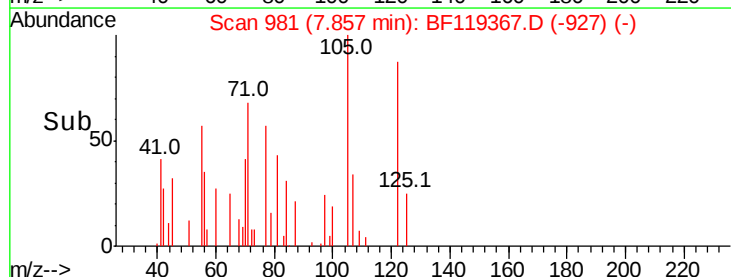
77 100.4 73.1 113.1

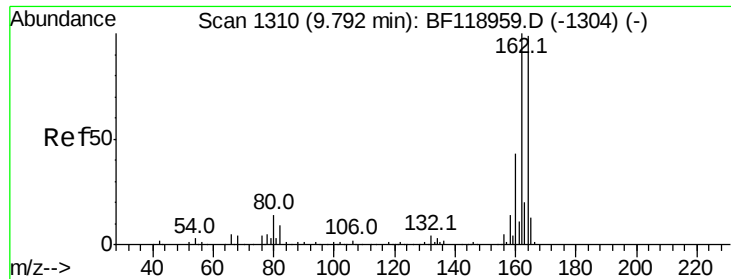


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

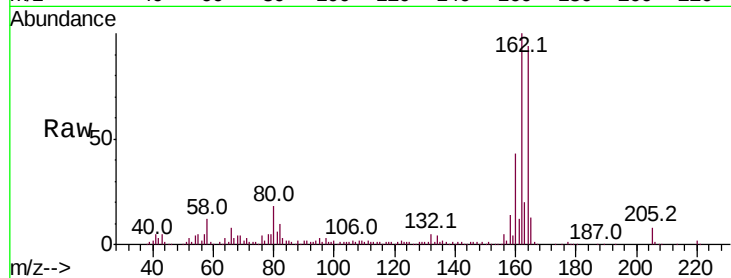




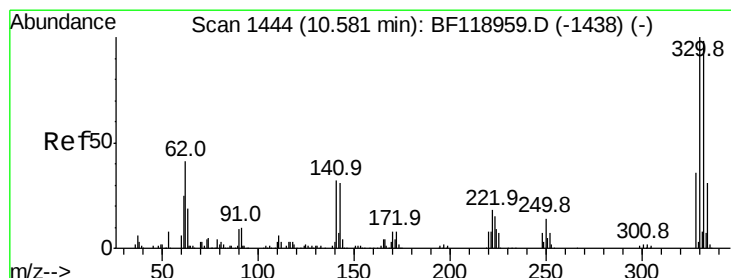
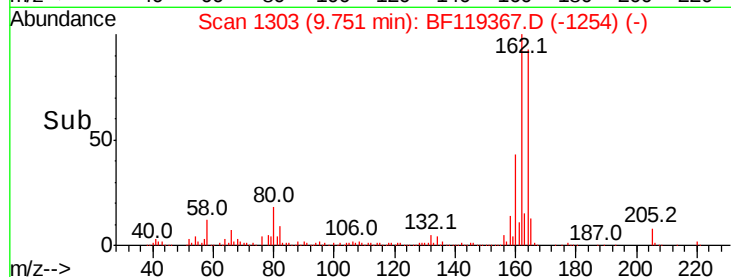
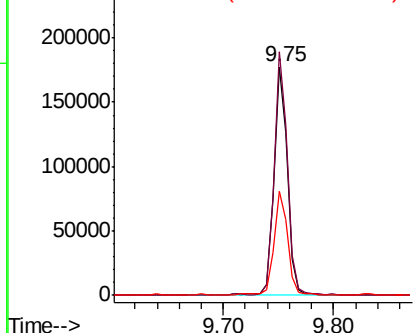
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119367.D
 Acq: 12 Mar 2020 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 152977
 Ion Ratio Lower Upper
 164 100
 162 106.5 81.8 122.8
 160 45.6 36.0 54.0

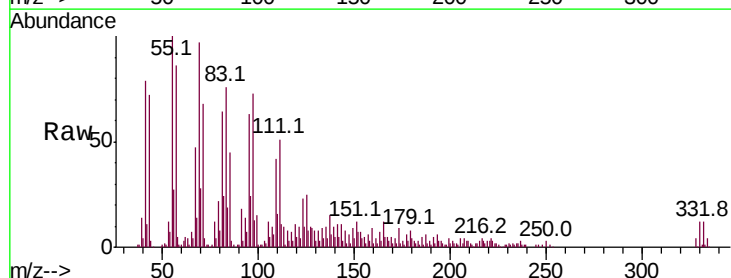


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

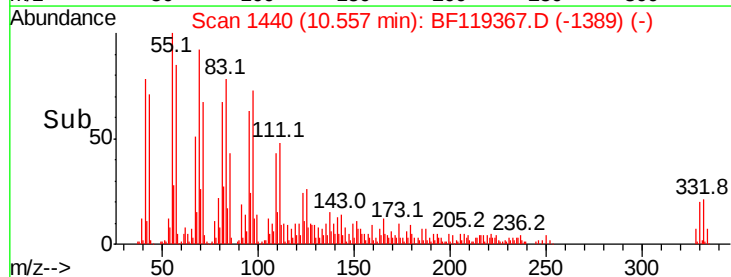
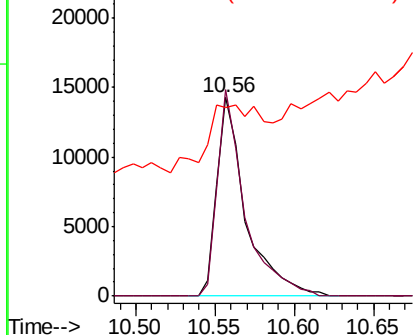


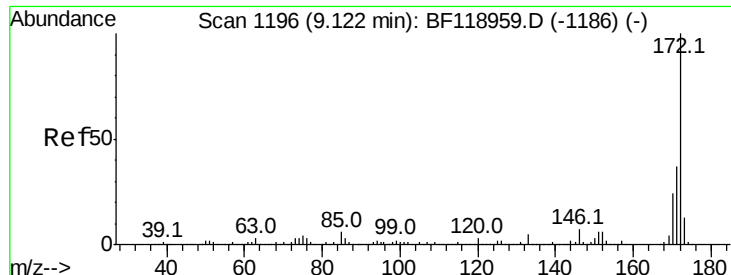
#42
 2,4,6-Tribromophenol
 Concen: 9.092 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119367.D
 Acq: 12 Mar 2020 1:38

Tgt Ion:330 Resp: 18194
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.0 114.0
 141 51.1 22.9 34.3#



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

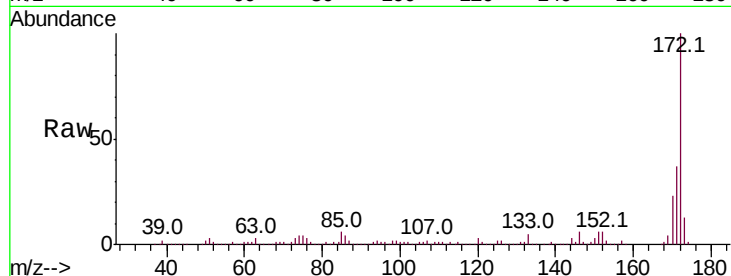




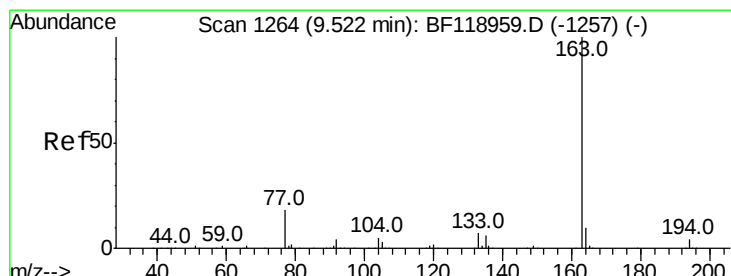
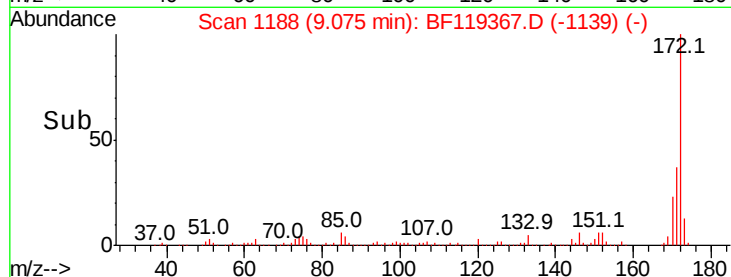
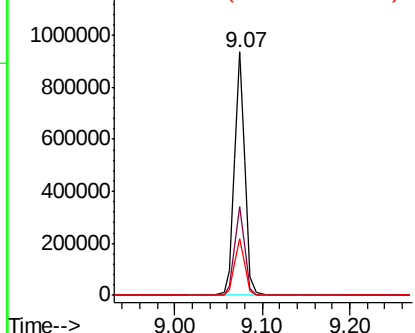
#45
2-Fluorobiphenyl
Concen: 74.728 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	23.3	20.2	30.2

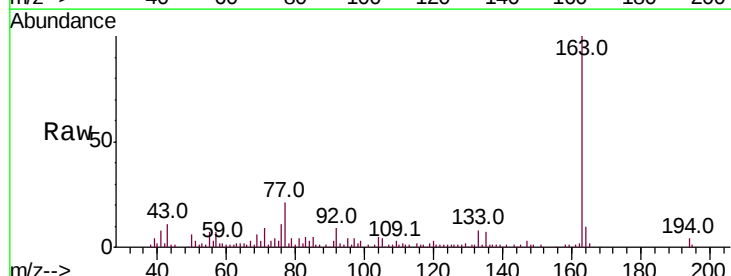


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

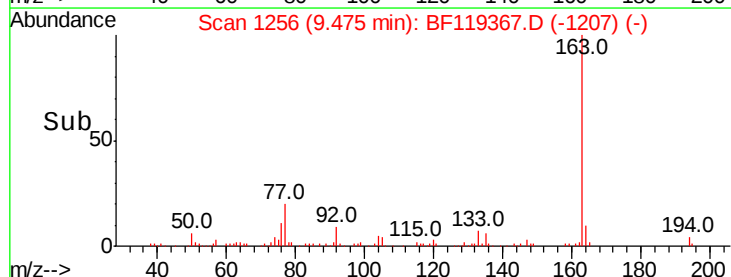
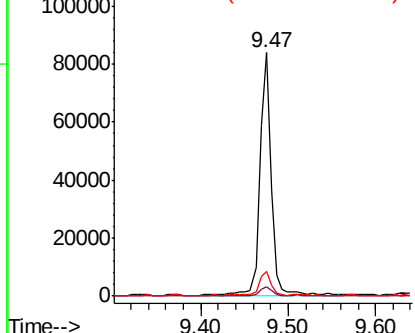


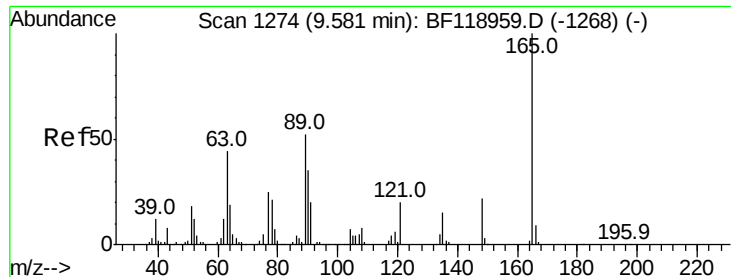
#50
Dimethylphthalate
Concen: 6.573 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.0	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





#51

2,6-Dinitrotoluene

Concen: 2.356 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.05 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Instrument :

BNA_F

ClientSampled :

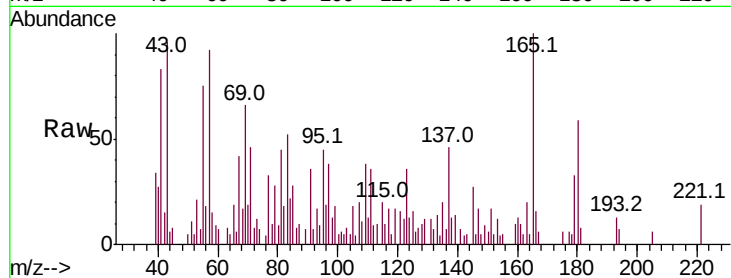
Tot Ion:165 Resp: 6124

Ion Ratio Lower Upper

165 100

63 7.9 34.3 51.5#

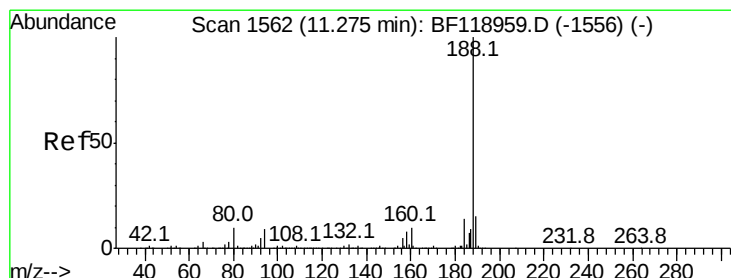
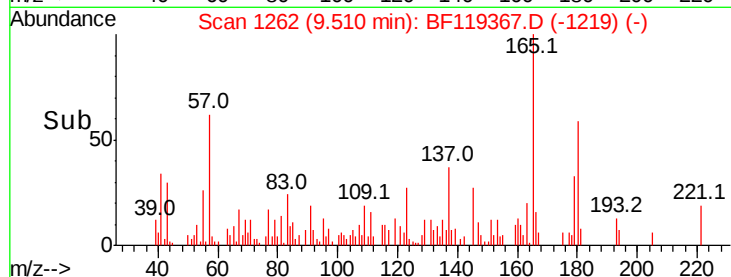
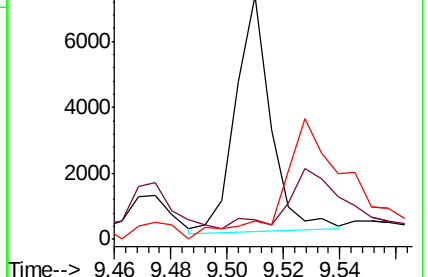
89 7.4 38.3 57.5#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.03 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

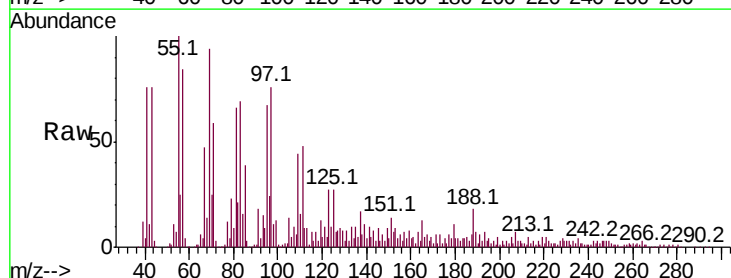
Tgt Ion:188 Resp: 174768

Ion Ratio Lower Upper

188 100

94 47.8 7.1 10.7#

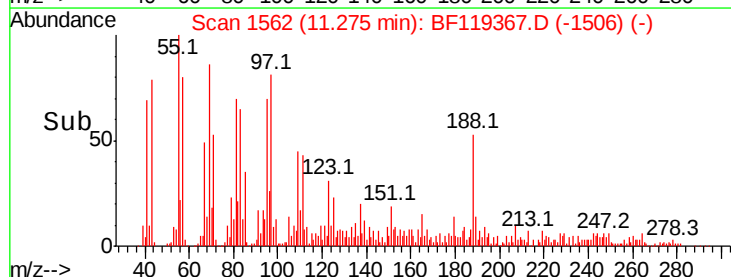
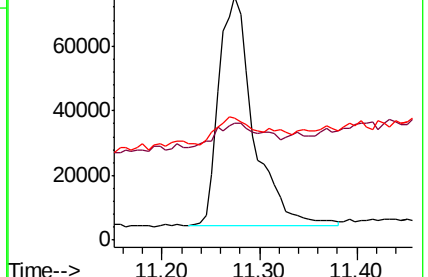
80 50.0 7.8 11.8#

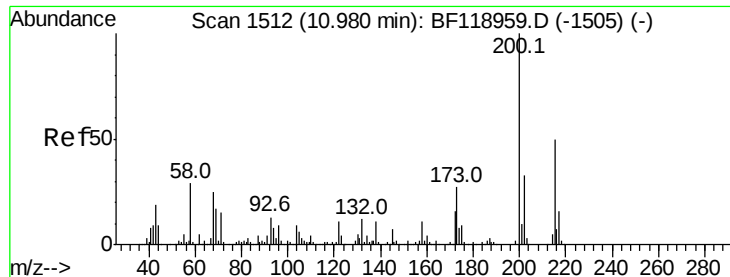


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

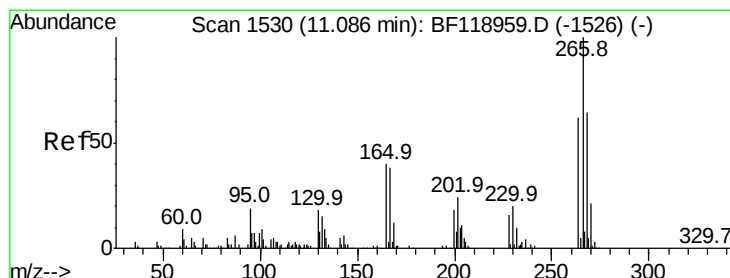
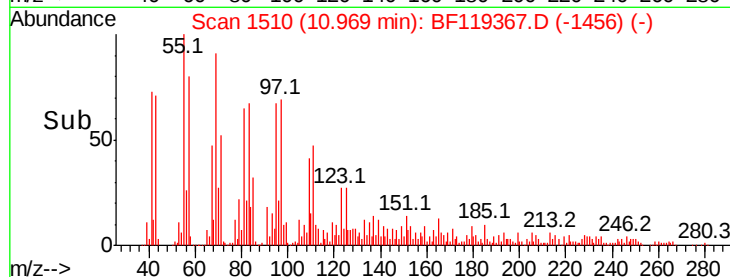
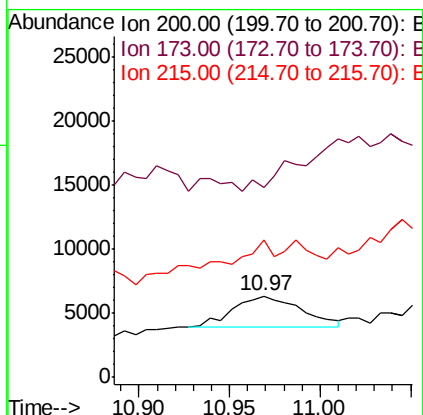
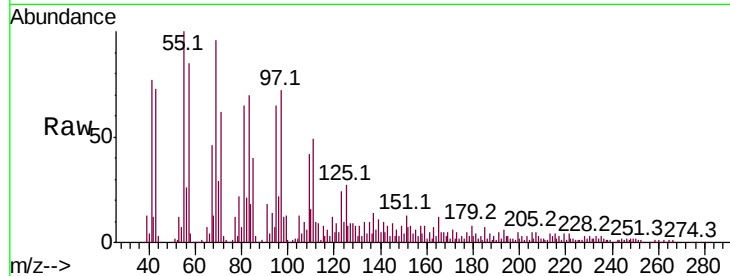




#69
Atrazine
Concen: 3.064 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.02 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

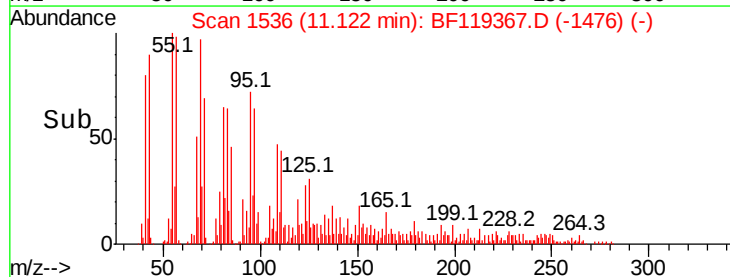
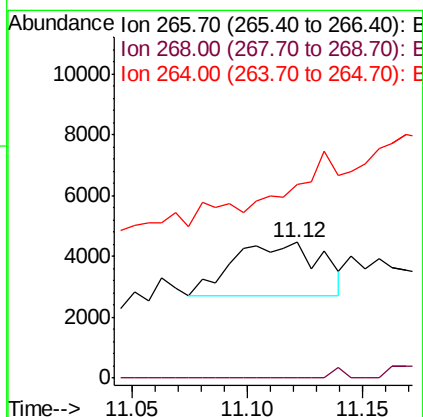
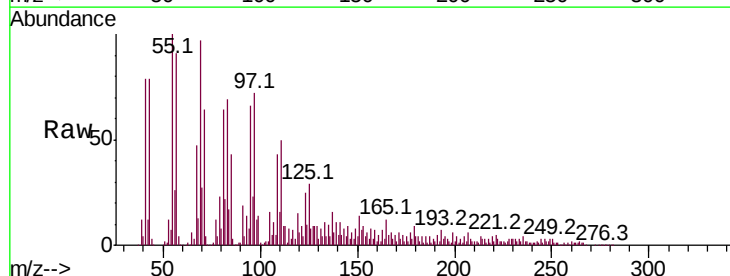
Instrument :
BNA_F
ClientSampleId :

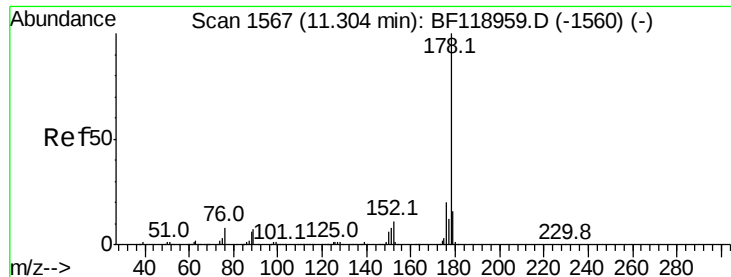
Tot Ion:200 Resp: 6126
Ion Ratio Lower Upper
200 100
173 233.5 6.4 46.4#
215 169.4 27.4 67.4#



#70
Pentachlorophenol
Concen: 4.326 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.05 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Tgt Ion:266 Resp: 4590
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 142.5 51.0 76.4#





#71

Phenanthrene

Concen: 2.985 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.03 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

Instrument :

BNA_F

ClientSampleId :

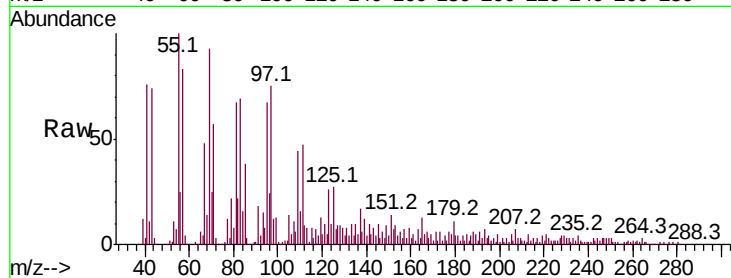
Tot Ion:178 Resp: 28448

Ion Ratio Lower Upper

178 100

176 39.6 16.5 24.7#

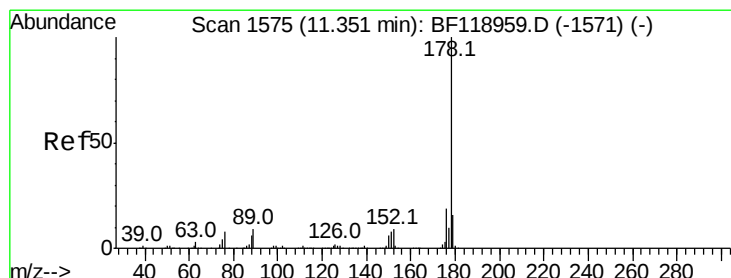
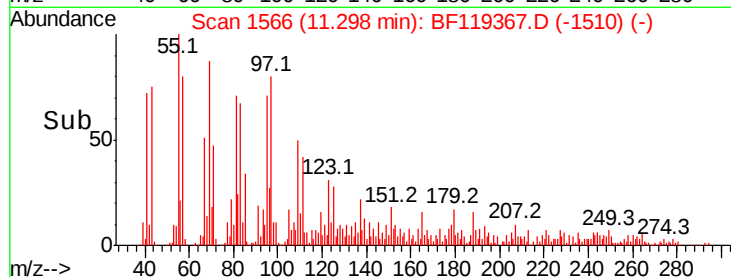
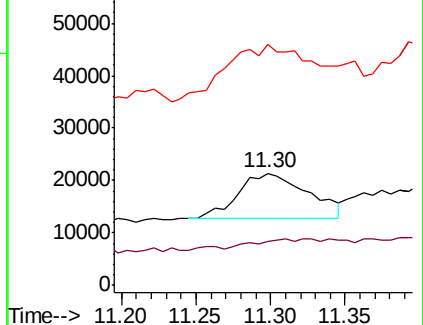
179 214.4 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.987 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF119367.D

Acq: 12 Mar 2020 1:38

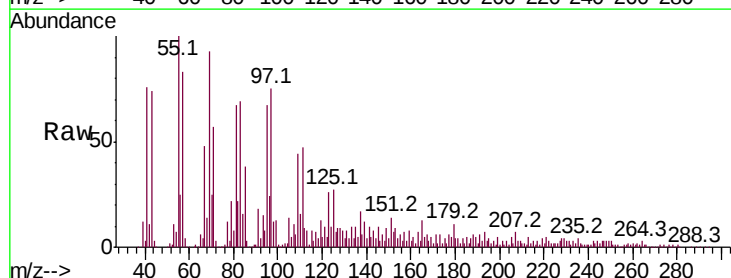
Tgt Ion:178 Resp: 28448

Ion Ratio Lower Upper

178 100

176 39.6 16.0 24.0#

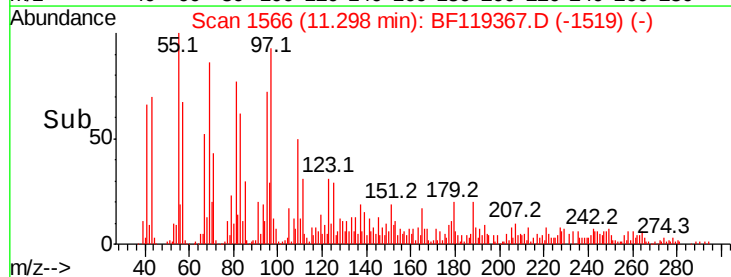
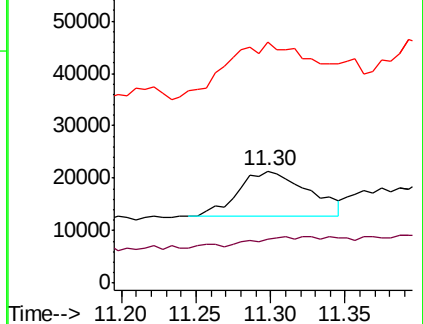
179 214.4 13.1 19.7#

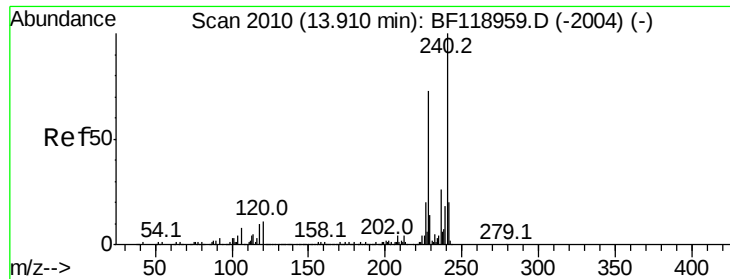


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

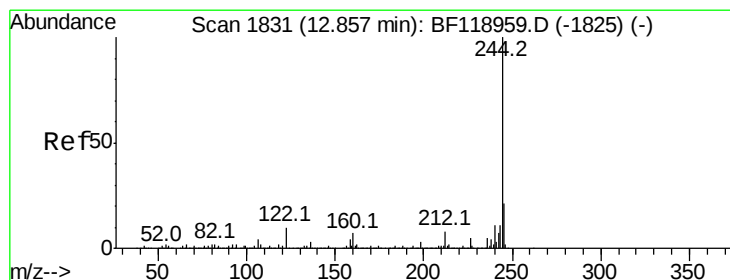
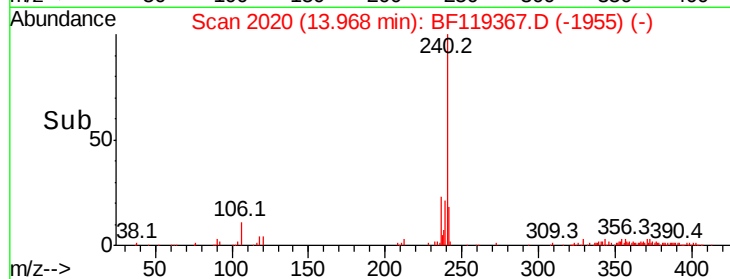
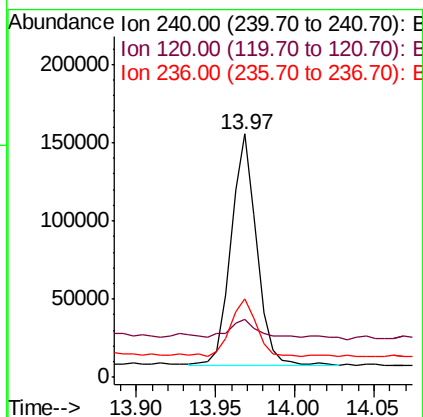
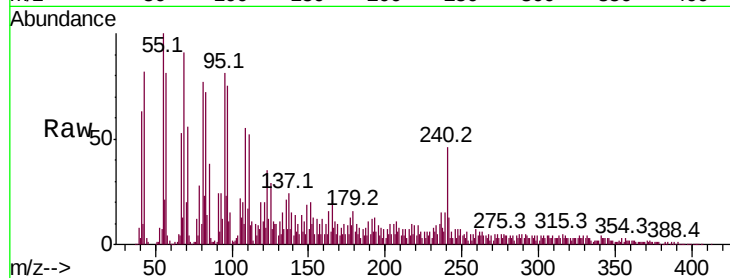




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.08 min
 Lab File: BF119367.D
 Acq: 12 Mar 2020 1:38

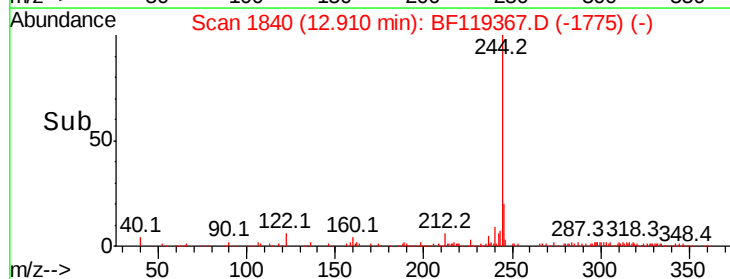
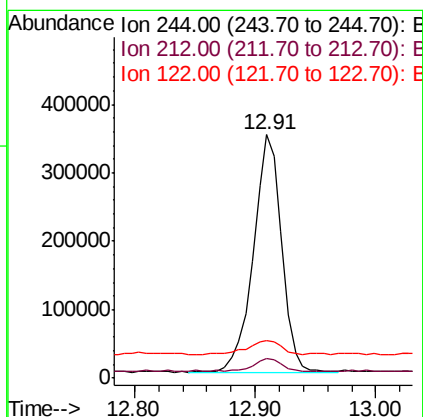
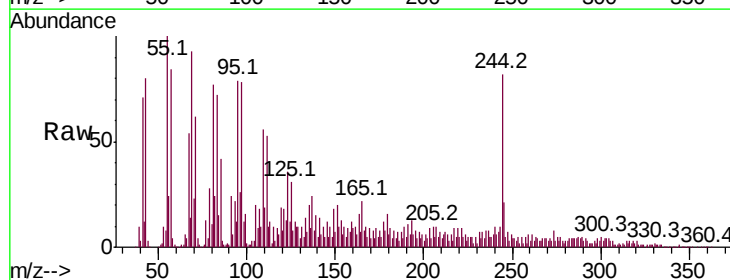
Instrument :
 BNA_F
 ClientSampled :

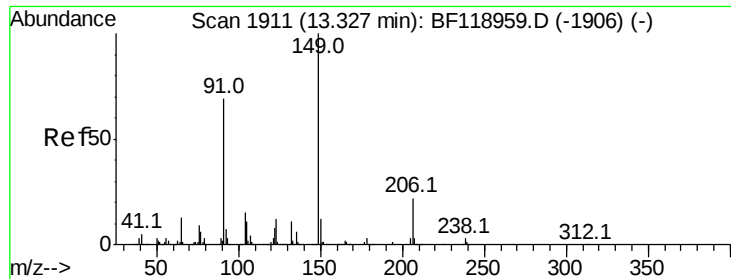
Tot Ion:240 Resp: 164811
 Ion Ratio Lower Upper
 240 100
 120 23.8 8.4 12.6#
 236 32.3 21.0 31.4#



#79
 Terphenyl-d14
 Concen: 58.746 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.08 min
 Lab File: BF119367.D
 Acq: 12 Mar 2020 1:38

Tgt Ion:244 Resp: 562357
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 15.6 8.2 12.2#

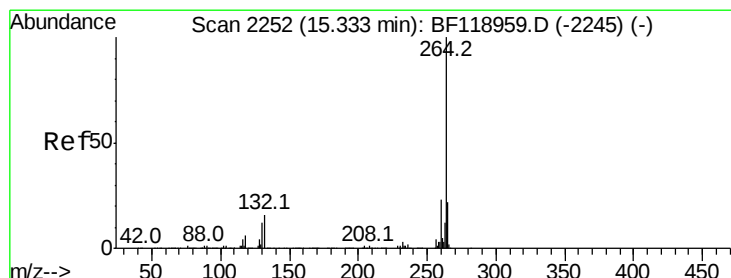
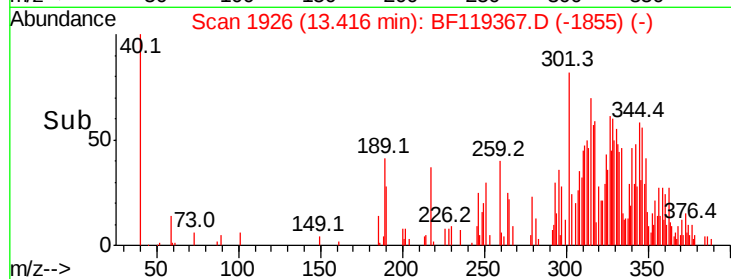
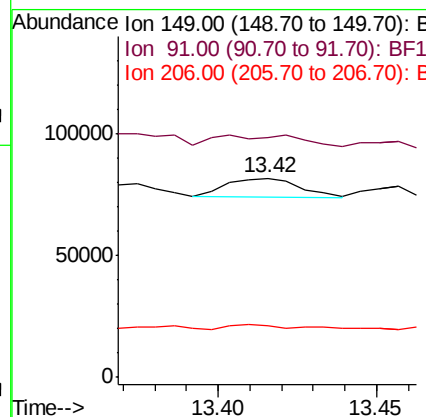
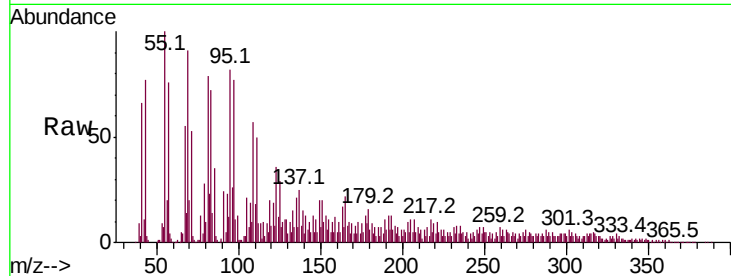




#80
Butylbenzylphthalate
Concen: 2.207 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.12 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 12290
Ion Ratio Lower Upper
149 100
91 120.6 52.3 78.5#
206 25.7 18.5 27.7



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.08 min
Lab File: BF119367.D
Acq: 12 Mar 2020 1:38

Tgt Ion:264 Resp: 207366
Ion Ratio Lower Upper
264 100
260 26.2 19.4 29.2
265 24.5 17.7 26.5

