

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119042.D
 Acq On : 25 Feb 2020 1:25
 Operator : CG/JU
 Sample : L1635-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 03:33:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

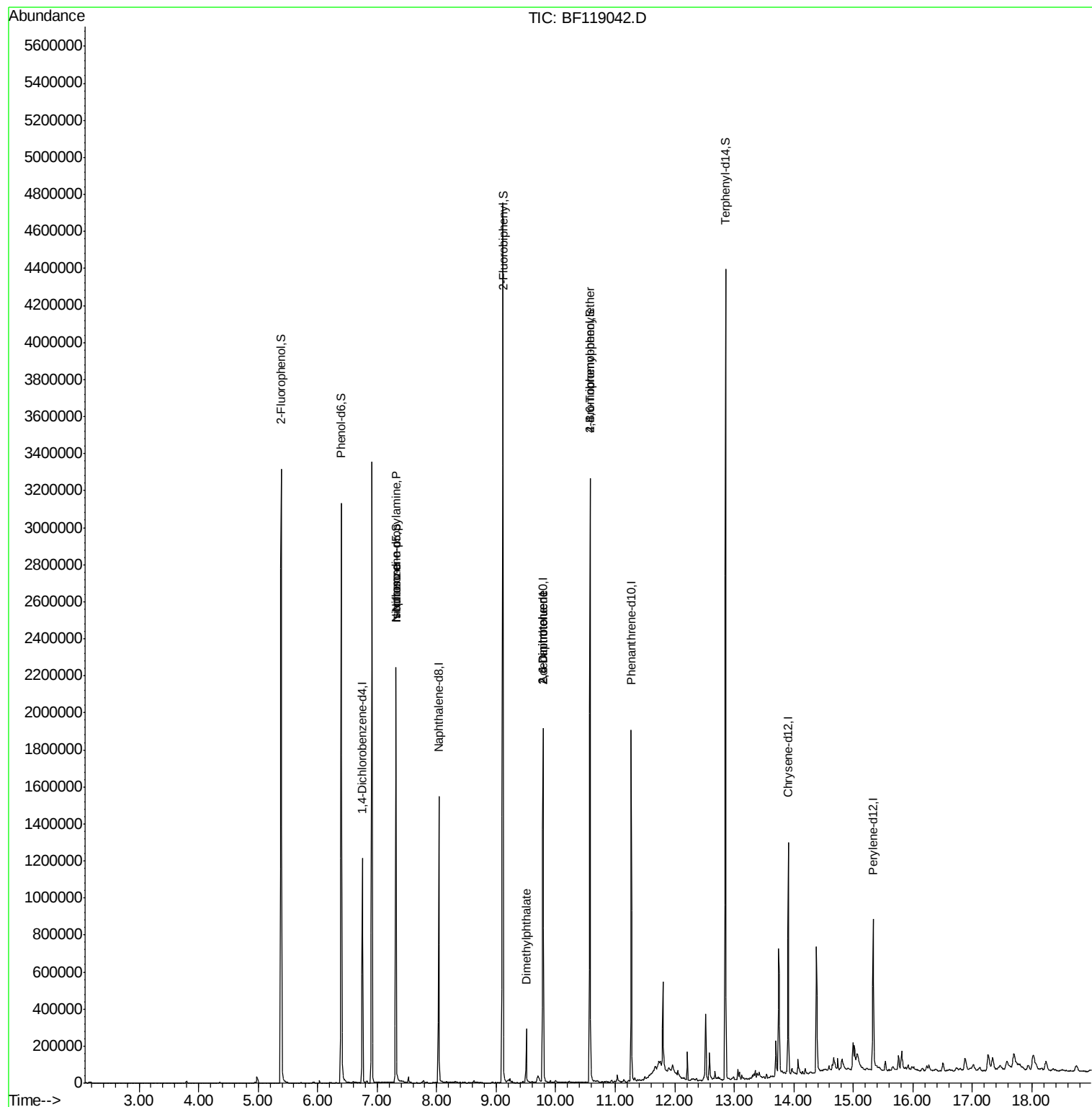
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	182820	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	711539	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	388893	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	684773	20.00	ng	0.00
76) Chrysene-d12	13.90	240	407745	20.00	ng	0.00
87) Perylene-d12	15.33	264	389184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1004418	91.81	ng	0.00
7) Phenol-d6	6.40	99	1220999	91.77	ng	0.00
23) Nitrobenzene-d5	7.32	82	811550	60.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	446769	87.82	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1608876	60.95	ng	-0.01
79) Terphenyl-d14	12.85	244	1636121	69.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	112379	14.496	ng	# 75
25) Isophorone	7.32	82	808927	34.564	ng	# 63
50) Dimethylphthalate	9.50	163	124705	4.193	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	49663	7.517	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	49663	5.799	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	29019	3.242	ng	# 1

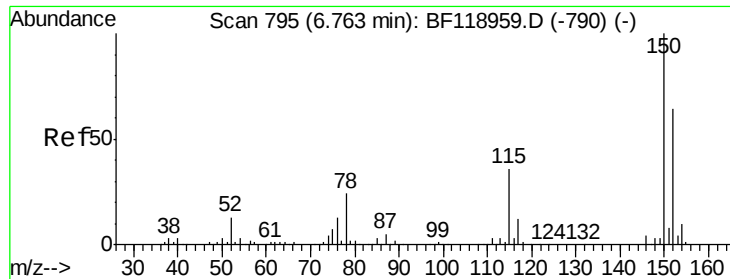
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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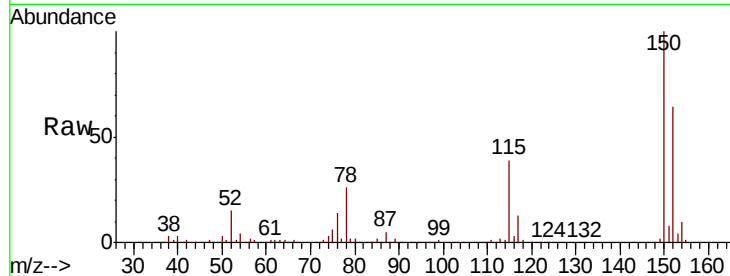


#1

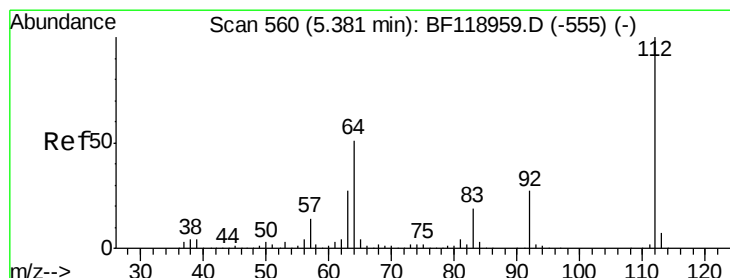
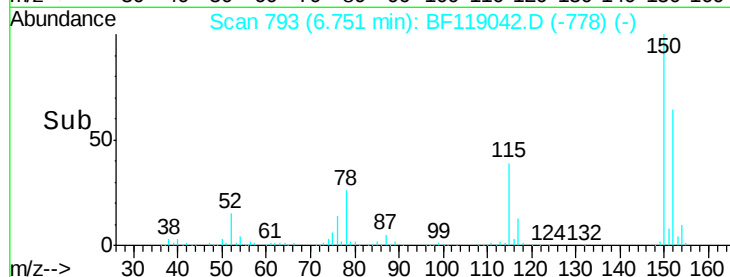
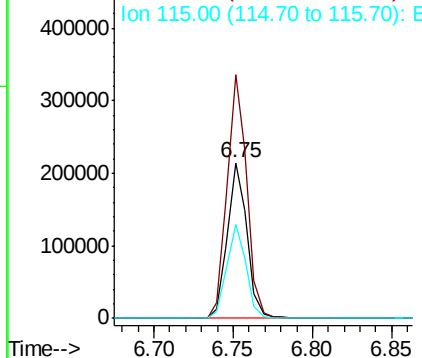
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 182820
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 60.5 44.6 67.0



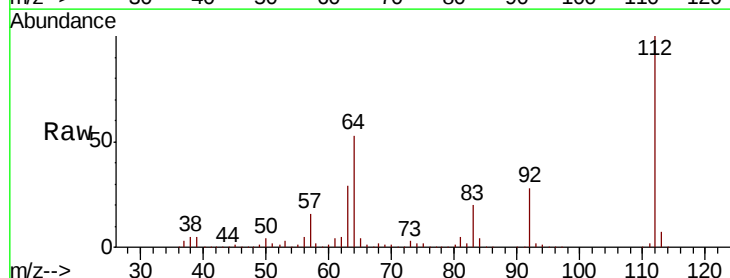
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



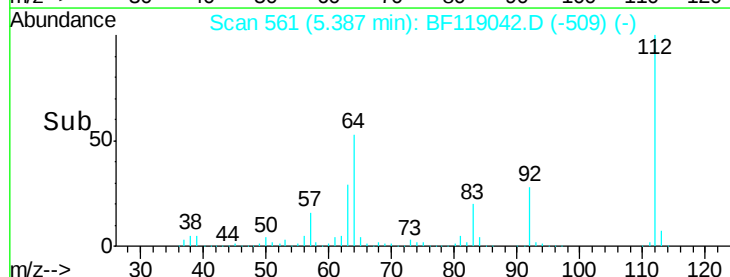
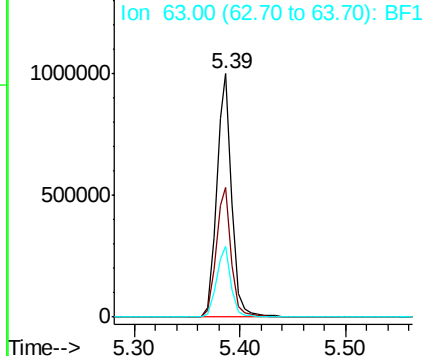
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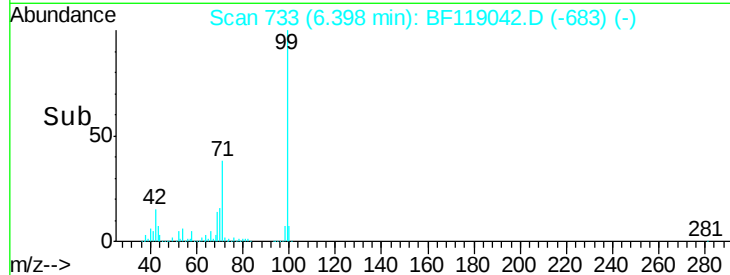
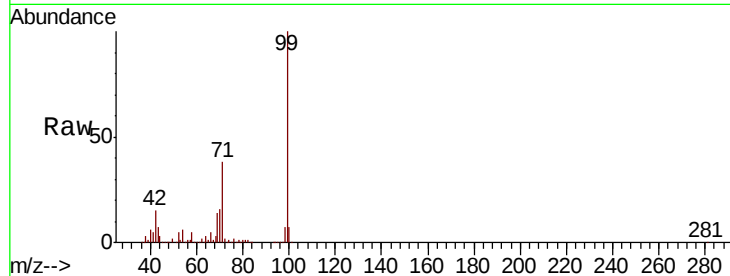
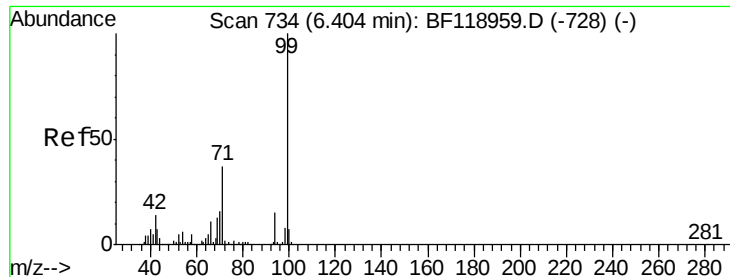
2-Fluorophenol
Concen: 91.815 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

Tgt Ion:112 Resp: 1004418
Ion Ratio Lower Upper
112 100
64 53.0 40.4 60.6
63 28.8 21.3 31.9



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

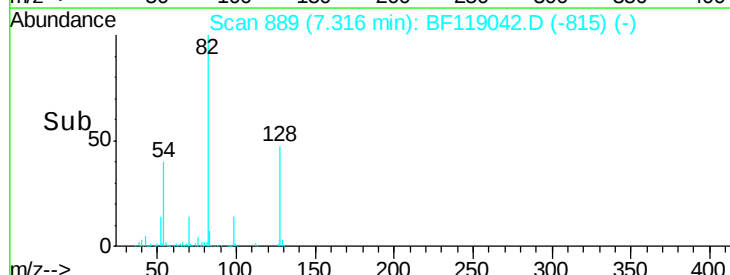
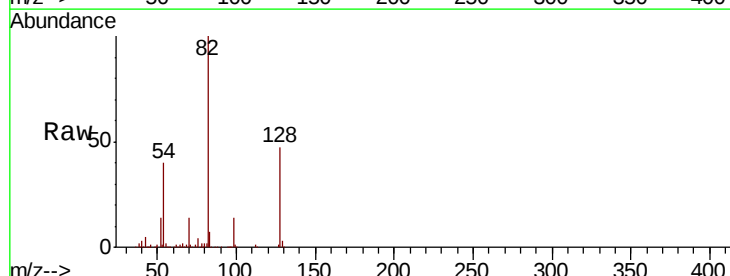
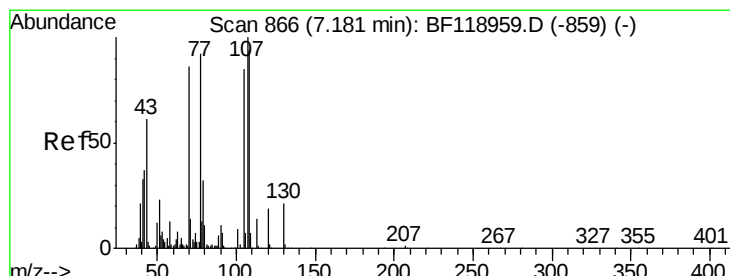
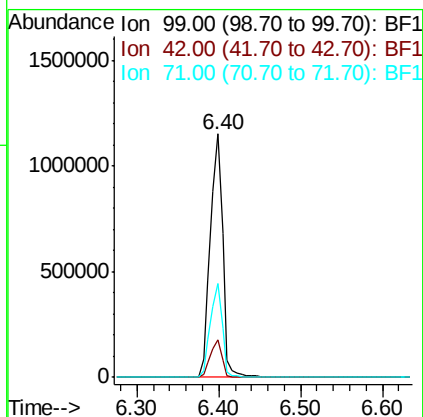




#7
Phenol-d6
Concen: 91.773 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

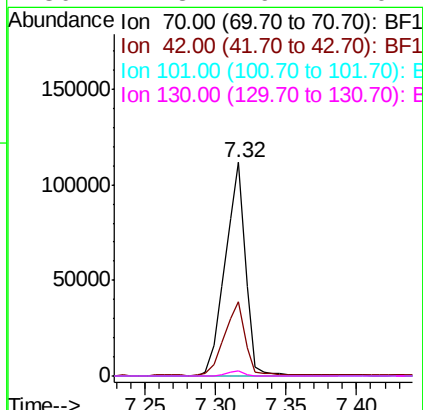
Instrument :
BNA_F
ClientSampled :

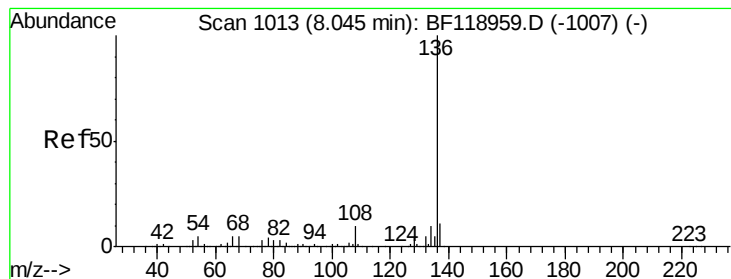
Tot Ion: 99 Resp: 1220999
Ion Ratio Lower Upper
99 100
42 15.3 11.4 17.0
71 38.4 29.8 44.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.496 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

Tgt Ion: 70 Resp: 112379
Ion Ratio Lower Upper
70 100
42 34.9 34.6 51.8
101 0.0 8.1 12.1#
130 2.3 19.4 29.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 711539

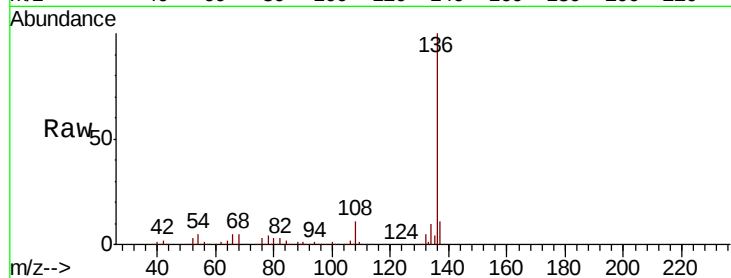
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.9 3.8 5.6

68 5.2 4.2 6.2

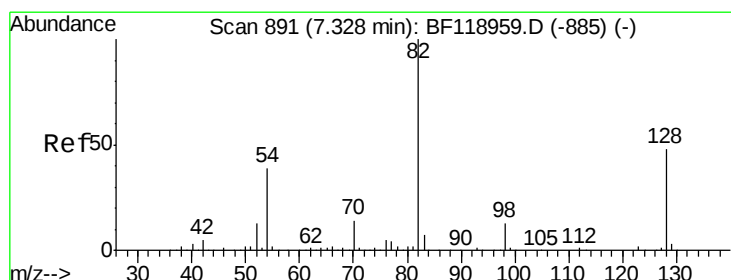
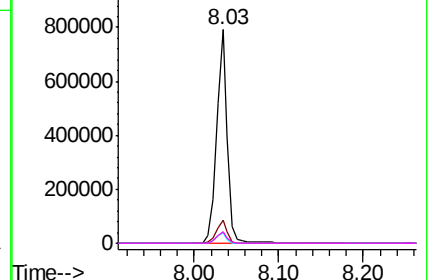
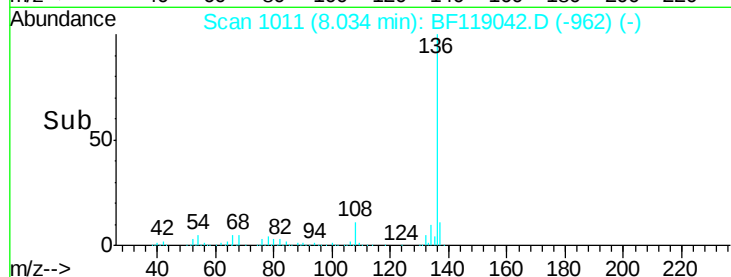


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.221 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

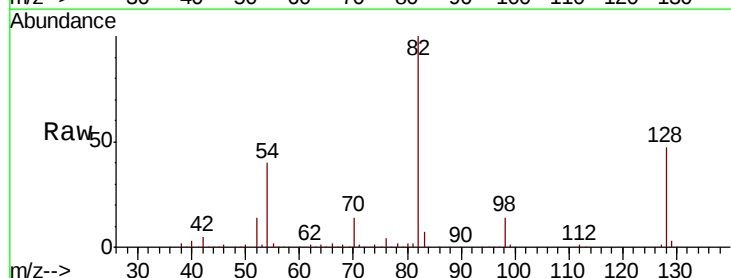
Tgt Ion: 82 Resp: 811550

Ion Ratio Lower Upper

82 100

128 47.4 38.2 57.2

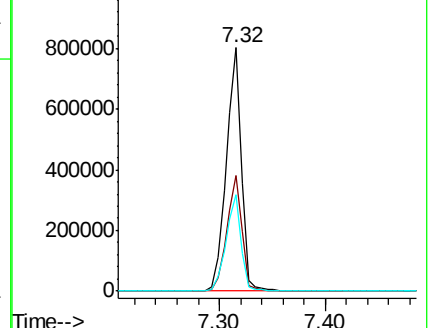
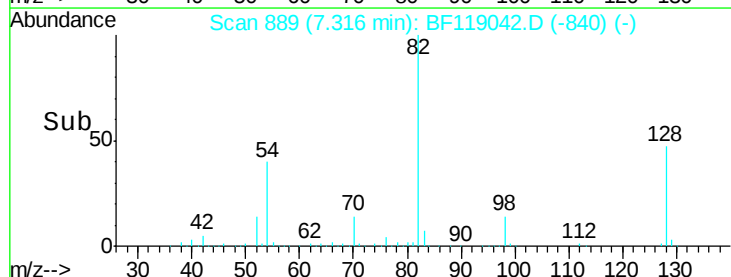
54 39.6 31.3 46.9

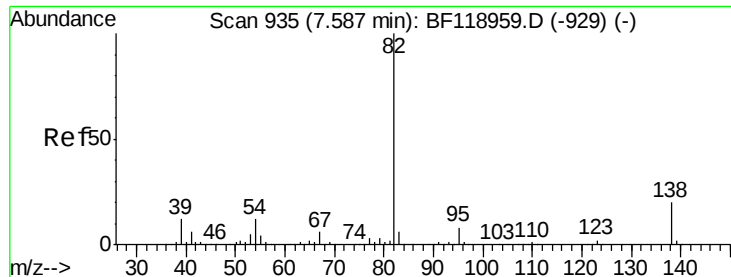


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.564 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

Instrument :

BNA_F

ClientSampleId :

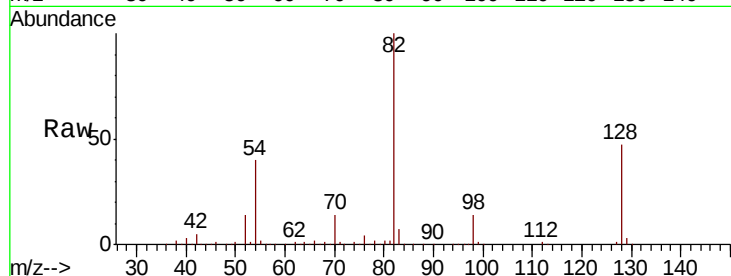
Tot Ion: 82 Resp: 808927

Ion Ratio Lower Upper

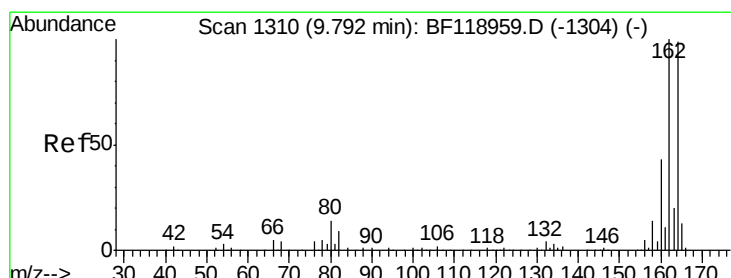
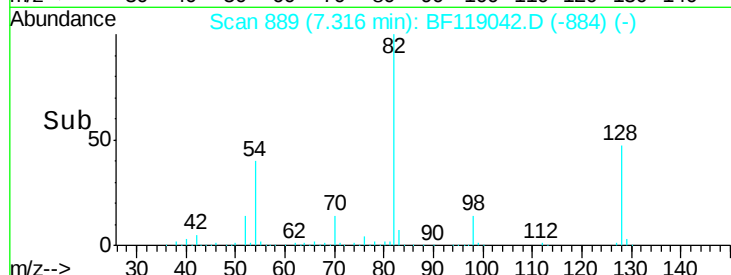
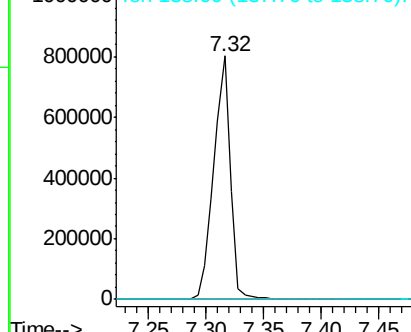
82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

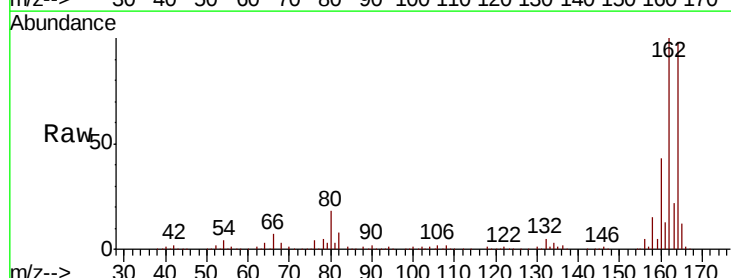
Tgt Ion: 164 Resp: 388893

Ion Ratio Lower Upper

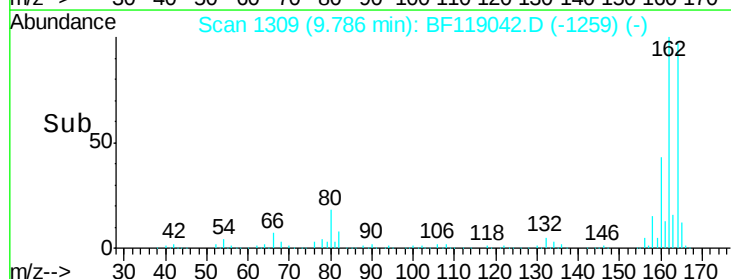
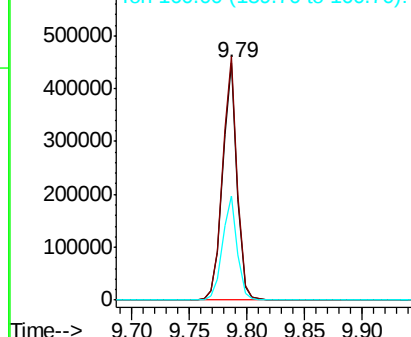
164 100

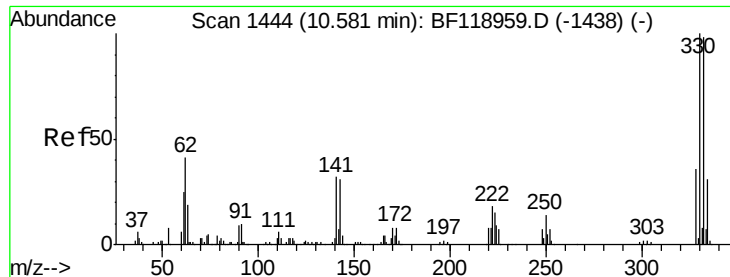
162 102.4 81.2 121.8

160 43.7 35.2 52.8



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

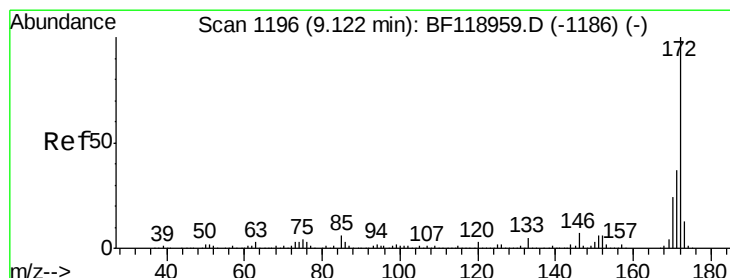
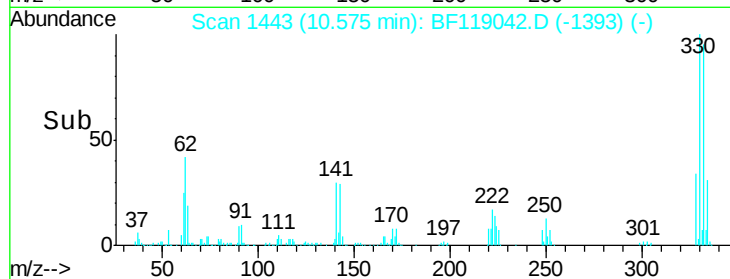
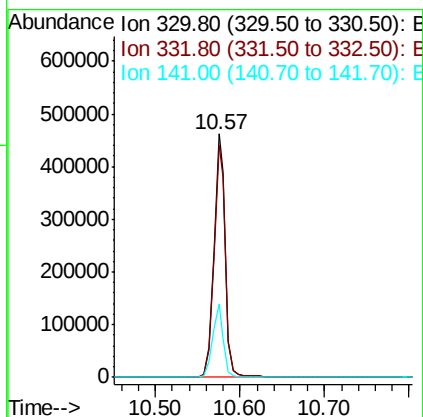
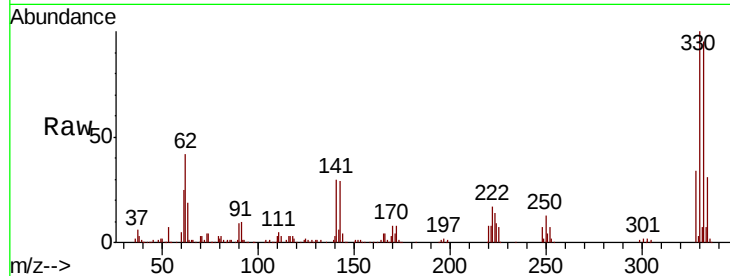




#42
 2,4,6-Tribromophenol
 Concen: 87.819 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119042.D
 Acq: 25 Feb 2020 1:25

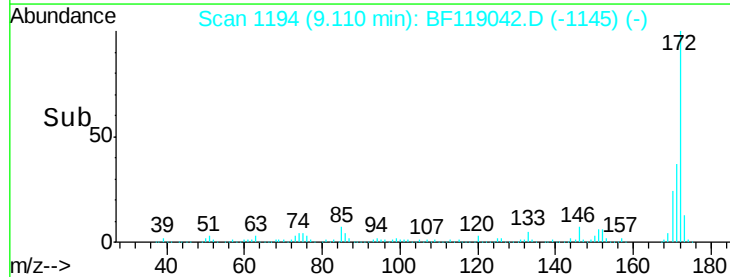
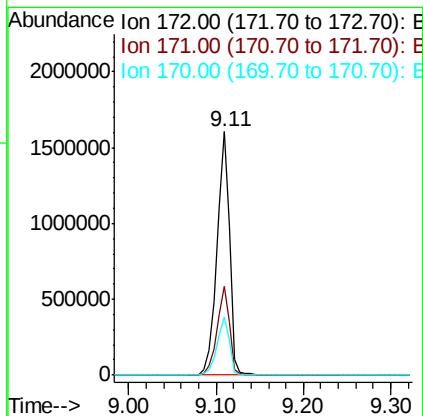
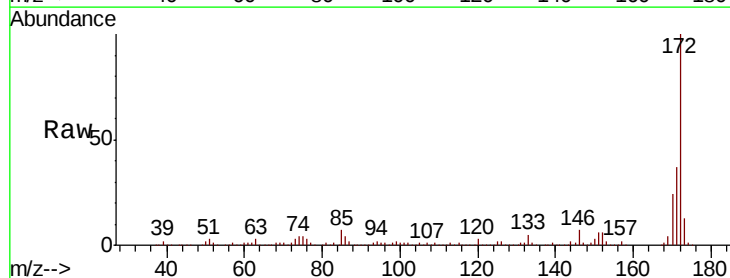
Instrument :
 BNA_F
 ClientSampleId :

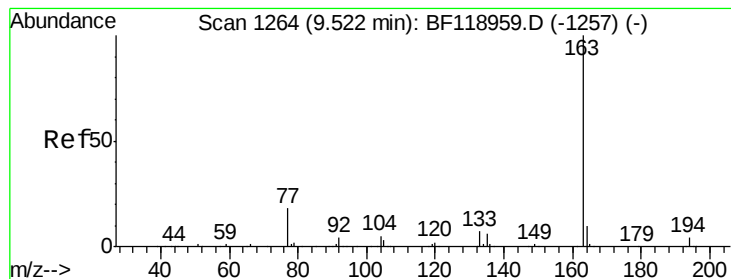
Tot Ion:330 Resp: 446769
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 28.2 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 60.946 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119042.D
 Acq: 25 Feb 2020 1:25

Tgt Ion:172 Resp: 1608876
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 23.8 19.6 29.4





#50

Dimethylphthalate

Concen: 4.193 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

Instrument :

BNA_F

ClientSampleId :

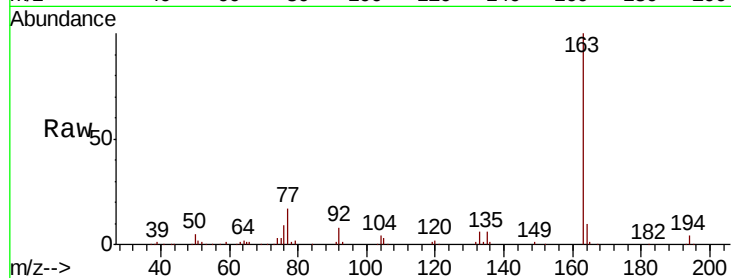
Tot Ion:163 Resp: 124705

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

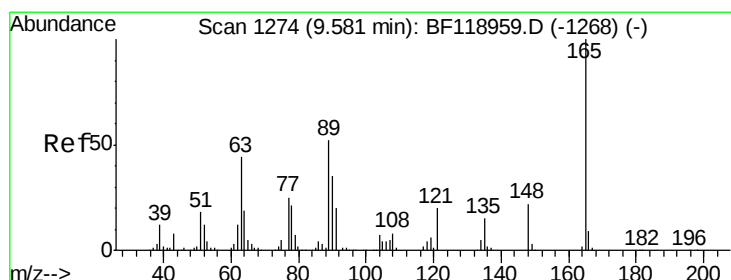
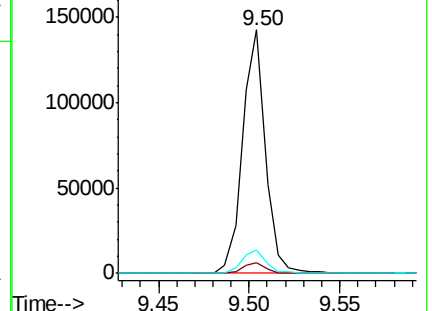
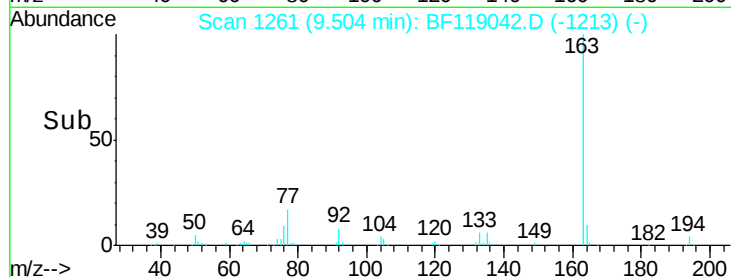
164 9.8 8.2 12.2



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: 7.517 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

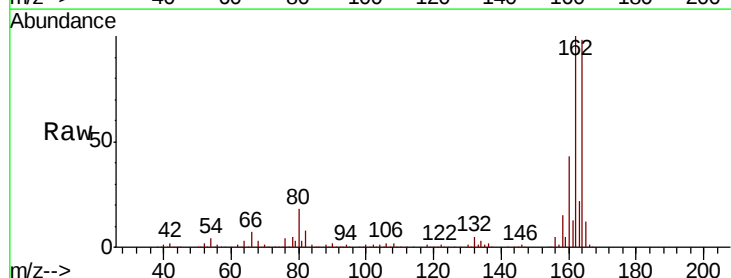
Tgt Ion:165 Resp: 49663

Ion Ratio Lower Upper

165 100

63 1.4 37.9 56.9#

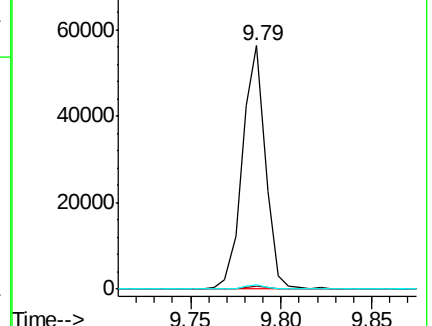
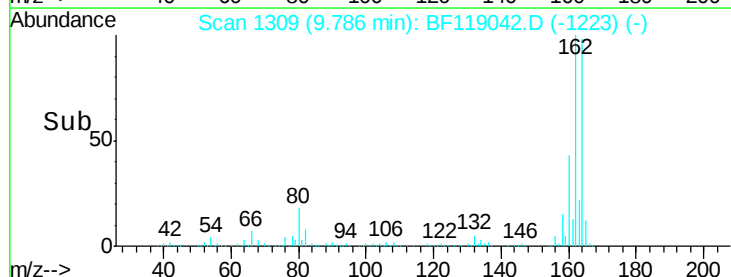
89 1.7 41.4 62.0#

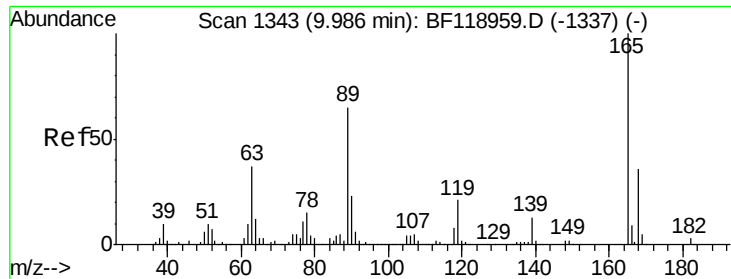


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

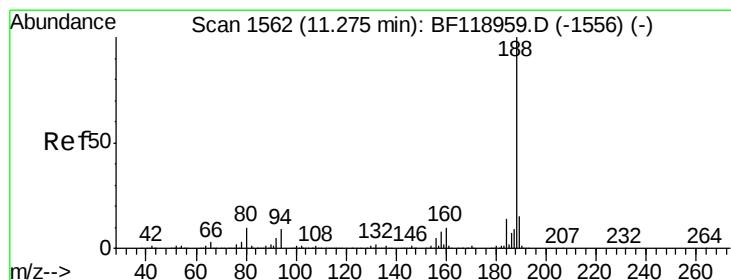
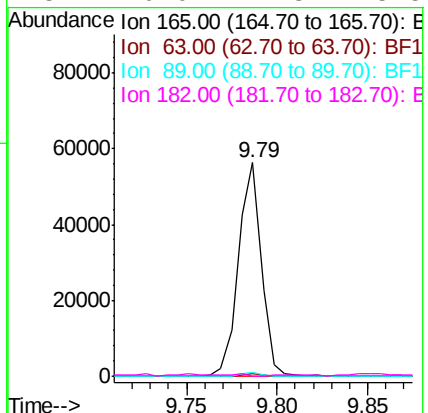
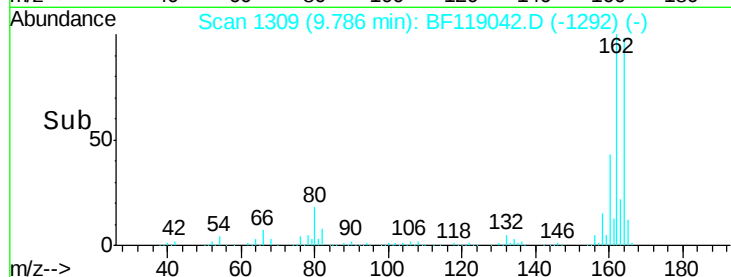
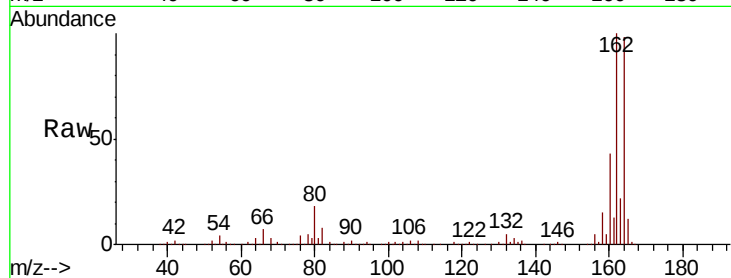




#57
 2,4-Dinitrotoluene
 Concen: 5.799 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119042.D
 Acq: 25 Feb 2020 1:25

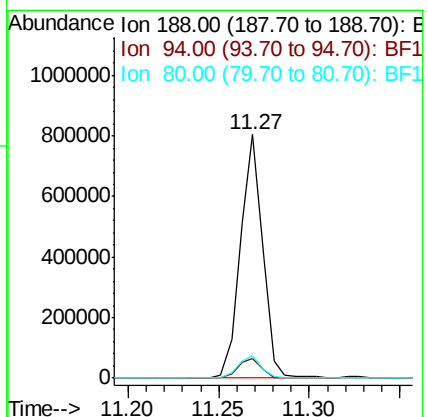
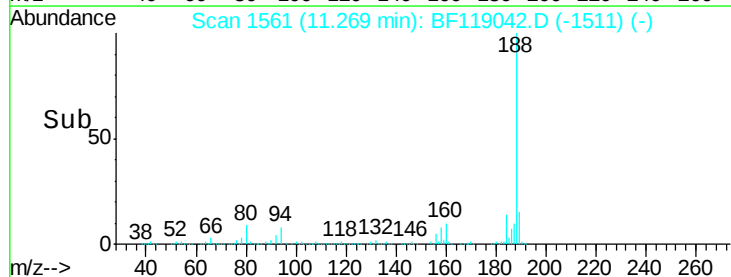
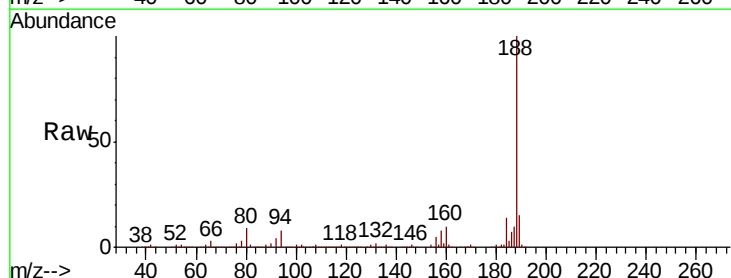
Instrument :
 BNA_F
 ClientSampleId :

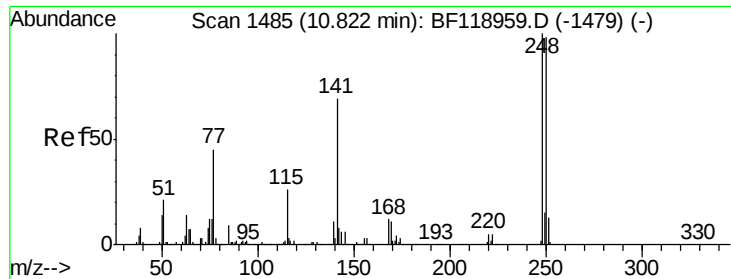
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.8#
89	1.7	51.9	77.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119042.D
 Acq: 25 Feb 2020 1:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.1	7.9	11.9

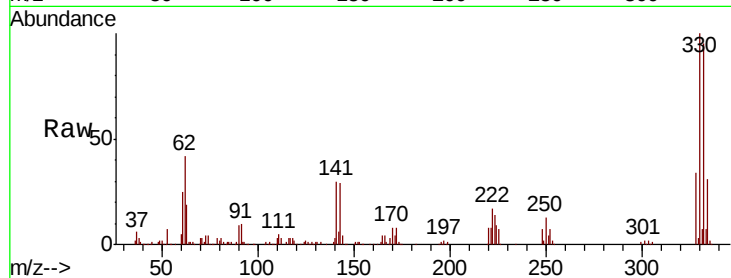




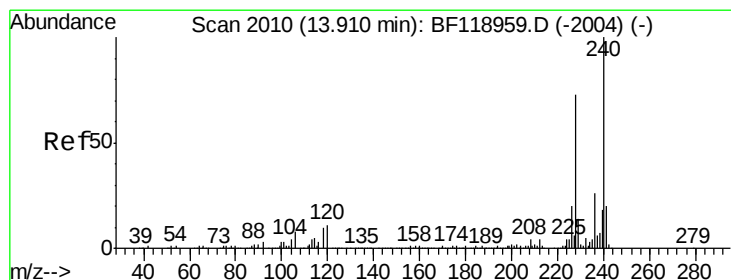
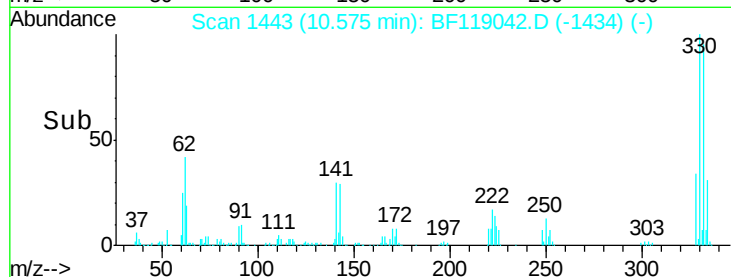
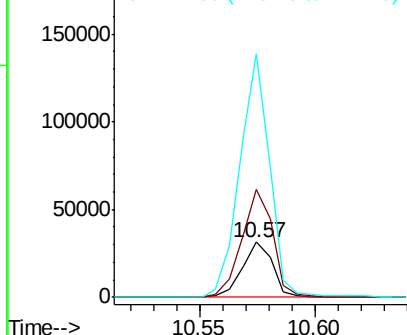
#67
4-Bromophenyl-phenylether
Concen: 3.242 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29019
Ion Ratio Lower Upper
248 100
250 194.7 78.8 118.2#
141 441.0 55.3 82.9#

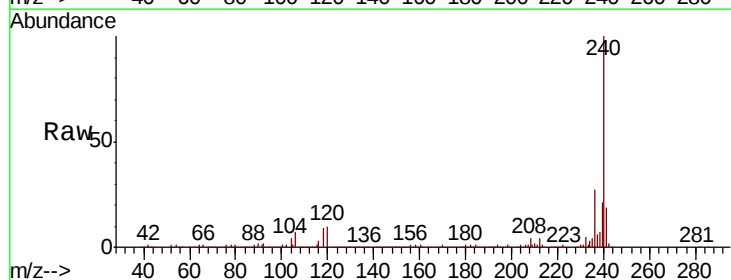


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

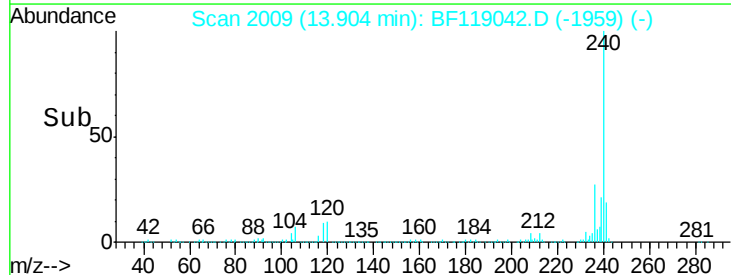
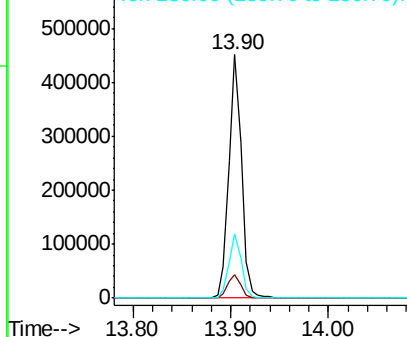


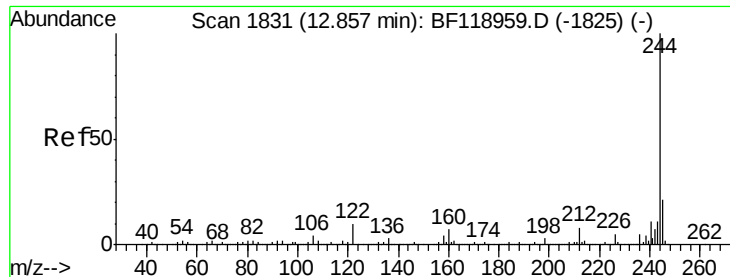
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119042.D
Acq: 25 Feb 2020 1:25

Tgt Ion:240 Resp: 407745
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.5 20.6 30.8



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: 69.084 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

Instrument :

BNA_F

ClientSampleId :

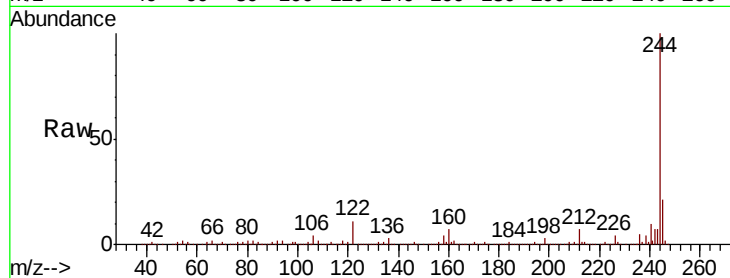
Tot Ion:244 Resp: 1636121

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

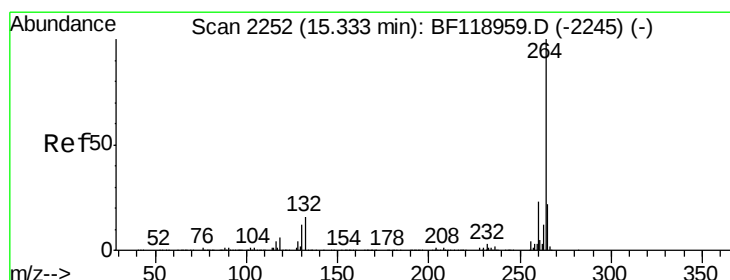
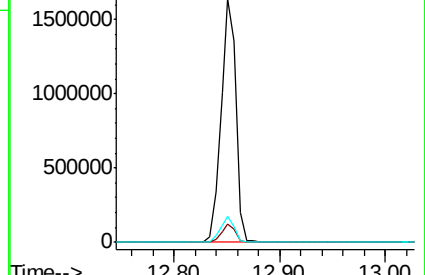
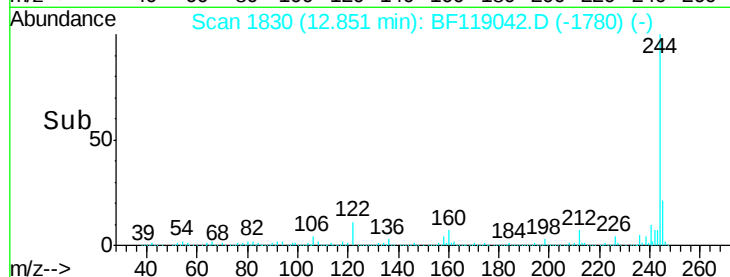
122 10.6 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BF119042.D

Acq: 25 Feb 2020 1:25

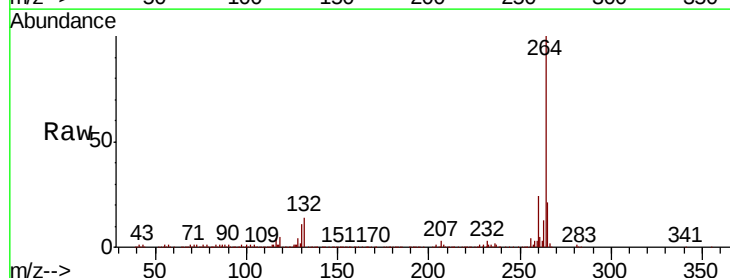
Tgt Ion:264 Resp: 389184

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.2 17.3 25.9



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

