

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119006.D
 Acq On : 21 Feb 2020 21:44
 Operator : CG/JU
 Sample : L1603-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:22:42 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

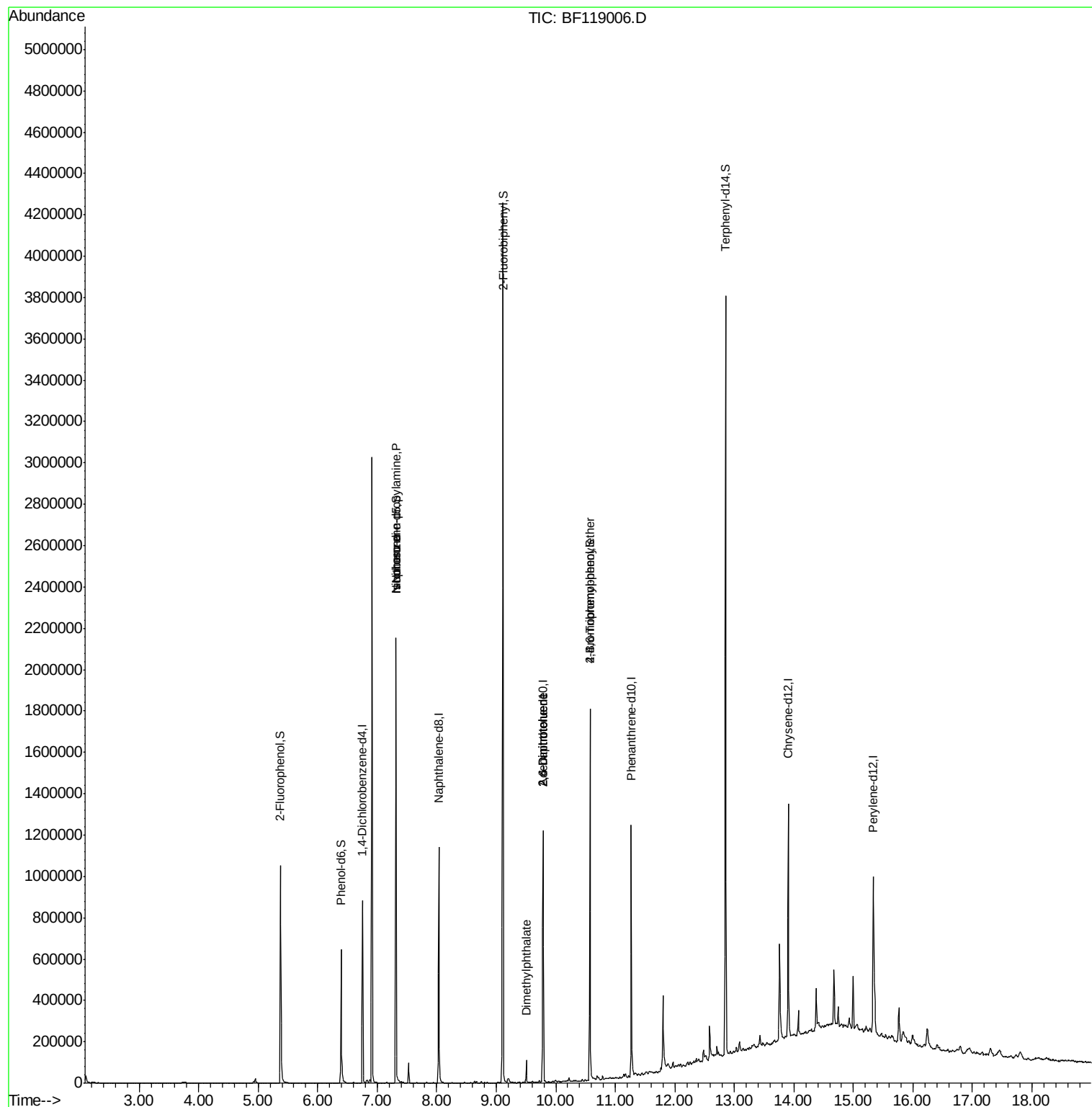
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	147860	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	513932	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	242540	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	409505	20.00	ng	0.00
76) Chrysene-d12	13.90	240	370658	20.00	ng	0.00
87) Perylene-d12	15.33	264	350157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	332651	37.60	ng	0.00
7) Phenol-d6	6.39	99	233500	21.70	ng	-0.01
23) Nitrobenzene-d5	7.32	82	744424	76.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	233657	73.64	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1357939	82.48	ng	-0.01
79) Terphenyl-d14	12.86	244	1485473	69.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	101924	16.256	ng	# 76
25) Isophorone	7.32	82	744415	44.037	ng	# 63
50) Dimethylphthalate	9.50	163	42841	2.310	ng	98
51) 2,6-Dinitrotoluene	9.79	165	31499	7.644	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	31499	5.898	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	14825	2.770	ng	# 1

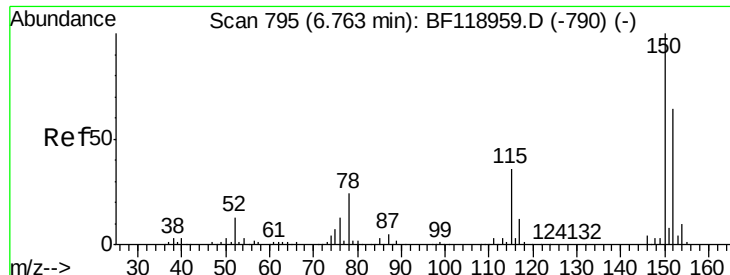
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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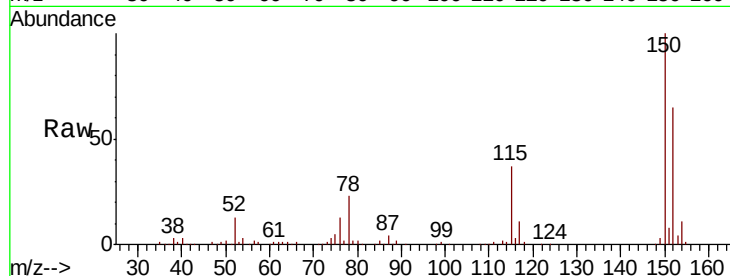


#1

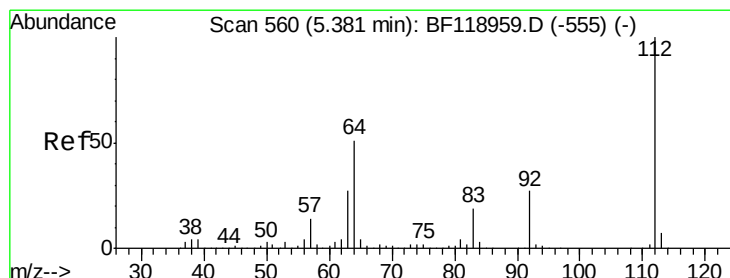
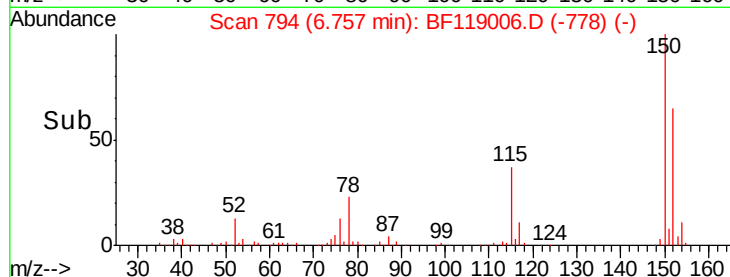
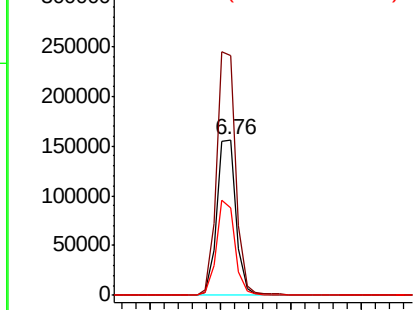
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119006.D
 Acq: 21 Feb 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	56.5	44.6	67.0



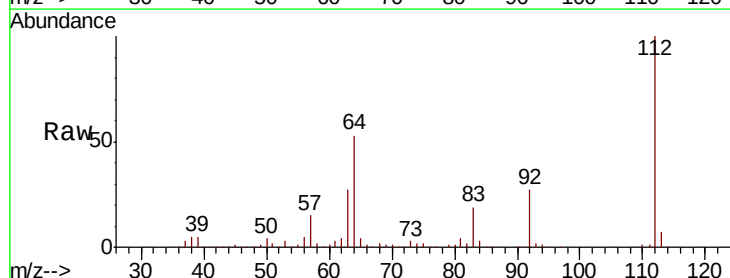
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



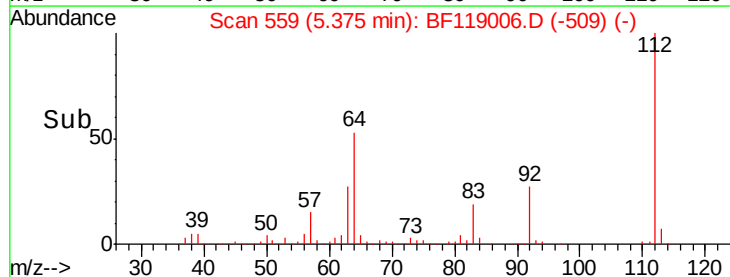
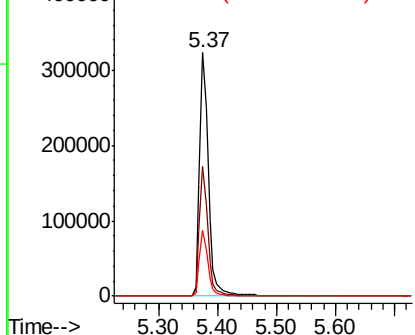
#5

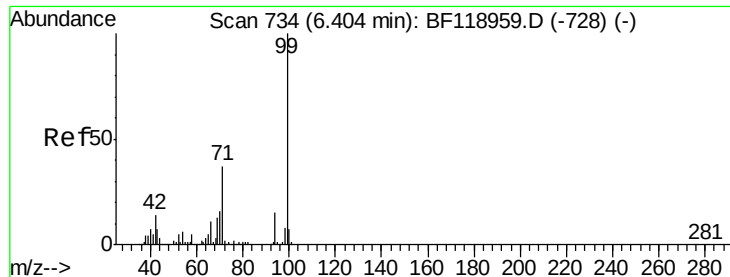
2-Fluorophenol
 Concen: 37.598 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF119006.D
 Acq: 21 Feb 2020 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	40.4	60.6
63	27.2	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: 21.700 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

Instrument :

BNA_F

ClientSampleId :

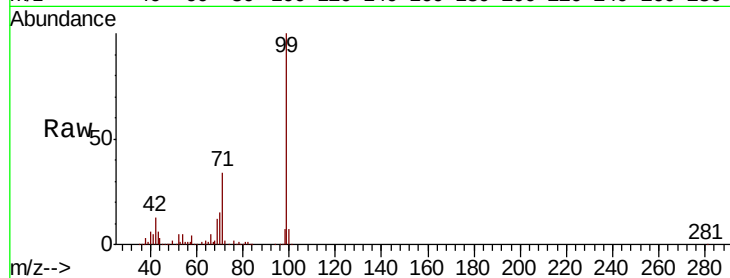
Tot Ion: 99 Resp: 233500

Ion Ratio Lower Upper

99 100

42 12.8 11.4 17.0

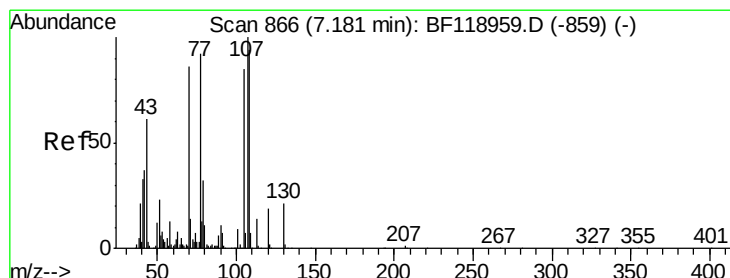
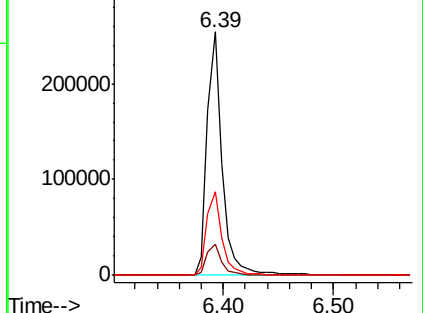
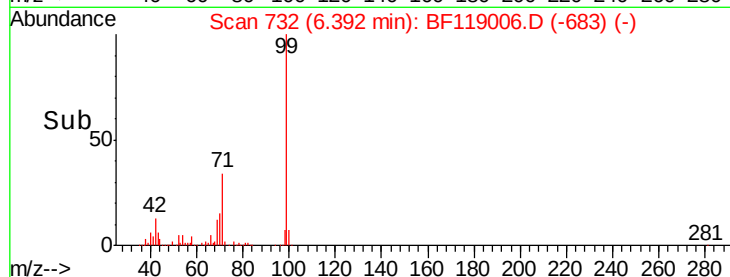
71 34.2 29.8 44.6



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: 16.256 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

Tgt Ion: 70 Resp: 101924

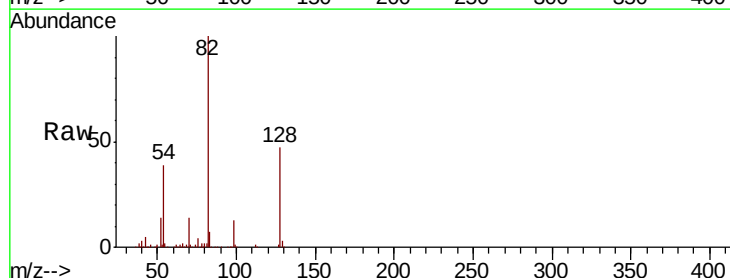
Ion Ratio Lower Upper

70 100

42 35.4 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

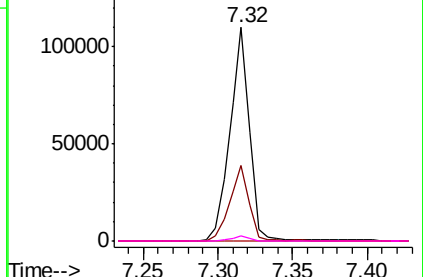
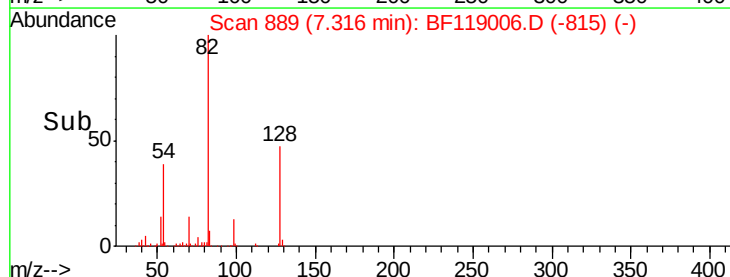


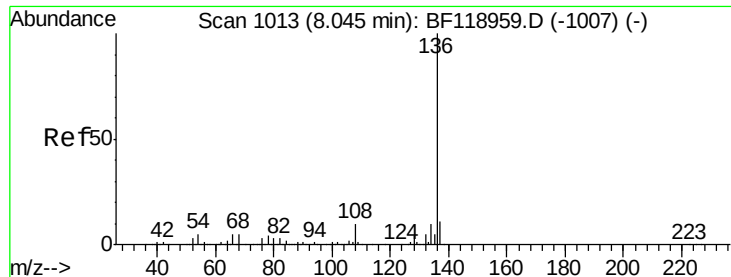
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 513932

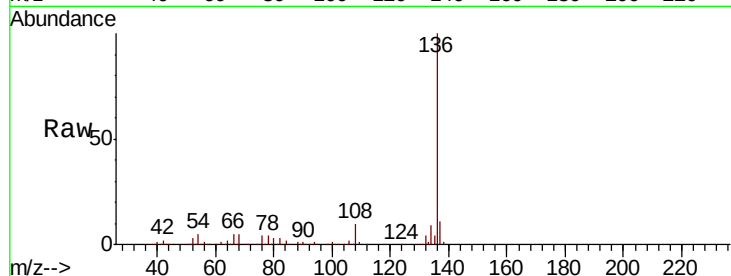
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.0 3.8 5.6

68 5.5 4.2 6.2

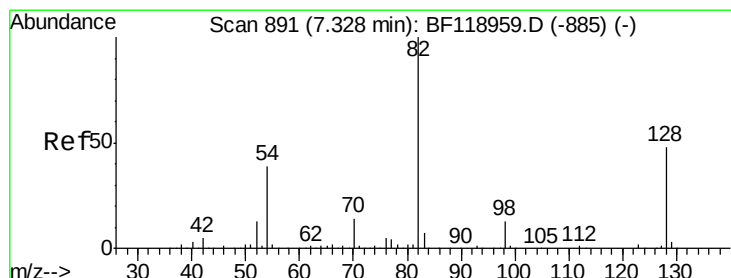
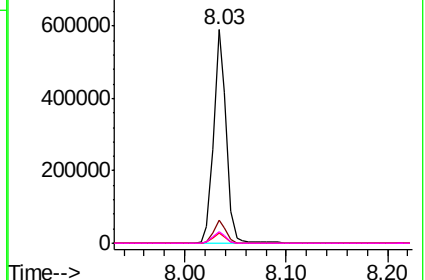
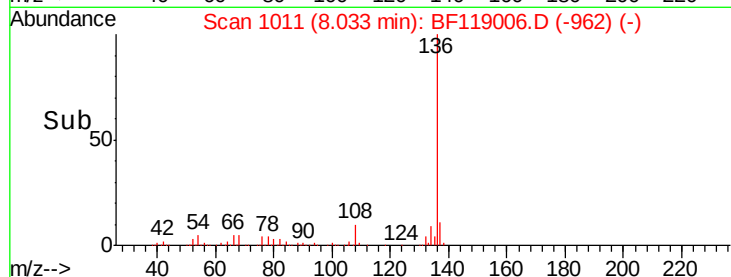


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.480 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

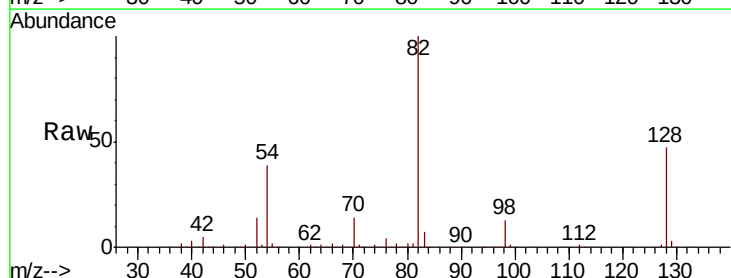
Tgt Ion: 82 Resp: 744424

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.2

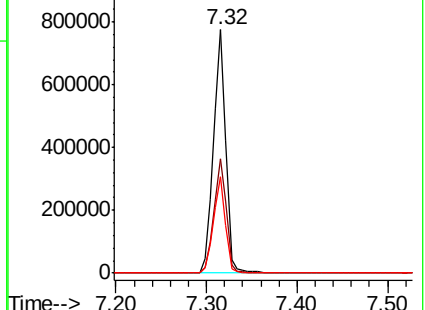
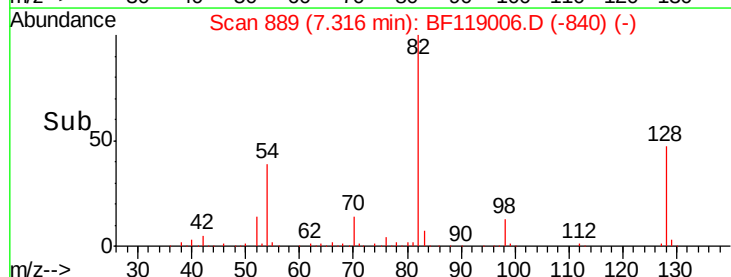
54 39.4 31.3 46.9

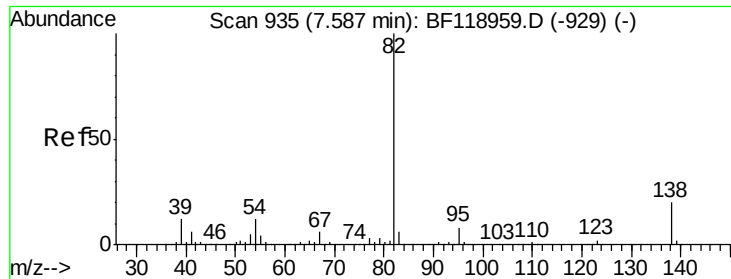


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

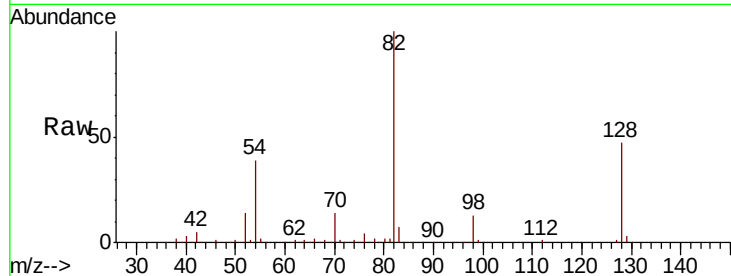




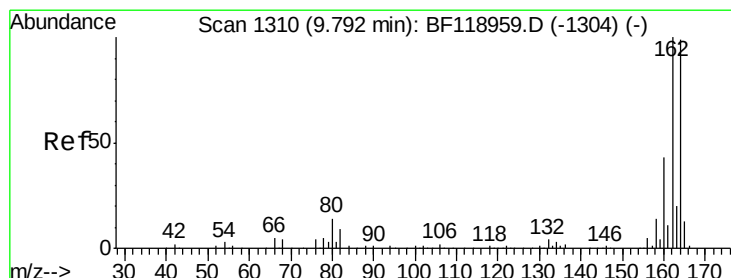
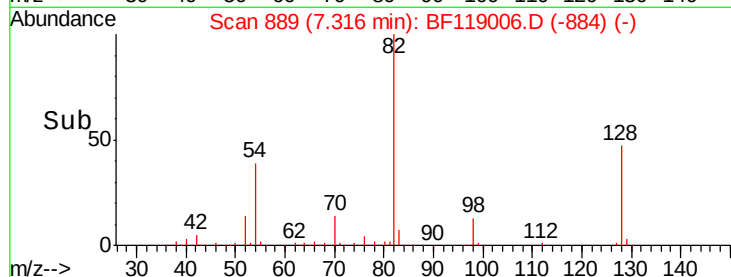
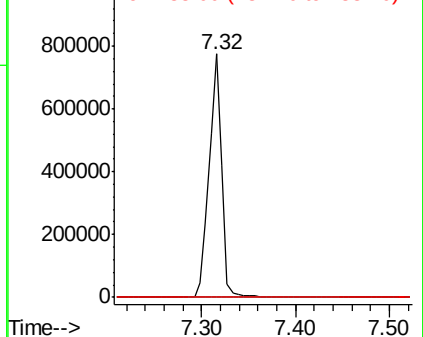
#25
Isophorone
Concen: 44.037 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 744415
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#

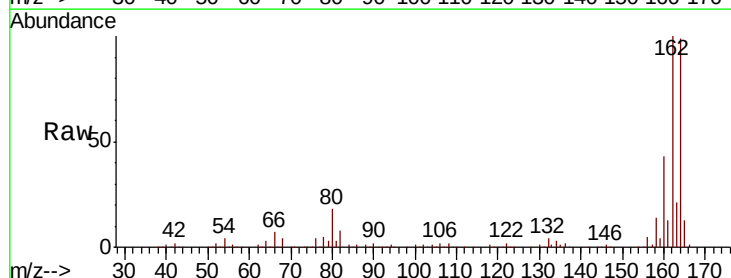


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

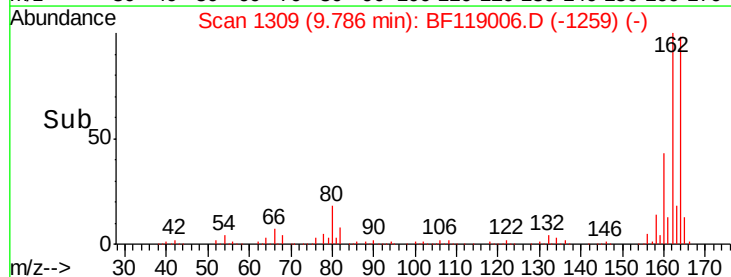
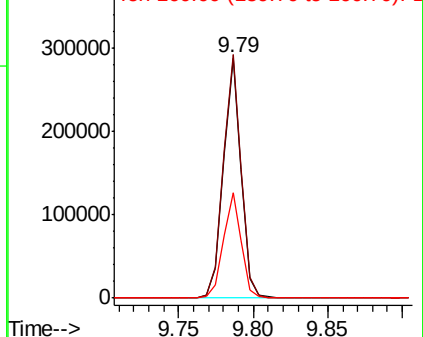


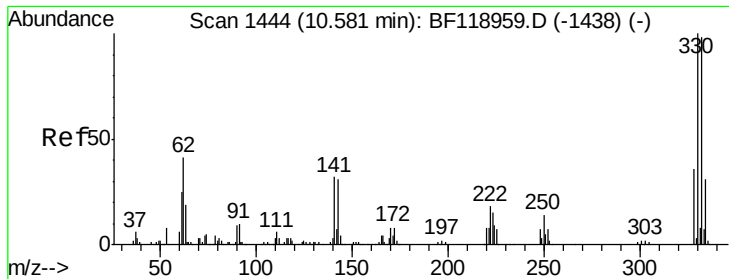
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Tgt Ion:164 Resp: 242540
Ion Ratio Lower Upper
164 100
162 101.4 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: 73.643 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119006.D

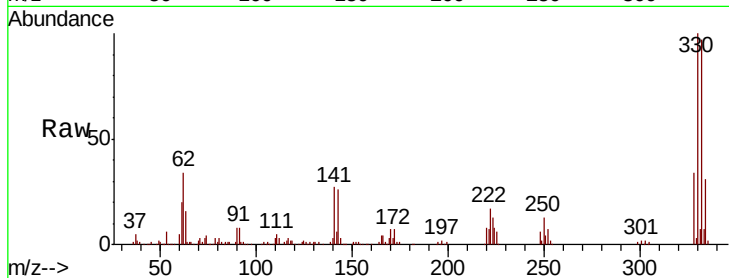
Acq: 21 Feb 2020 21:44

Instrument :

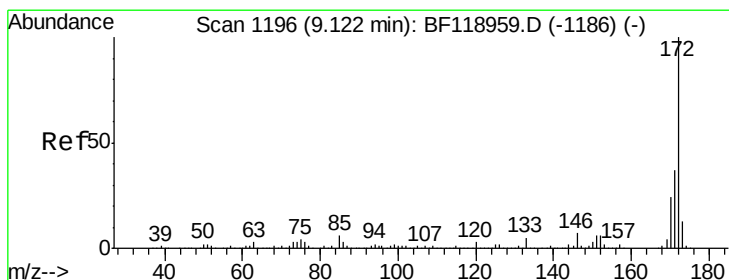
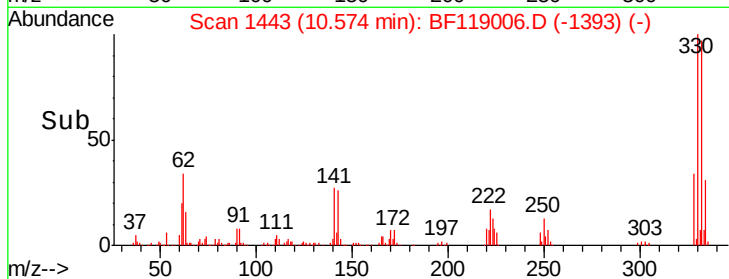
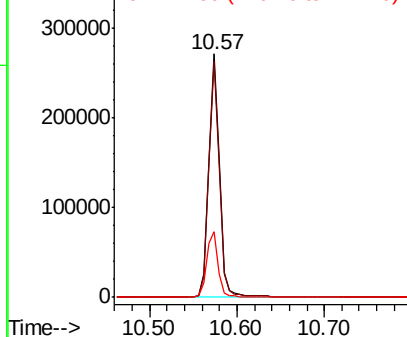
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	233657
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.4	23.0	34.6



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: 82.480 ng

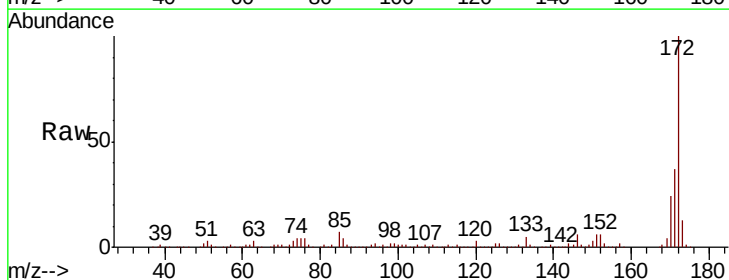
RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

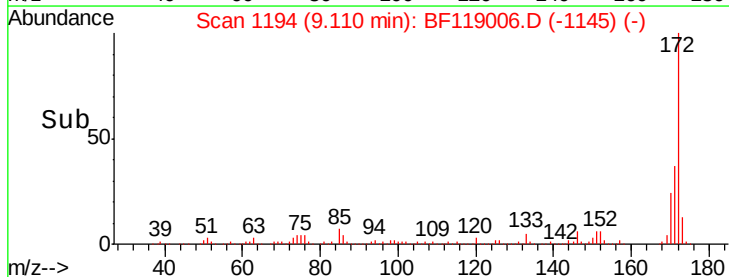
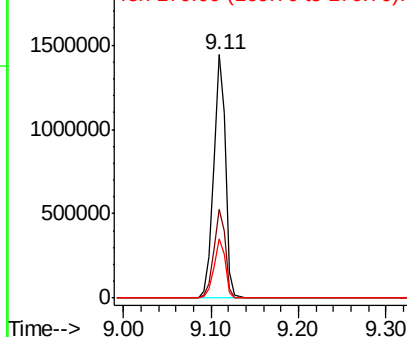
Lab File: BF119006.D

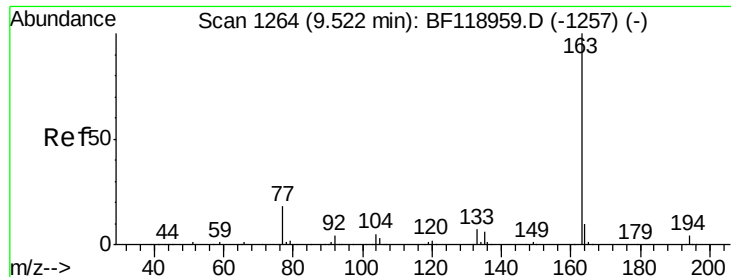
Acq: 21 Feb 2020 21:44

Tgt Ion:	172	Resp:	1357939
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.2	19.6	29.4



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

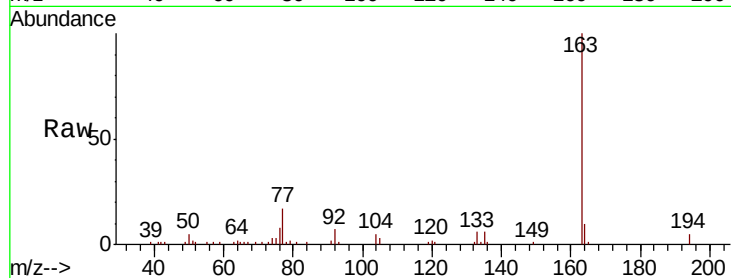




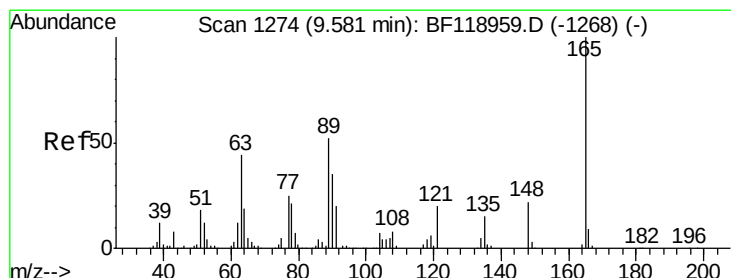
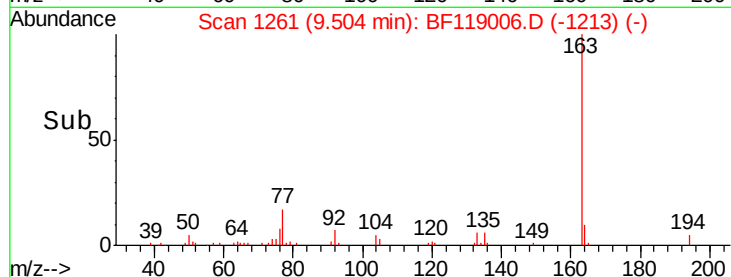
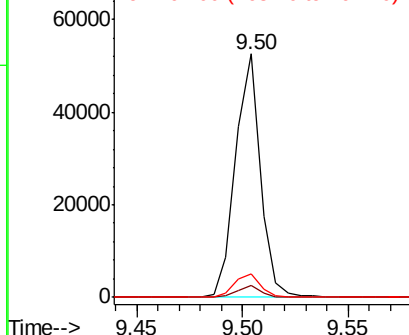
#50
Dimethylphthalate
Concen: 2.310 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 42841
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.6 8.2 12.2

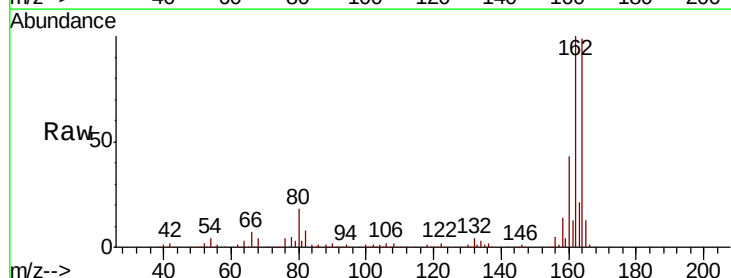


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

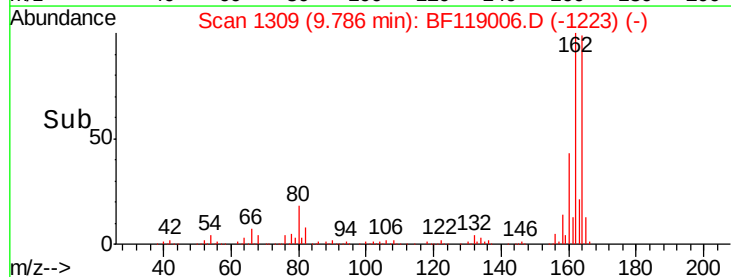
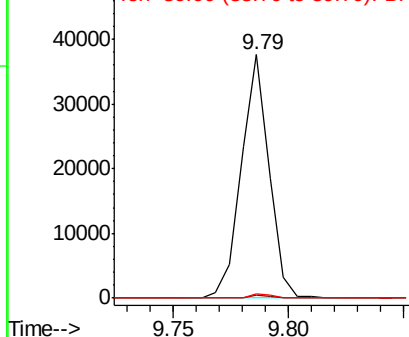


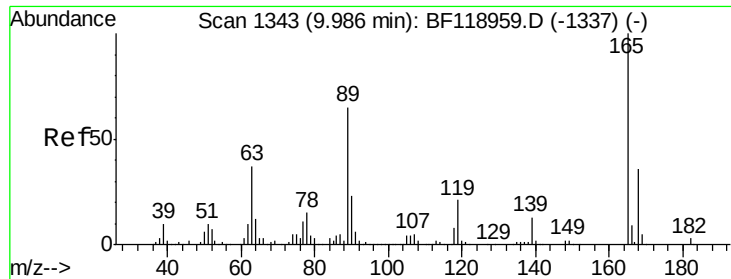
#51
2,6-Dinitrotoluene
Concen: 7.644 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Tgt Ion:165 Resp: 31499
Ion Ratio Lower Upper
165 100
63 1.1 37.9 56.9#
89 1.5 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: 5.898 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 31499

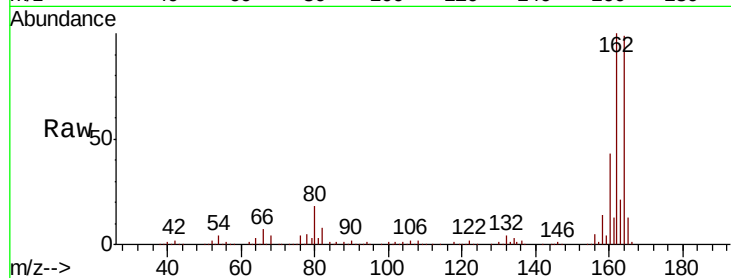
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.8#

89 1.5 51.9 77.9#

182 0.0 2.3 3.5#

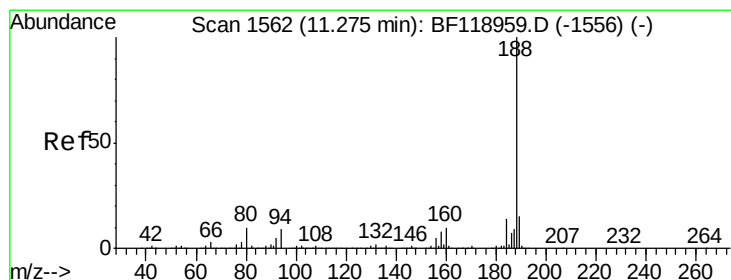
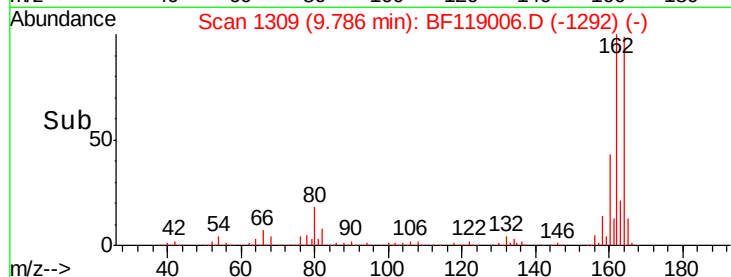
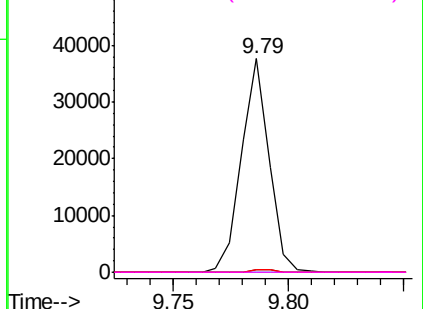


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119006.D

Acq: 21 Feb 2020 21:44

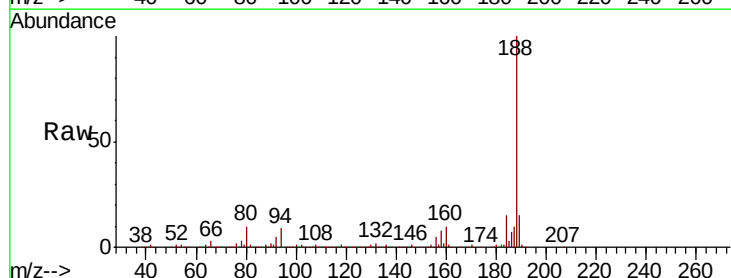
Tgt Ion:188 Resp: 409505

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

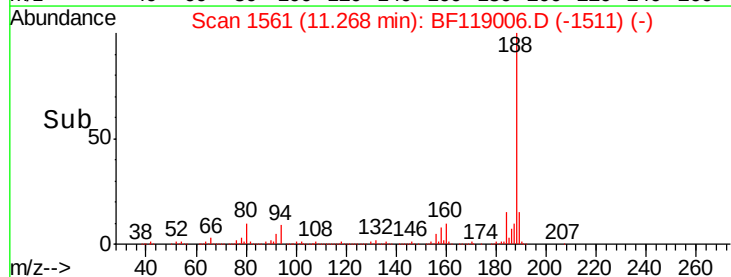
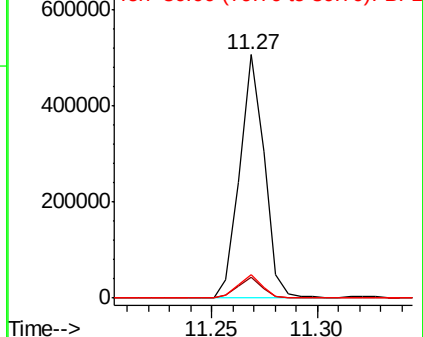
80 9.7 7.9 11.9

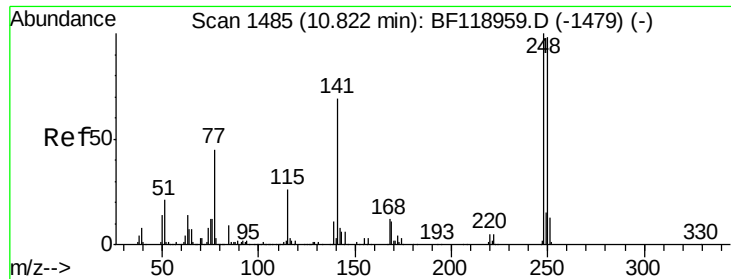


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

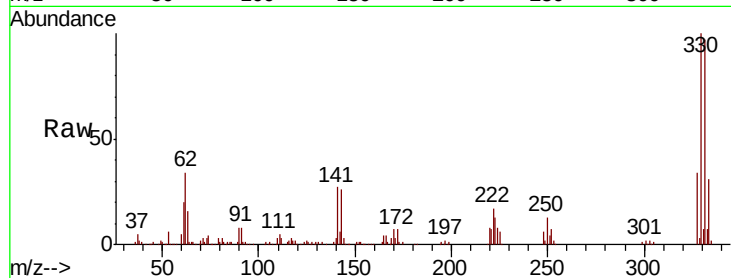




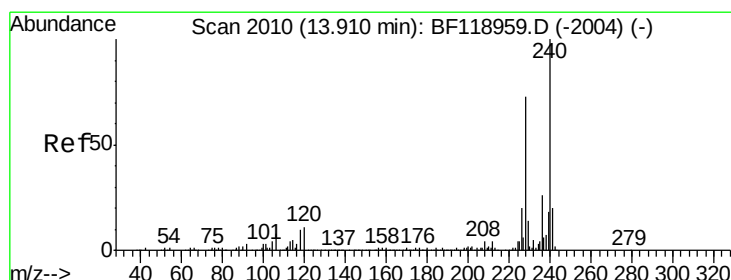
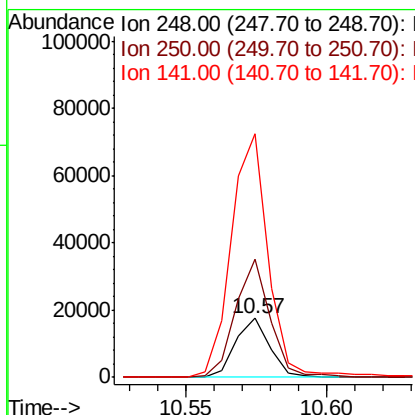
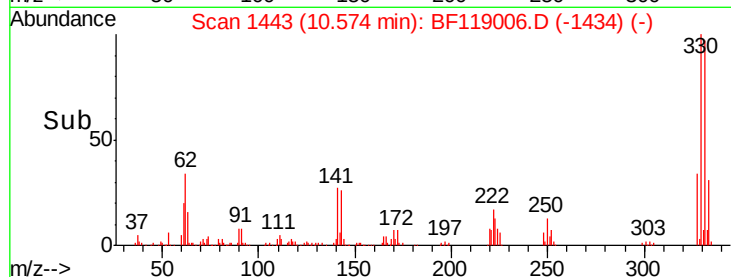
#67
4-Bromophenyl-phenylether
Concen: 2.770 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14825
Ion Ratio Lower Upper
248 100
250 199.0 78.8 118.2#
141 411.8 55.3 82.9#

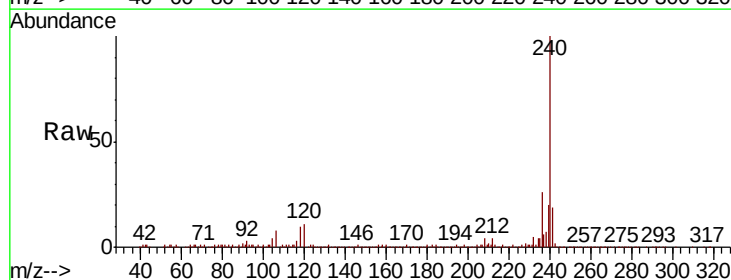


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

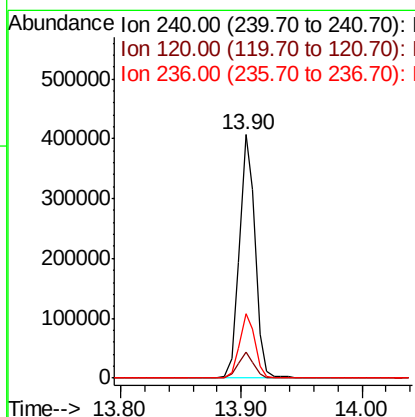
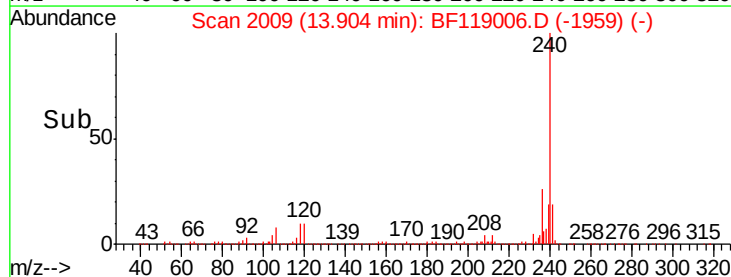


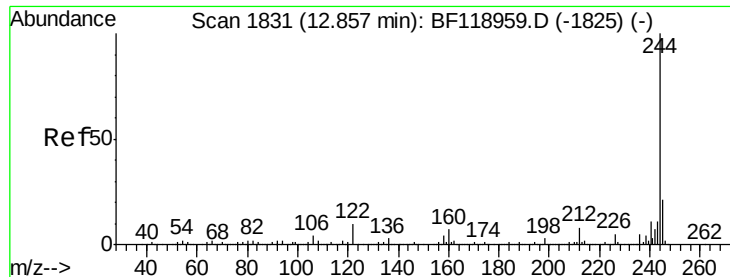
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119006.D
Acq: 21 Feb 2020 21:44

Tgt Ion:240 Resp: 370658
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 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



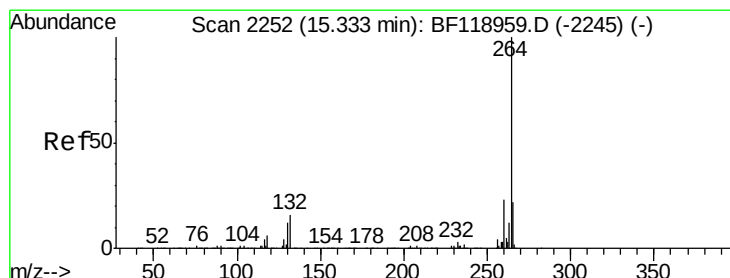
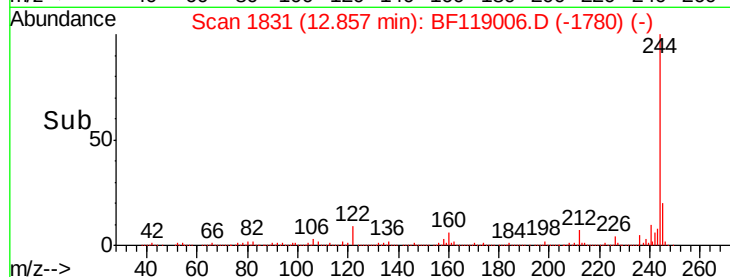
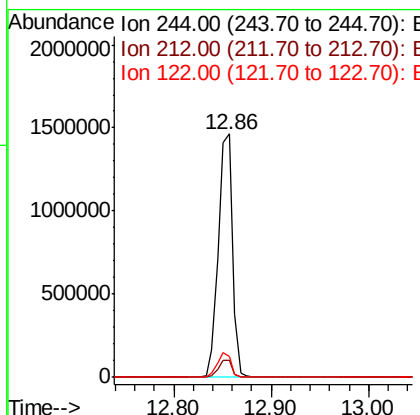
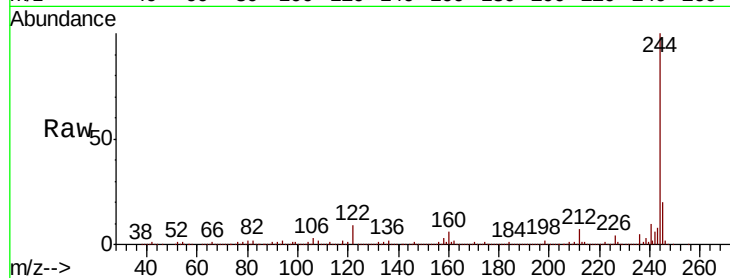


#79
 Terphenyl-d14
 Concen: 68.999 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119006.D
 Acq: 21 Feb 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1485473

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	8.8	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119006.D
 Acq: 21 Feb 2020 21:44

Tgt Ion:264 Resp: 350157

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.3	17.3	25.9

