

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119043.D
 Acq On : 25 Feb 2020 1:54
 Operator : CG/JU
 Sample : L1635-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 03:33:14 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

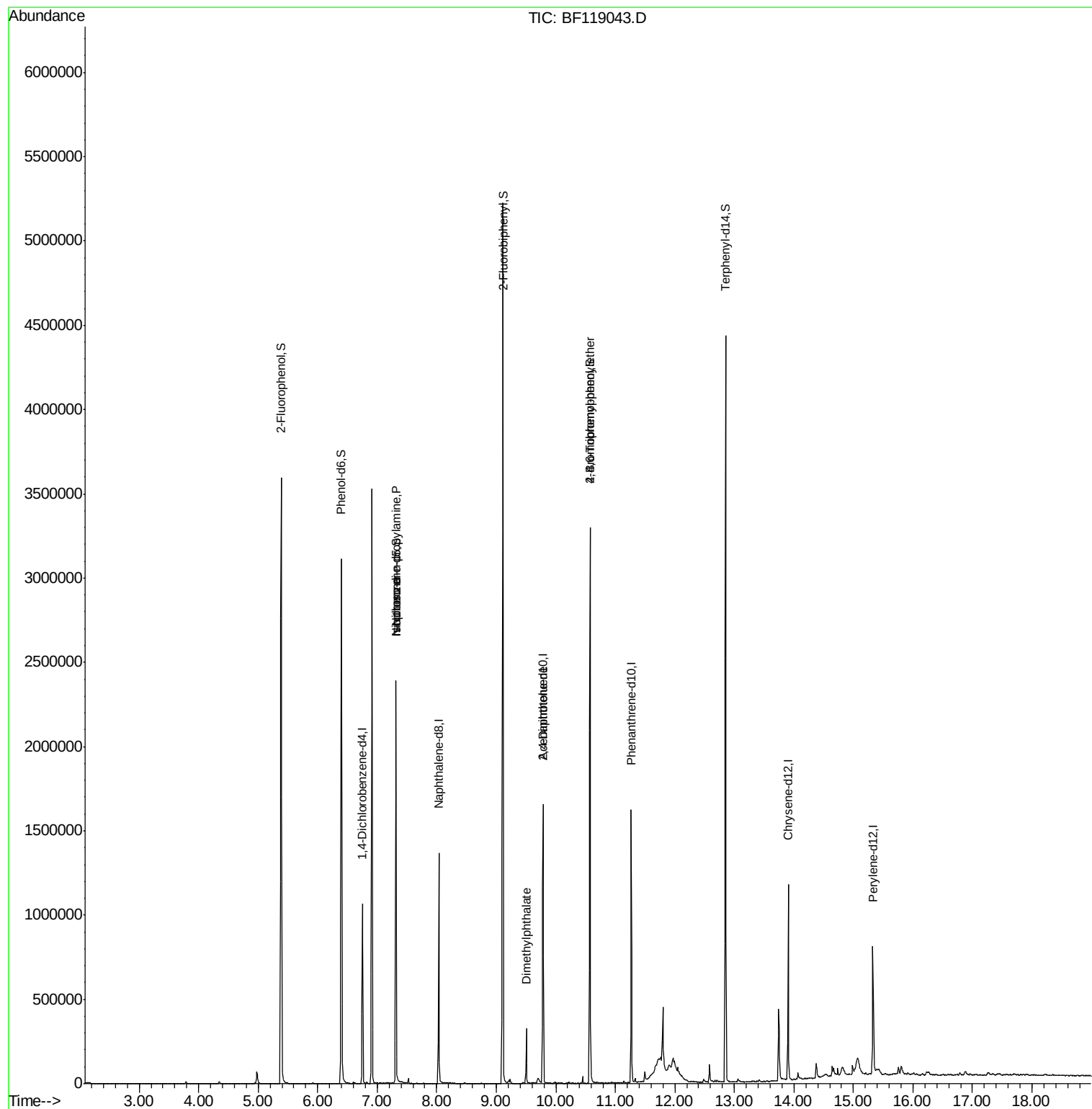
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167171	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	627497	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	333626	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	584383	20.00	ng	0.00
76) Chrysene-d12	13.90	240	388757	20.00	ng	0.00
87) Perylene-d12	15.33	264	374419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1079160	107.88	ng	0.00
7) Phenol-d6	6.40	99	1310928	107.76	ng	0.00
23) Nitrobenzene-d5	7.32	82	882089	74.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	460303	105.47	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1703715	75.23	ng	-0.01
79) Terphenyl-d14	12.86	244	1801215	79.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	121375	17.122	ng	# 76
25) Isophorone	7.32	82	882080	42.737	ng	# 63
50) Dimethylphthalate	9.50	163	136278	5.342	ng	99
57) 2,4-Dinitrotoluene	9.79	165	42644	5.804	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	29911	3.916	ng	# 1

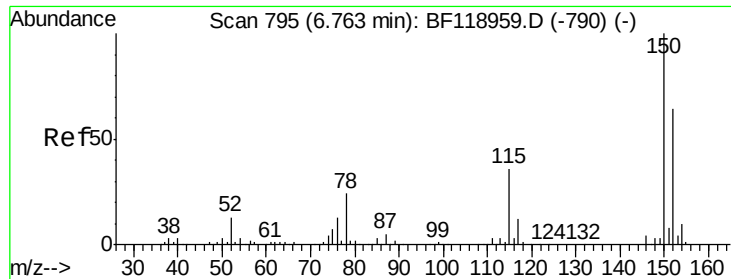
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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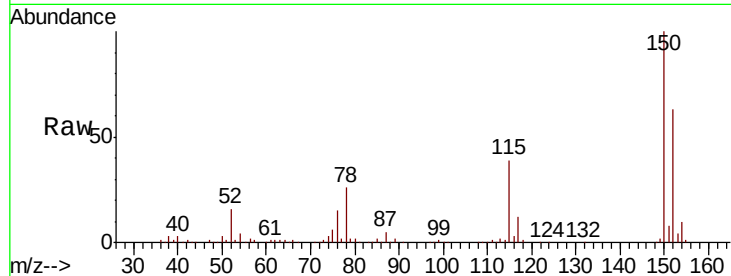


#1

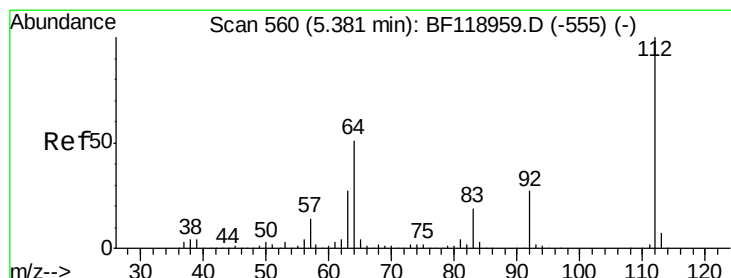
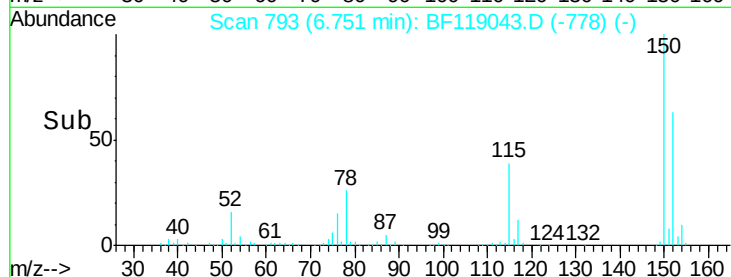
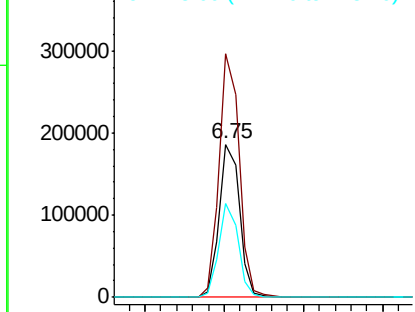
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167171
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 61.5 44.6 67.0



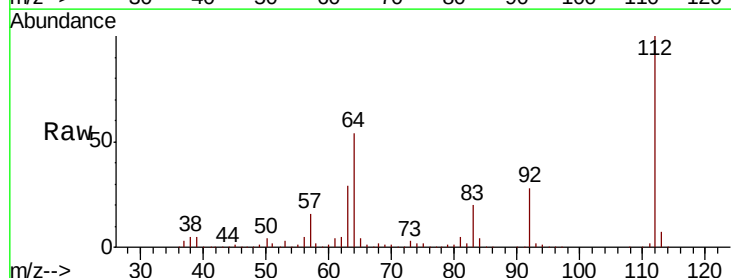
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



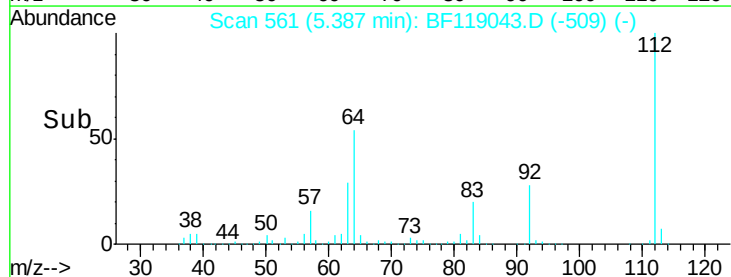
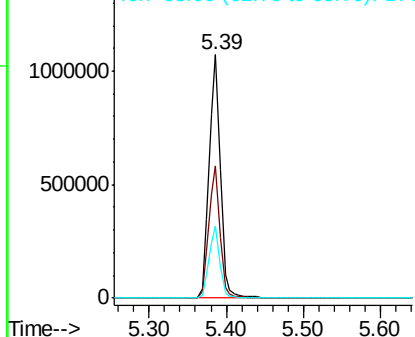
#5

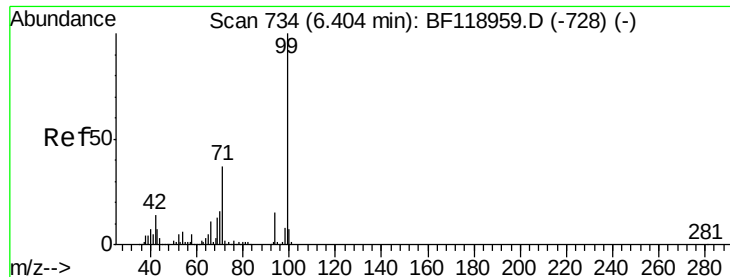
2-Fluorophenol
Concen: 107.882 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion:112 Resp: 1079160
Ion Ratio Lower Upper
112 100
64 54.2 40.4 60.6
63 29.4 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: 107.756 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Instrument :

BNA_F

ClientSampleId :

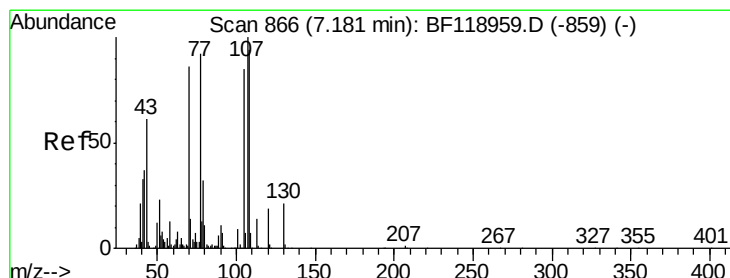
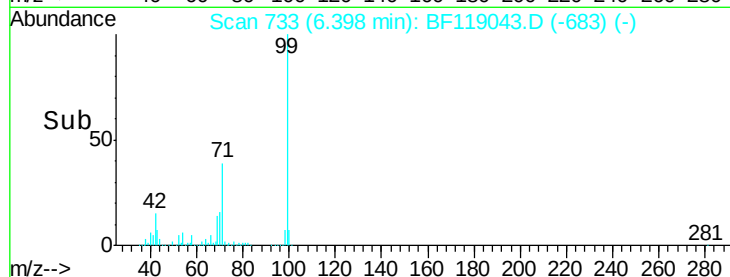
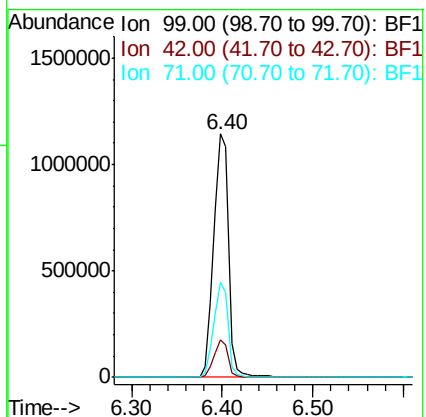
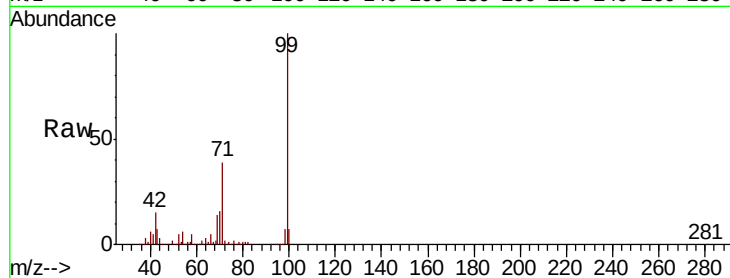
Tot Ion: 99 Resp: 1310928

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

71 38.9 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.122 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Tgt Ion: 70 Resp: 121375

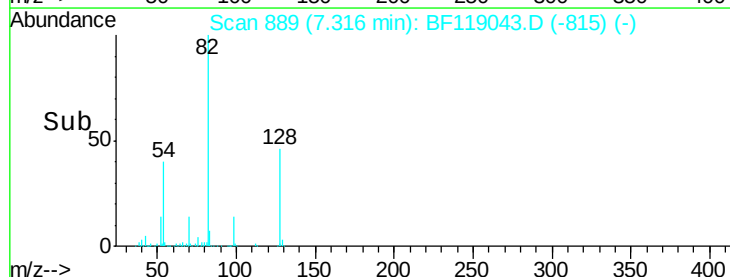
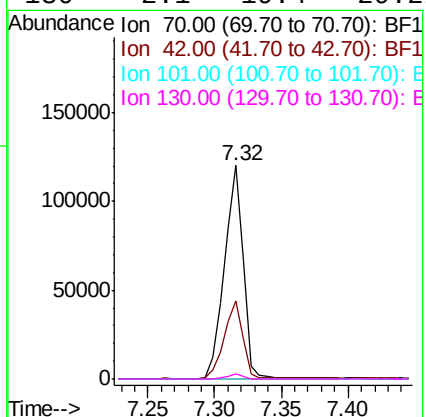
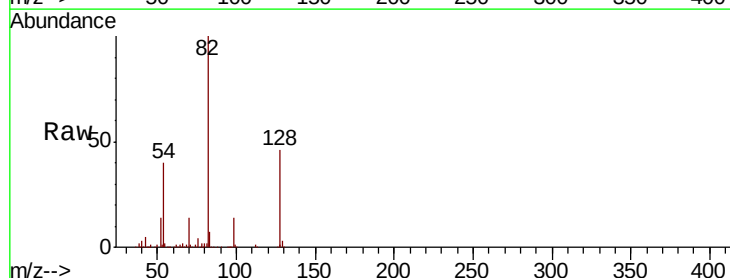
Ion Ratio Lower Upper

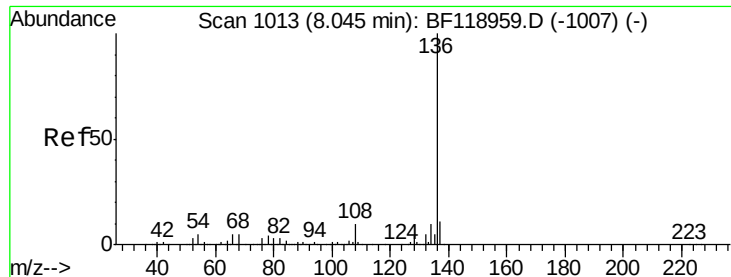
70 100

42 36.3 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

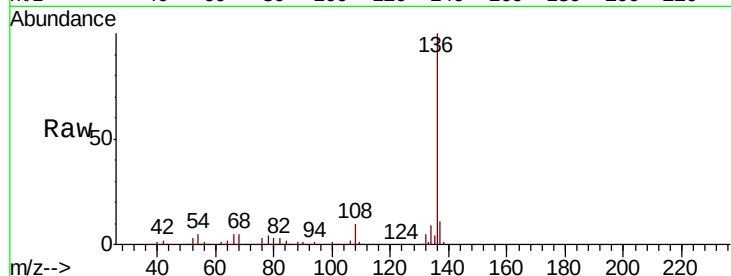




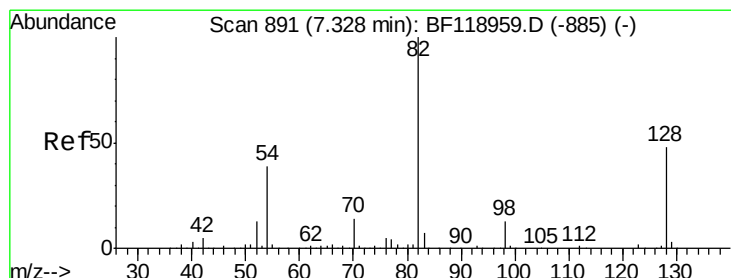
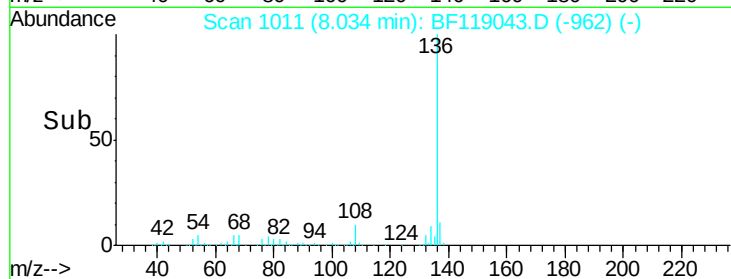
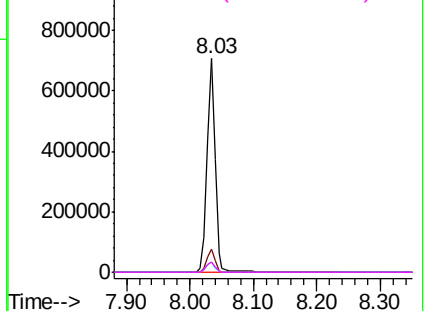
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	627497
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	4.9	3.8 5.6
68	5.1	4.2 6.2

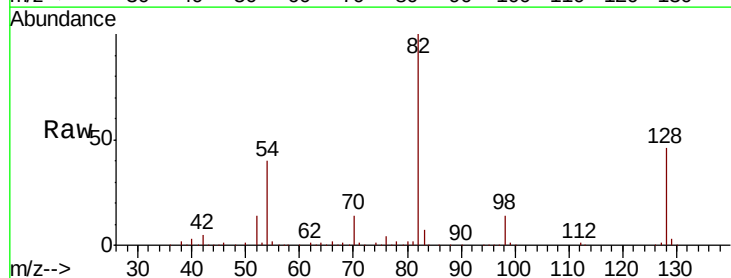


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

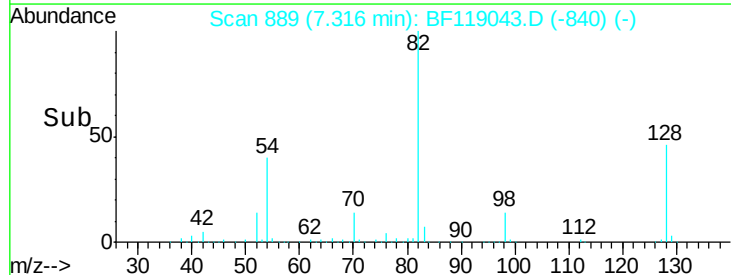
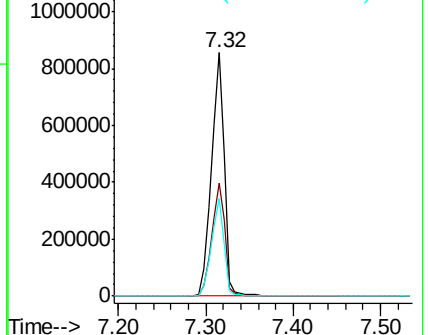


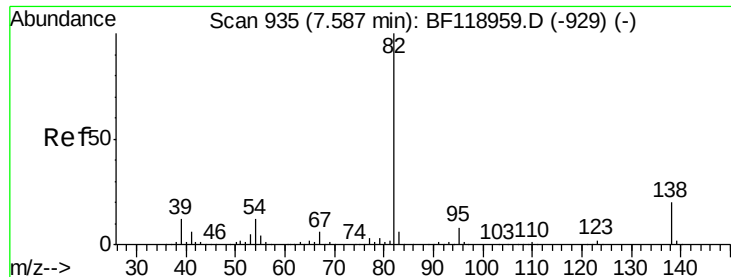
#23
Nitrobenzene-d5
Concen: 74.222 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion: 82	Resp:	882089
Ion	Ratio	Lower Upper
82	100	
128	46.2	38.2 57.2
54	40.0	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: 42.737 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Instrument :

BNA_F

ClientSampleId :

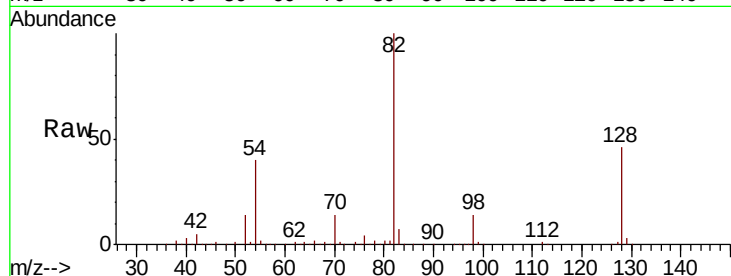
Tot Ion: 82 Resp: 882080

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

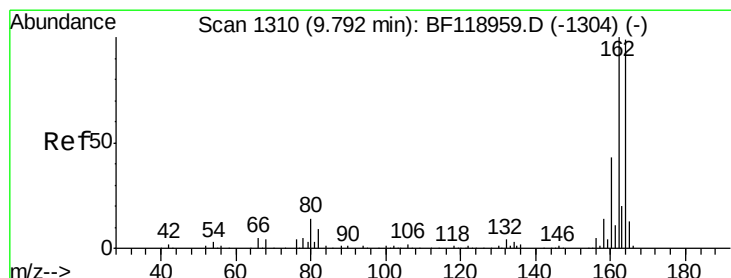
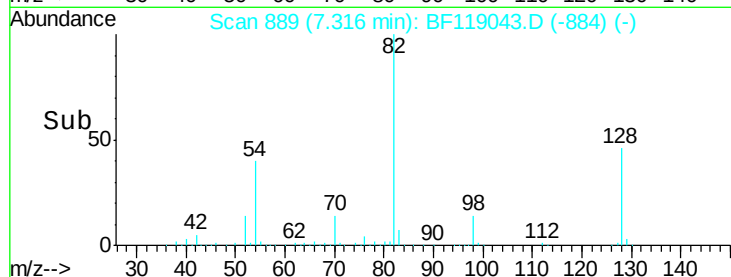
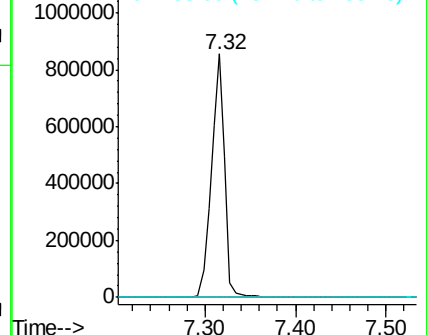
138 0.0 15.8 23.6#



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: BF119043.D

Acq: 25 Feb 2020 1:54

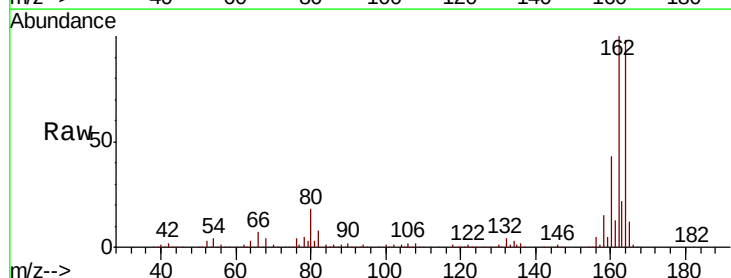
Tgt Ion: 164 Resp: 333626

Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

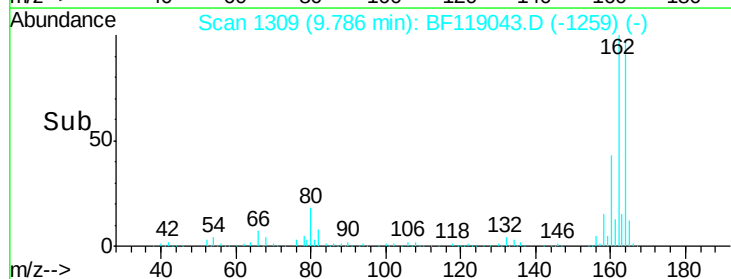
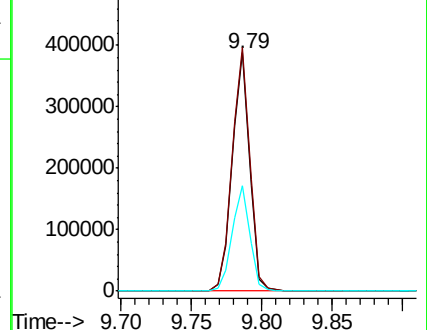
160 44.2 35.2 52.8

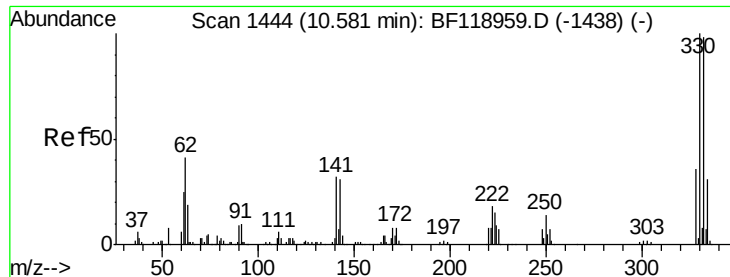


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

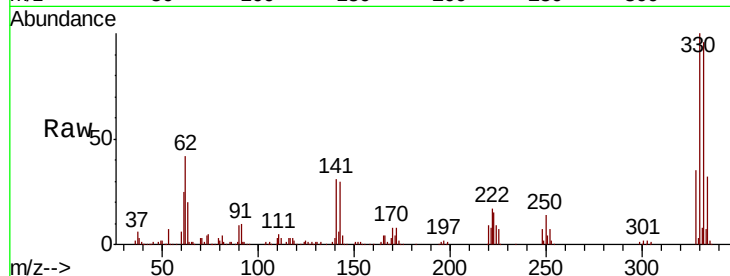




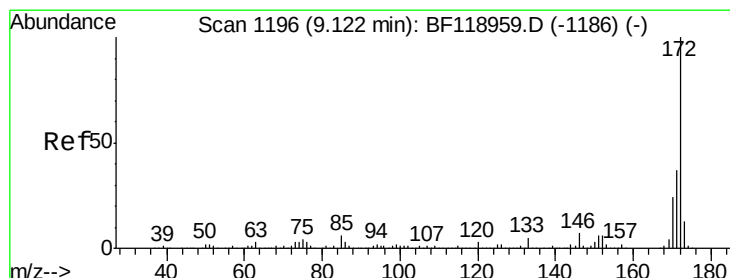
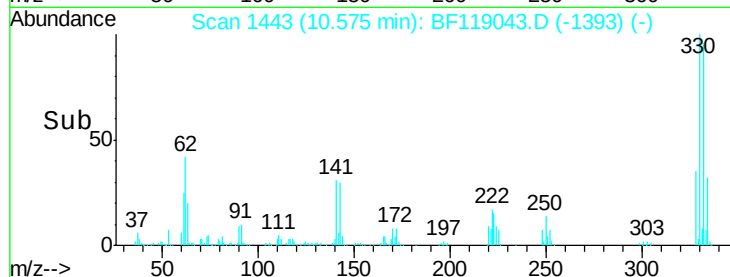
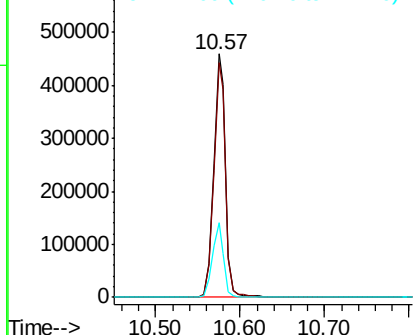
#42
 2,4,6-Tribromophenol
 Concen: 105.468 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 460303
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 29.0 23.0 34.6

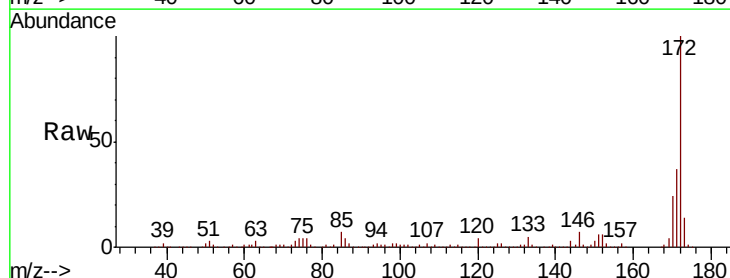


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

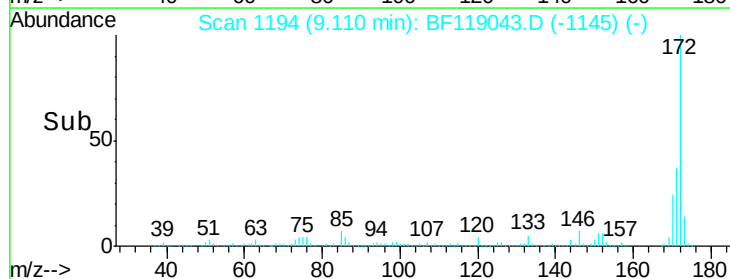
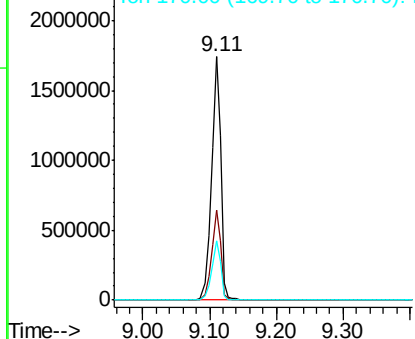


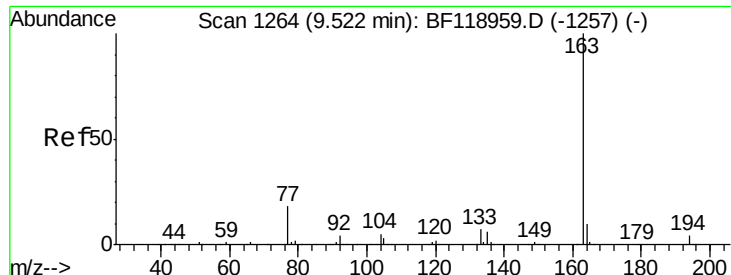
#45
 2-Fluorobiphenyl
 Concen: 75.230 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119043.D
 Acq: 25 Feb 2020 1:54

Tgt Ion:172 Resp: 1703715
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.4 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

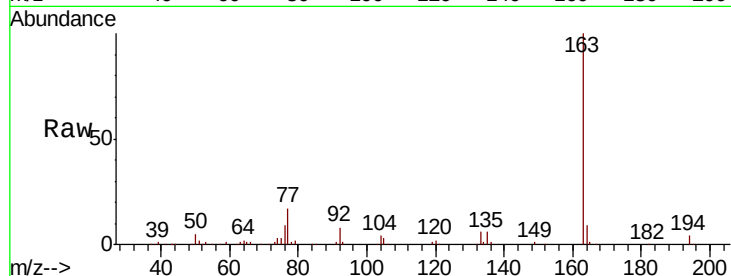




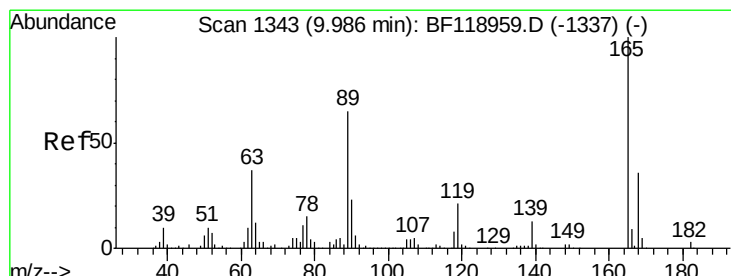
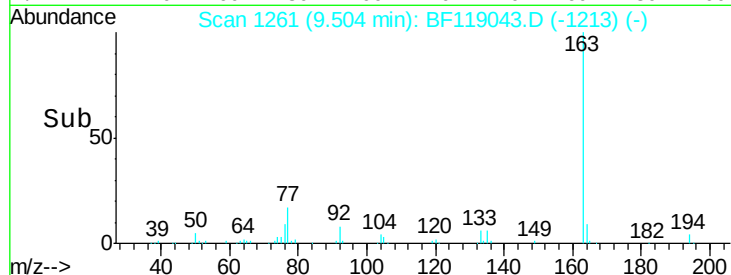
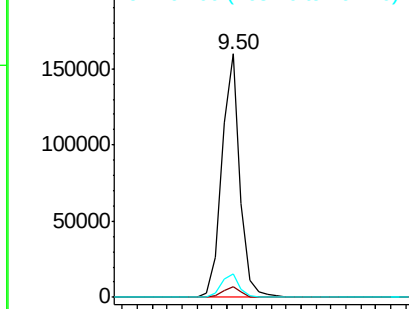
#50
Dimethylphthalate
Concen: 5.342 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 136278
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.5 8.2 12.2

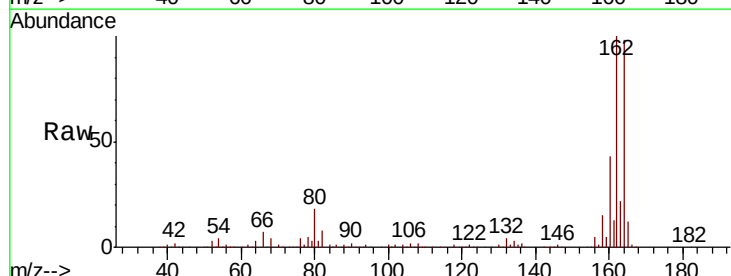


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

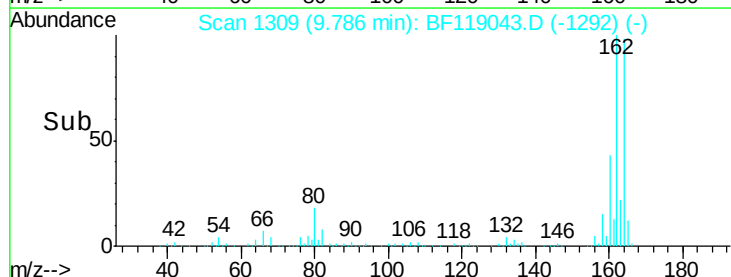
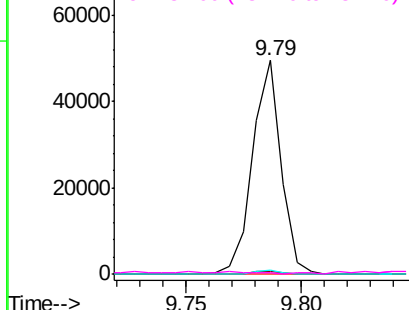


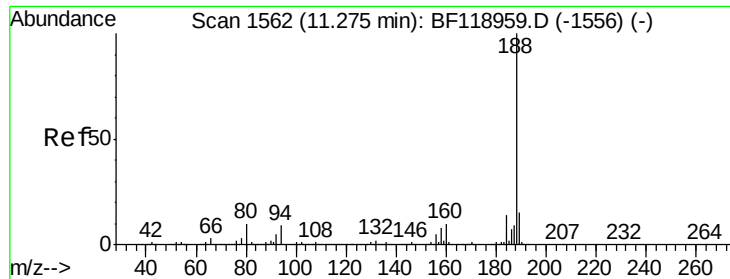
#57
2,4-Dinitrotoluene
Concen: 5.804 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion:165 Resp: 42644
Ion Ratio Lower Upper
165 100
63 1.1 29.8 44.8#
89 1.8 51.9 77.9#
182 0.7 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

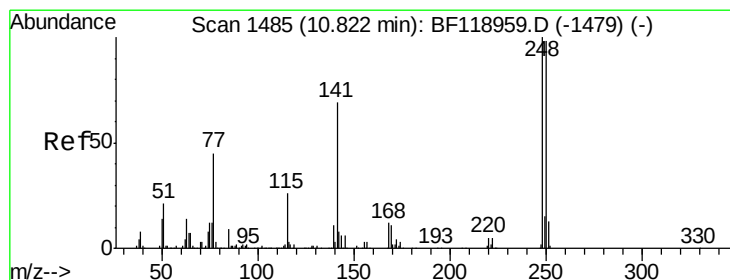
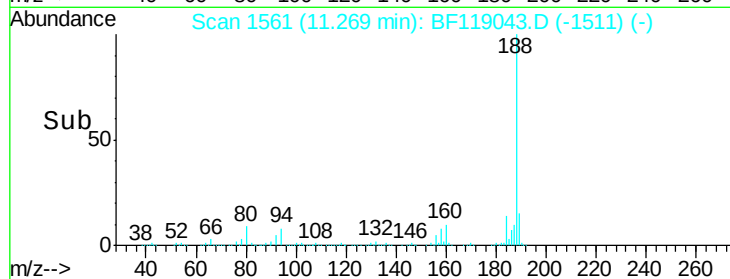
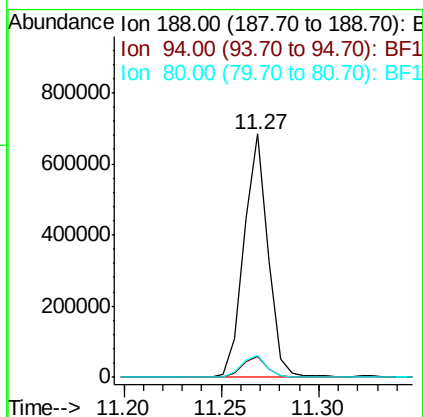
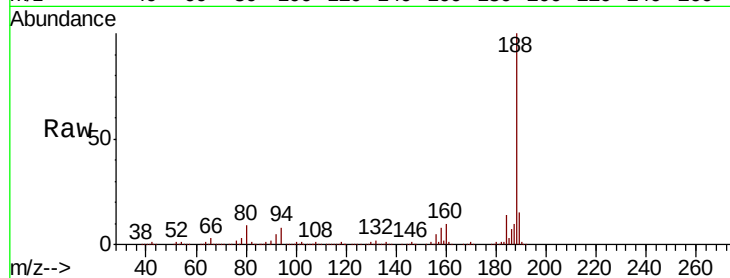




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

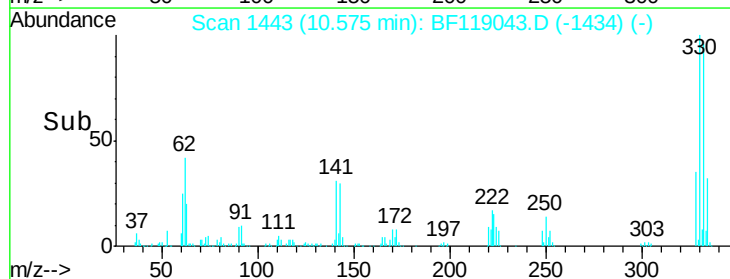
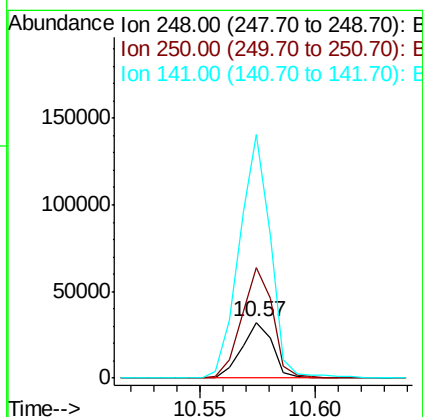
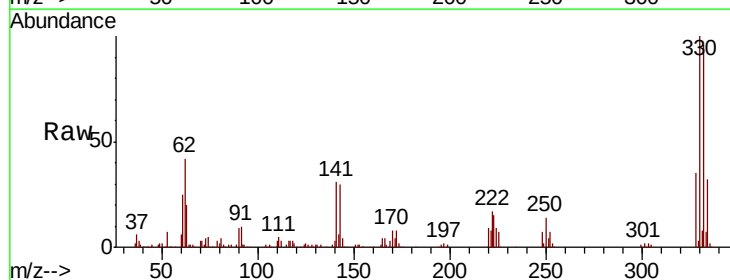
Instrument :
BNA_F
ClientSampleId :

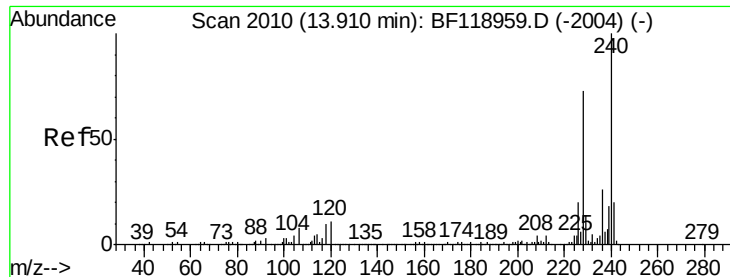
Tot Ion:188 Resp: 584383
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Tgt Ion:248 Resp: 29911
Ion Ratio Lower Upper
248 100
250 196.1 78.8 118.2#
141 434.1 55.3 82.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

Instrument :

BNA_F

ClientSampled :

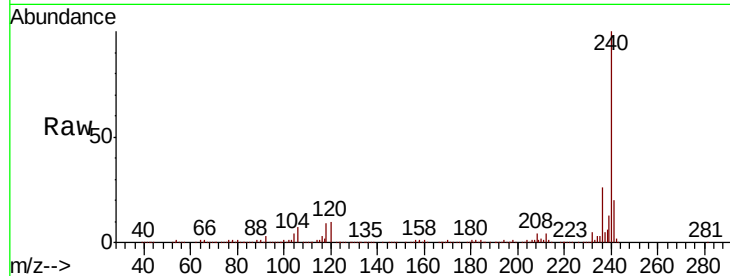
Tot Ion:240 Resp: 388757

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

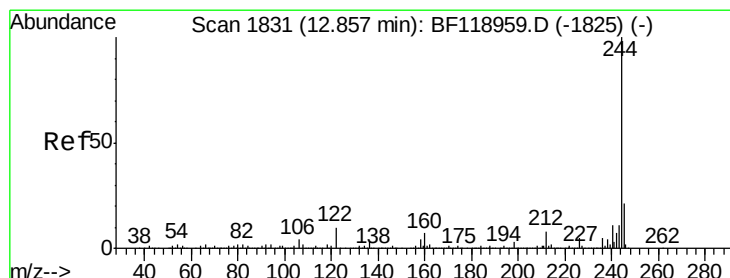
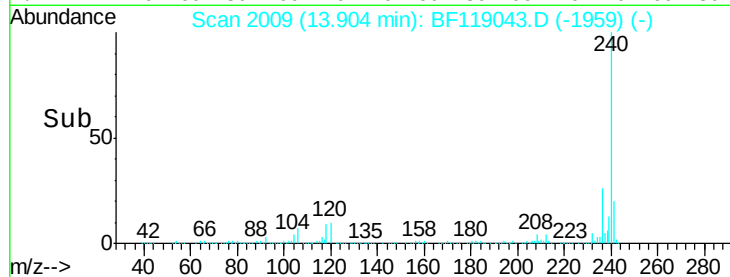
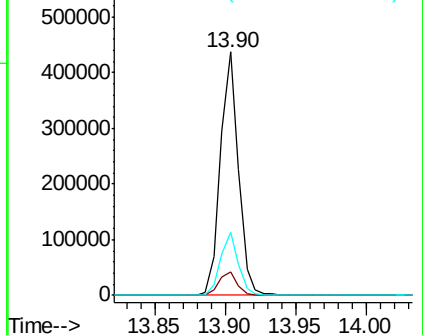
236 25.8 20.6 30.8



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: 79.770 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119043.D

Acq: 25 Feb 2020 1:54

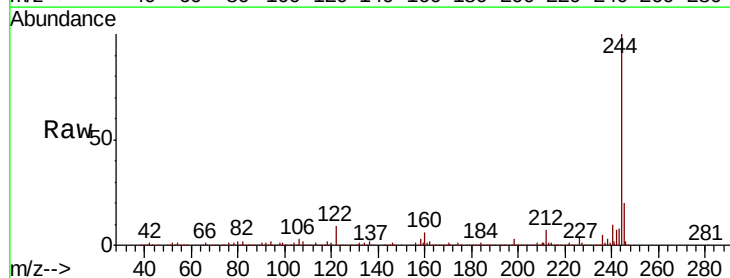
Tgt Ion:244 Resp: 1801215

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

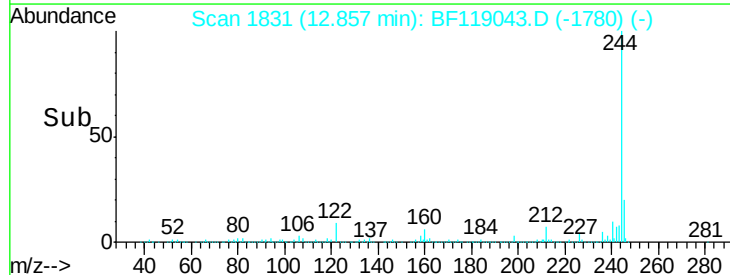
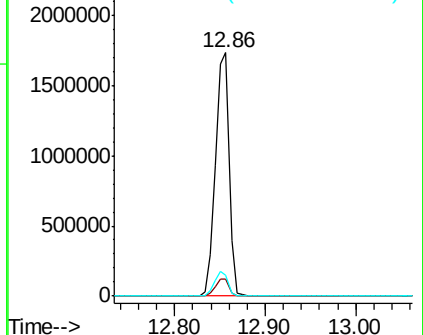
122 8.6 8.4 12.6

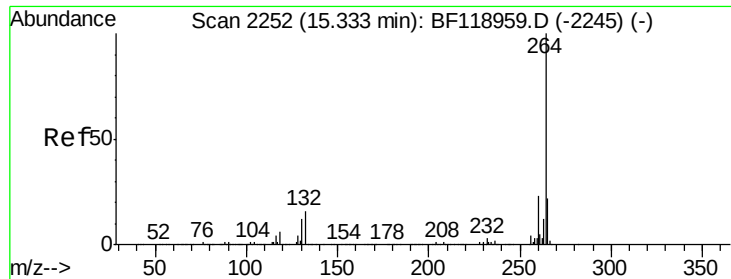


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

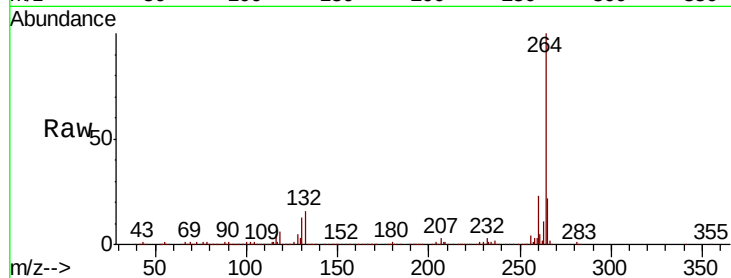




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119043.D
Acq: 25 Feb 2020 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.8	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

