

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119004.D
 Acq On : 21 Feb 2020 20:46
 Operator : CG/JU
 Sample : L1631-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:22:20 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

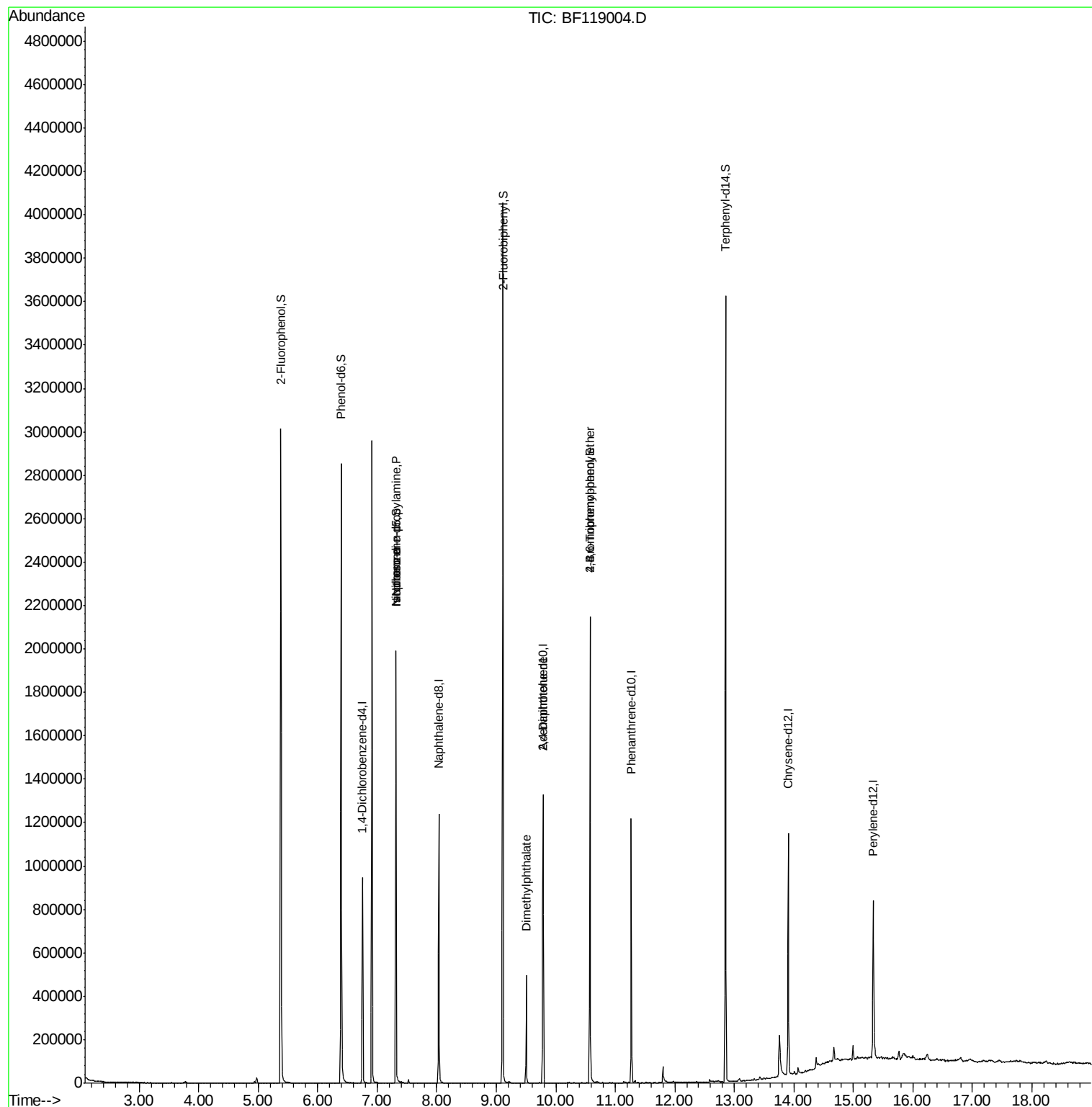
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	160004	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	567744	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	264258	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	430920	20.00	ng	0.00
76) Chrysene-d12	13.90	240	368231	20.00	ng	0.00
87) Perylene-d12	15.33	264	338737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	894243	93.40	ng	0.00
7) Phenol-d6	6.40	99	1052992	90.43	ng	0.00
23) Nitrobenzene-d5	7.32	82	683427	63.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	282463	81.71	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1264180	70.47	ng	-0.01
79) Terphenyl-d14	12.85	244	1302631	60.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	94062	13.863	ng	# 76
25) Isophorone	7.32	82	683422	36.597	ng	# 63
50) Dimethylphthalate	9.50	163	203209	10.056	ng	100
57) 2,4-Dinitrotoluene	9.79	165	34512	5.931	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	18265	3.243	ng	# 1

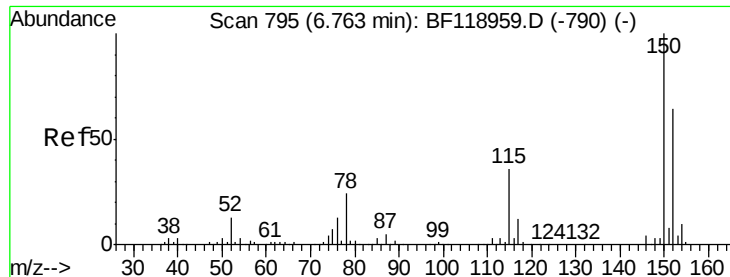
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119004.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1631-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:22:20 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



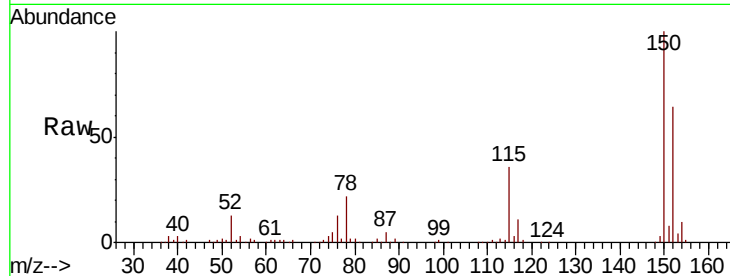


#1

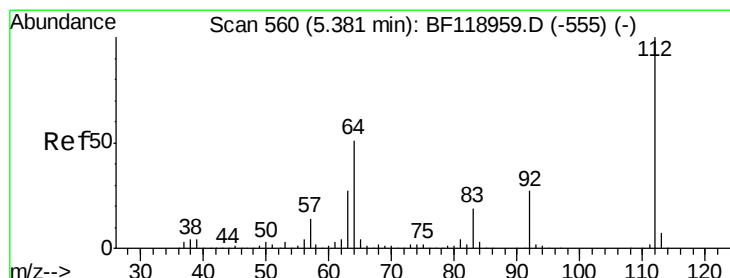
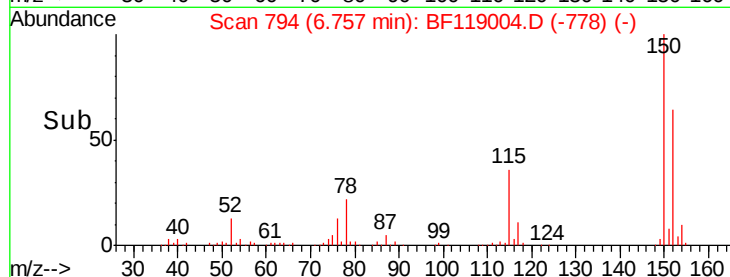
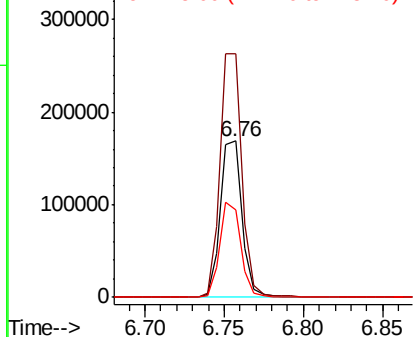
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119004.D
Acq: 21 Feb 2020 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160004
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 55.8 44.6 67.0



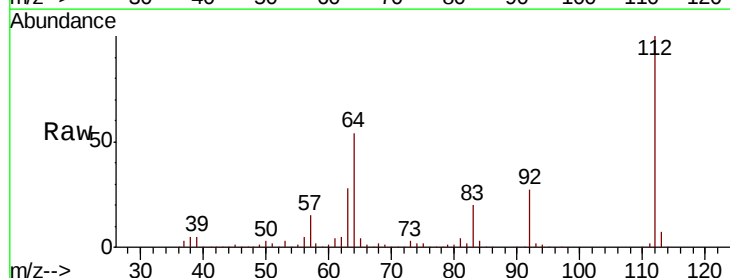
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



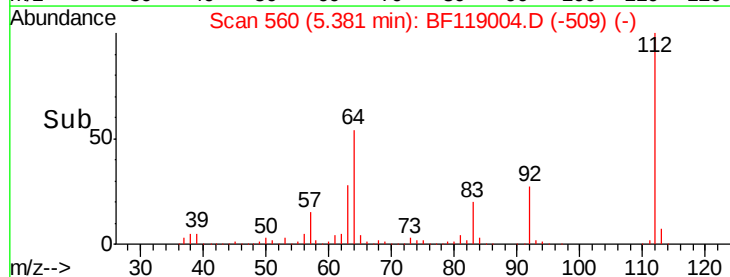
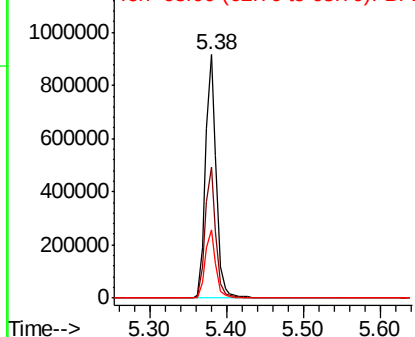
#5

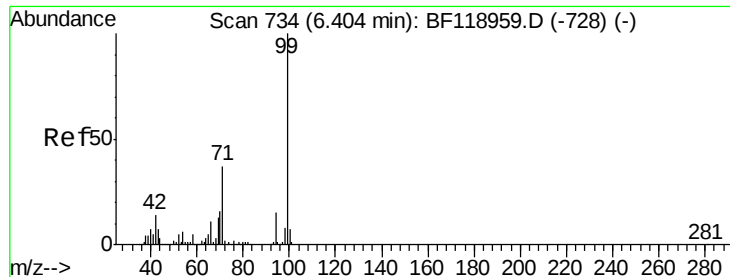
2-Fluorophenol
Concen: 93.400 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119004.D
Acq: 21 Feb 2020 20:46

Tgt Ion:112 Resp: 894243
Ion Ratio Lower Upper
112 100
64 53.6 40.4 60.6
63 28.3 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: 90.431 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

Instrument :

BNA_F

ClientSampleId :

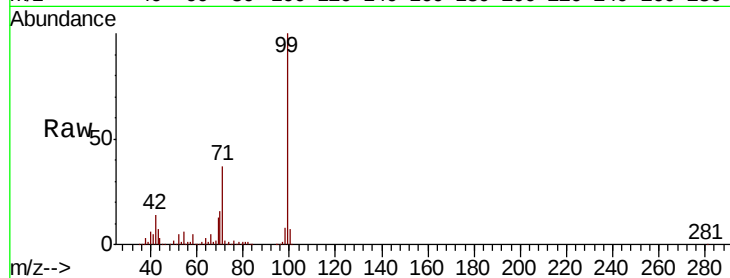
Tot Ion: 99 Resp: 1052992

Ion Ratio Lower Upper

99 100

42 14.1 11.4 17.0

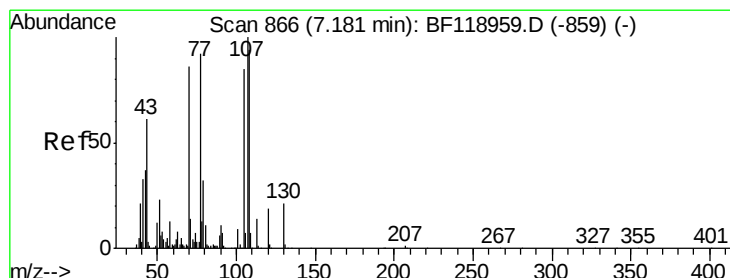
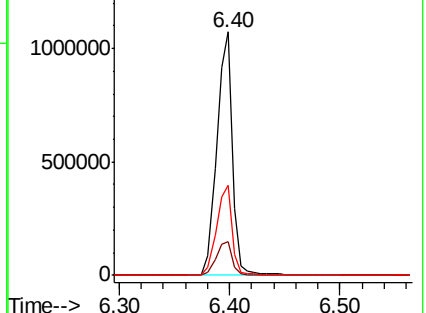
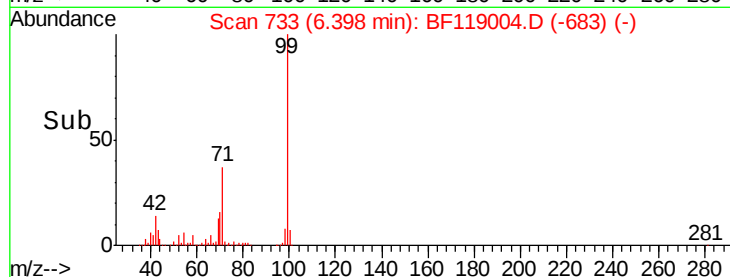
71 37.0 29.8 44.6



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: 13.863 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

Tgt Ion: 70 Resp: 94062

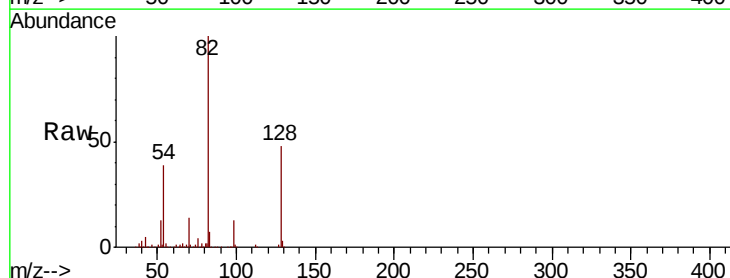
Ion Ratio Lower Upper

70 100

42 35.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.3 19.4 29.2#

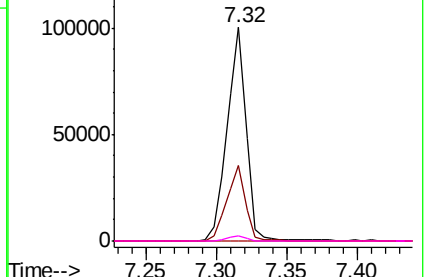
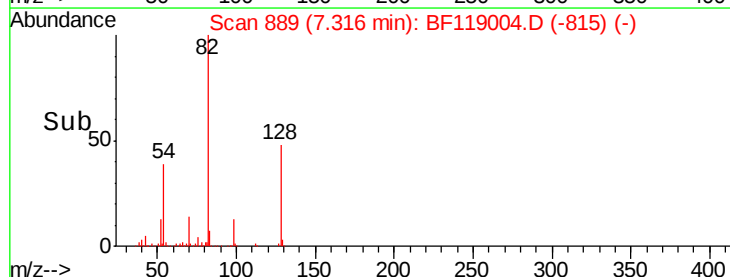


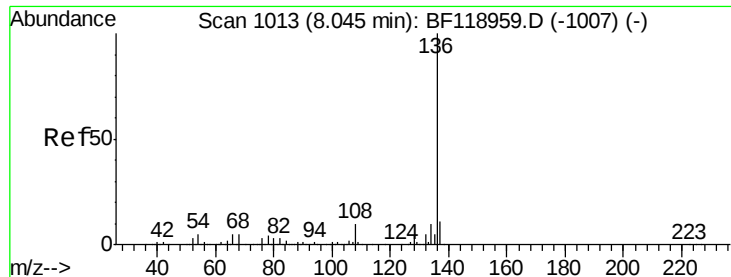
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119004.D

Acq: 21 Feb 2020 20:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 567744

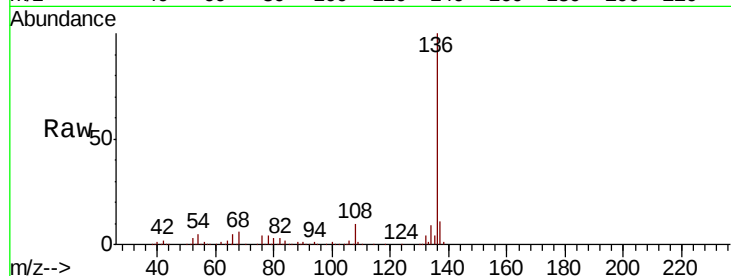
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.2 3.8 5.6

68 5.5 4.2 6.2

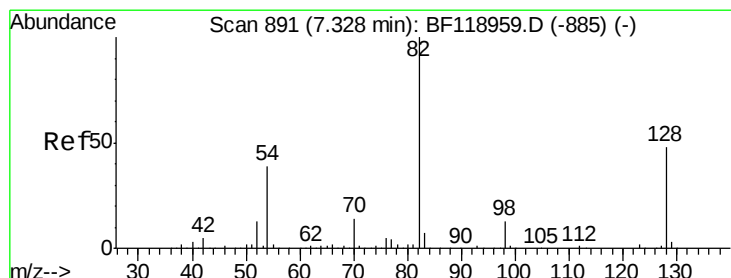
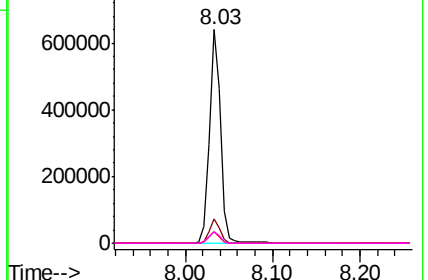
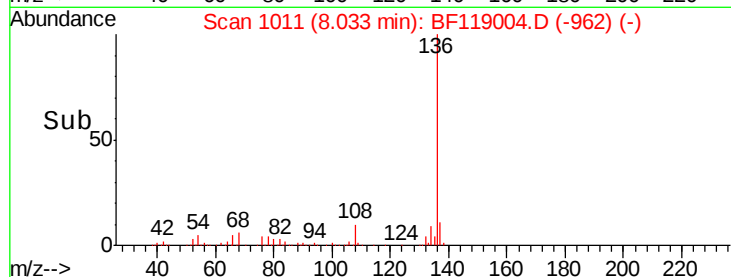


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.558 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

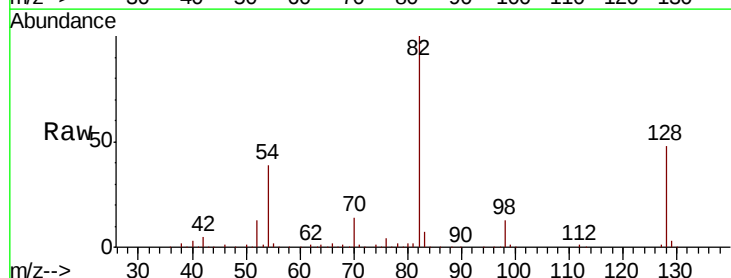
Tgt Ion: 82 Resp: 683427

Ion Ratio Lower Upper

82 100

128 47.7 38.2 57.2

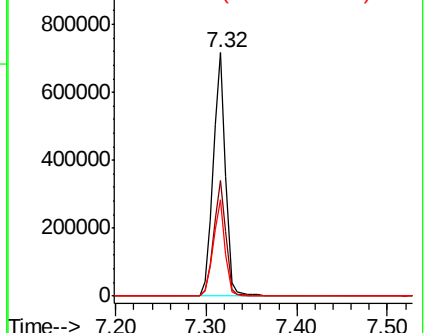
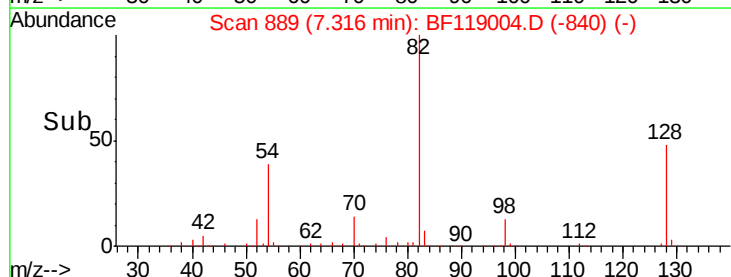
54 39.4 31.3 46.9

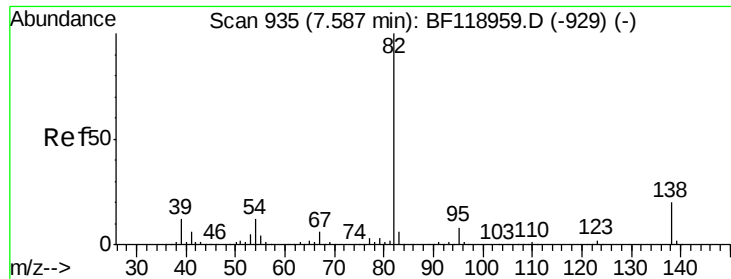


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.597 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

Instrument :

BNA_F

ClientSampled :

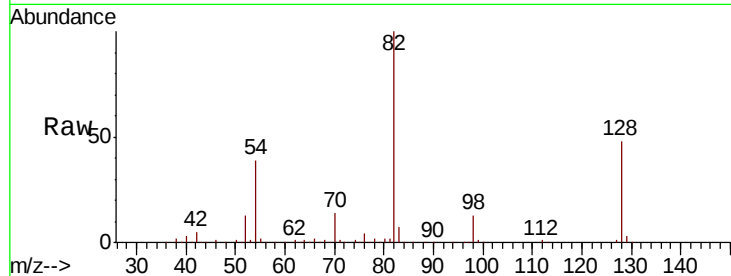
Tot Ion: 82 Resp: 683422

Ion Ratio Lower Upper

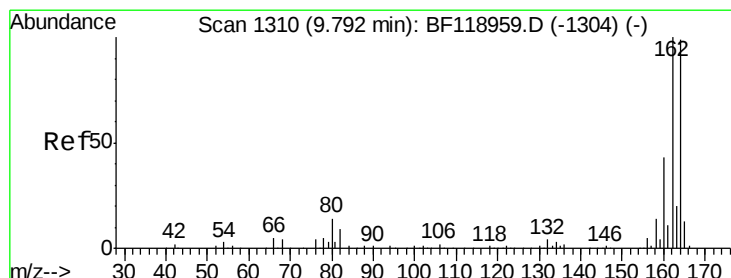
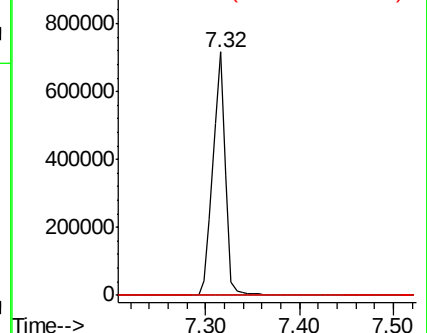
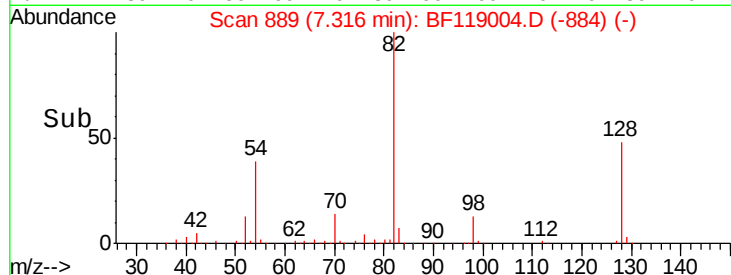
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

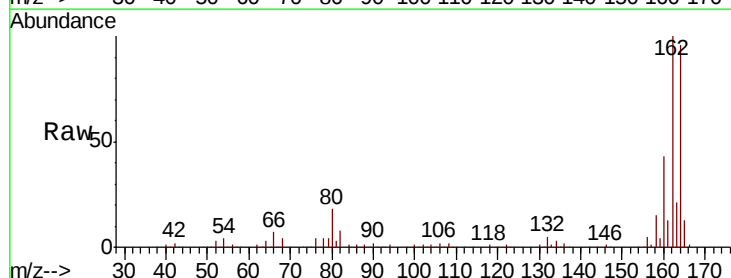
Tgt Ion: 164 Resp: 264258

Ion Ratio Lower Upper

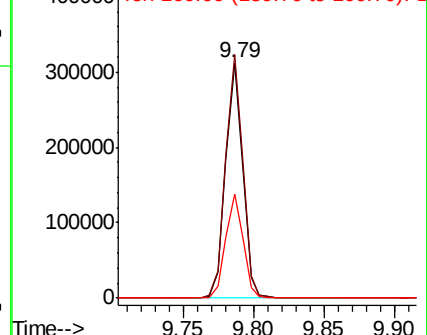
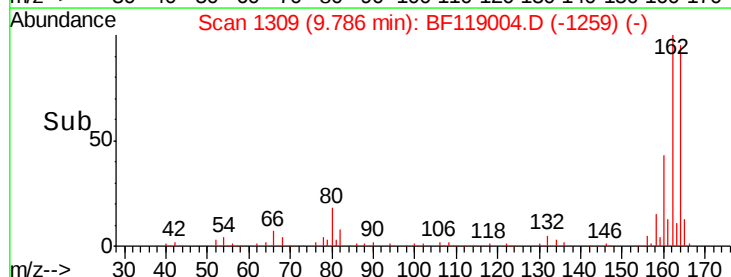
164 100

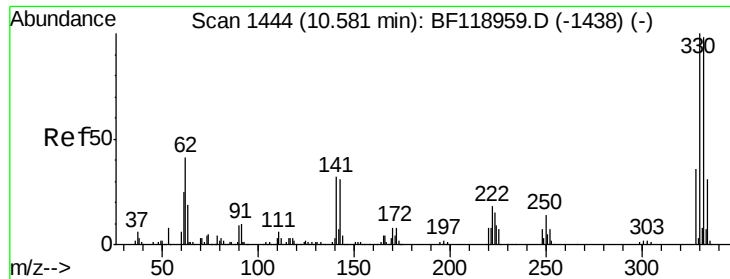
162 103.8 81.2 121.8

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

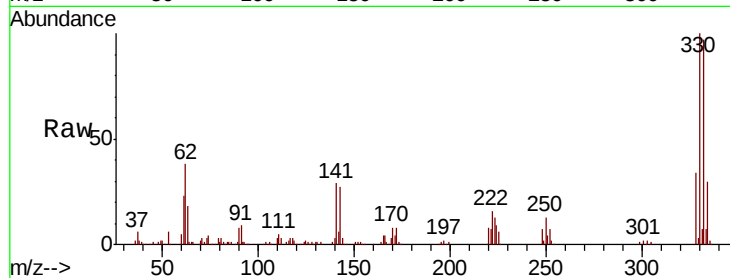




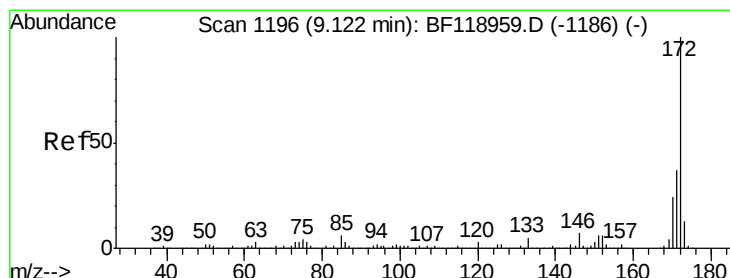
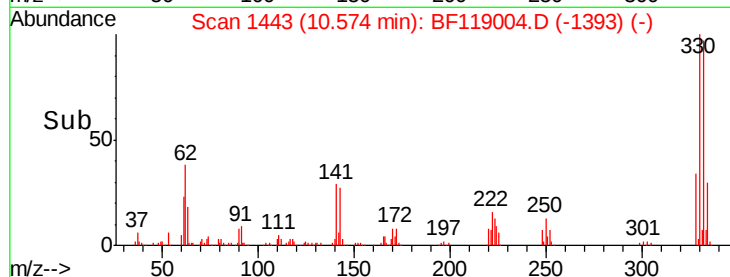
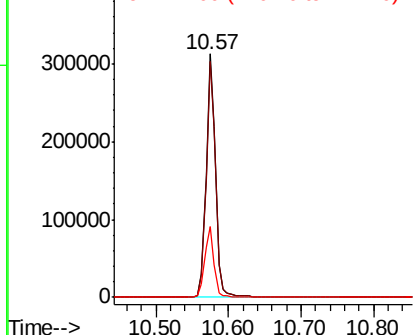
#42
 2,4,6-Tribromophenol
 Concen: 81.709 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119004.D
 Acq: 21 Feb 2020 20:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	28.7	23.0	34.6

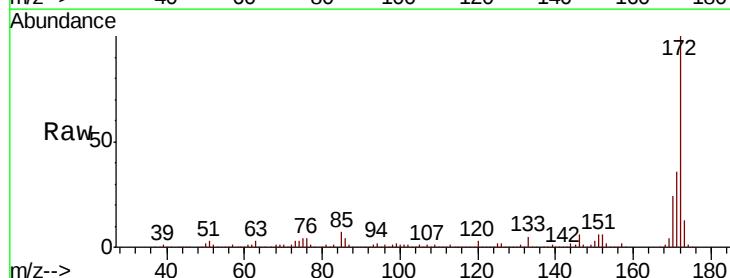


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

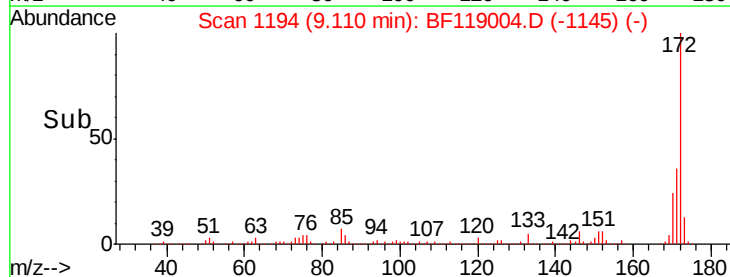
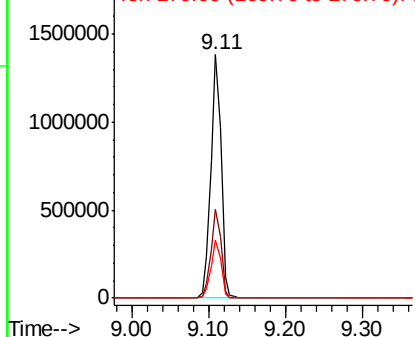


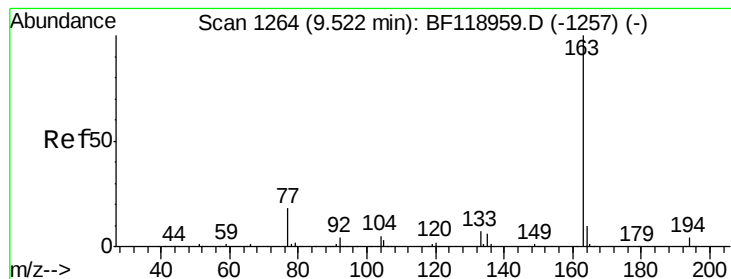
#45
 2-Fluorobiphenyl
 Concen: 70.475 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119004.D
 Acq: 21 Feb 2020 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.0	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: 10.056 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

Instrument :

BNA_F

ClientSampleId :

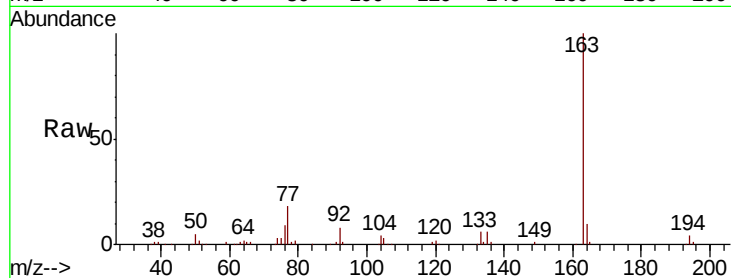
Tot Ion:163 Resp: 203209

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

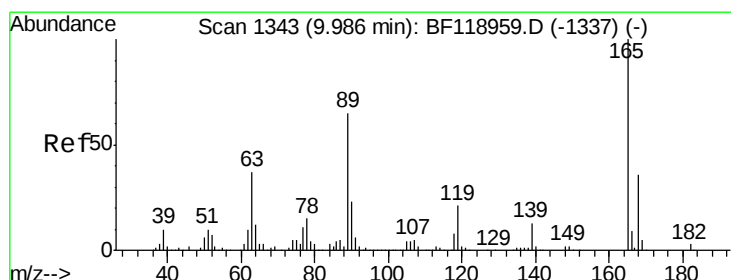
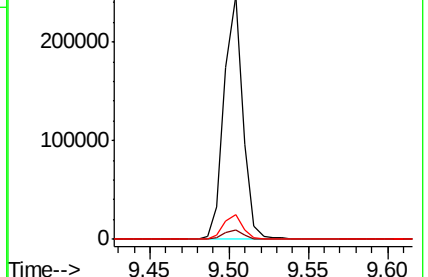
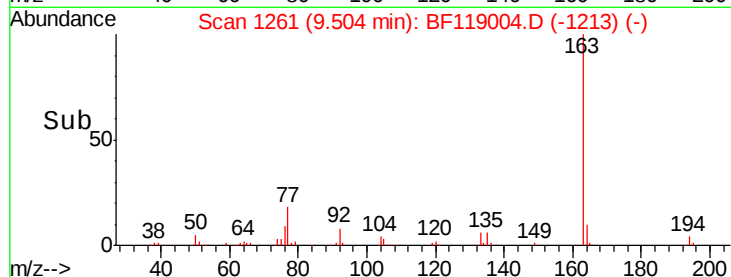
164 10.1 8.2 12.2



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: 5.931 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119004.D

Acq: 21 Feb 2020 20:46

Tgt Ion:165 Resp: 34512

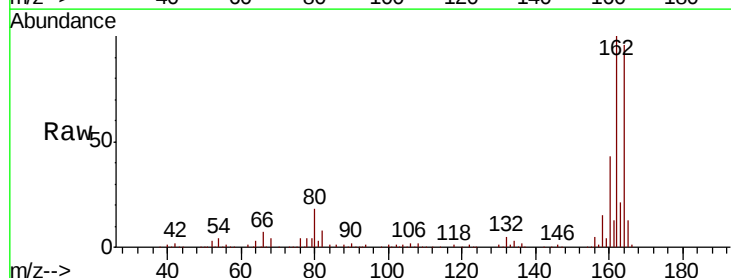
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.8#

89 1.2 51.9 77.9#

182 0.0 2.3 3.5#

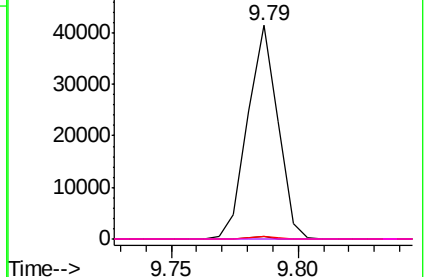
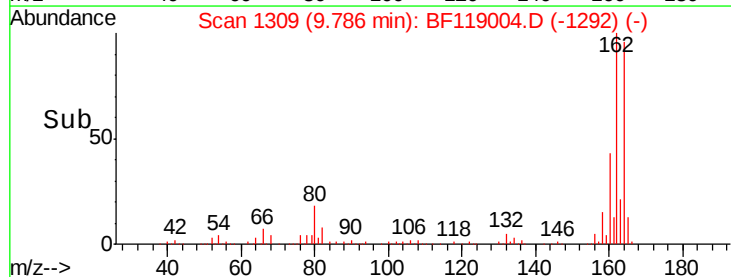


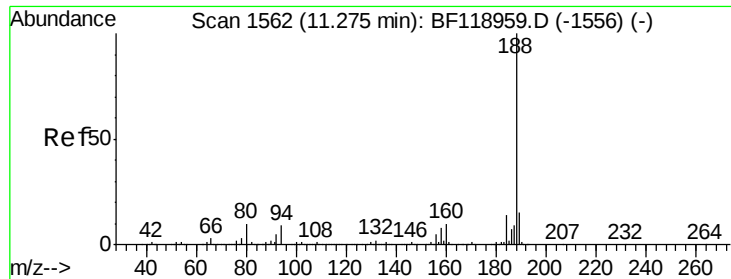
Abundance Ion 165.00 (164.70 to 165.70): E

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

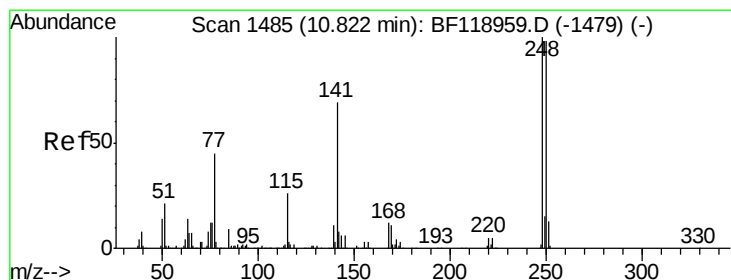
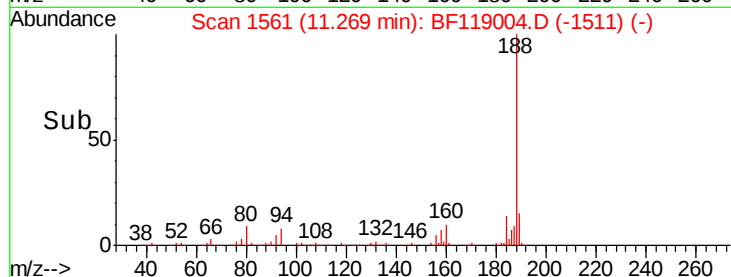
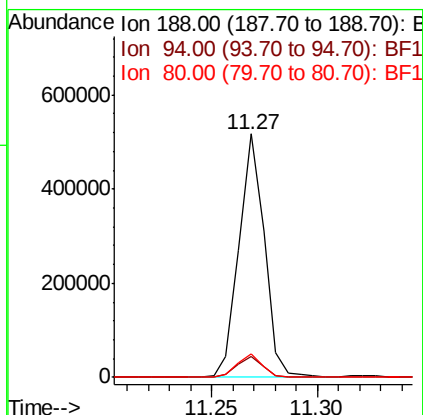
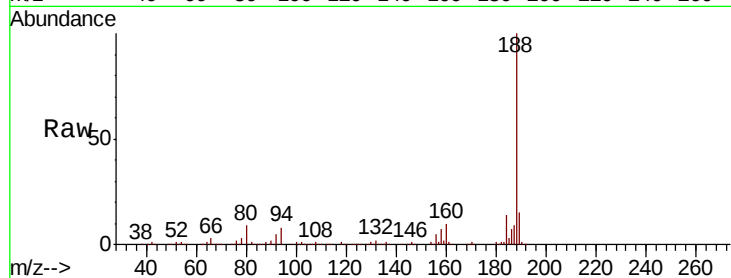




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119004.D
Acq: 21 Feb 2020 20:46

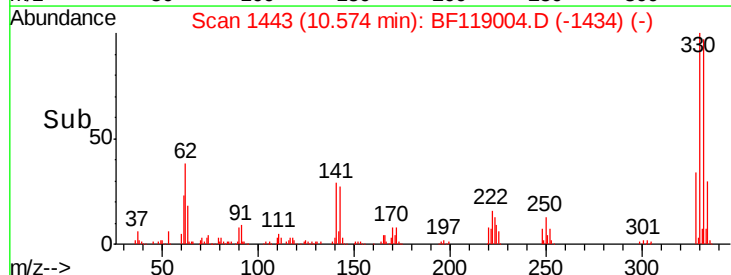
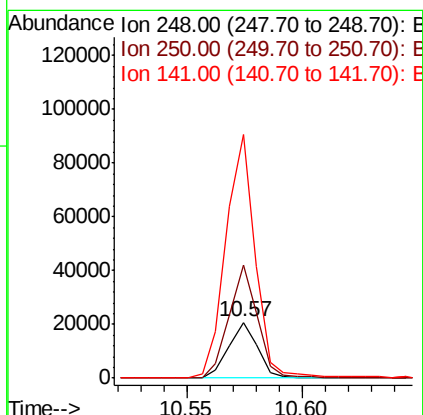
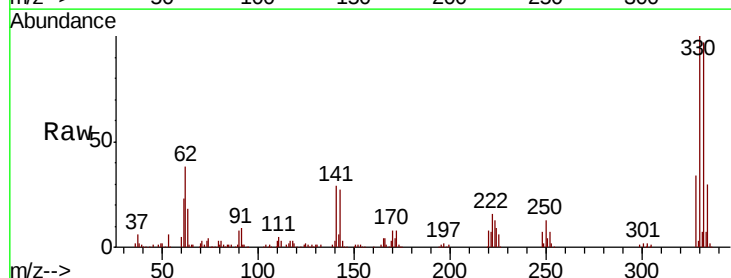
Instrument :
BNA_F
ClientSampleId :

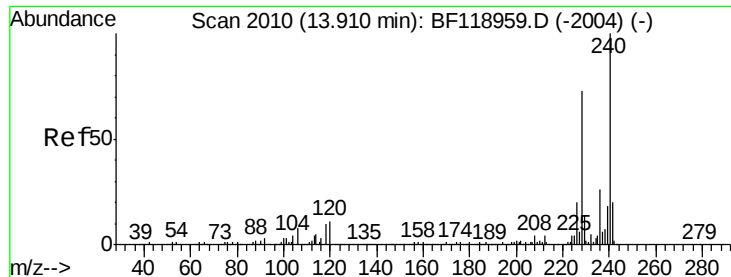
Tot Ion:188 Resp: 430920
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119004.D
Acq: 21 Feb 2020 20:46

Tgt Ion:248 Resp: 18265
Ion Ratio Lower Upper
248 100
250 201.2 78.8 118.2#
141 434.6 55.3 82.9#

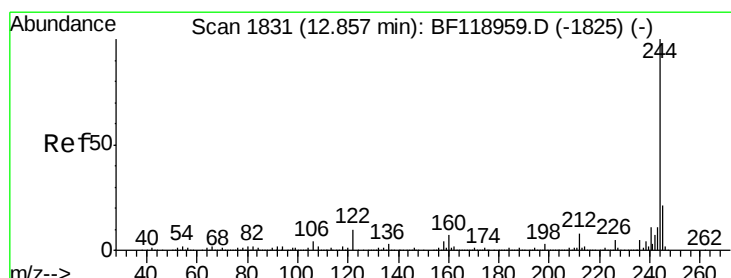
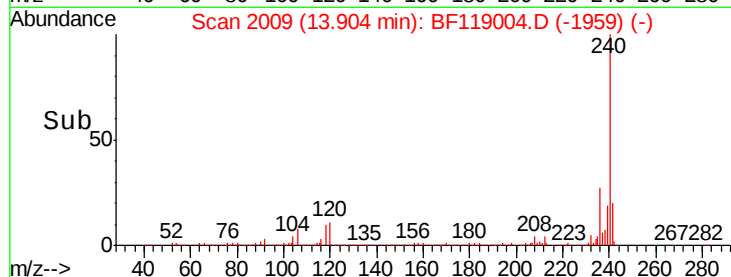
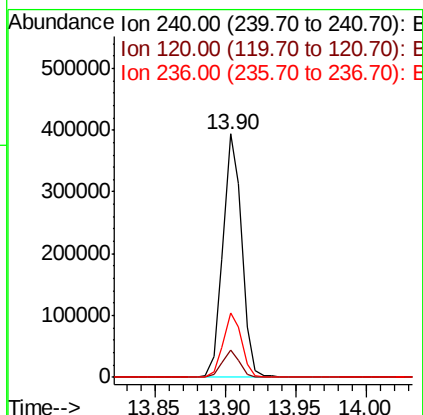
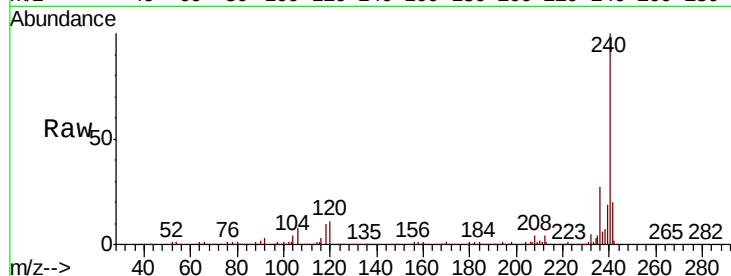




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119004.D
 Acq: 21 Feb 2020 20:46

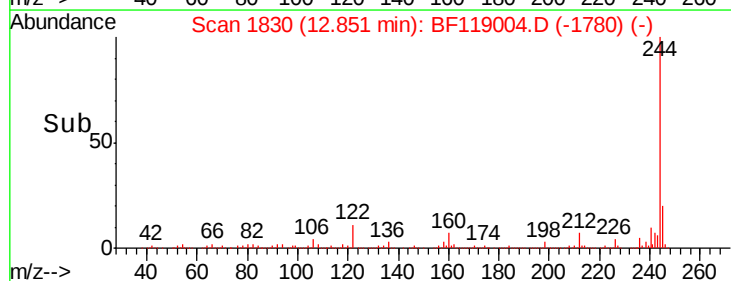
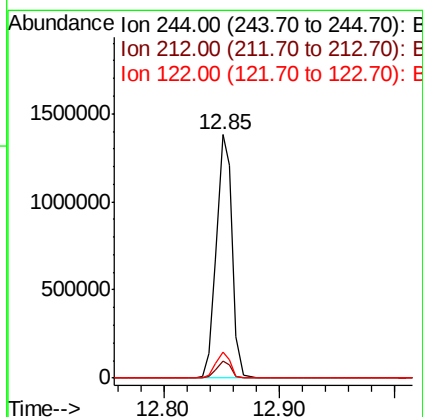
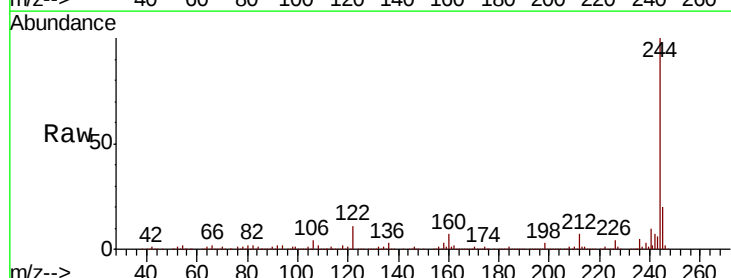
Instrument :
 BNA_F
 ClientSampleId :

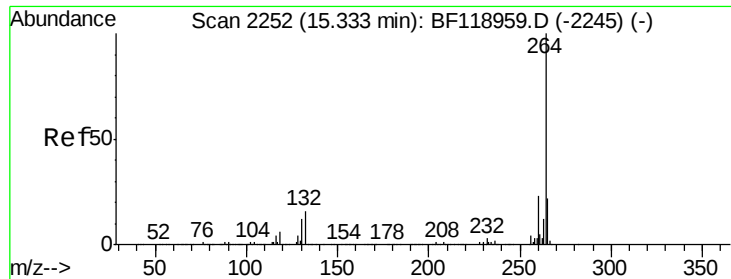
Tot Ion:240 Resp: 368231
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.9 13.3
 236 26.5 20.6 30.8



#79
 Terphenyl-d14
 Concen: 60.905 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119004.D
 Acq: 21 Feb 2020 20:46

Tgt Ion:244 Resp: 1302631
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 10.9 8.4 12.6

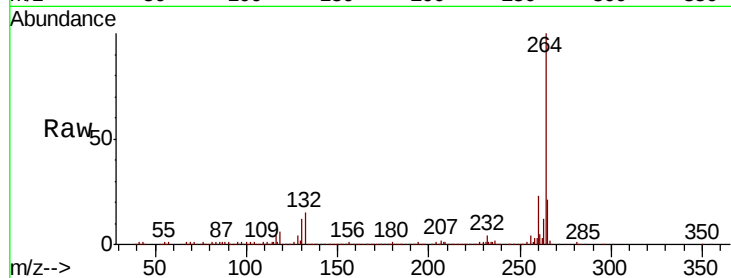




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119004.D
Acq: 21 Feb 2020 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.5	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

