

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119318.D
 Acq On : 10 Mar 2020 15:52
 Operator : CG/JU
 Sample : L1836-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:38:39 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

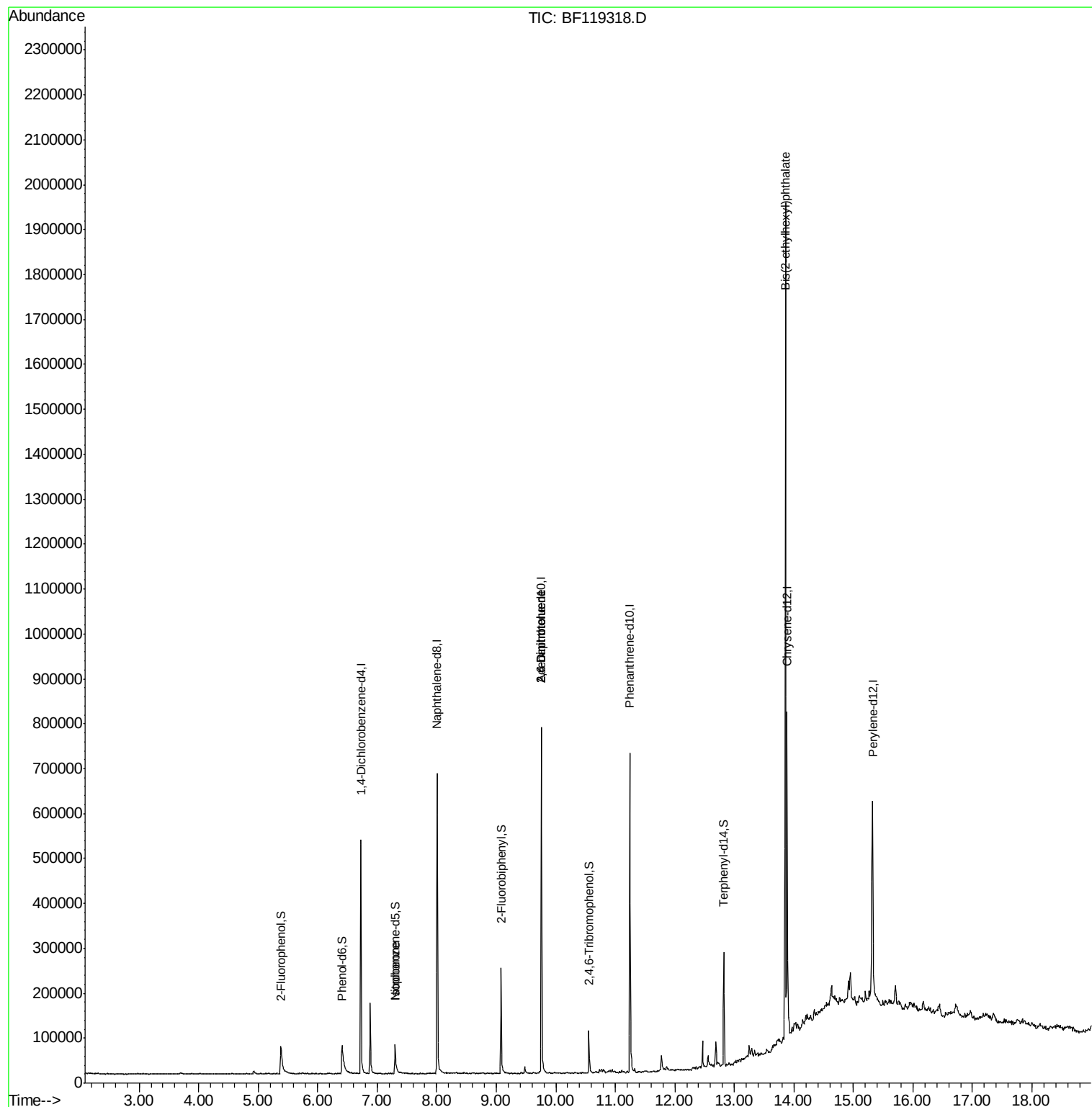
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	94454	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	349793	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	170239	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	267752	20.00	ng	0.00
76) Chrysene-d12	13.89	240	233350	20.00	ng	0.00
87) Perylene-d12	15.32	264	221155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	47953	8.48	ng	0.03
7) Phenol-d6	6.41	99	59187	8.61	ng	0.03
23) Nitrobenzene-d5	7.30	82	37441	5.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	14663	6.58	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	82191	7.11	ng	0.00
79) Terphenyl-d14	12.82	244	84382	6.23	ng	0.00
Target Compounds						
25) Isophorone	7.30	82	37441	3.254	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	21897	7.571	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	21897	5.841	ng	# 21
84) Bis(2-ethylhexyl)phthalate	13.86	149	545502	54.752	ng	99

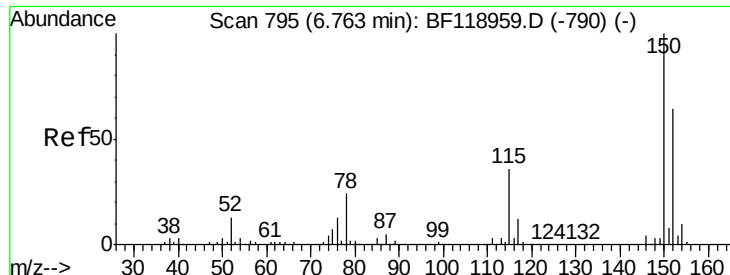
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119318.D
Acq On : 10 Mar 2020 15:52
Operator : CG/JU
Sample : L1836-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 01:38:39 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



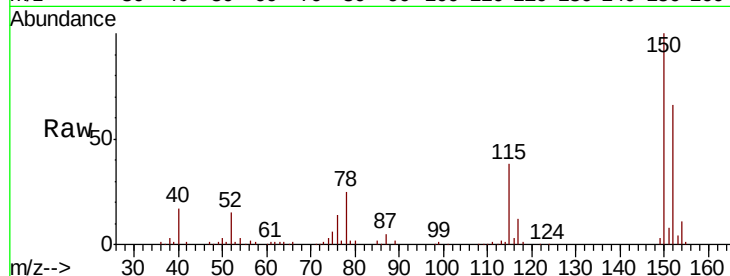


#1

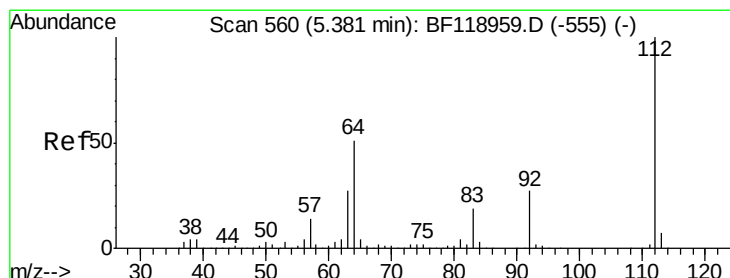
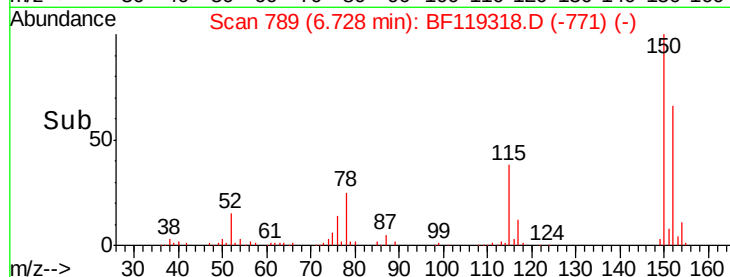
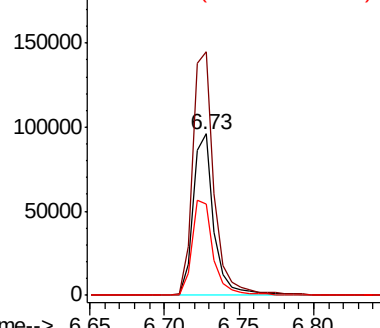
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94454
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.6
115 56.7 49.5 74.3



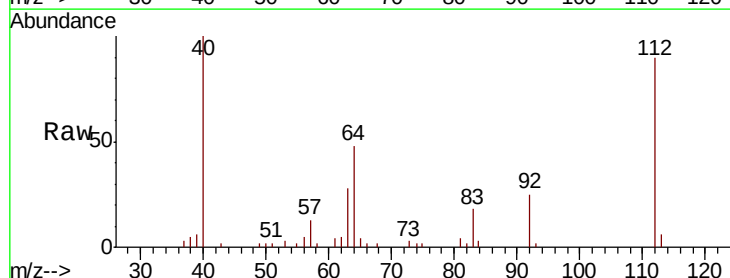
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



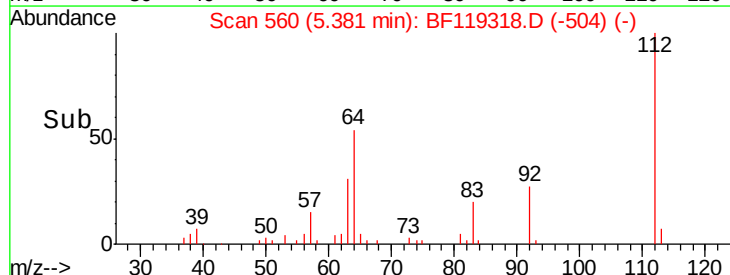
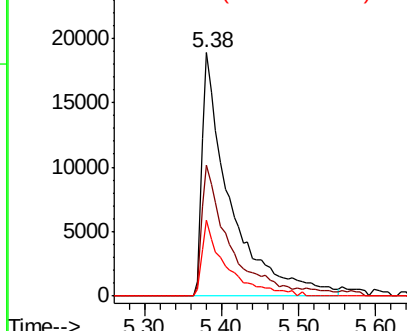
#5

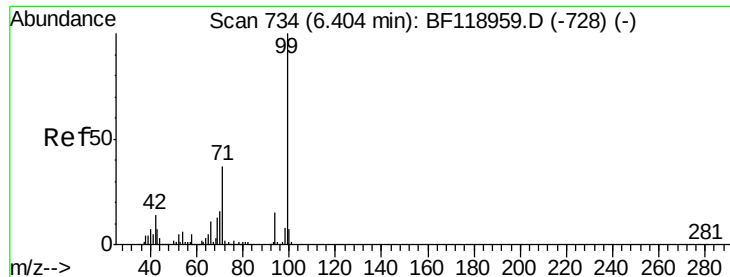
2-Fluorophenol
Concen: 8.484 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.03 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Tgt Ion:112 Resp: 47953
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 31.2 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: 8.611 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.03 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

Instrument :

BNA_F

ClientSampleId :

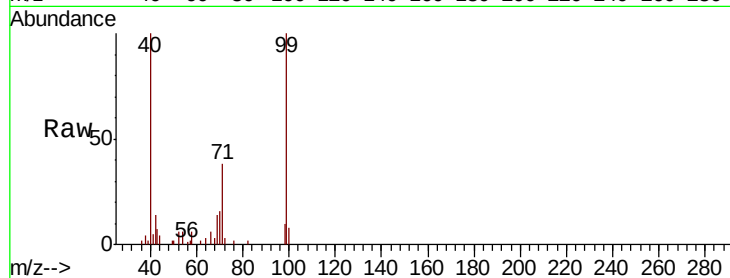
Tot Ion: 99 Resp: 59187

Ion Ratio Lower Upper

99 100

42 14.3 12.6 18.8

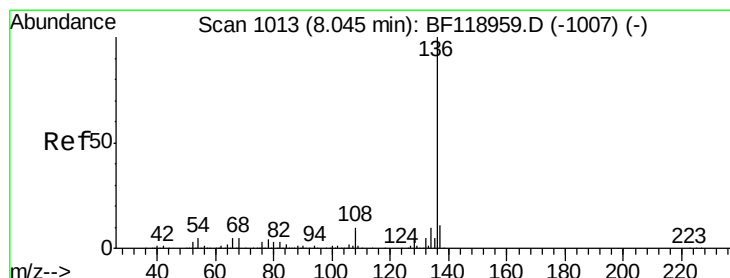
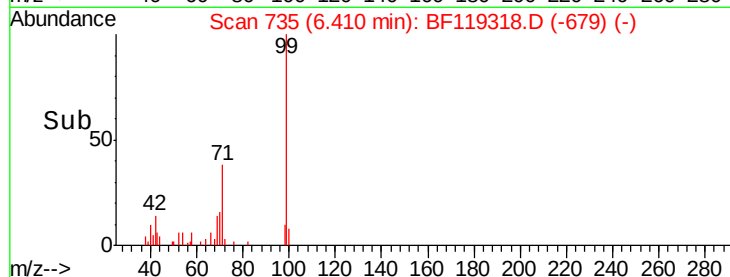
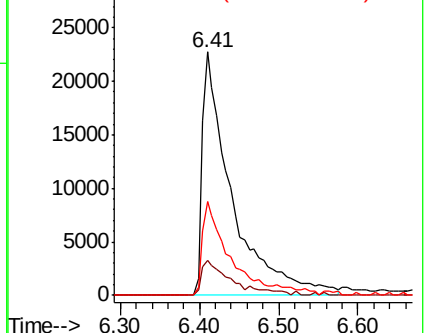
71 38.3 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

Tgt Ion: 136 Resp: 349793

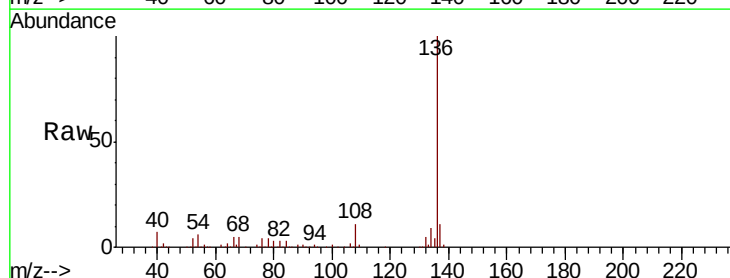
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.6 3.8 5.6

68 5.4 3.9 5.9

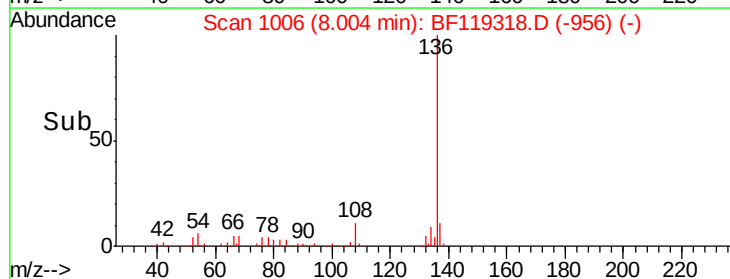
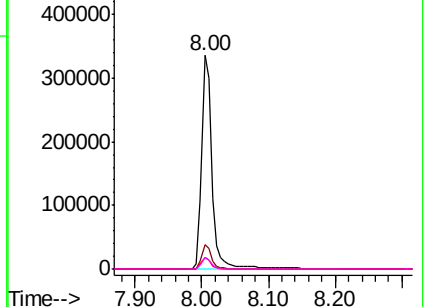


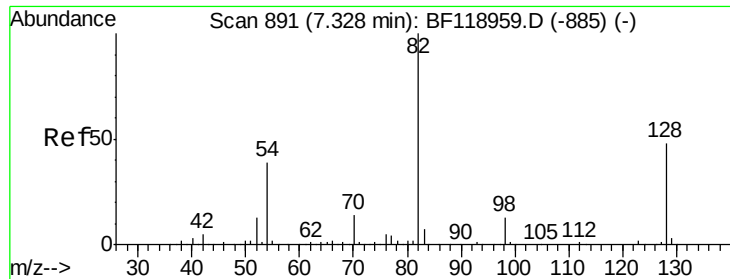
Abundance Ion 136.00 (135.70 to 136.70): E

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

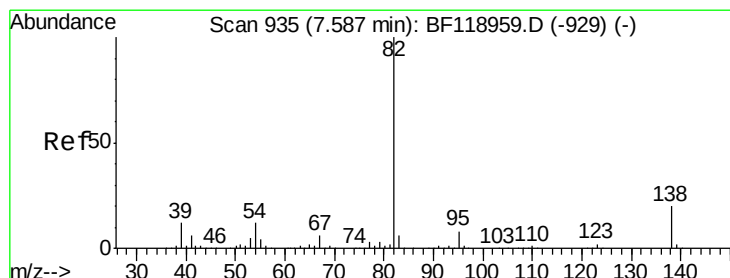
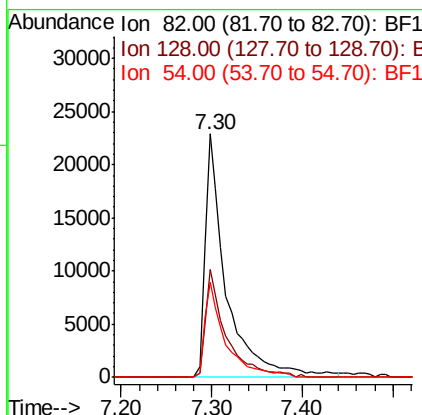
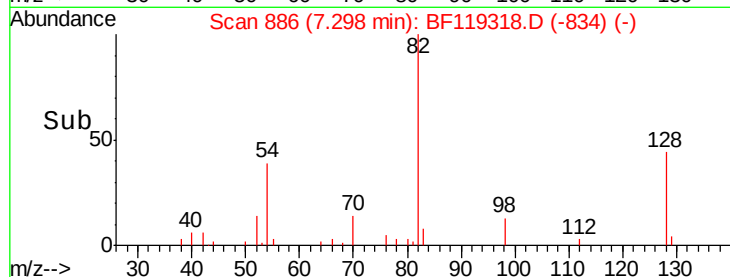
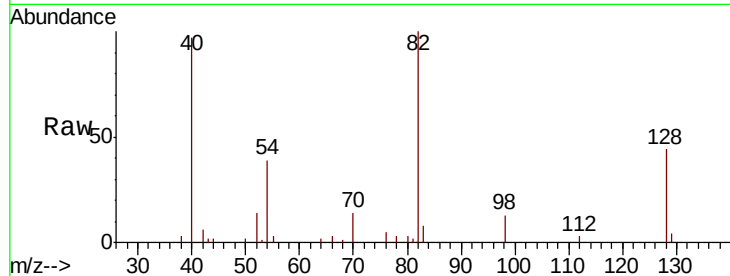




#23
Nitrobenzene-d5
Concen: 5.652 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

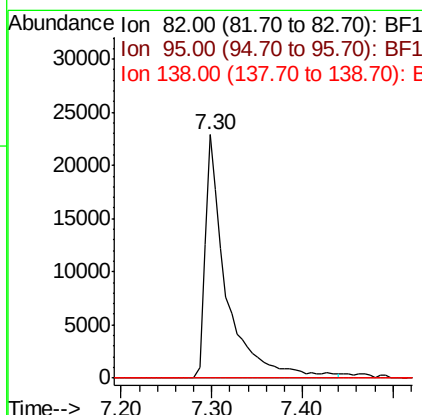
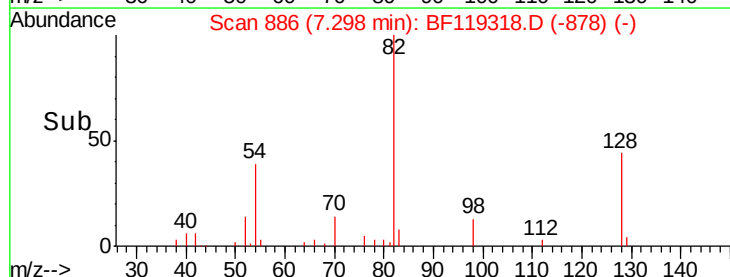
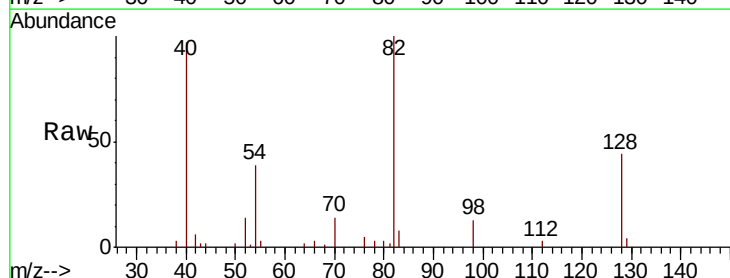
Instrument :
BNA_F
ClientSampleId :

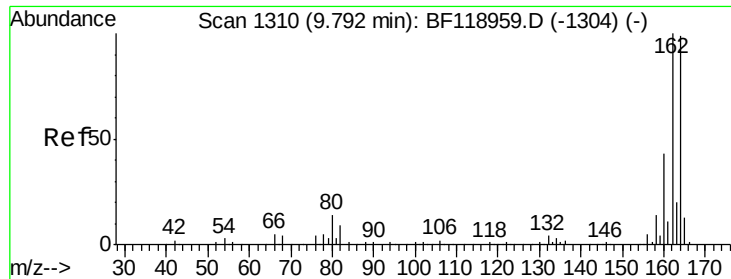
Tot Ion: 82 Resp: 37441
Ion Ratio Lower Upper
82 100
128 44.3 37.9 56.9
54 39.3 33.4 50.2



#25
Isophorone
Concen: 3.254 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.25 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Tgt Ion: 82 Resp: 37441
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

Instrument :

BNA_F

ClientSampleId :

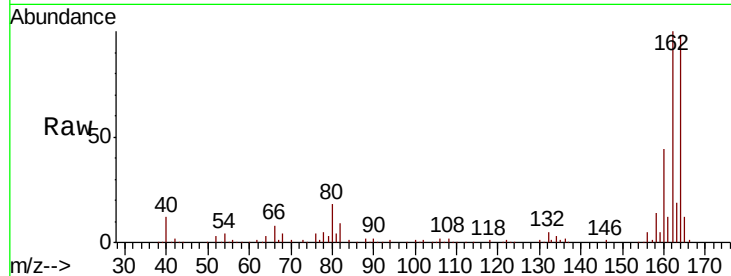
Tot Ion:164 Resp: 170239

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

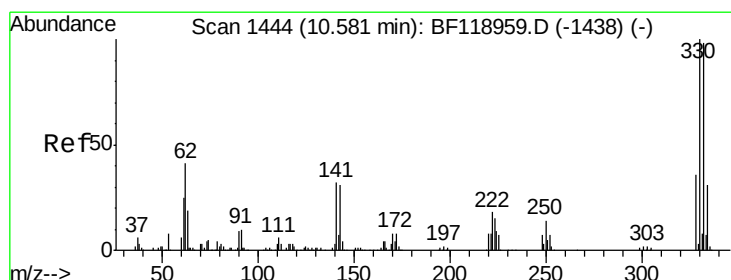
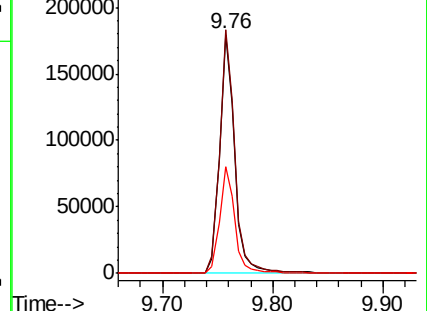
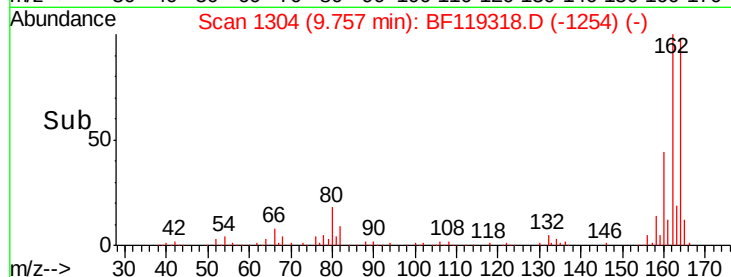
160 44.8 36.0 54.0



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: 6.584 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

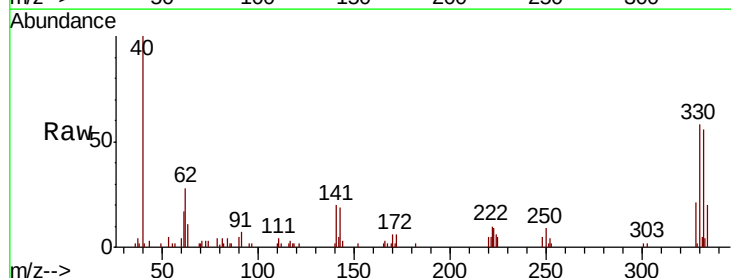
Tgt Ion:330 Resp: 14663

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

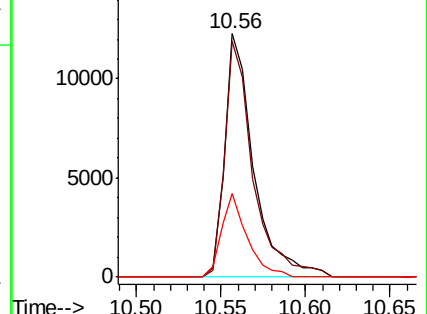
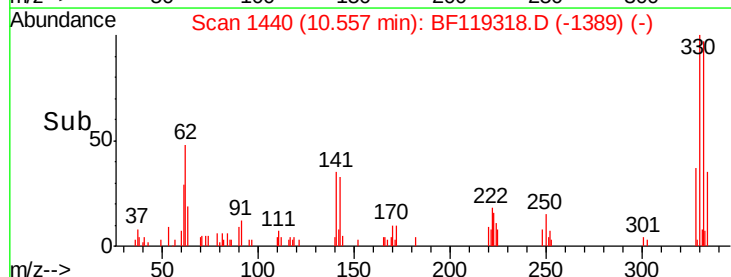
141 30.6 22.9 34.3

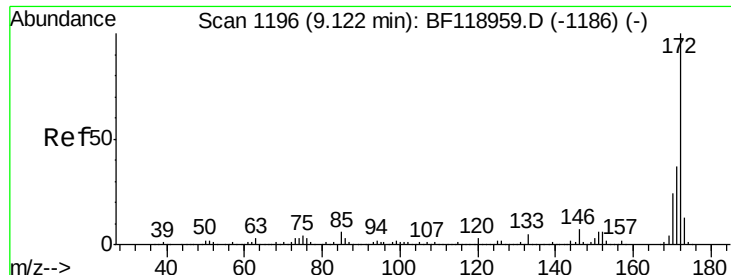


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

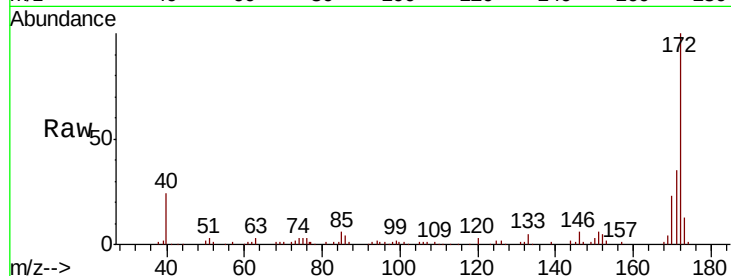




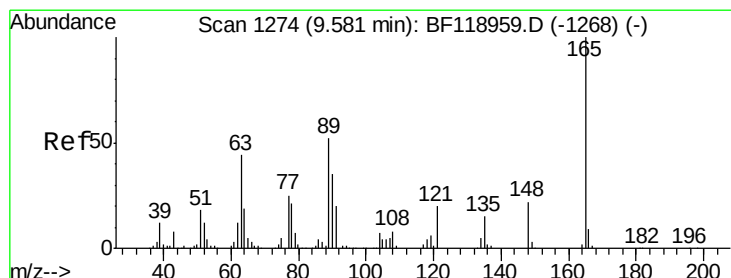
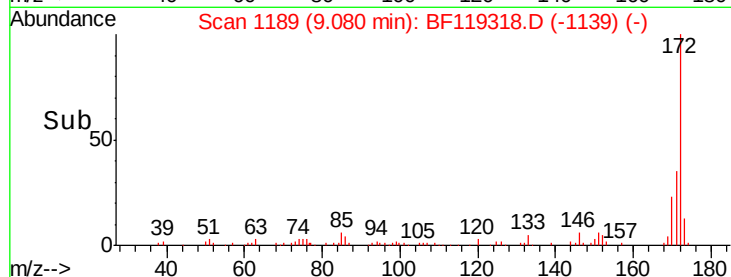
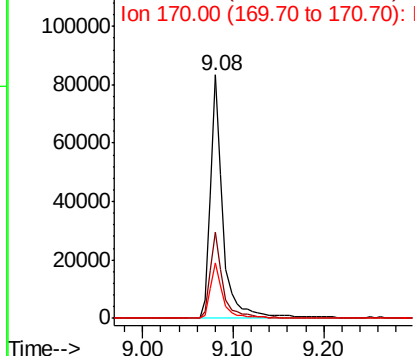
#45
2-Fluorobiphenyl
Concen: 7.112 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 82191
Ion Ratio Lower Upper
172 100
171 35.3 30.6 45.8
170 22.6 20.2 30.2

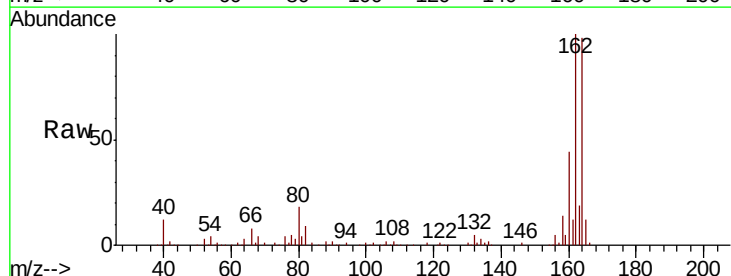


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

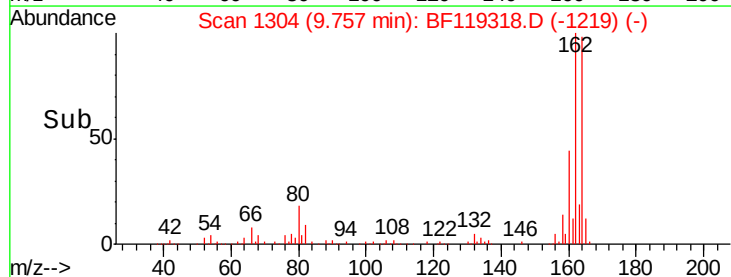
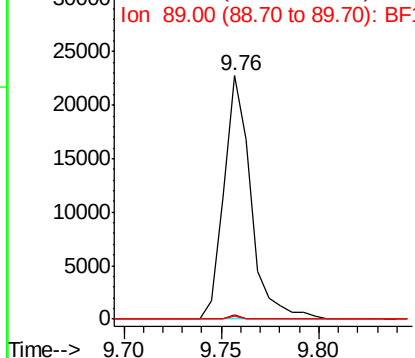


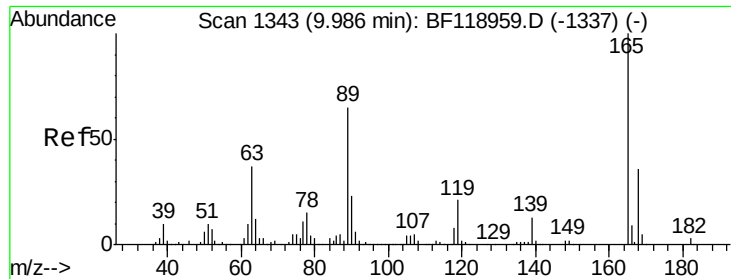
#51
2,6-Dinitrotoluene
Concen: 7.571 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Tgt Ion:165 Resp: 21897
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.4 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

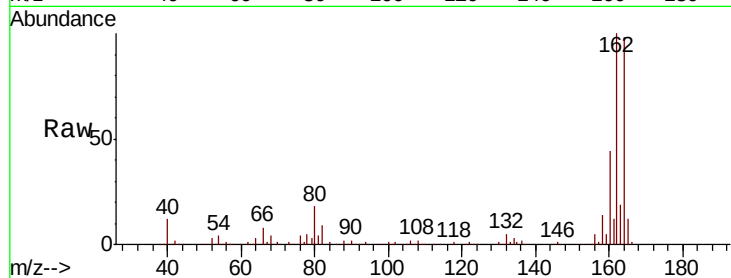




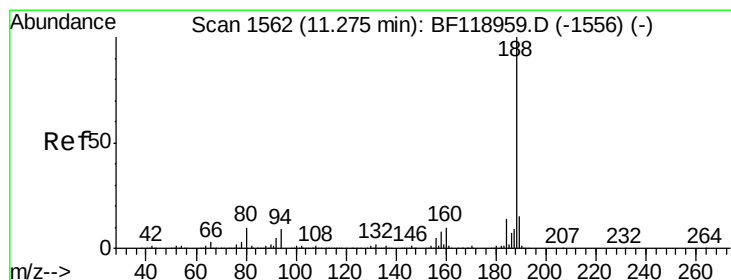
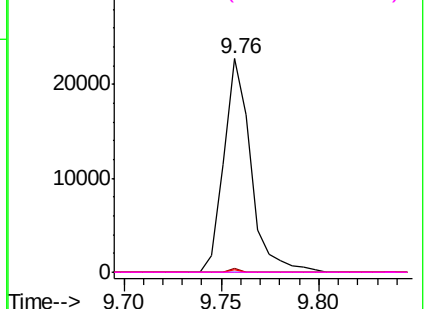
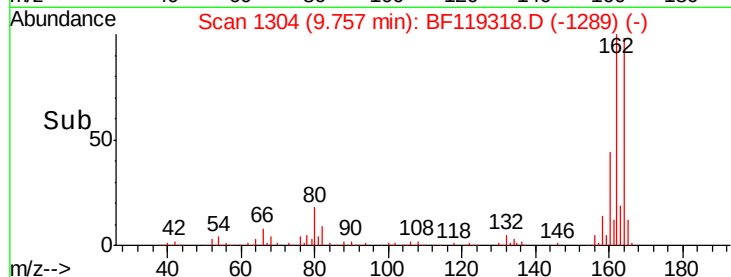
#57
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#

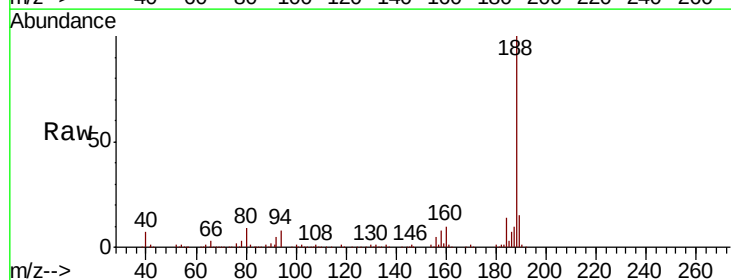


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

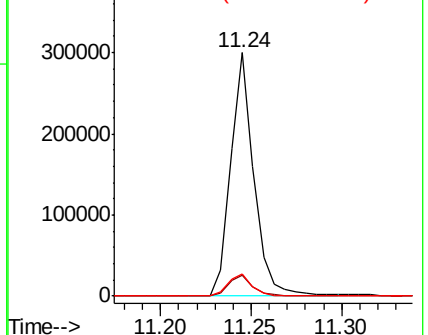
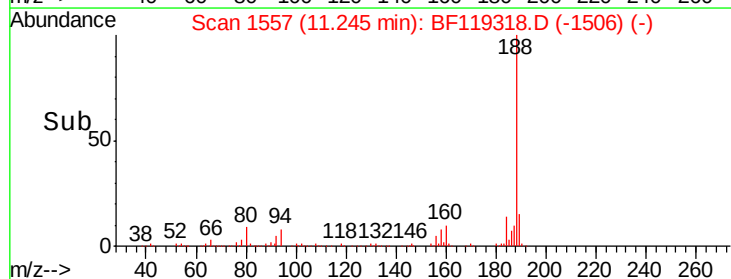


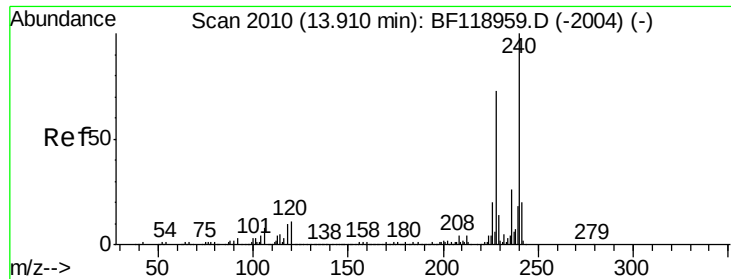
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119318.D
Acq: 10 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.1	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

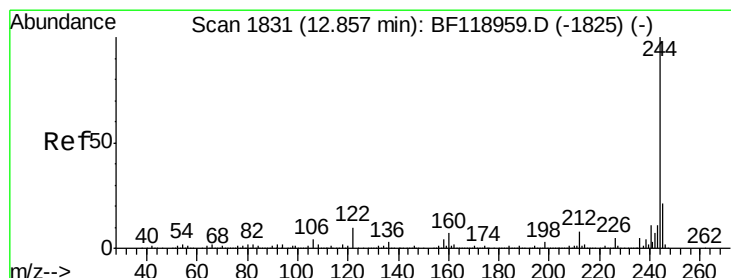
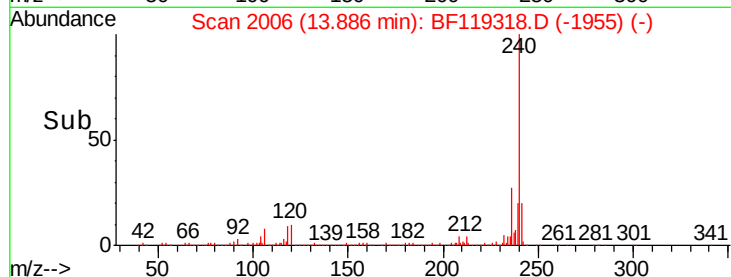
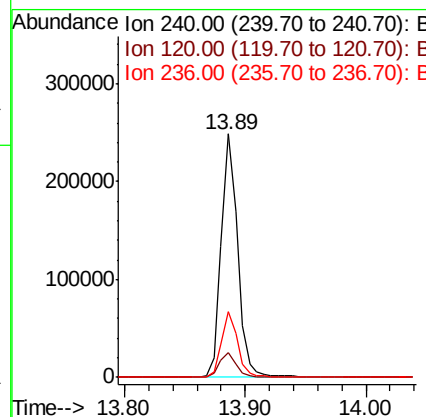
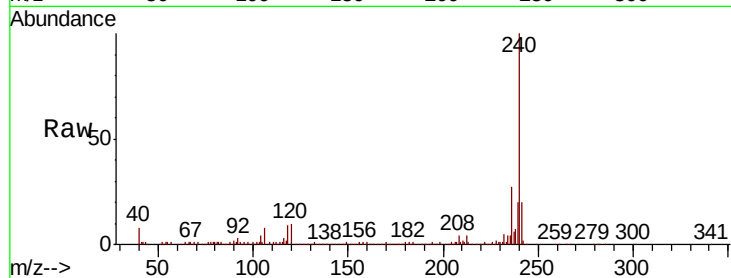




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119318.D
 Acq: 10 Mar 2020 15:52

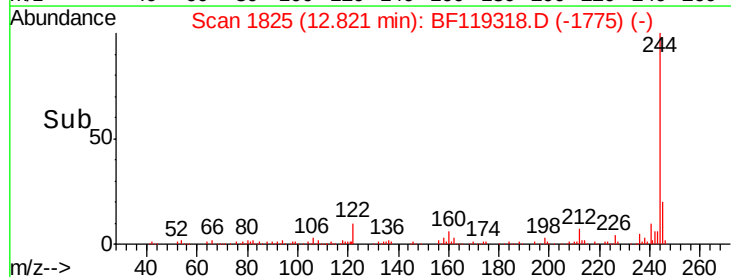
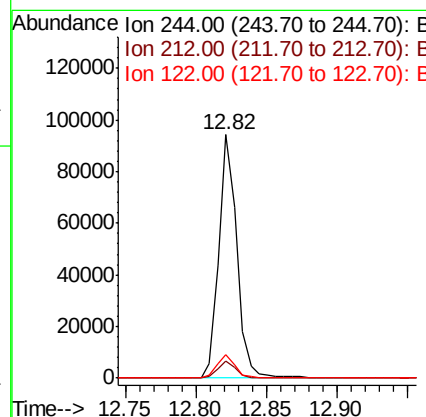
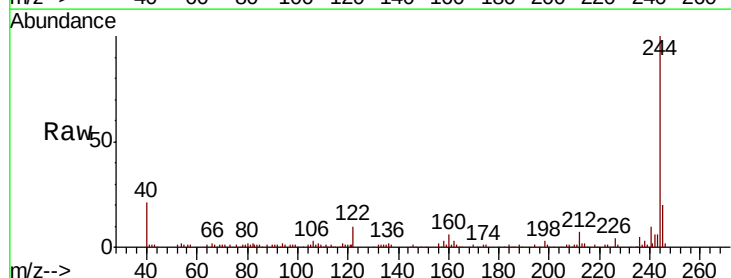
Instrument :
 BNA_F
 ClientSampleId :

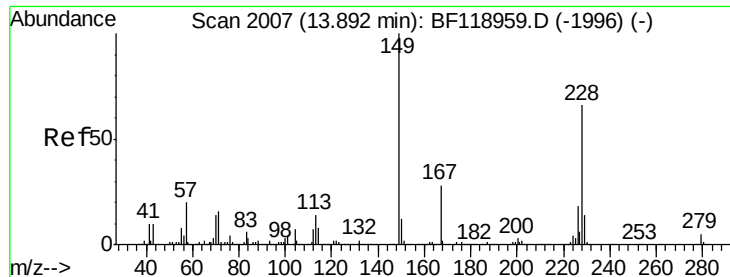
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.8	21.0	31.4



#79
 Terphenyl-d14
 Concen: 6.226 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119318.D
 Acq: 10 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	9.8	8.2	12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 54.752 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

Instrument :

BNA_F

ClientSampleId :

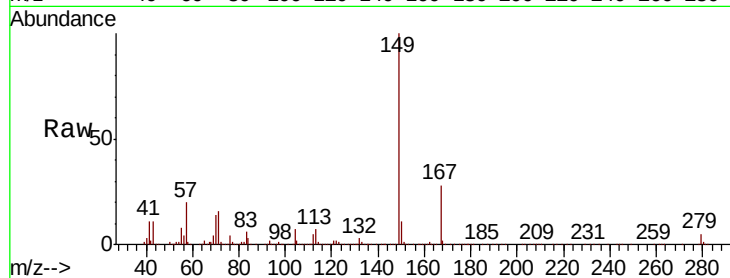
Tot Ion:149 Resp: 545502

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

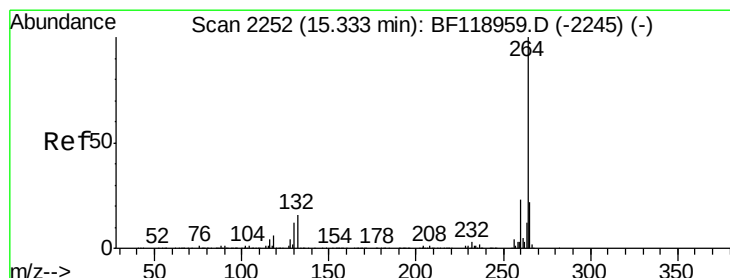
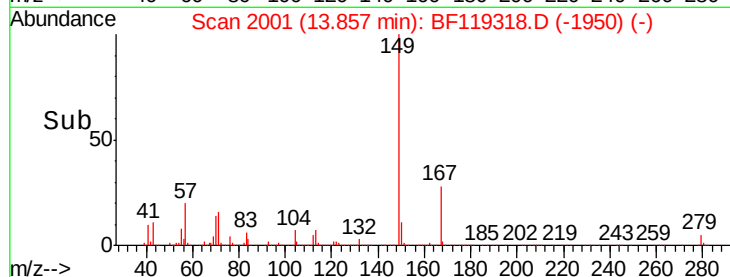
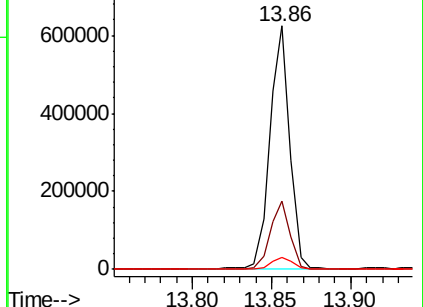
279 5.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF119318.D

Acq: 10 Mar 2020 15:52

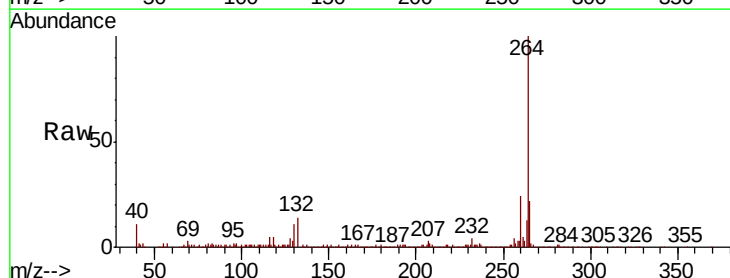
Tgt Ion:264 Resp: 221155

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.0 17.7 26.5



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

