

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118053.D
 Acq On : 27 Nov 2019 20:55
 Operator : JU
 Sample : K5999-02 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 00:16:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

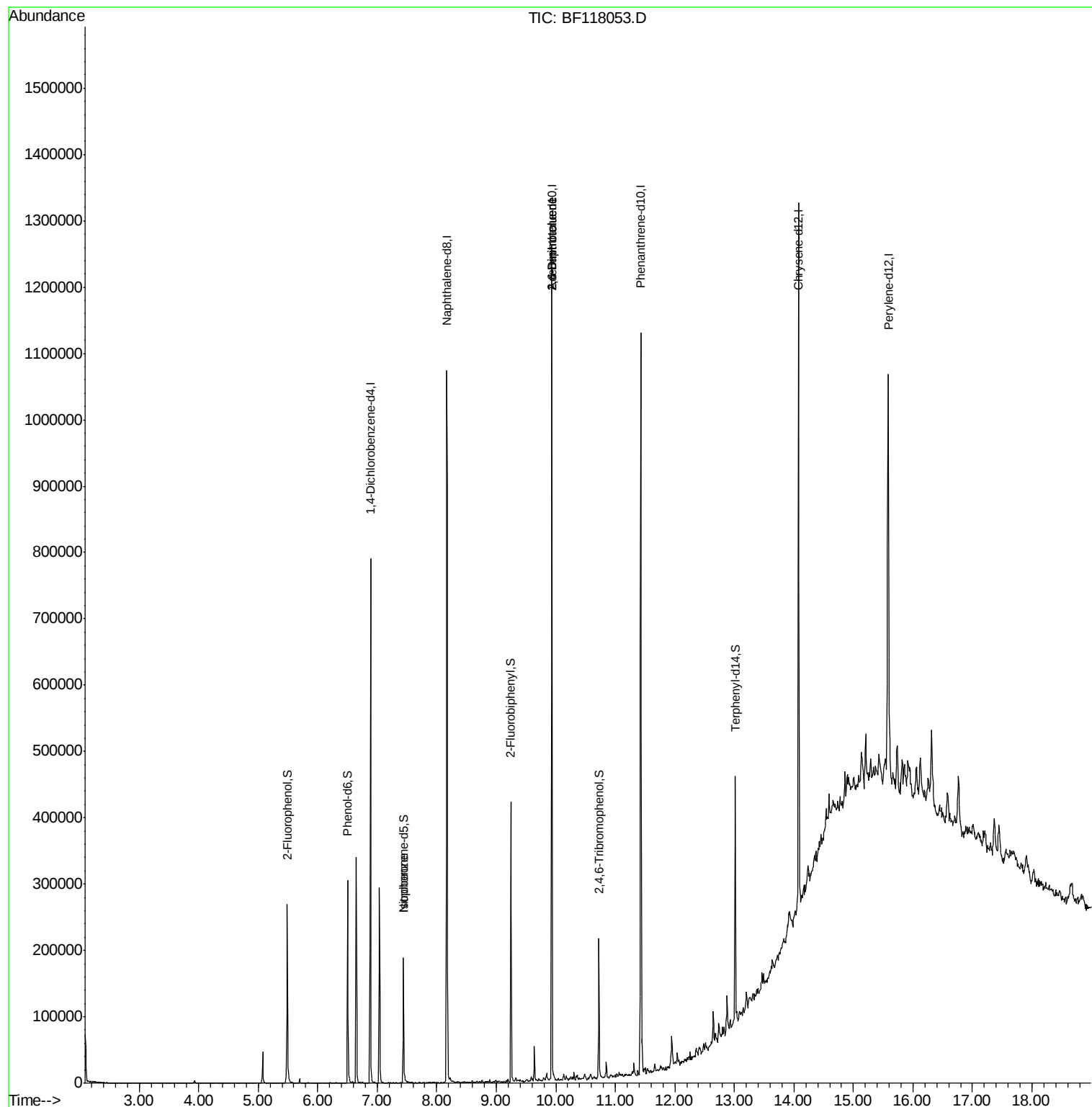
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123246	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	483255	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	231825	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	372728	20.00	ng	0.00
76) Chrysene-d12	14.08	240	314844	20.00	ng	0.00
87) Perylene-d12	15.59	264	292148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	82297	11.82	ng	-0.01
7) Phenol-d6	6.50	99	106807	12.72	ng	-0.02
23) Nitrobenzene-d5	7.44	82	59096	7.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	25377	10.34	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	117525	9.09	ng	-0.02
79) Terphenyl-d14	13.02	244	112443	6.53	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	1957	Below Cal		87
25) Isophorone	7.44	82	59095	3.966 ng	#	62
51) 2,6-Dinitrotoluene	9.93	165	30456	8.572 ng	#	23
57) 2,4-Dinitrotoluene	9.93	165	30456	6.739 ng	#	24
75) Fluoranthene	12.65	202	19245	Below Cal		98

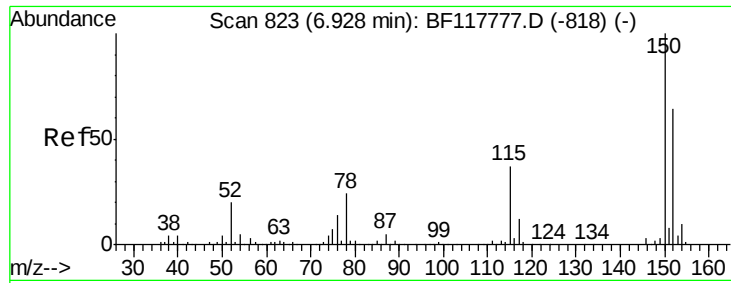
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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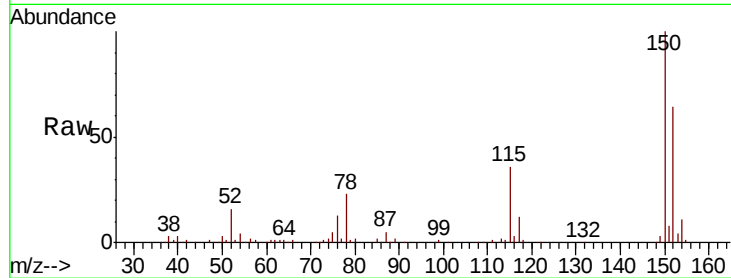


#1

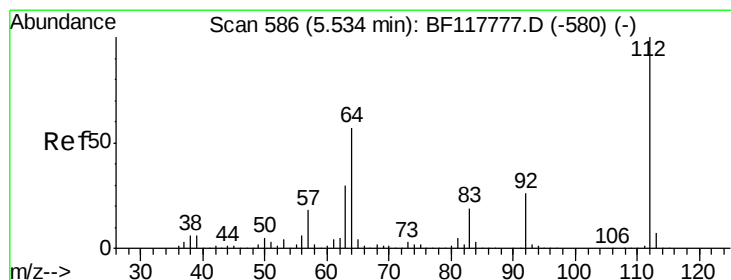
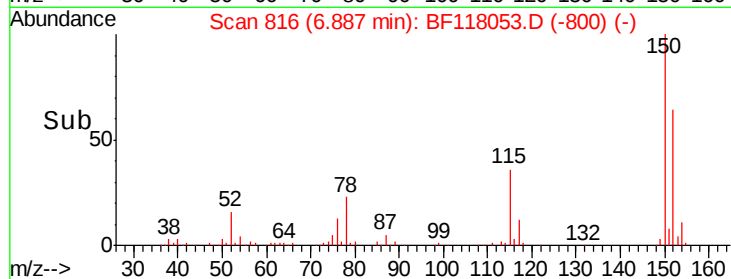
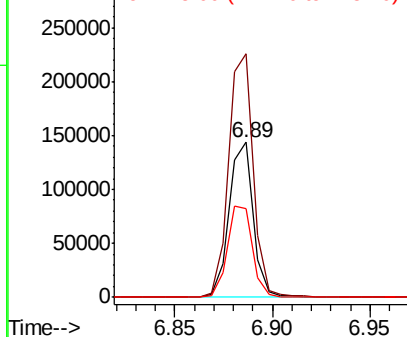
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123246
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 57.3 47.0 70.4



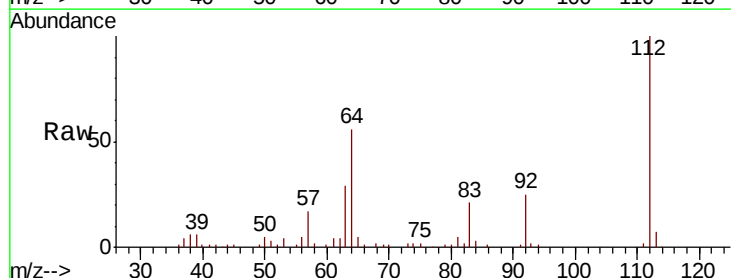
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



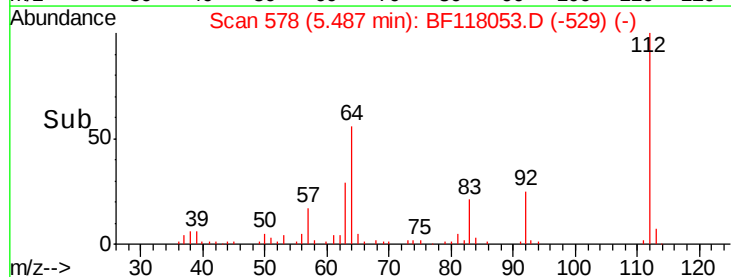
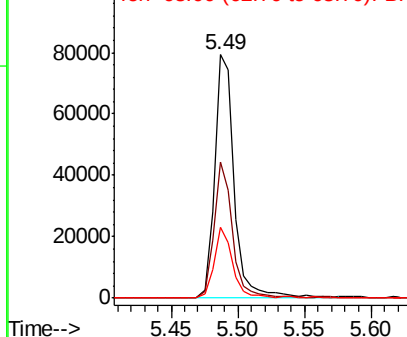
#5

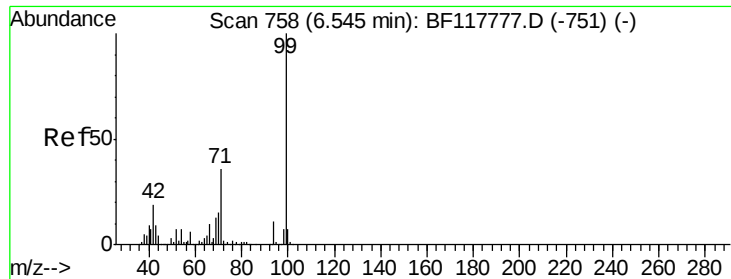
2-Fluorophenol
Concen: 11.820 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Tgt Ion:112 Resp: 82297
Ion Ratio Lower Upper
112 100
64 56.0 45.6 68.4
63 29.0 24.1 36.1



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: 12.718 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

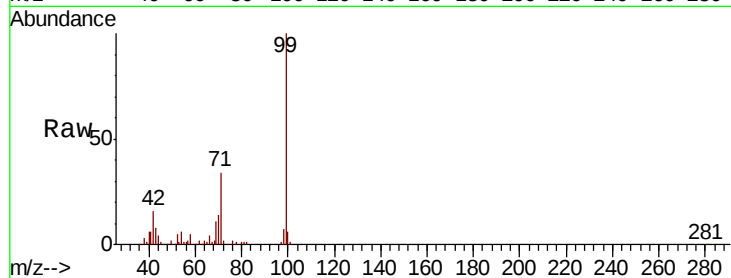
Tot Ion: 99 Resp: 106807

Ion Ratio Lower Upper

99 100

42 15.6 14.9 22.3

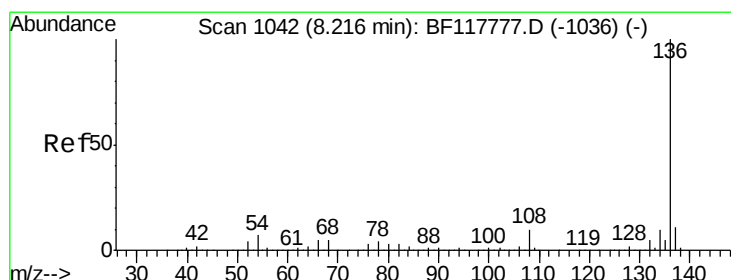
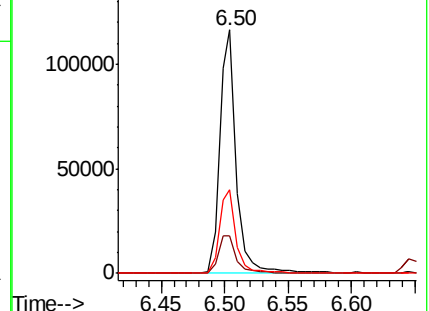
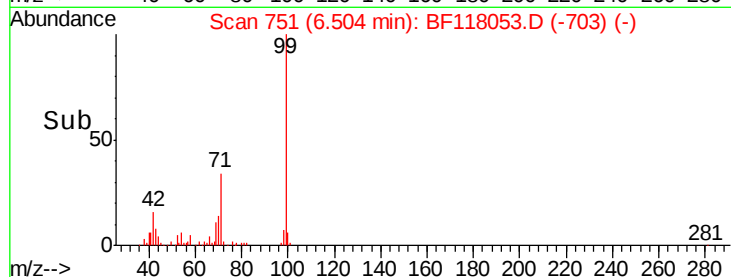
71 34.1 28.6 43.0



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Tgt Ion: 136 Resp: 483255

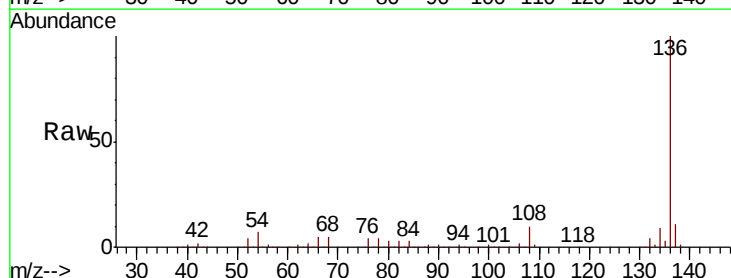
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.4 8.2

68 4.9 4.3 6.5

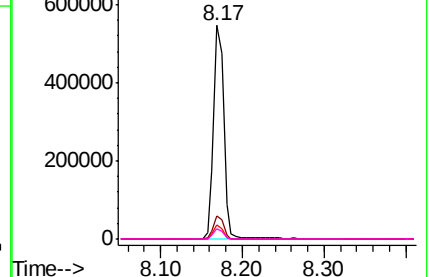
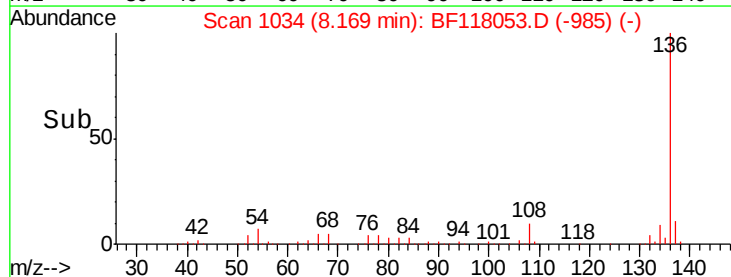


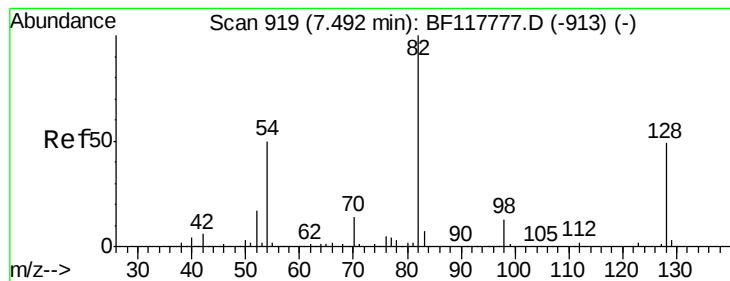
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.269 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

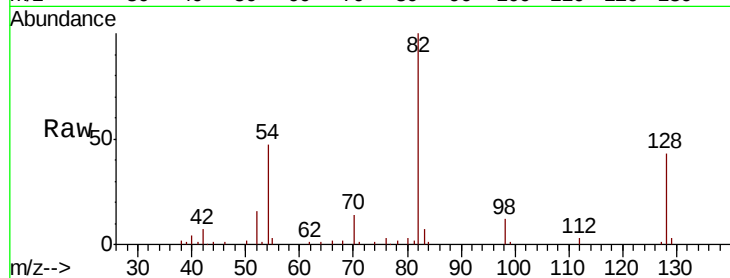
Tot Ion: 82 Resp: 59096

Ion Ratio Lower Upper

82 100

128 43.0 38.9 58.3

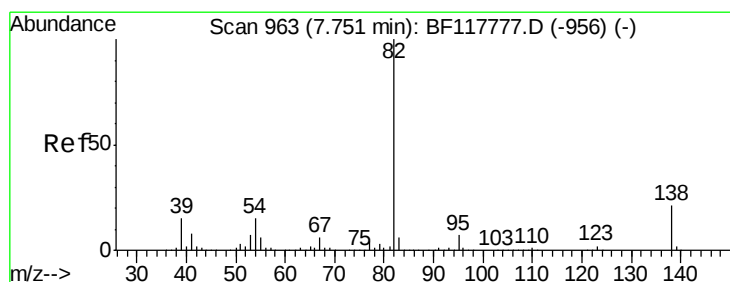
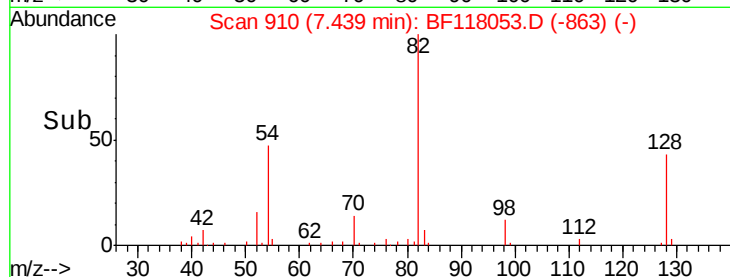
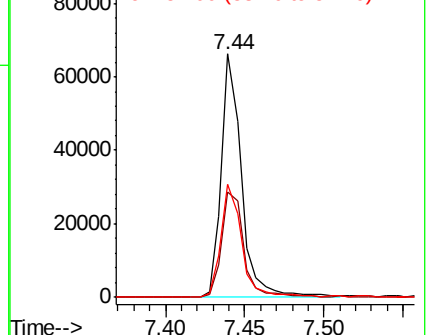
54 46.7 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.966 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.28 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

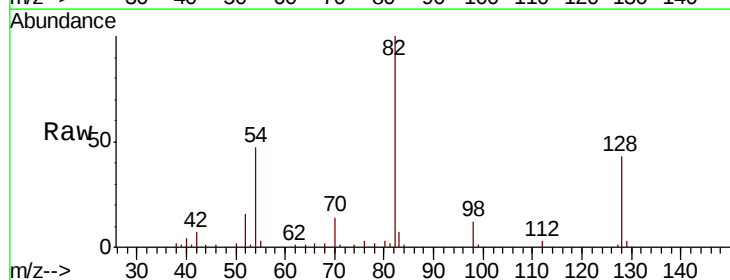
Tgt Ion: 82 Resp: 59095

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

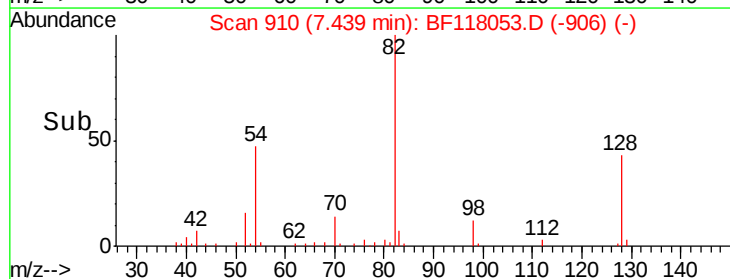
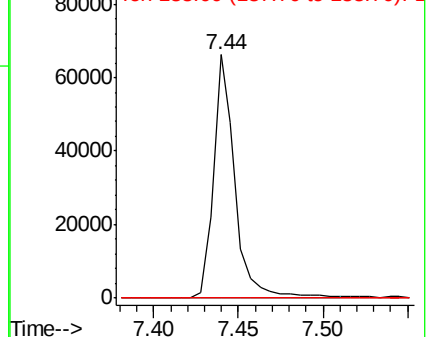
138 0.0 16.5 24.7#

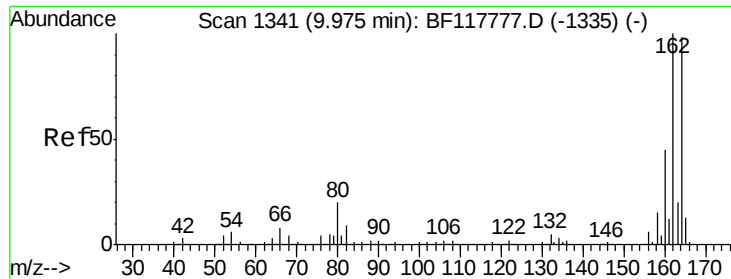


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

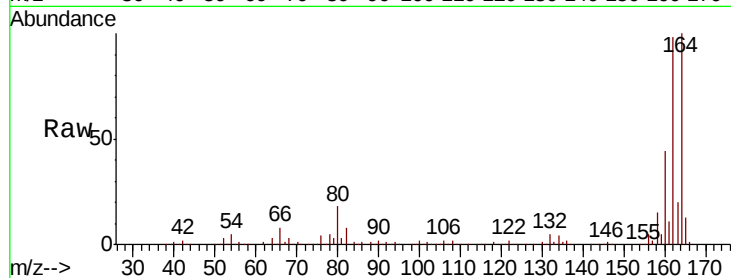




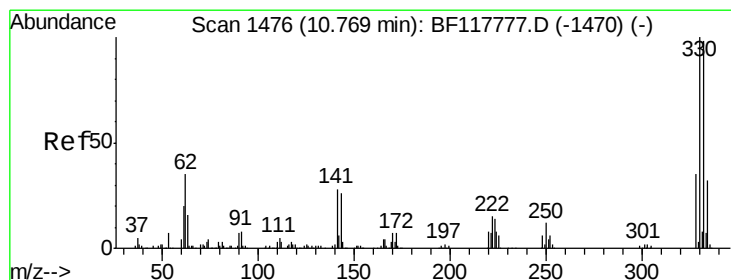
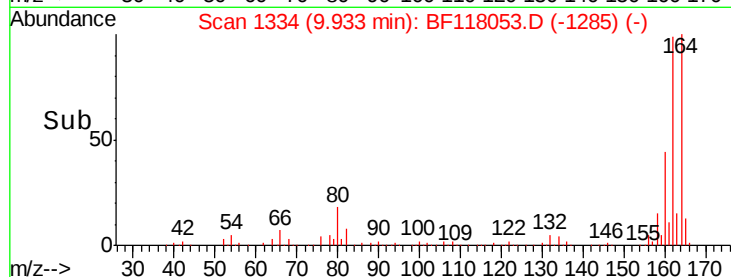
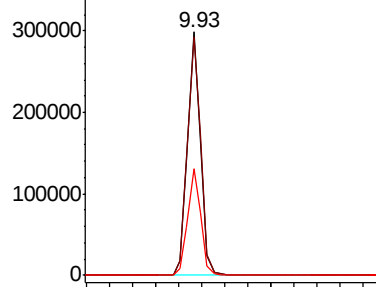
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.3	121.9
160	44.0	36.6	55.0

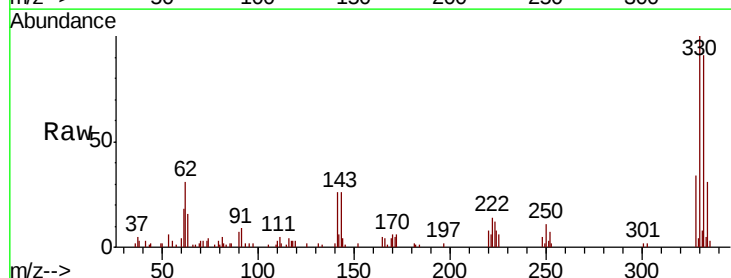


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

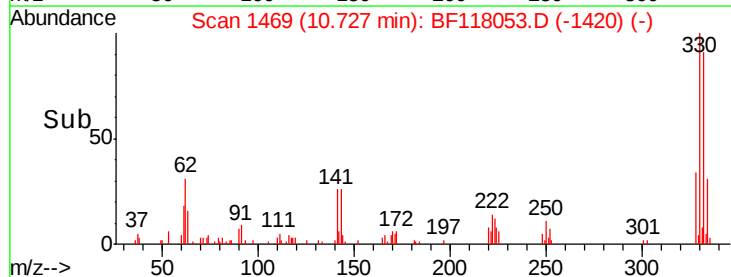
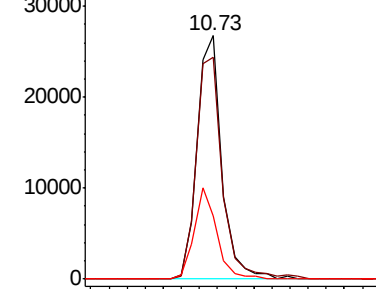


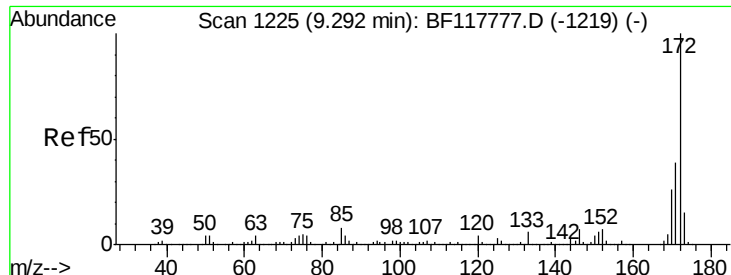
#42
2,4,6-Tribromophenol
Concen: 10.340 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	34.4	27.7	41.5



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

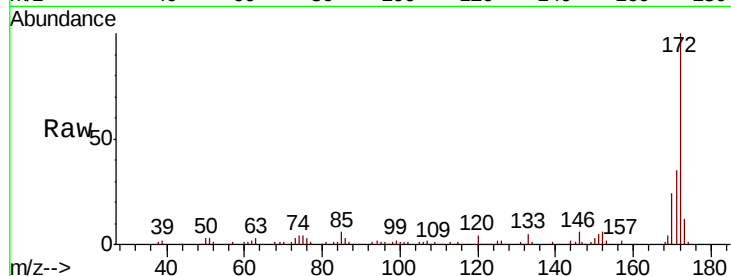




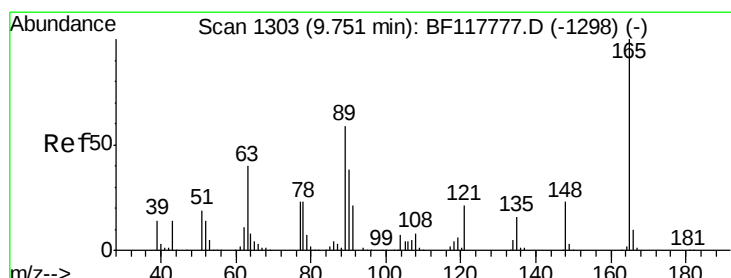
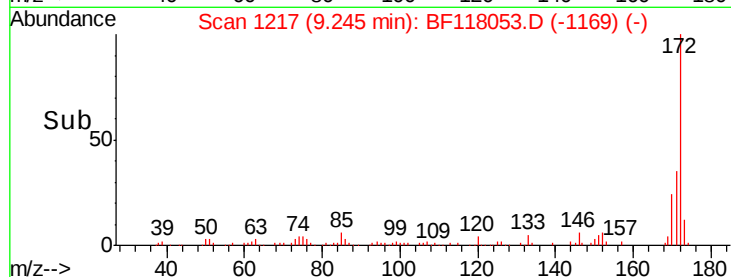
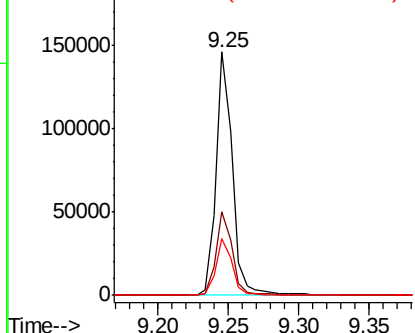
#45
2-Fluorobiphenyl
Concen: 9.095 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.9	46.3
170	23.5	21.0	31.4

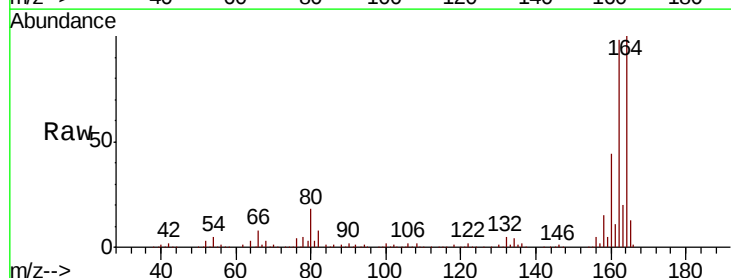


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

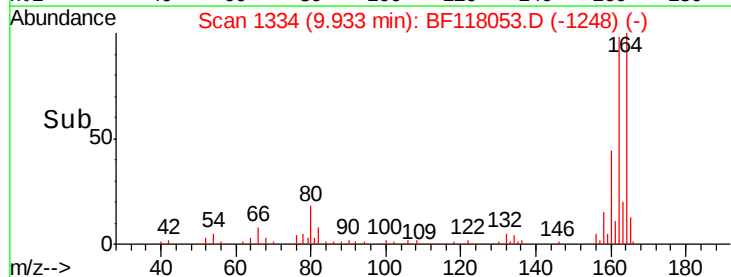
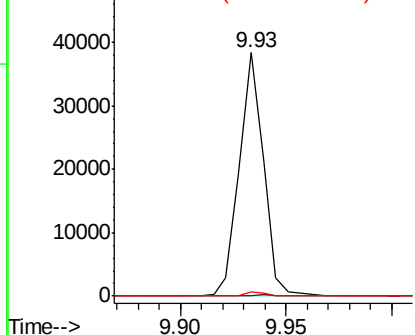


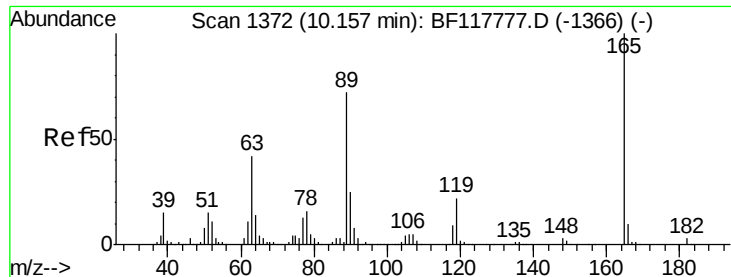
#51
2,6-Dinitrotoluene
Concen: 8.572 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.7	47.7	71.5#



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

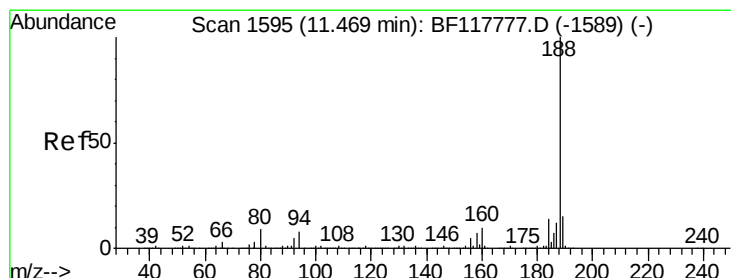
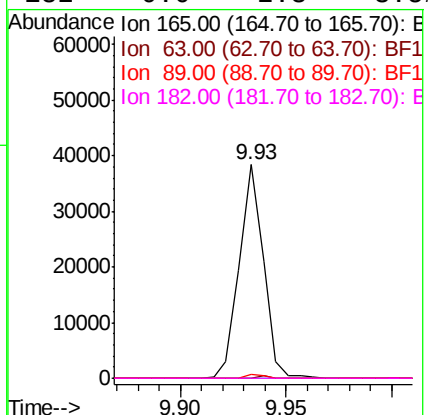
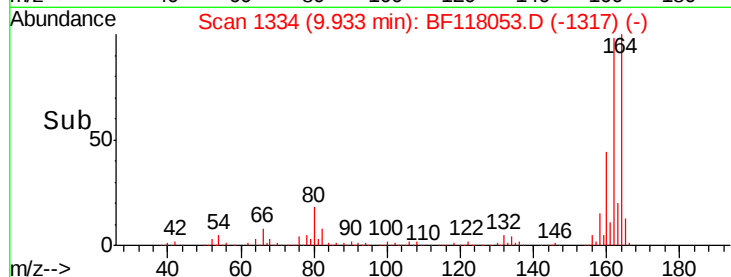
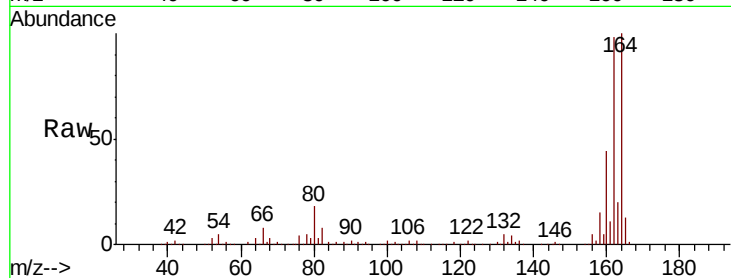




#57
 2,4-Dinitrotoluene
 Concen: 6.739 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.20 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

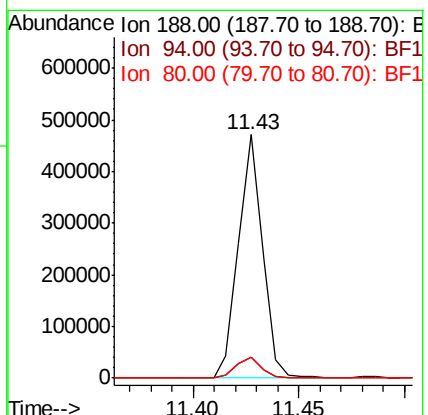
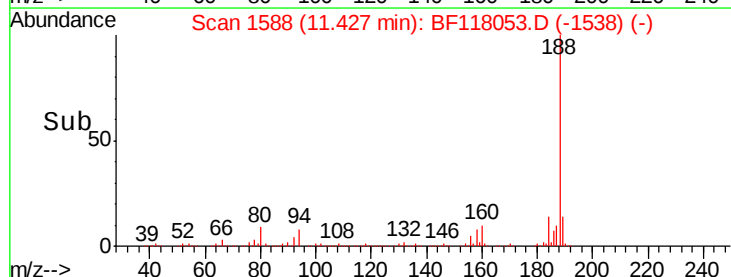
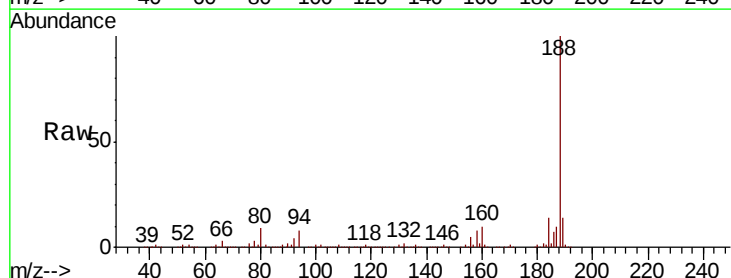
Instrument :
 BNA_F
 ClientSampleId :

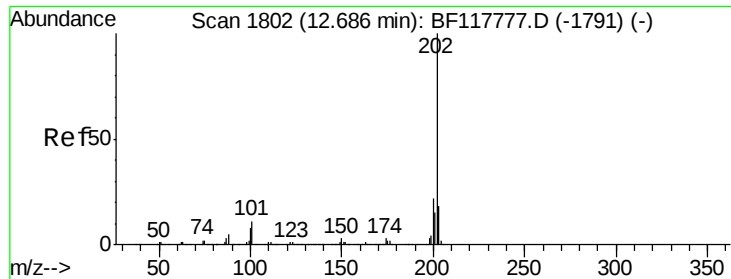
Tot Ion:165	Resp:	30456
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.7 50.5#
89	1.7	57.3 85.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Tgt Ion:188	Resp:	372728
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.6 10.0
80	8.6	7.2 10.8





#75

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

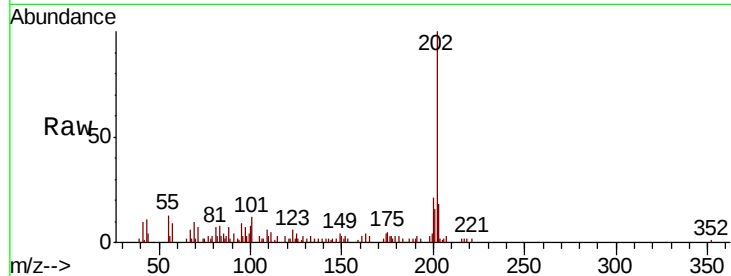
Tot Ion:202 Resp: 19245

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.1

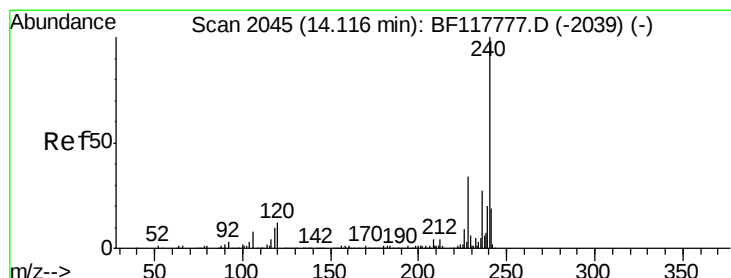
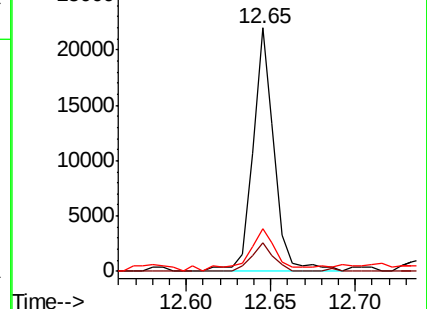
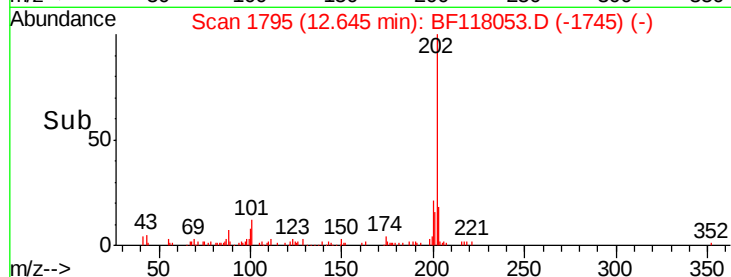
203 17.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

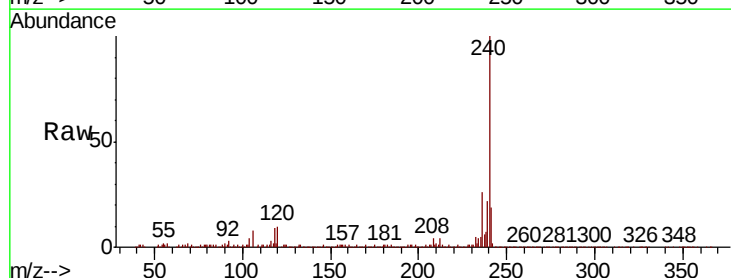
Tgt Ion:240 Resp: 314844

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

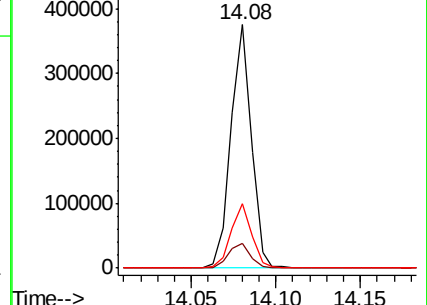
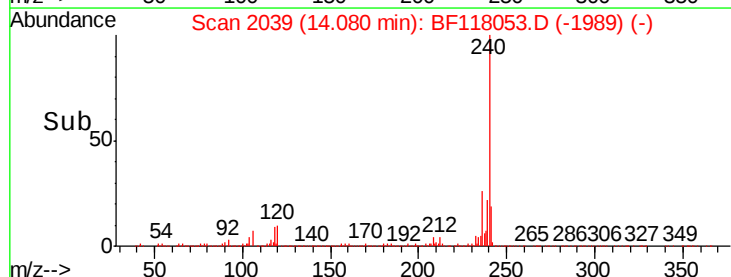
236 26.3 21.3 31.9

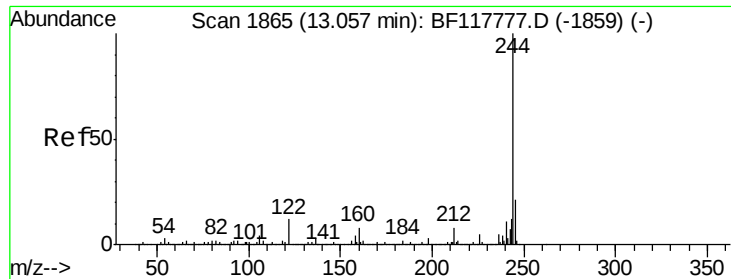


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.527 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

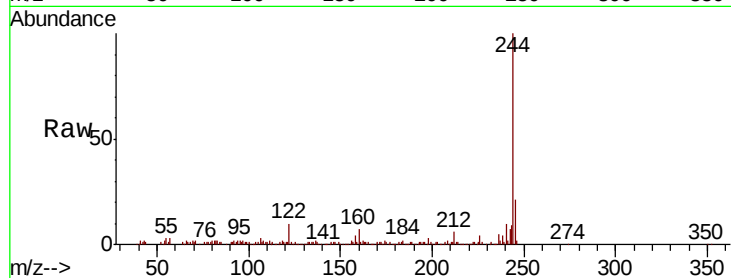
Tot Ion:244 Resp: 112443

Ion Ratio Lower Upper

244 100

212 6.2 6.3 9.5#

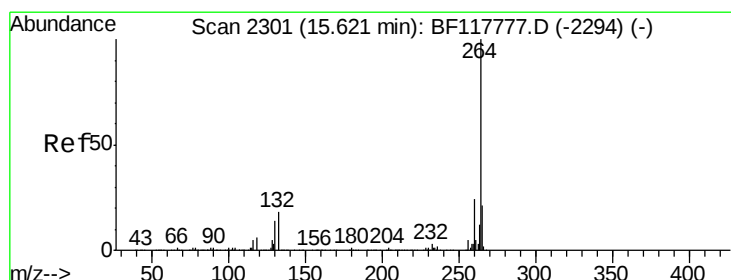
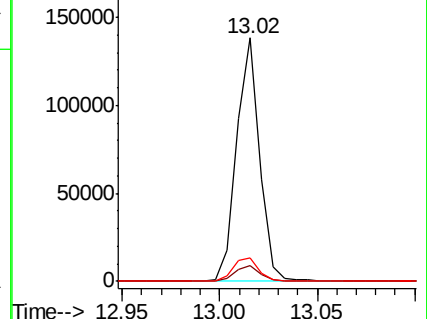
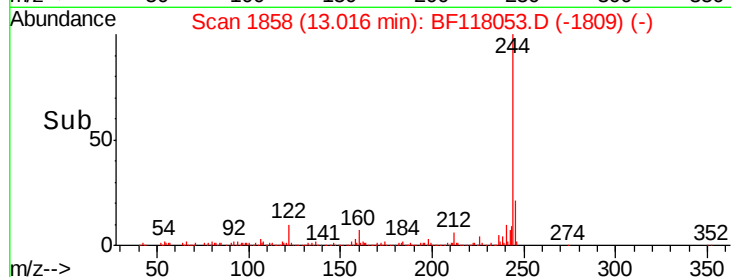
122 9.6 9.4 14.2



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

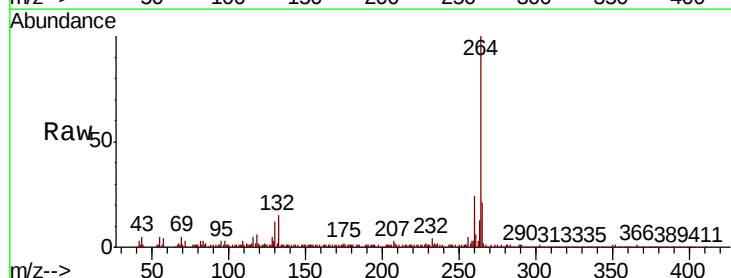
Tgt Ion:264 Resp: 292148

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.3 17.1 25.7



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

