

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114393.D
 Acq On : 18 May 2019 16:11
 Operator : JU/SJ
 Sample : K2880-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:10:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

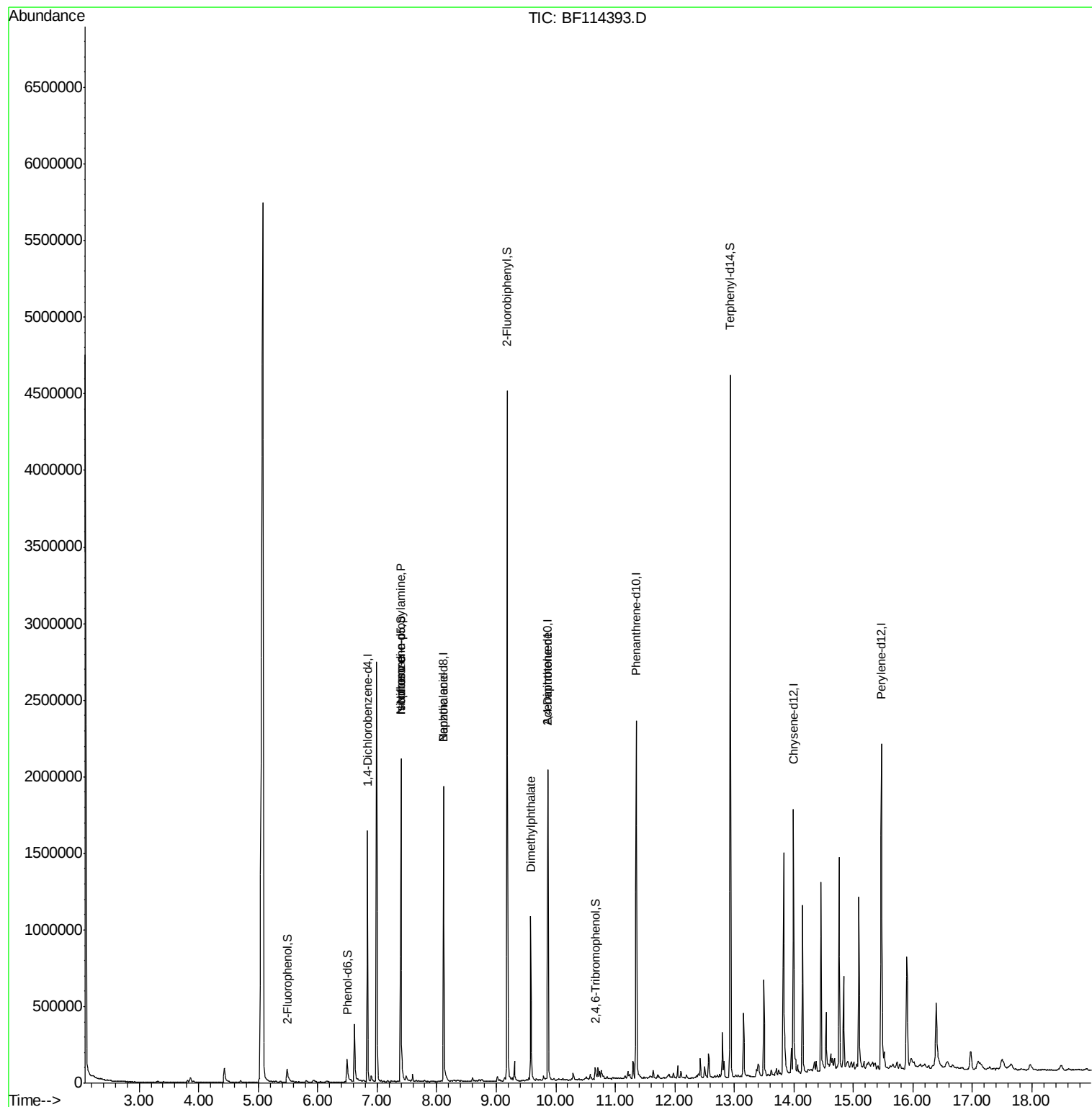
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234827	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	910961	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	433187	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	871089	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	642189	20.00	ng	-0.03
87) Perylene-d12	15.47	264	615455	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	55607	3.81	ng	0.00
7) Phenol-d6	6.49	99	67174	3.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	753808	46.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	10545	2.35	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1376269	48.06	ng	-0.02
79) Terphenyl-d14	12.93	244	1581489	50.77	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	100038	9.145	ng	# 75
25) Isophorone	7.40	82	753795	25.039	ng	# 64
32) Benzoic acid	8.12	122	113	7.031	ng	# 1
50) Dimethylphthalate	9.58	163	449181	14.125	ng	99
57) 2,4-Dinitrotoluene	9.87	165	56562	5.908	ng	# 25

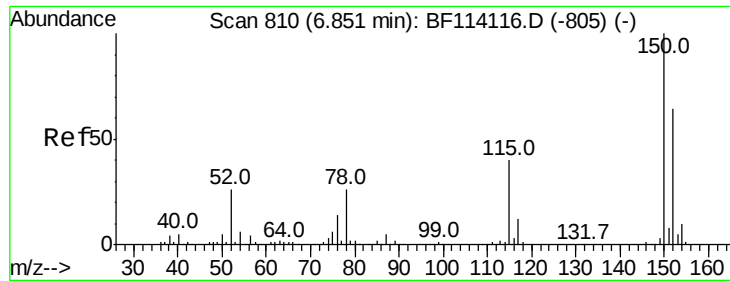
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: May 20 04:10:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampleId :

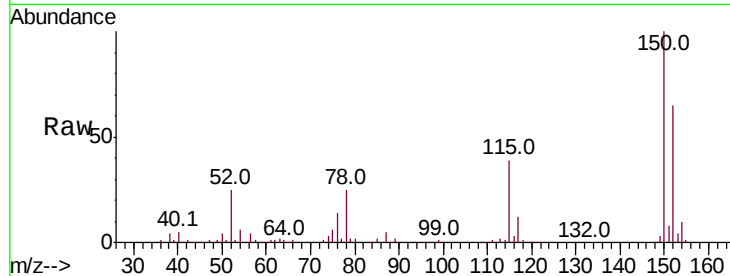
Tot Ion:152 Resp: 234827

Ion Ratio Lower Upper

152 100

150 154.4 124.3 186.5

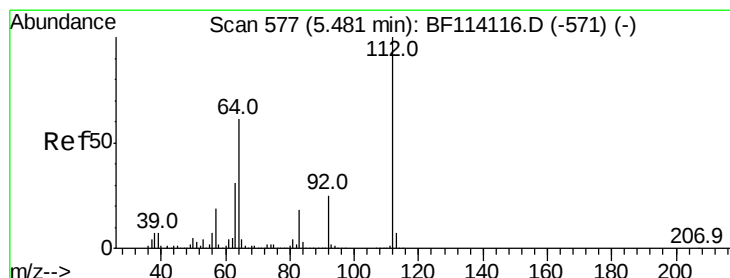
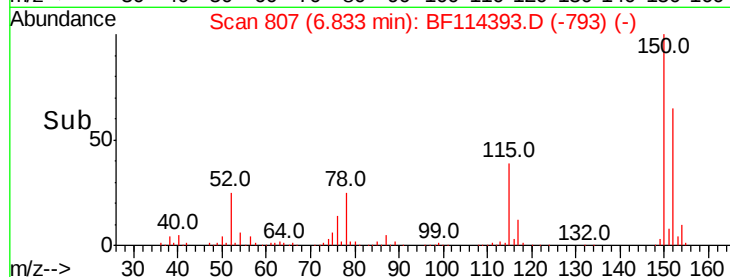
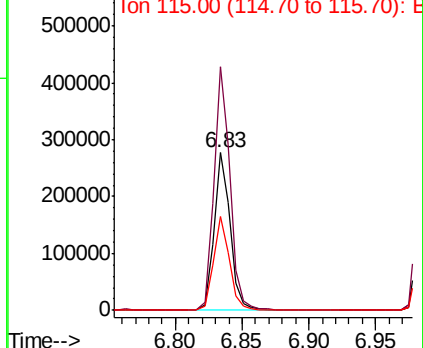
115 59.5 49.1 73.7



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: 3.811 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

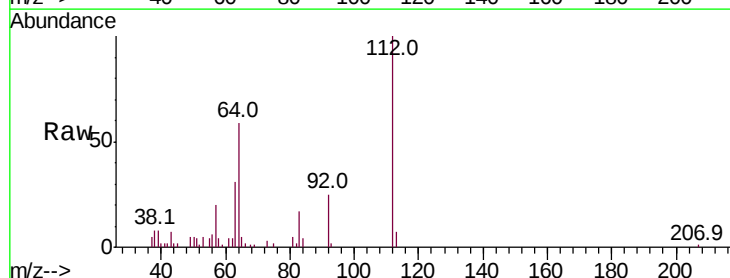
Tgt Ion:112 Resp: 55607

Ion Ratio Lower Upper

112 100

64 59.1 49.0 73.6

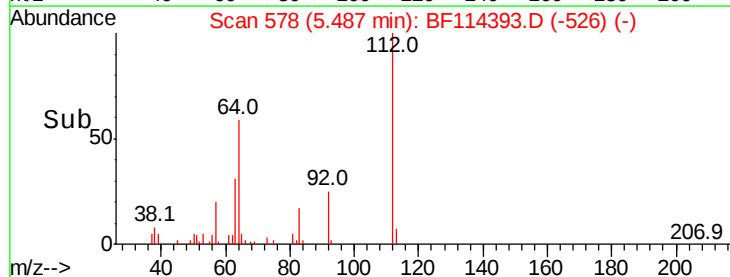
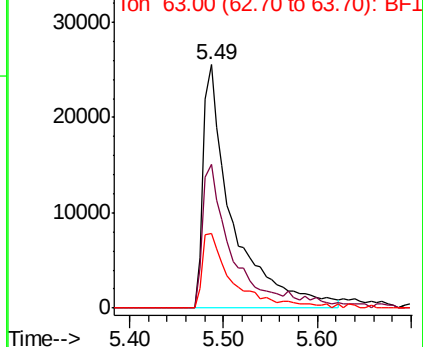
63 30.6 24.6 37.0



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: 3.892 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampleId :

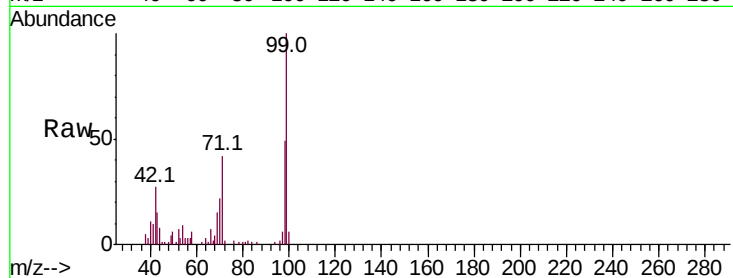
Tot Ion: 99 Resp: 67174

Ion Ratio Lower Upper

99 100

42 26.6 17.9 26.9

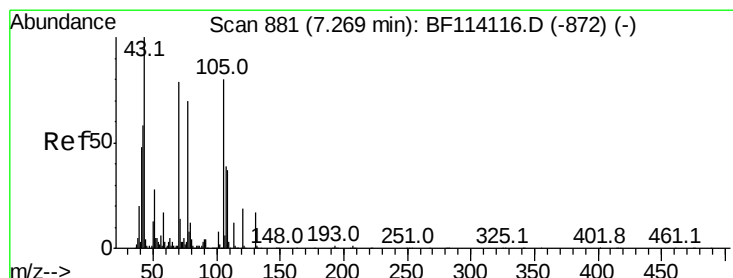
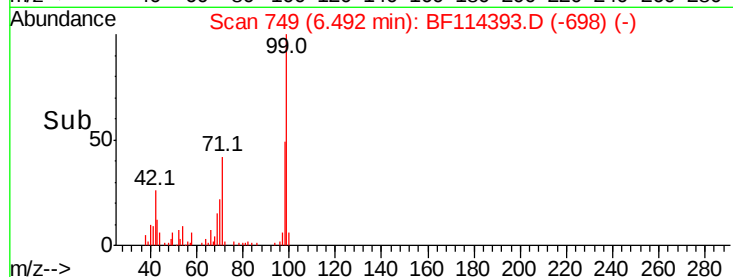
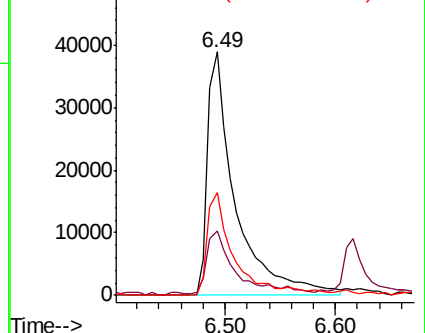
71 42.0 26.2 39.2#



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: 9.145 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Tgt Ion: 70 Resp: 100038

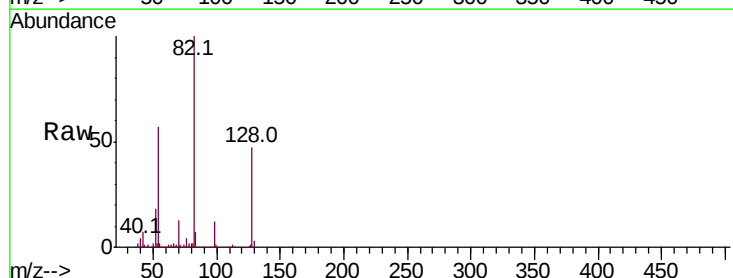
Ion Ratio Lower Upper

70 100

42 55.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

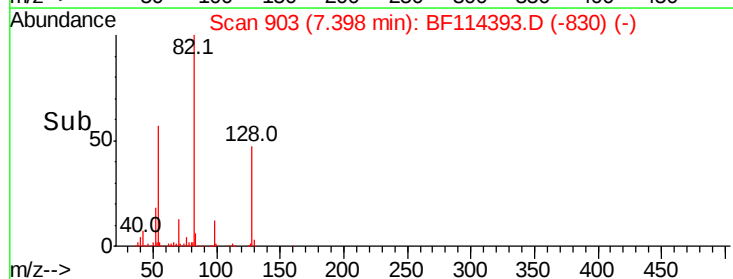
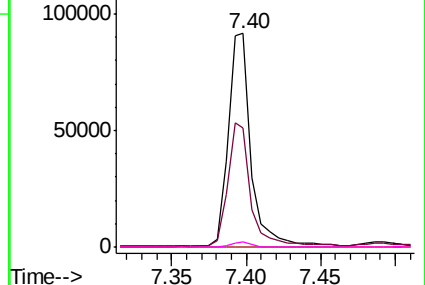


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 910961

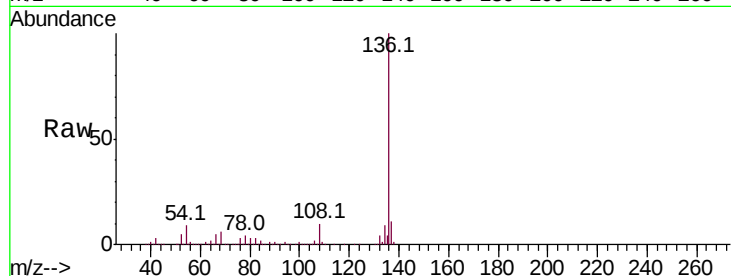
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.2 5.1 7.7

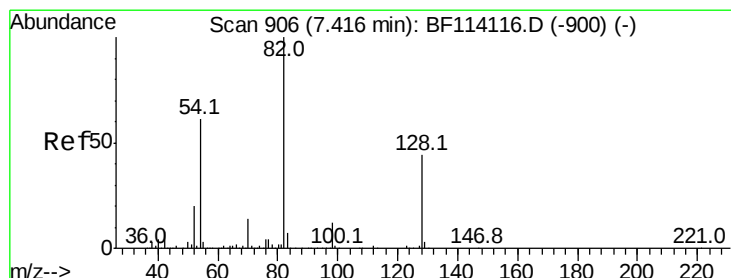
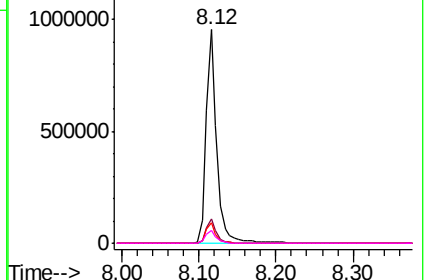
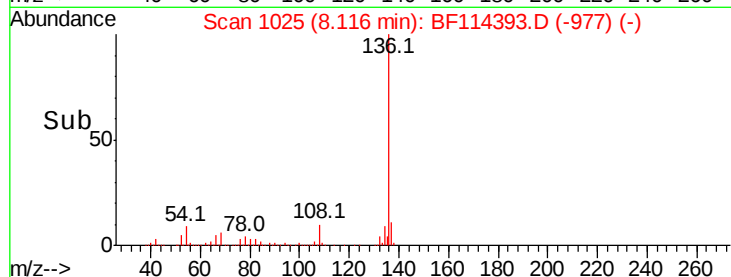


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.439 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

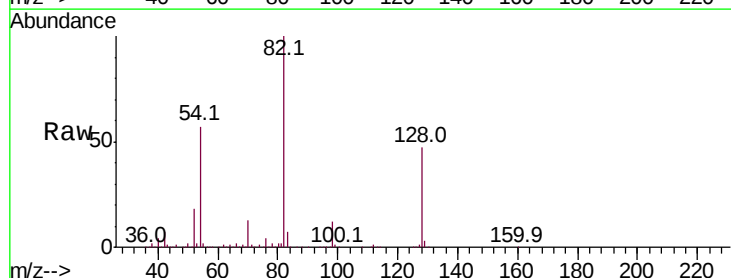
Tgt Ion: 82 Resp: 753808

Ion Ratio Lower Upper

82 100

128 47.0 35.5 53.3

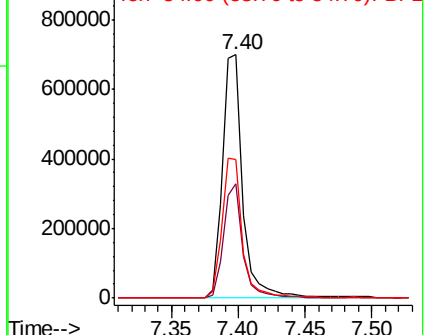
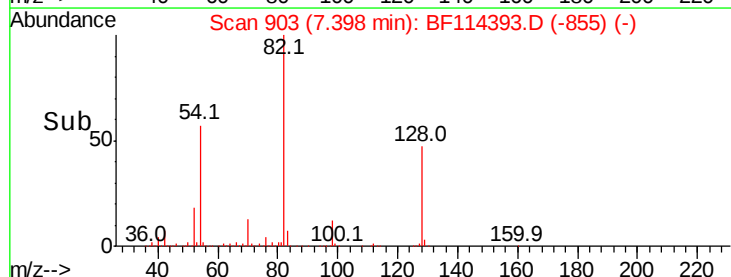
54 57.1 48.5 72.7

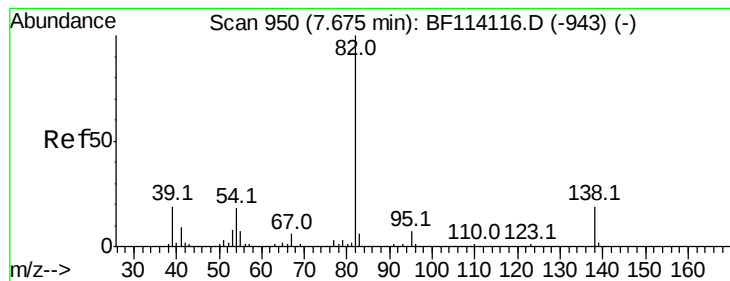


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.039 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

Instrument :

BNA_F

ClientSampled :

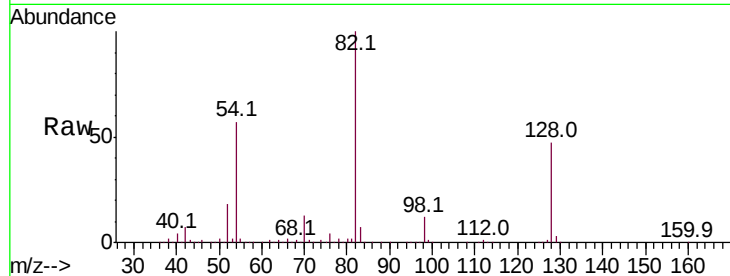
Tot Ion: 82 Resp: 753795

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

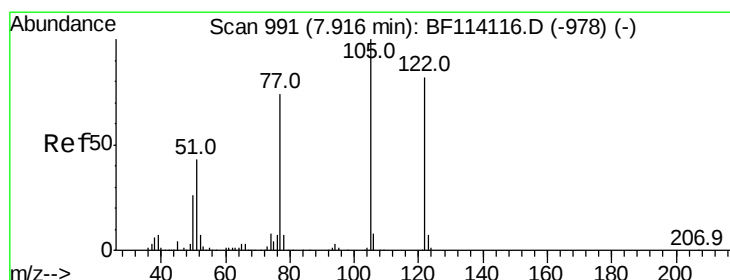
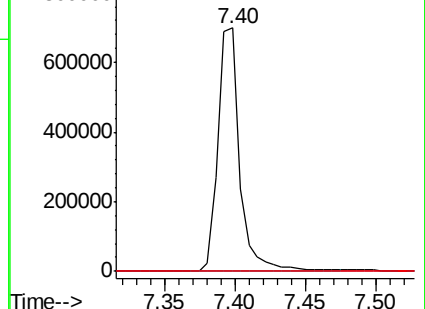
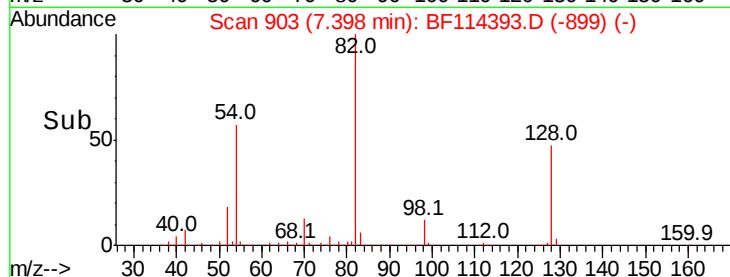
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.031 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.20 min

Lab File: BF114393.D

Acq: 18 May 2019 16:11

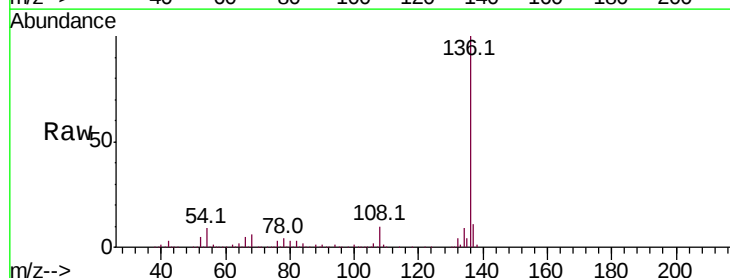
Tgt Ion:122 Resp: 113

Ion Ratio Lower Upper

122 100

105 336.1 99.9 139.9#

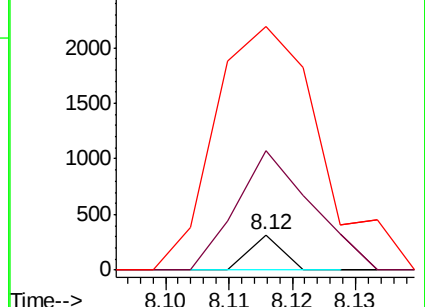
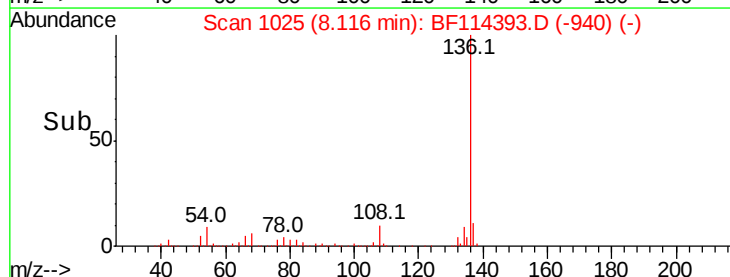
77 686.8 69.4 109.4#

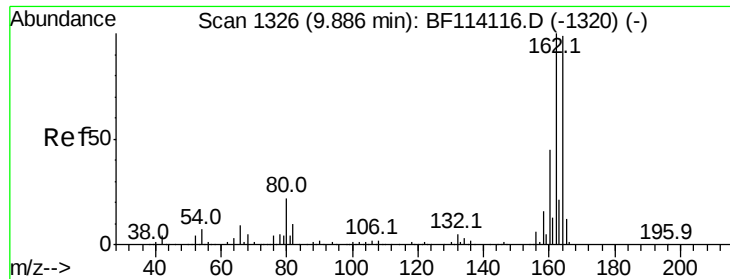


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

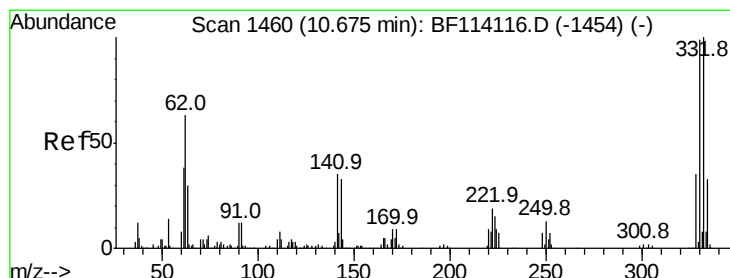
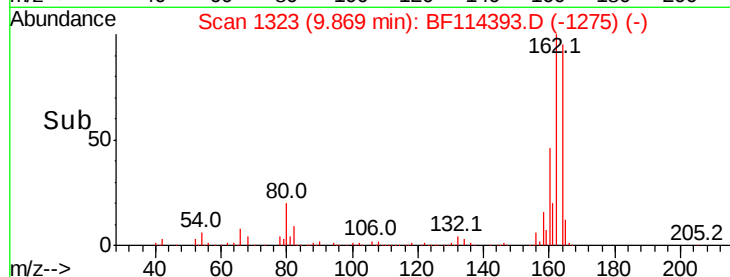
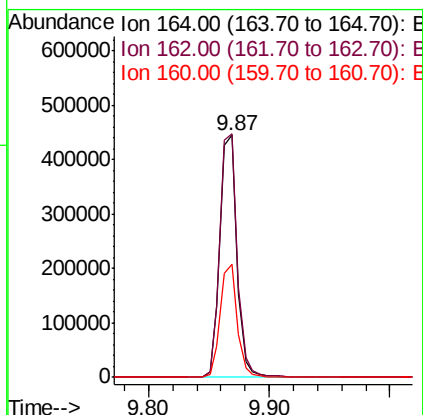
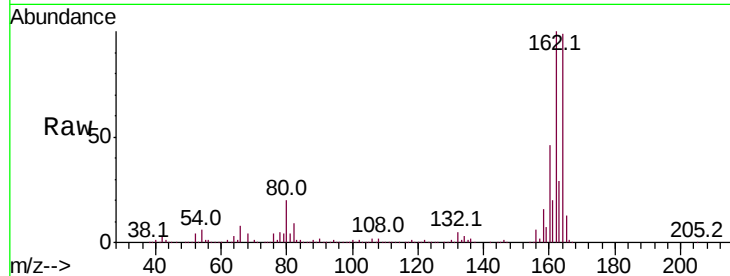




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

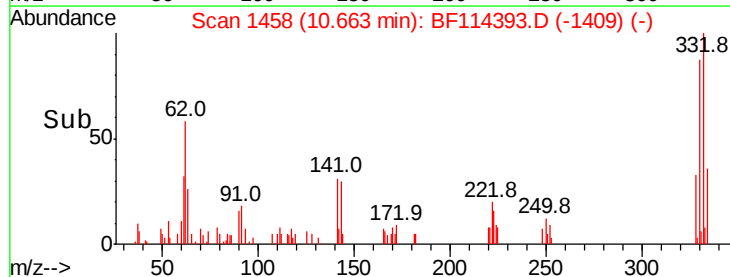
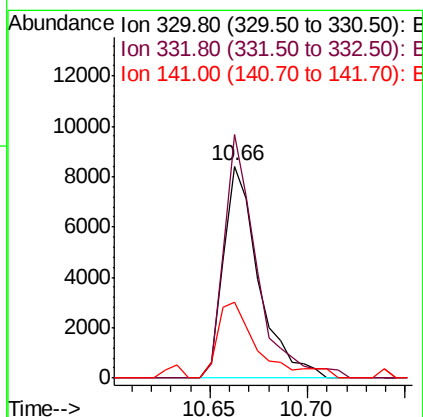
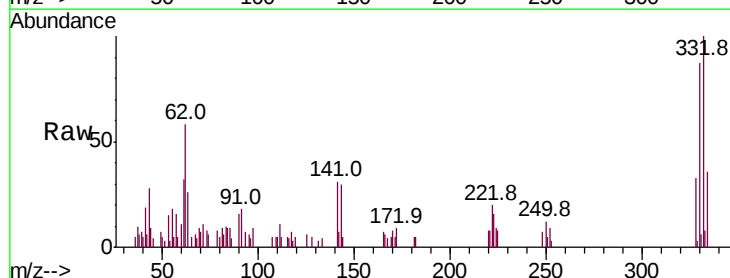
Instrument :
 BNA_F
 ClientSampleId :

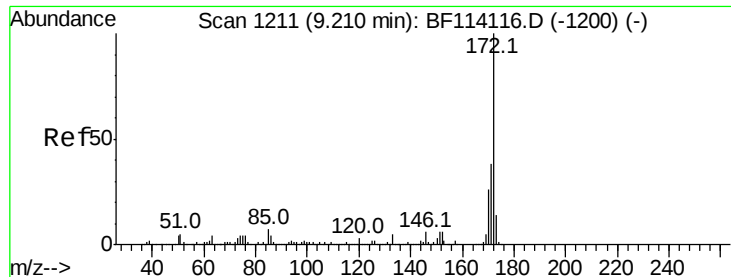
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	46.5	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 2.355 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	106.4	81.4	122.2
141	41.4	26.6	40.0#

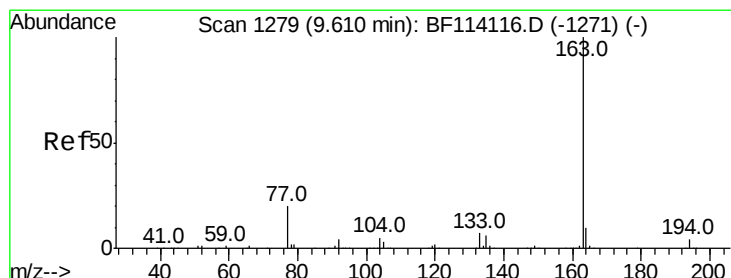
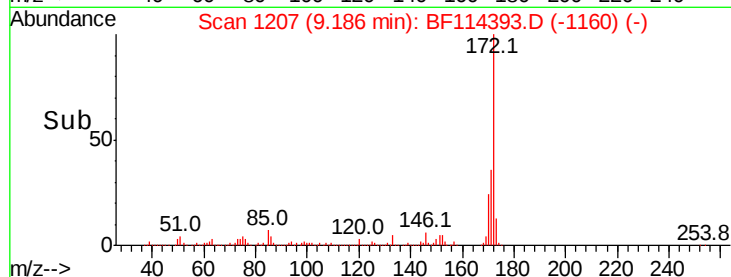
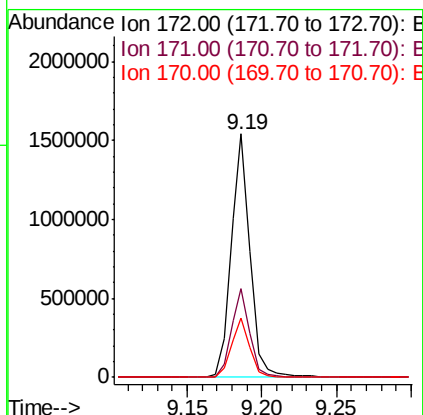
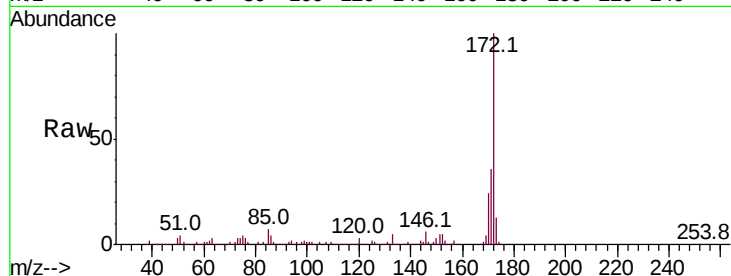




#45
2-Fluorobiphenyl
Concen: 48.059 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF114393.D
Acq: 18 May 2019 16:11

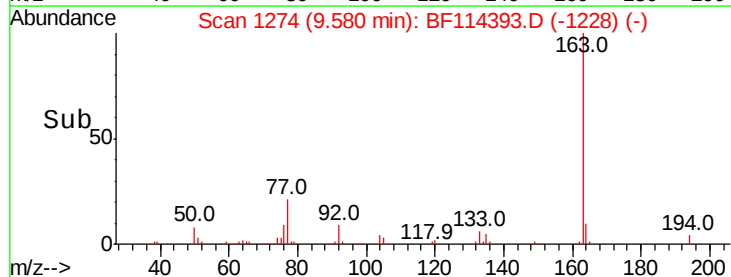
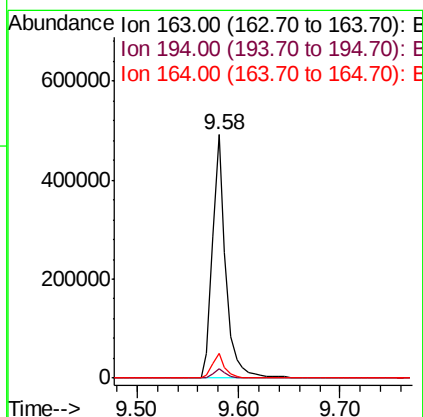
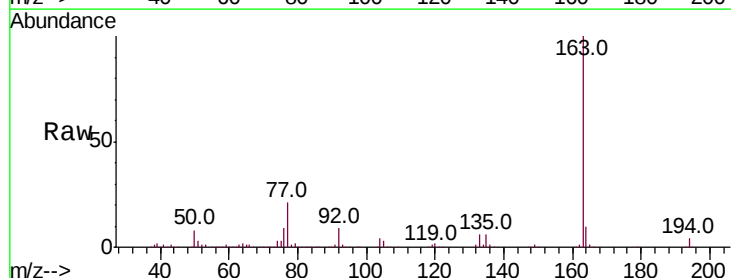
Instrument :
BNA_F
ClientSampleId :

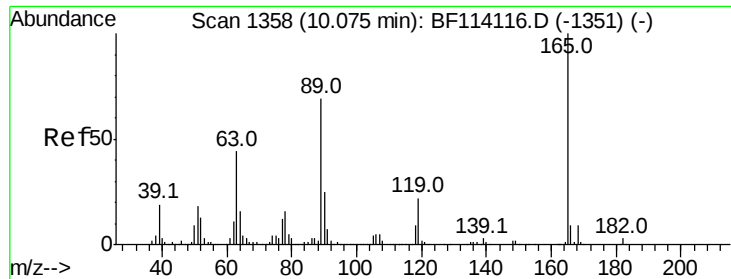
Tot Ion:172 Resp: 1376269
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.2 20.5 30.7



#50
Dimethylphthalate
Concen: 14.125 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114393.D
Acq: 18 May 2019 16:11

Tgt Ion:163 Resp: 449181
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.2 12.2

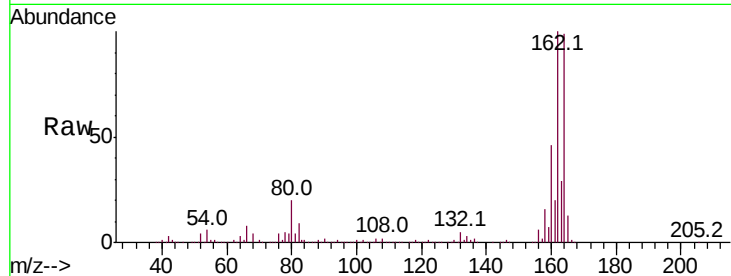




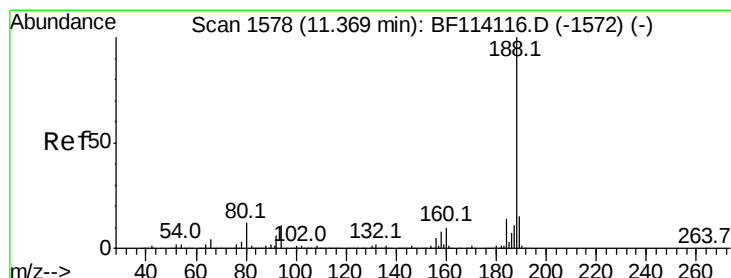
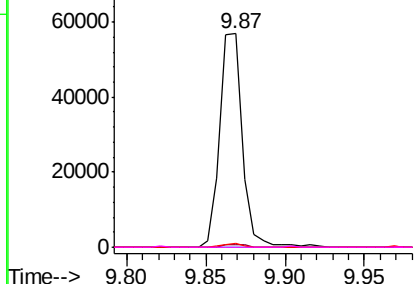
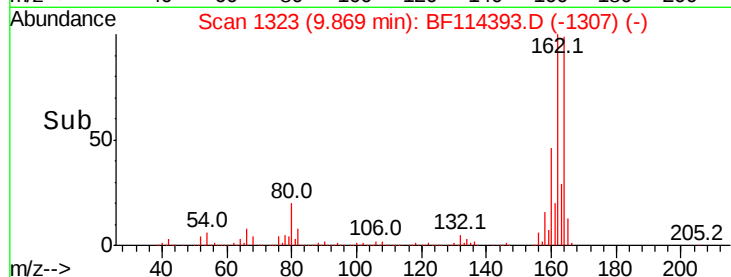
#57
 2,4-Dinitrotoluene
 Concen: 5.908 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 56562
 Ion Ratio Lower Upper
 165 100
 63 1.0 35.5 53.3#
 89 1.7 55.2 82.8#
 182 0.0 2.2 3.2#

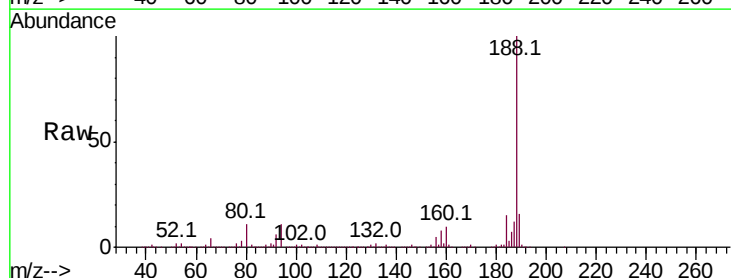


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

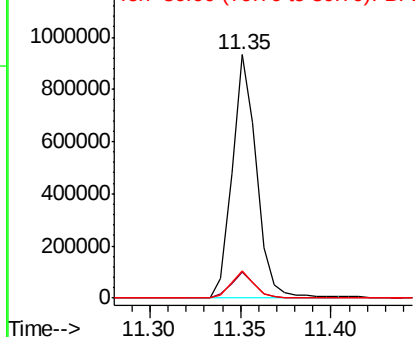
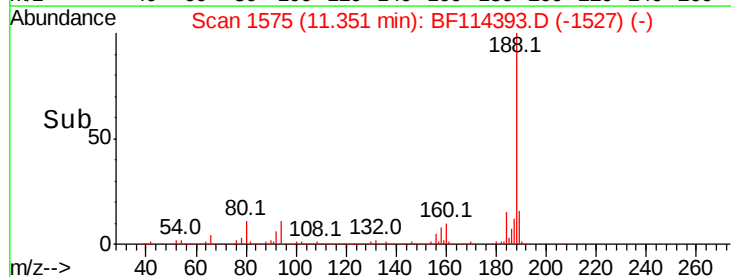


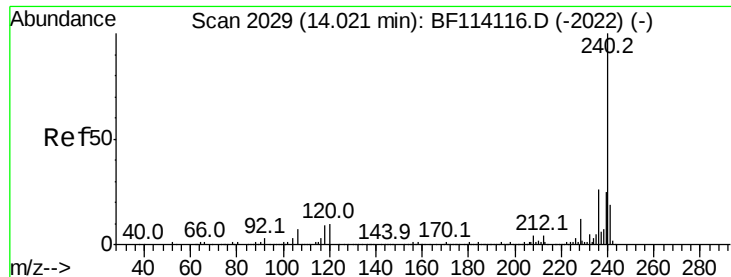
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Tgt Ion:188 Resp: 871089
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.4 12.6
 80 11.3 9.2 13.8



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

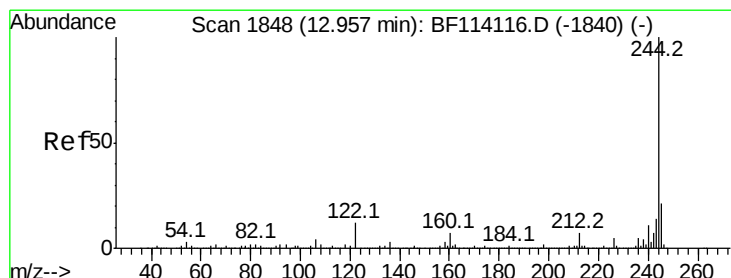
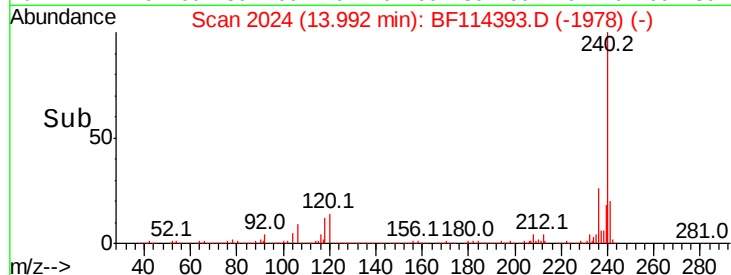
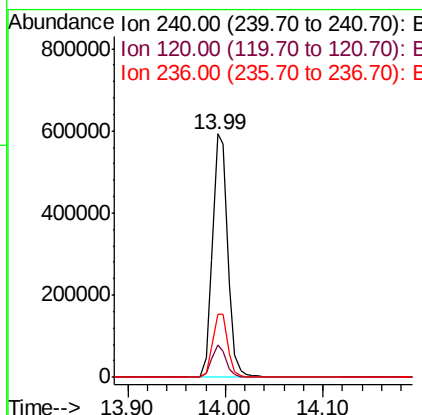
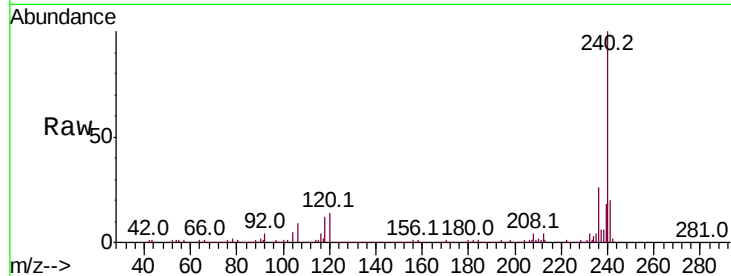




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

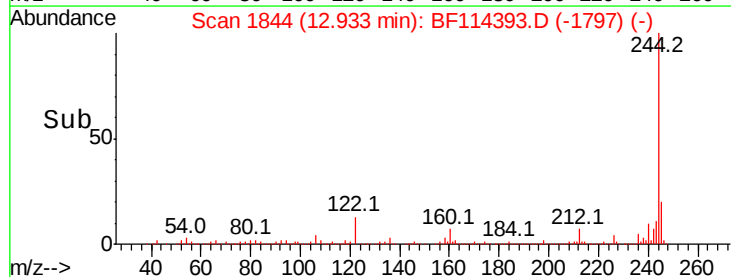
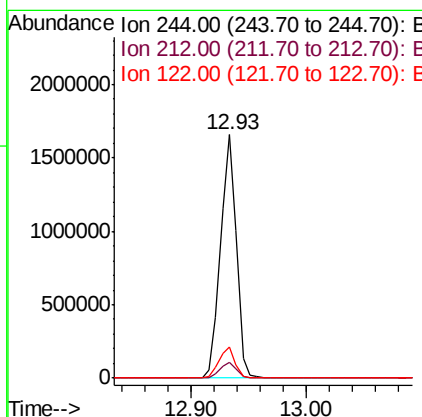
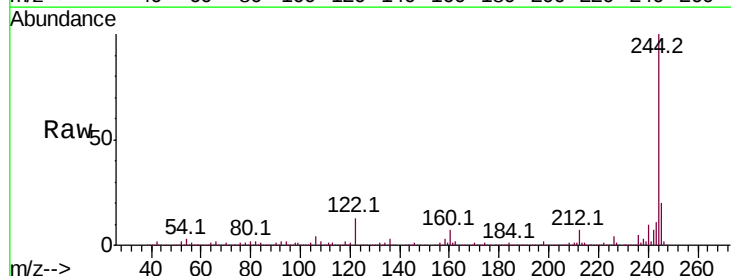
Instrument :
 BNA_F
 ClientSampleId :

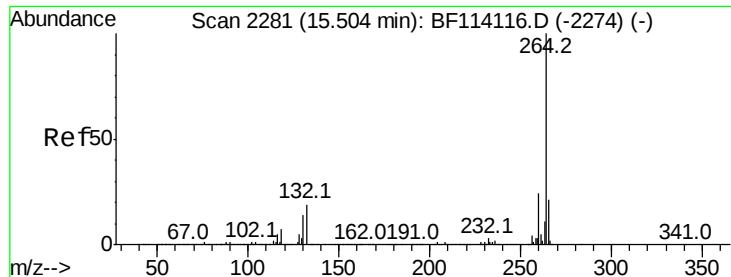
Tot Ion:240 Resp: 642189
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 26.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 50.766 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114393.D
 Acq: 18 May 2019 16:11

Tgt Ion:244 Resp: 1581489
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.6 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114393.D
Acq: 18 May 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.0	16.9	25.3

