

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115113.D
 Acq On : 22 Jun 2019 11:57
 Operator : HP/JU
 Sample : K3440-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-A

Quant Time: Jun 24 04:32:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

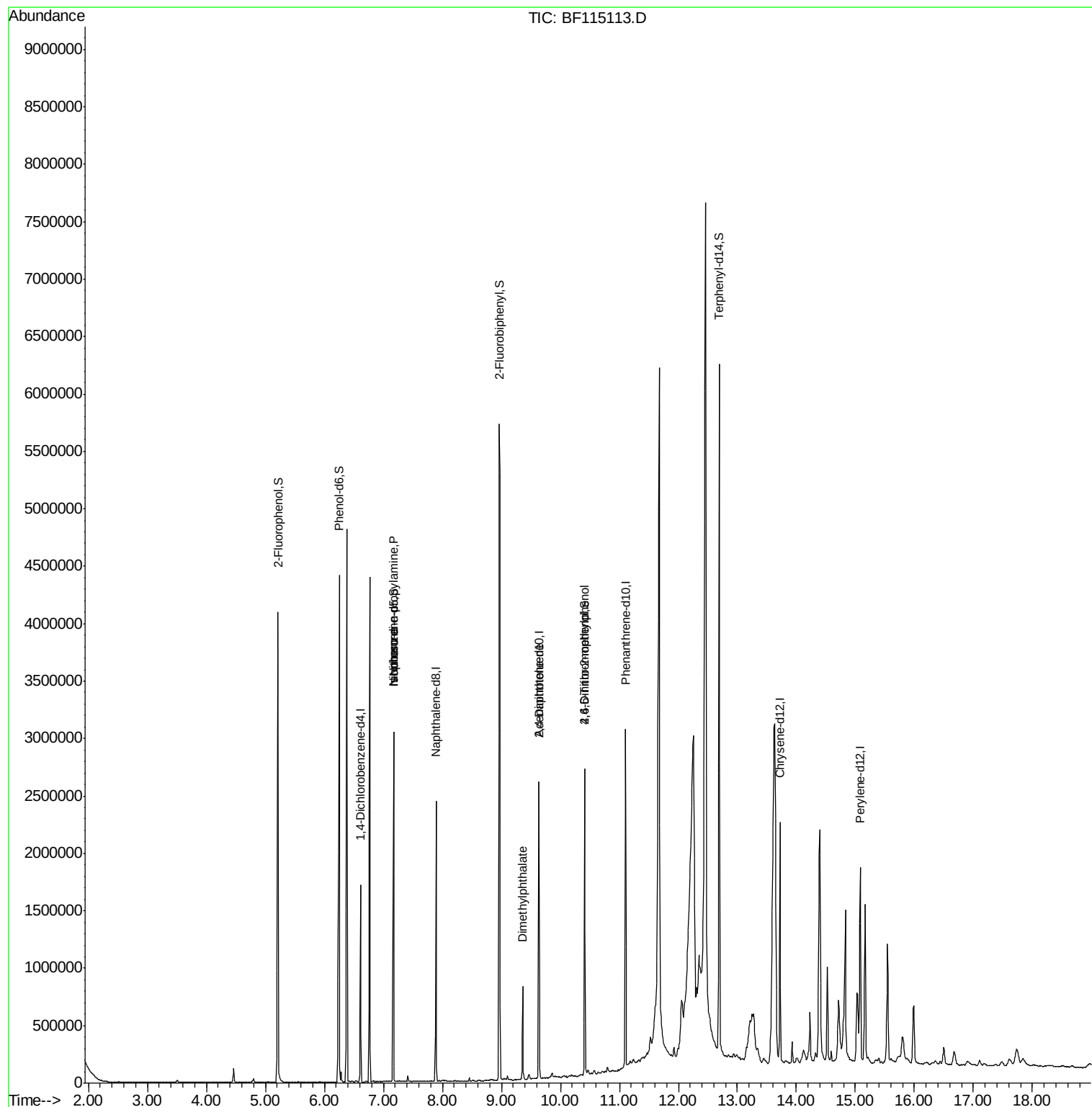
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	268007	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1034888	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	514493	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1006119	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	717524	20.00	ng	-0.02
87) Perylene-d12	15.08	264	629867	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1364282	78.55	ng	0.00
7) Phenol-d6	6.25	99	1730473	82.09	ng	0.00
23) Nitrobenzene-d5	7.17	82	1038131	61.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	297530	54.84	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1921852	63.45	ng	-0.02
79) Terphenyl-d14	12.69	244	2156005	63.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	138713	10.278	ng	# 77
25) Isophorone	7.17	82	1022126	29.659	ng	# 63
50) Dimethylphthalate	9.36	163	284463	7.515	ng	99
57) 2,4-Dinitrotoluene	9.64	165	67083	5.945	ng	# 30
58) Fluorene	10.41	166	14897	Below Cal		# 92
65) 4,6-Dinitro-2-methylphenol	10.41	198	653	5.069	ng	# 1

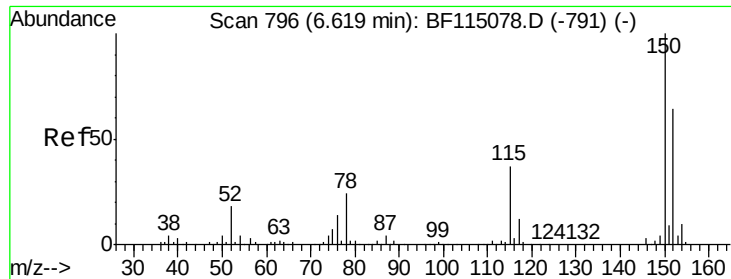
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115113.D
Acq On : 22 Jun 2019 11:57
Operator : HP/JU
Sample : K3440-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-A

Quant Time: Jun 24 04:32:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration



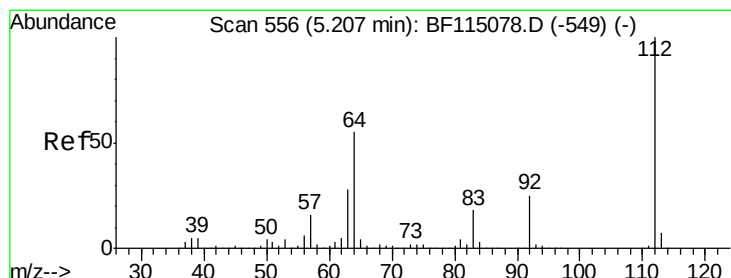
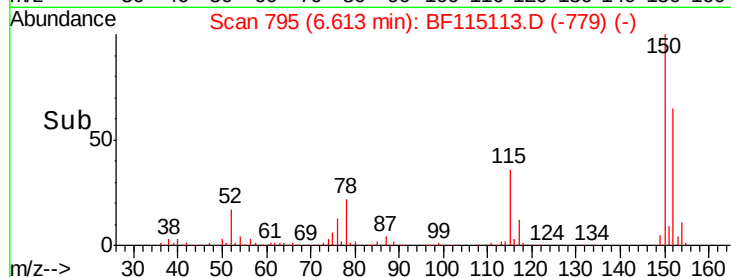
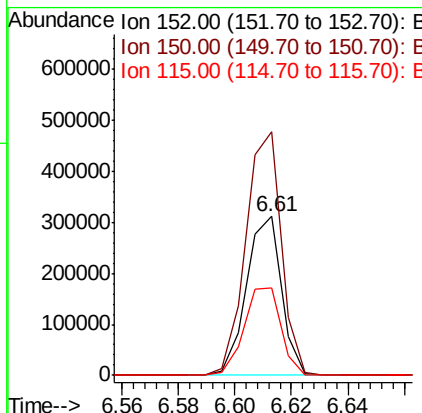
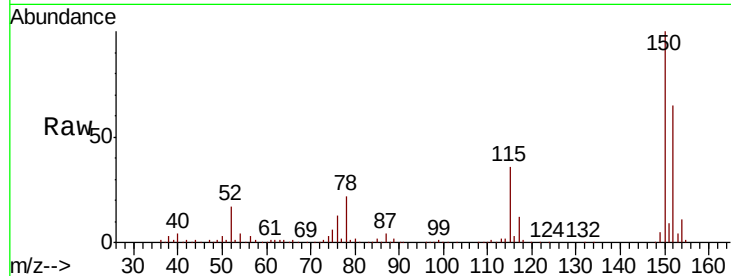


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-A

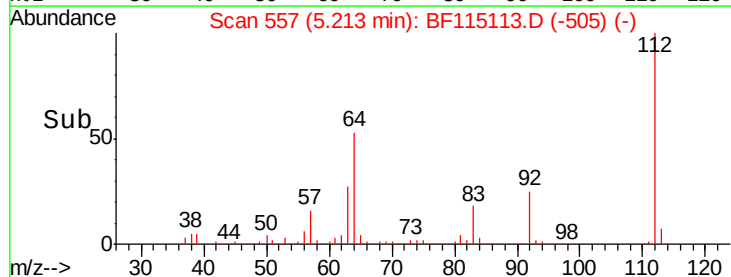
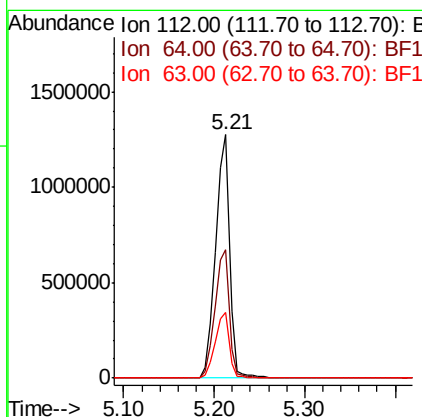
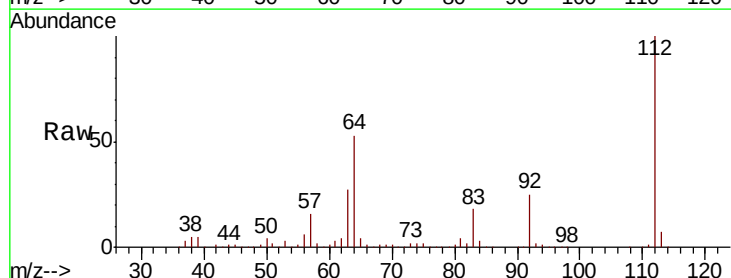
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	54.7	46.1	69.1

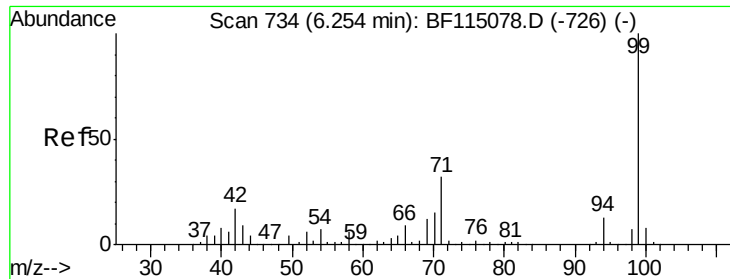


#5

2-Fluorophenol
 Concen: 78.555 ng
 RT: 5.21 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.8	65.6
63	26.9	22.2	33.4





#7

Phenol-d6

Concen: 82.092 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-A

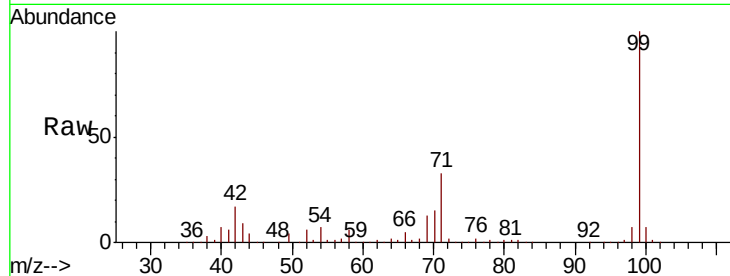
Tot Ion: 99 Resp: 1730473

Ion Ratio Lower Upper

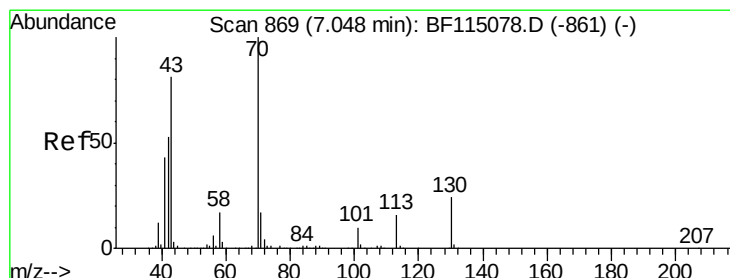
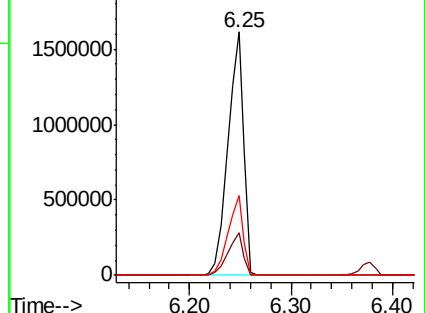
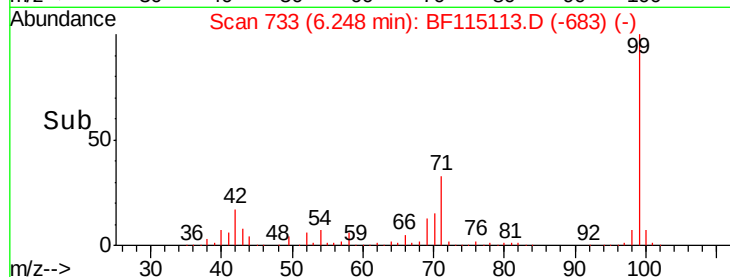
99 100

42 17.3 13.6 20.4

71 32.8 25.5 38.3



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: 10.278 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Tgt Ion: 70 Resp: 138713

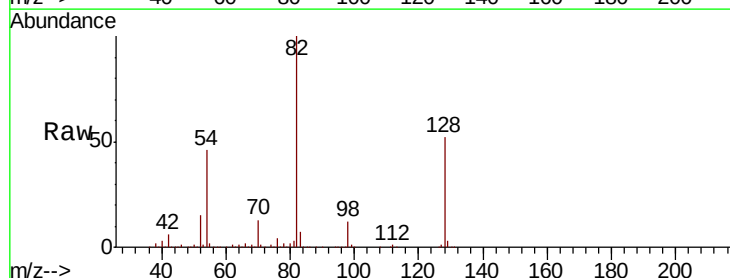
Ion Ratio Lower Upper

70 100

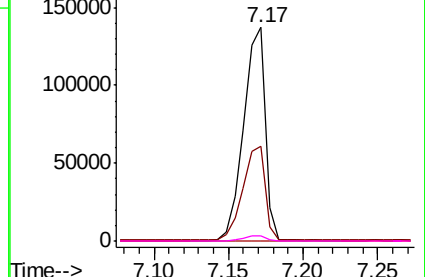
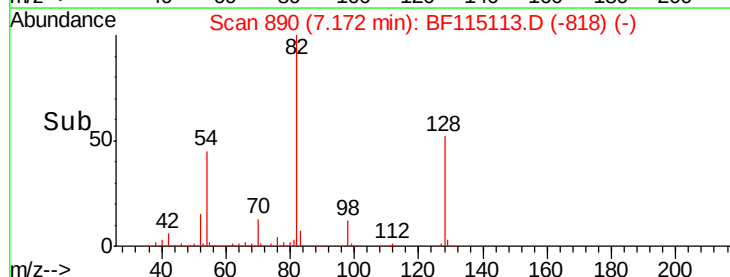
42 44.2 42.6 63.8

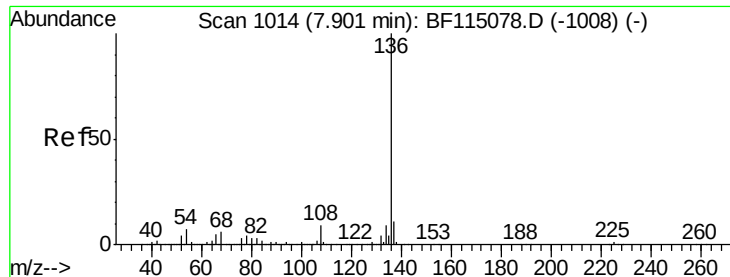
101 0.0 8.0 12.0#

130 2.6 19.4 29.0#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-A

Tot Ion:136 Resp: 1034888

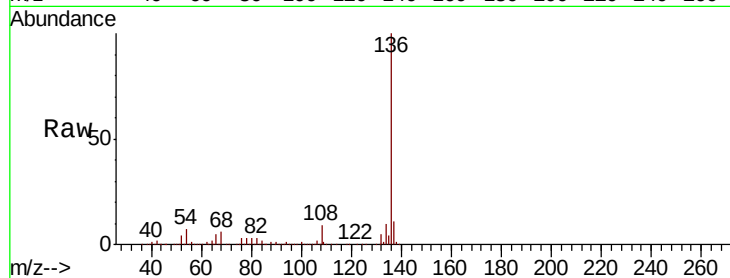
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.1 5.6 8.4

68 6.2 4.8 7.2

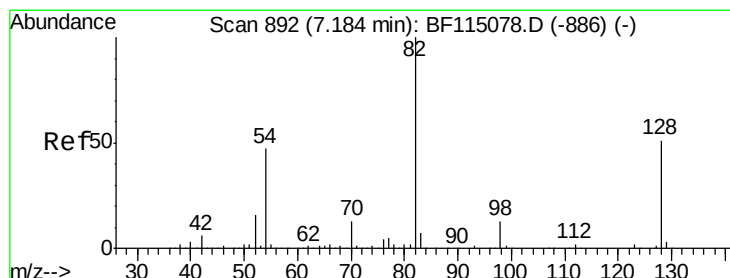
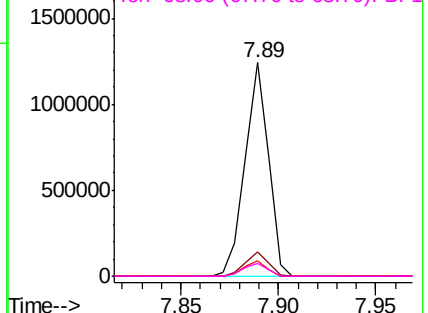
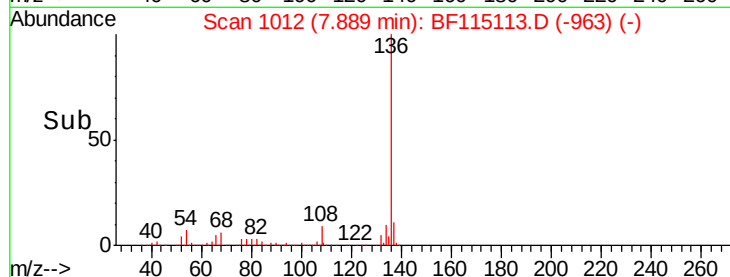


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.708 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

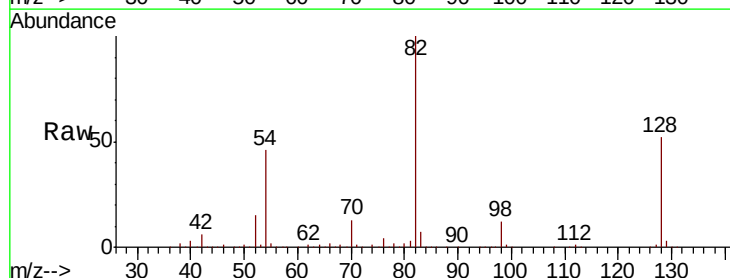
Tgt Ion: 82 Resp: 1038131

Ion Ratio Lower Upper

82 100

128 52.2 40.4 60.6

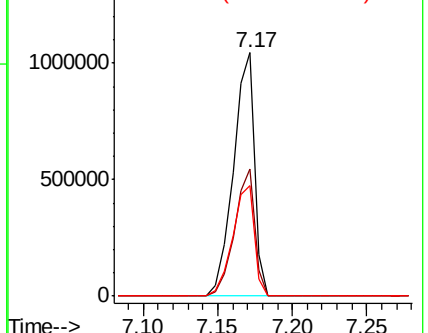
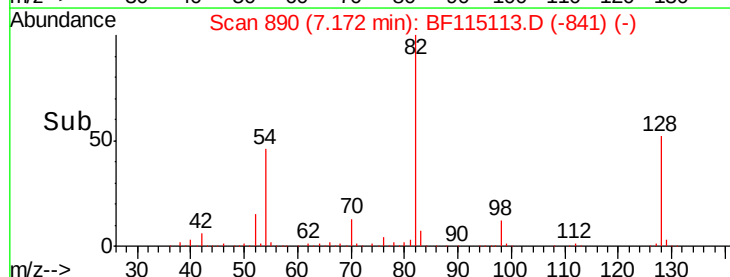
54 45.5 37.5 56.3

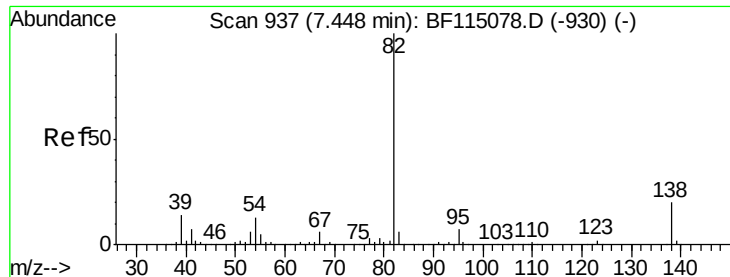


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.659 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-A

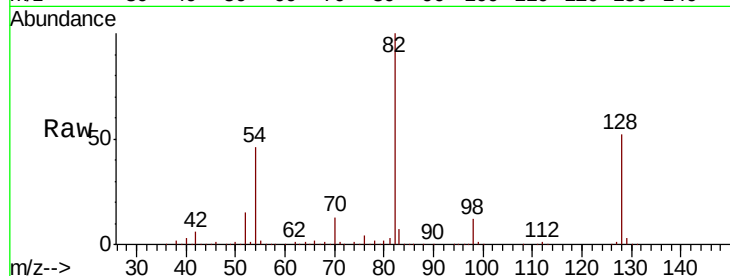
Tot Ion: 82 Resp: 1022126

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

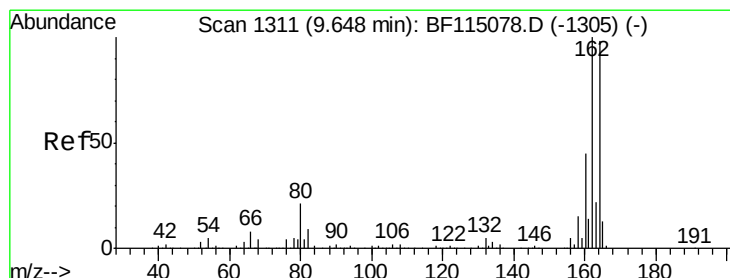
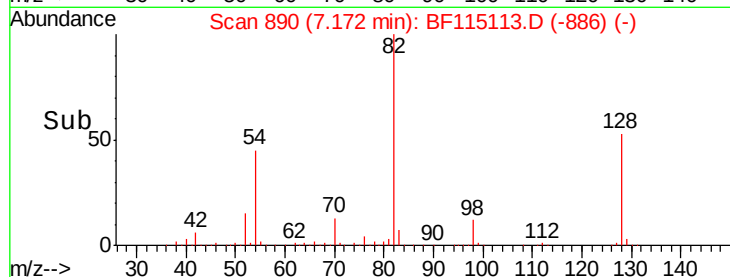
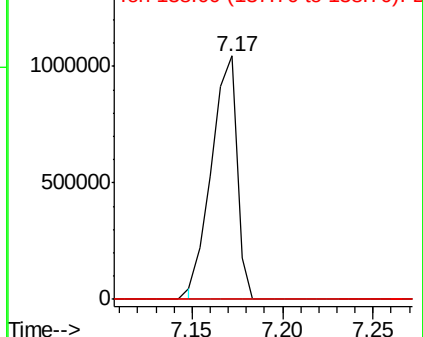
138 0.0 15.9 23.9#



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

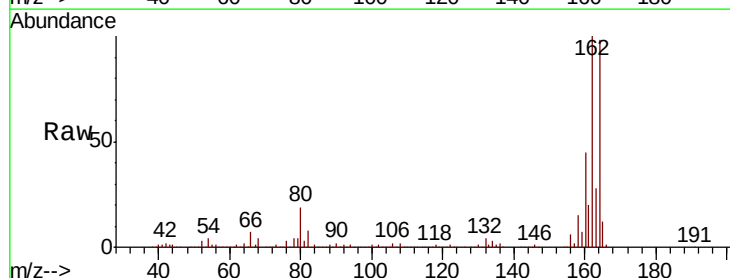
Tgt Ion: 164 Resp: 514493

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

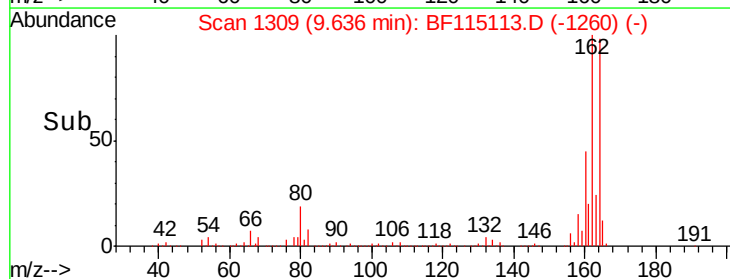
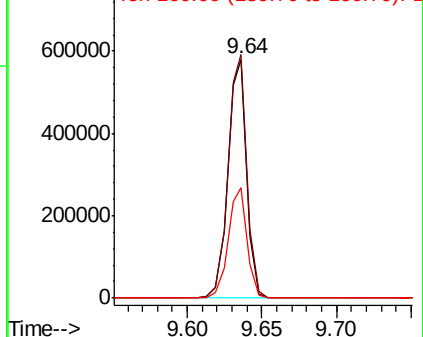
160 46.0 37.0 55.4

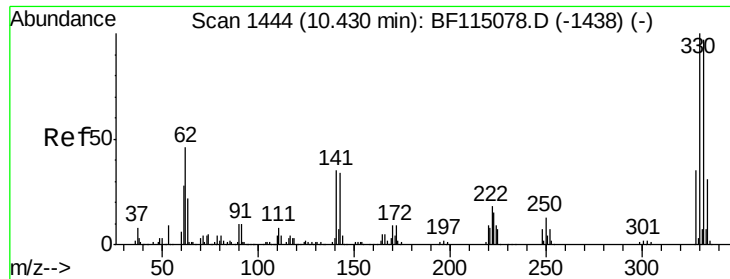


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

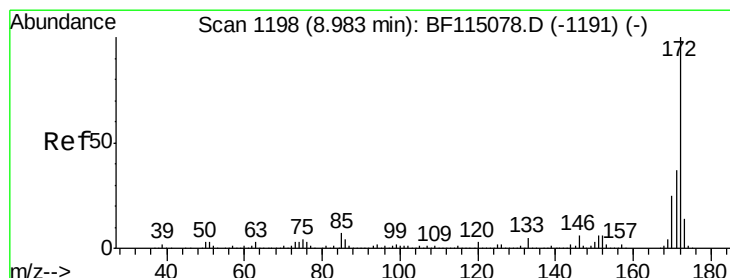
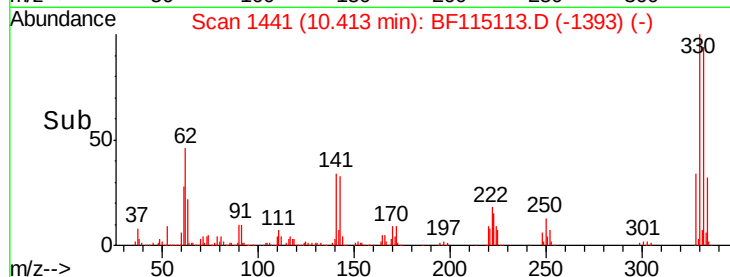
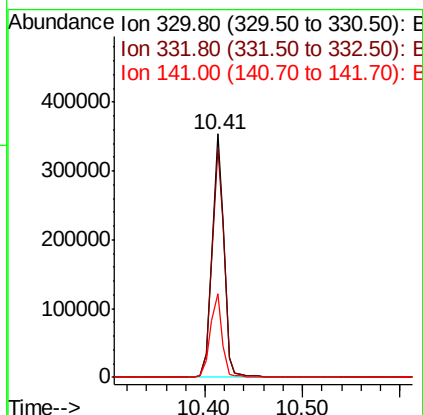
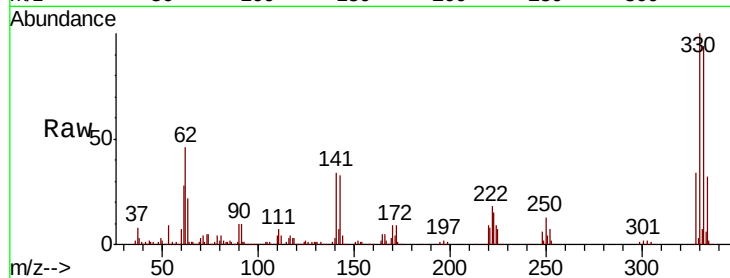




#42
 2,4,6-Tribromophenol
 Concen: 54.839 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

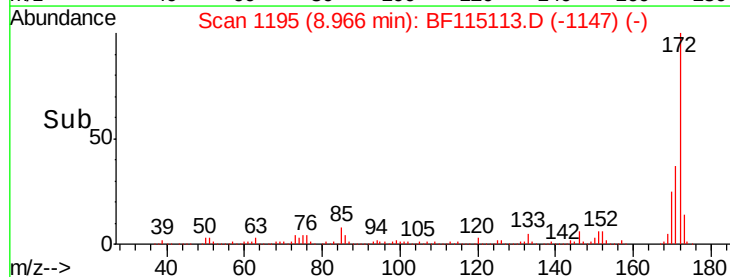
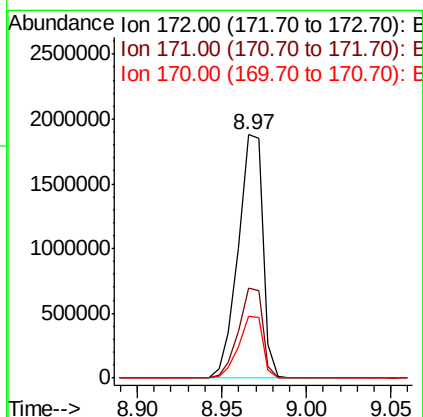
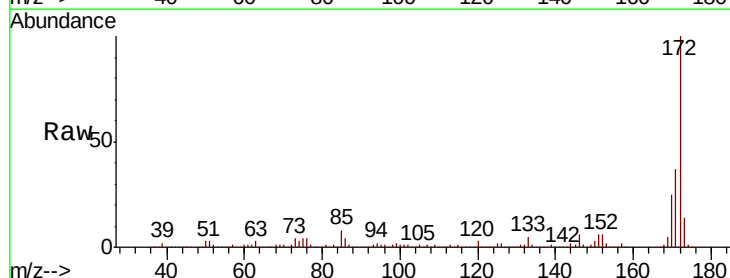
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-A

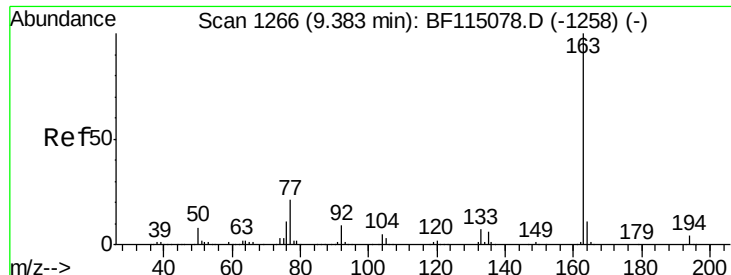
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	34.4	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 63.451 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.4	20.3	30.5

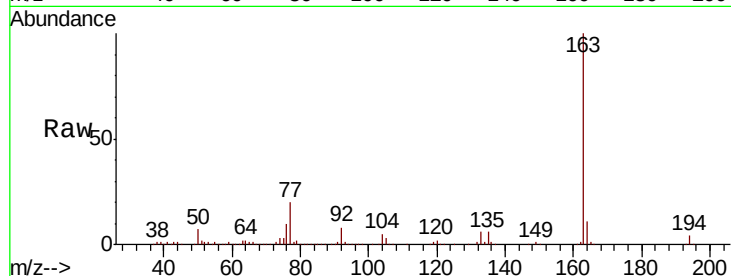




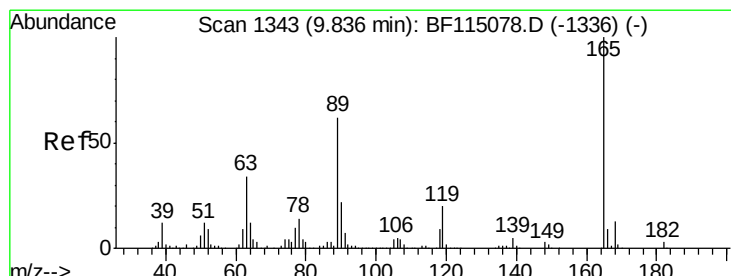
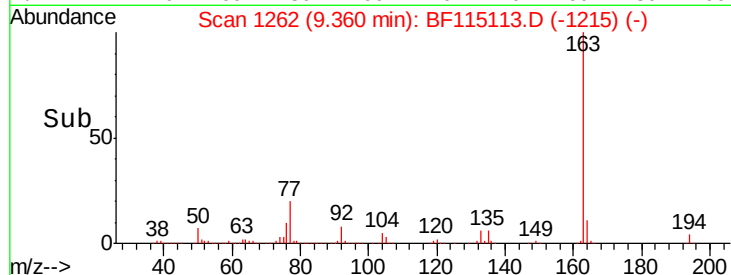
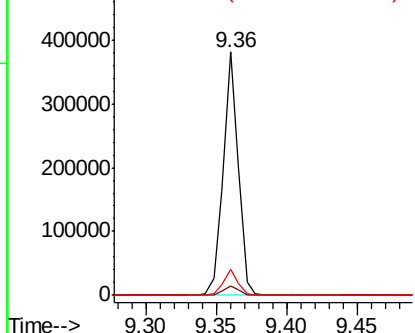
#50
Dimethylphthalate
Concen: 7.515 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115113.D
Acq: 22 Jun 2019 11:57

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.7	8.6	13.0



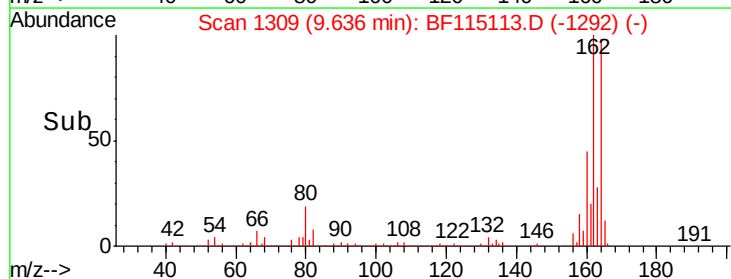
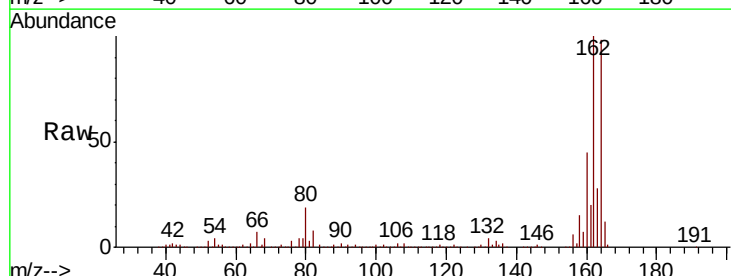
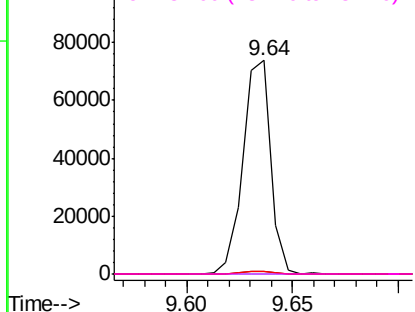
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

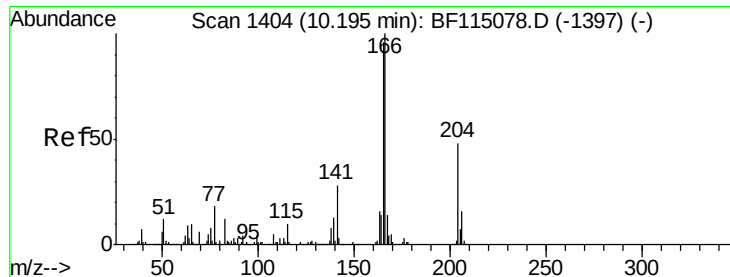


#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115113.D
Acq: 22 Jun 2019 11:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#

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

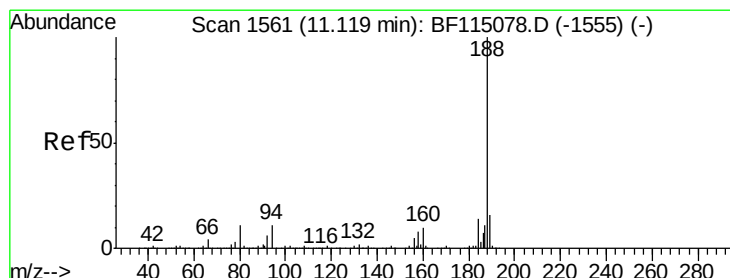
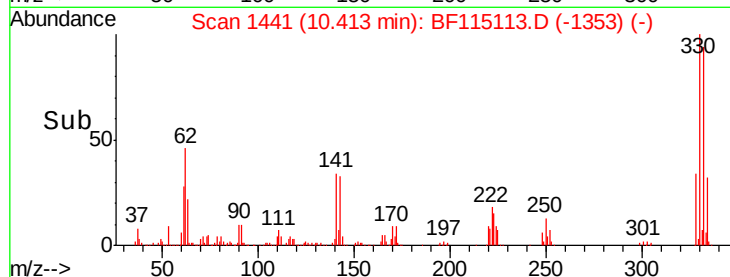
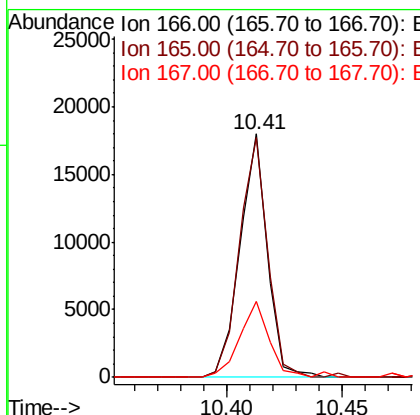
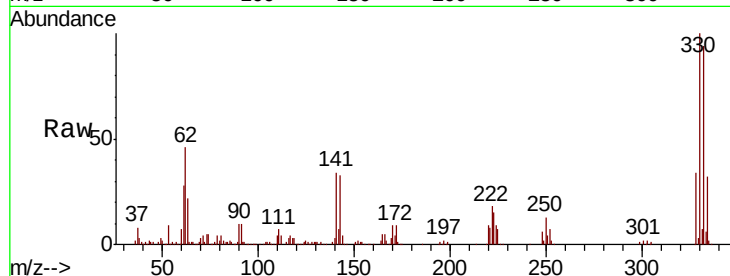




#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.22 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

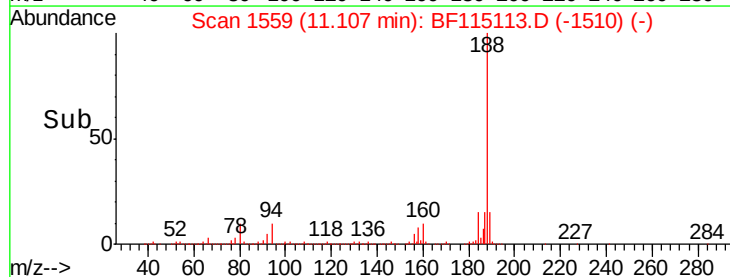
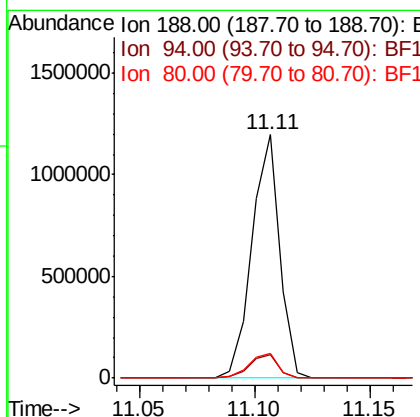
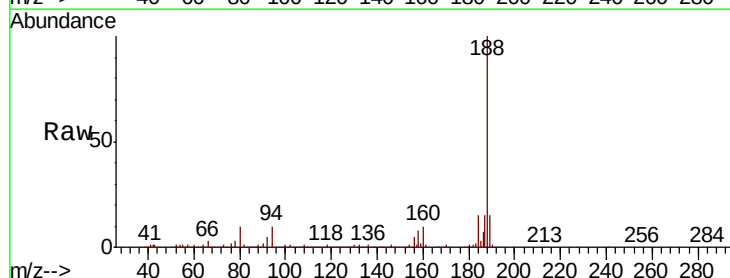
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-A

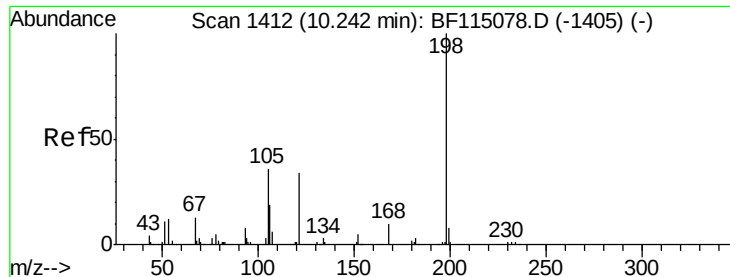
Tot Ion:166 Resp: 14897
 Ion Ratio Lower Upper
 166 100
 165 98.3 76.5 114.7
 167 31.1 11.0 16.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115113.D
 Acq: 22 Jun 2019 11:57

Tgt Ion:188 Resp: 1006119
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.6 12.8
 80 9.9 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.069 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-A

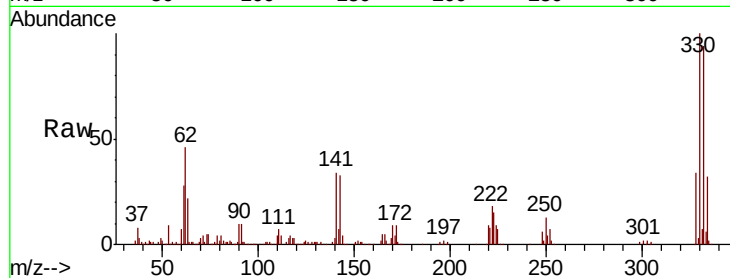
Tot Ion:198 Resp: 653

Ion Ratio Lower Upper

198 100

51 148.4 11.0 51.0#

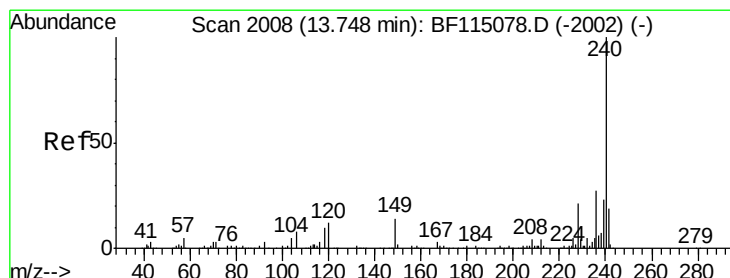
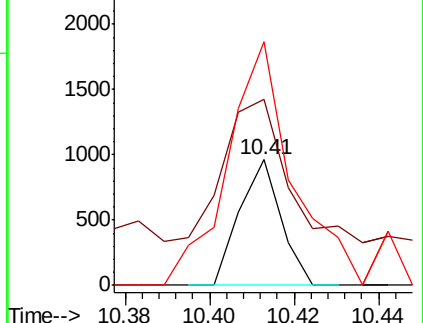
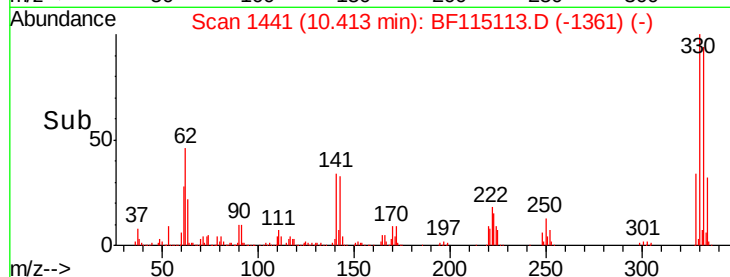
105 194.4 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

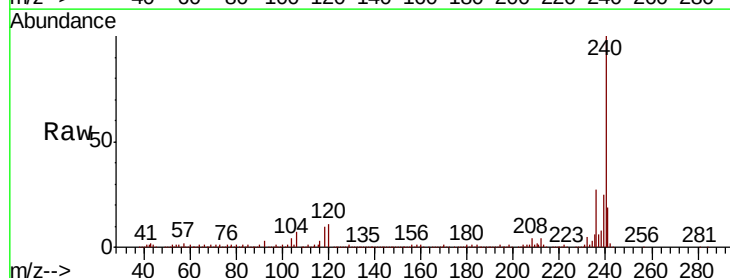
Tgt Ion:240 Resp: 717524

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

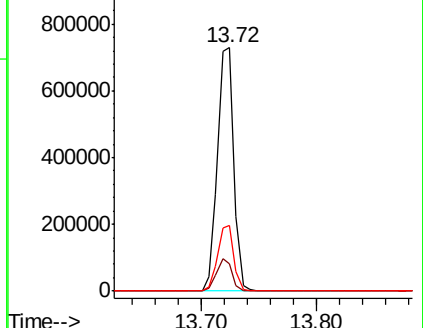
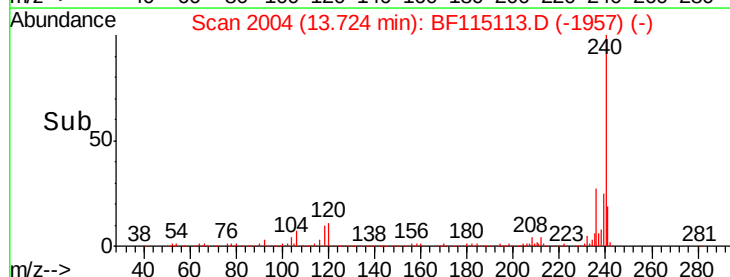
236 27.2 21.7 32.5

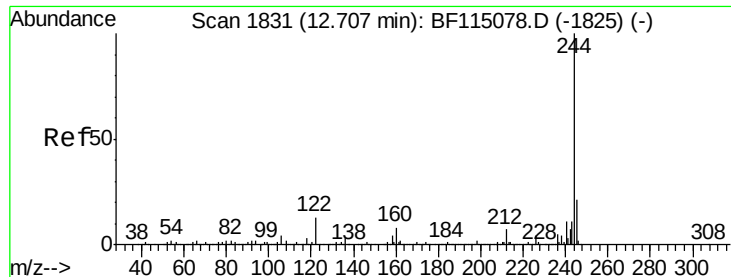


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.886 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-A

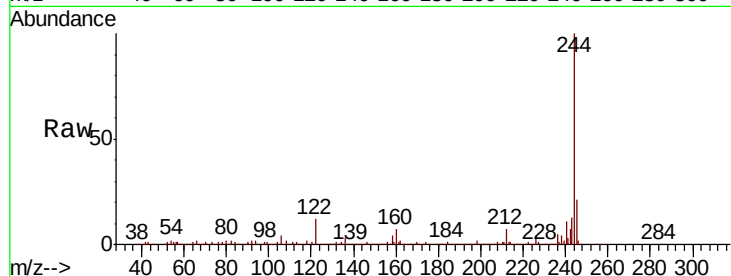
Tot Ion:244 Resp: 2156005

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

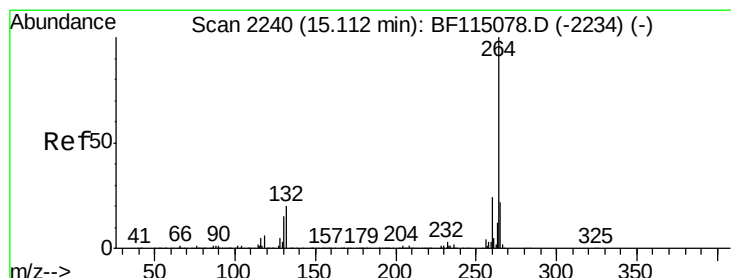
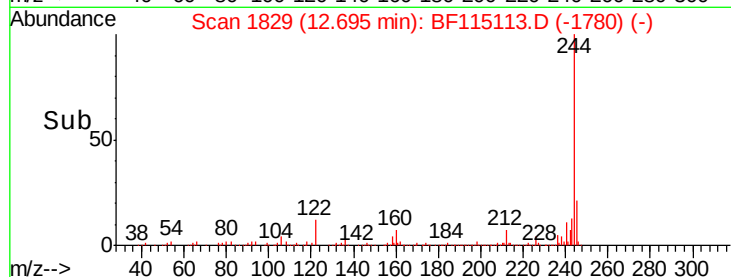
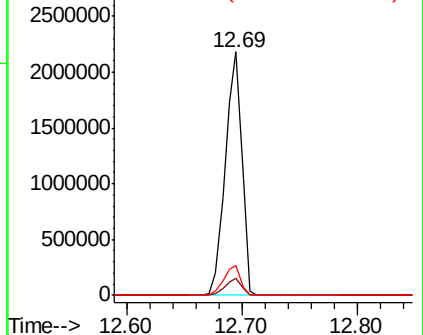
122 12.3 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115113.D

Acq: 22 Jun 2019 11:57

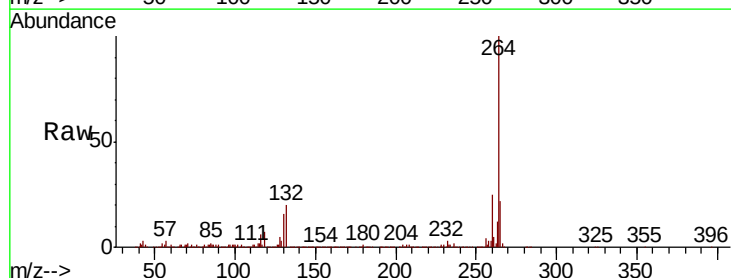
Tgt Ion:264 Resp: 629867

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.1 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

