

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115117.D
 Acq On : 22 Jun 2019 13:43
 Operator : HP/JU
 Sample : K3440-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 24 04:34:02 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

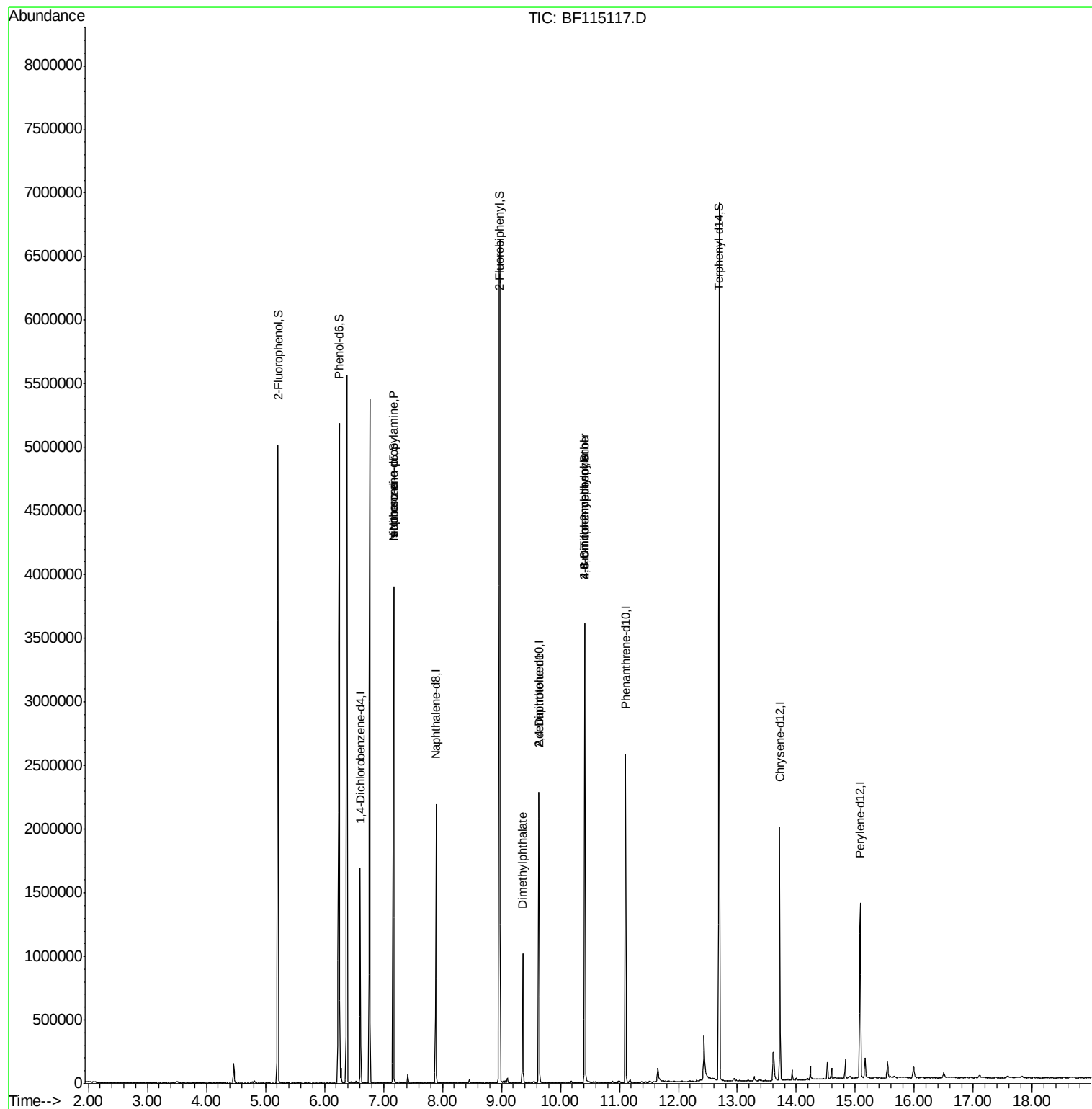
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	253380	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	955794	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	468360	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	921826	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	623324	20.00	ng	-0.03
87) Perylene-d12	15.08	264	563570	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1829649	111.43	ng	0.00
7) Phenol-d6	6.25	99	2269692	113.89	ng	0.00
23) Nitrobenzene-d5	7.17	82	1358348	87.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	466001	94.35	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2437879	88.42	ng	-0.01
79) Terphenyl-d14	12.69	244	2640156	90.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	181436	14.220	ng	# 77
25) Isophorone	7.17	82	1338741	42.060	ng	# 63
50) Dimethylphthalate	9.36	163	374080	10.856	ng	# 98
57) 2,4-Dinitrotoluene	9.64	165	59525	5.795	ng	# 30
58) Fluorene	10.41	166	21935	Below Cal		# 92
65) 4,6-Dinitro-2-methylphenol	10.41	198	1007	5.144	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	29017	2.903	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115117.D
Acq On : 22 Jun 2019 13:43
Operator : HP/JU
Sample : K3440-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 24 04:34:02 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



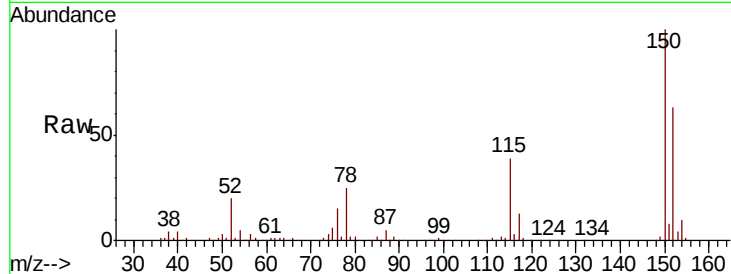


#1

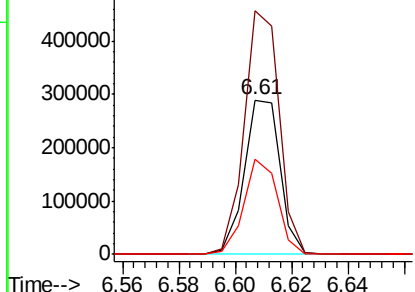
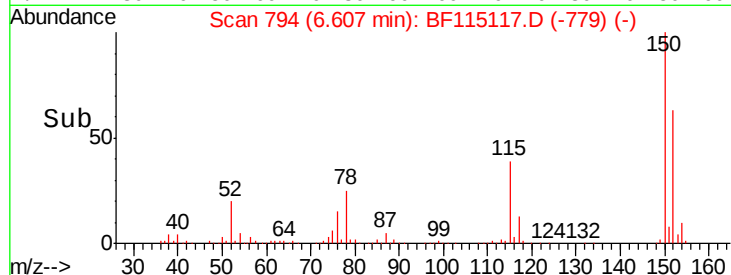
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

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

Tot Ion:152 Resp: 253380
Ion Ratio Lower Upper
152 100
150 158.1 124.2 186.2
115 61.7 46.1 69.1



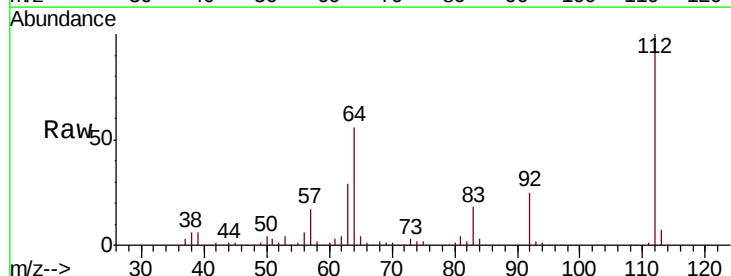
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



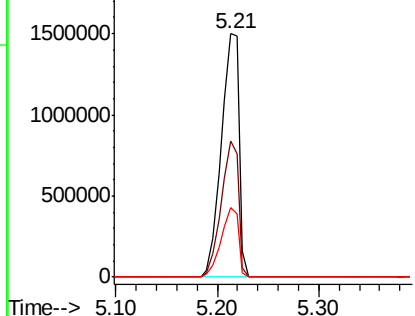
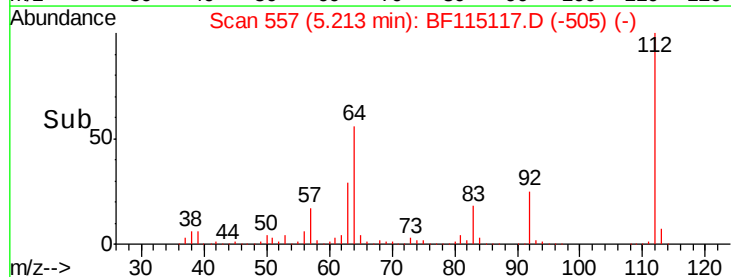
#5

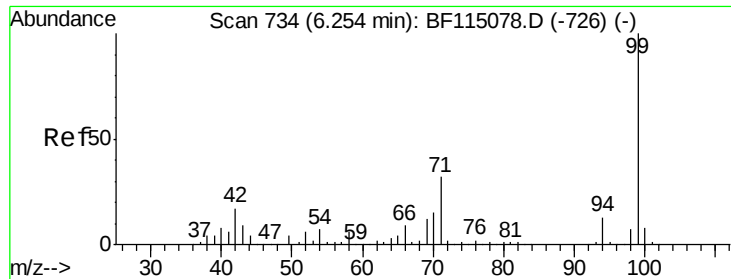
2-Fluorophenol
Concen: 111.432 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

Tgt Ion:112 Resp: 1829649
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.6
63 28.7 22.2 33.4



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: 113.888 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-B

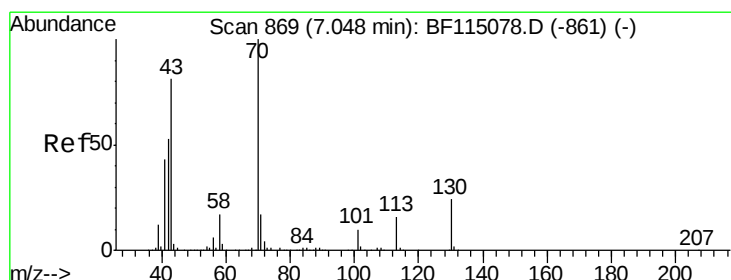
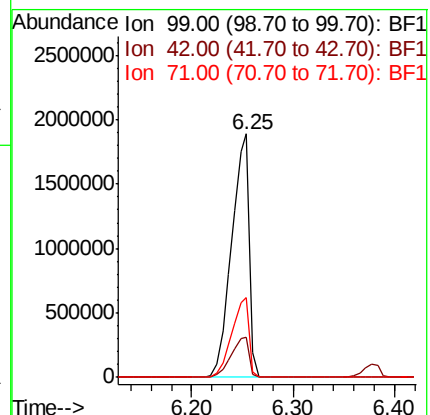
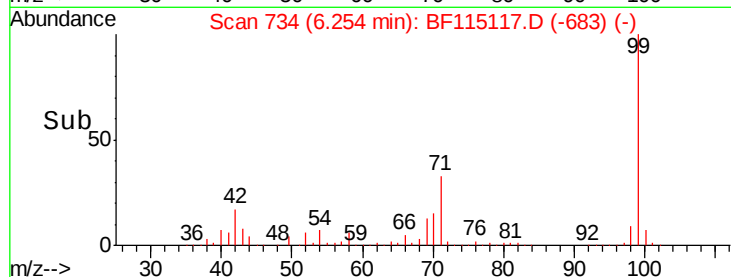
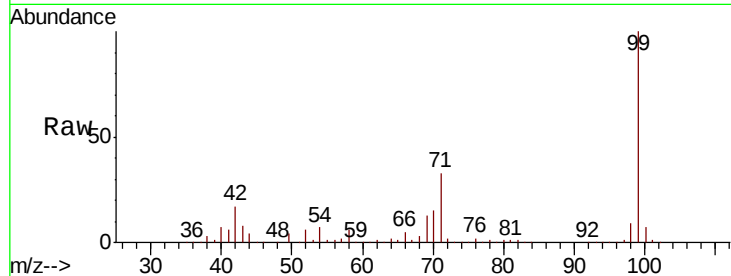
Tot Ion: 99 Resp: 2269692

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 32.8 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.220 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

Tgt Ion: 70 Resp: 181436

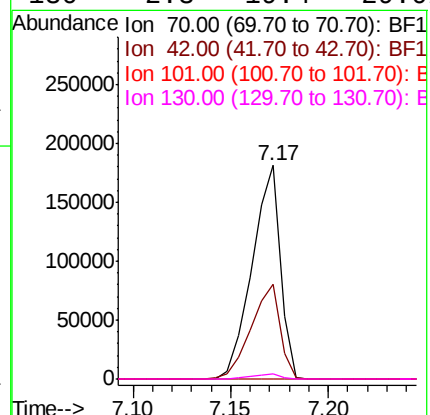
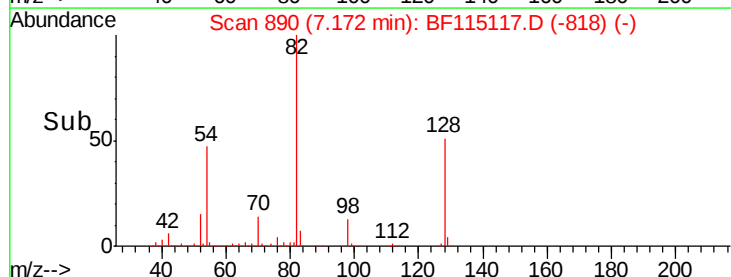
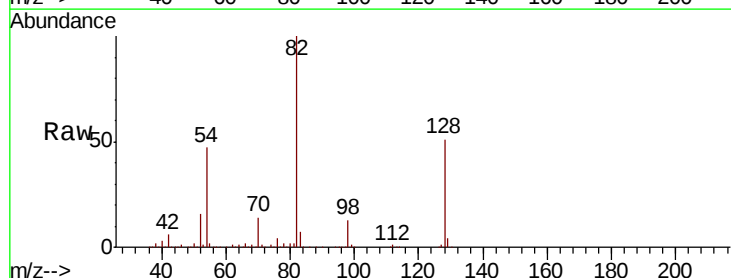
Ion Ratio Lower Upper

70 100

42 44.1 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

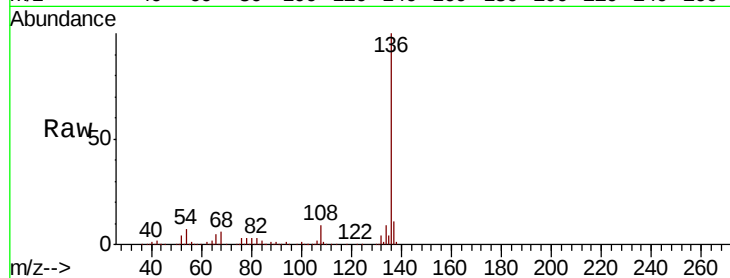




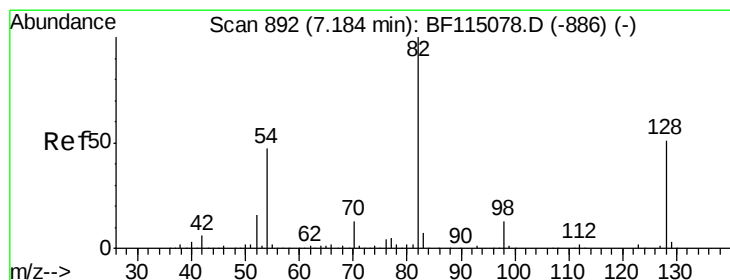
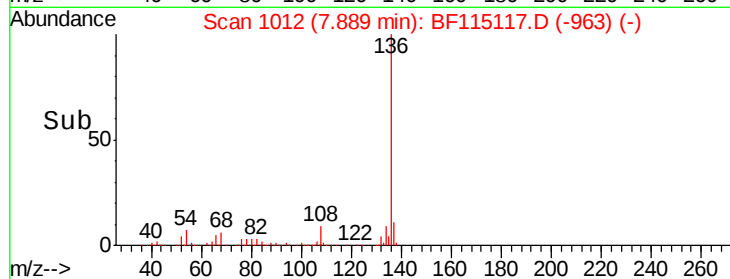
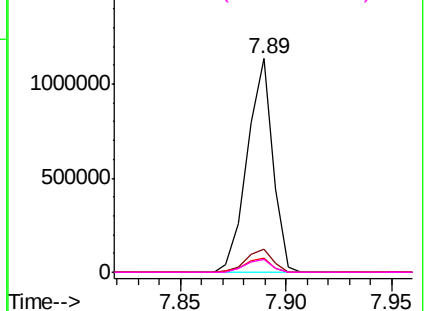
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

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

Tot Ion:136	Resp:	955794
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 6.8	5.6	8.4
68 5.9	4.8	7.2

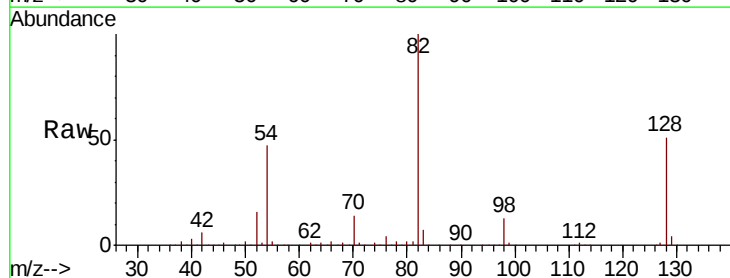


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

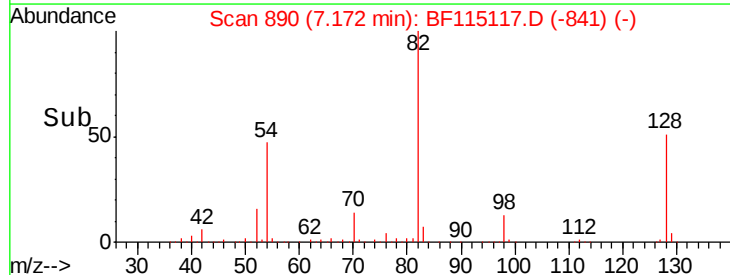
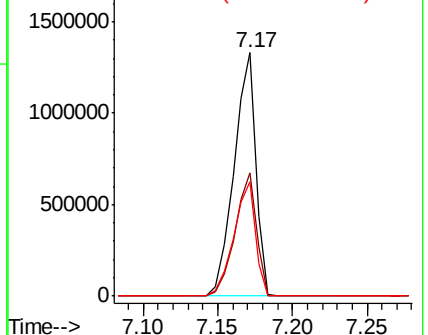


#23
Nitrobenzene-d5
Concen: 87.424 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

Tgt Ion: 82	Resp: 1358348
Ion Ratio	Lower Upper
82 100	
128 50.8	40.4 60.6
54 47.1	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: 42.060 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-B

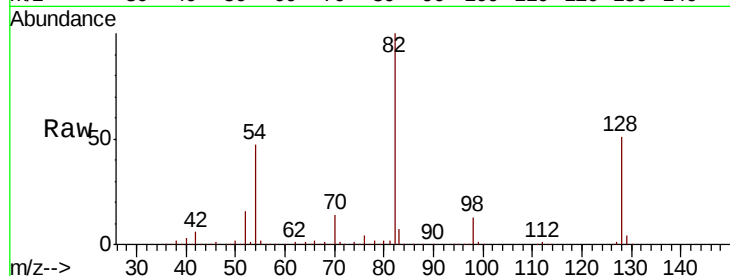
Tot Ion: 82 Resp: 1338741

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

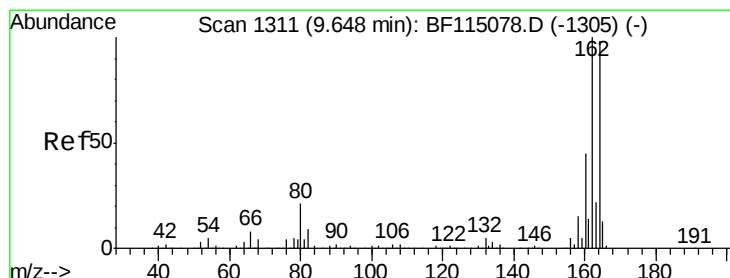
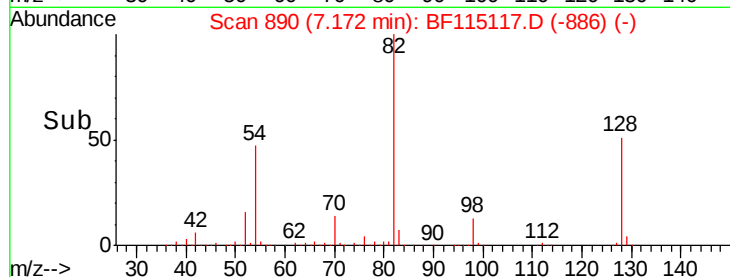
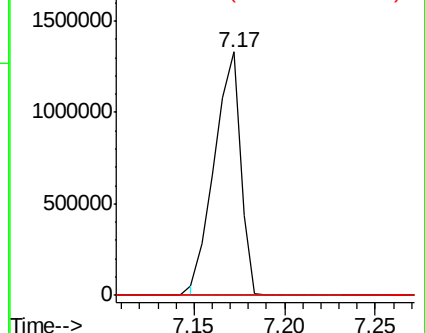
138 0.0 15.9 23.9#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

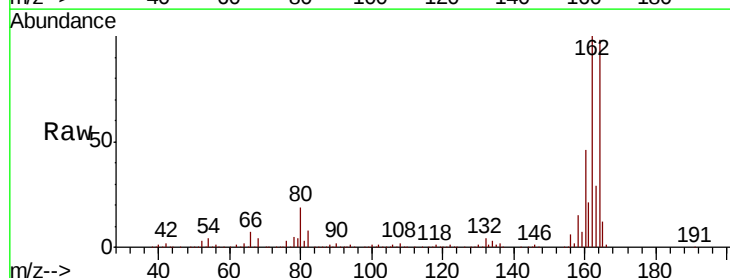
Tgt Ion:164 Resp: 468360

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

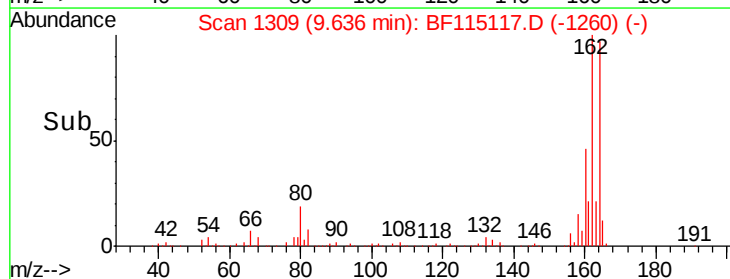
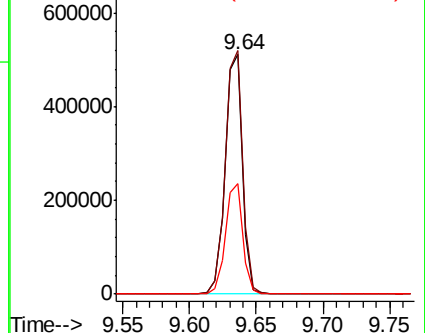
160 46.4 37.0 55.4



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

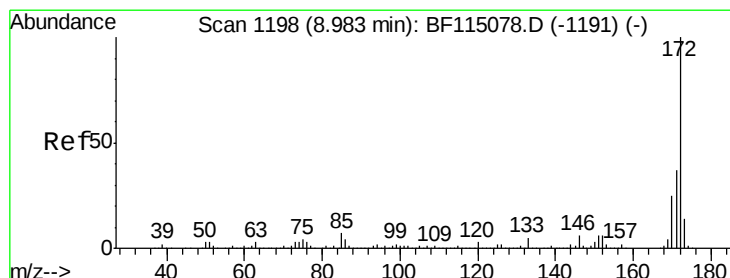
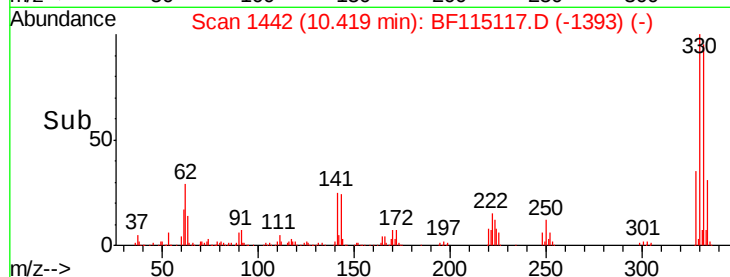
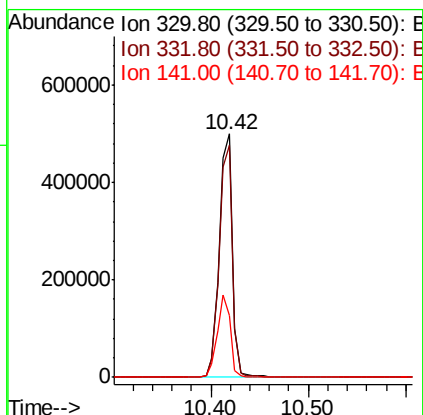
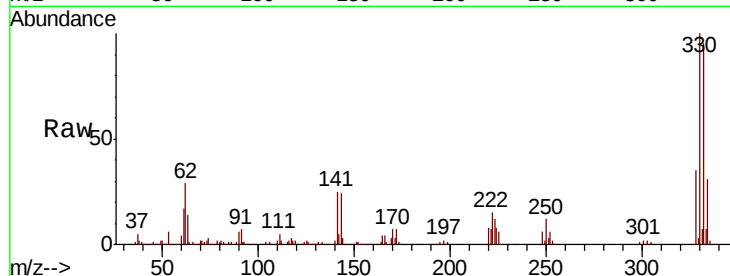




#42
 2,4,6-Tribromophenol
 Concen: 94.351 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115117.D
 Acq: 22 Jun 2019 13:43

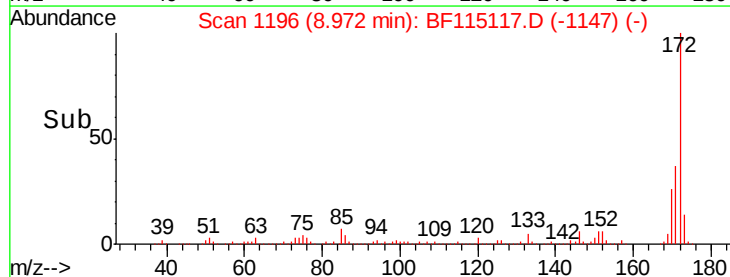
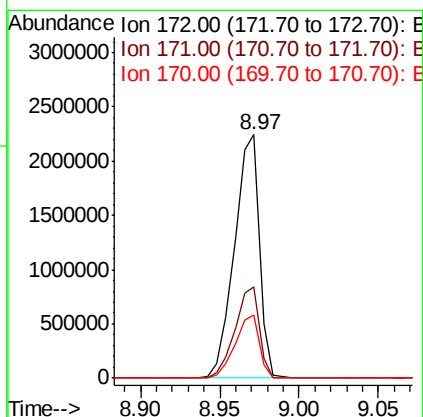
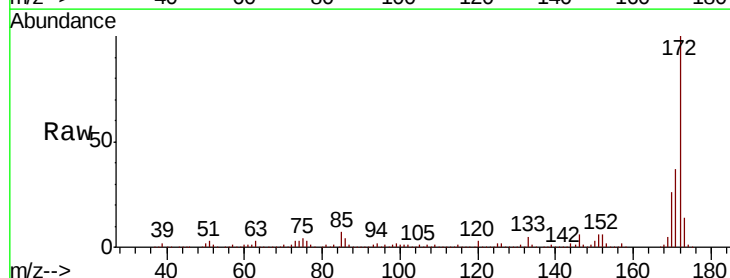
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-008-B

Tot Ion:330 Resp: 466001
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.4 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 88.416 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115117.D
 Acq: 22 Jun 2019 13:43

Tgt Ion:172 Resp: 2437879
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 20.3 30.5

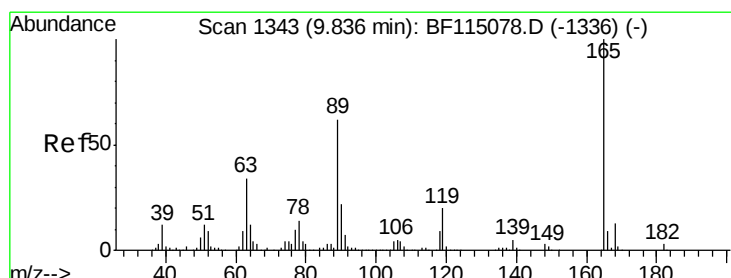
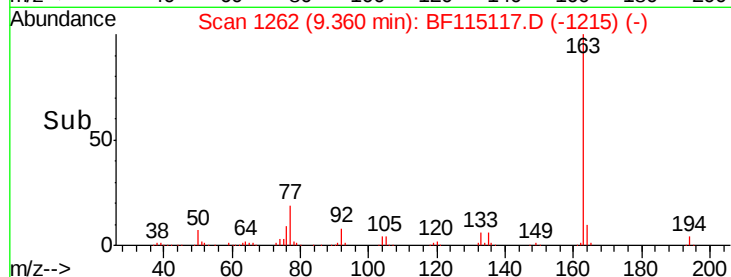
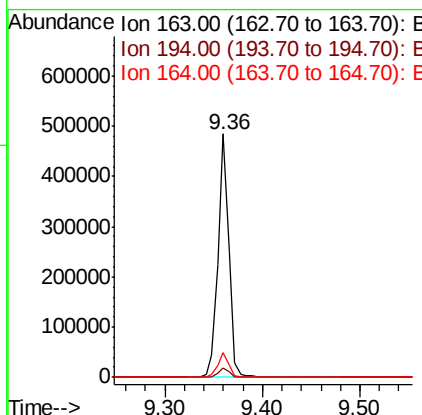
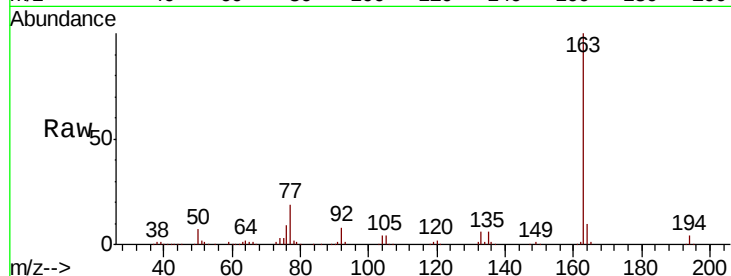




#50
Dimethylphthalate
Concen: 10.856 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

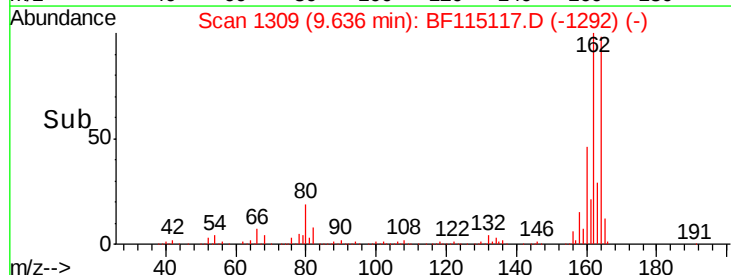
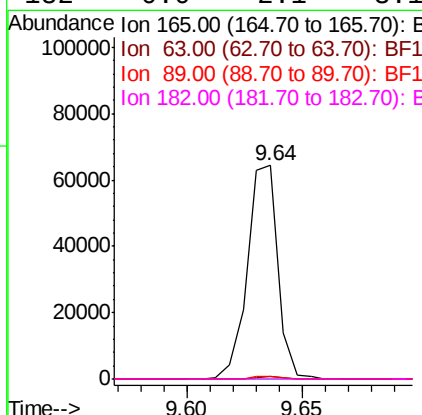
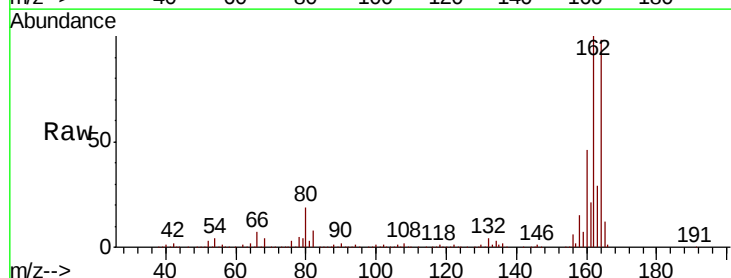
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-008-B

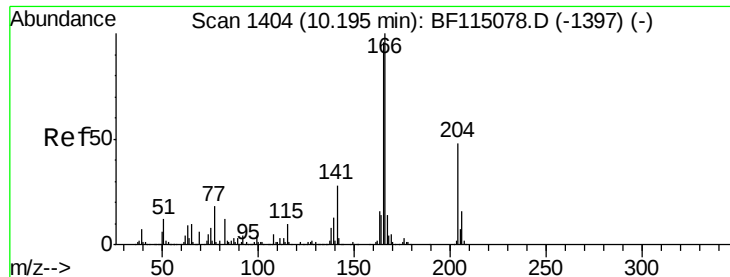
Tot Ion:163 Resp: 374080
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

Tgt Ion:165 Resp: 59525
Ion Ratio Lower Upper
165 100
63 1.2 27.5 41.3#
89 1.0 49.9 74.9#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 10.41 min Scan# 1441

Delta R.T. 0.22 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-B

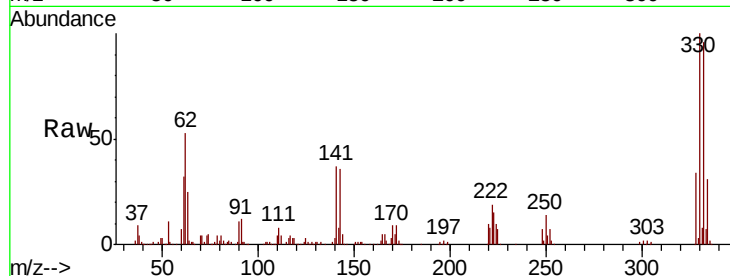
Tot Ion:166 Resp: 21935

Ion Ratio Lower Upper

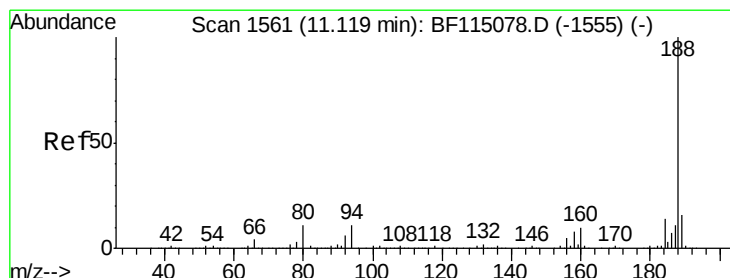
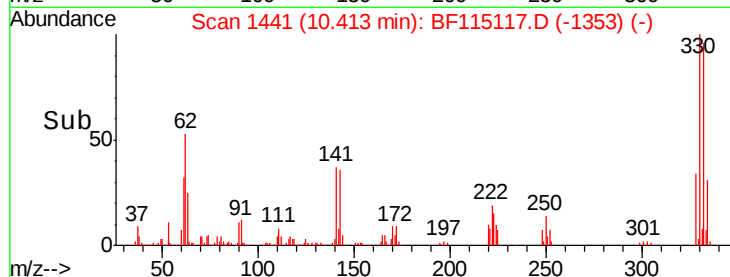
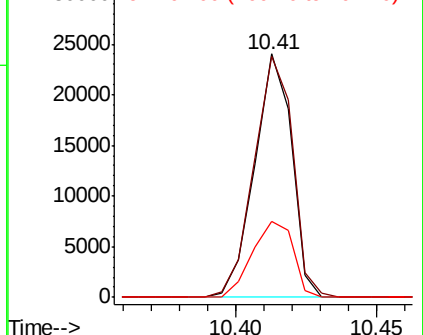
166 100

165 98.8 76.5 114.7

167 30.9 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

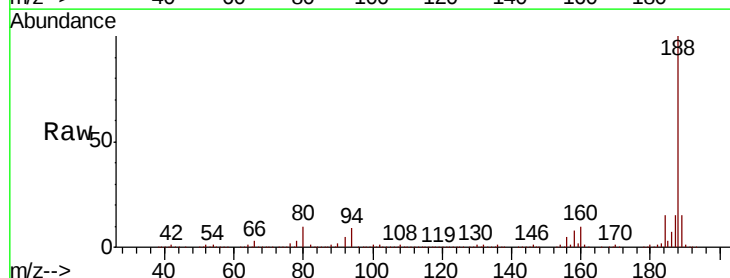
Tgt Ion:188 Resp: 921826

Ion Ratio Lower Upper

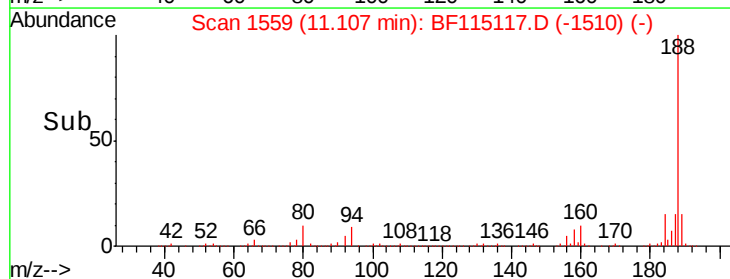
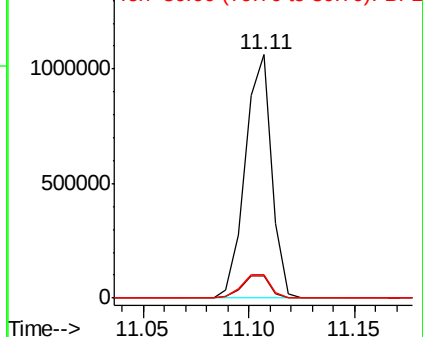
188 100

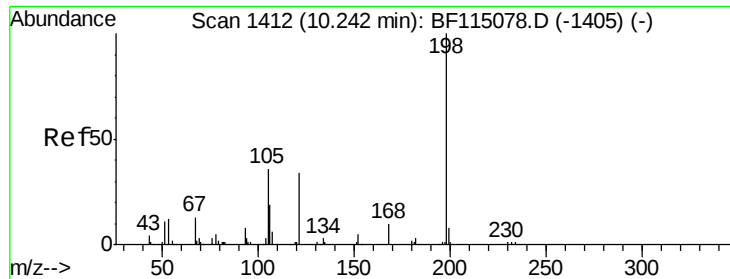
94 9.0 8.6 12.8

80 9.6 8.8 13.2



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

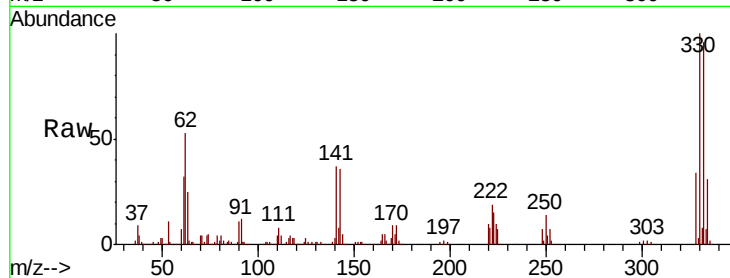




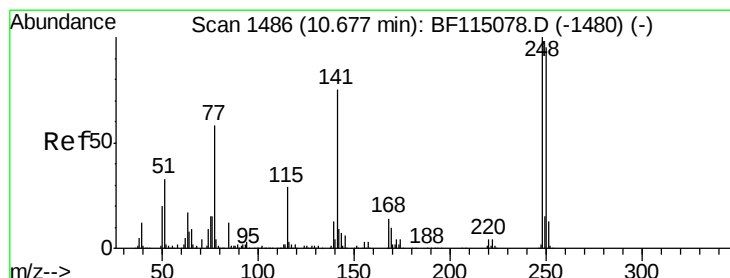
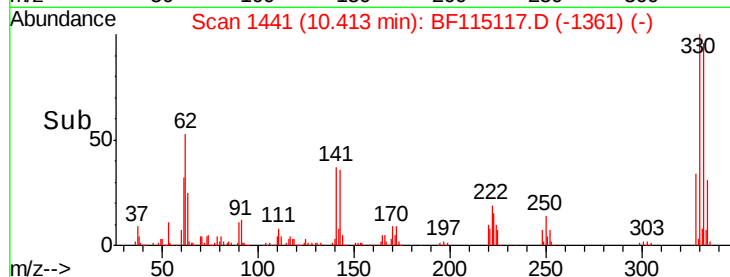
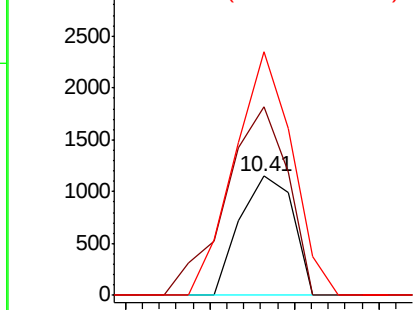
#65
4,6-Dinitro-2-methylphenol
Concen: 5.144 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

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

Tot Ion:198 Resp: 1007
Ion Ratio Lower Upper
198 100
51 158.5 11.0 51.0#
105 204.5 17.3 57.3#

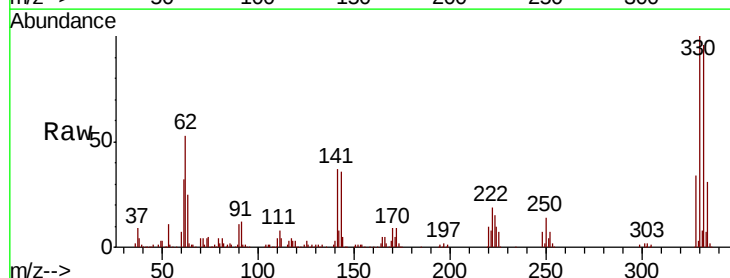


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

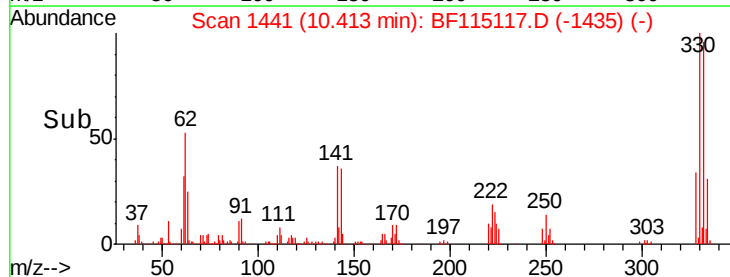
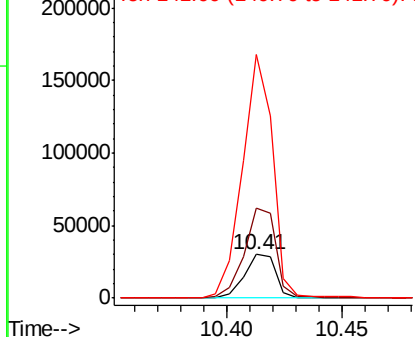


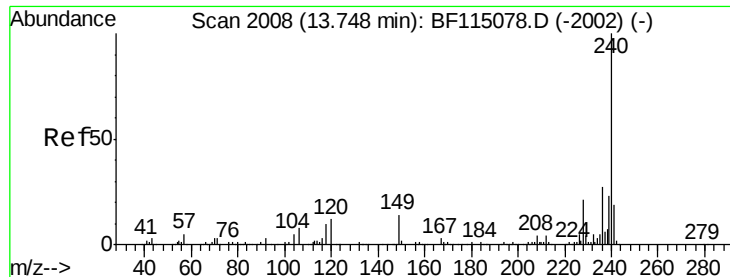
#67
4-Bromophenyl-phenylether
Concen: 2.903 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.26 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

Tgt Ion:248 Resp: 29017
Ion Ratio Lower Upper
248 100
250 207.5 76.2 114.2#
141 558.6 59.6 89.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-008-B

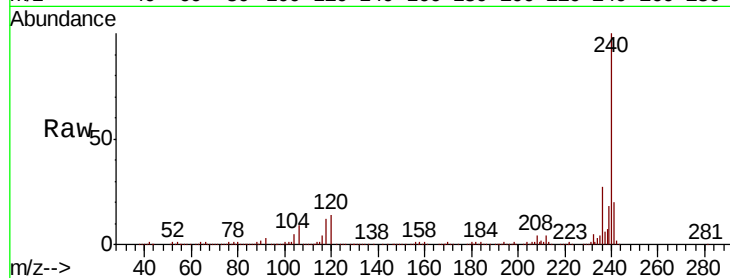
Tot Ion:240 Resp: 623324

Ion Ratio Lower Upper

240 100

120 13.9 9.4 14.2

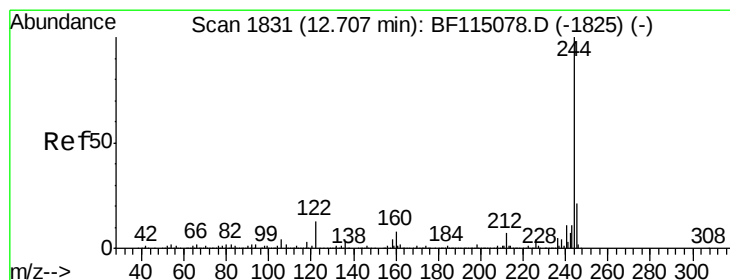
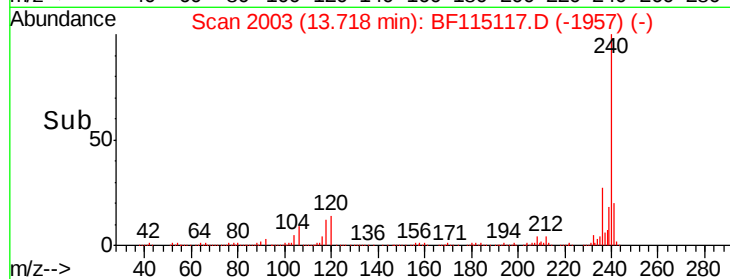
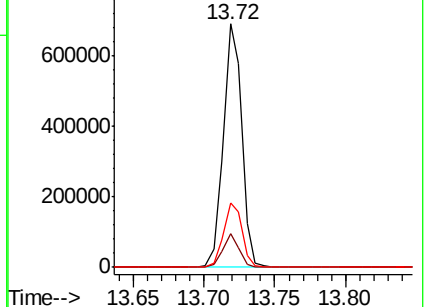
236 26.6 21.7 32.5



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: 90.056 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115117.D

Acq: 22 Jun 2019 13:43

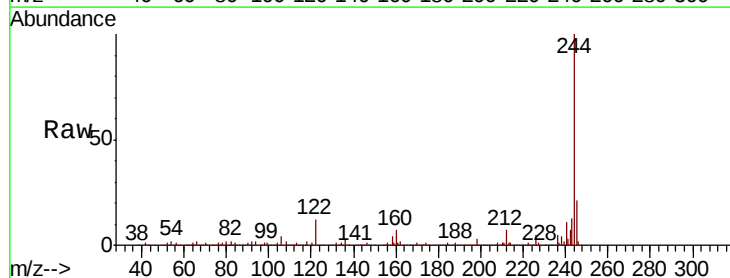
Tgt Ion:244 Resp: 2640156

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

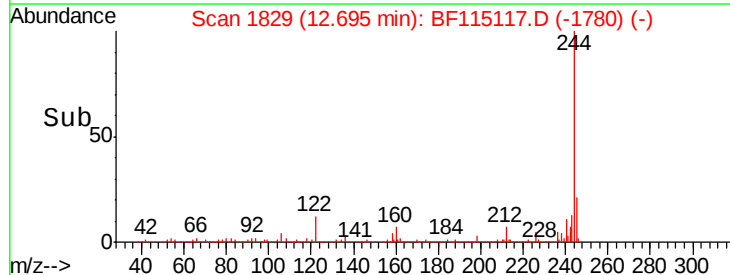
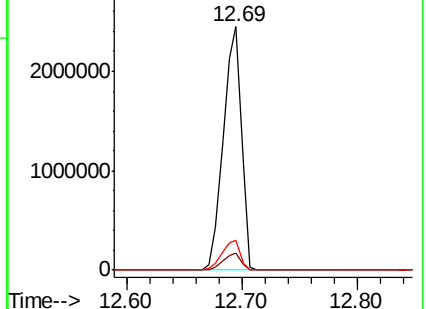
122 12.2 10.4 15.6

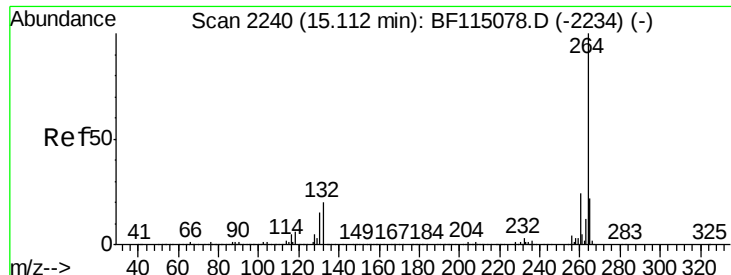


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115117.D
Acq: 22 Jun 2019 13:43

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.0	17.3	25.9

