

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115160.D
 Acq On : 24 Jun 2019 21:15
 Operator : HP/JU
 Sample : K3500-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Quant Time: Jun 25 07:42:20 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

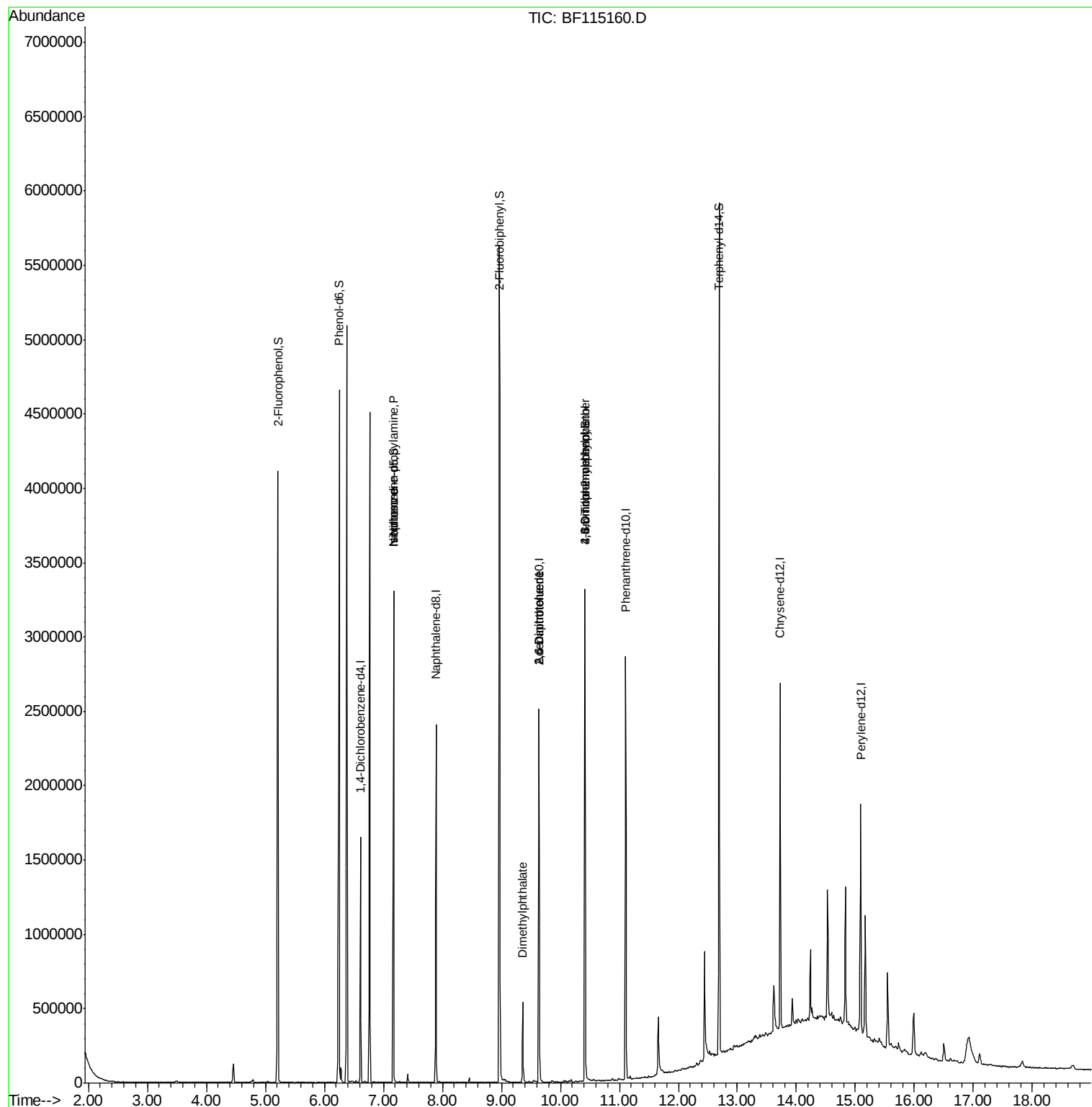
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	252390	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	959343	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	475905	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	955896	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	721961	20.00	ng	-0.02
87) Perylene-d12	15.09	264	618886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1392080	85.11	ng	0.00
7) Phenol-d6	6.25	99	1761422	88.73	ng	0.00
23) Nitrobenzene-d5	7.17	82	1043725	66.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	445548	88.78	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1837766	65.59	ng	-0.02
79) Terphenyl-d14	12.69	244	2073480	61.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	138801	10.921	ng	# 76
25) Isophorone	7.17	82	1032612	32.322	ng	# 63
50) Dimethylphthalate	9.36	163	220366	6.294	ng	# 98
51) 2,6-Dinitrotoluene	9.64	165	61192	7.570	ng	# 29
57) 2,4-Dinitrotoluene	9.64	165	61192	5.863	ng	# 30
58) Fluorene	10.41	166	20648	Below Cal		# 86
65) 4,6-Dinitro-2-methylphenol	10.42	198	952	5.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	28393	2.740	ng	# 1

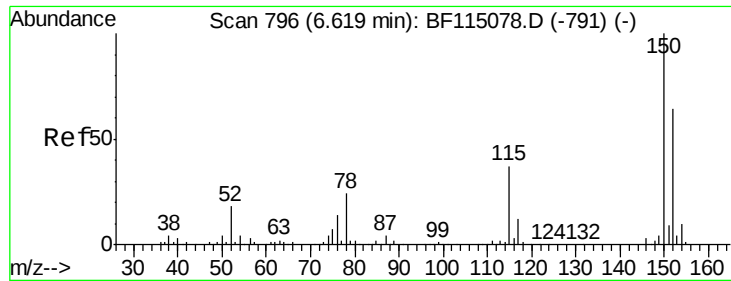
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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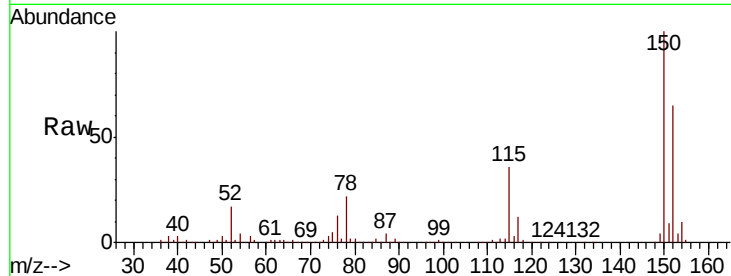


#1

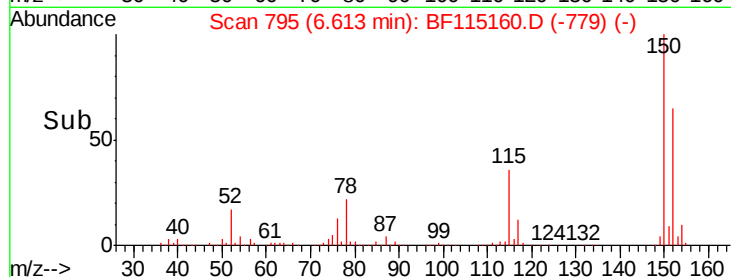
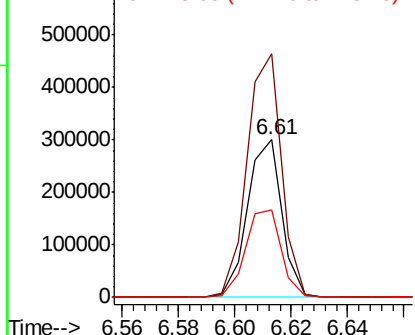
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion:152 Resp: 252390
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 55.4 46.1 69.1



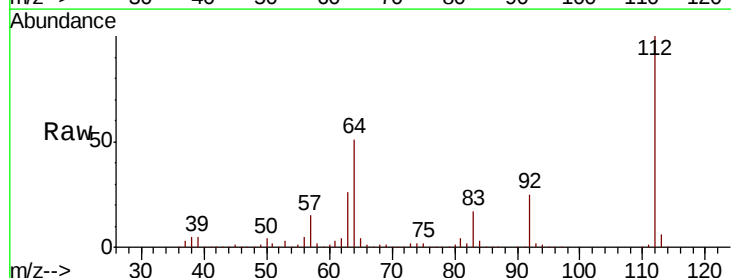
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



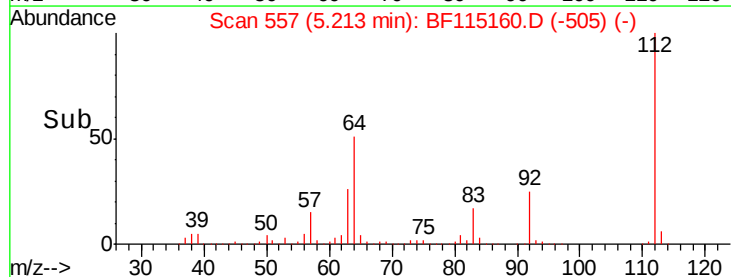
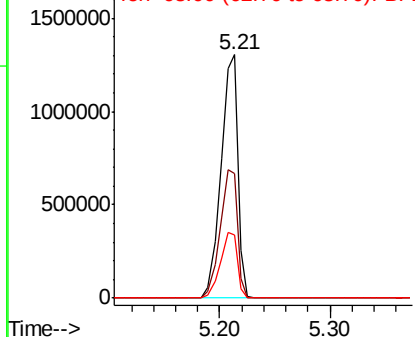
#5

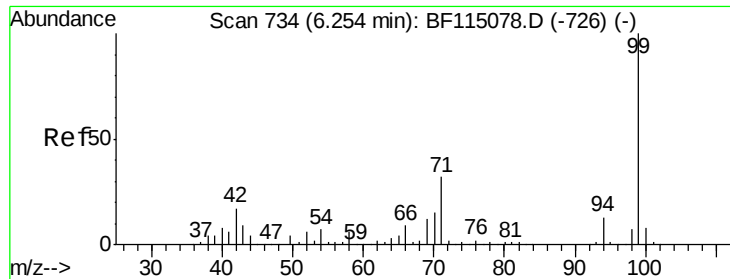
2-Fluorophenol
Concen: 85.115 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion:112 Resp: 1392080
Ion Ratio Lower Upper
112 100
64 51.4 43.8 65.6
63 26.2 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: 88.731 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115160.D

Acq: 24 Jun 2019 21:15

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

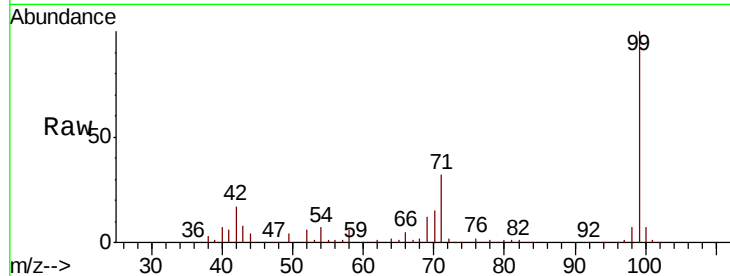
Tot Ion: 99 Resp: 1761422

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

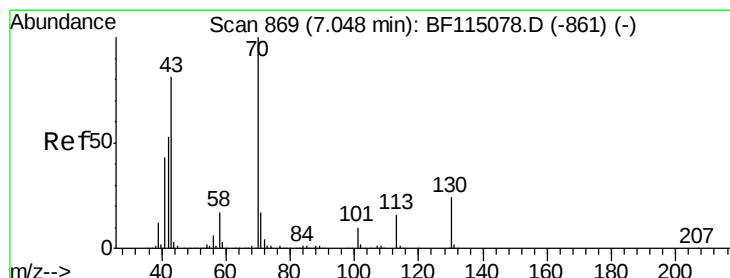
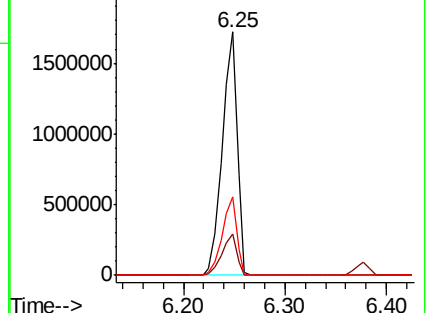
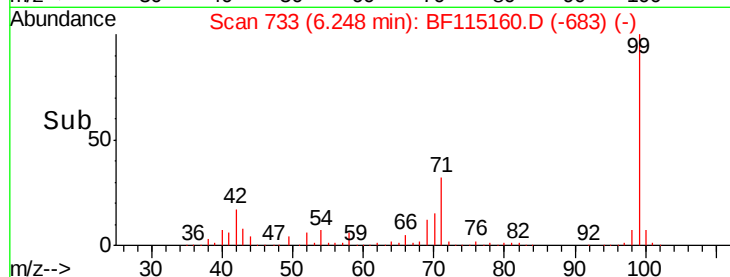
71 32.3 25.5 38.3



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: 10.921 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115160.D

Acq: 24 Jun 2019 21:15

Tgt Ion: 70 Resp: 138801

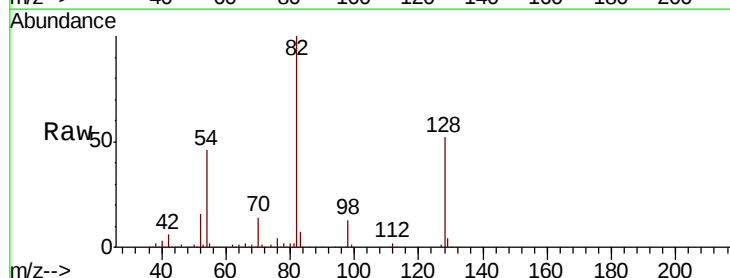
Ion Ratio Lower Upper

70 100

42 43.3 42.6 63.8

101 0.0 8.0 12.0#

130 2.2 19.4 29.0#

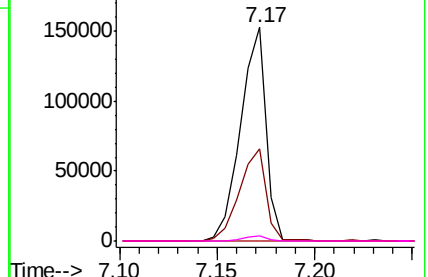
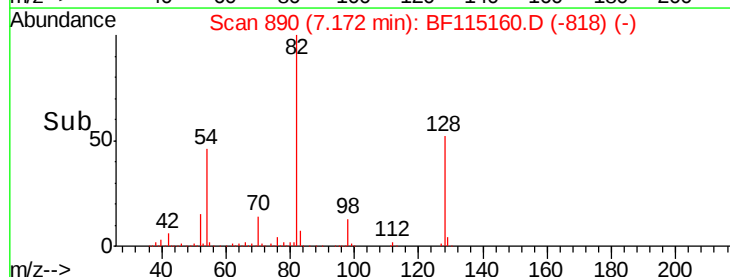


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

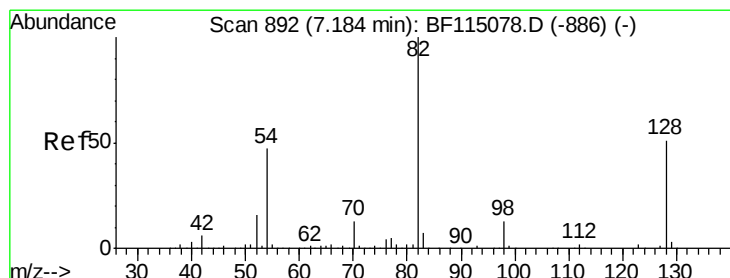
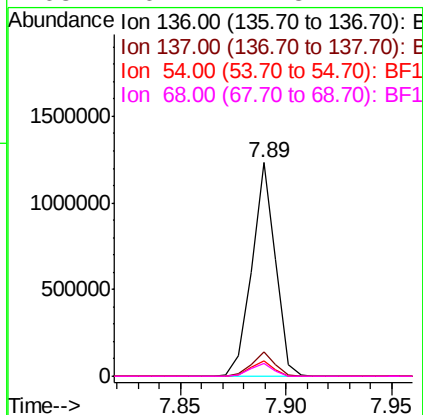
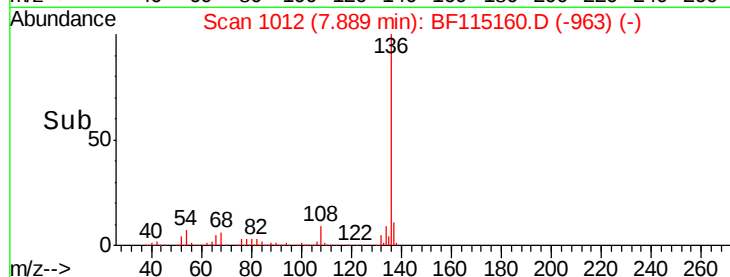
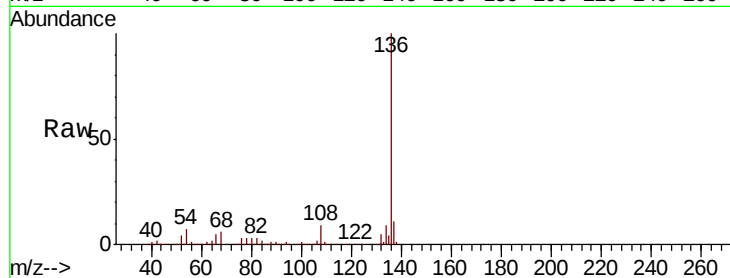




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

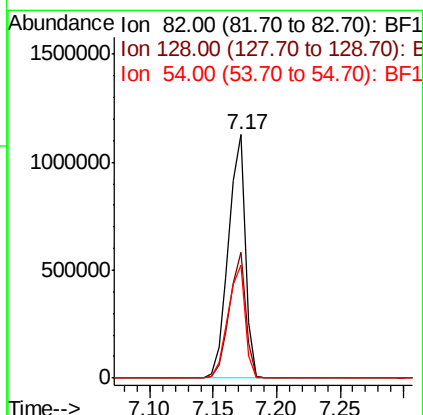
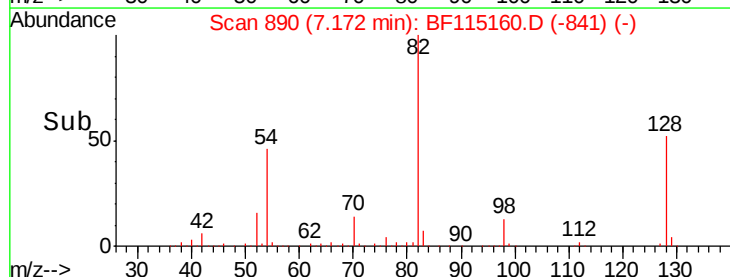
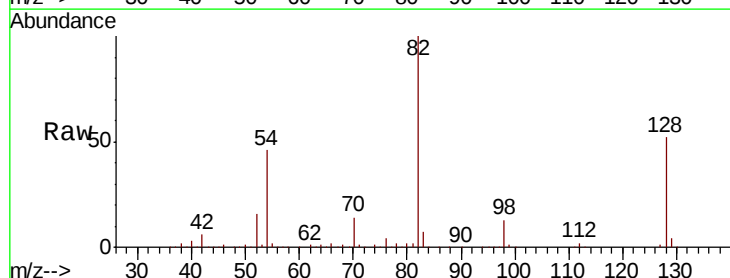
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

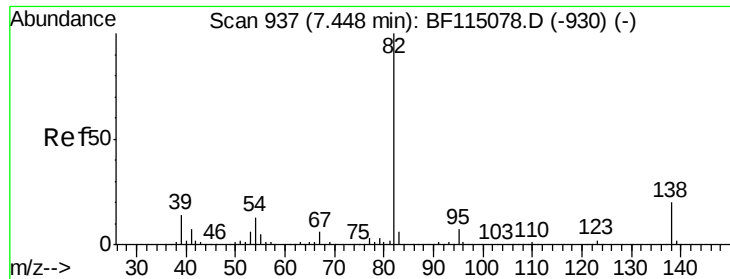
Tot Ion:136	Resp:	959343
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 7.0	5.6	8.4
68 6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.926 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion: 82	Resp: 1043725
Ion Ratio	Lower Upper
82 100	
128 51.8	40.4 60.6
54 46.3	37.5 56.3





#25

Isophorone

Concen: 32.322 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115160.D

Acq: 24 Jun 2019 21:15

Instrument :

BNA_F

ClientSampled :

B-5(9-10)

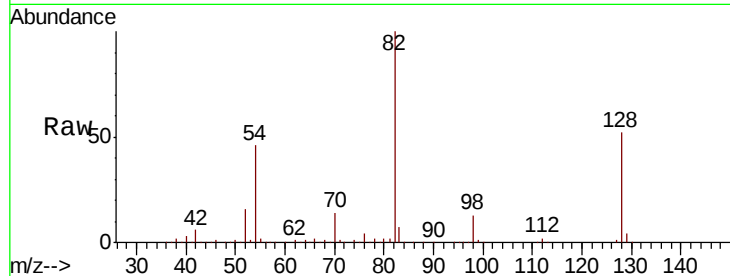
Tot Ion: 82 Resp: 1032612

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

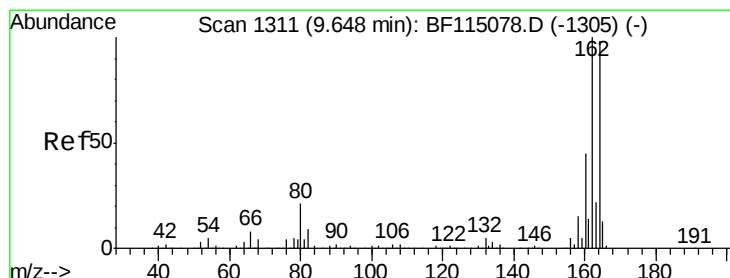
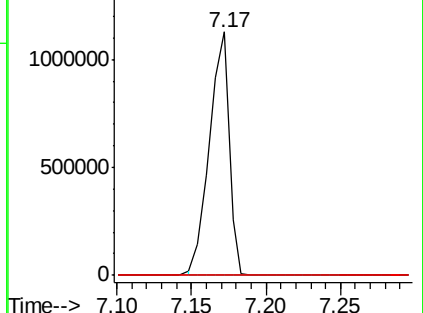
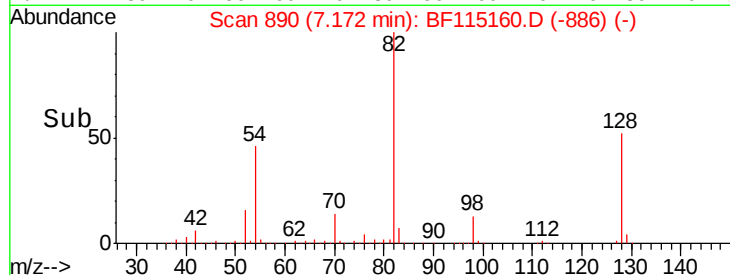
138 0.0 15.9 23.9#



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: BF115160.D

Acq: 24 Jun 2019 21:15

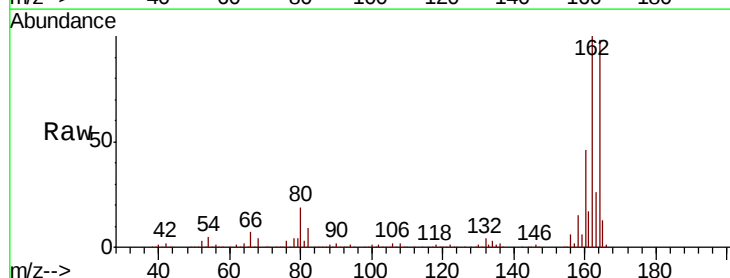
Tgt Ion:164 Resp: 475905

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

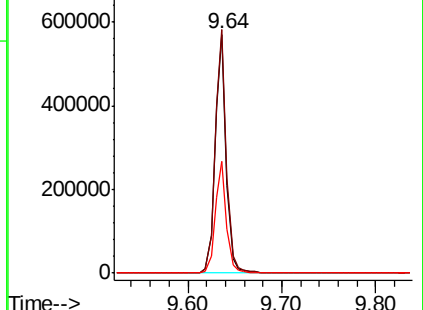
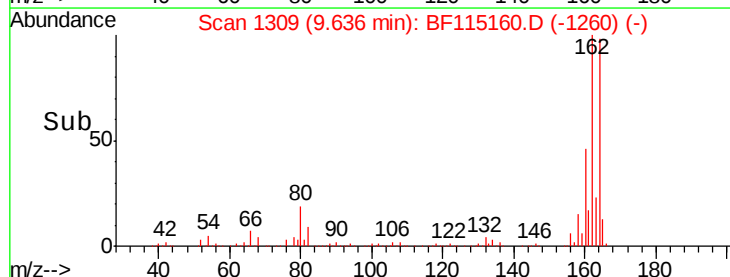
160 47.0 37.0 55.4



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

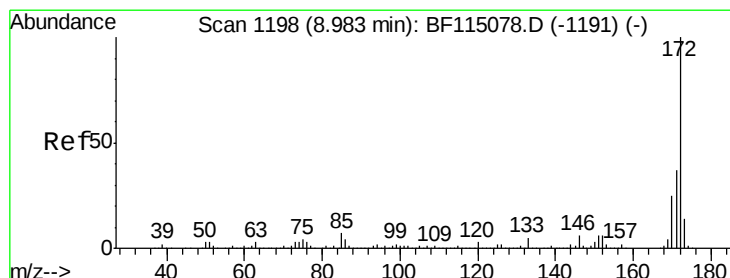
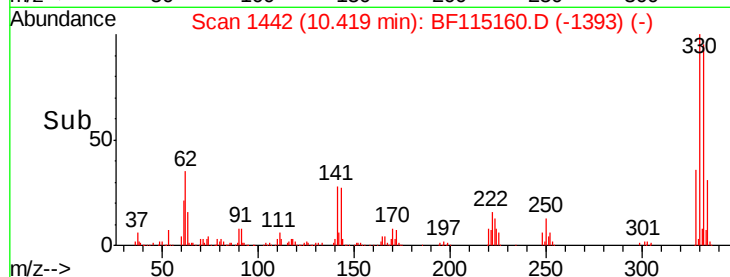
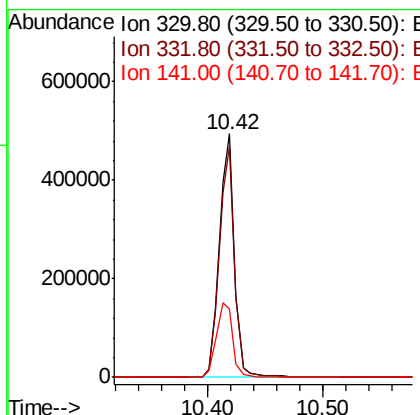
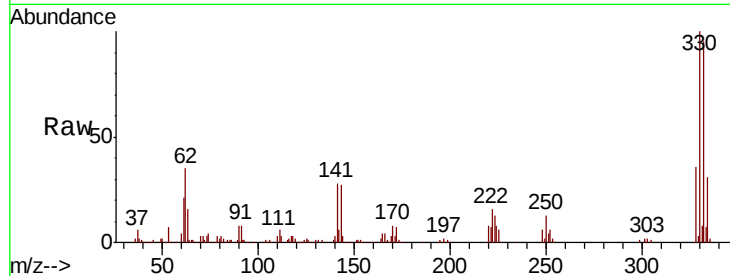




#42
 2,4,6-Tribromophenol
 Concen: 88.780 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115160.D
 Acq: 24 Jun 2019 21:15

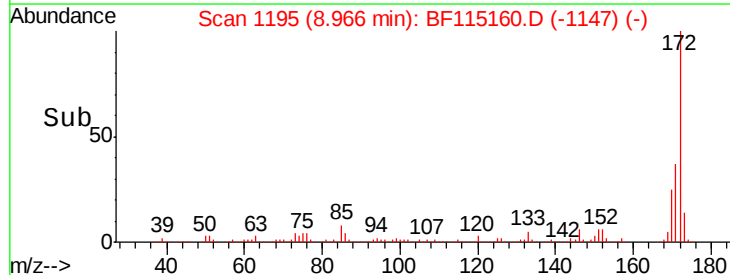
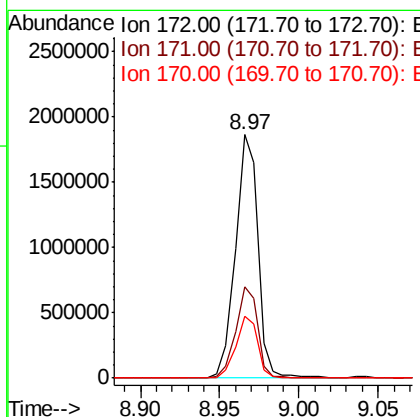
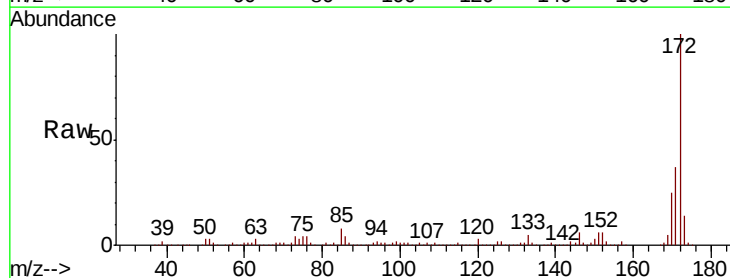
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.2	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 65.594 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115160.D
 Acq: 24 Jun 2019 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.2	20.3	30.5

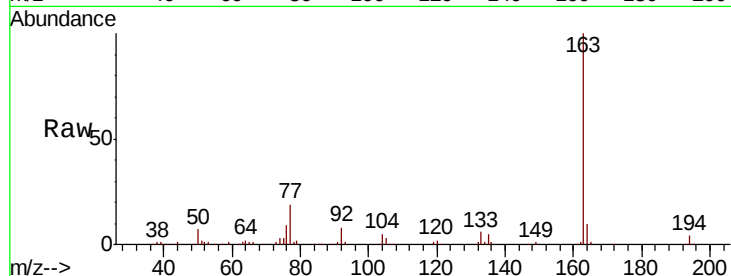




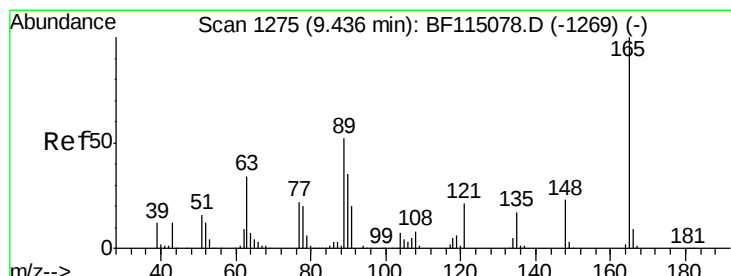
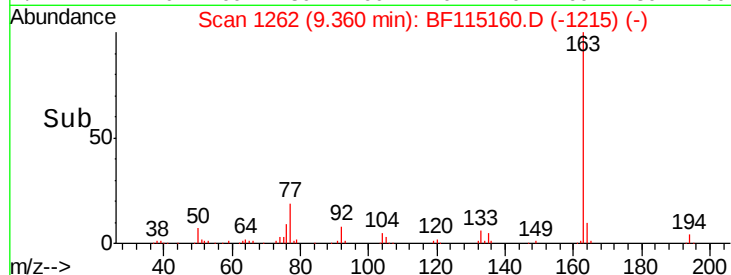
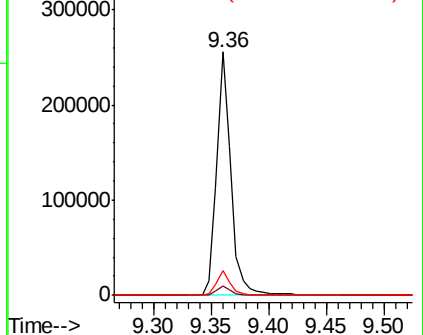
#50
Dimethylphthalate
Concen: 6.294 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	8.6	13.0

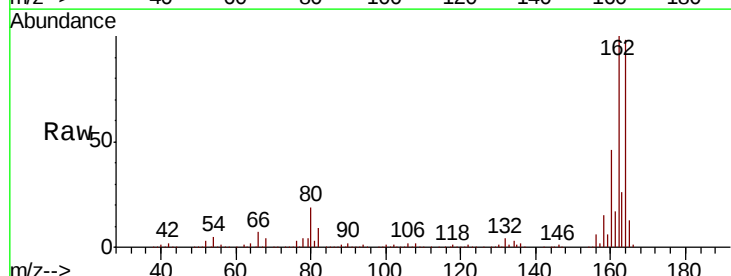


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

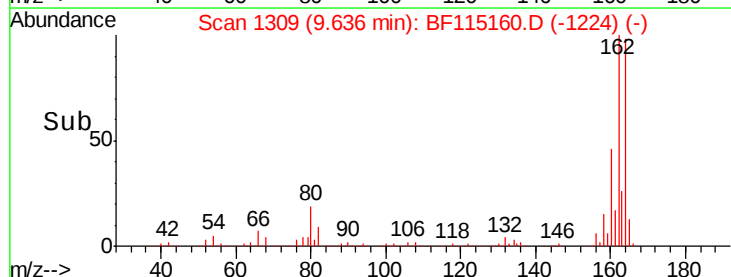
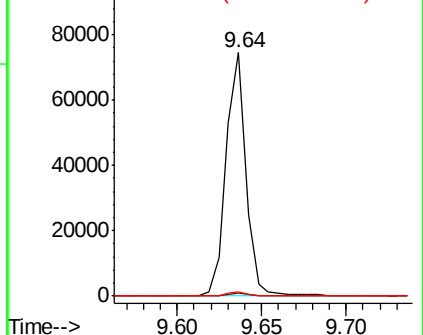


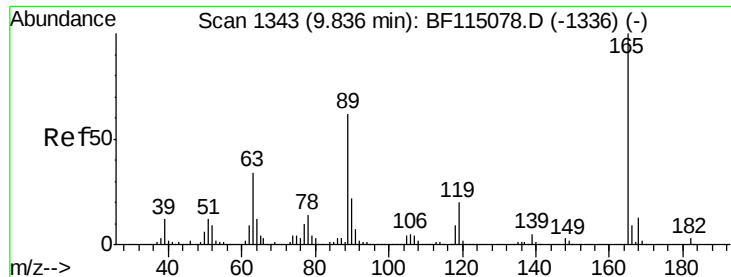
#51
2,6-Dinitrotoluene
Concen: 7.570 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.6	42.0	63.0#



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

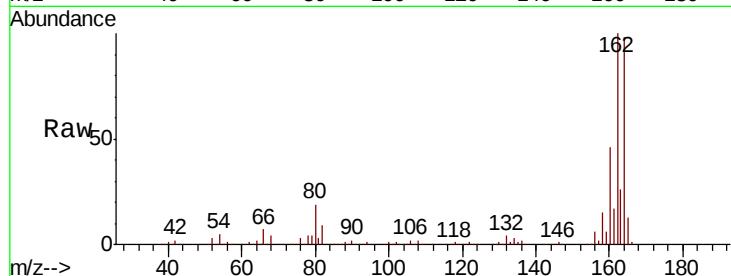




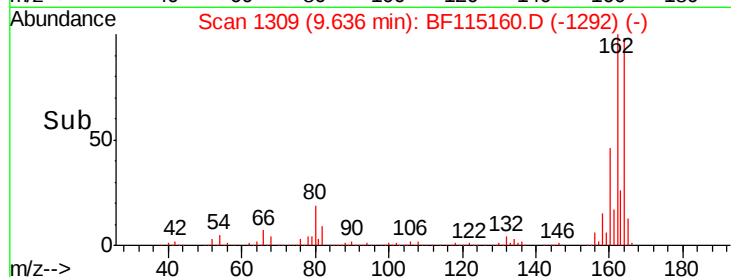
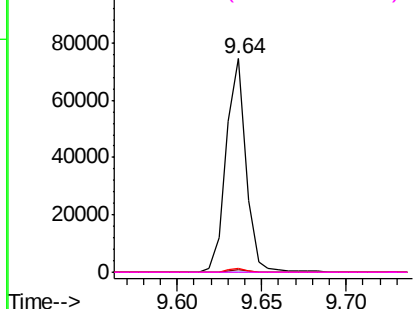
#57
2,4-Dinitrotoluene
Concen: 5.863 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Instrument :
BNA_F
ClientSampled :
B-5(9-10)

Tot Ion:165 Resp: 61192
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.6 49.9 74.9#
182 0.0 2.1 3.1#

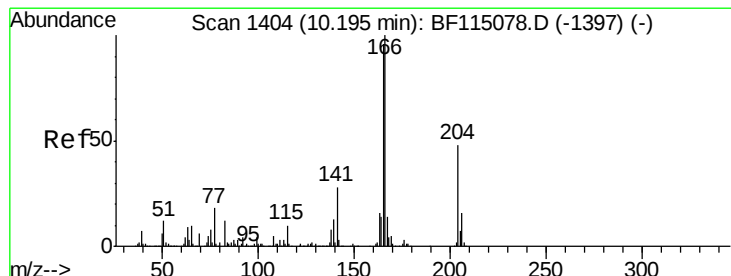


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

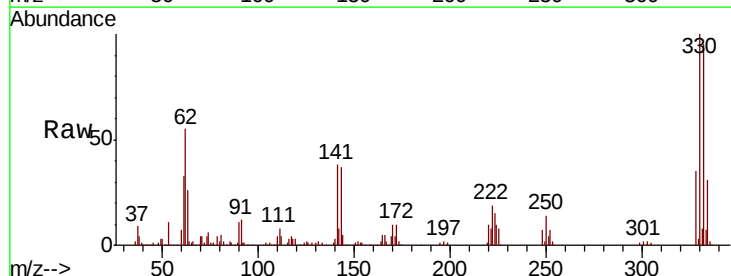
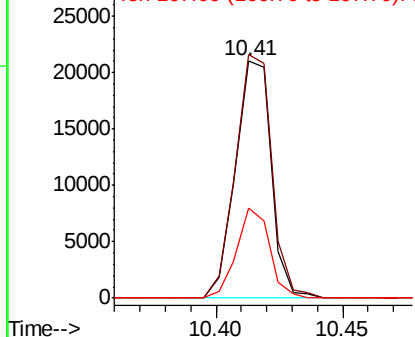


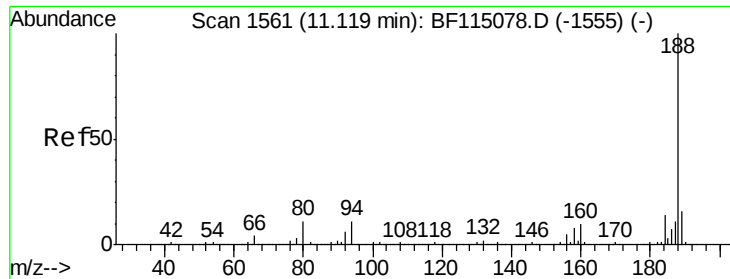
#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1441
Delta R.T. 0.22 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion:166 Resp: 20648
Ion Ratio Lower Upper
166 100
165 102.4 76.5 114.7
167 38.0 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

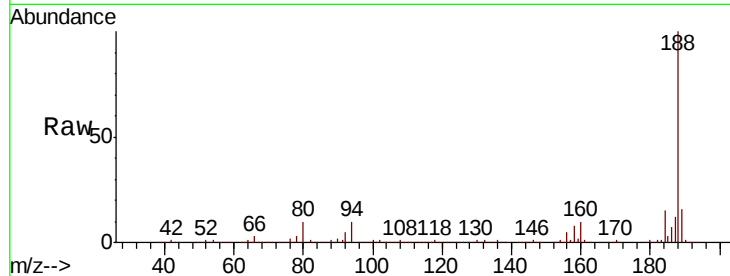




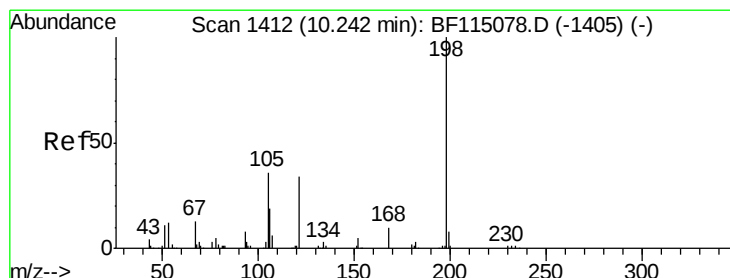
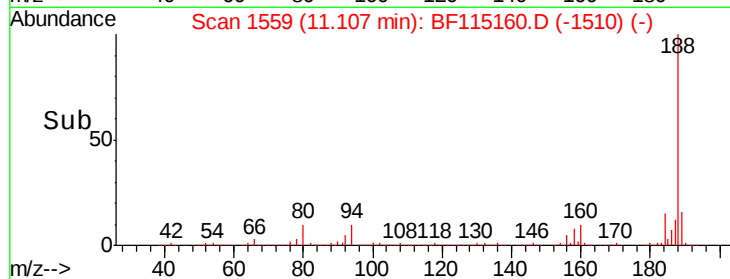
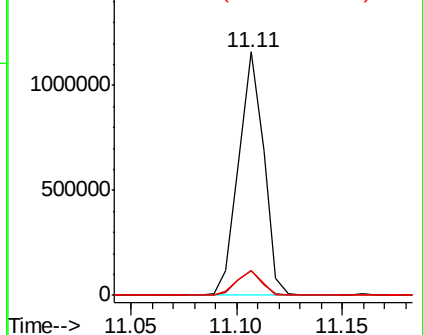
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion:188 Resp: 955896
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.3 8.8 13.2

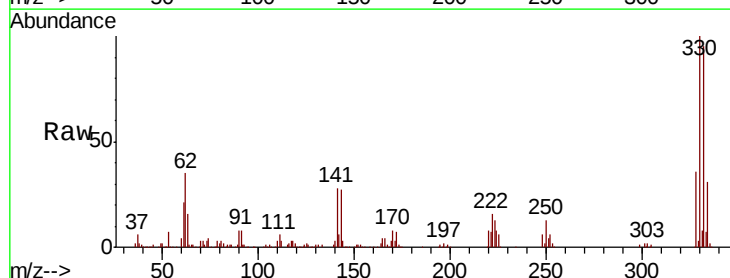


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

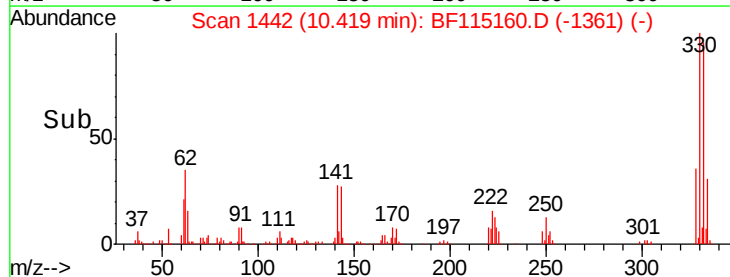
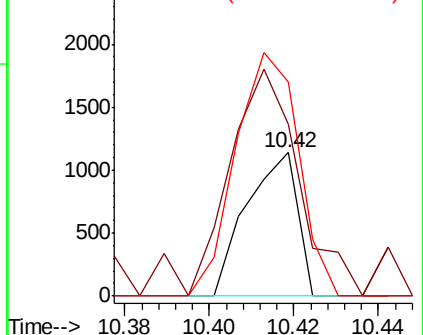


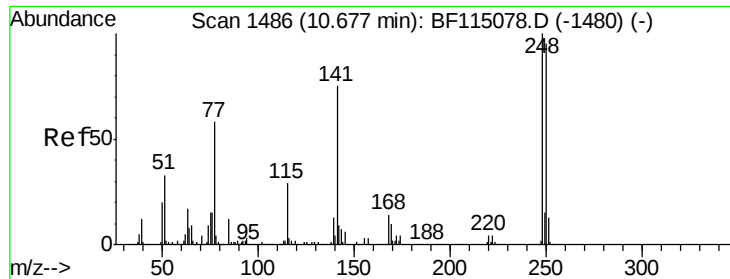
#65
4,6-Dinitro-2-methylphenol
Concen: 5.128 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion:198 Resp: 952
Ion Ratio Lower Upper
198 100
51 119.4 11.0 51.0#
105 149.7 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

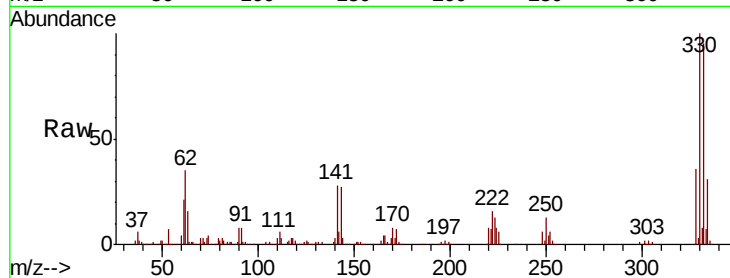




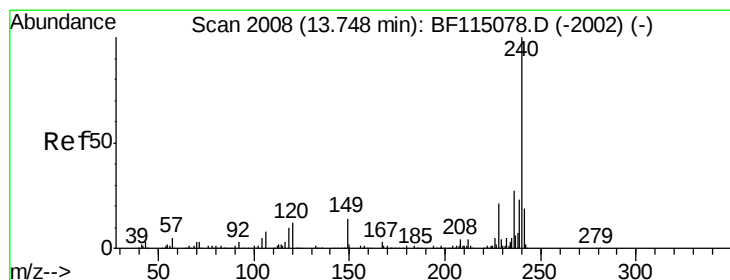
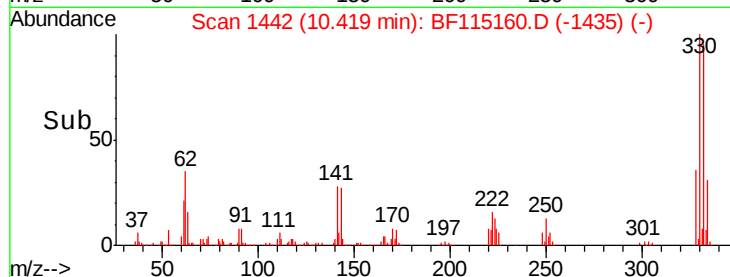
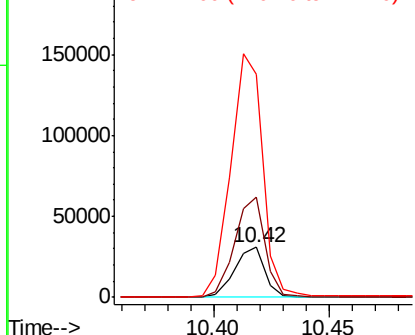
#67
4-Bromophenyl-phenylether
Concen: 2.740 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Tot Ion:248 Resp: 28393
Ion Ratio Lower Upper
248 100
250 202.5 76.2 114.2#
141 449.3 59.6 89.4#

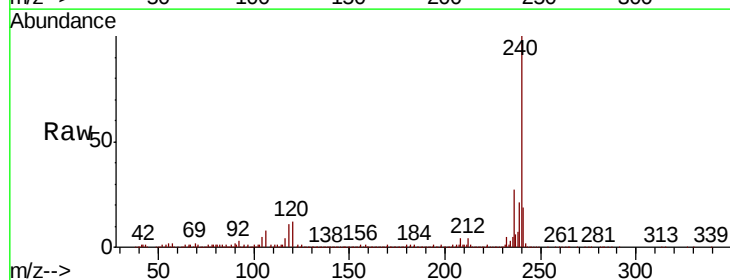


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

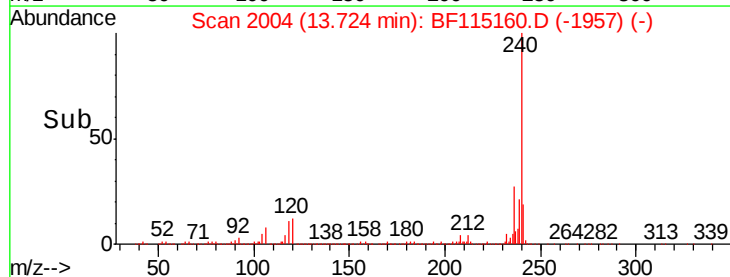
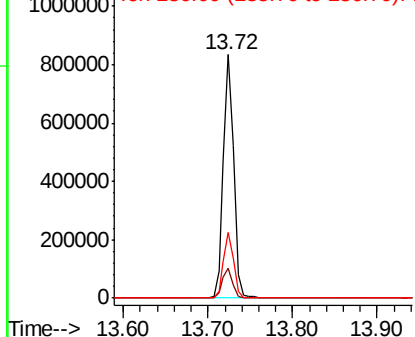


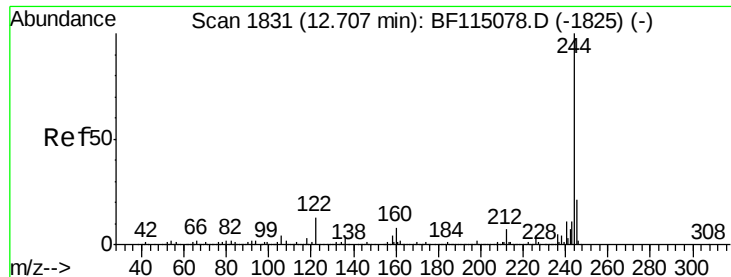
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115160.D
Acq: 24 Jun 2019 21:15

Tgt Ion:240 Resp: 721961
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.8 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: 61.063 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115160.D

Acq: 24 Jun 2019 21:15

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)

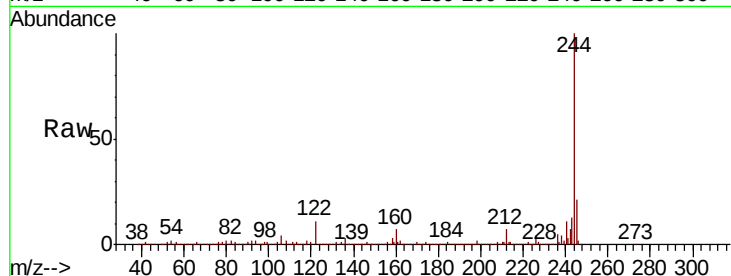
Tot Ion:244 Resp: 2073480

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

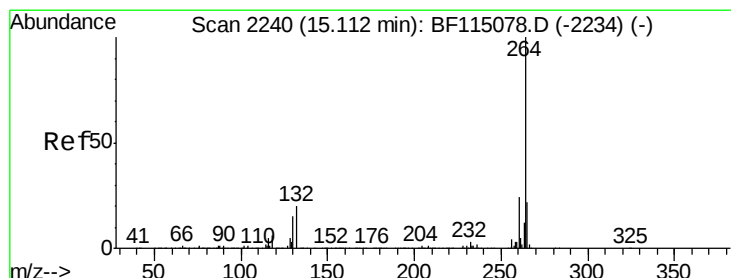
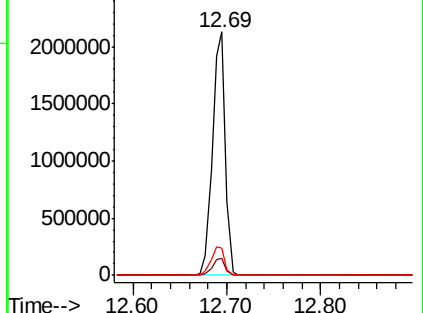
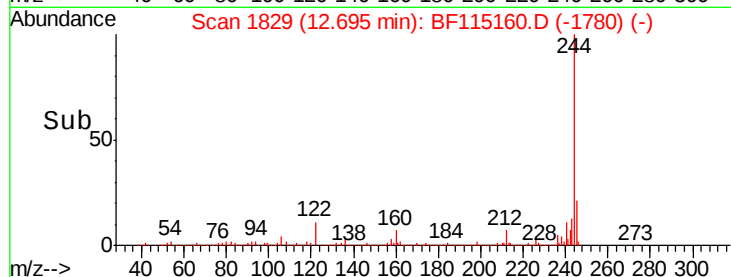
122 11.4 10.4 15.6



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: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115160.D

Acq: 24 Jun 2019 21:15

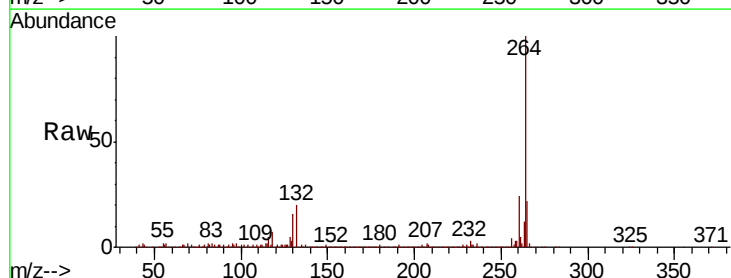
Tgt Ion:264 Resp: 618886

Ion Ratio Lower Upper

264 100

260 24.2 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

