

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115148.D
 Acq On : 24 Jun 2019 14:36
 Operator : HP/JU
 Sample : K3454-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30272

Quant Time: Jun 24 15:41:38 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

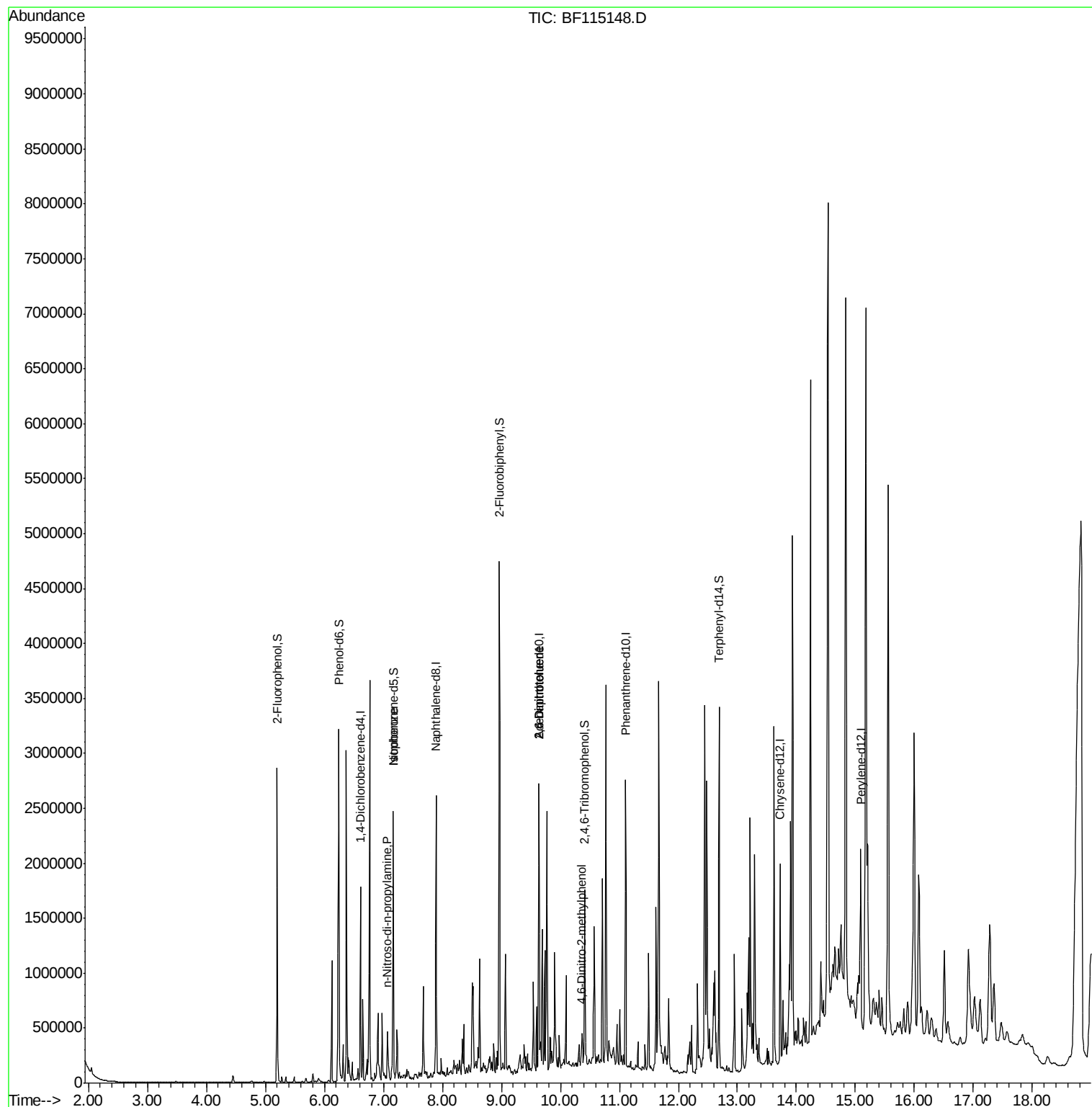
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270385	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1026521	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	488275	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	870251	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	558608	20.00	ng	-0.02
87) Perylene-d12	15.09	264	644605	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	822188	46.92	ng	0.00
7) Phenol-d6	6.24	99	1070838	50.35	ng	-0.01
23) Nitrobenzene-d5	7.17	82	730705	43.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	179507	34.86	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1438074	50.03	ng	-0.02
79) Terphenyl-d14	12.69	244	1053734	40.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	28949	2.126	ng	# 54
25) Isophorone	7.17	82	718729	21.025	ng	# 63
51) 2,6-Dinitrotoluene	9.64	165	65445	7.891	ng	# 29
57) 2,4-Dinitrotoluene	9.64	165	65445	6.111	ng	# 31
58) Fluorene	10.18	166	3090	Below Cal	#	92
61) 4-Chlorophenyl-phenylether	10.04	204	292	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.35	198	109	4.981	ng	# 1

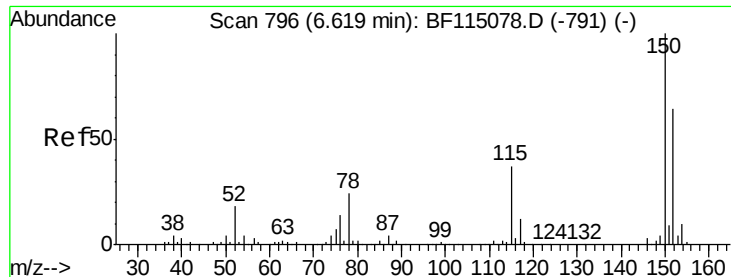
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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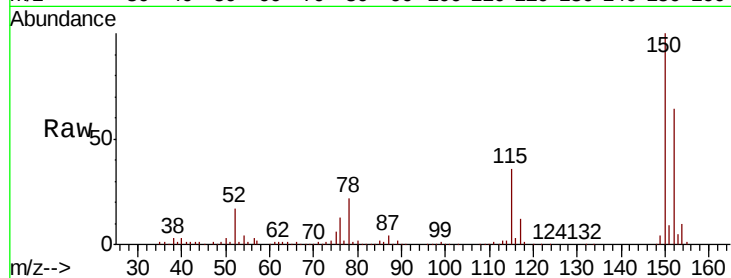


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Instrument :
BNA_F
ClientSampleId :
30272

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	56.0	46.1	69.1

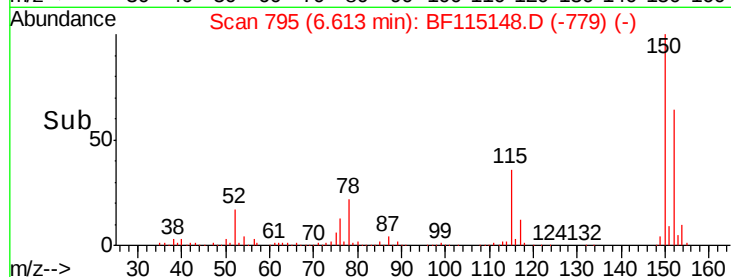
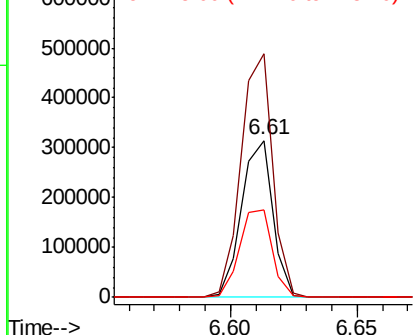


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

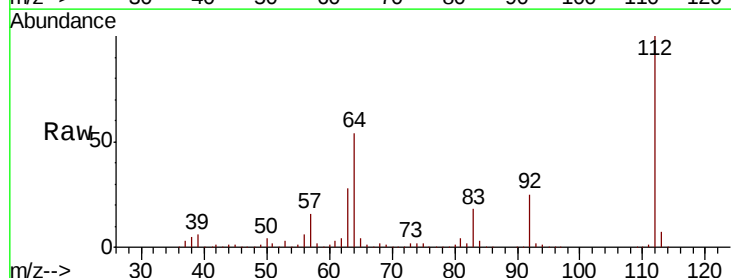
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.925 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.6
63	27.6	22.2	33.4

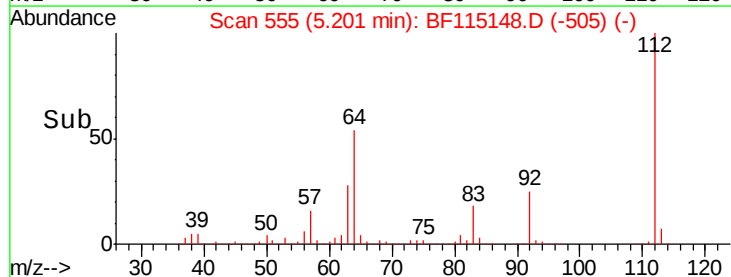
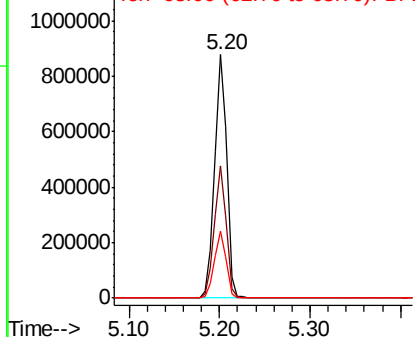


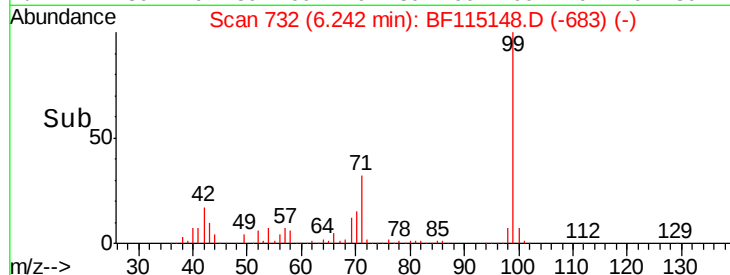
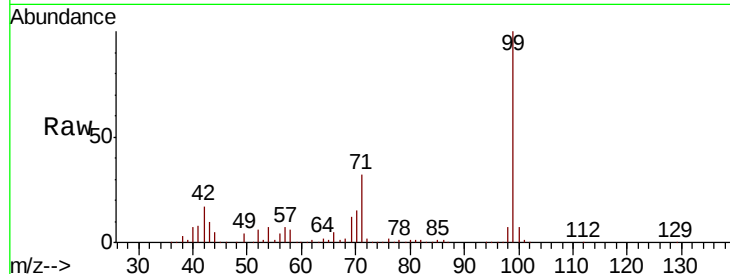
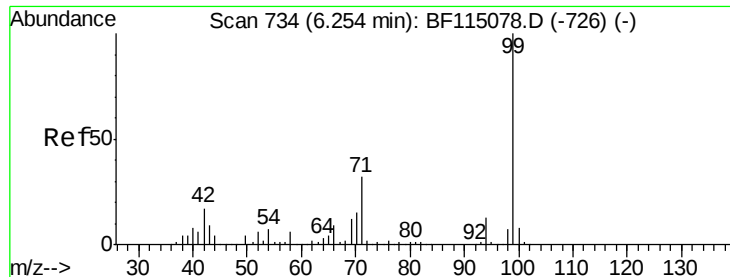
Abundance

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: 50.353 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampleId :

30272

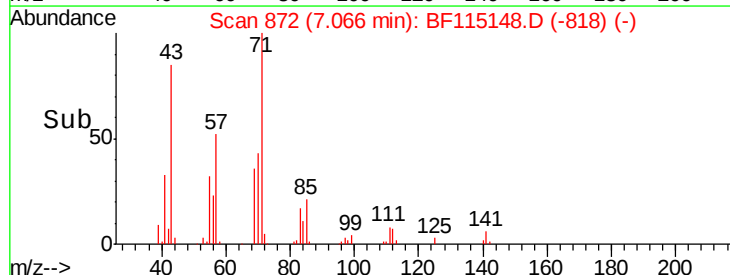
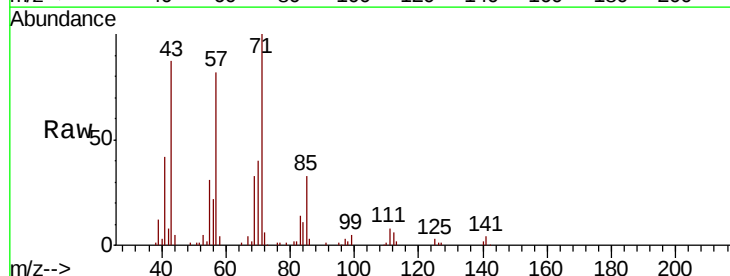
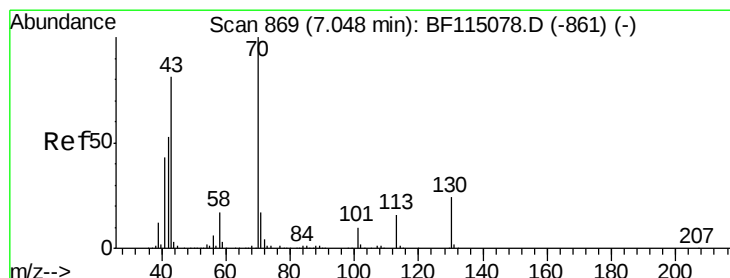
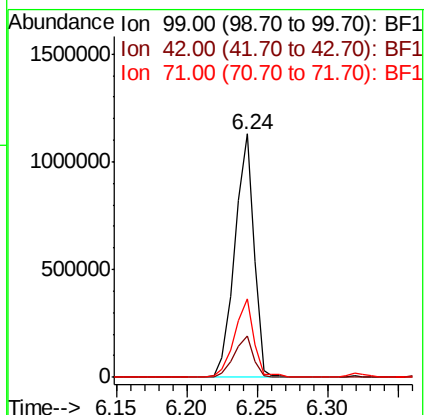
Tot Ion: 99 Resp: 1070838

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 32.3 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.126 ng

RT: 7.07 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Tgt Ion: 70 Resp: 28949

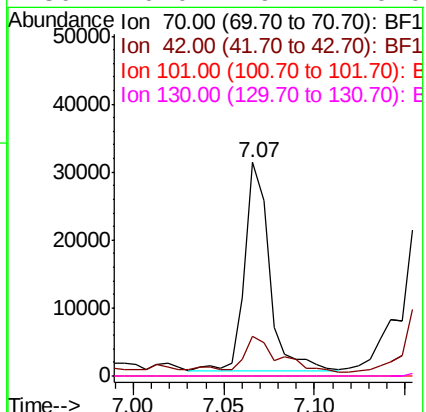
Ion Ratio Lower Upper

70 100

42 18.6 42.6 63.8#

101 0.0 8.0 12.0#

130 0.0 19.4 29.0#

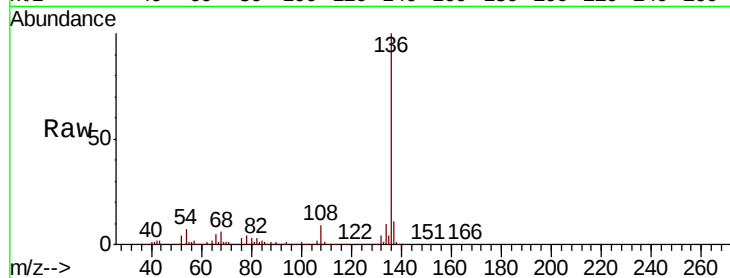




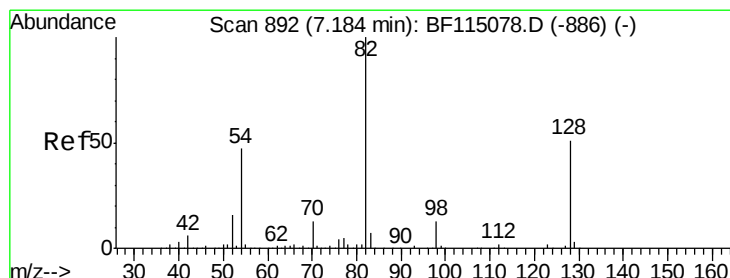
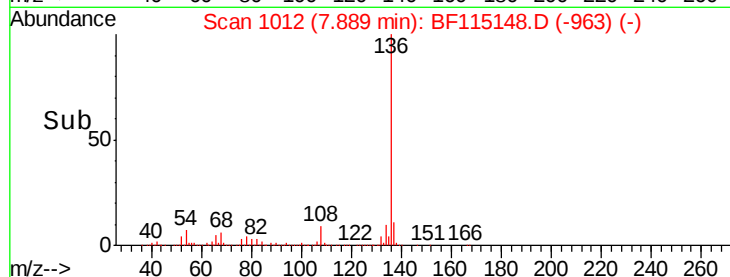
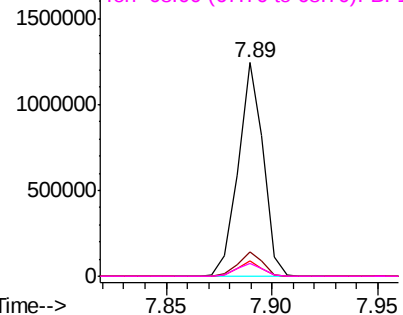
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Instrument :
BNA_F
ClientSampleId :
30272

Tot Ion:136	Resp: 1026521
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.3	5.6 8.4
68 6.2	4.8 7.2

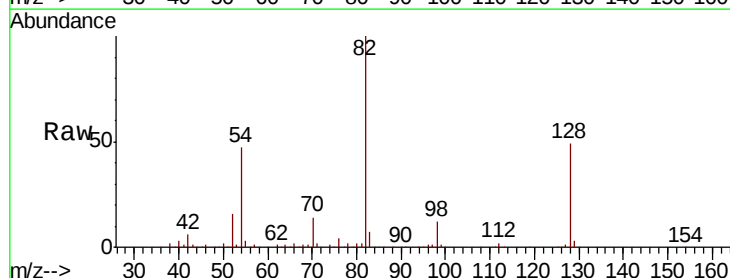


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

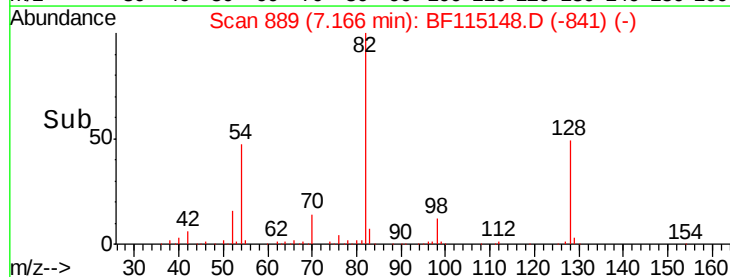
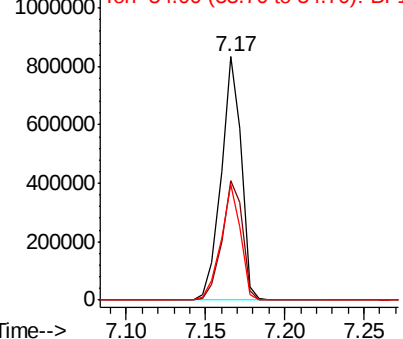


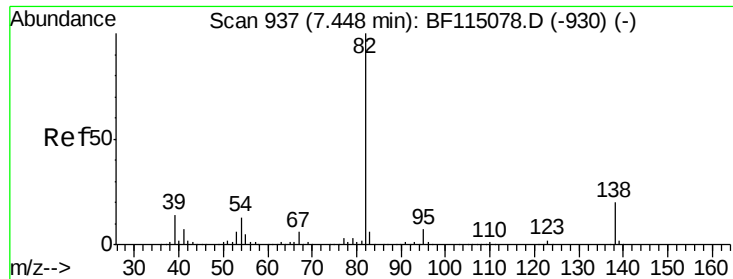
#23
Nitrobenzene-d5
Concen: 43.788 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 82	Resp: 730705
Ion Ratio	Lower Upper
82 100	
128 48.9	40.4 60.6
54 47.3	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: 21.025 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampled :

30272

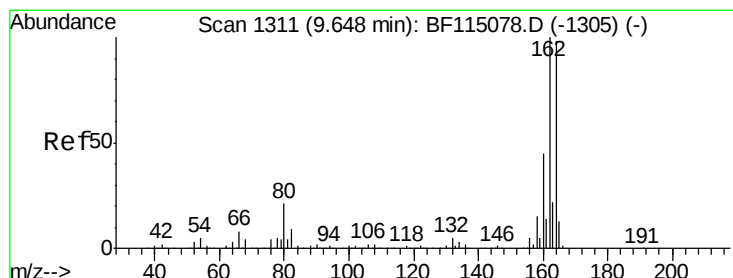
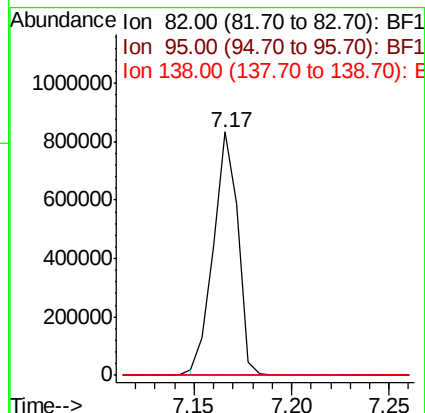
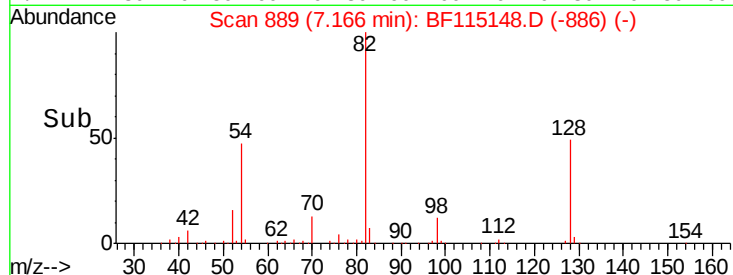
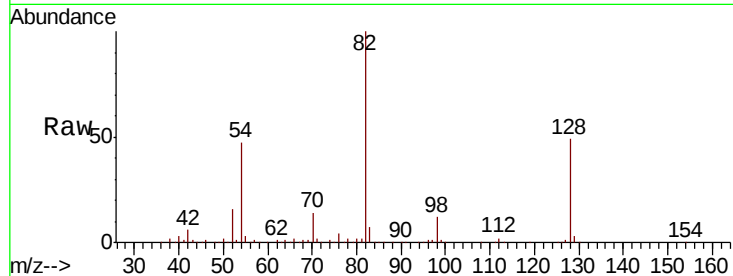
Tot Ion: 82 Resp: 718729

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 15.9 23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

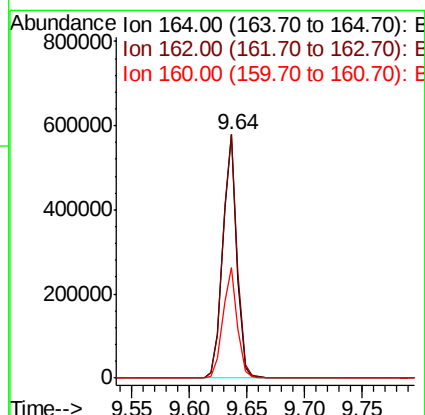
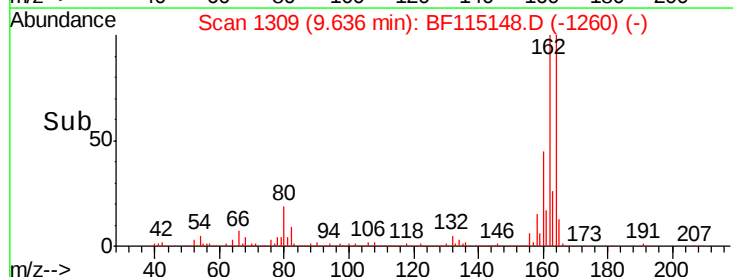
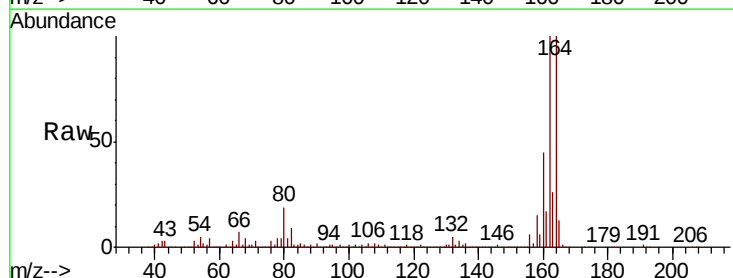
Tgt Ion: 164 Resp: 488275

Ion Ratio Lower Upper

164 100

162 99.8 81.7 122.5

160 45.2 37.0 55.4

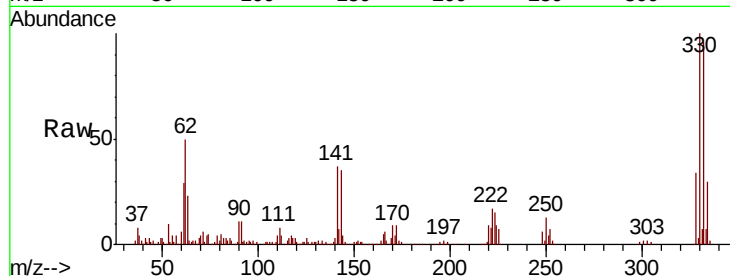




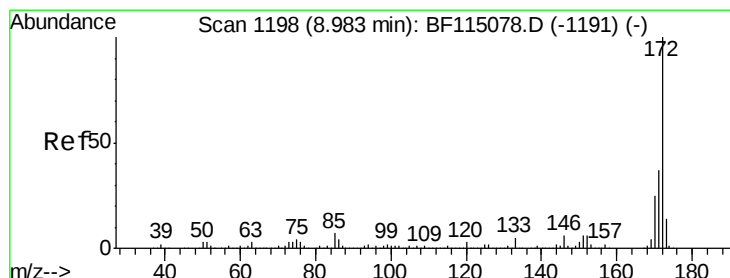
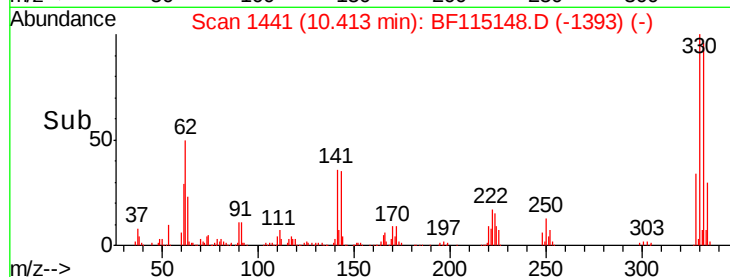
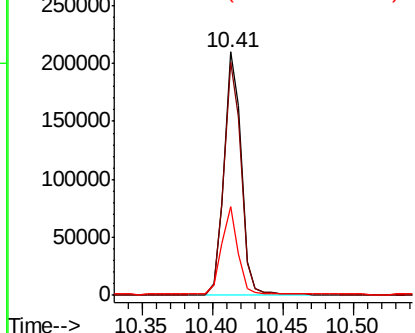
#42
 2,4,6-Tribromophenol
 Concen: 34.862 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Instrument :
 BNA_F
 ClientSampled :
 30272

Tot Ion:330 Resp: 179507
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 34.2 28.2 42.2

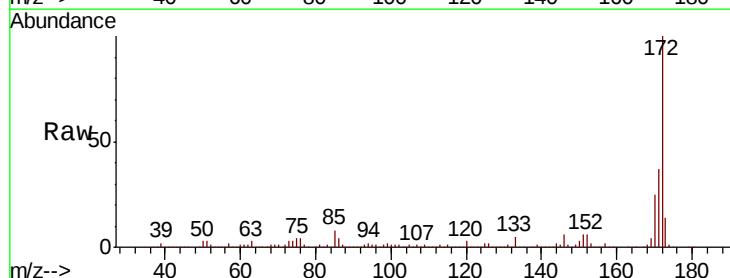


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

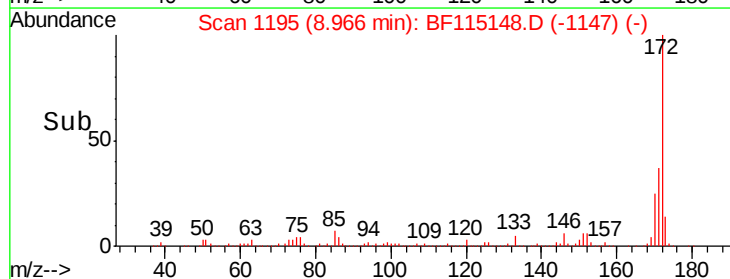
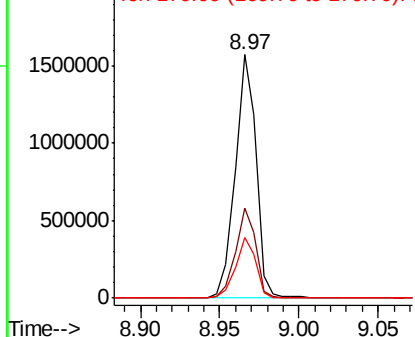


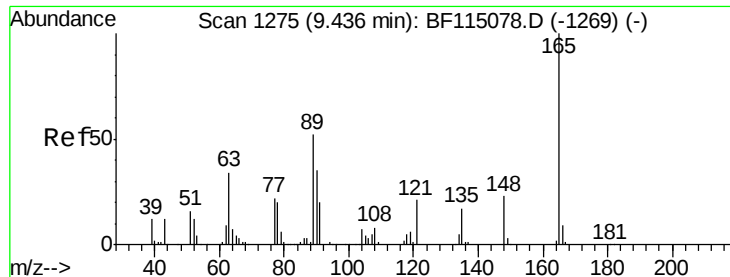
#45
 2-Fluorobiphenyl
 Concen: 50.028 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Tgt Ion:172 Resp: 1438074
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.7 20.3 30.5



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

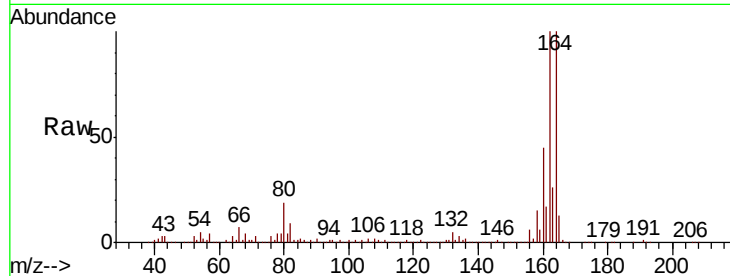




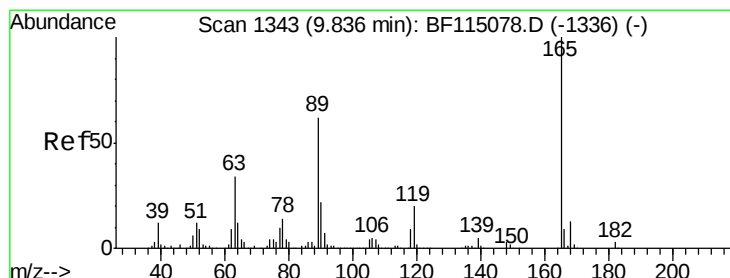
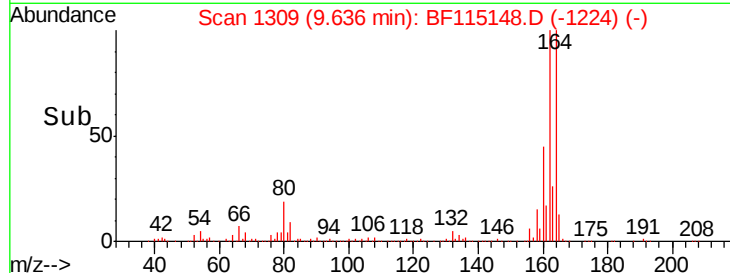
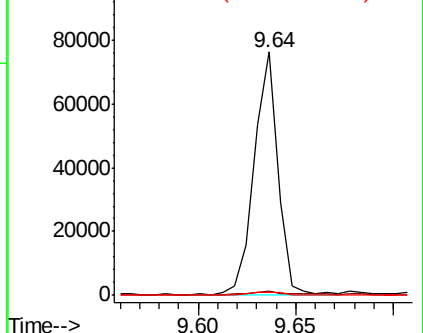
#51
 2,6-Dinitrotoluene
 Concen: 7.891 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 30272

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.4	59.2#
89	1.3	42.0	63.0#



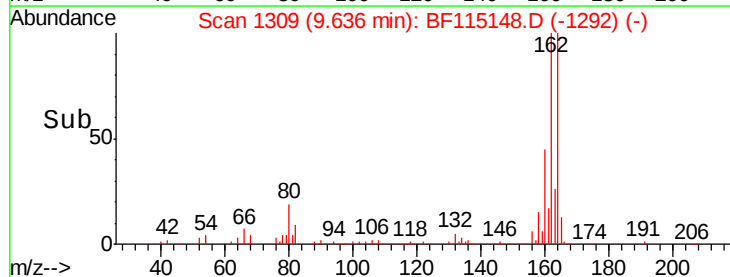
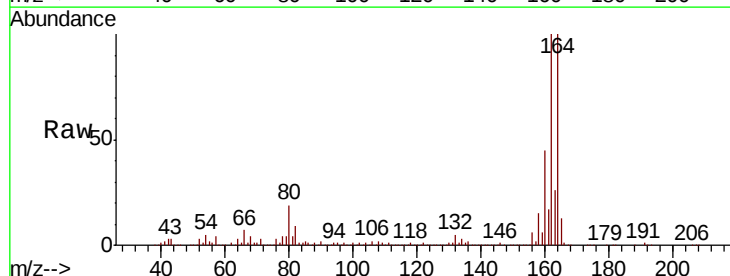
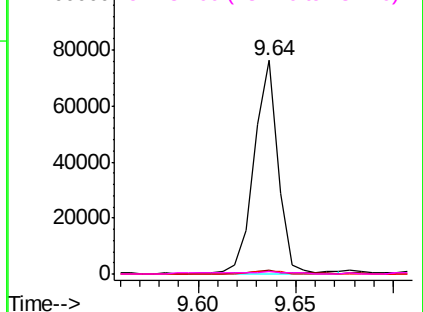
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

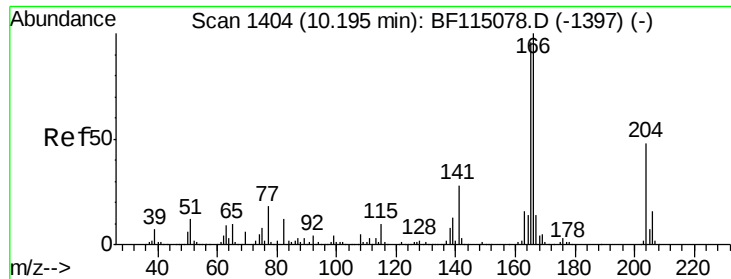


#57
 2,4-Dinitrotoluene
 Concen: 6.111 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.5	41.3#
89	1.3	49.9	74.9#
182	1.3	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: 10.18 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampled :

30272

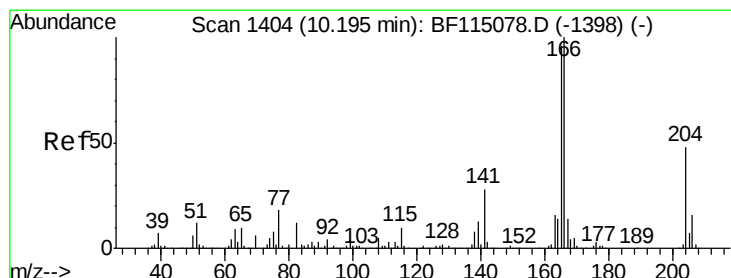
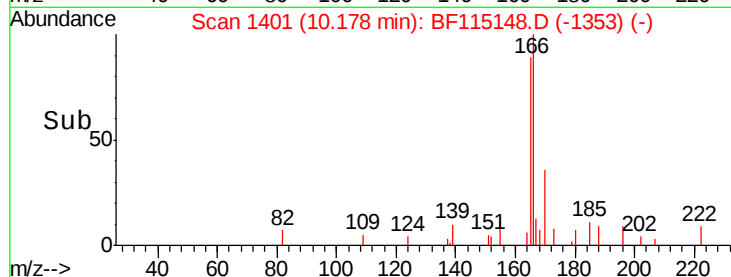
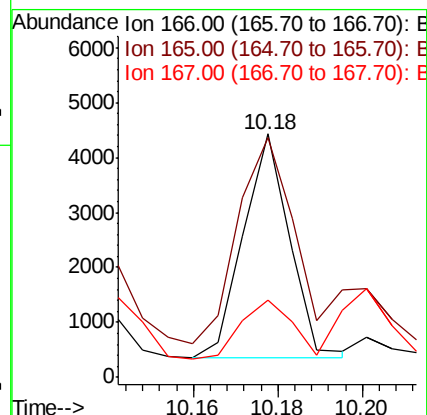
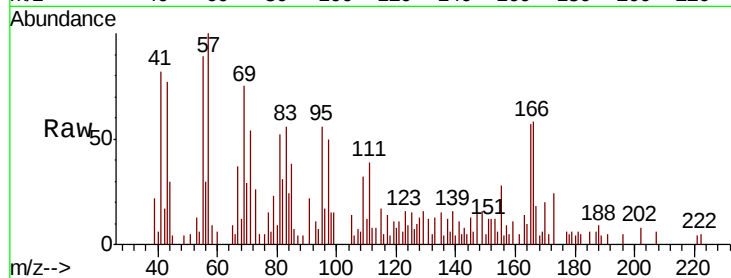
Tot Ion:166 Resp: 3090

Ion Ratio Lower Upper

166 100

165 98.3 76.5 114.7

167 31.6 11.0 16.4#



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.04 min Scan# 1377

Delta R.T. -0.16 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

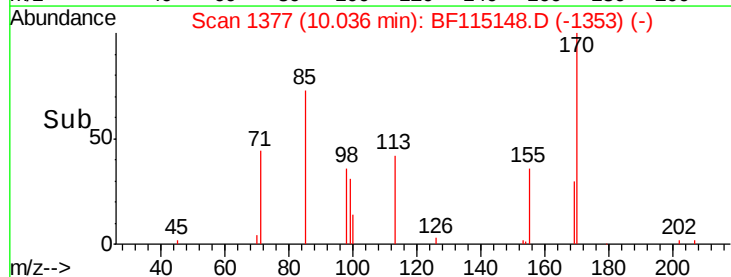
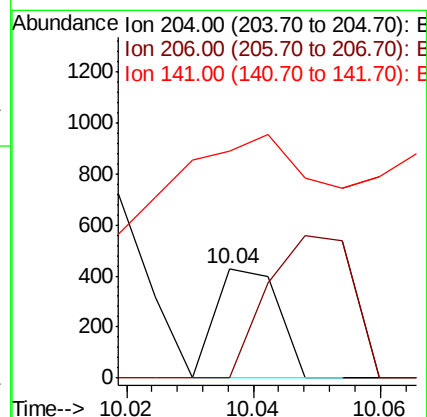
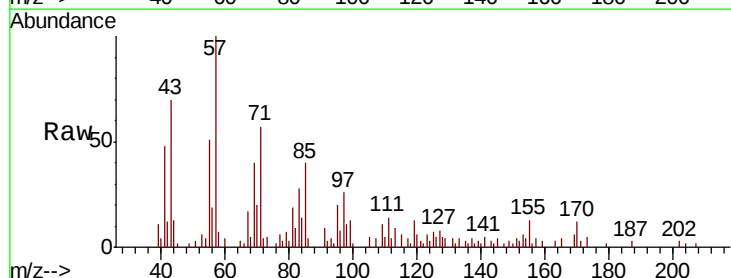
Tgt Ion:204 Resp: 292

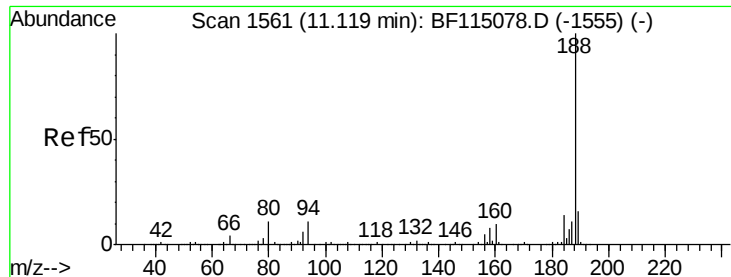
Ion Ratio Lower Upper

204 100

206 0.0 26.6 40.0#

141 206.7 46.7 70.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampleId :

30272

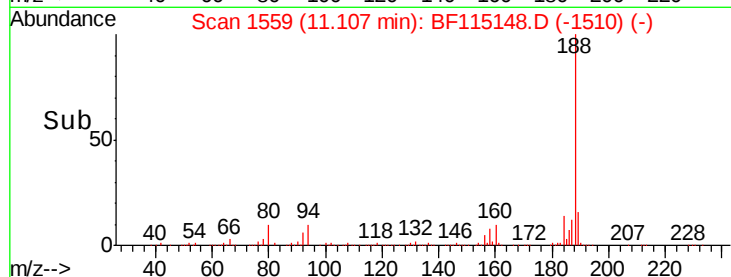
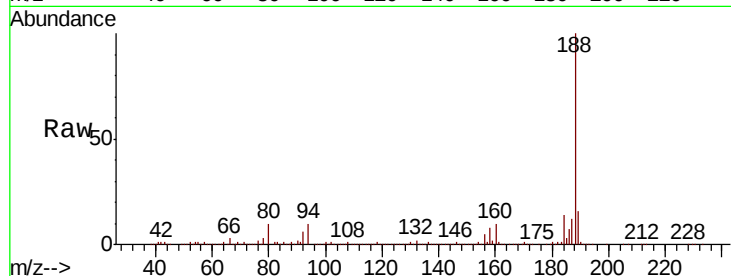
Tot Ion:188 Resp: 870251

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

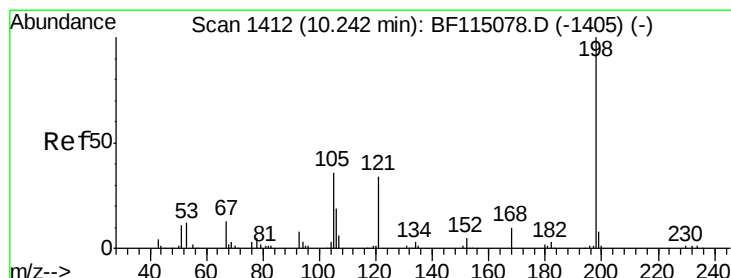
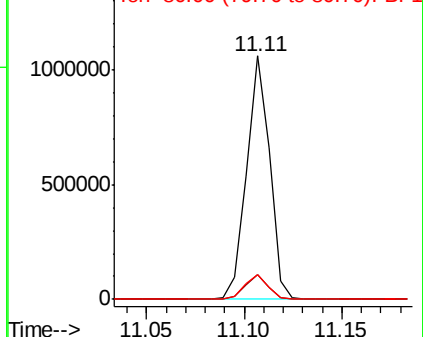
80 10.3 8.8 13.2



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: 4.981 ng

RT: 10.35 min Scan# 1431

Delta R.T. 0.11 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

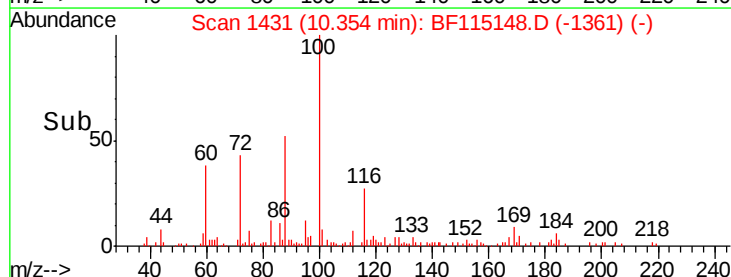
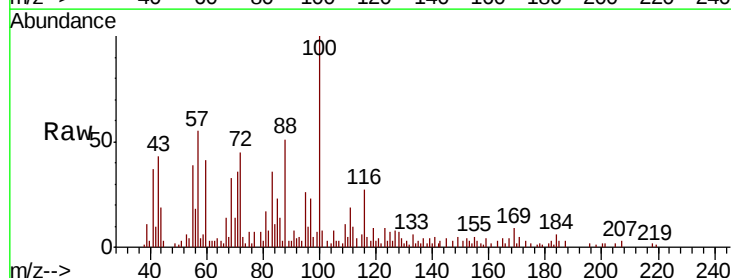
Tgt Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 194.2 11.0 51.0#

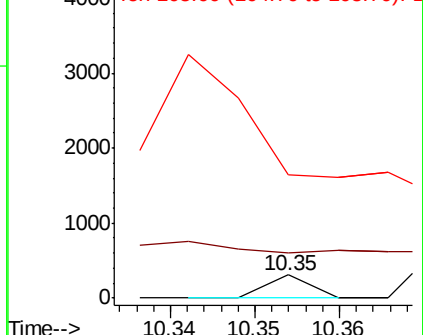
105 531.0 17.3 57.3#

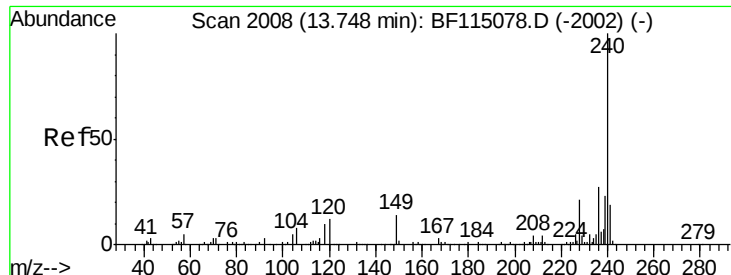


Abundance Ion 198.00 (197.70 to 198.70): E

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: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampleId :

30272

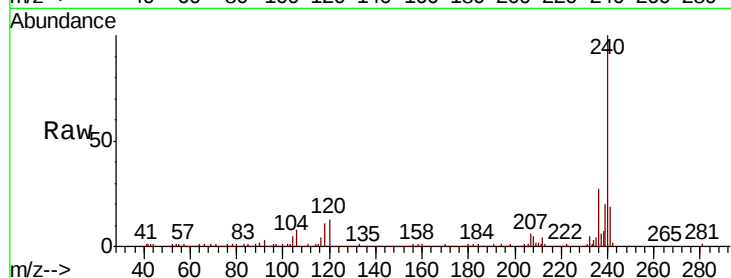
Tot Ion:240 Resp: 558608

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

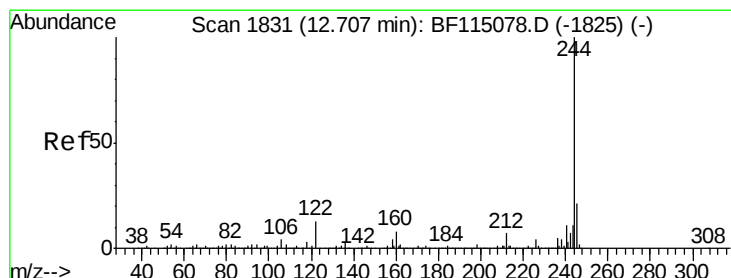
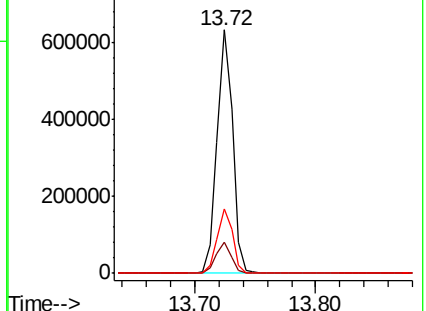
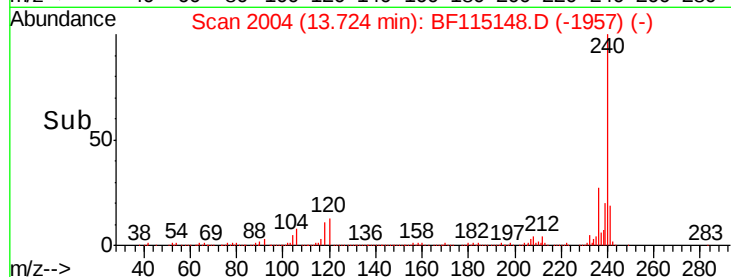
236 26.6 21.7 32.5



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: 40.107 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

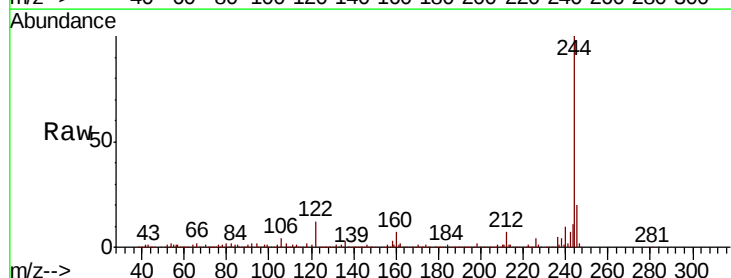
Tgt Ion:244 Resp: 1053734

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

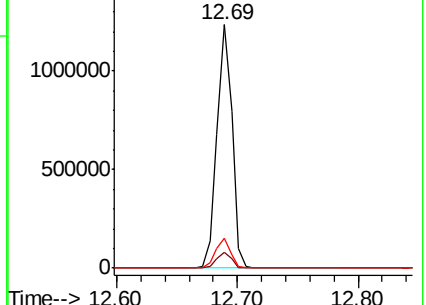
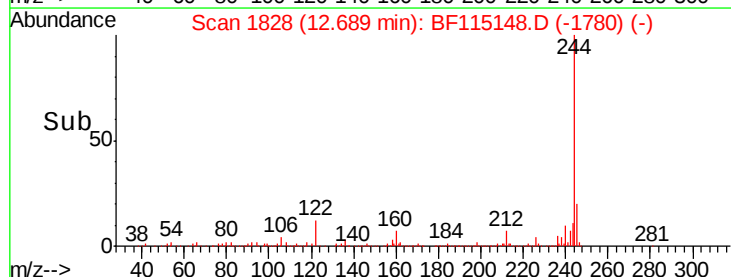
122 12.3 10.4 15.6

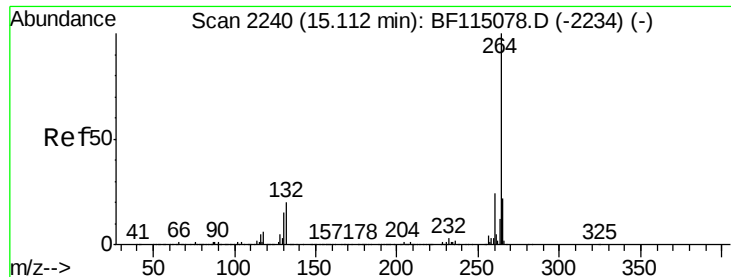


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 30272

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.5	17.3	25.9

