

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115131.D
 Acq On : 22 Jun 2019 19:57
 Operator : HP/JU
 Sample : K3470-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Quant Time: Jun 24 04:38:18 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

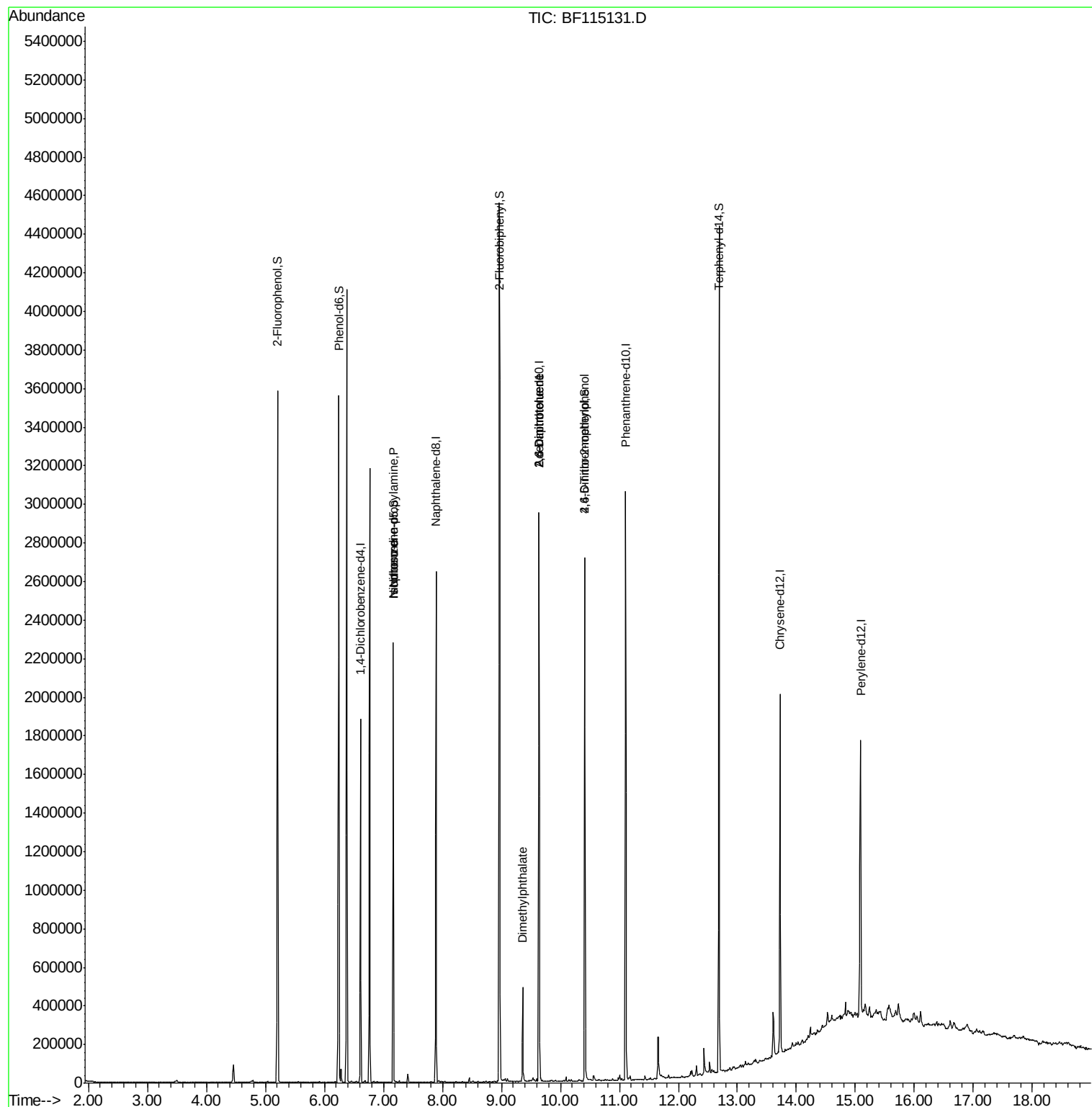
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	282844	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1096649	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	530794	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	999571	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	598228	20.00	ng	-0.02
87) Perylene-d12	15.09	264	622884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1059795	57.82	ng	0.00
7) Phenol-d6	6.24	99	1357634	61.03	ng	-0.01
23) Nitrobenzene-d5	7.17	82	771739	43.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	308457	55.11	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1396657	44.70	ng	-0.02
79) Terphenyl-d14	12.69	244	1423998	50.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	100575	7.062	ng	# 78
25) Isophorone	7.17	82	766379	20.985	ng	# 63
50) Dimethylphthalate	9.36	163	173022	4.431	ng	# 98
51) 2,6-Dinitrotoluene	9.64	165	69498	7.708	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	69498	5.970	ng	# 30
58) Fluorene	10.18	166	1268	Below Cal	#	# 87
65) 4,6-Dinitro-2-methylphenol	10.41	198	660	5.071	ng	# 1

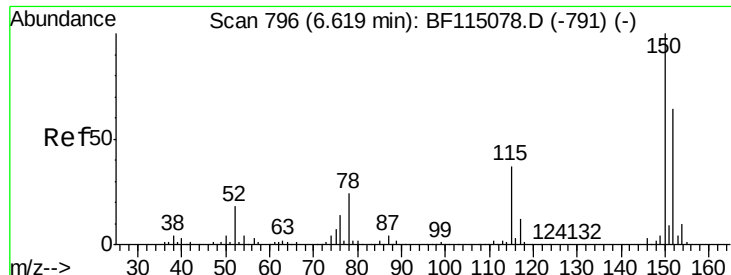
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115131.D
Acq On : 22 Jun 2019 19:57
Operator : HP/JU
Sample : K3470-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Quant Time: Jun 24 04:38:18 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



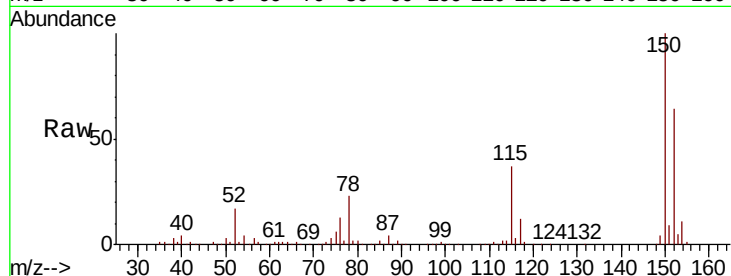


#1

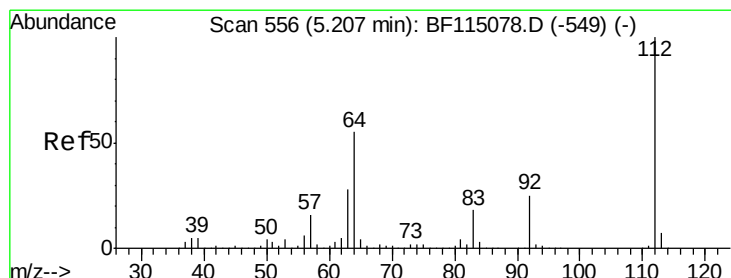
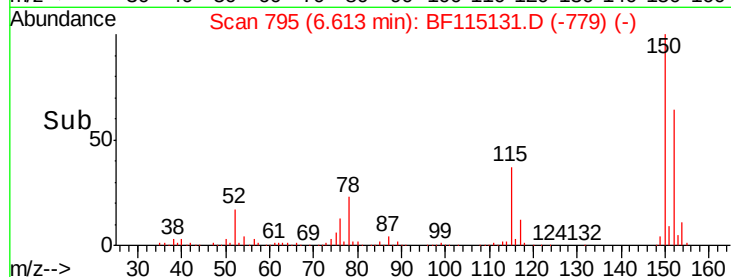
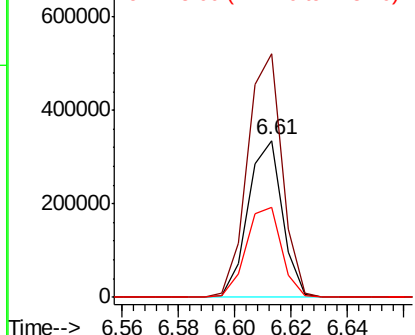
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115131.D
 Acq: 22 Jun 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Tot Ion:152 Resp: 282844
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.2 186.2
 115 57.0 46.1 69.1



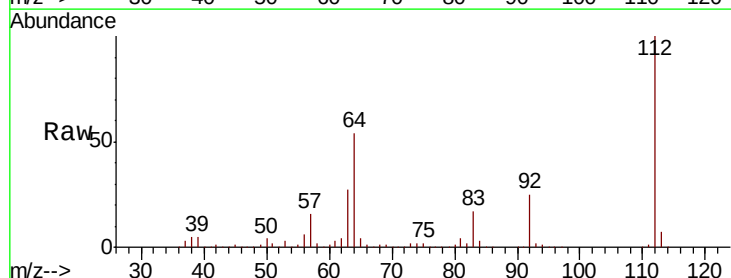
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



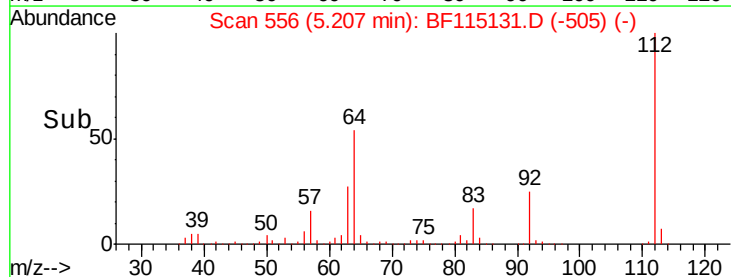
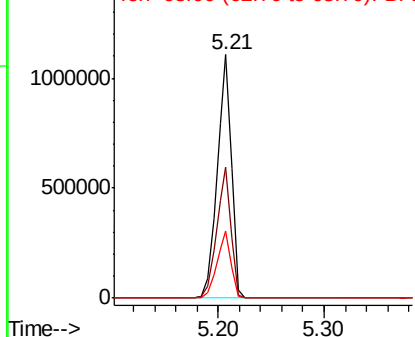
#5

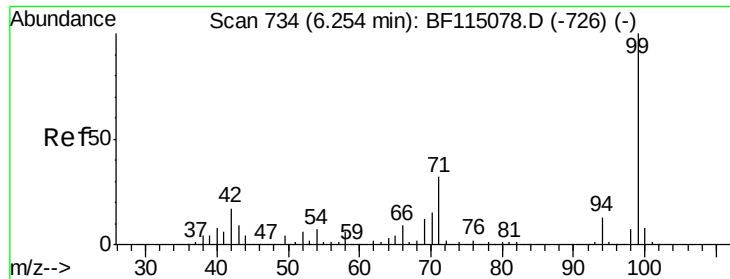
2-Fluorophenol
 Concen: 57.821 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF115131.D
 Acq: 22 Jun 2019 19:57

Tgt Ion:112 Resp: 1059795
 Ion Ratio Lower Upper
 112 100
 64 53.8 43.8 65.6
 63 27.3 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: 61.026 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

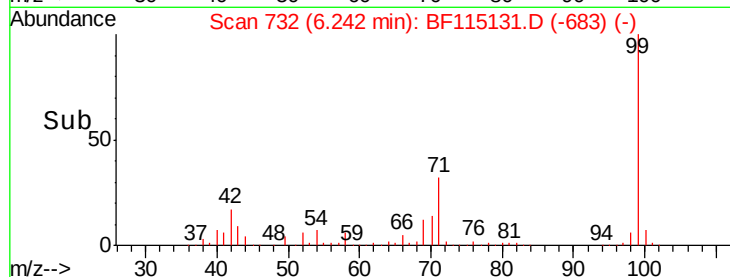
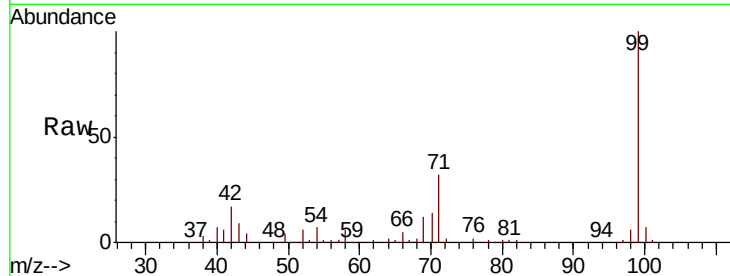
Tot Ion: 99 Resp: 1357634

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

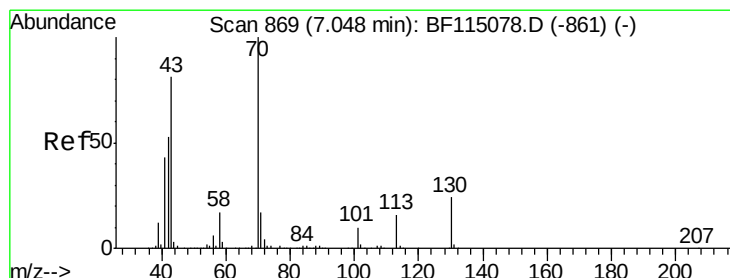
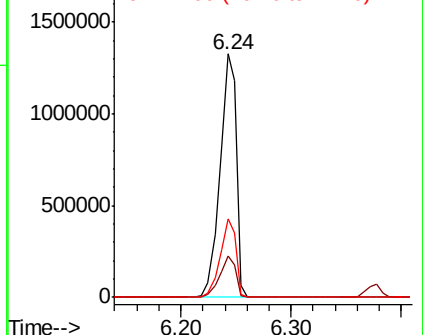
71 32.1 25.5 38.3



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: 7.062 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.12 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Tgt Ion: 70 Resp: 100575

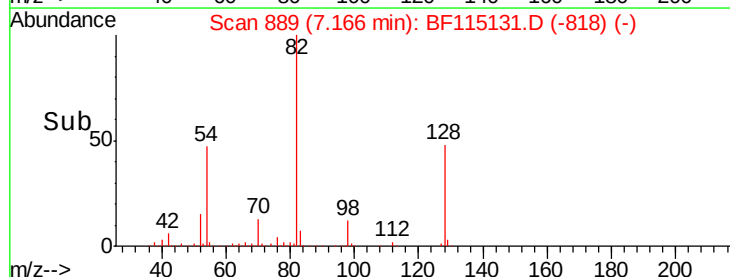
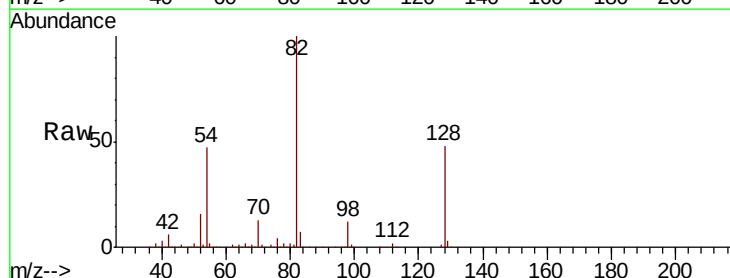
Ion Ratio Lower Upper

70 100

42 45.5 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

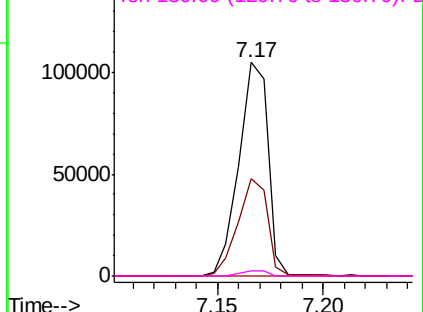


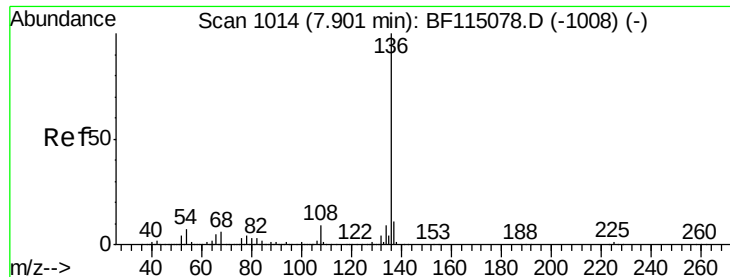
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

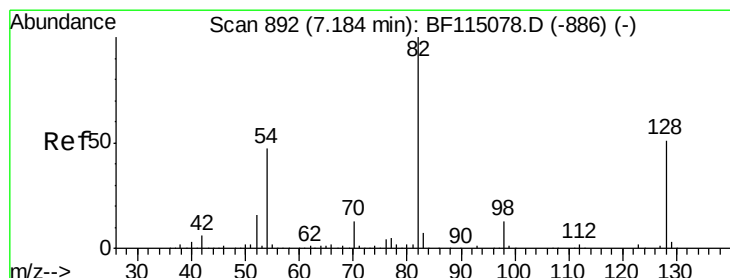
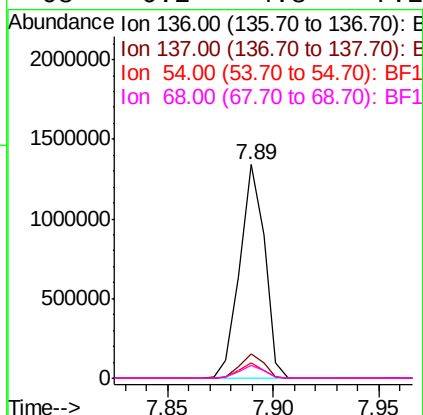
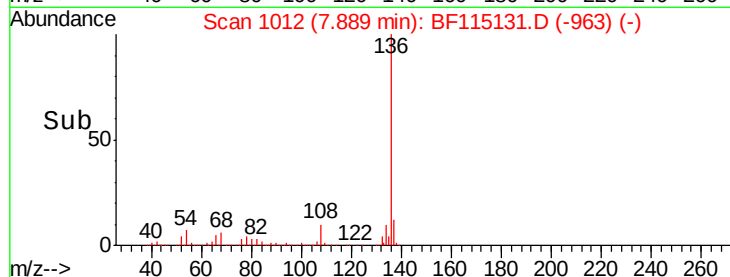
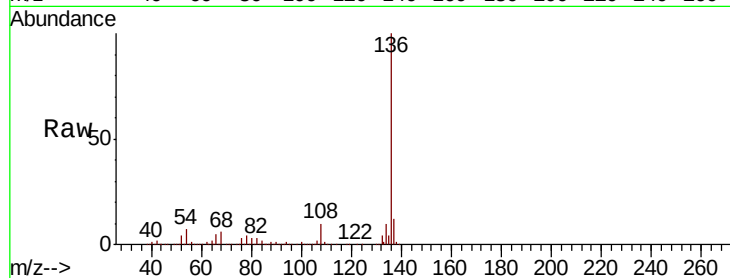




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

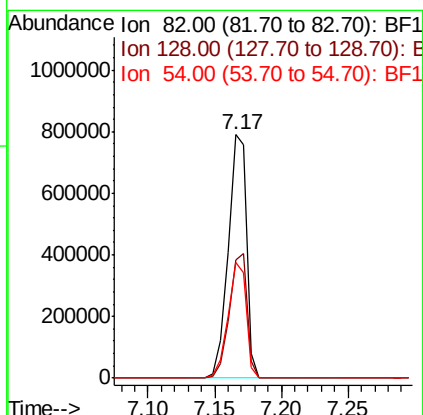
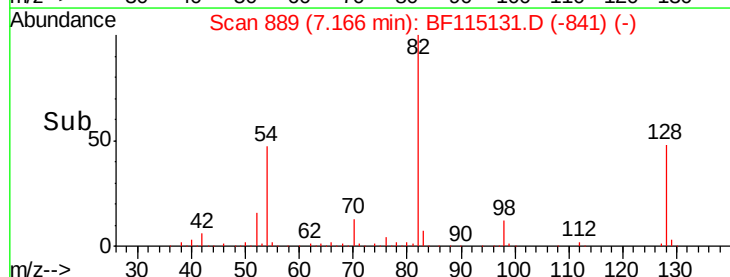
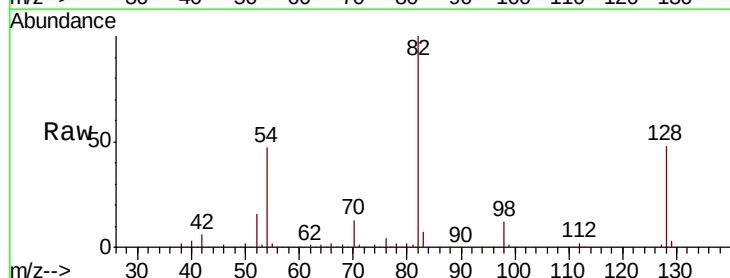
Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

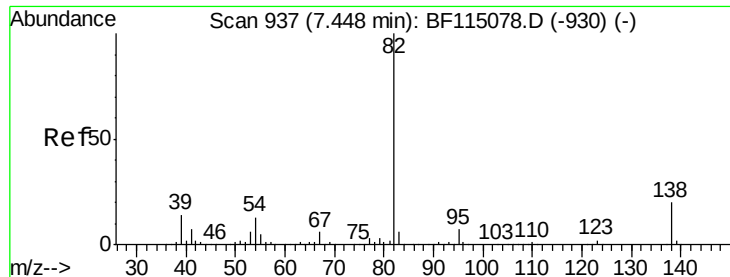
Tot Ion:136	Resp: 1096649
Ion Ratio	Lower Upper
136 100	
137 11.6	8.9 13.3
54 7.3	5.6 8.4
68 6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 43.290 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt	Ion: 82	Resp:	771739
Ion	Ratio	Lower	Upper
82	100		
128	48.4	40.4	60.6
54	47.5	37.5	56.3





#25

Isophorone

Concen: 20.985 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampled :

SAMPLE-6

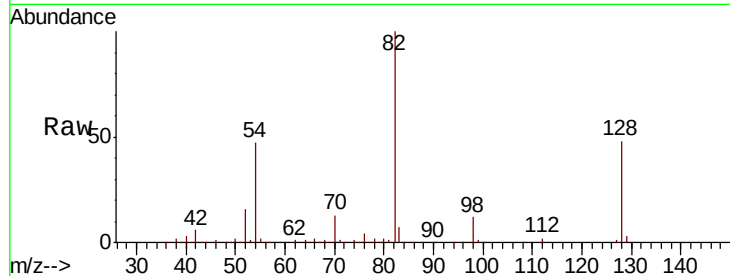
Tot Ion: 82 Resp: 766379

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

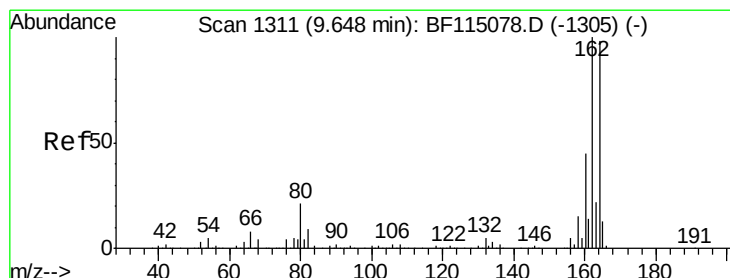
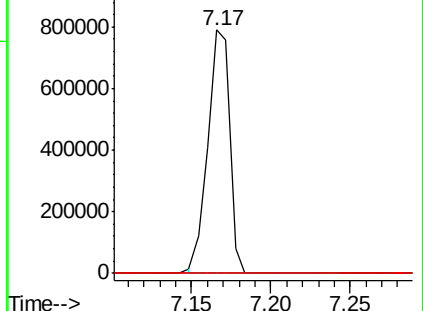
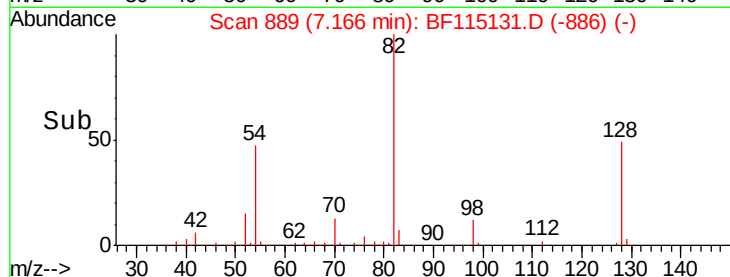
138 0.0 15.9 23.9#



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: BF115131.D

Acq: 22 Jun 2019 19:57

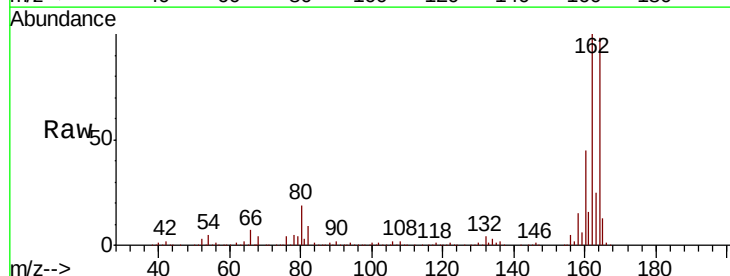
Tgt Ion:164 Resp: 530794

Ion Ratio Lower Upper

164 100

162 102.0 81.7 122.5

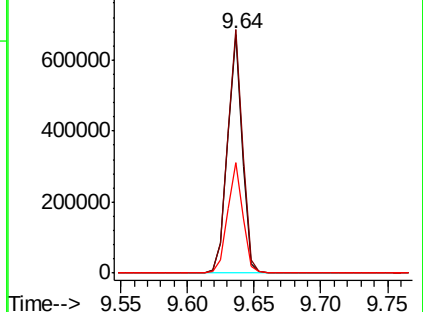
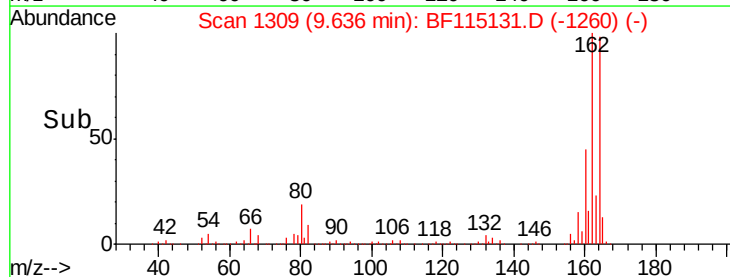
160 46.3 37.0 55.4

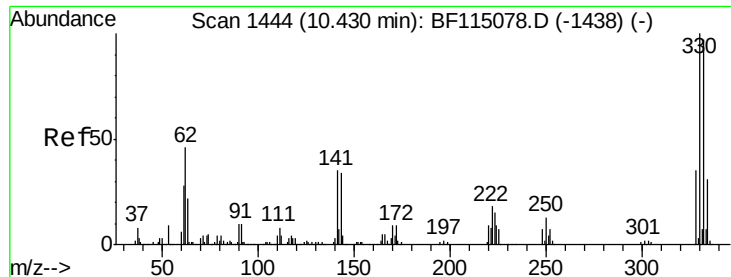


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 55.107 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampled :

SAMPLE-6

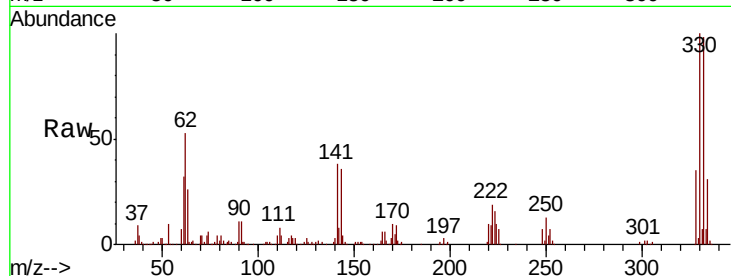
Tot Ion:330 Resp: 308457

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

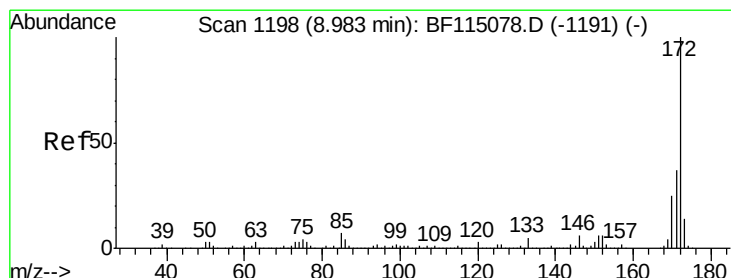
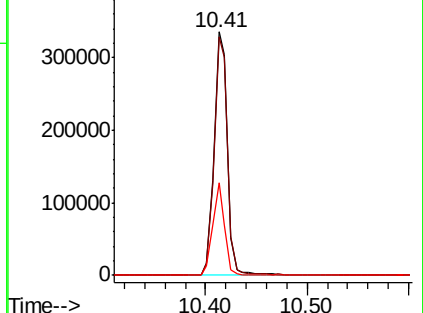
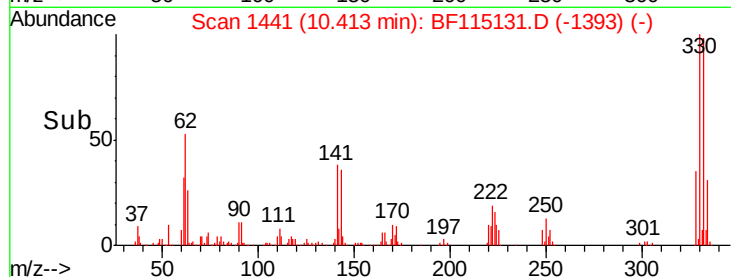
141 34.4 28.2 42.2



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: 44.695 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

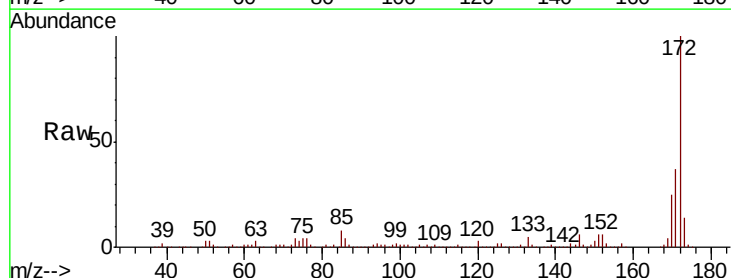
Tgt Ion:172 Resp: 1396657

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

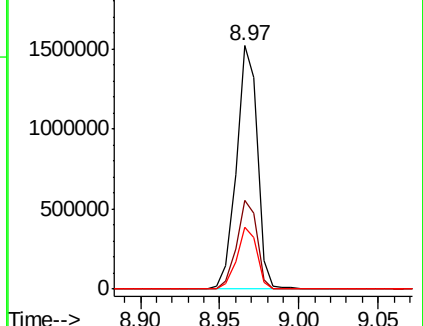
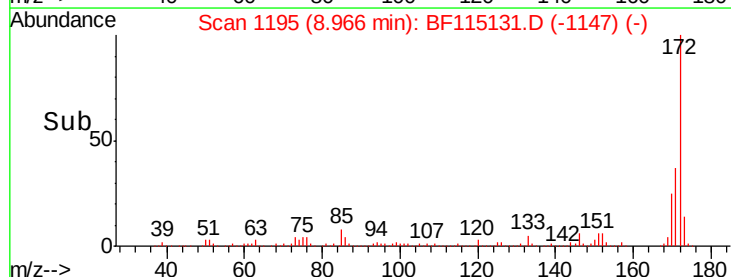
170 25.3 20.3 30.5

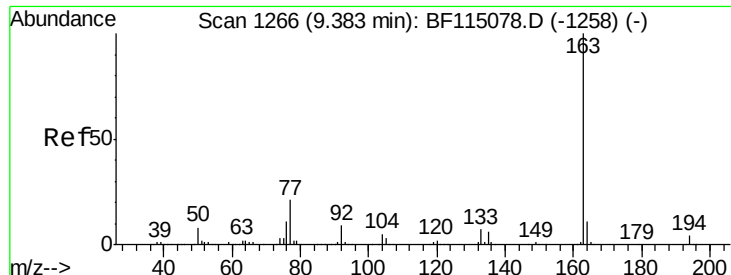


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

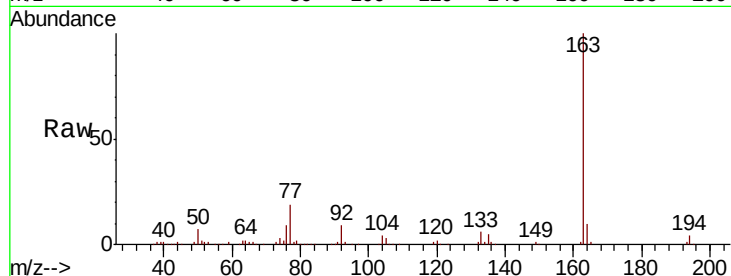




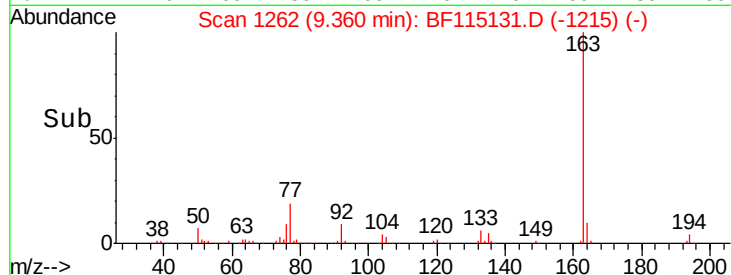
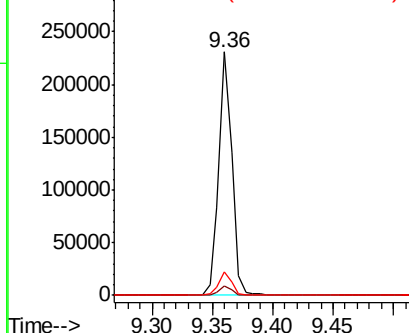
#50
Dimethylphthalate
Concen: 4.431 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.8	8.6	13.0

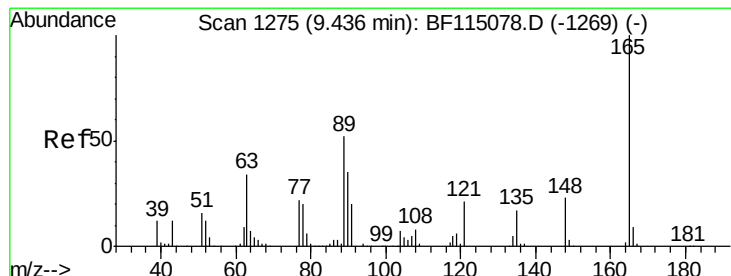


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

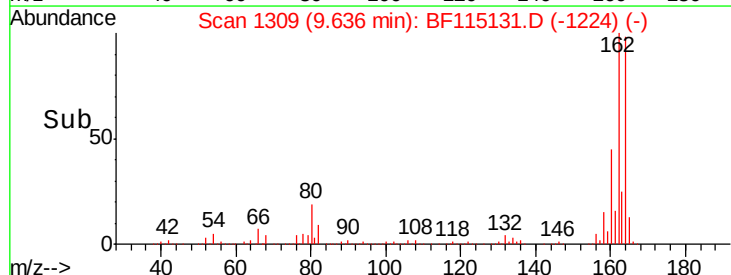
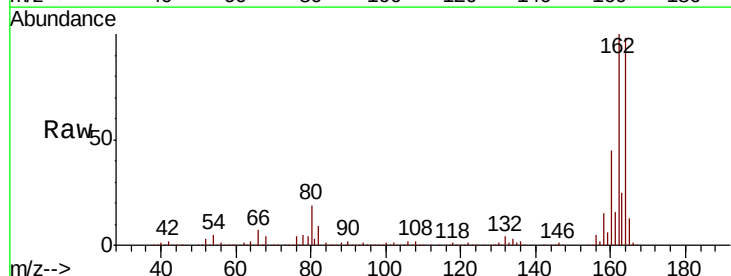
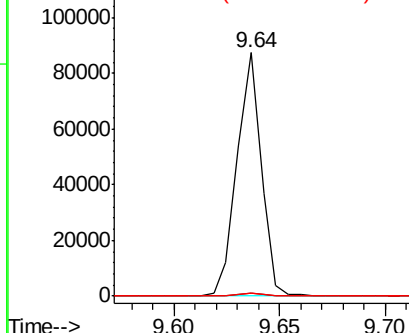


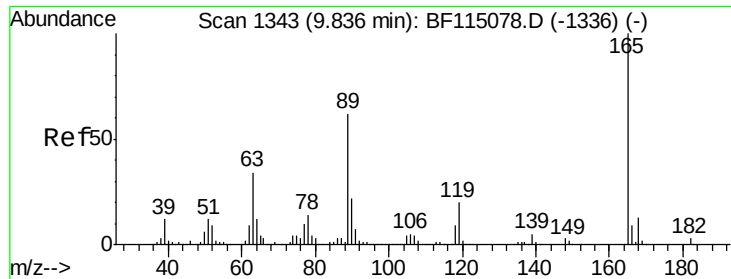
#51
2,6-Dinitrotoluene
Concen: 7.708 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.2	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

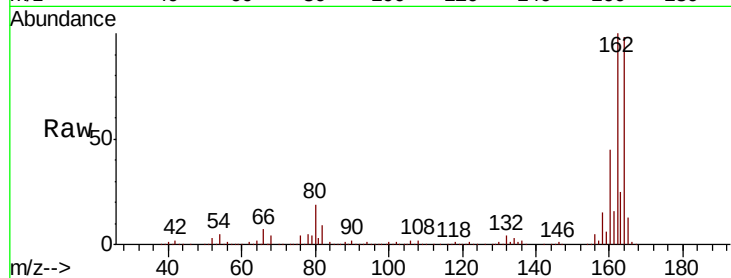




#57
2,4-Dinitrotoluene
Concen: 5.970 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



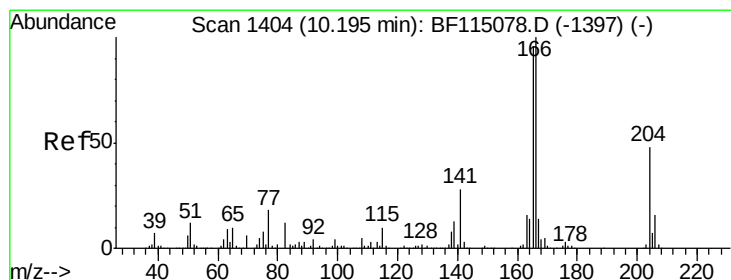
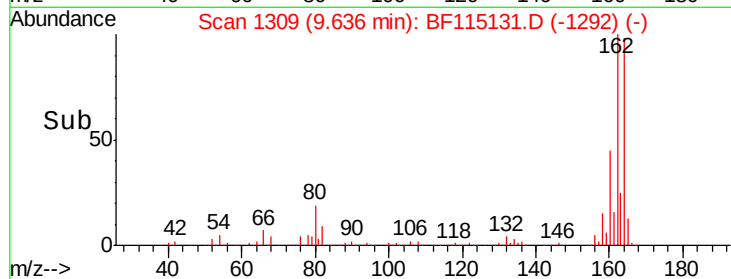
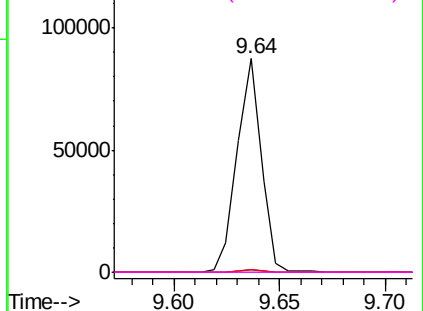
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

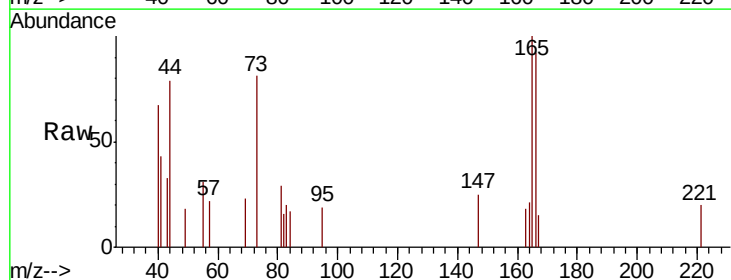
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.1	76.5	114.7
167	16.5	11.0	16.4#

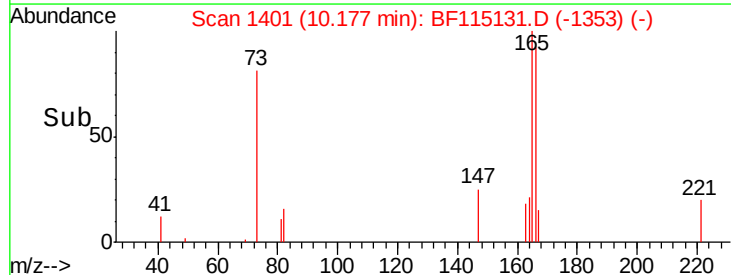
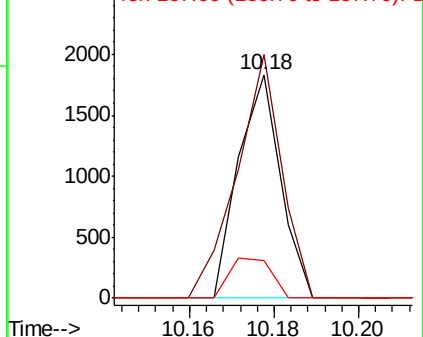


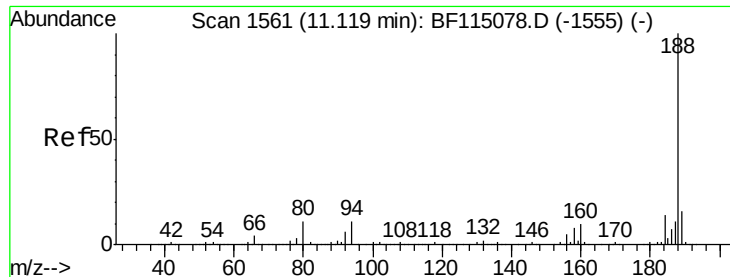
Abundance

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: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

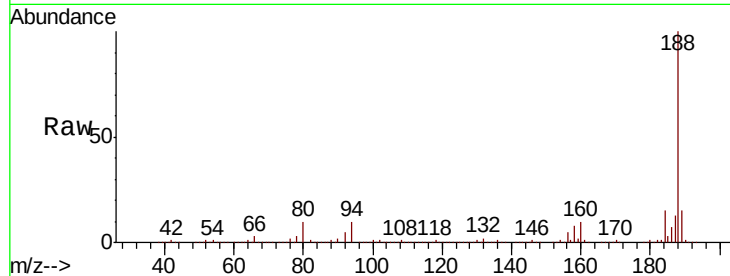
Tot Ion:188 Resp: 999571

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

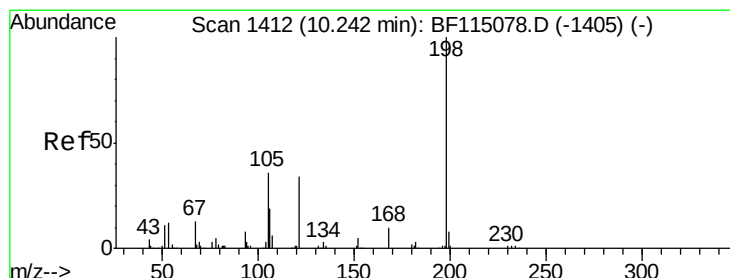
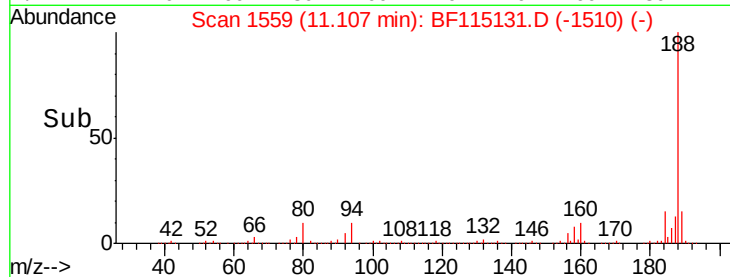
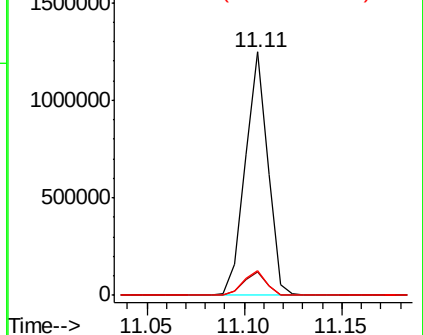
80 10.3 8.8 13.2



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: 5.071 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

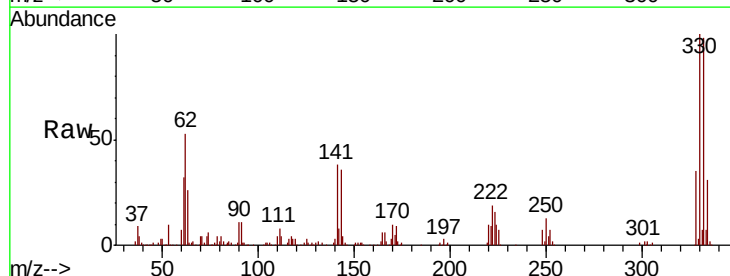
Tgt Ion:198 Resp: 660

Ion Ratio Lower Upper

198 100

51 184.7 11.0 51.0#

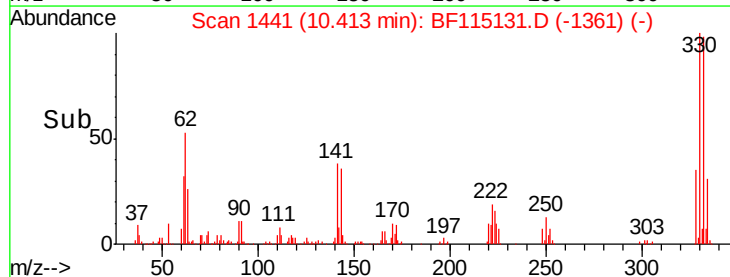
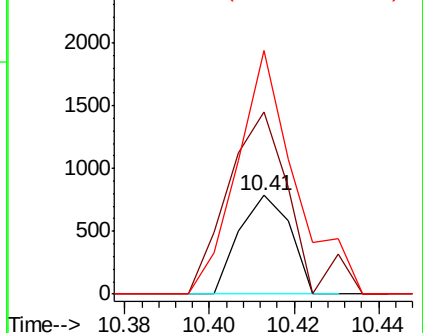
105 247.4 17.3 57.3#

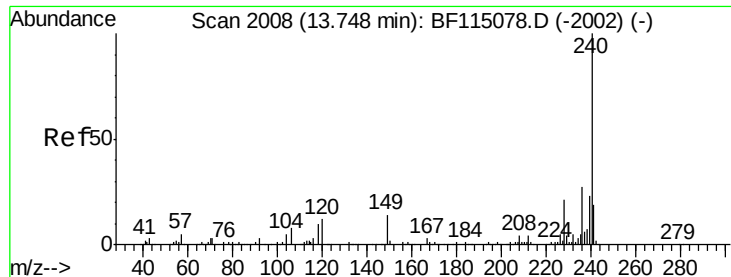


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

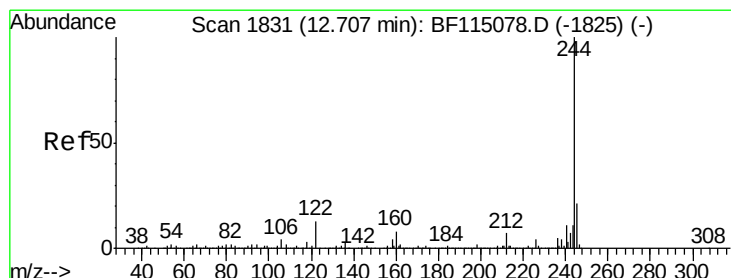
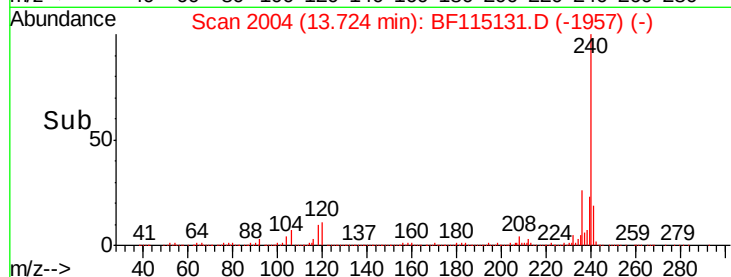
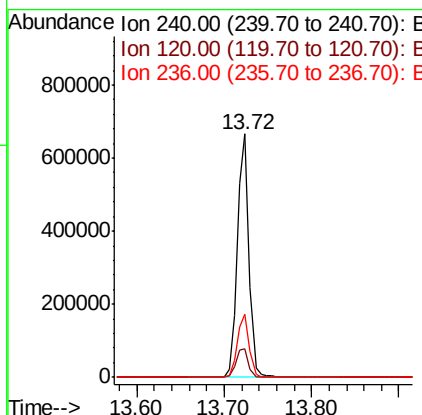
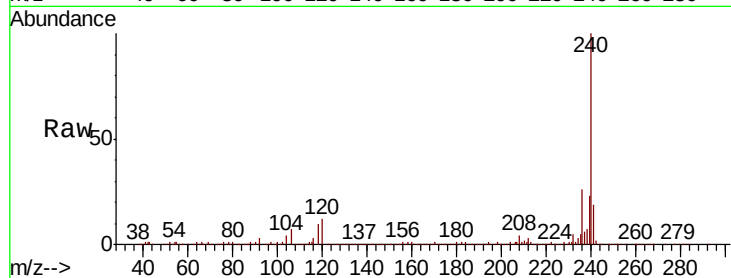




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115131.D
 Acq: 22 Jun 2019 19:57

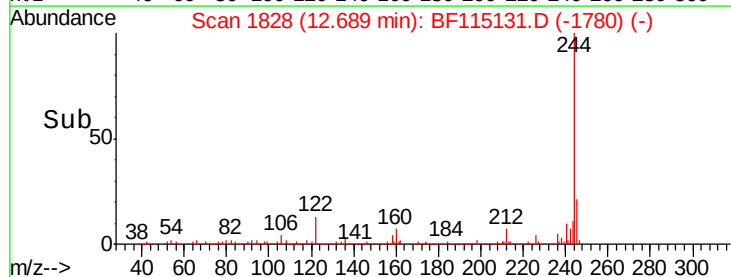
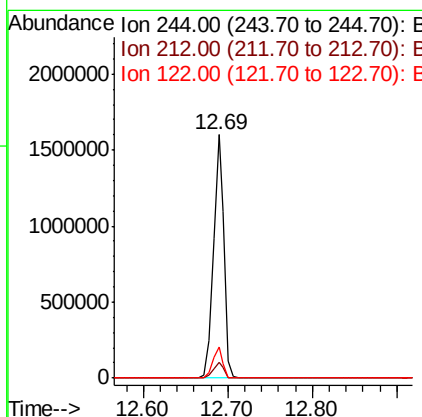
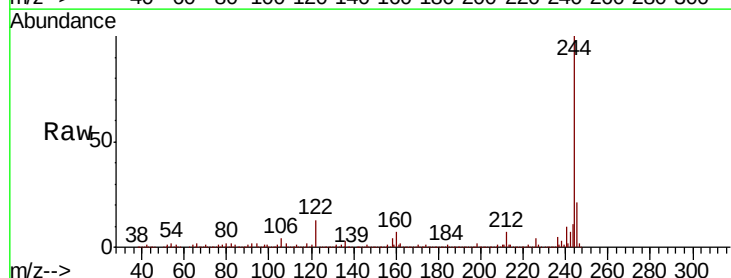
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

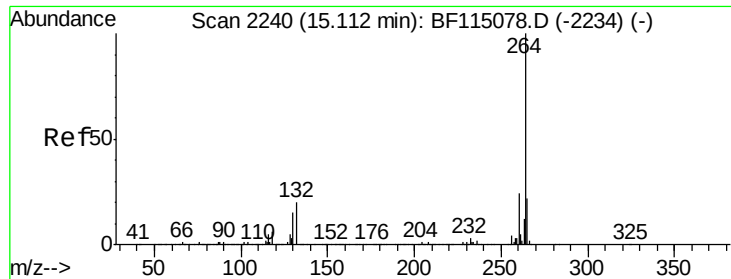
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	26.0	21.7	32.5



#79
 Terphenyl-d14
 Concen: 50.610 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115131.D
 Acq: 22 Jun 2019 19:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.6	10.4	15.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.2	17.3	25.9

