

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115155.D
 Acq On : 24 Jun 2019 19:01
 Operator : HP/JU
 Sample : K2459-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-002

Quant Time: Jun 25 07:41:11 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

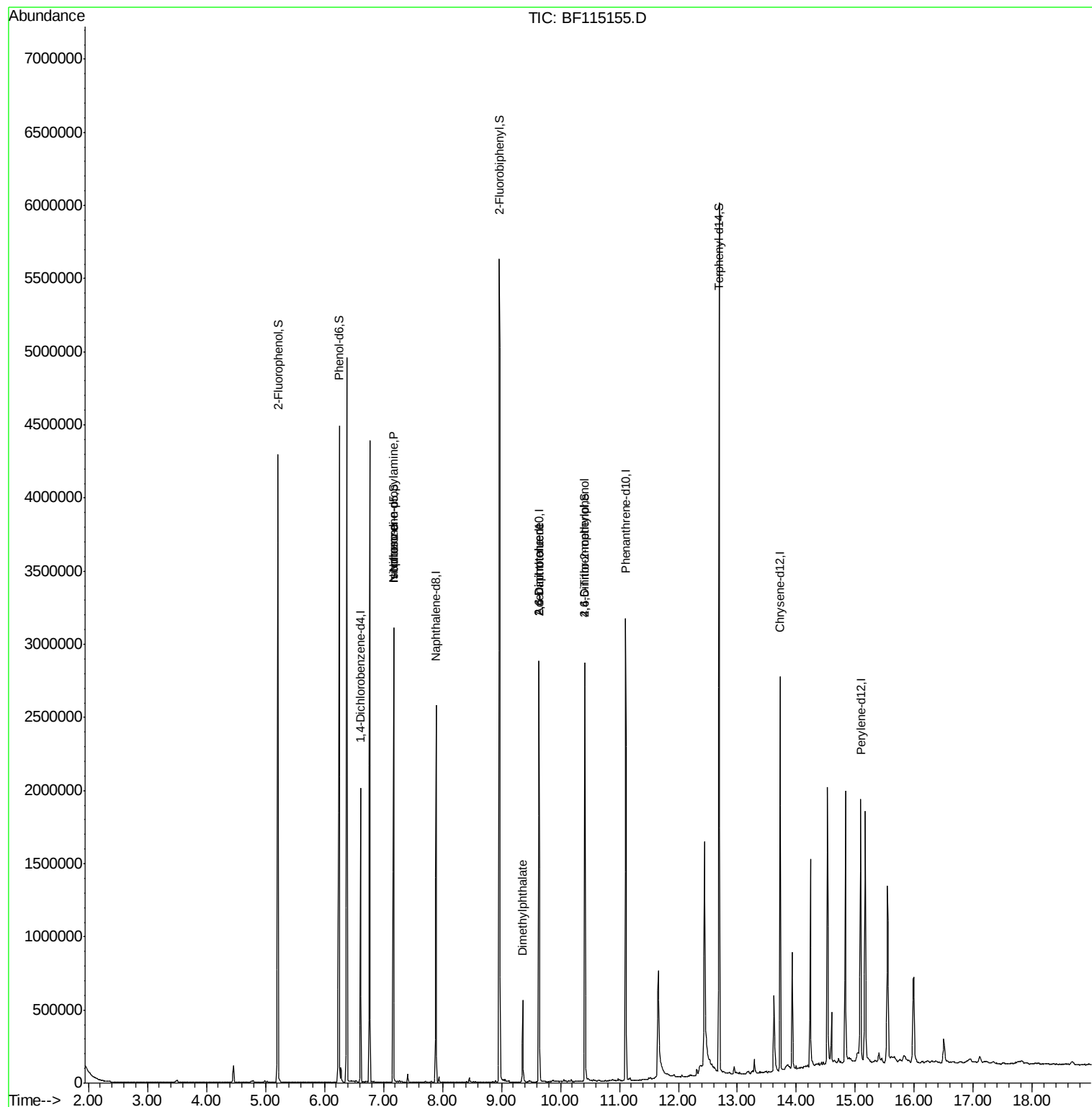
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	286962	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1092556	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	543402	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1077704	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	822287	20.00	ng	-0.02
87) Perylene-d12	15.09	264	708150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1349941	72.59	ng	0.00
7) Phenol-d6	6.25	99	1682256	74.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1008962	56.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	368458	64.30	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1884987	58.92	ng	-0.02
79) Terphenyl-d14	12.70	244	2092615	54.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	132822	9.192	ng	# 78
25) Isophorone	7.17	82	999238	27.464	ng	# 63
50) Dimethylphthalate	9.36	163	223260	5.584	ng	# 99
51) 2,6-Dinitrotoluene	9.64	165	70549	7.643	ng	# 29
57) 2,4-Dinitrotoluene	9.64	165	70549	5.920	ng	# 30
58) Fluorene	10.41	166	17862	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	747	5.077	ng	# 1

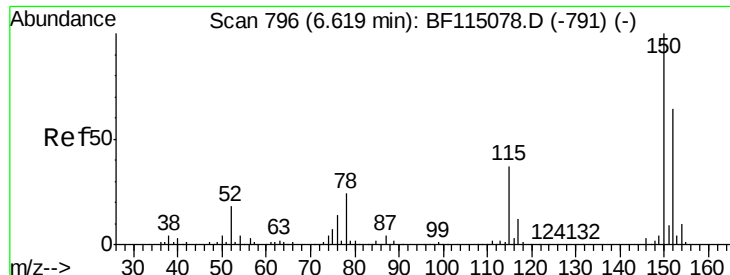
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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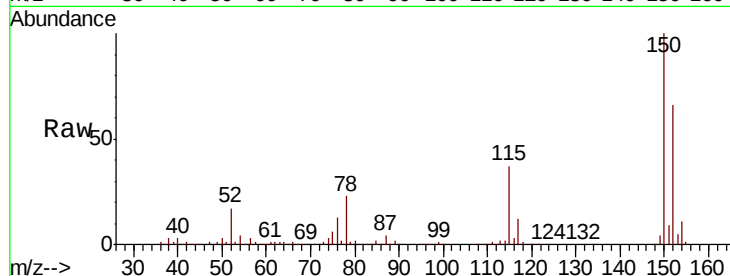


#1

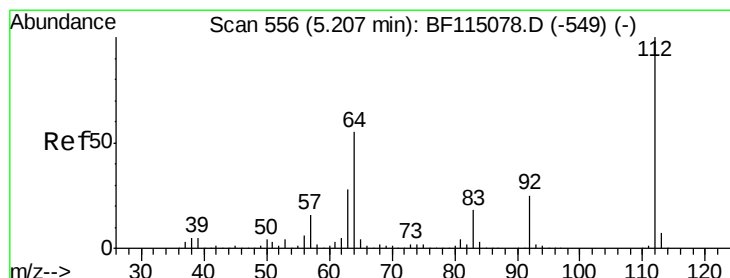
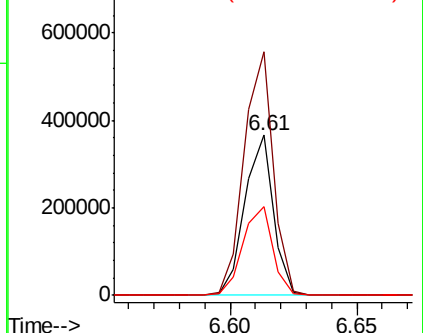
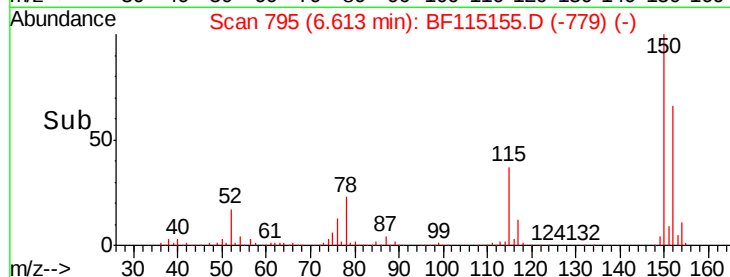
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-002

Tot Ion:152 Resp: 286962
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.2
115 55.8 46.1 69.1



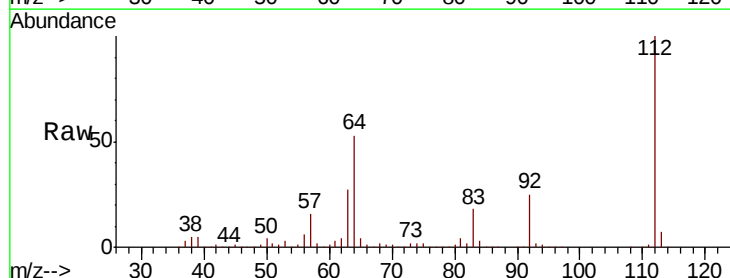
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



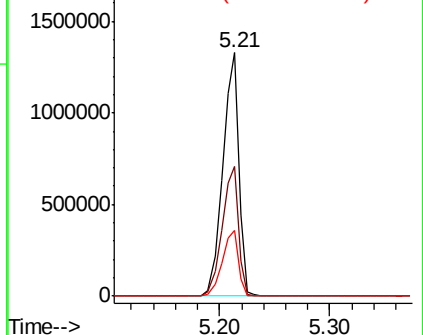
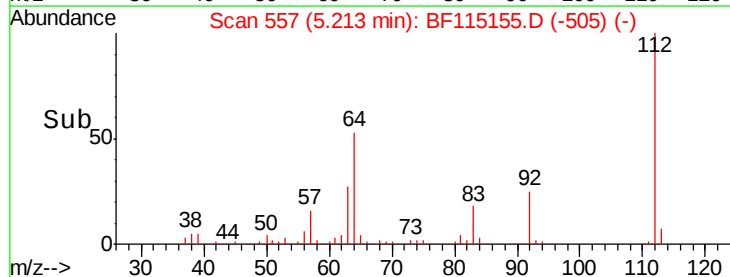
#5

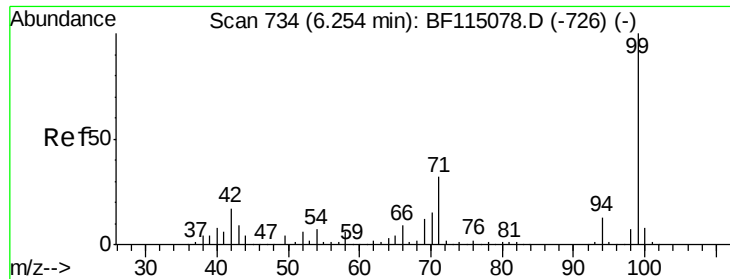
2-Fluorophenol
Concen: 72.595 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

Tgt Ion:112 Resp: 1349941
Ion Ratio Lower Upper
112 100
64 53.2 43.8 65.6
63 27.2 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: 74.533 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-002

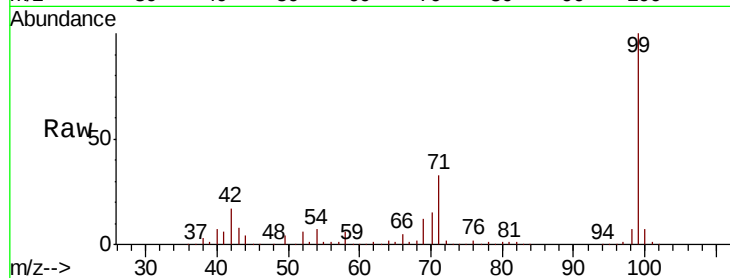
Tot Ion: 99 Resp: 1682256

Ion Ratio Lower Upper

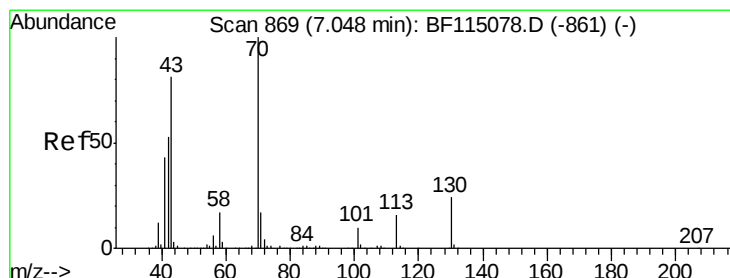
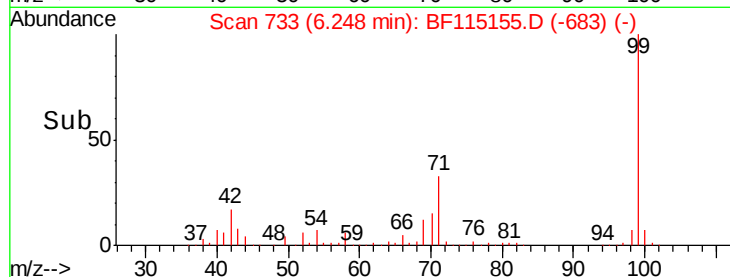
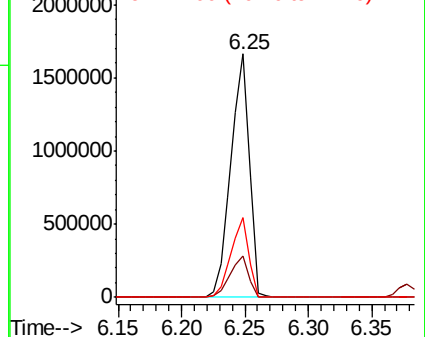
99 100

42 17.1 13.6 20.4

71 32.6 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: 9.192 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Tgt Ion: 70 Resp: 132822

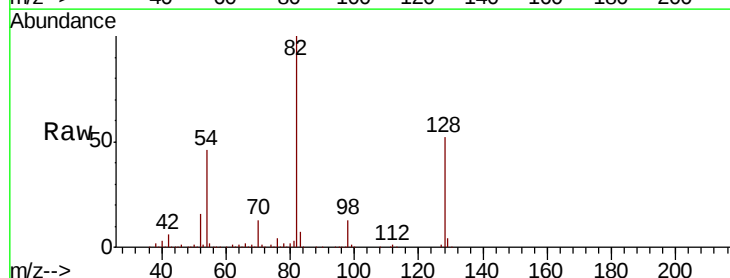
Ion Ratio Lower Upper

70 100

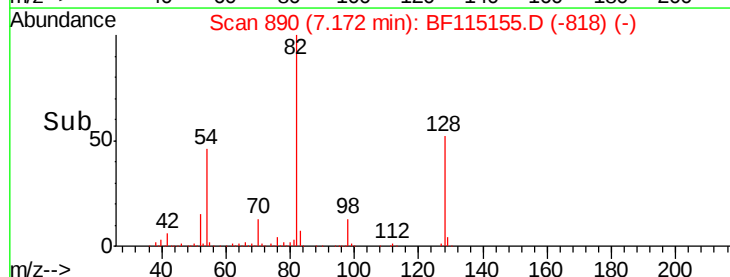
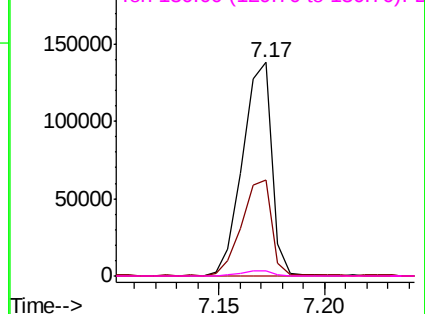
42 45.0 42.6 63.8

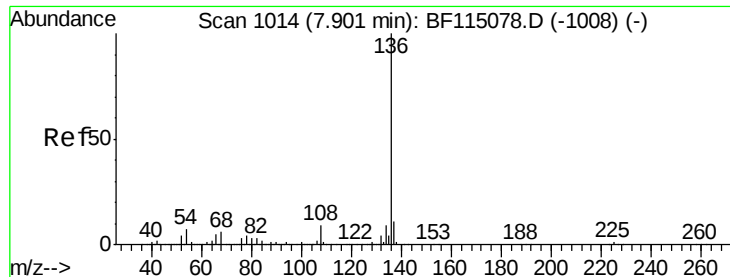
101 0.0 8.0 12.0#

130 2.4 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

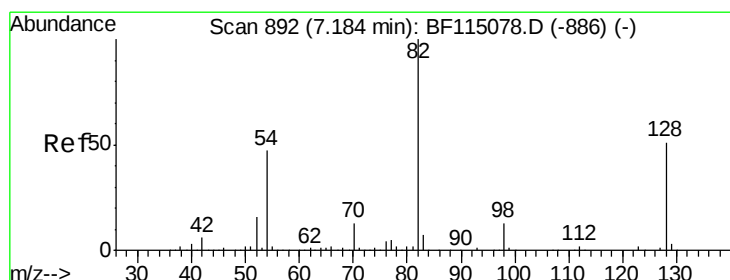
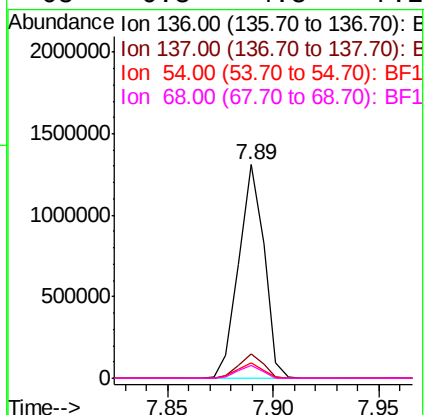
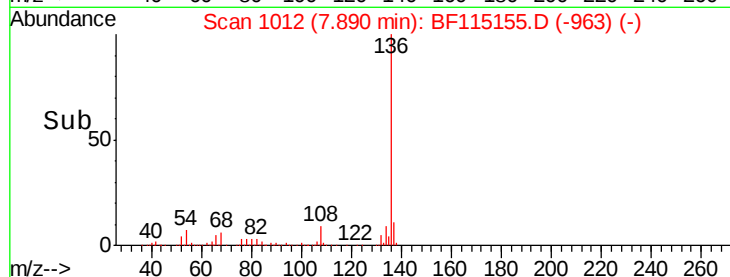
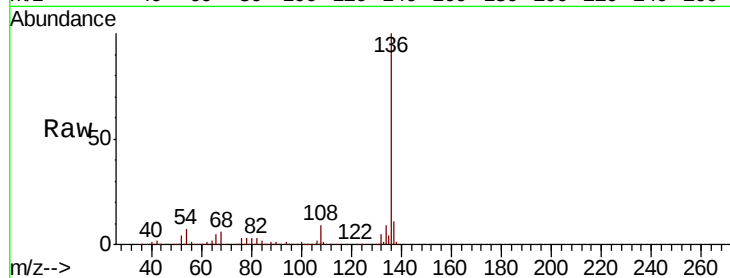




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

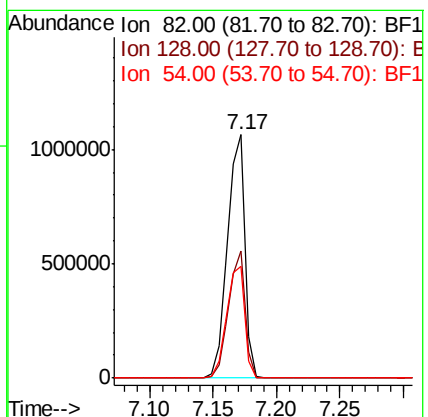
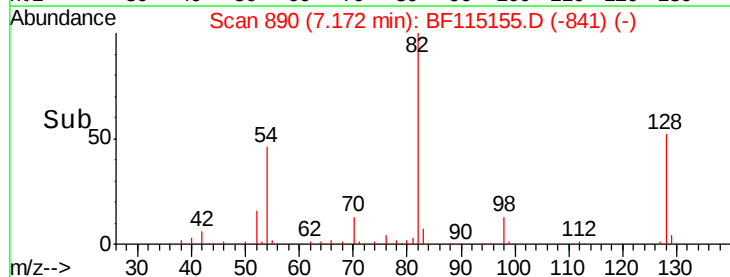
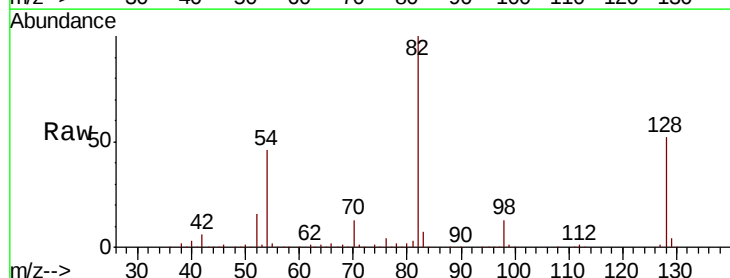
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-002

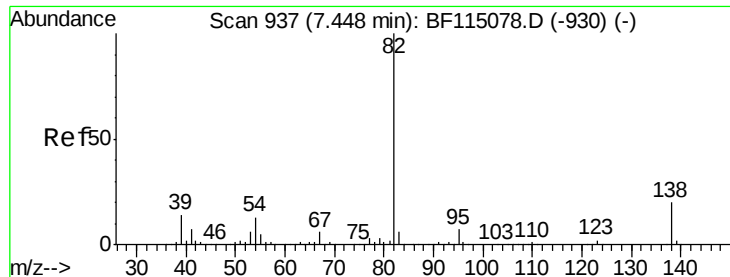
Tot Ion:136	Resp: 1092556
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.3	5.6 8.4
68 6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 56.809 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 82	Resp: 1008962
Ion Ratio	Lower Upper
82 100	
128 52.3	40.4 60.6
54 46.0	37.5 56.3





#25

Isophorone

Concen: 27.464 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-002

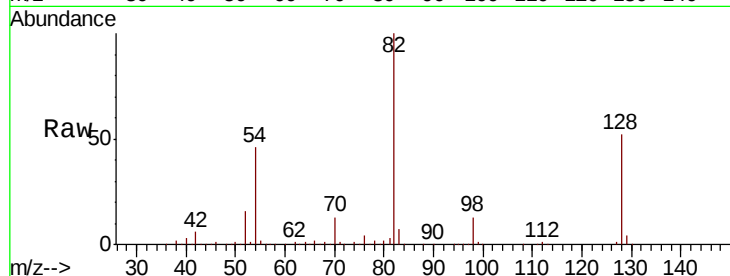
Tot Ion: 82 Resp: 999238

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

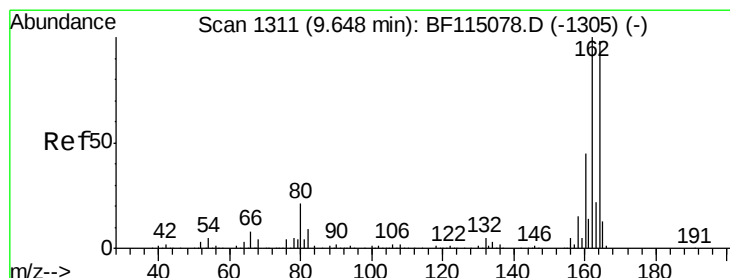
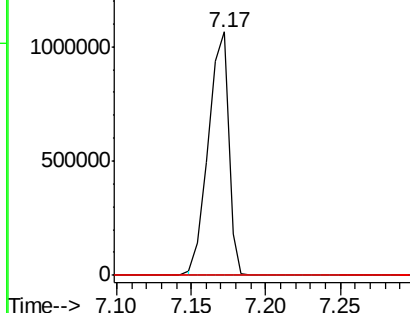
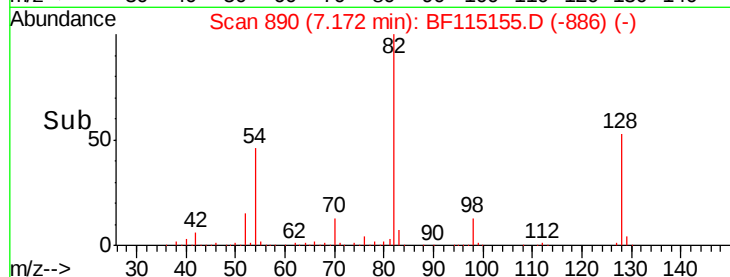
138 0.0 15.9 23.9#



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: BF115155.D

Acq: 24 Jun 2019 19:01

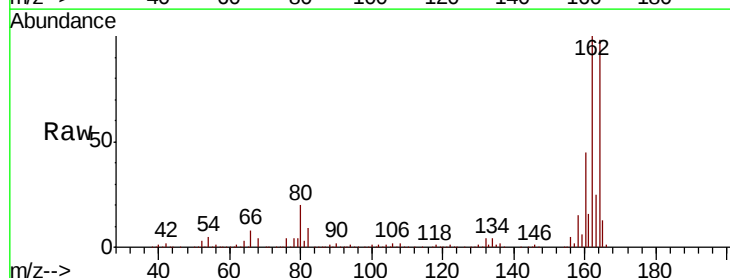
Tgt Ion:164 Resp: 543402

Ion Ratio Lower Upper

164 100

162 102.5 81.7 122.5

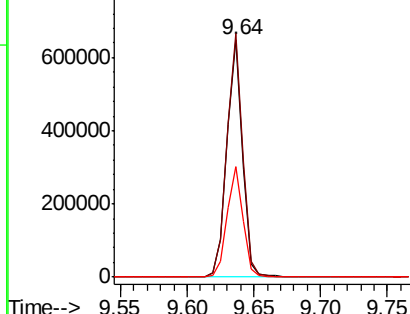
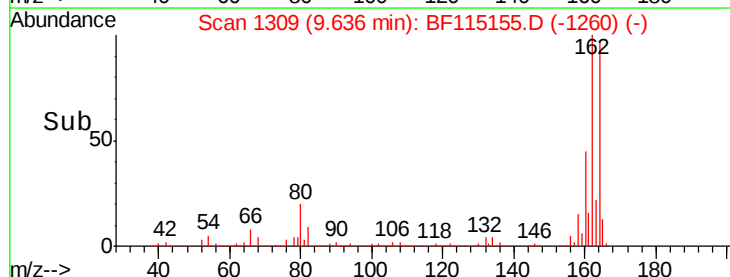
160 46.5 37.0 55.4

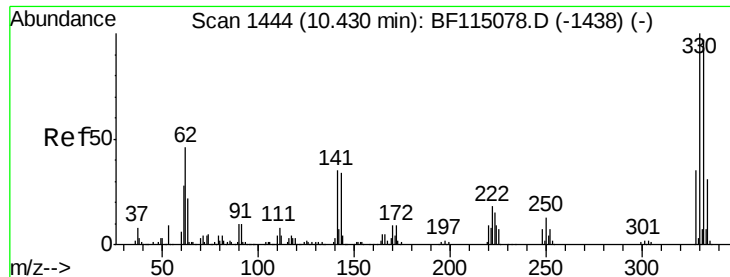


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 64.299 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-002

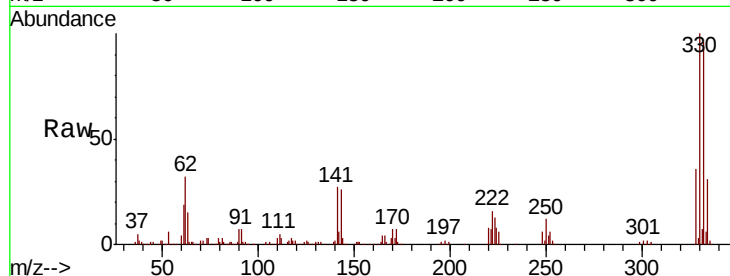
Tot Ion:330 Resp: 368458

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

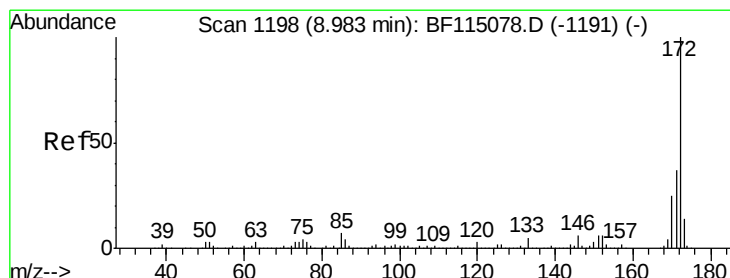
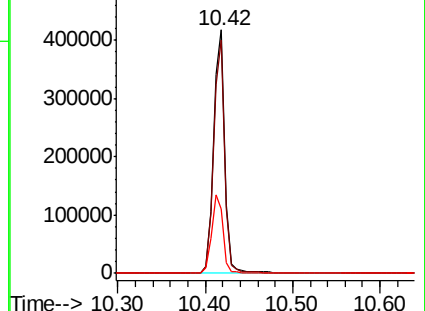
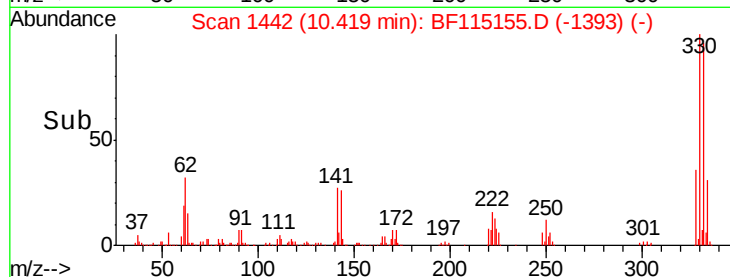
141 33.5 28.2 42.2



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: 58.923 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

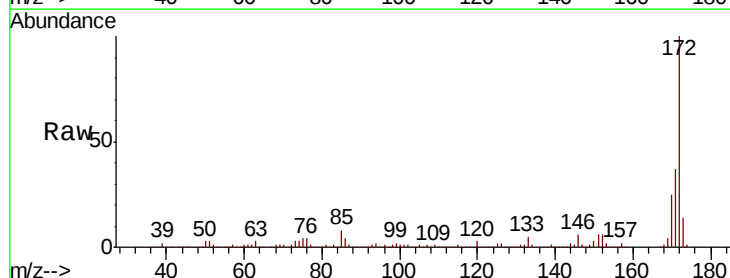
Tgt Ion:172 Resp: 1884987

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

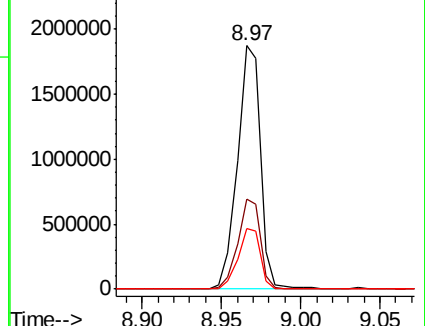
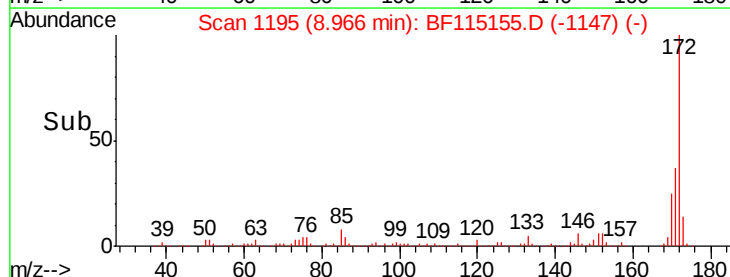
170 24.9 20.3 30.5

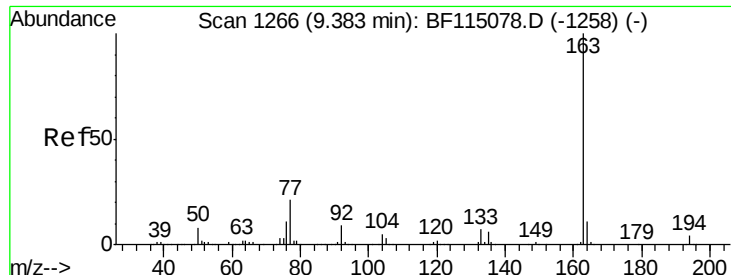


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

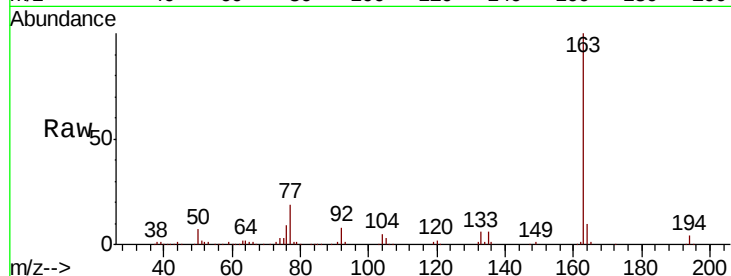




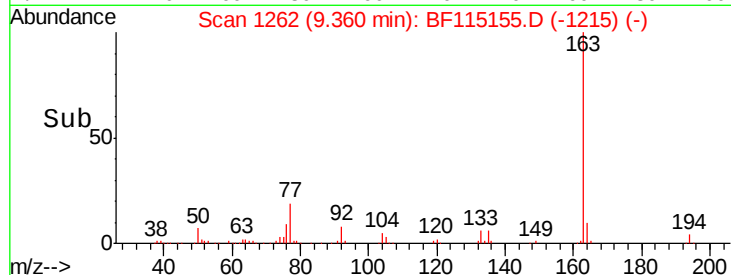
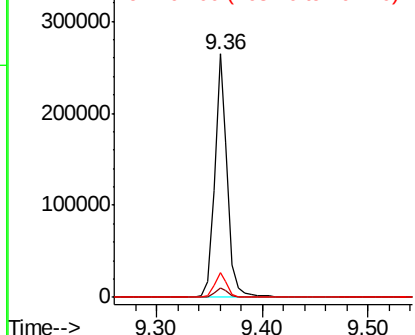
#50
Dimethylphthalate
Concen: 5.584 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

Instrument :
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ClientSampleId :
FK-BPM-04-002

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	8.6	13.0

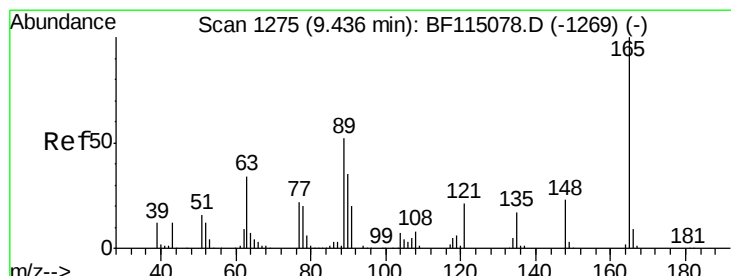


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

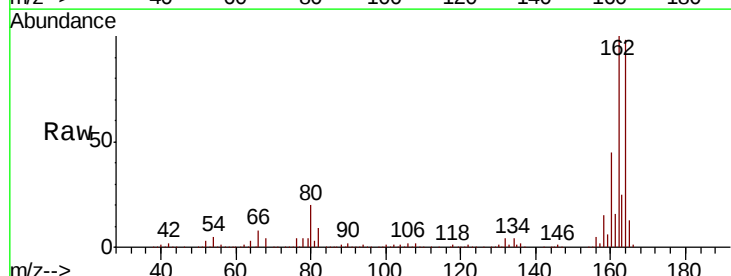
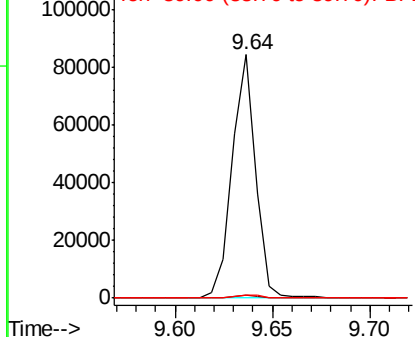


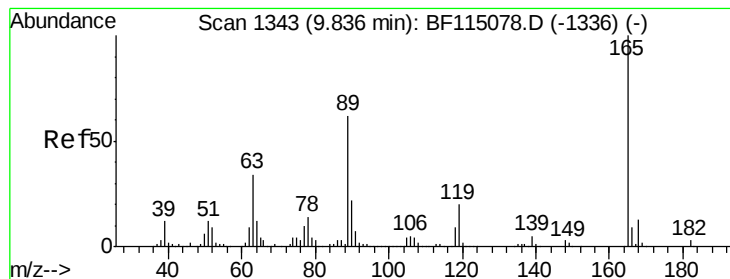
#51
2,6-Dinitrotoluene
Concen: 7.643 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115155.D
Acq: 24 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.4	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: 5.920 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-002

Tot Ion:165 Resp: 70549

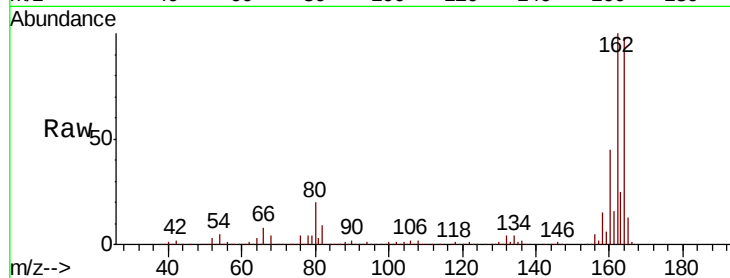
Ion Ratio Lower Upper

165 100

63 1.2 27.5 41.3#

89 1.4 49.9 74.9#

182 0.0 2.1 3.1#

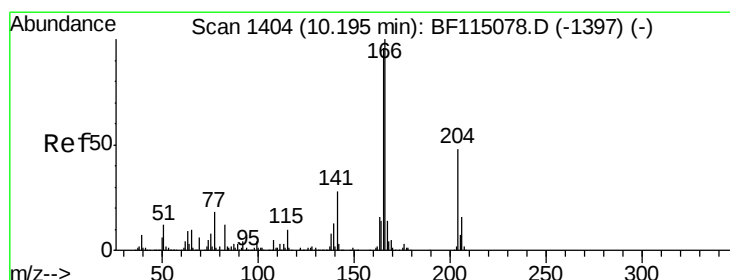
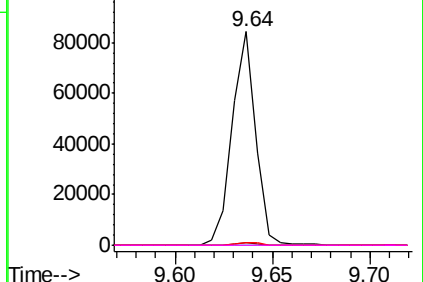
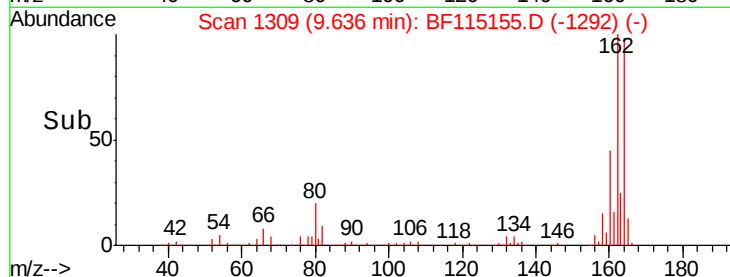


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115155.D

Acq: 24 Jun 2019 19:01

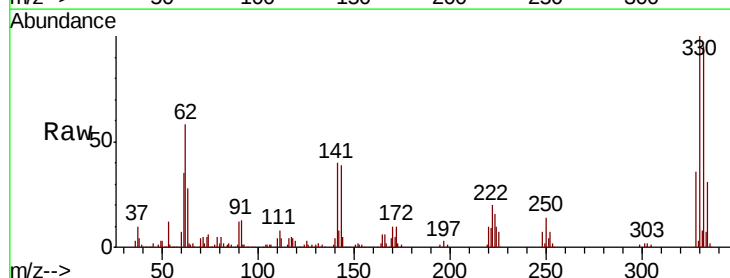
Tgt Ion:166 Resp: 17862

Ion Ratio Lower Upper

166 100

165 101.2 76.5 114.7

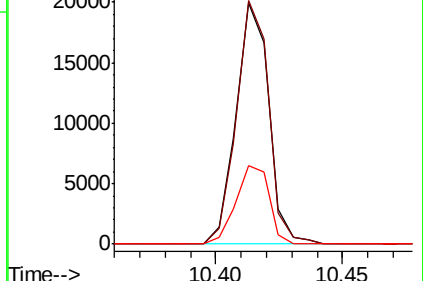
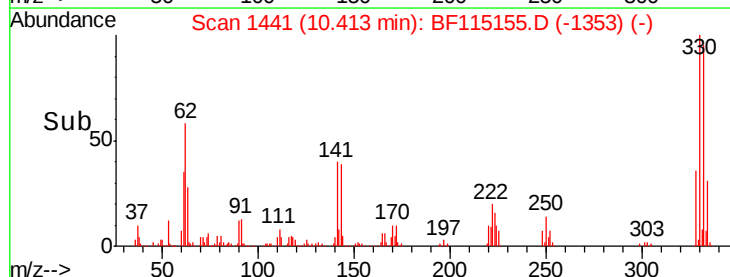
167 32.8 11.0 16.4#

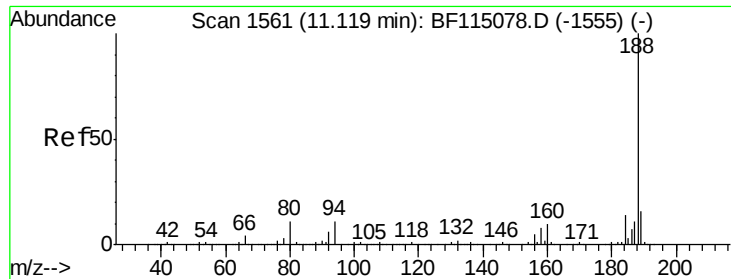


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-002

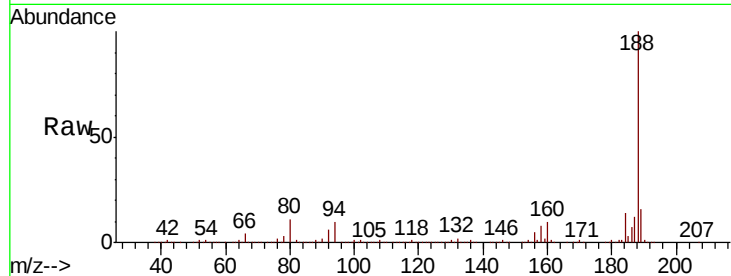
Tot Ion:188 Resp: 1077704

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

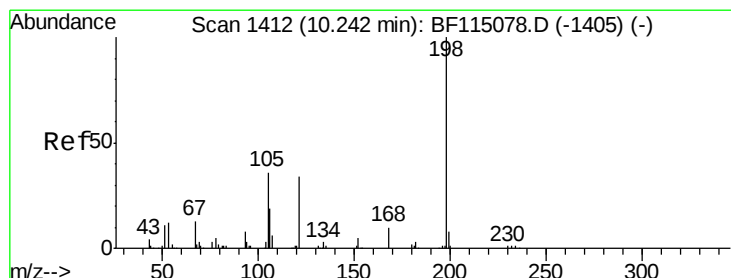
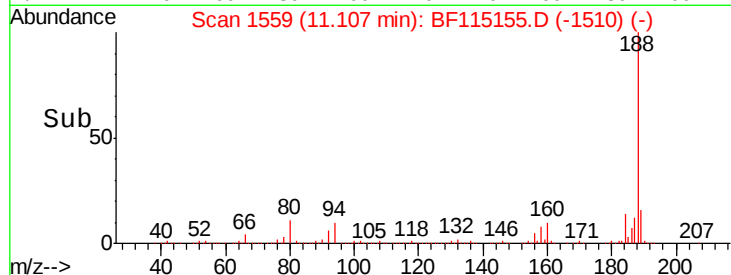
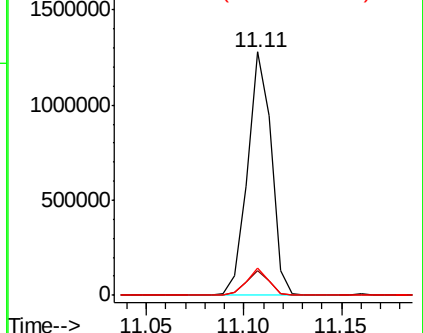
80 11.1 8.8 13.2



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: 5.077 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

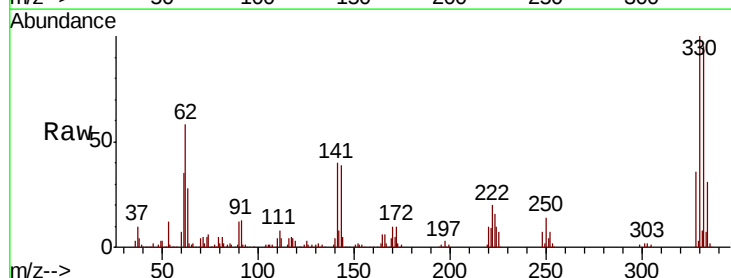
Tgt Ion:198 Resp: 747

Ion Ratio Lower Upper

198 100

51 143.9 11.0 51.0#

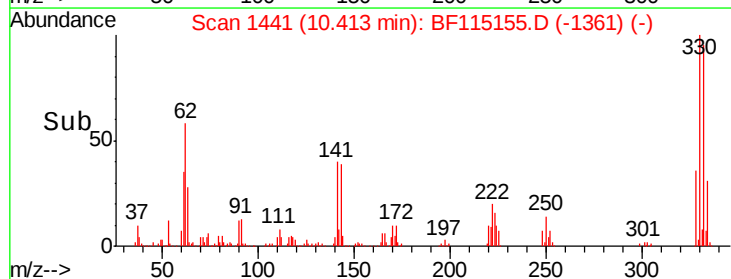
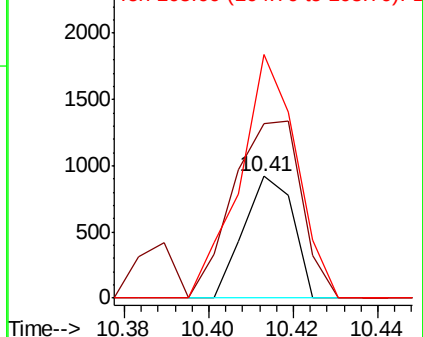
105 200.3 17.3 57.3#

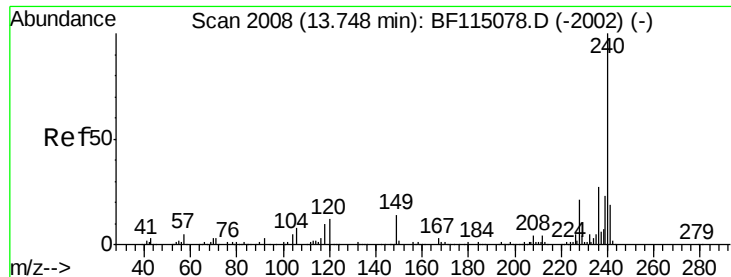


Abundance Ion 198.00 (197.70 to 198.70): E

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: BF115155.D

Acq: 24 Jun 2019 19:01

Instrument :

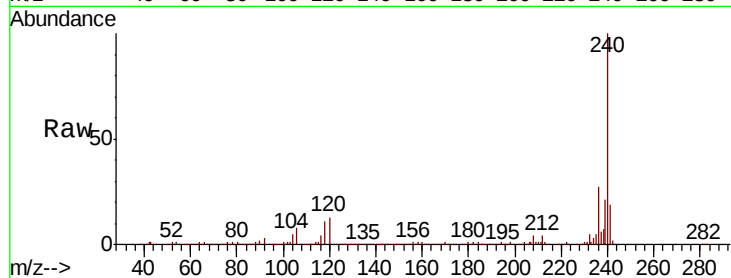
BNA_F

ClientSampleId :

FK-BPM-04-002

Tot Ion:240 Resp: 822287

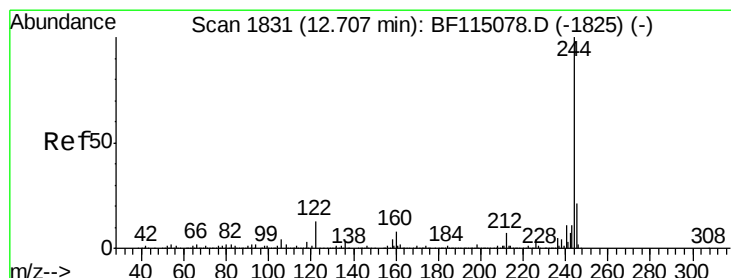
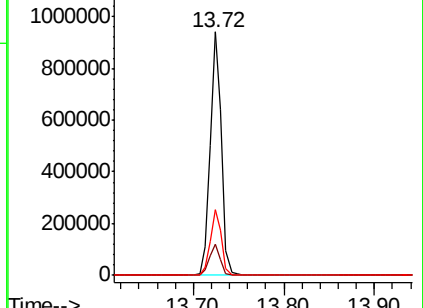
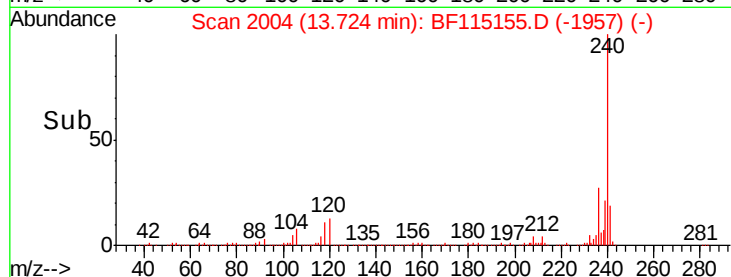
Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.2
236	27.1	21.7	32.5



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: 54.108 ng

RT: 12.70 min Scan# 1829

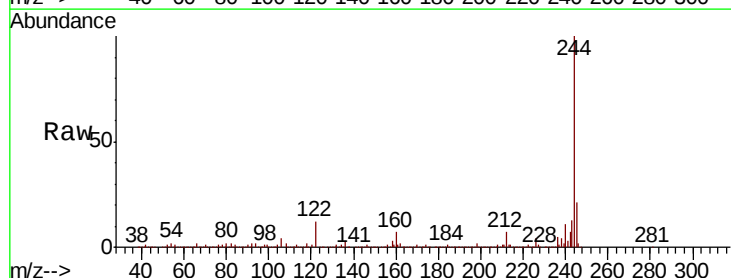
Delta R.T. -0.01 min

Lab File: BF115155.D

Acq: 24 Jun 2019 19:01

Tgt Ion:244 Resp: 2092615

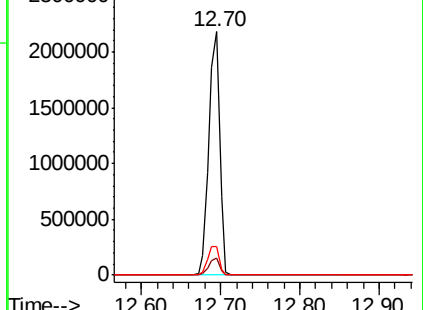
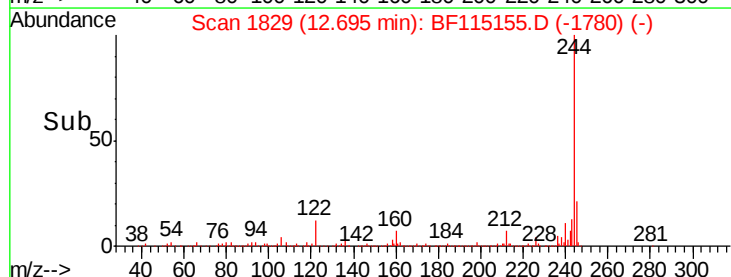
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.6	10.4	15.6

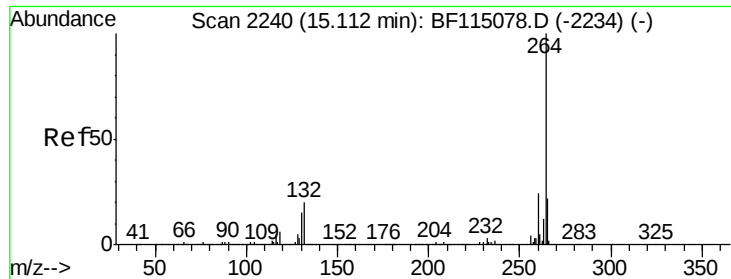


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115155.D
Acq: 24 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.4	17.3	25.9

