

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115118.D
 Acq On : 22 Jun 2019 14:10
 Operator : HP/JU
 Sample : K3447-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-1

Quant Time: Jun 24 04:34:12 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

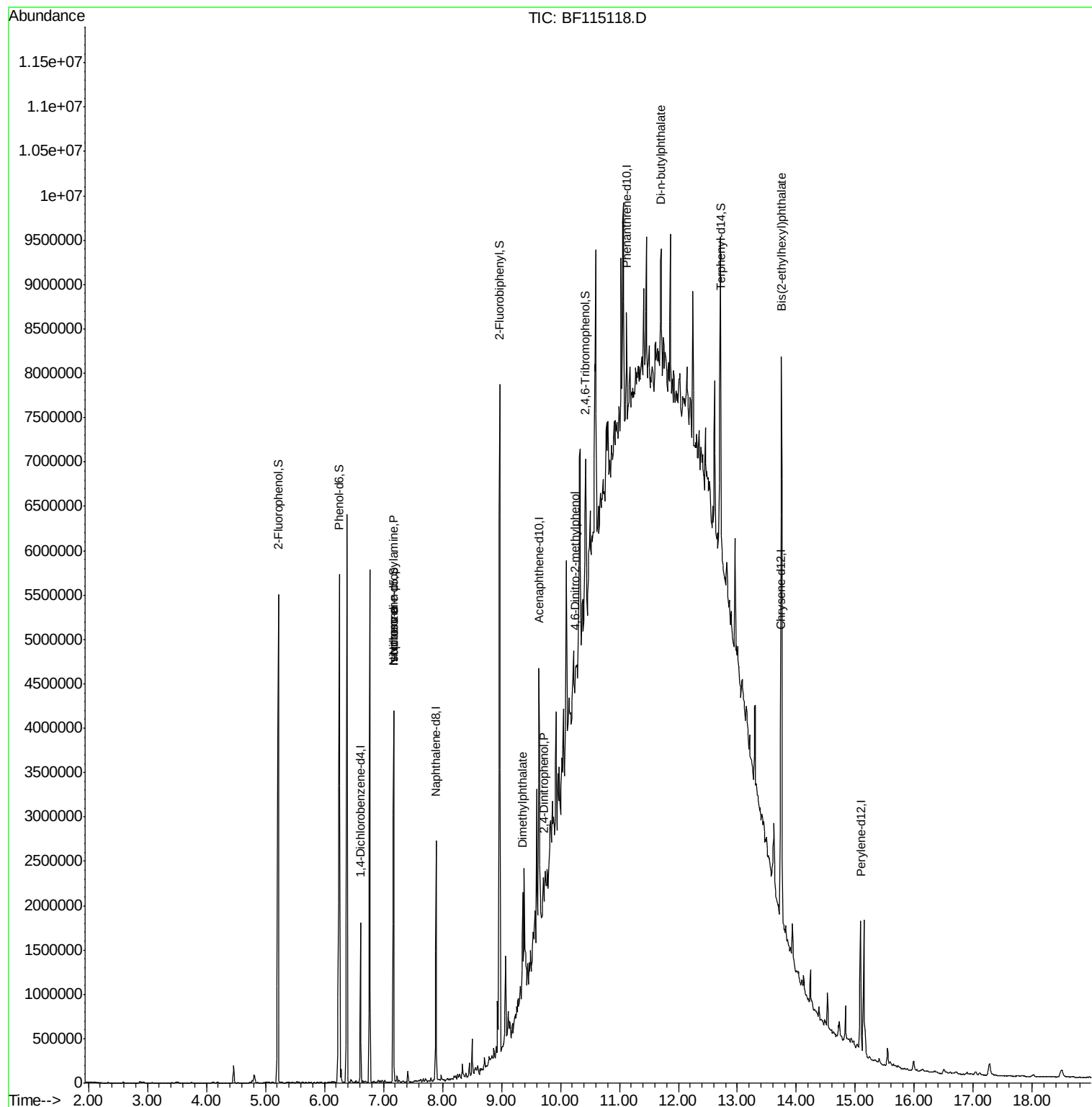
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	288916	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1089074	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	504478	20.00	ng	-0.01
64) Phenanthrene-d10	11.12	188	730186	20.00	ng	0.00
76) Chrysene-d12	13.73	240	602770	20.00	ng	-0.02
87) Perylene-d12	15.09	264	640147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2070195	110.57	ng	0.01
7) Phenol-d6	6.25	99	2648091	116.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1625168	91.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	499099	93.82	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2602753	87.64	ng	-0.01
79) Terphenyl-d14	12.71	244	2165076	76.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	221595	15.232	ng	# 79
25) Isophorone	7.17	82	1605178	44.259	ng	# 63
50) Dimethylphthalate	9.36	163	446441	12.028	ng	# 99
54) 2,4-Dinitrophenol	9.71	184	546	7.456	ng	# 1
58) Fluorene	10.18	166	2384	Below Cal	#	1
61) 4-Chlorophenyl-phenylether	10.20	204	2066	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.24	198	557	5.088	ng	# 1
74) Di-n-butylphthalate	11.71	149	1382196	33.753	ng	# 99
84) Bis(2-ethylhexyl)phthalate	13.75	149	2172094	81.089	ng	# 98

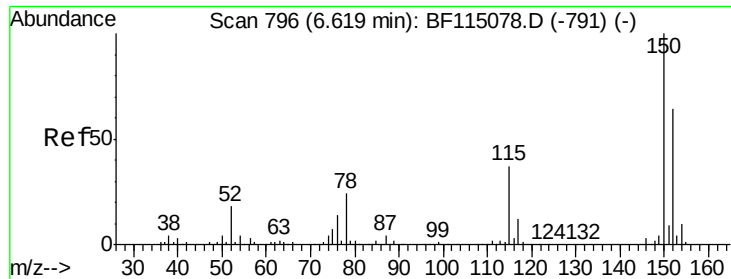
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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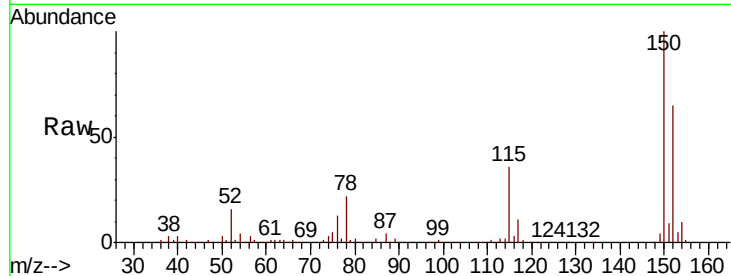


#1

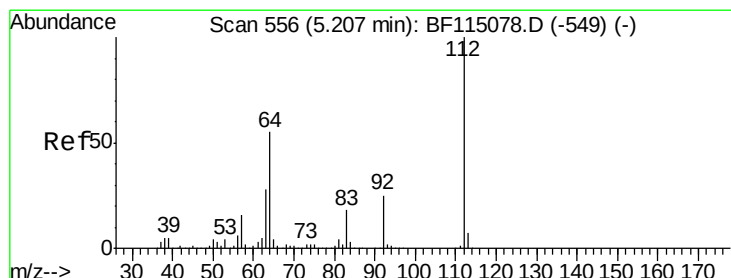
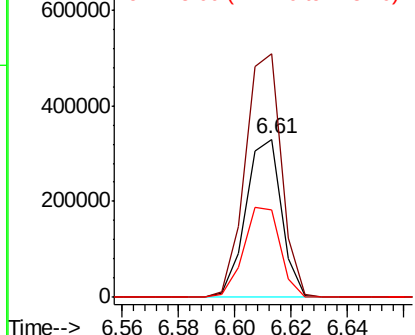
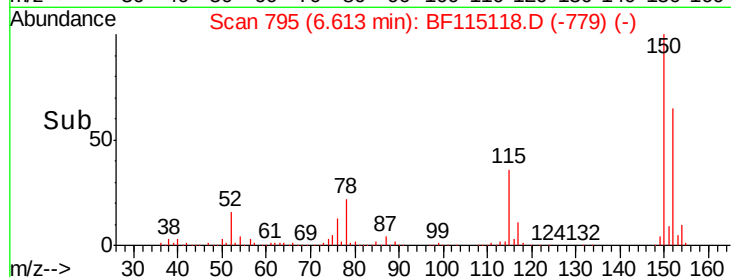
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

Instrument :
BNA_F
ClientSampleId :
DISPENSER-1

Tot Ion:152 Resp: 288916
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 55.3 46.1 69.1



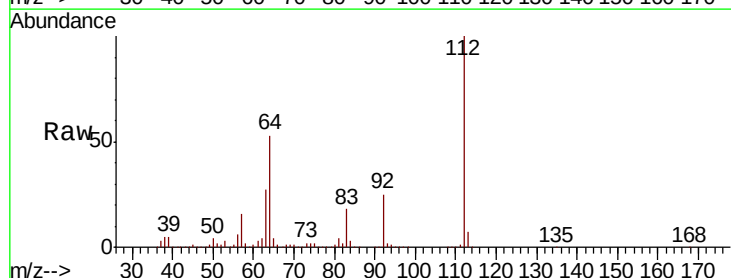
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



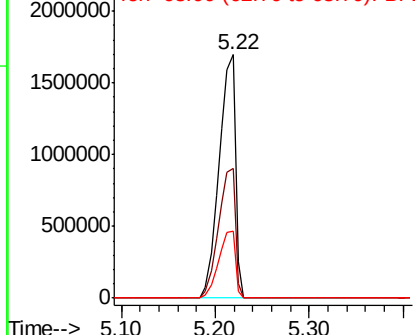
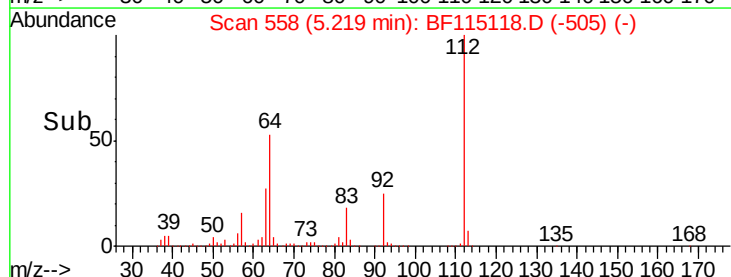
#5

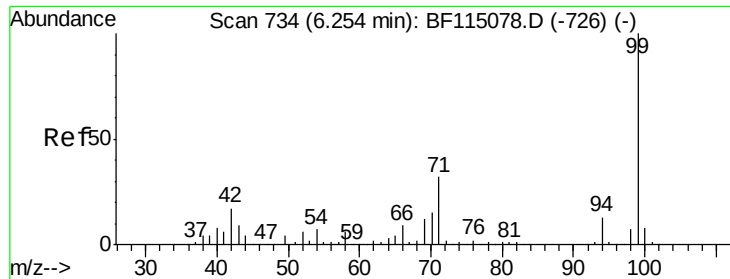
2-Fluorophenol
Concen: 110.574 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

Tgt Ion:112 Resp: 2070195
Ion Ratio Lower Upper
112 100
64 53.2 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: 116.532 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

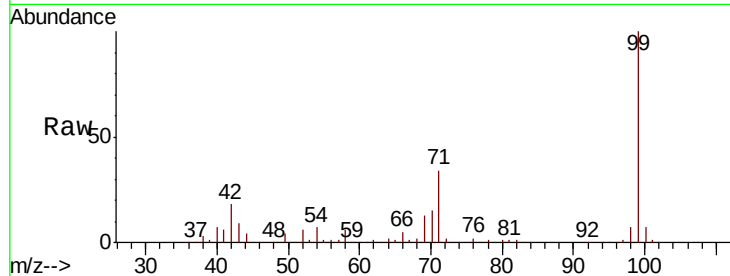
Tot Ion: 99 Resp: 2648091

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

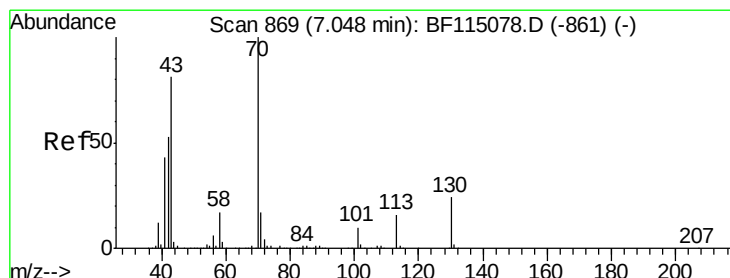
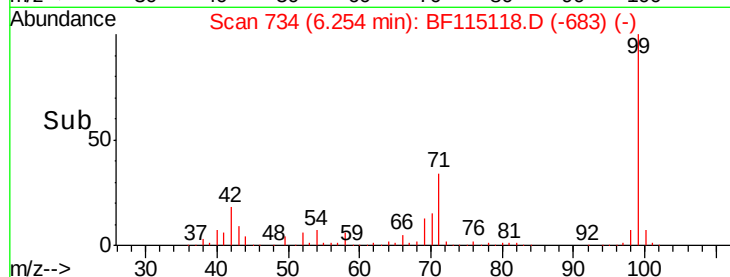
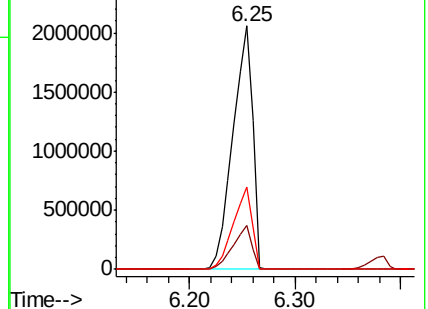
71 33.9 25.5 38.3



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: 15.232 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Tgt Ion: 70 Resp: 221595

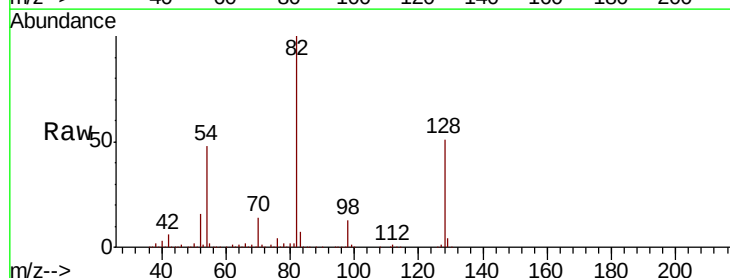
Ion Ratio Lower Upper

70 100

42 46.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

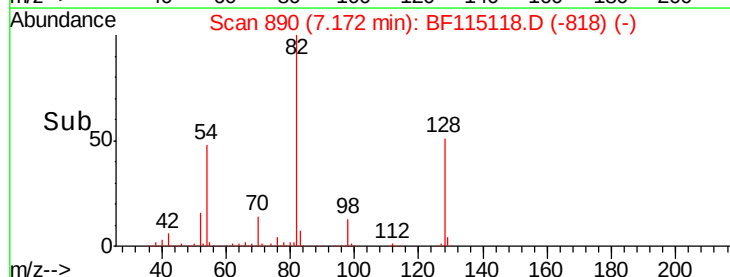
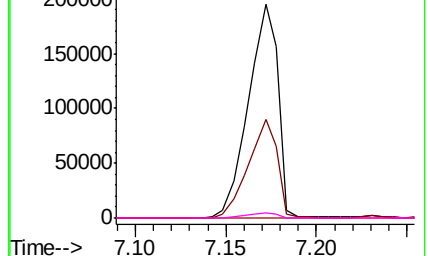


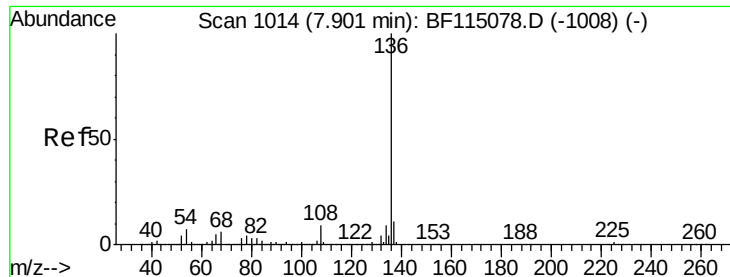
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

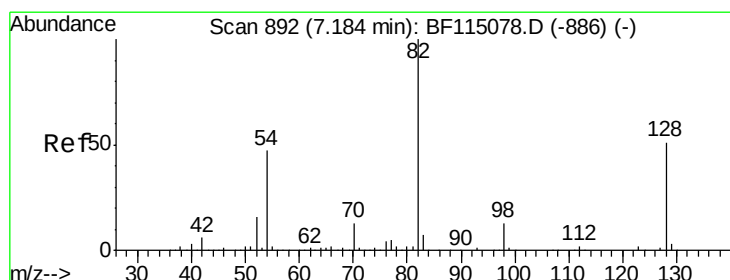
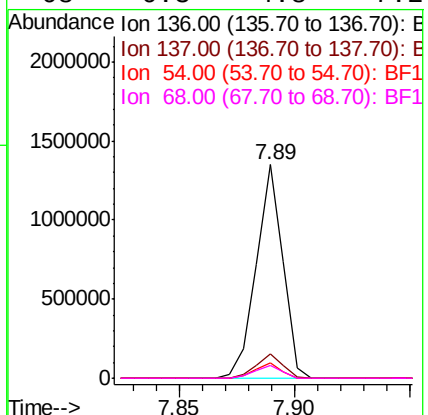
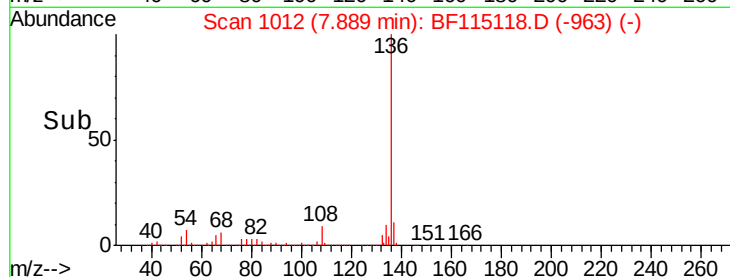
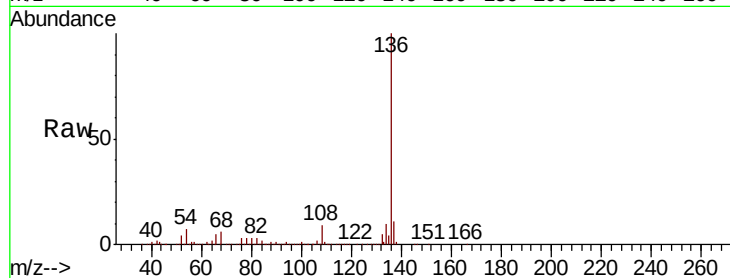




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

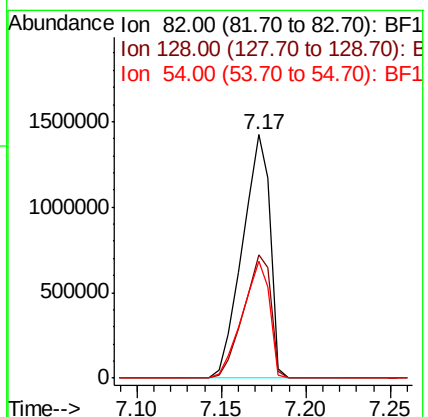
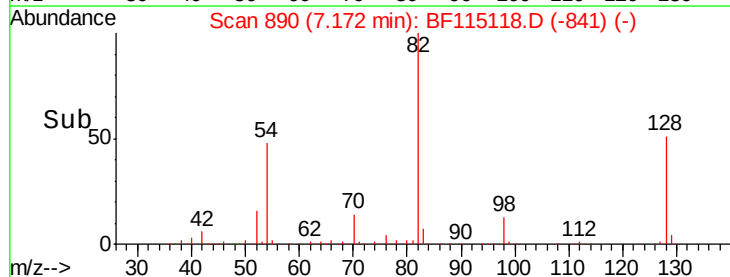
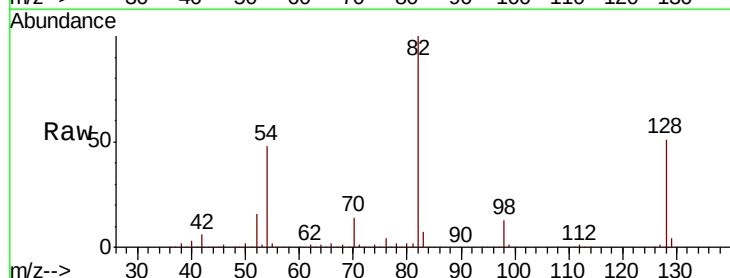
Instrument :
BNA_F
ClientSampleId :
DISPENSER-1

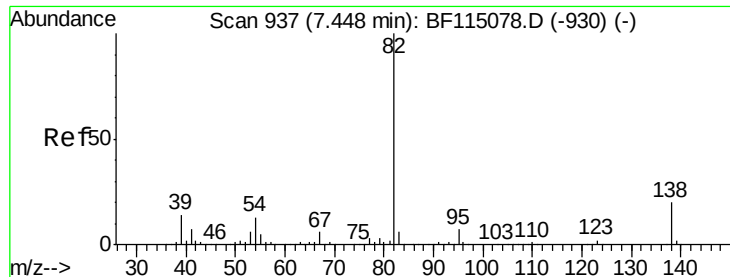
Tot Ion:136	Resp: 1089074
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.0	5.6 8.4
68 6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 91.796 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

Tgt Ion: 82	Resp: 1625168
Ion Ratio	Lower Upper
82 100	
128 50.5	40.4 60.6
54 47.8	37.5 56.3





#25

Isophorone

Concen: 44.259 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

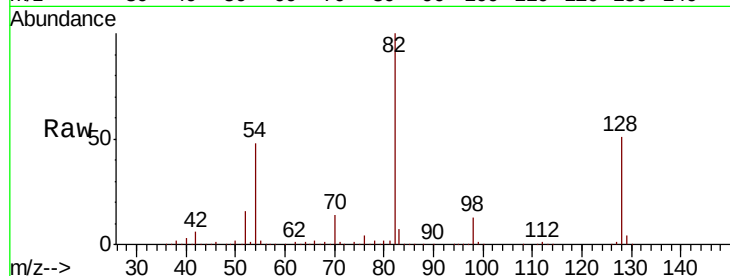
Tot Ion: 82 Resp: 1605178

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

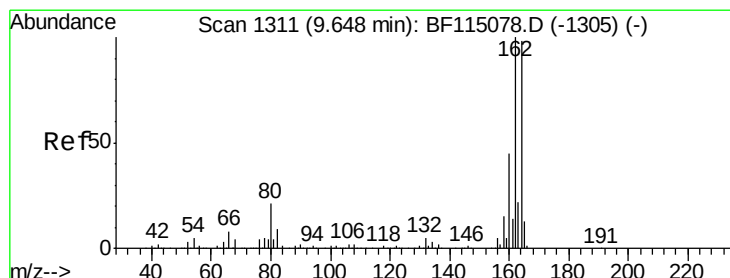
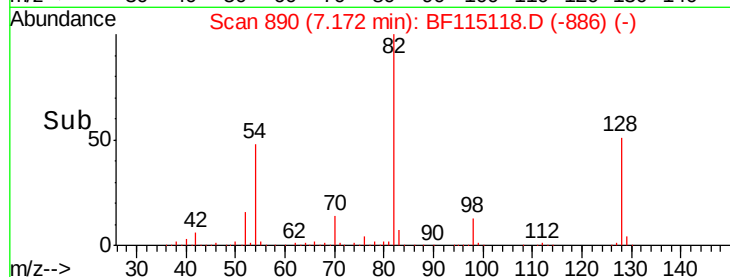
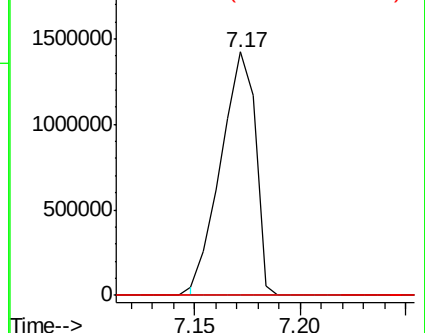
138 0.0 15.9 23.9#



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: BF115118.D

Acq: 22 Jun 2019 14:10

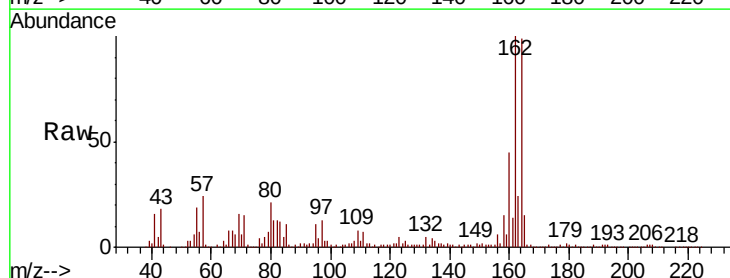
Tgt Ion: 164 Resp: 504478

Ion Ratio Lower Upper

164 100

162 101.2 81.7 122.5

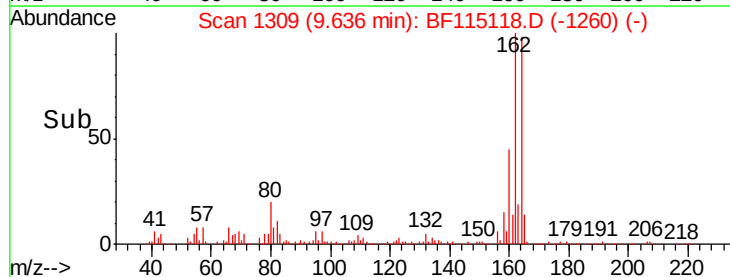
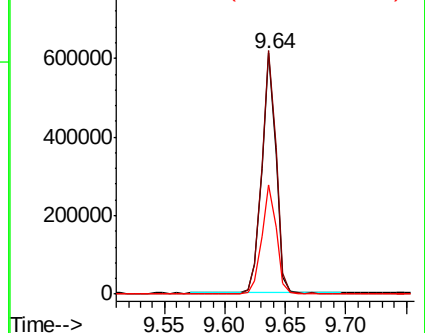
160 45.3 37.0 55.4

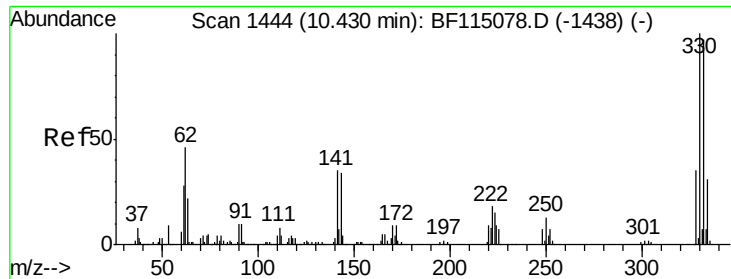


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

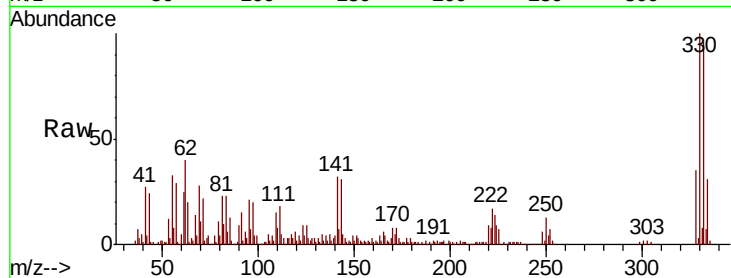




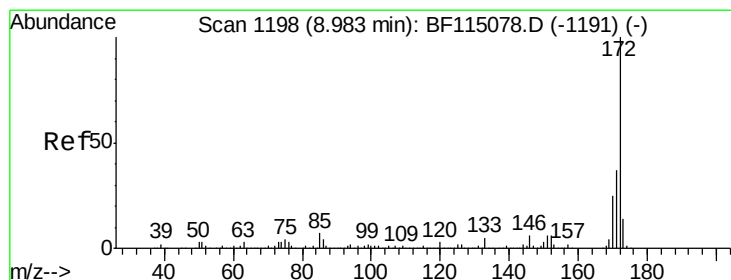
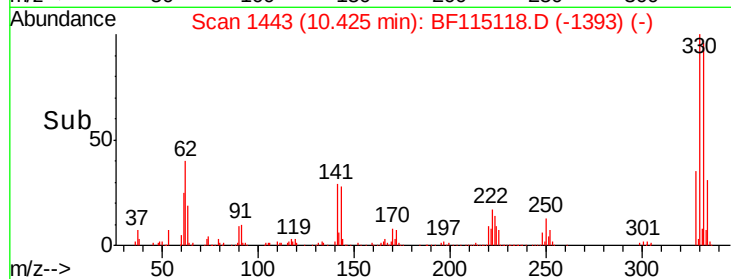
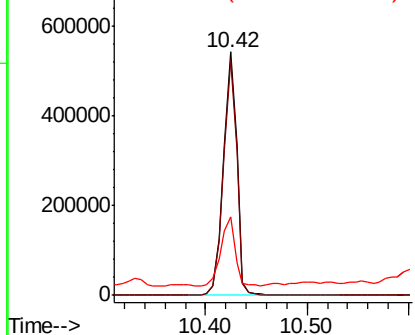
#42
 2,4,6-Tribromophenol
 Concen: 93.817 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115118.D
 Acq: 22 Jun 2019 14:10

Instrument :
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Tot Ion	330	Resp	499099
Ion Ratio	100		
Lower	77.3		
Upper	115.9		
332	96.3		
141	29.5		
	28.2		
	42.2		

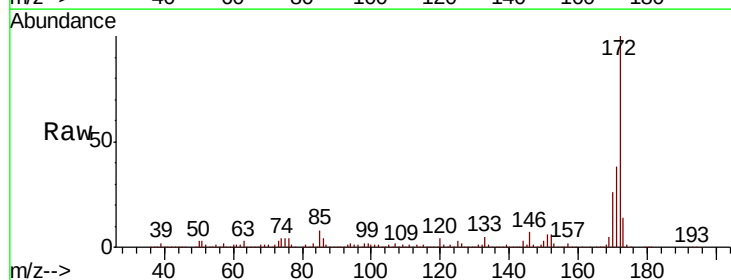


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

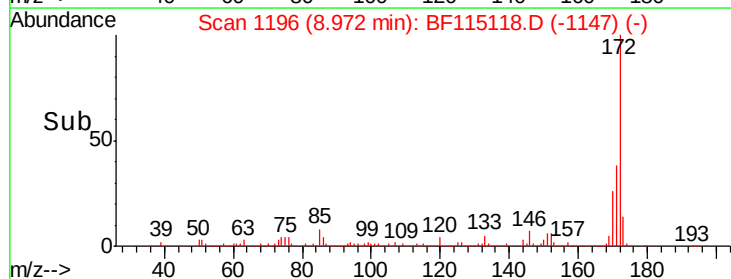
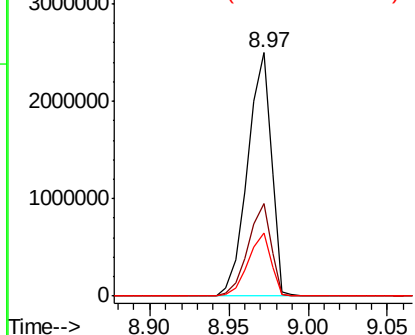


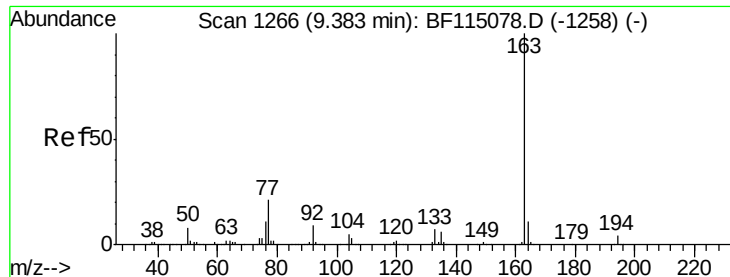
#45
 2-Fluorobiphenyl
 Concen: 87.637 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115118.D
 Acq: 22 Jun 2019 14:10

Tgt Ion	172	Resp	2602753
Ion Ratio	100		
Lower	29.8		
Upper	44.6		
171	38.1		
170	25.8		
	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

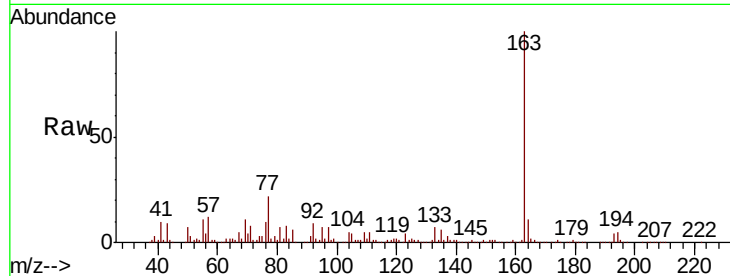




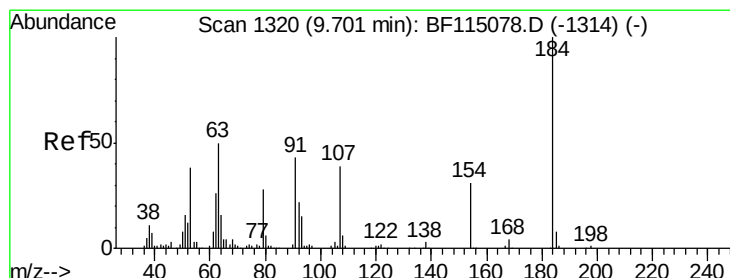
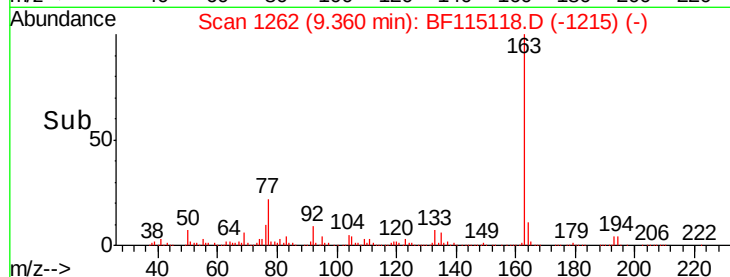
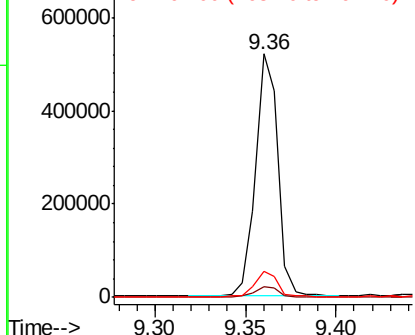
#50
Dimethylphthalate
Concen: 12.028 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:163 Resp: 446441
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.8 8.6 13.0

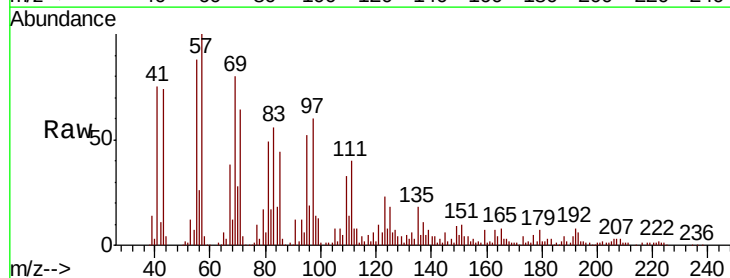


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

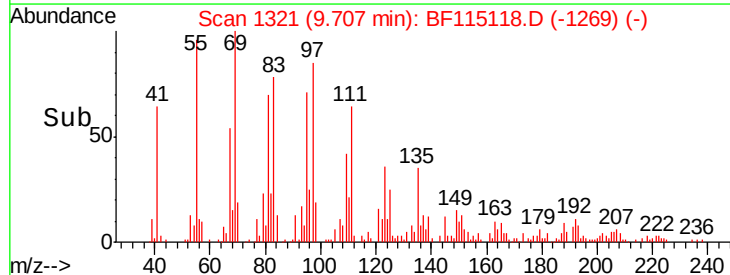
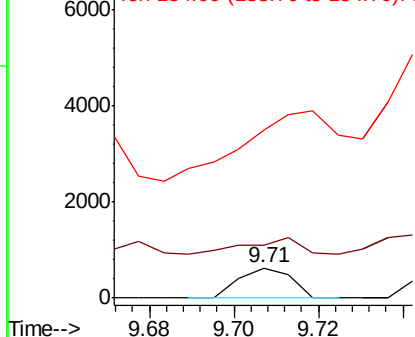


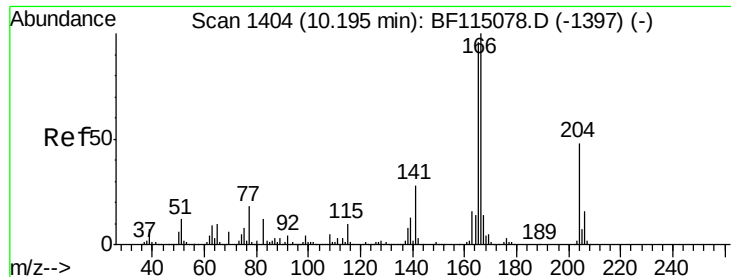
#54
2,4-Dinitrophenol
Concen: 7.456 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115118.D
Acq: 22 Jun 2019 14:10

Tgt Ion:184 Resp: 546
Ion Ratio Lower Upper
184 100
63 174.3 41.9 62.9#
154 551.3 44.7 67.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

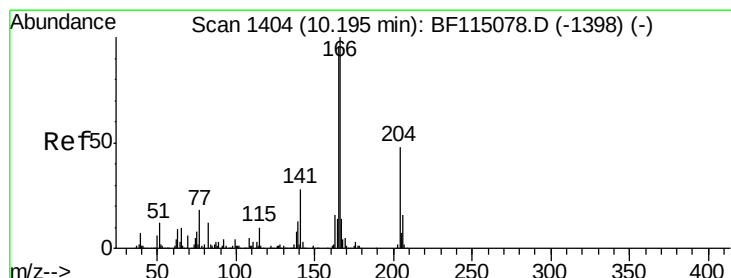
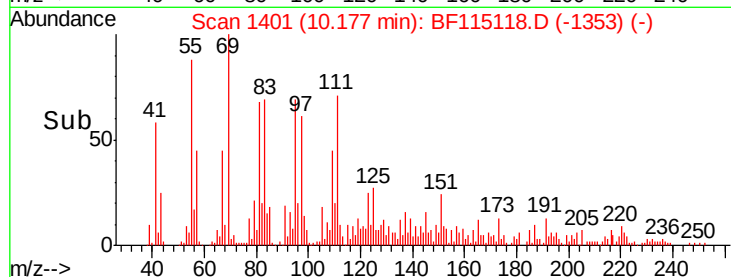
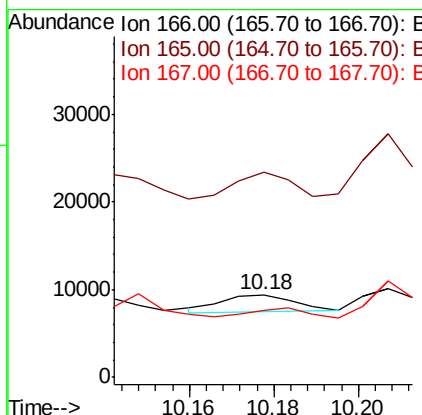
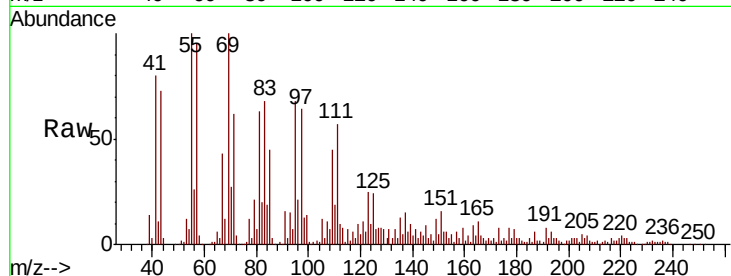




#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115118.D
 Acq: 22 Jun 2019 14:10

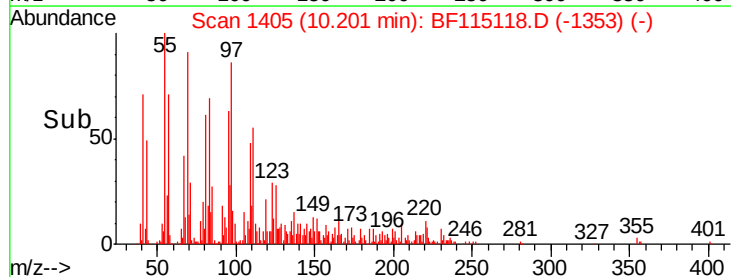
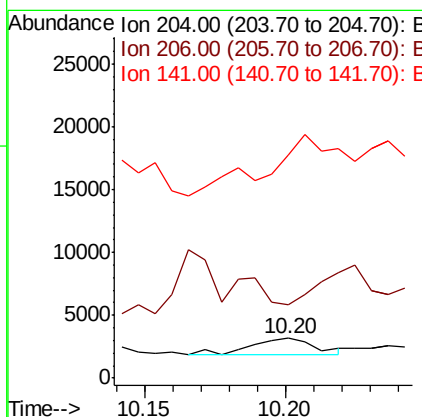
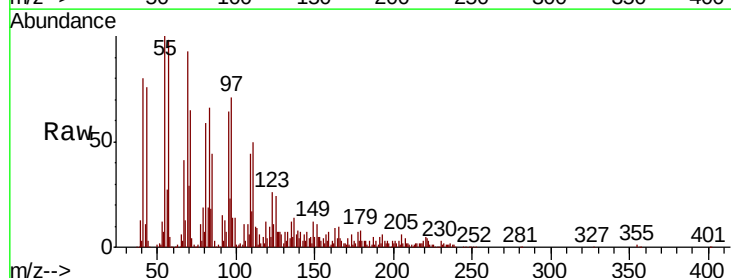
Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-1

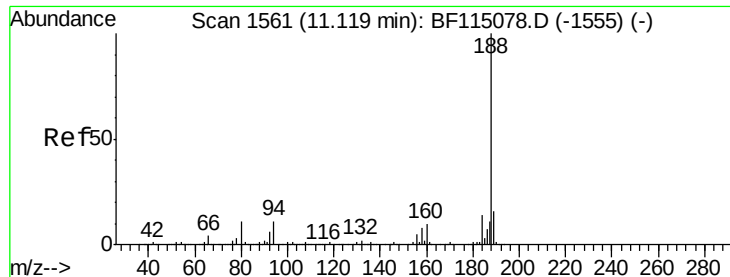
Tot Ion:166 Resp: 2384
 Ion Ratio Lower Upper
 166 100
 165 247.5 76.5 114.7#
 167 80.1 11.0 16.4#



#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.20 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF115118.D
 Acq: 22 Jun 2019 14:10

Tgt Ion:204 Resp: 2066
 Ion Ratio Lower Upper
 204 100
 206 185.7 26.6 40.0#
 141 562.3 46.7 70.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

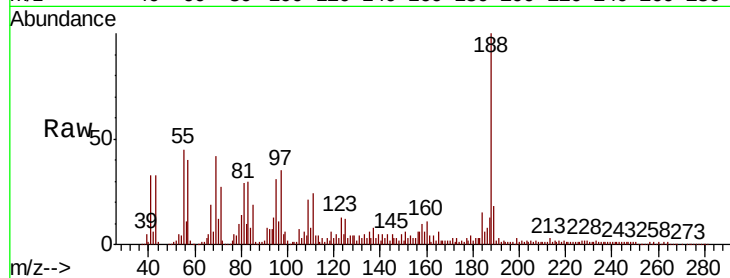
Tot Ion:188 Resp: 730186

Ion Ratio Lower Upper

188 100

94 13.1 8.6 12.8#

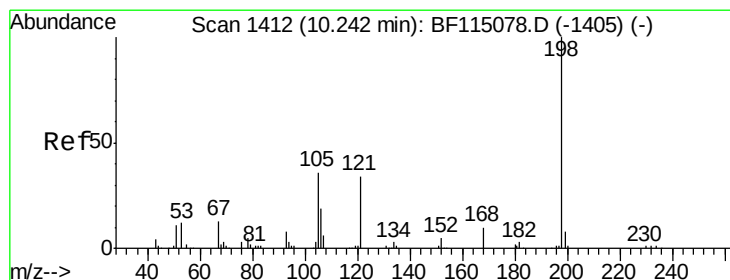
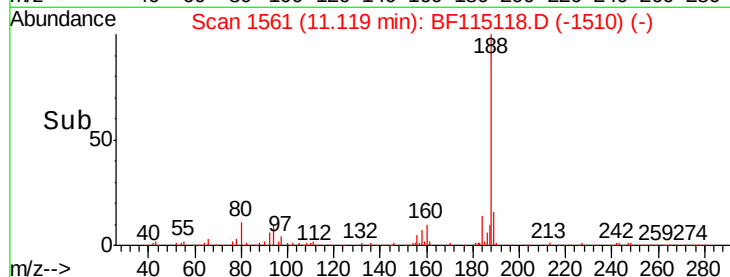
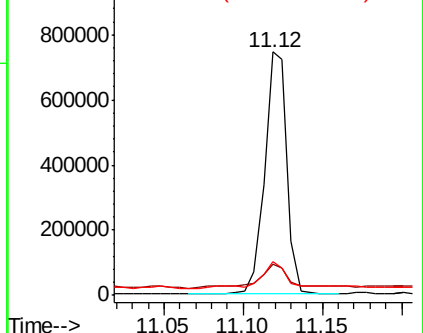
80 13.7 8.8 13.2#



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: 5.088 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

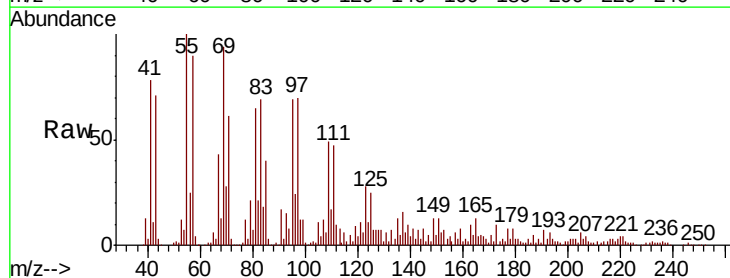
Tgt Ion:198 Resp: 557

Ion Ratio Lower Upper

198 100

51 627.2 11.0 51.0#

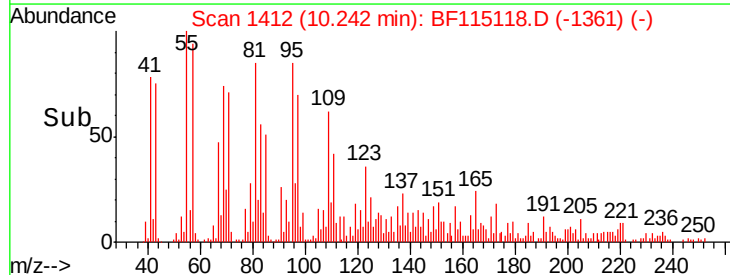
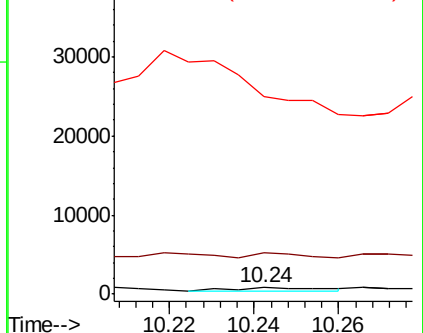
105 3025.2 17.3 57.3#

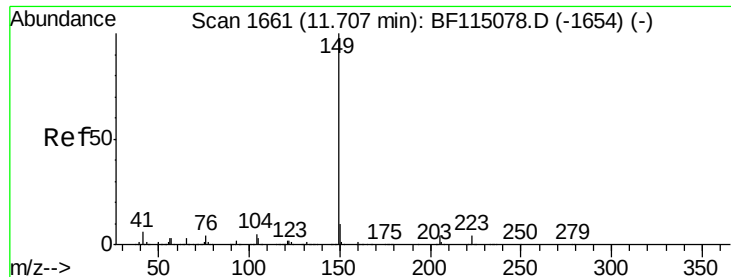


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#74

Di-n-butylphthalate

Concen: 33.753 ng

RT: 11.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

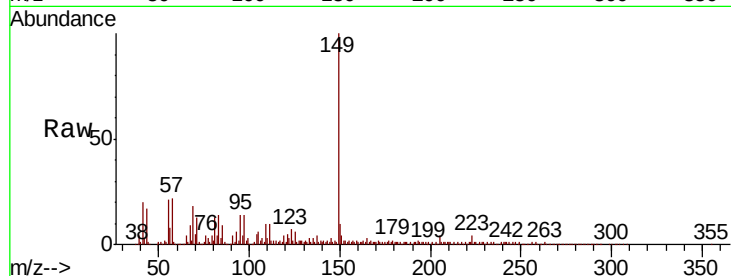
Tot Ion:149 Resp: 1382196

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.8

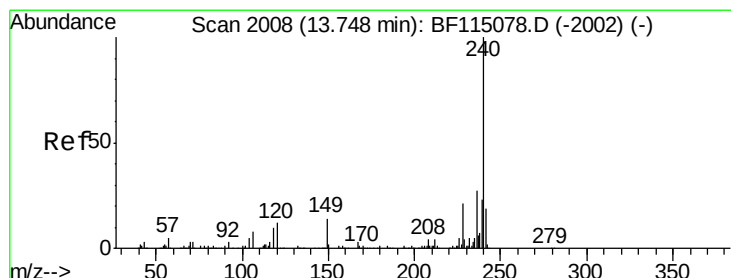
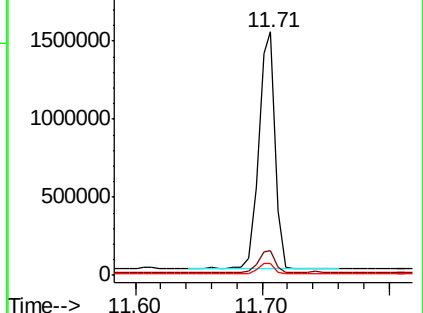
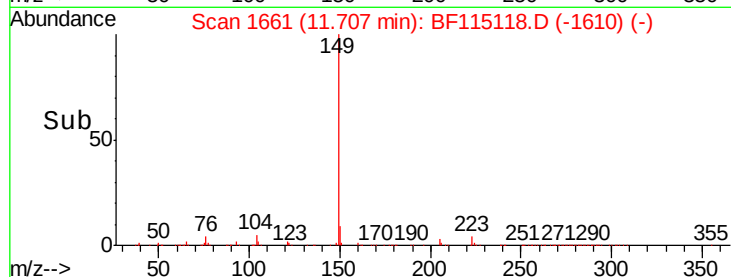
104 5.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

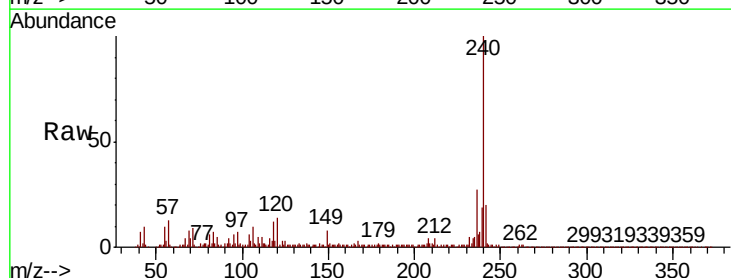
Tgt Ion:240 Resp: 602770

Ion Ratio Lower Upper

240 100

120 14.2 9.4 14.2

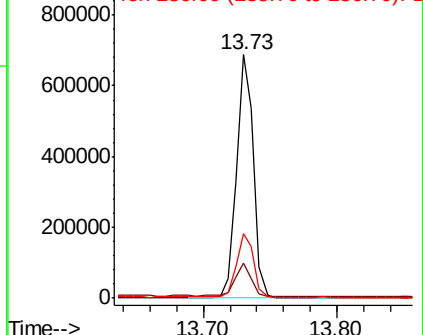
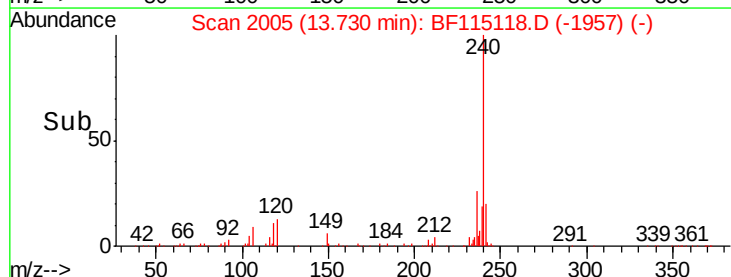
236 26.6 21.7 32.5

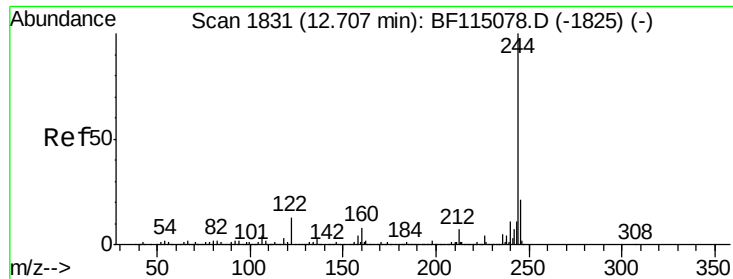


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.369 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

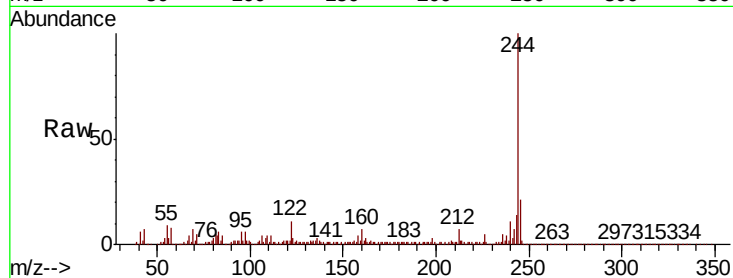
Tot Ion:244 Resp: 2165076

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

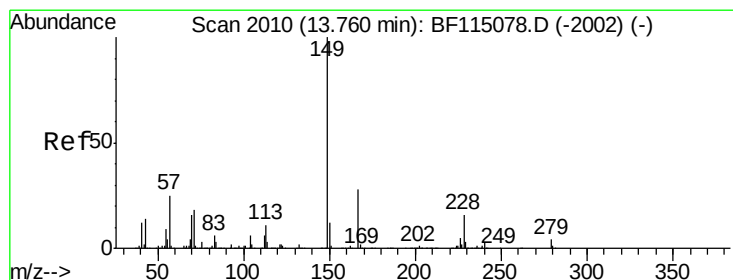
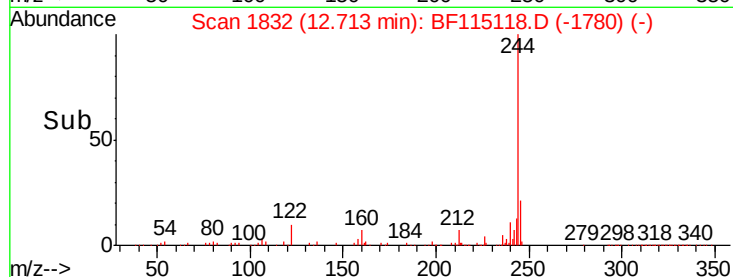
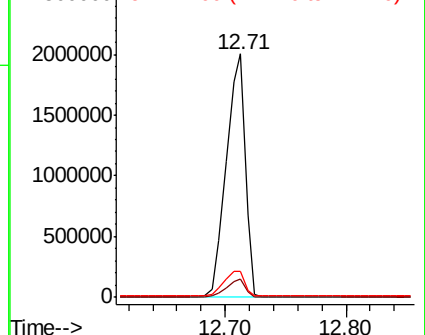
122 10.9 10.4 15.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.089 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

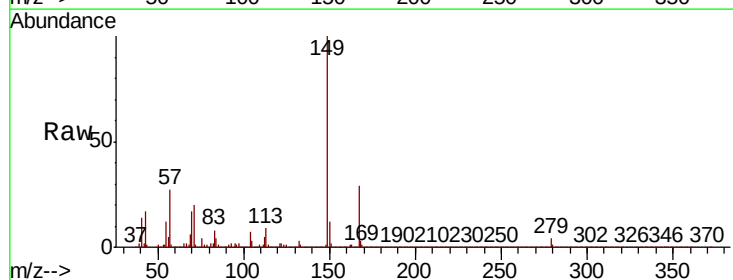
Tgt Ion:149 Resp: 2172094

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

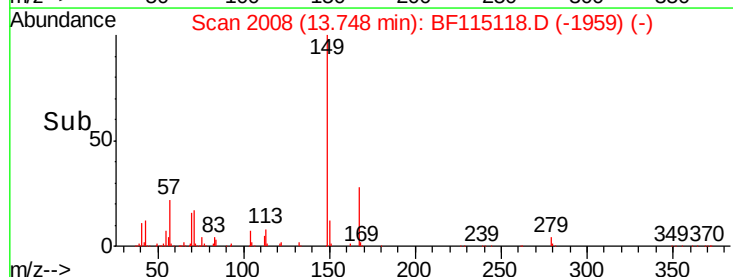
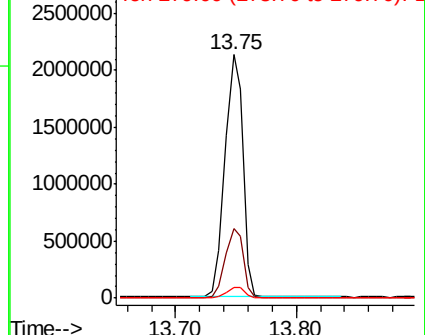
279 4.4 2.9 4.3#

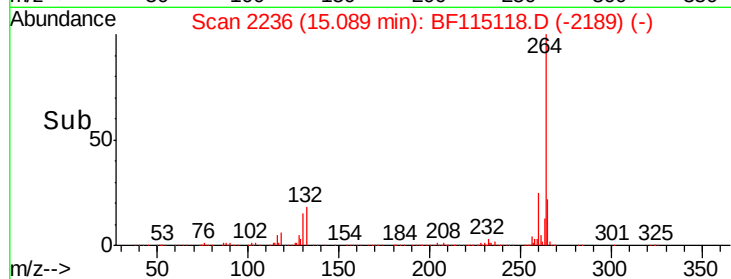
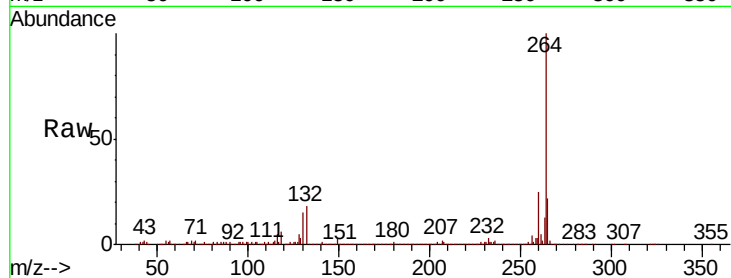
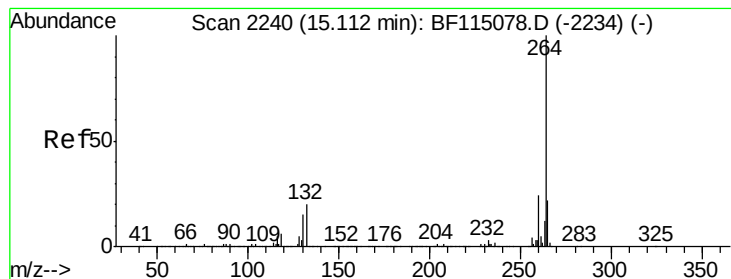


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115118.D

Acq: 22 Jun 2019 14:10

Instrument :

BNA_F

ClientSampleId :

DISPENSER-1

Tot Ion:264 Resp: 640147

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.0 17.3 25.9

