

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115157.D
 Acq On : 24 Jun 2019 19:54
 Operator : HP/JU
 Sample : K3447-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-2

Quant Time: Jun 25 07:41:32 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	292746	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1085380	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	523670	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1010346	20.00	ng	0.00
76) Chrysene-d12	13.73	240	842075	20.00	ng	-0.02
87) Perylene-d12	15.09	264	725926	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2055732	108.36	ng	0.01
7) Phenol-d6	6.25	99	2618220	113.71	ng	0.00
23) Nitrobenzene-d5	7.17	82	1602171	90.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	599503	108.56	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2607290	84.57	ng	-0.01
79) Terphenyl-d14	12.70	244	2837281	71.64	ng	0.00

Target Compounds

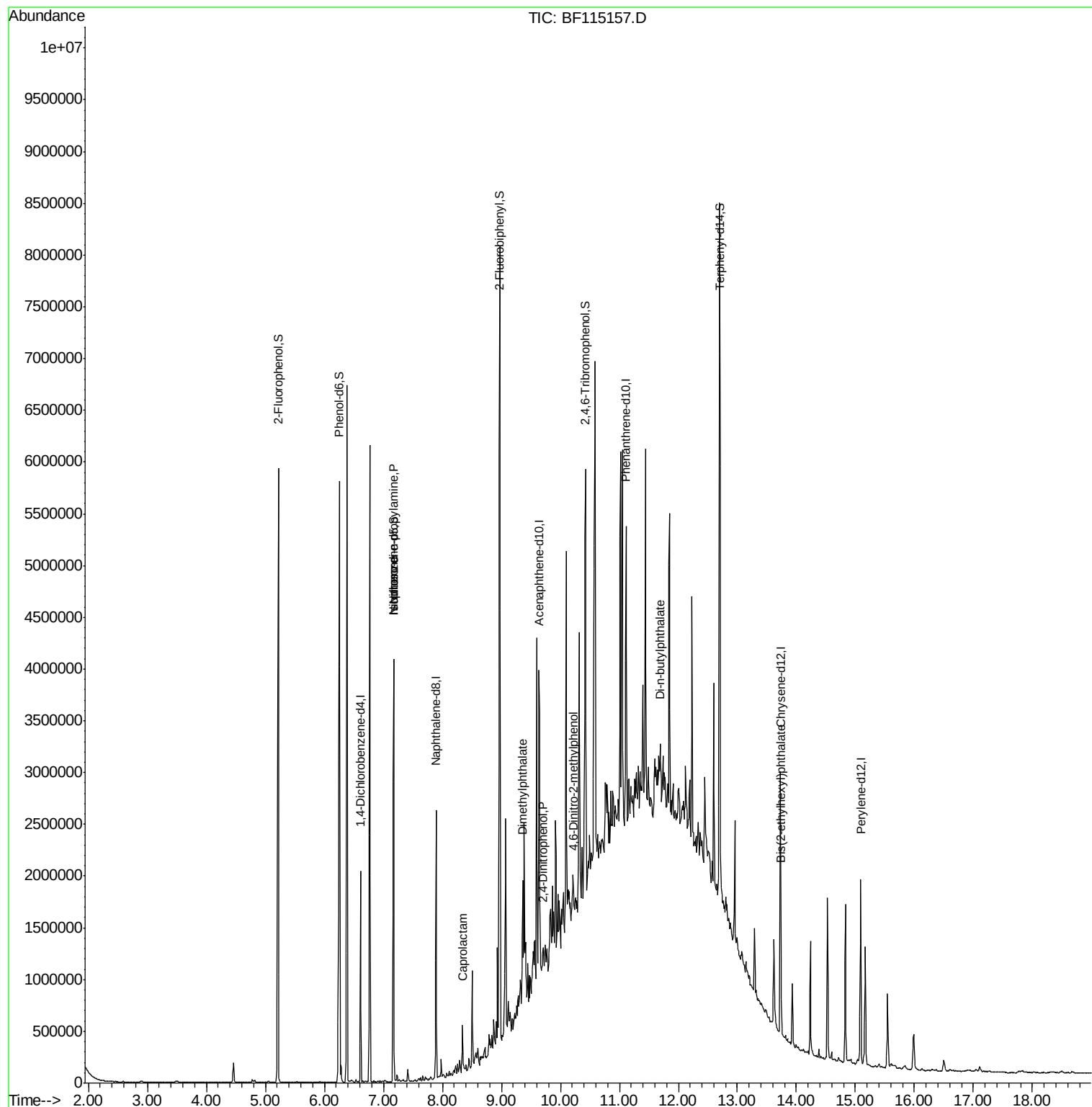
						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	216610	14.694	ng	# 79
25) Isophorone	7.17	82	1588781	43.956	ng	# 63
35) Caprolactam	8.34	113	12156	2.229	ng	# 30
50) Dimethylphthalate	9.37	163	405766	10.532	ng	# 99
54) 2,4-Dinitrophenol	9.71	184	131	7.370	ng	# 1
58) Fluorene	10.18	166	1681	Below Cal		# 1
61) 4-Chlorophenyl-phenylether	10.20	204	976	Below Cal		# 1
65) 4,6-Dinitro-2-methylphenol	10.23	198	273	5.005	ng	# 1
74) Di-n-butylphthalate	11.69	149	194907	3.440	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.74	149	175748	4.696	ng	100

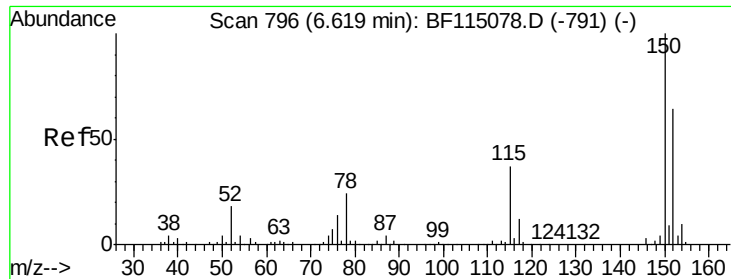
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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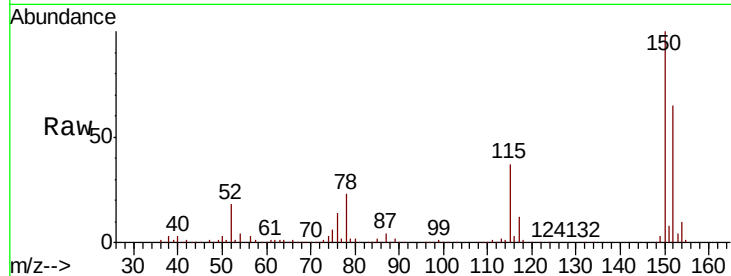


#1

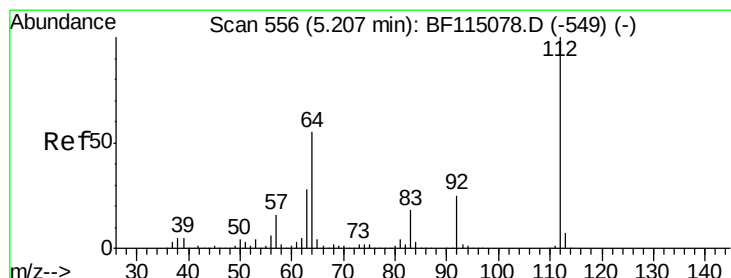
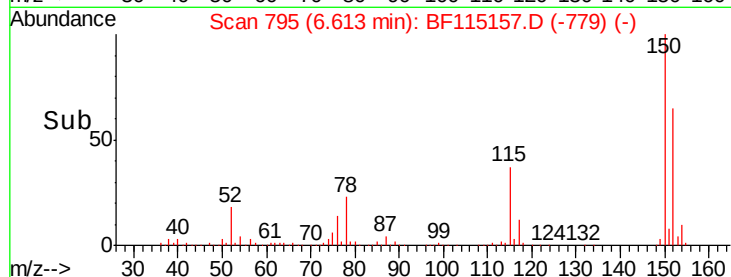
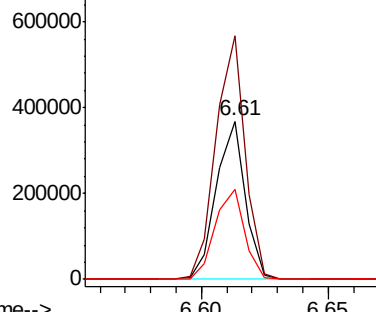
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
DISPENSER-2

Tot Ion:152 Resp: 292746
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 56.8 46.1 69.1



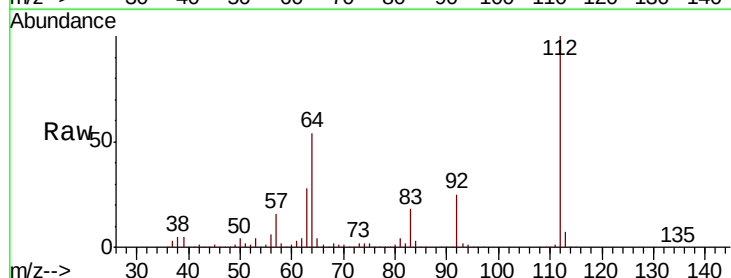
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



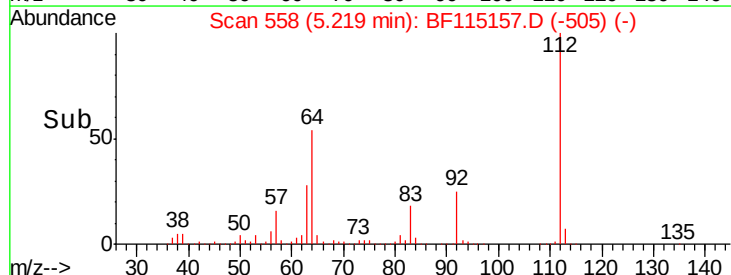
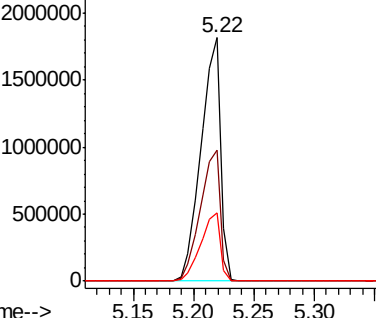
#5

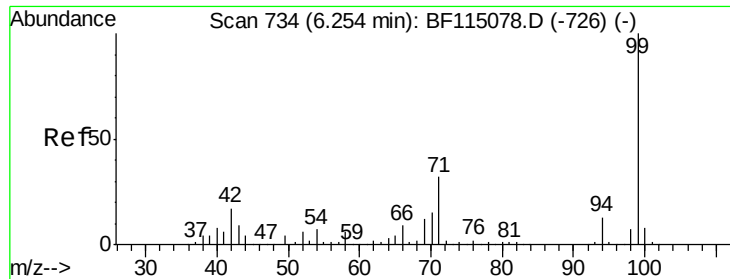
2-Fluorophenol
Concen: 108.365 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Tgt Ion:112 Resp: 2055732
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.6
63 27.8 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: 113.710 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

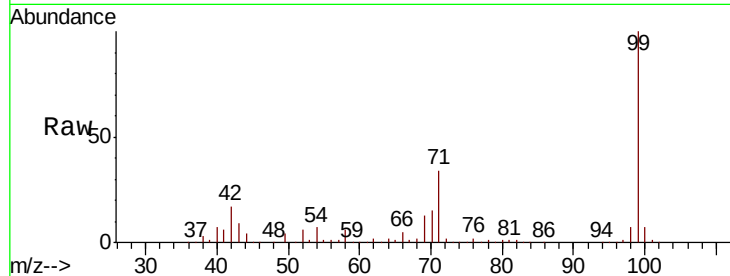
Tot Ion: 99 Resp: 2618220

Ion Ratio Lower Upper

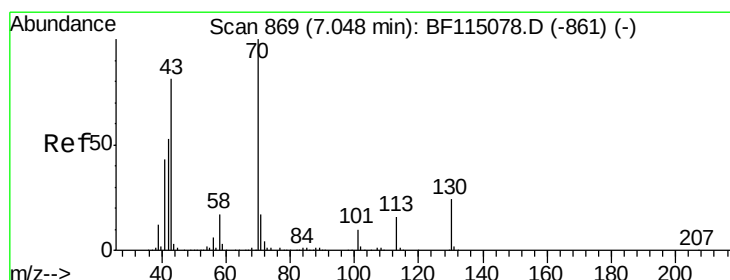
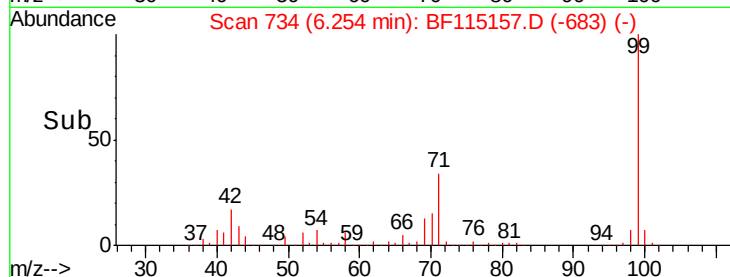
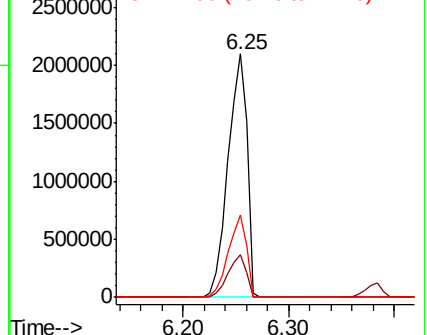
99 100

42 17.4 13.6 20.4

71 34.1 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: 14.694 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Tgt Ion: 70 Resp: 216610

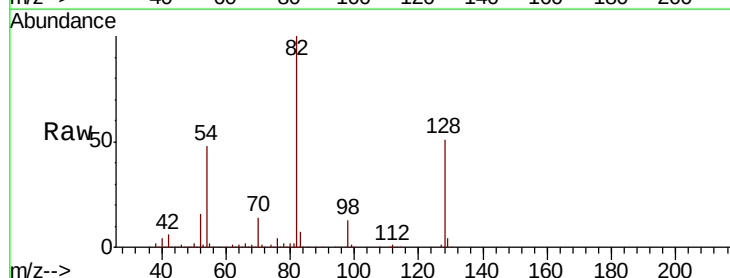
Ion Ratio Lower Upper

70 100

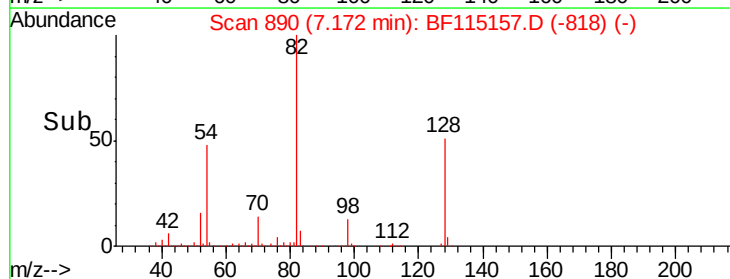
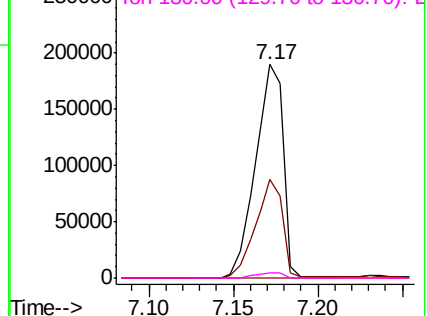
42 46.2 42.6 63.8

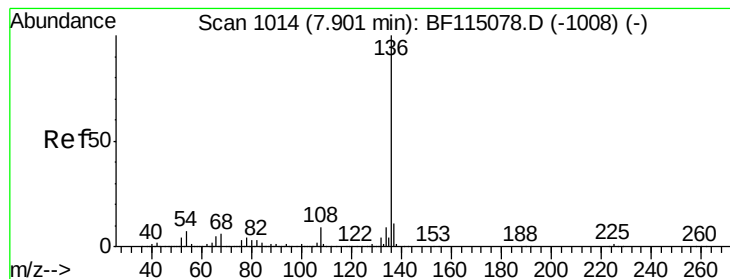
101 0.0 8.0 12.0#

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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 1085380

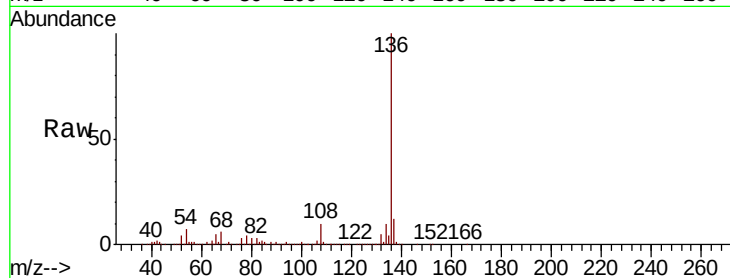
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.3 5.6 8.4

68 6.2 4.8 7.2

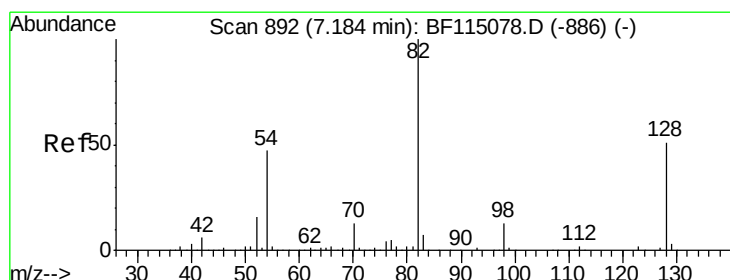
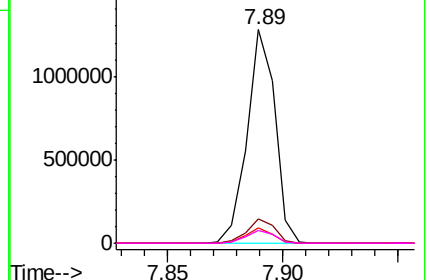
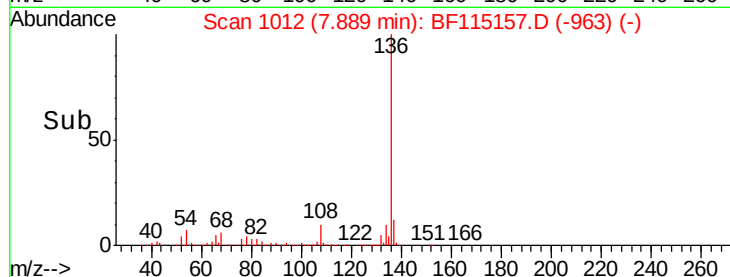


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 90.805 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

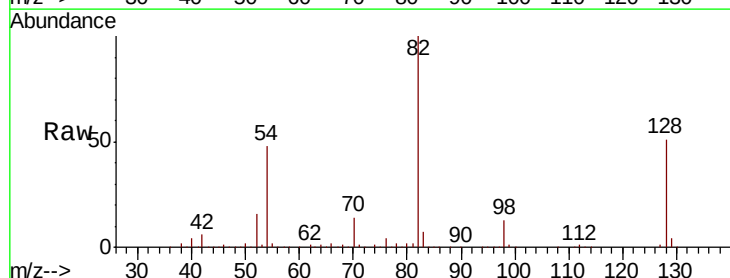
Tgt Ion: 82 Resp: 1602171

Ion Ratio Lower Upper

82 100

128 50.6 40.4 60.6

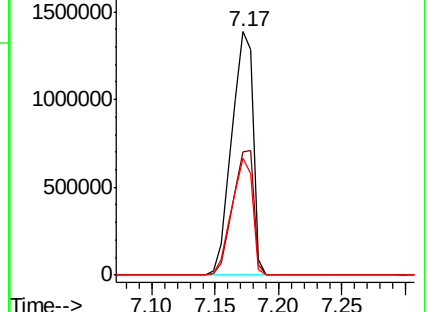
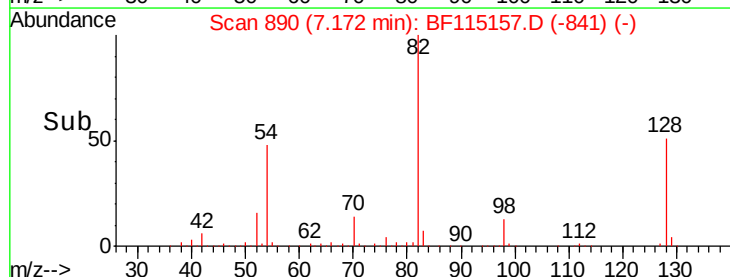
54 48.0 37.5 56.3

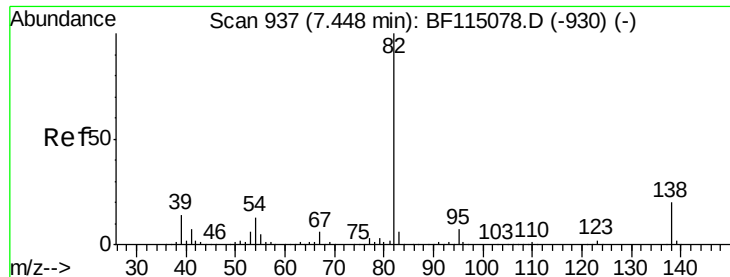


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.956 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

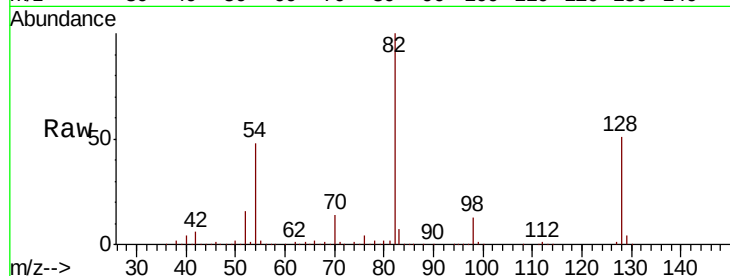
Tot Ion: 82 Resp: 1588781

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

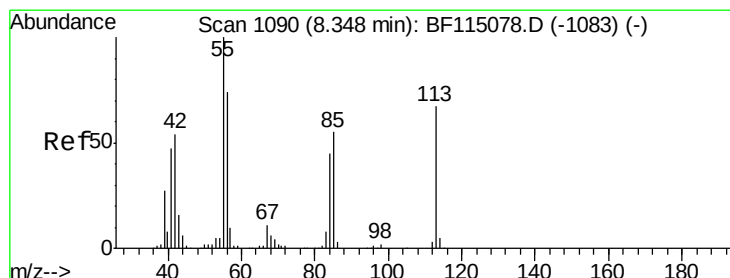
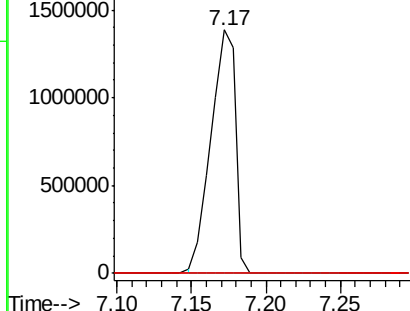
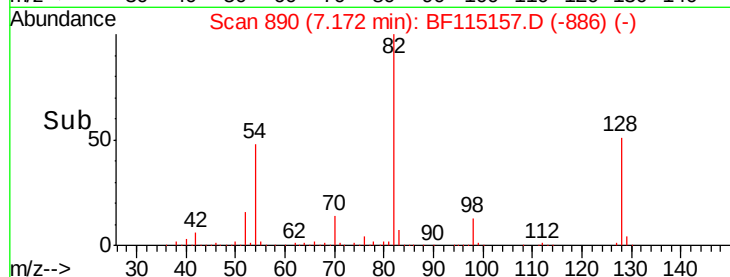
138 0.0 15.9 23.9#



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



#35

Caprolactam

Concen: 2.229 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

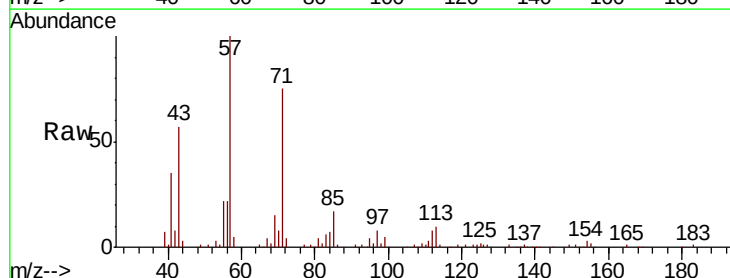
Tgt Ion: 113 Resp: 12156

Ion Ratio Lower Upper

113 100

55 210.3 130.2 170.2#

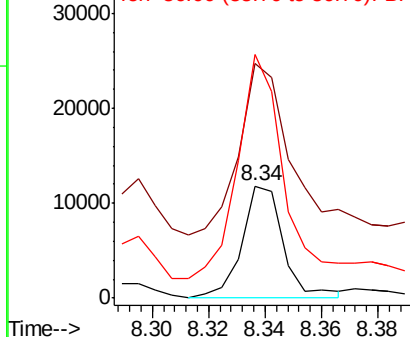
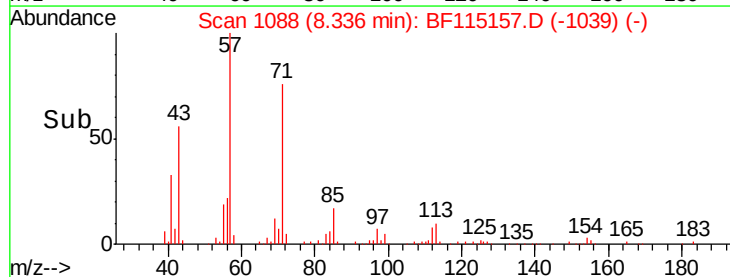
56 217.6 91.6 131.6#

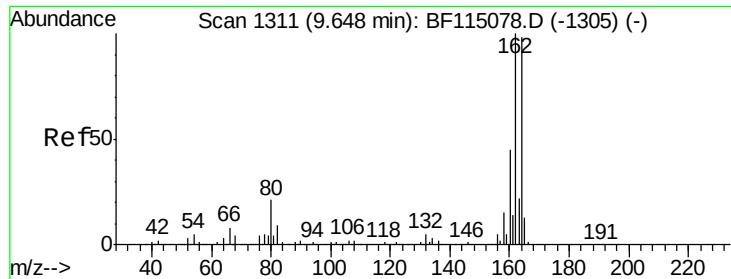


Abundance Ion 113.00 (112.70 to 113.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

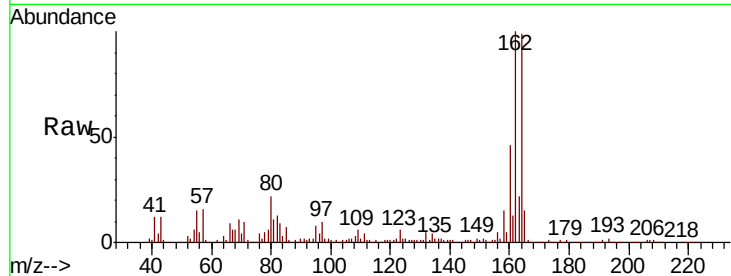




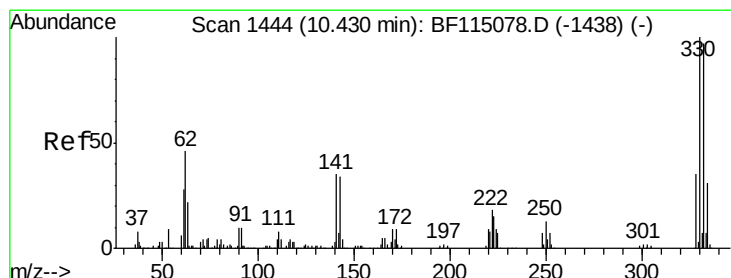
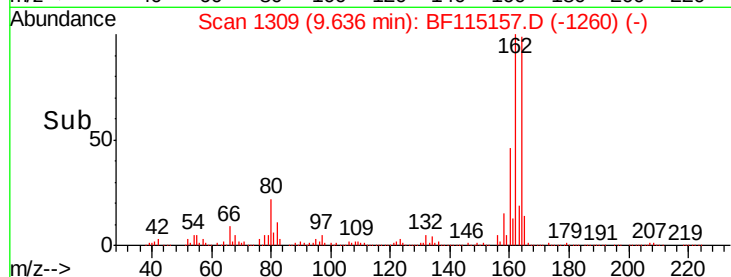
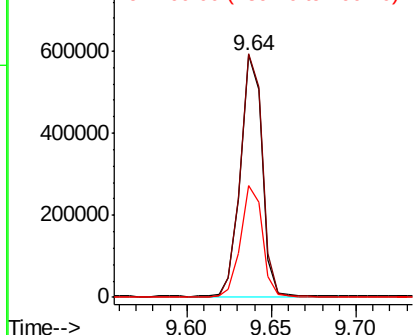
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:164 Resp: 523670
Ion Ratio Lower Upper
164 100
162 100.7 81.7 122.5
160 46.3 37.0 55.4

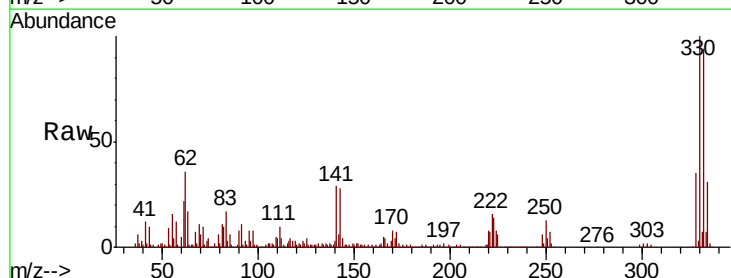


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

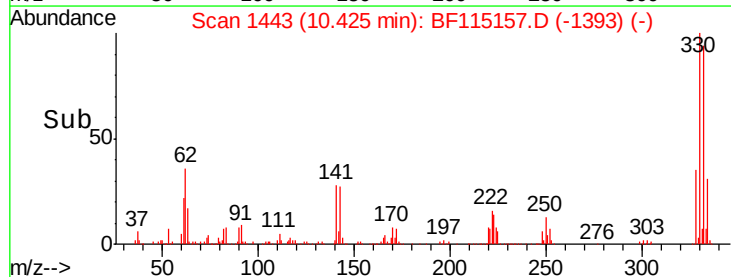
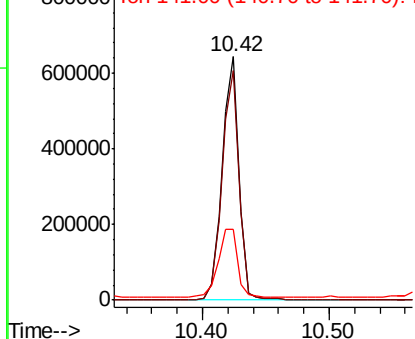


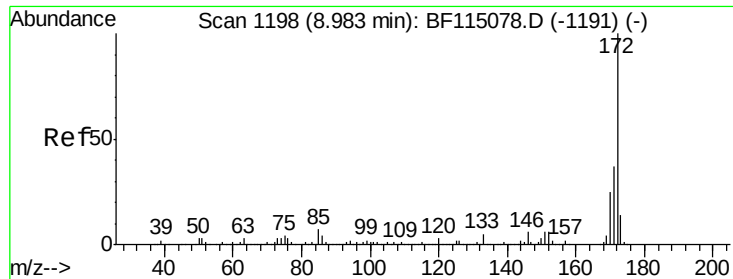
#42
2,4,6-Tribromophenol
Concen: 108.561 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Tgt Ion:330 Resp: 599503
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 32.9 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

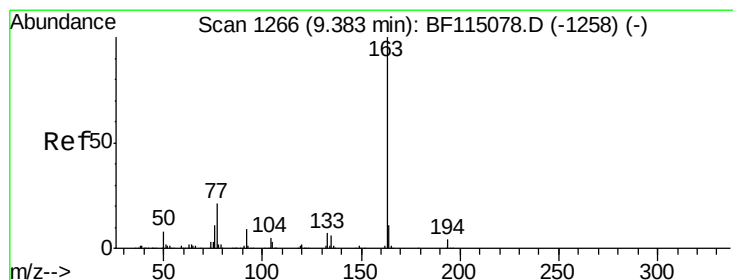
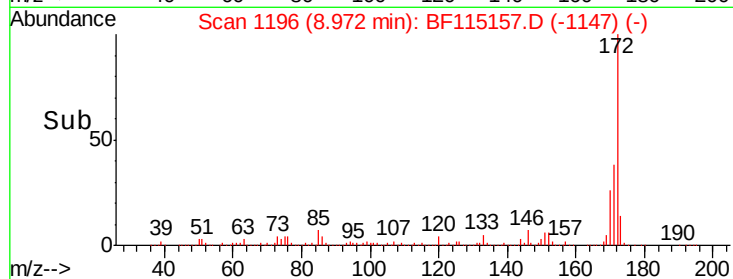
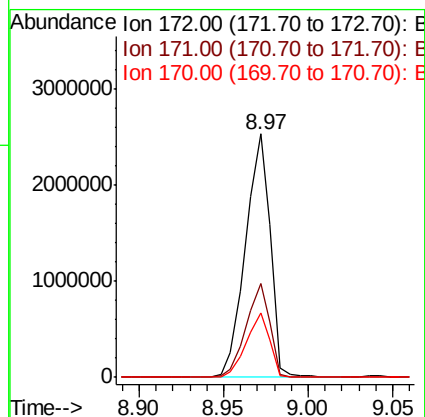
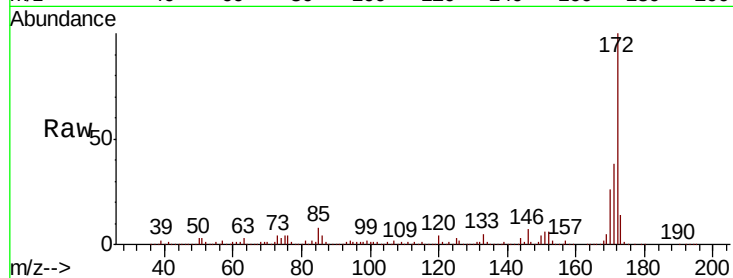




#45
2-Fluorobiphenyl
Concen: 84.572 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

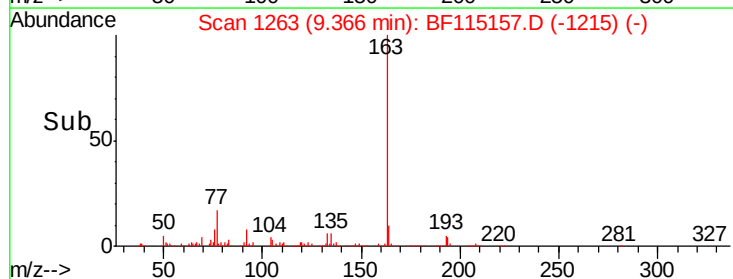
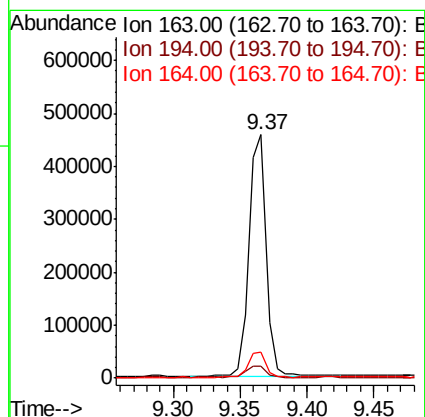
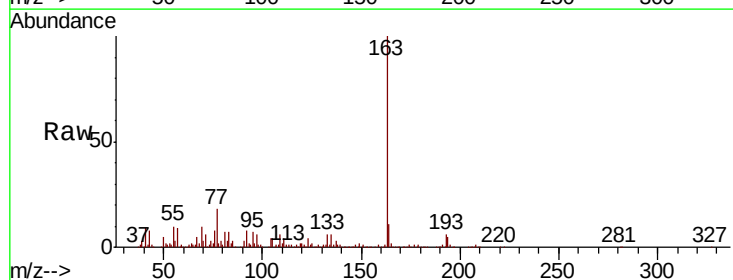
Instrument :
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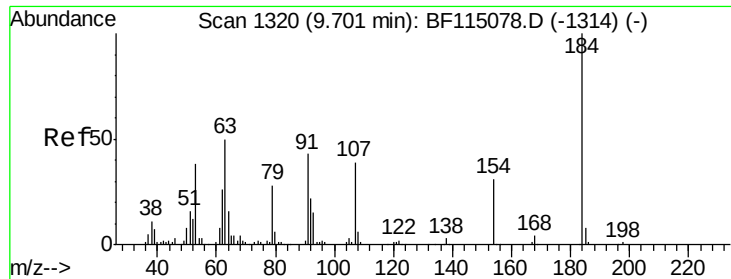
Tot Ion:172 Resp: 2607290
Ion Ratio Lower Upper
172 100
171 38.3 29.8 44.6
170 26.3 20.3 30.5



#50
Dimethylphthalate
Concen: 10.532 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Tgt Ion:163 Resp: 405766
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 10.5 8.6 13.0

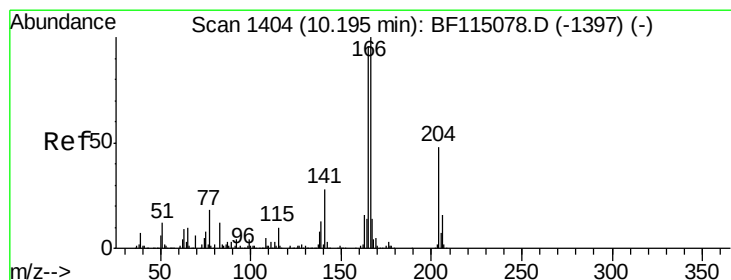
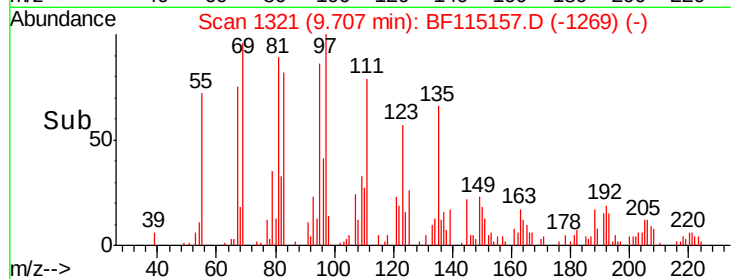
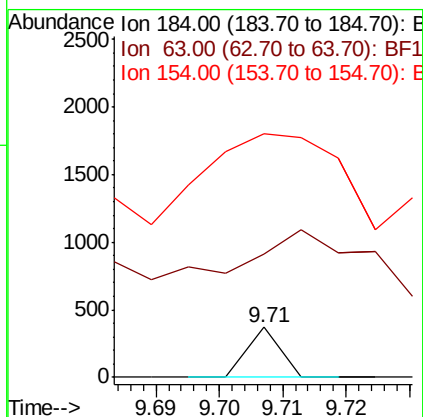
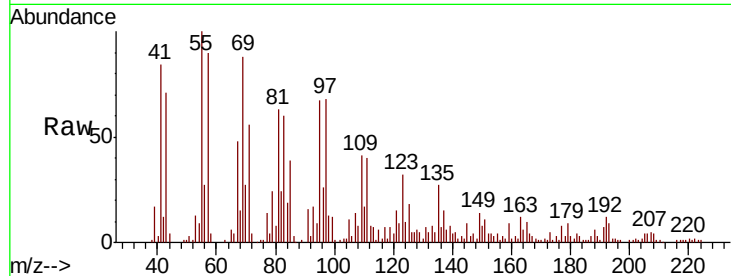




#54
 2,4-Dinitrophenol
 Concen: 7.370 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

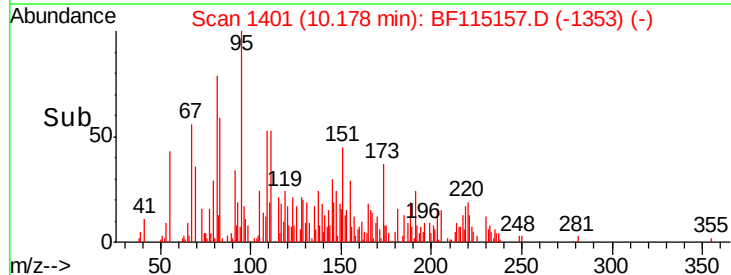
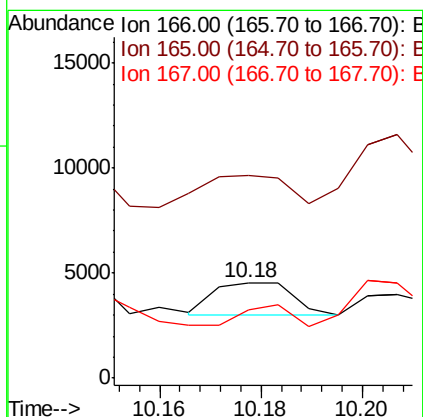
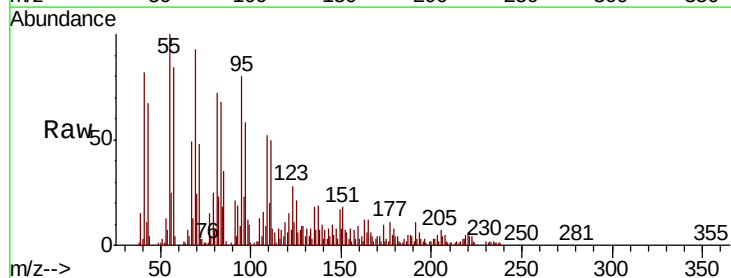
Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-2

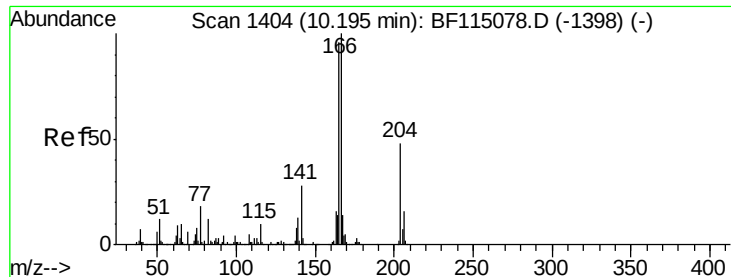
Tot Ion:184 Resp: 131
 Ion Ratio Lower Upper
 184 100
 63 246.1 41.9 62.9#
 154 485.4 44.7 67.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Tgt Ion:166 Resp: 1681
 Ion Ratio Lower Upper
 166 100
 165 212.7 76.5 114.7#
 167 71.2 11.0 16.4#





#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.20 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

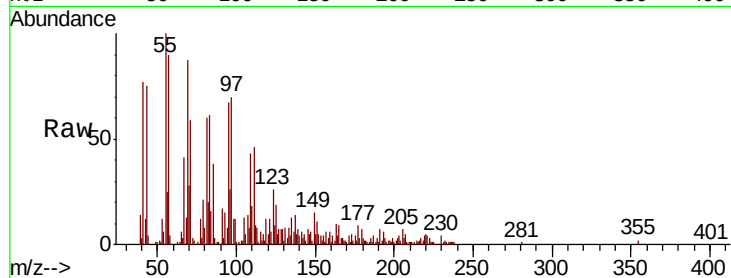
Tot Ion:204 Resp: 976

Ion Ratio Lower Upper

204 100

206 153.2 26.6 40.0#

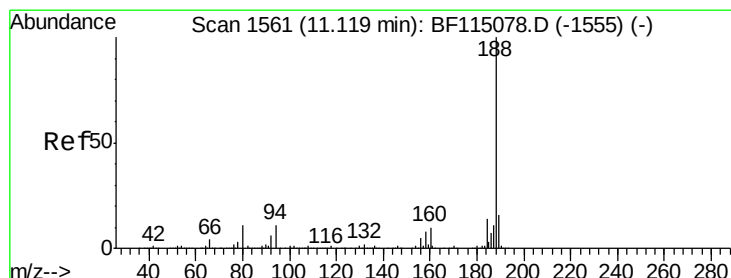
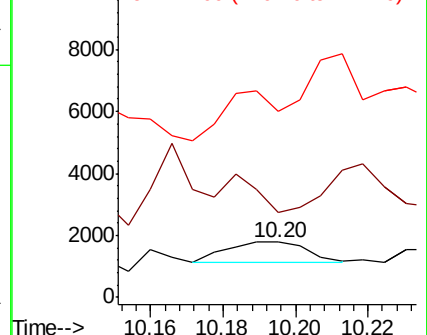
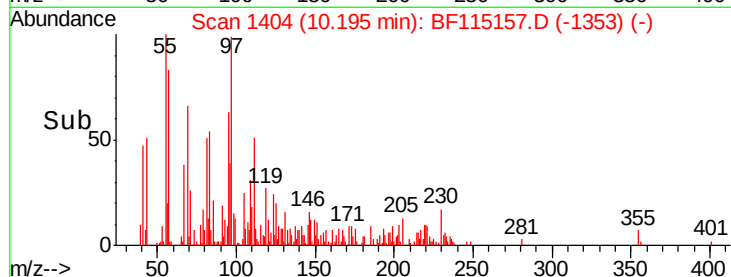
141 336.4 46.7 70.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

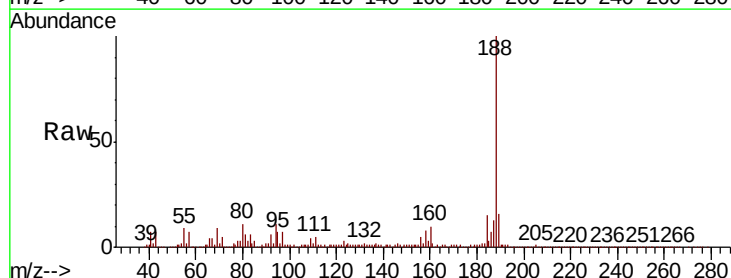
Tgt Ion:188 Resp: 1010346

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

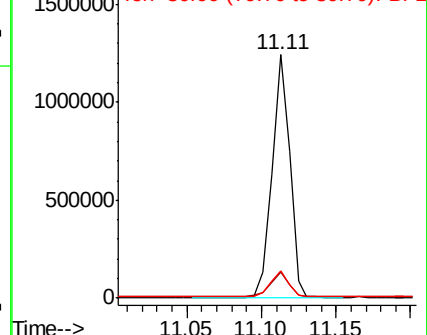
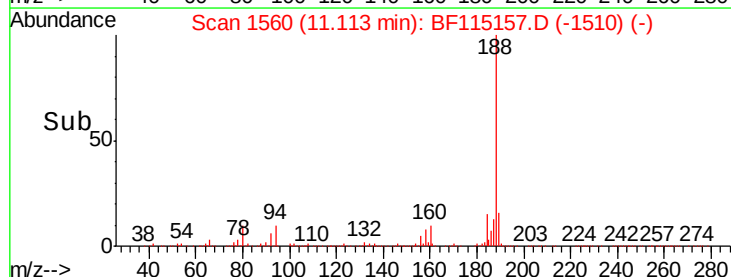
80 11.0 8.8 13.2

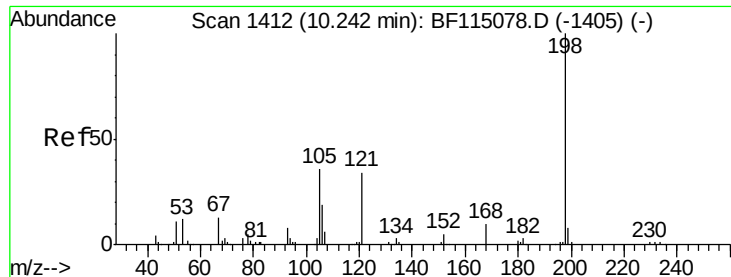


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.005 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

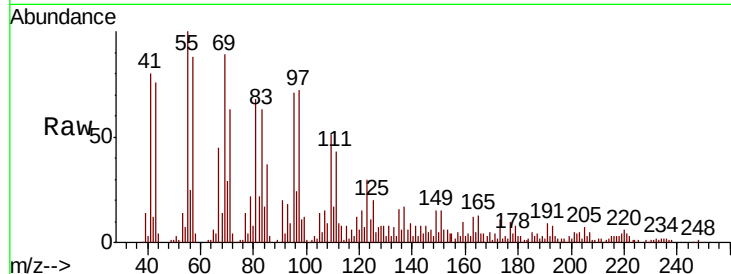
Tot Ion:198 Resp: 273

Ion Ratio Lower Upper

198 100

51 528.5 11.0 51.0#

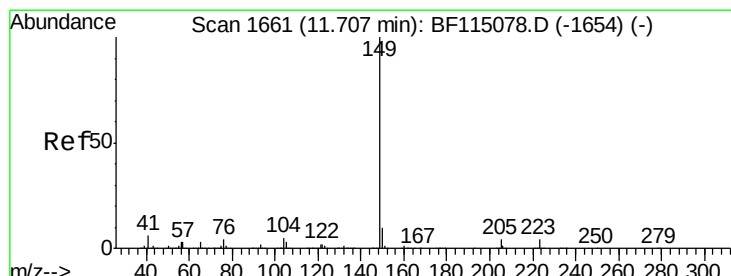
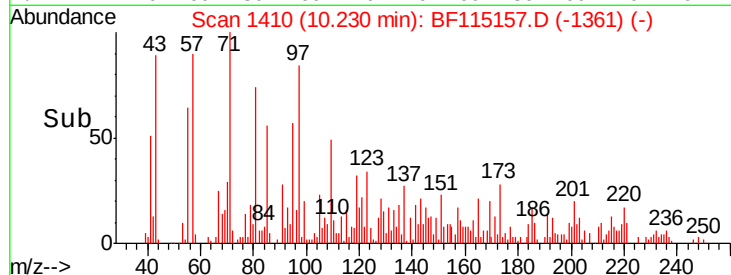
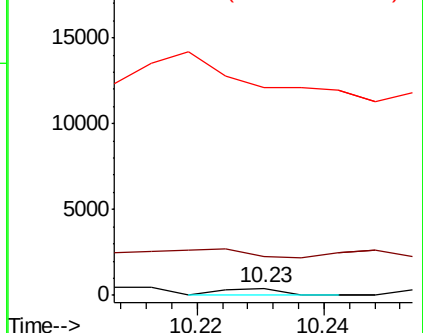
105 2840.9 17.3 57.3#



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: 3.440 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

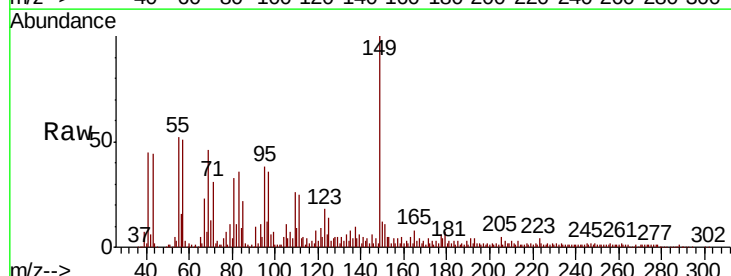
Tgt Ion:149 Resp: 194907

Ion Ratio Lower Upper

149 100

150 12.4 7.8 11.8#

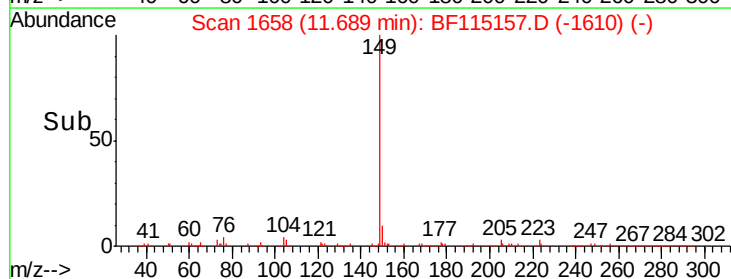
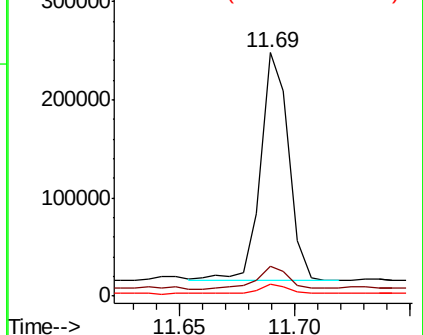
104 5.1 3.7 5.5

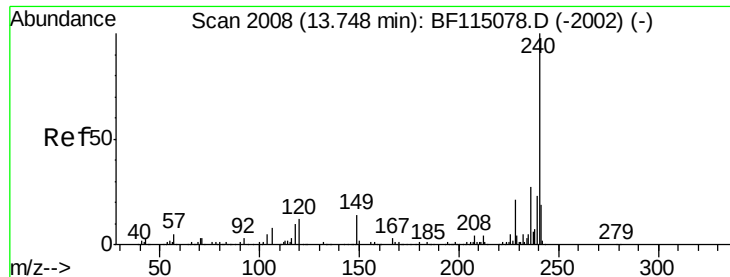


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

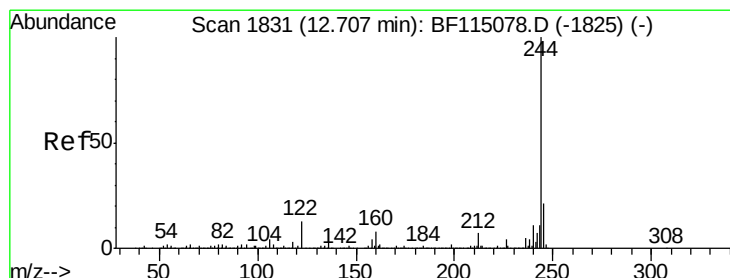
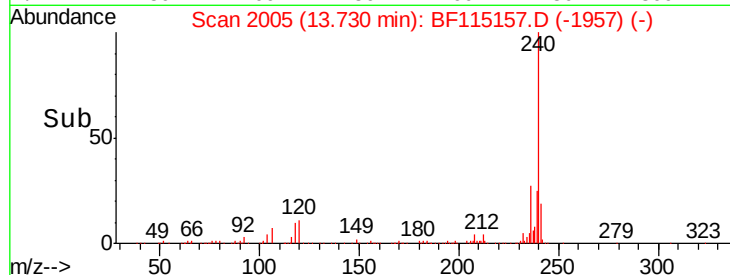
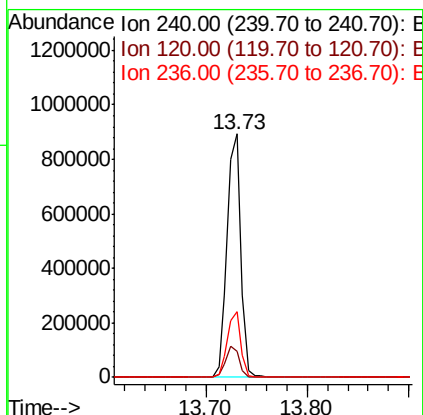
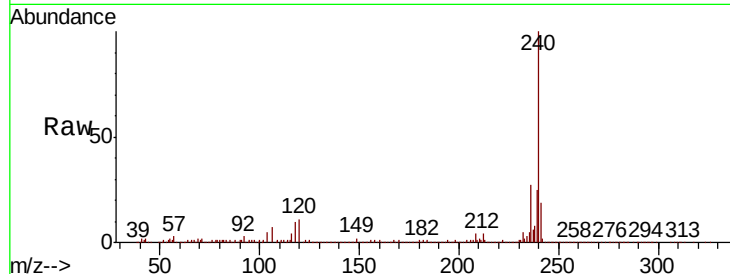




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

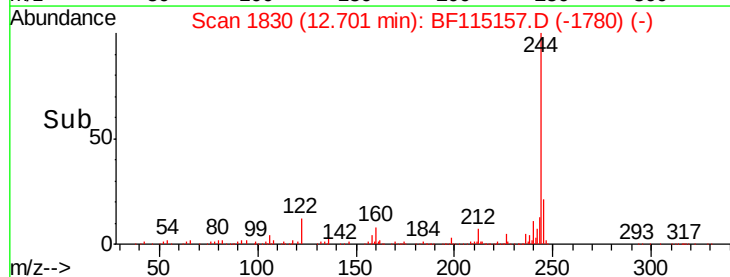
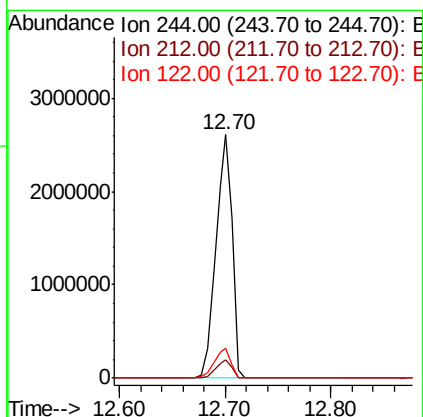
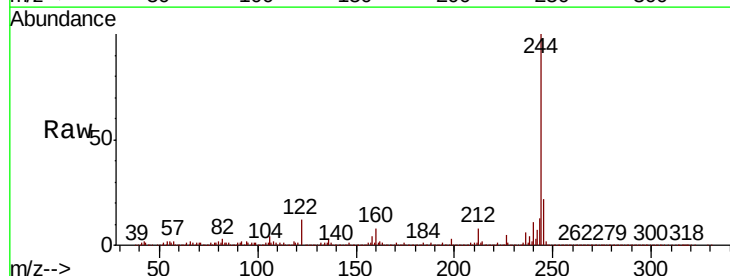
Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-2

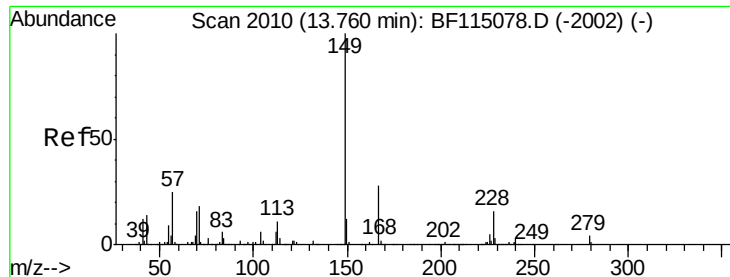
Tot Ion:240 Resp: 842075
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.4 14.2
 236 27.0 21.7 32.5



#79
 Terphenyl-d14
 Concen: 71.639 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Tgt Ion:244 Resp: 2837281
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 12.1 10.4 15.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.696 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Instrument :

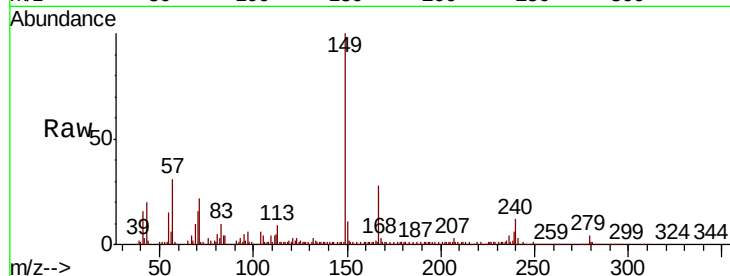
BNA_F

ClientSampleId :

DISPENSER-2

Tot Ion:149 Resp: 175748

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.9	2.9	4.3

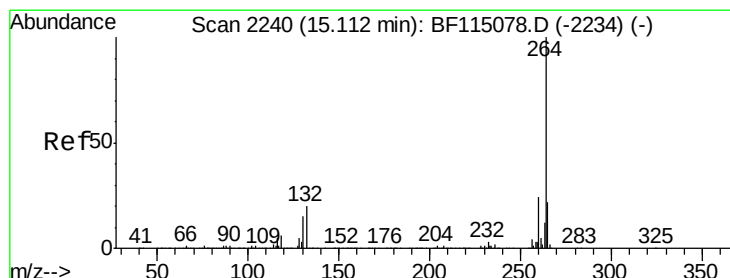
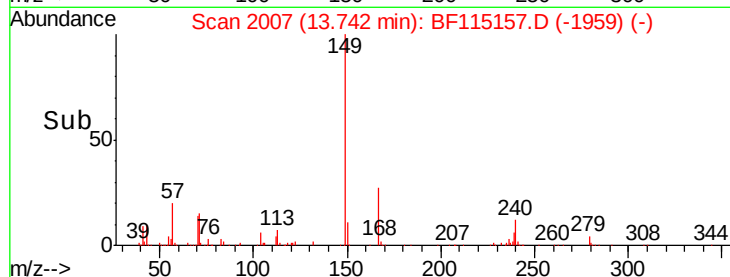
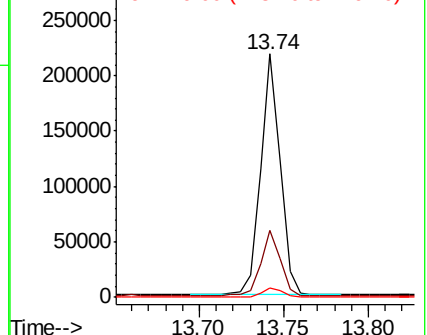


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

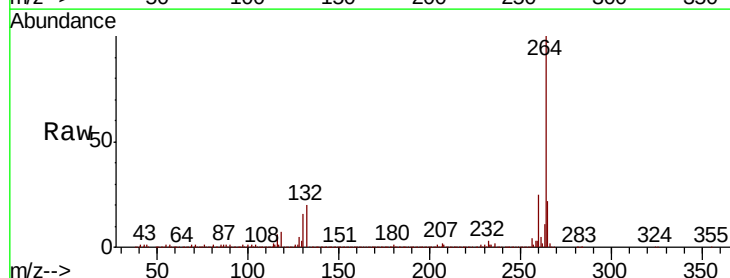
Delta R.T. -0.02 min

Lab File: BF115157.D

Acq: 24 Jun 2019 19:54

Tgt Ion:264 Resp: 725926

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	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

