

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 08:17:13 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

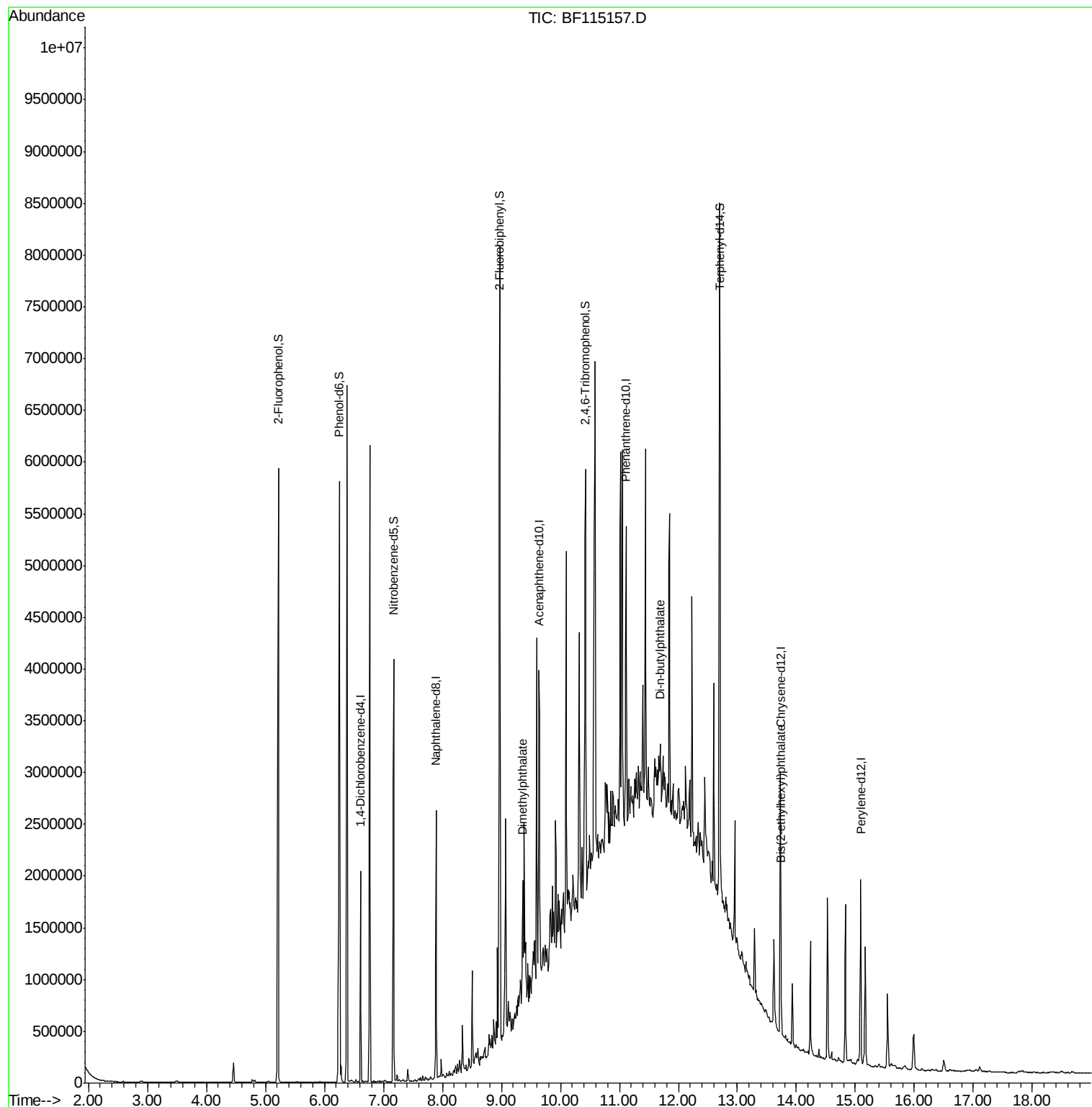
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	292746	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1085380	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	523670	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1010346	20.00	ng	0.00
76) Chrysene-d12	13.73	240	842075	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						
50) Dimethylphthalate	9.37	163	405766	10.532	ng	# 99
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

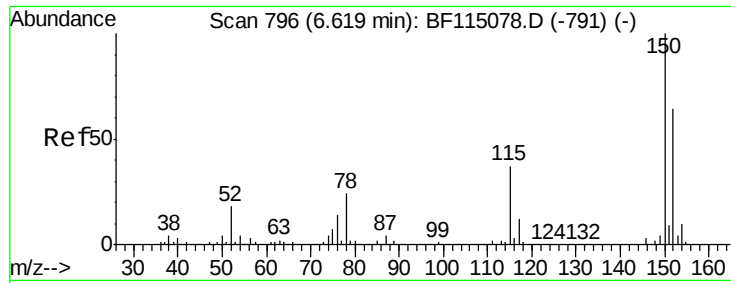
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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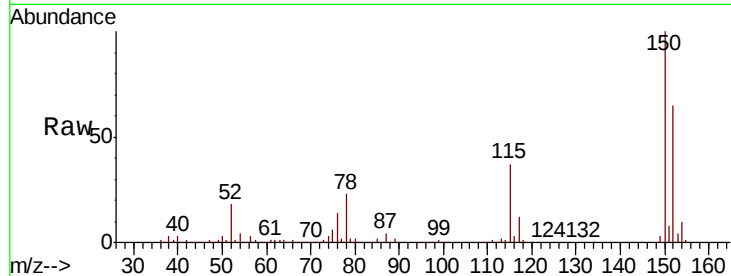


#1

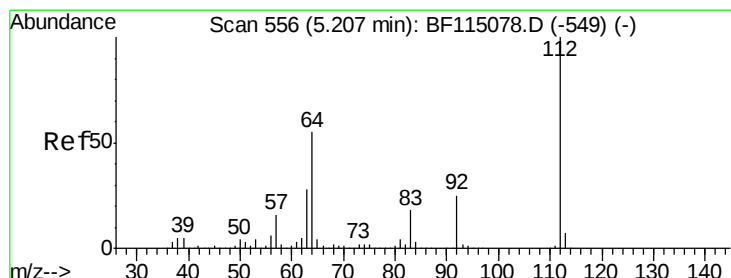
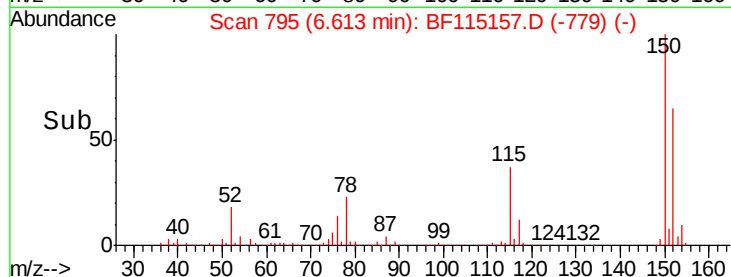
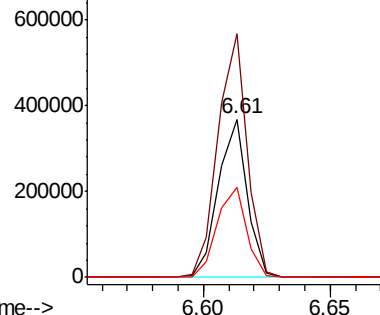
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

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



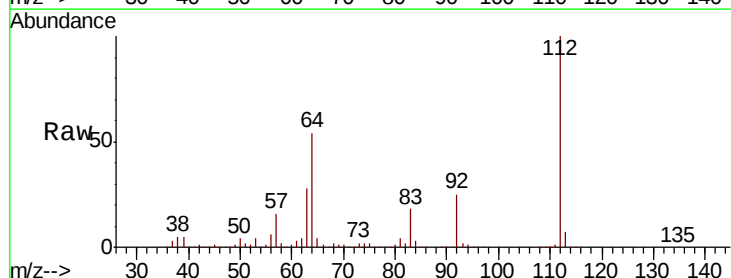
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



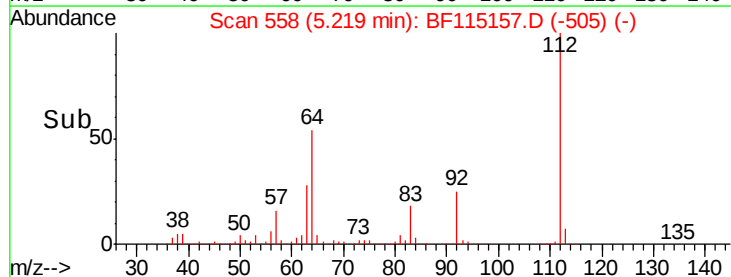
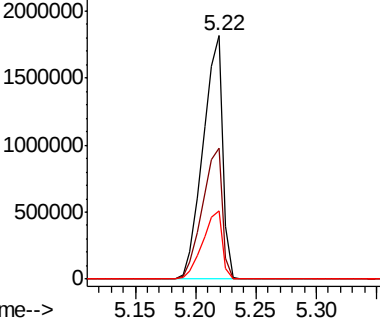
#5

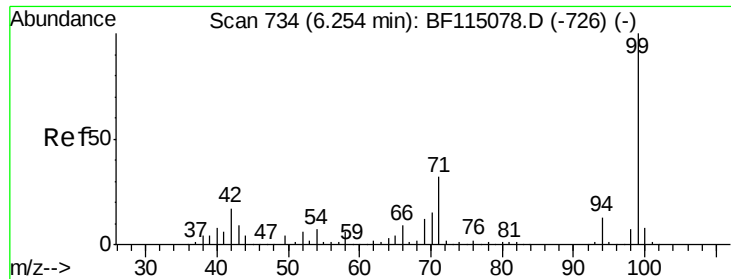
2-Fluorophenol
Concen: 108.365 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

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

ClientSampled :

DISPENSER-2

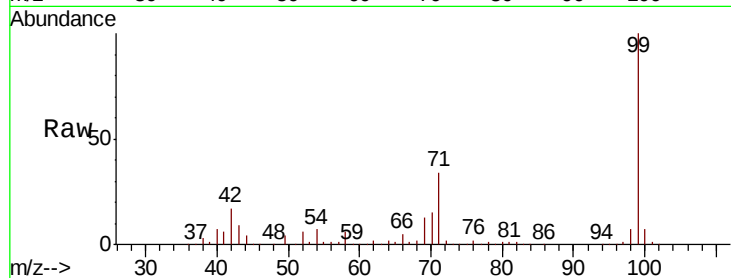
Tot Ion: 99 Resp: 2618220

Ion Ratio Lower Upper

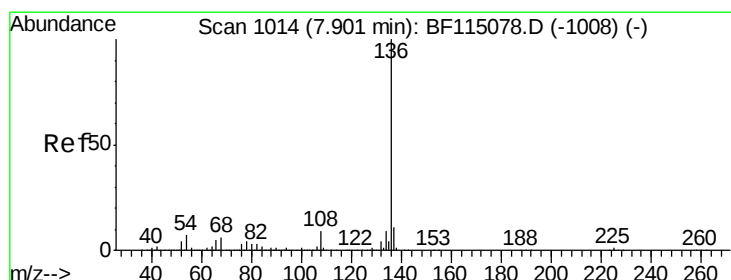
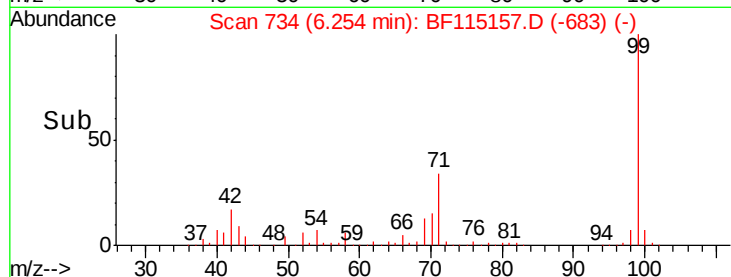
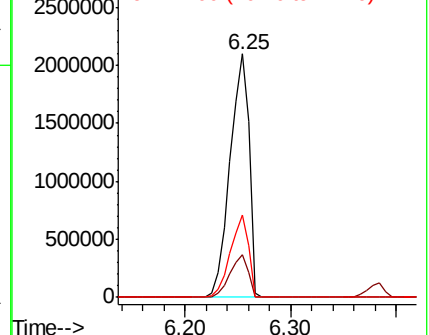
99 100

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



#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

Tgt Ion:136 Resp: 1085380

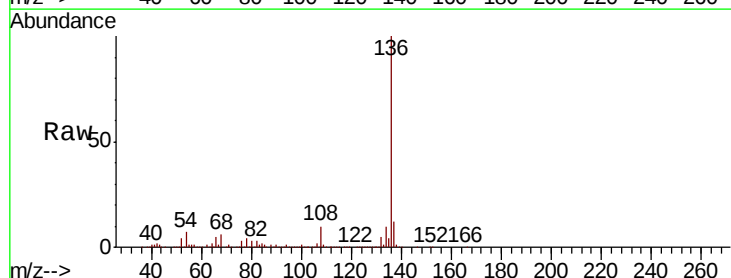
Ion Ratio Lower Upper

136 100

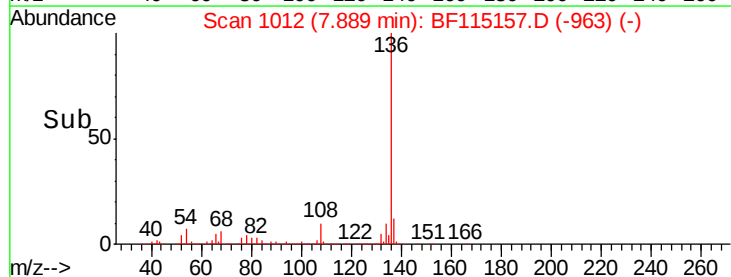
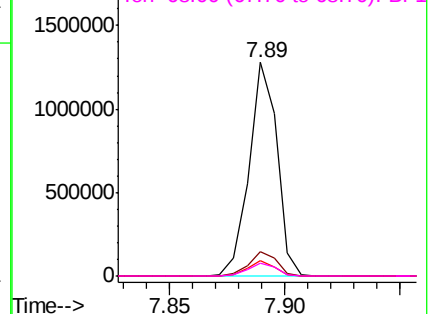
137 11.6 8.9 13.3

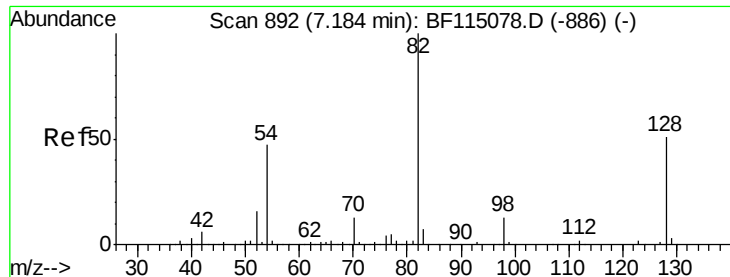
54 7.3 5.6 8.4

68 6.2 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
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

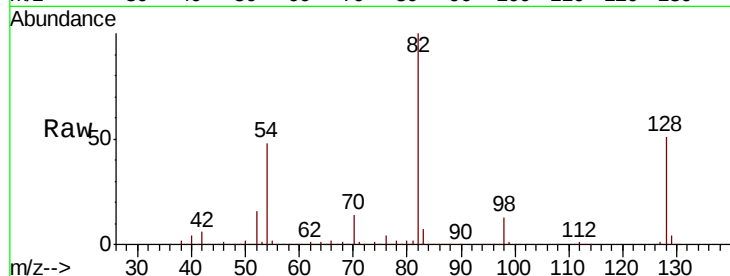




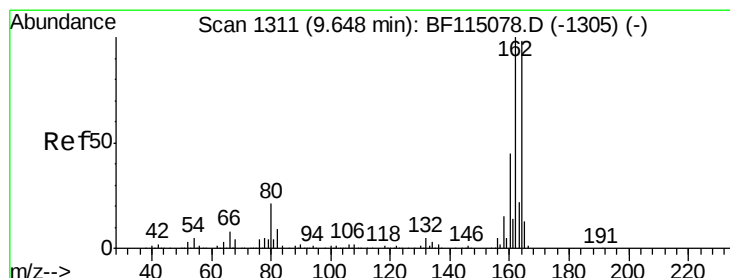
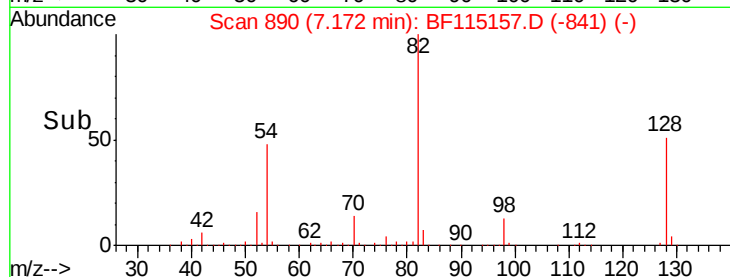
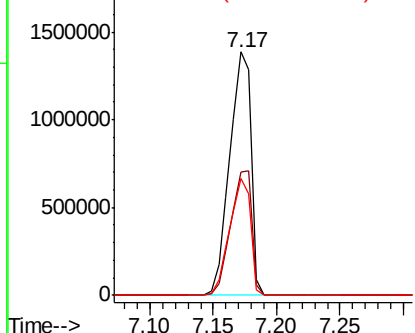
#23
 Nitrobenzene-d5
 Concen: 90.805 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-2

Tot Ion: 82 Resp: 1602171
 Ion Ratio Lower Upper
 82 100
 128 50.6 40.4 60.6
 54 48.0 37.5 56.3

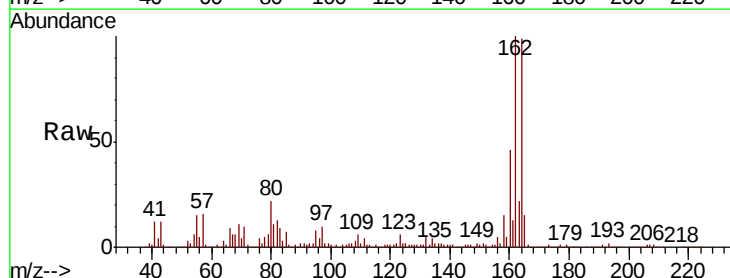


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

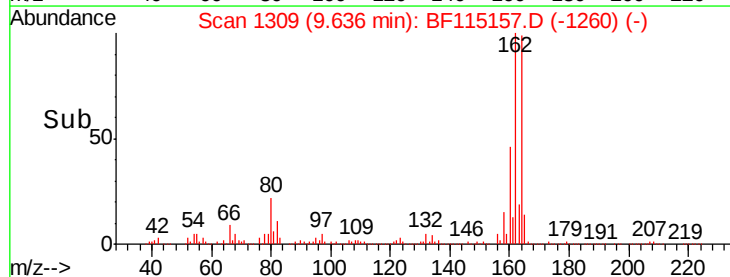
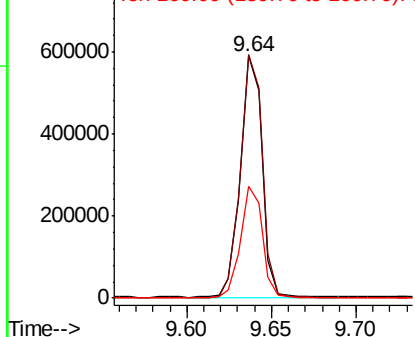


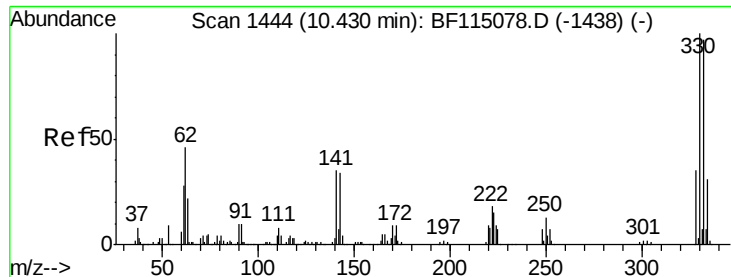
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Tgt 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

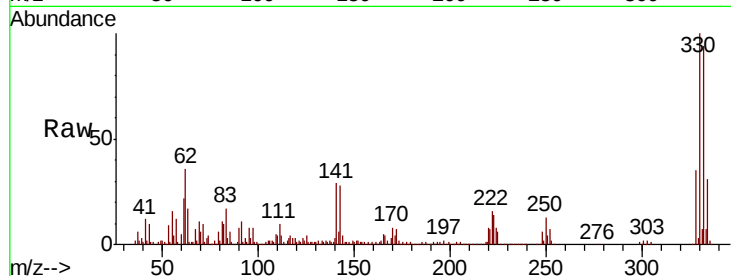




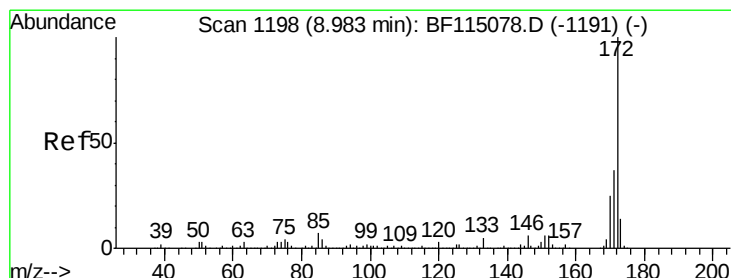
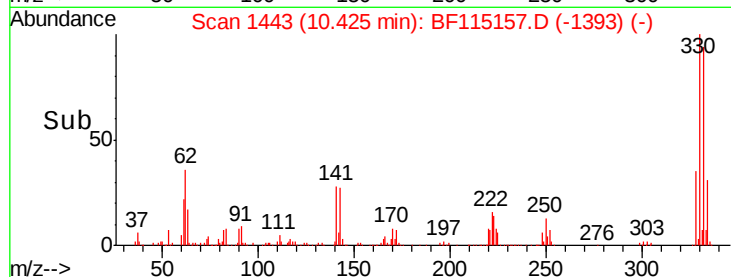
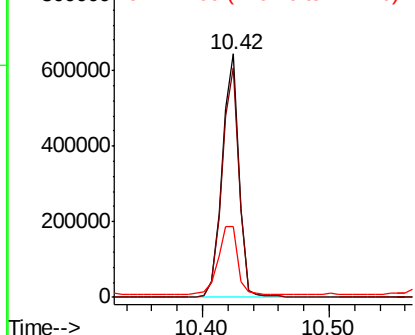
#42
 2,4,6-Tribromophenol
 Concen: 108.561 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Instrument :
 BNA_F
 ClientSampleId :
 DISPENSER-2

Tot Ion:330 Resp: 599503
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.9 28.2 42.2

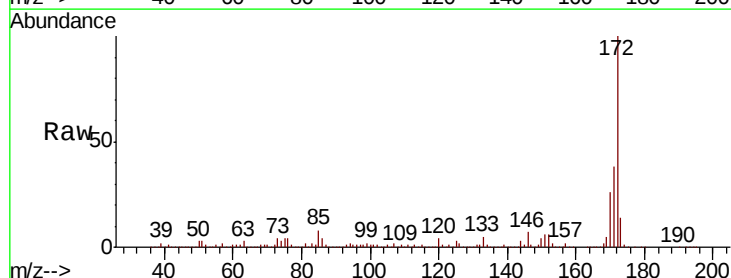


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

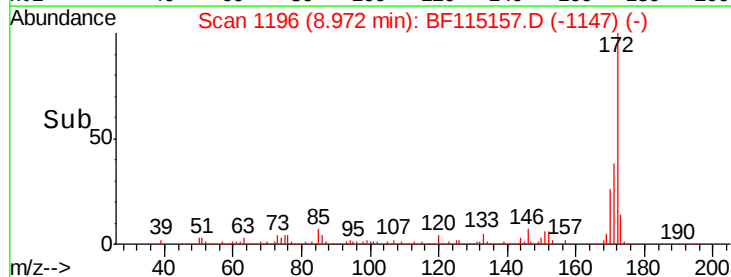
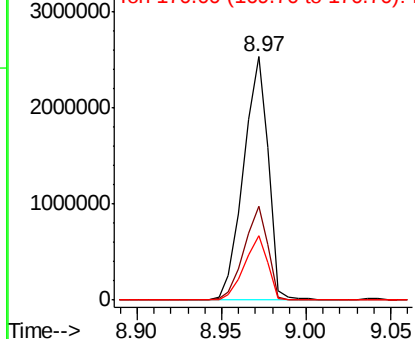


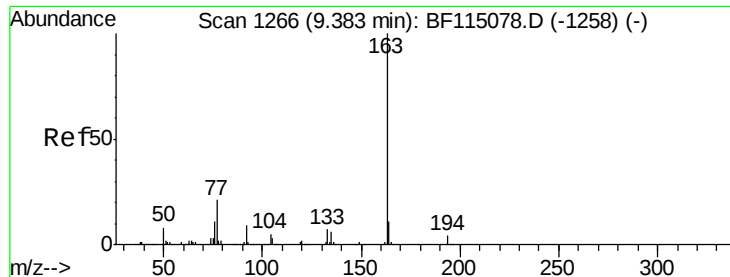
#45
 2-Fluorobiphenyl
 Concen: 84.572 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115157.D
 Acq: 24 Jun 2019 19:54

Tgt Ion:172 Resp: 2607290
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.8 44.6
 170 26.3 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

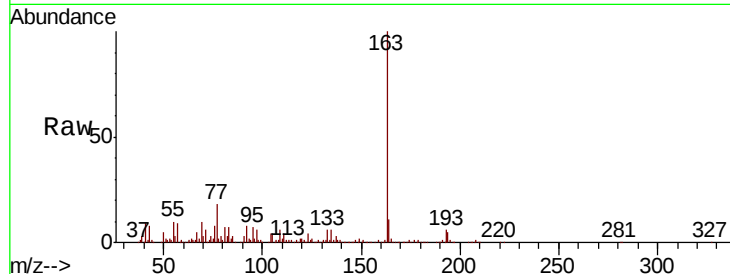




#50
Dimethylphthalate
Concen: 10.532 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF115157.D
Acq: 24 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
DISPENSER-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.5	8.6	13.0

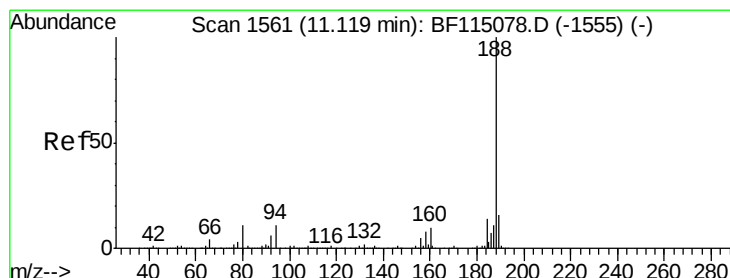
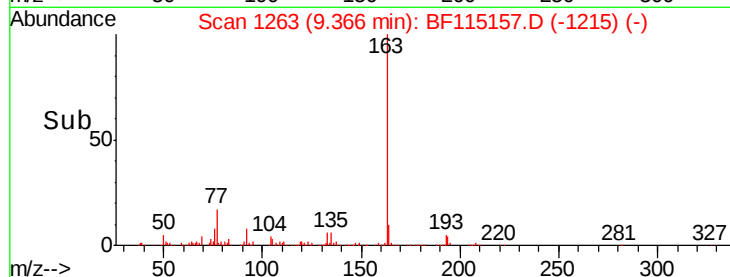
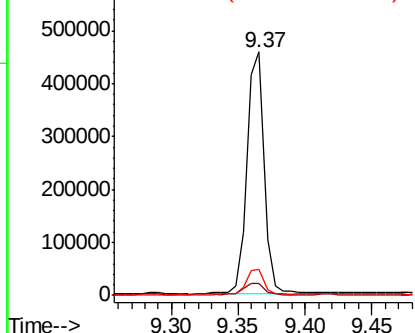


Abundance

Ion 163.00 (162.70 to 163.70): E

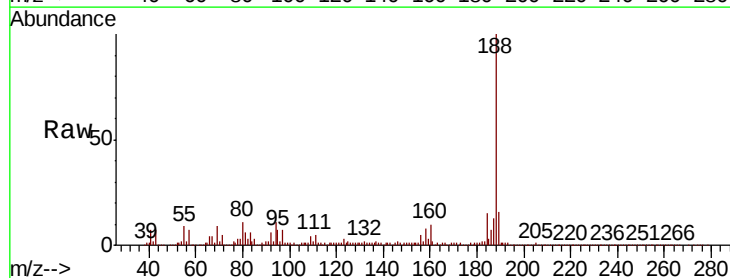
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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	Ratio	Lower	Upper
188	100		
94	10.6	8.6	12.8
80	11.0	8.8	13.2

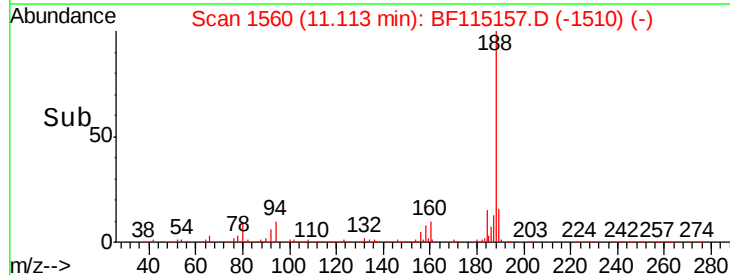
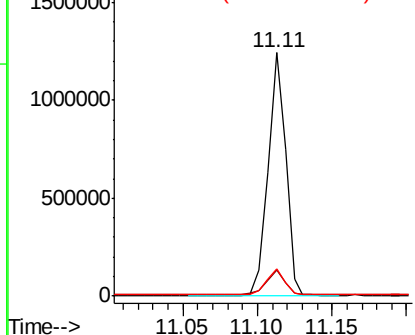


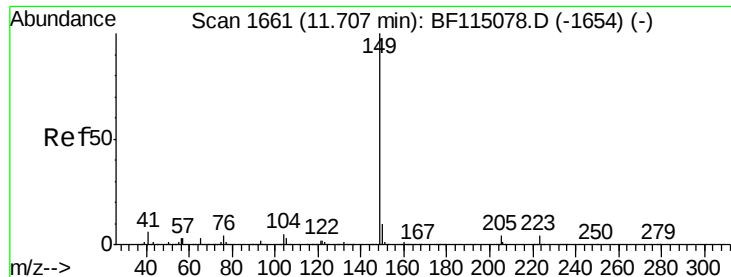
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

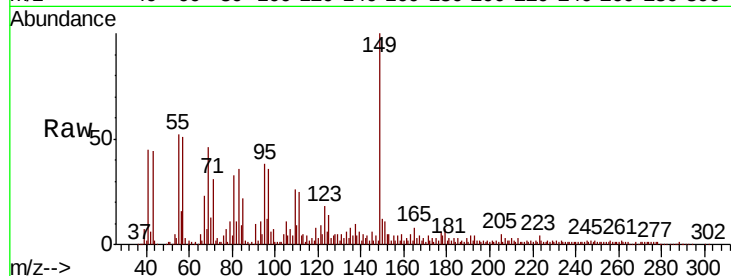
Tot Ion:149 Resp: 194907

Ion Ratio Lower Upper

149 100

150 12.4 7.8 11.8#

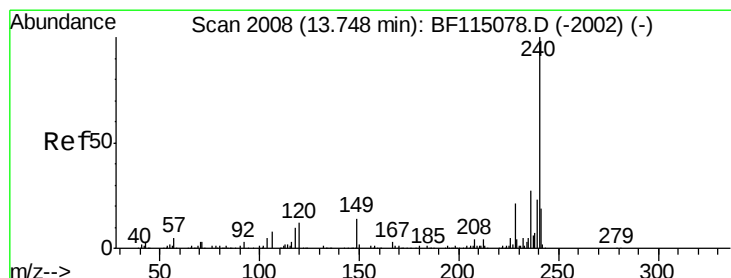
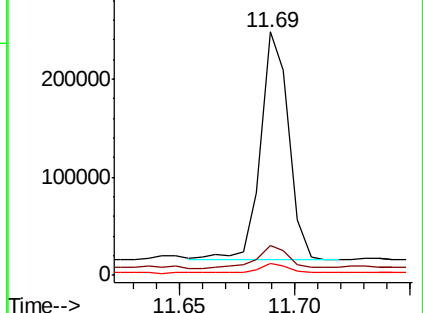
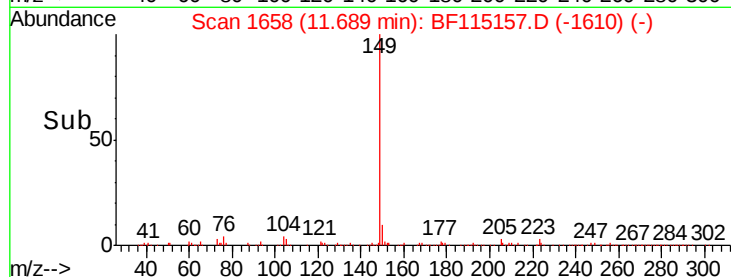
104 5.1 3.7 5.5



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

Chrysene-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

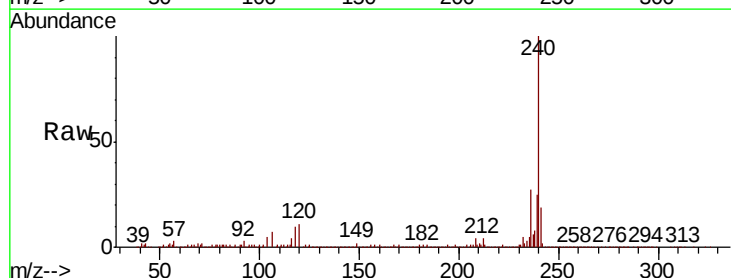
Tgt Ion:240 Resp: 842075

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

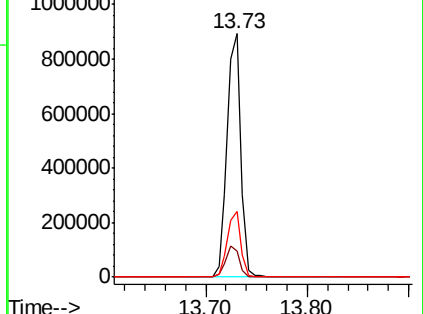
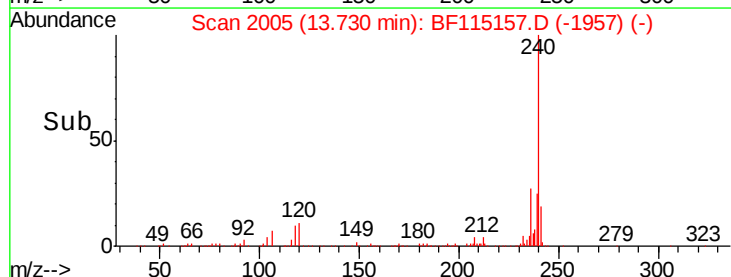
236 27.0 21.7 32.5

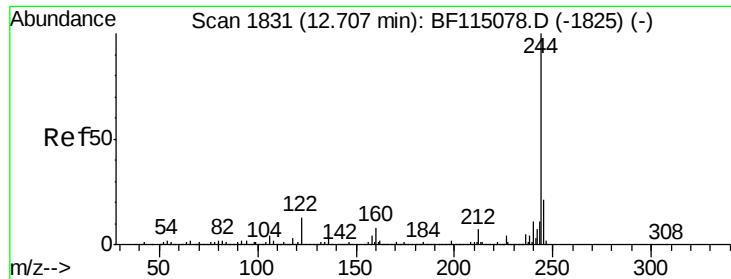


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

DISPENSER-2

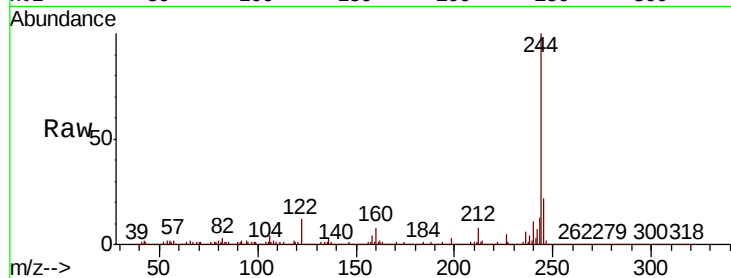
Tot Ion:244 Resp: 2837281

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

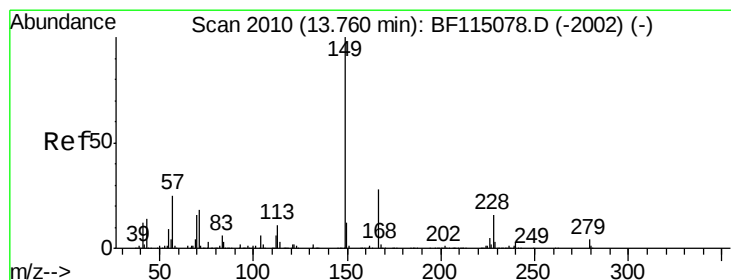
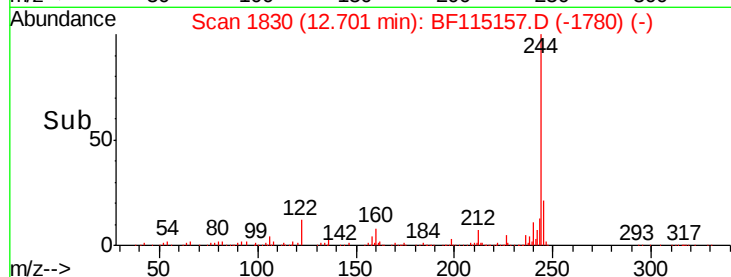
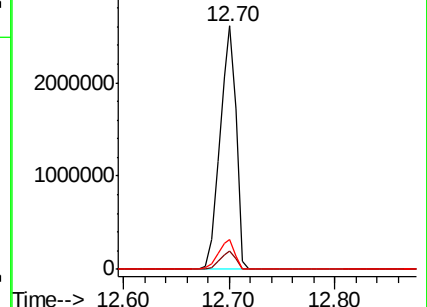
122 12.1 10.4 15.6



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: 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

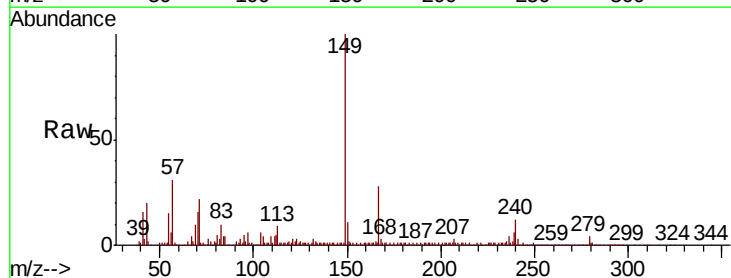
Tgt Ion:149 Resp: 175748

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

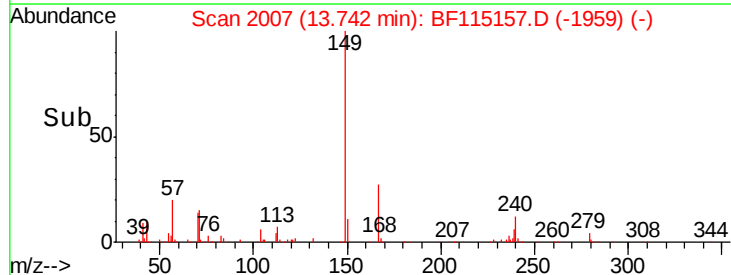
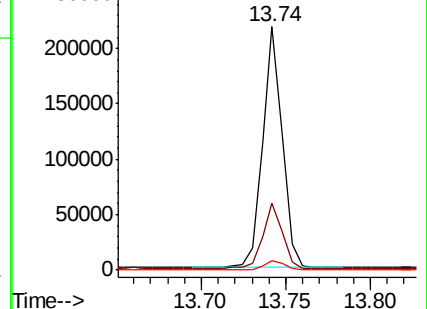
279 3.9 2.9 4.3

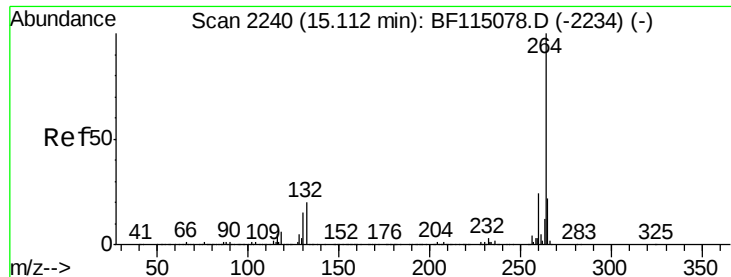


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
DISPENSER-2

Tot Ion:	264	Resp:	725926
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	17.3	25.9

