

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092551.D
 Acq On : 27 Jan 2017 3:21
 Operator : SJ/MA
 Sample : I1452-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Quant Time: Jan 27 06:23:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

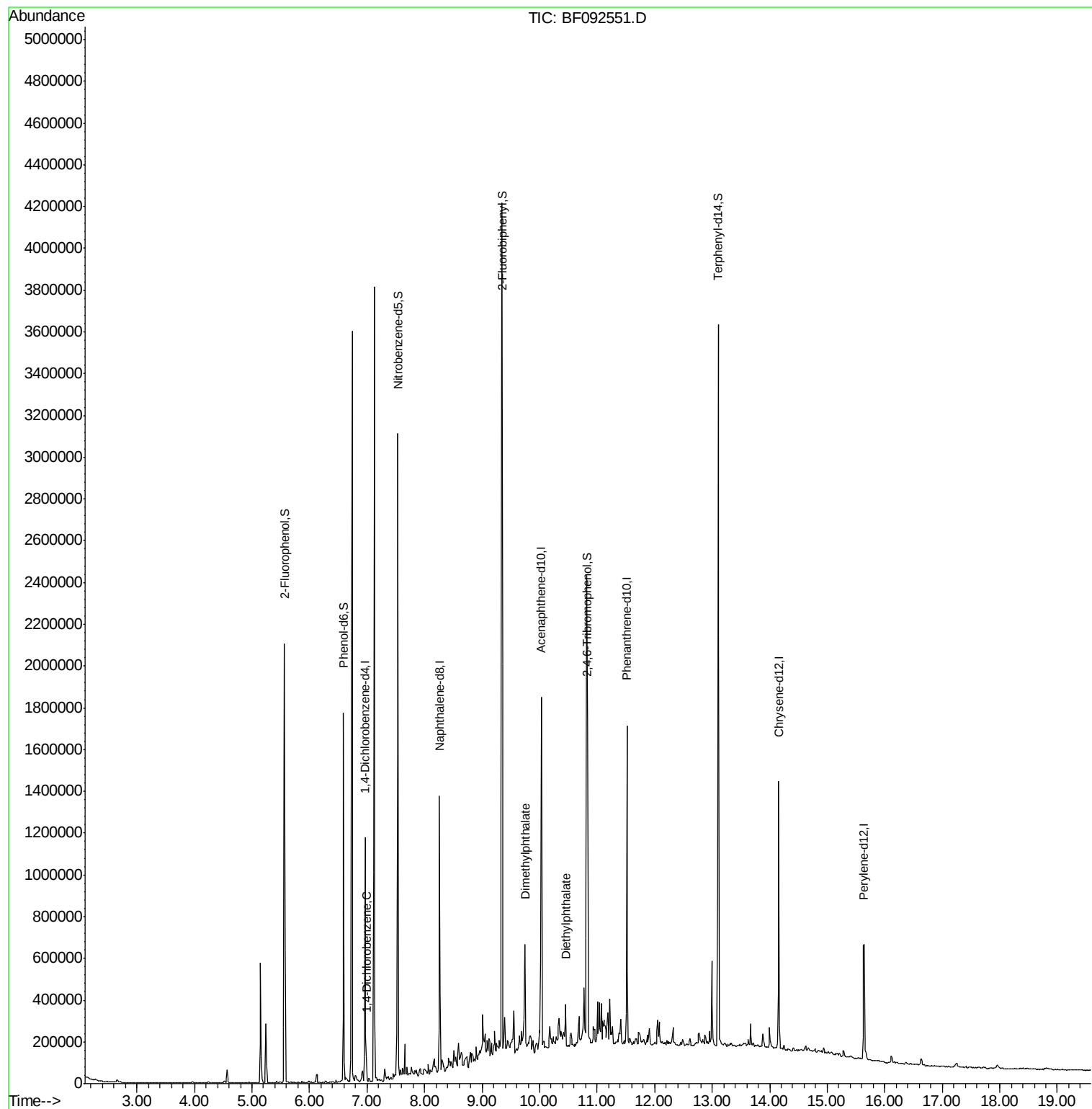
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154573	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	598181	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	352753	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	555372	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	433637	20.00	ng	-0.01
86) Perylene-d12	15.64	264	319902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	572766	57.65	ng	0.01
7) Phenol-d6	6.59	99	507570	40.11	ng	0.00
23) Nitrobenzene-d5	7.54	82	1137967	103.92	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	369411	153.67	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1699103	89.07	ng	-0.01
78) Terphenyl-d14	13.11	244	1370058	84.13	ng	-0.01
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	6.99	146	32456	2.61	ng	93
49) Dimethylphthalate	9.74	163	209439	9.34	ng	99
59) Diethylphthalate	10.45	149	87648	4.07	ng	97

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

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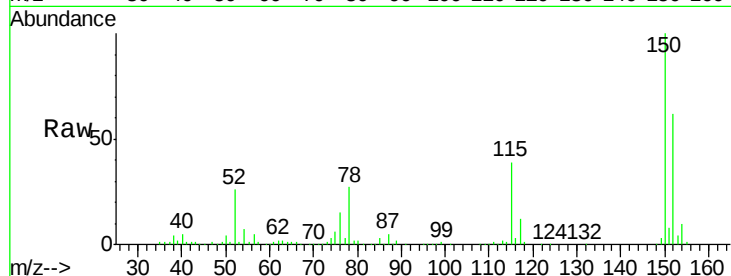


#1

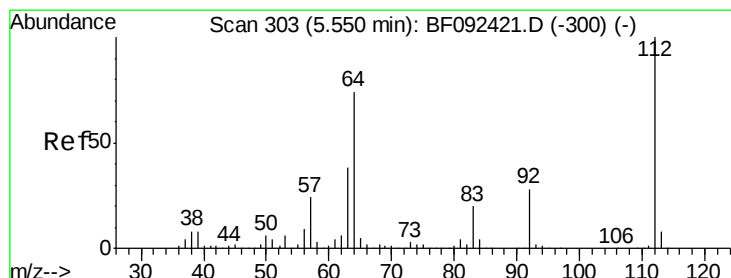
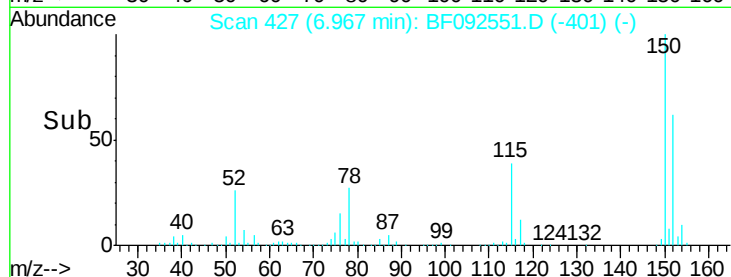
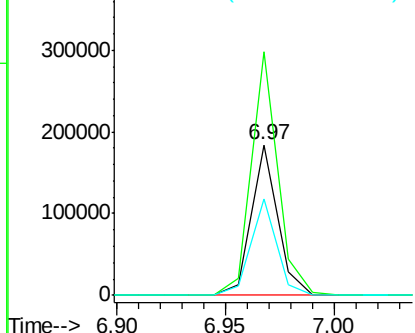
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 154573
Ion Ratio Lower Upper
152 100
150 161.4 124.9 187.3
115 63.8 46.0 69.0



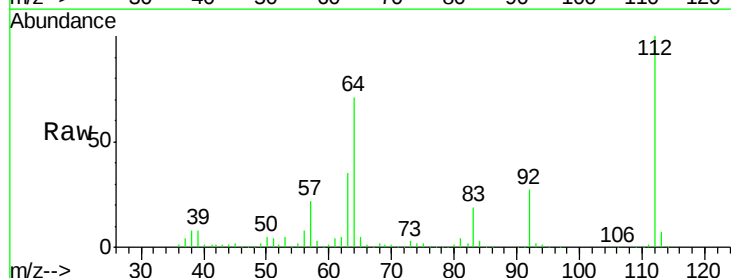
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



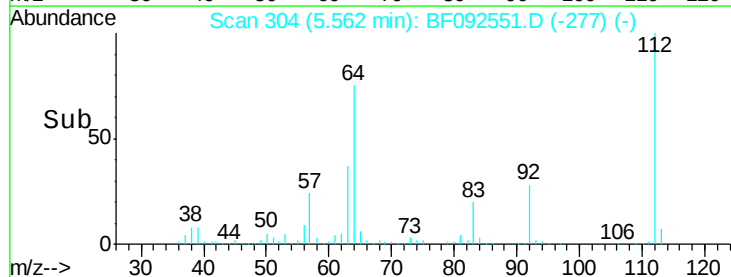
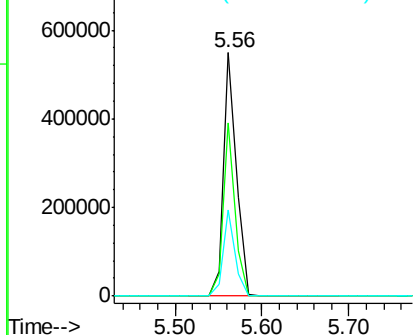
#5

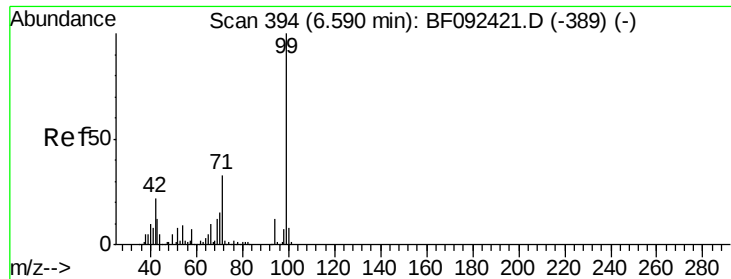
2-Fluorophenol
Concen: 57.65 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:112 Resp: 572766
Ion Ratio Lower Upper
112 100
64 70.9 46.1 69.1#
63 35.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.11 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

Instrument :

BNA_F

ClientSampleId :

W-43

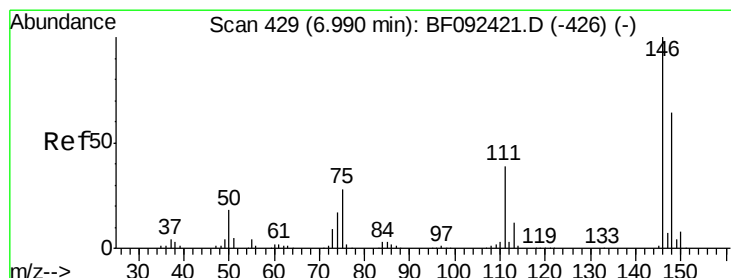
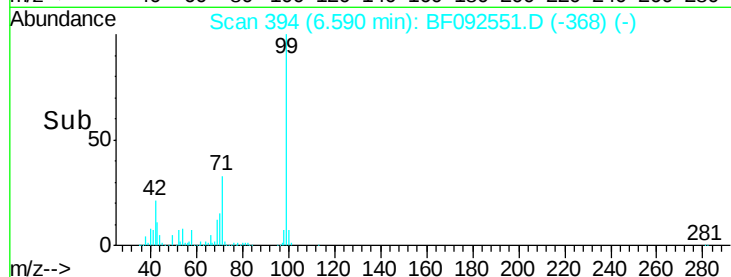
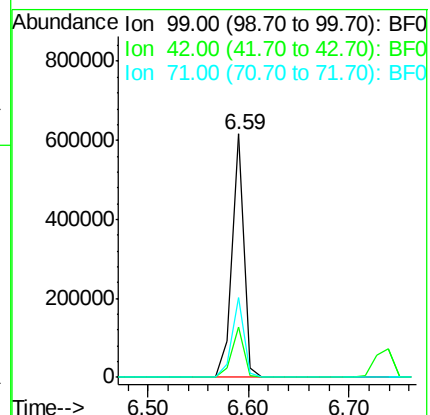
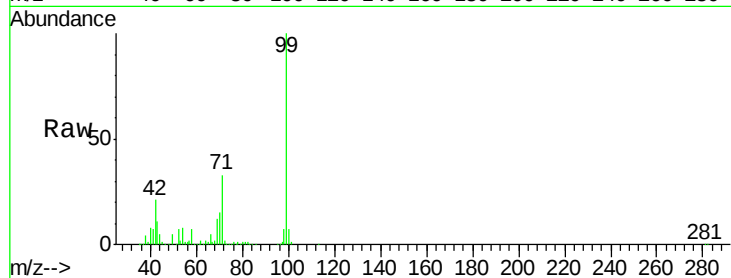
Tgt Ion: 99 Resp: 507570

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 32.7 27.5 41.3



#13

1,4-Dichlorobenzene

Concen: 2.61 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

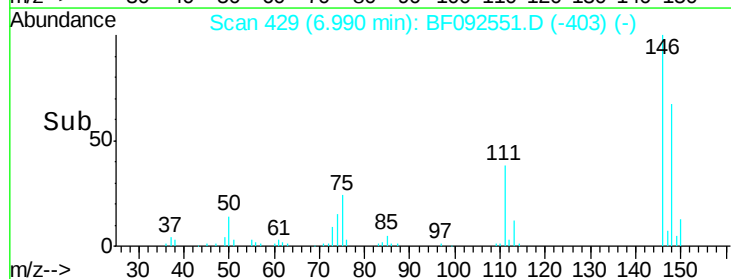
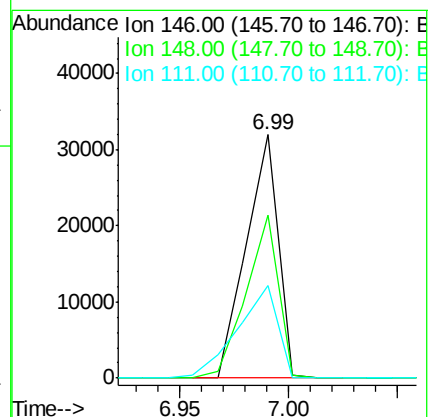
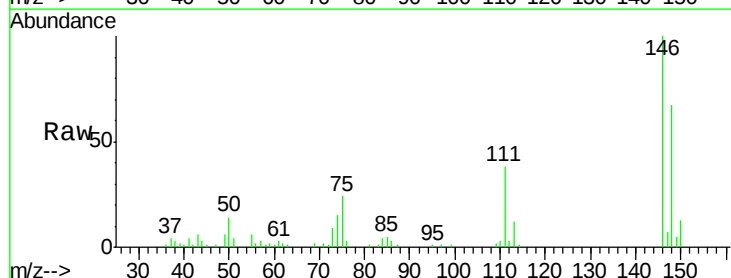
Tgt Ion: 146 Resp: 32456

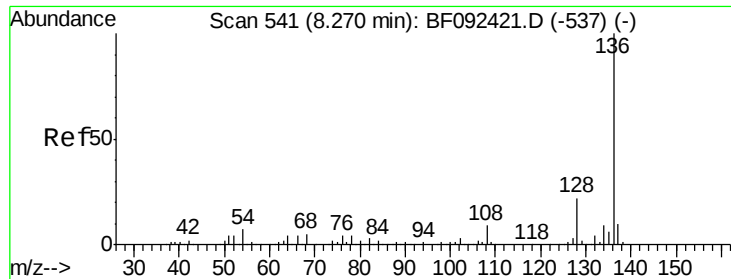
Ion Ratio Lower Upper

146 100

148 66.8 50.6 76.0

111 37.9 36.2 54.4

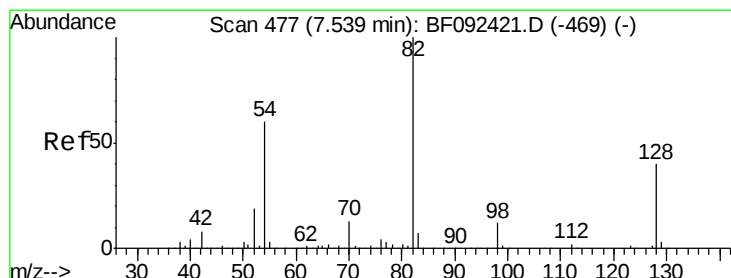
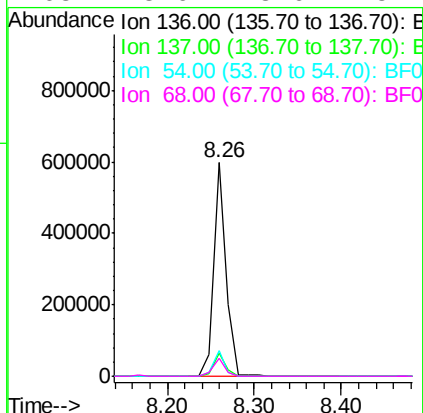
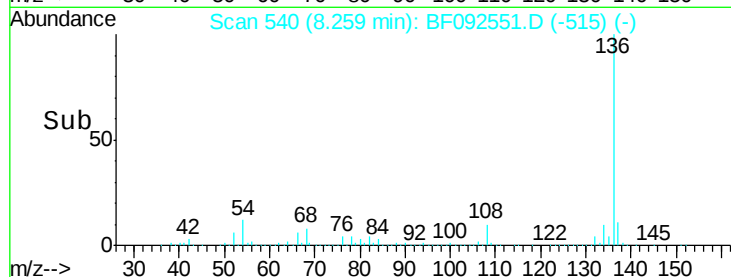
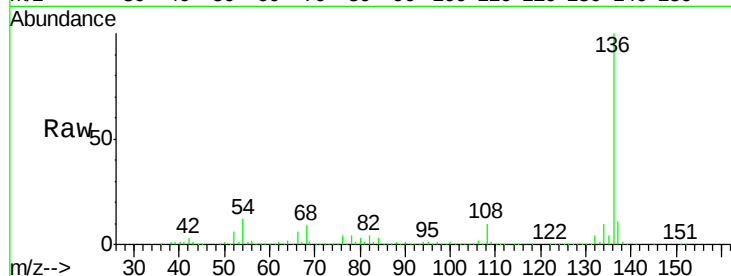




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

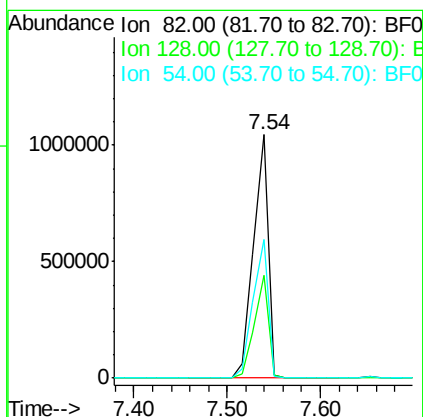
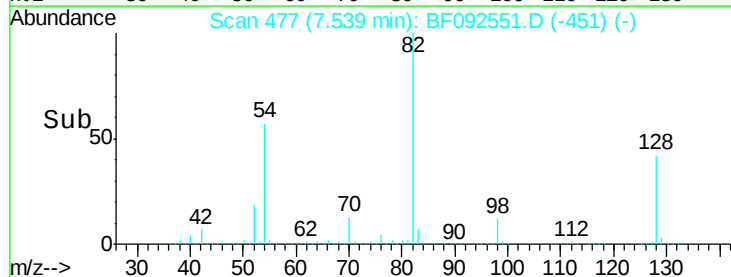
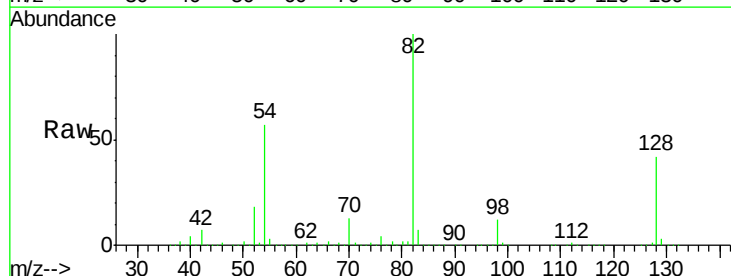
Instrument :
BNA_F
ClientSampleId :
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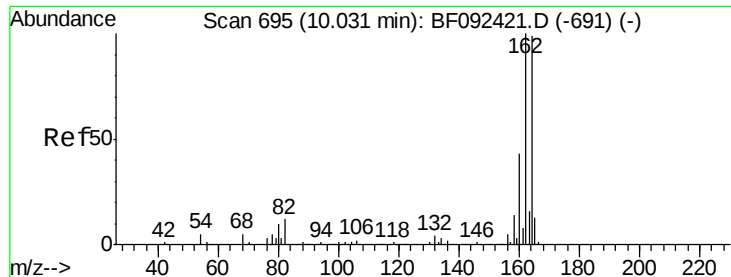
Tgt Ion:	136	Resp:	598181
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	12.1	4.5	6.7#
68	8.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 103.92 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:	82	Resp:	1137967
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.9	39.5	59.3

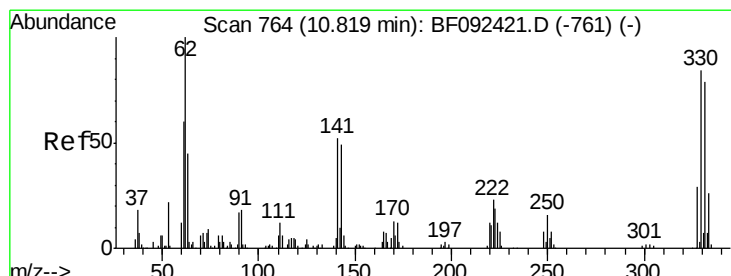
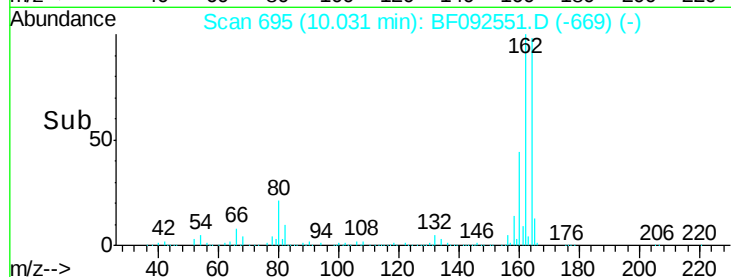
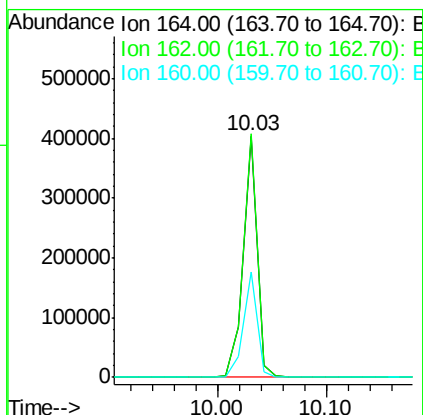
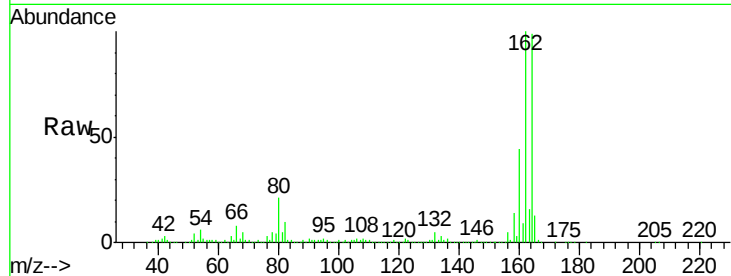




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

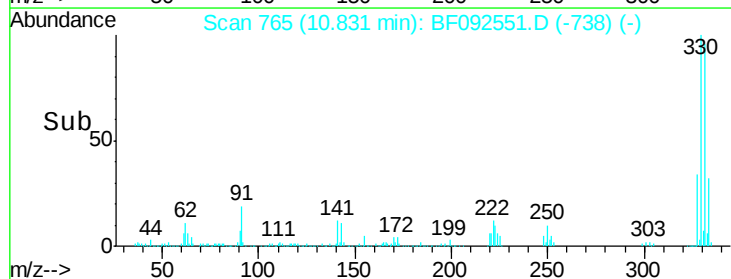
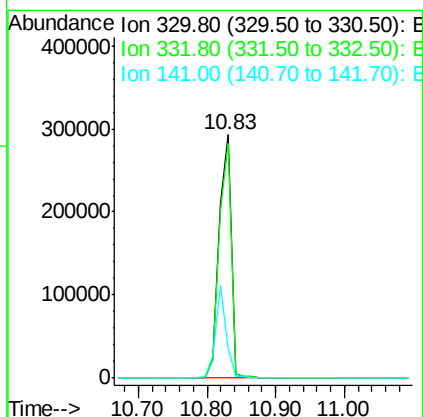
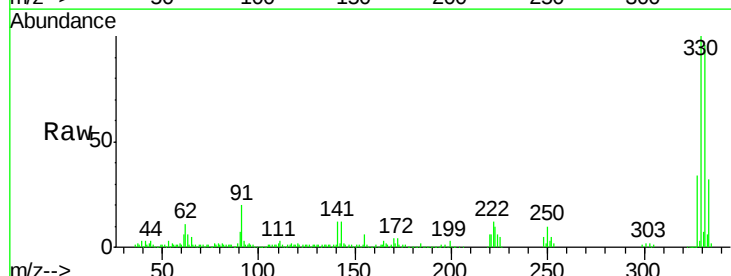
Instrument :
BNA_F
ClientSampleId :
W-43

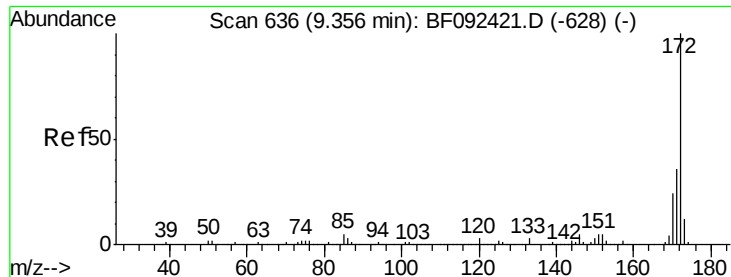
Tgt Ion:164 Resp: 352753
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 43.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 153.67 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:330 Resp: 369411
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 32.8 34.1 51.1#

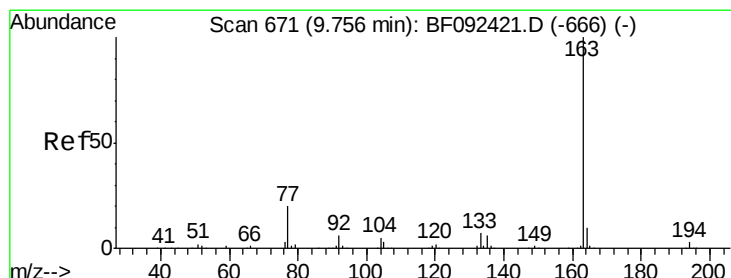
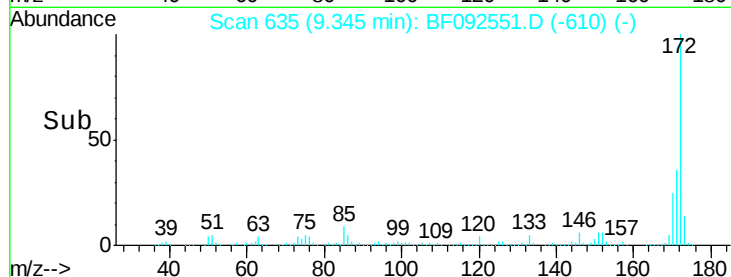
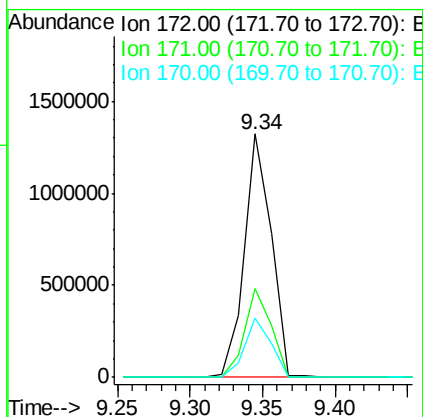
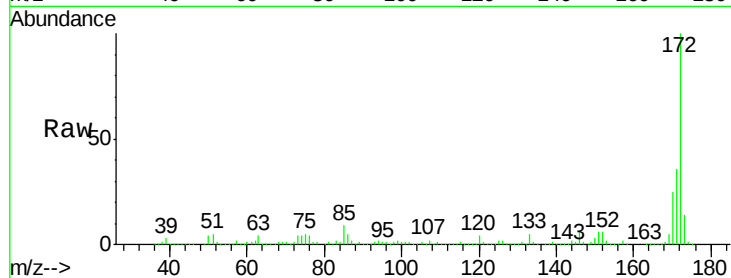




#44
2-Fluorobiphenyl
Concen: 89.07 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

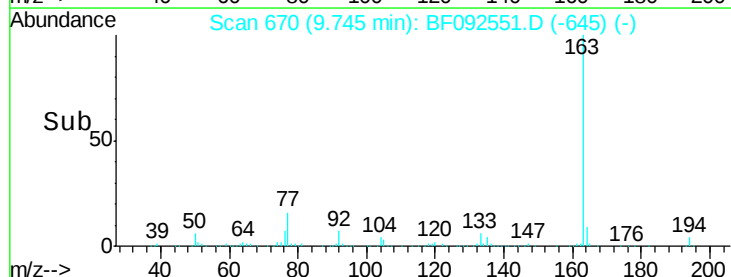
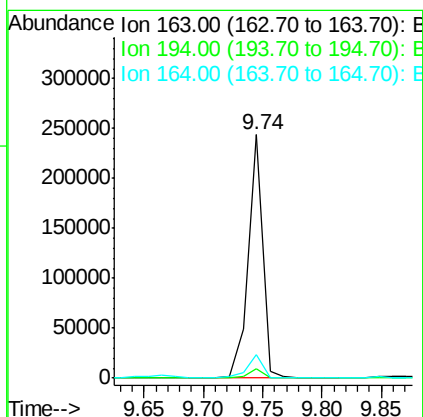
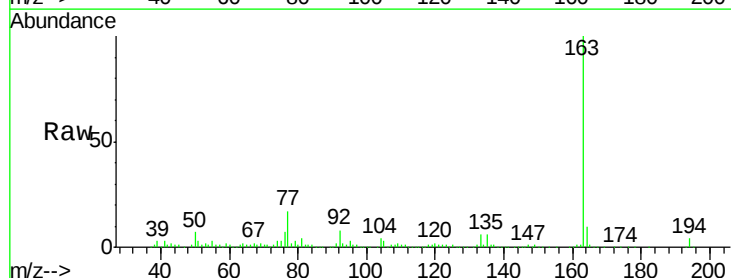
Instrument :
BNA_F
ClientSampleId :
W-43

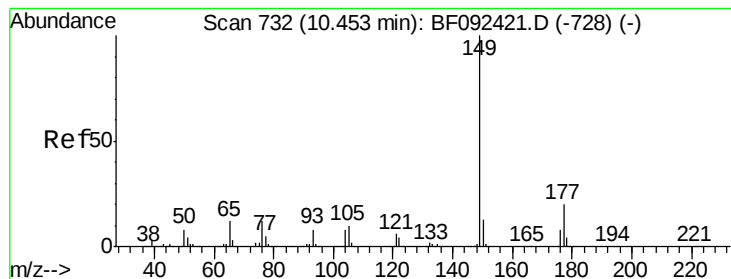
Tgt Ion:172 Resp: 1699103
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Tgt Ion:163 Resp: 209439
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.0 12.0





#59

Diethylphthalate

Concen: 4.07 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

Instrument :

BNA_F

ClientSampled :

W-43

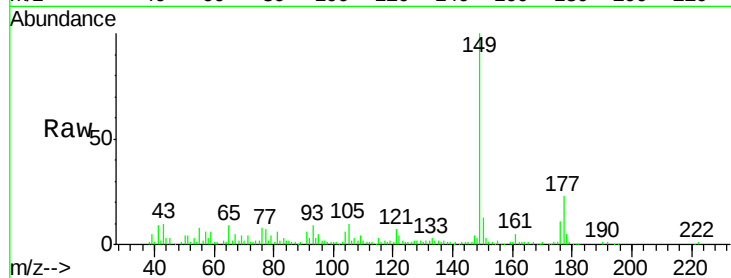
Tgt Ion:149 Resp: 87648

Ion Ratio Lower Upper

149 100

177 23.0 16.6 25.0

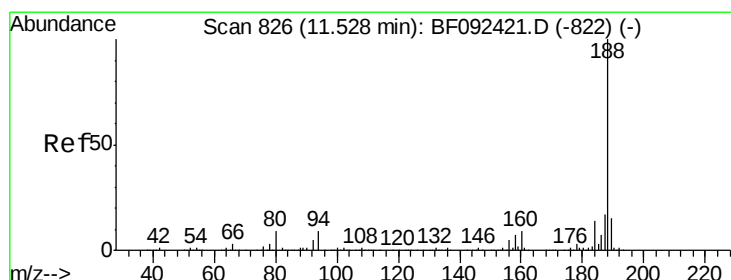
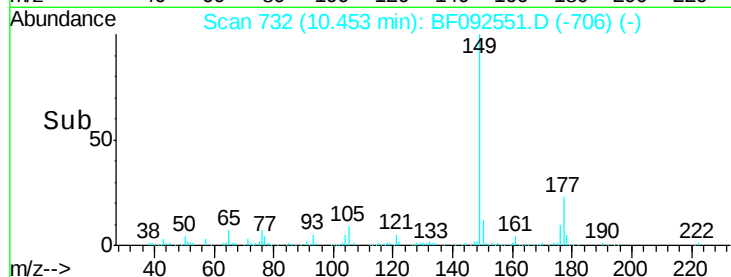
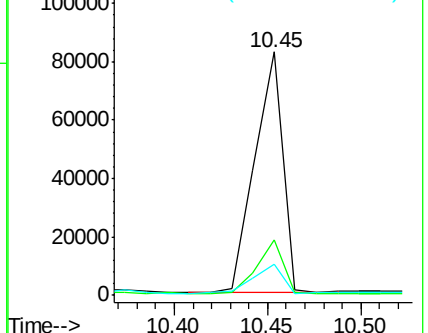
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

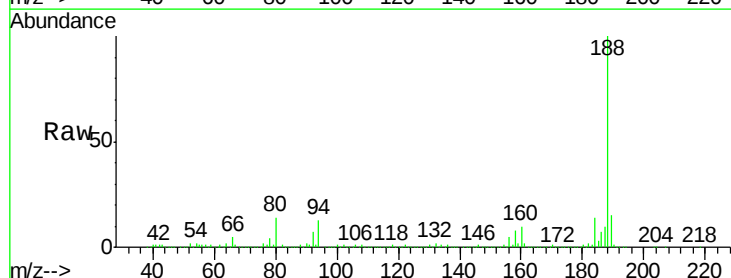
Tgt Ion:188 Resp: 555372

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

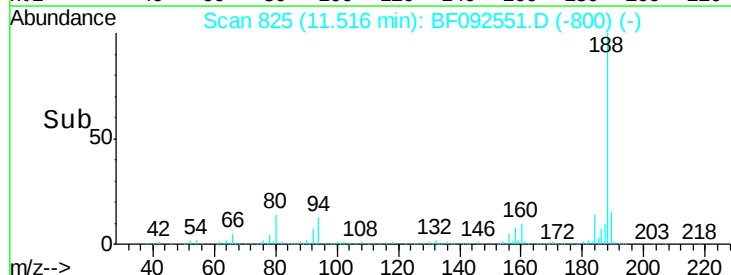
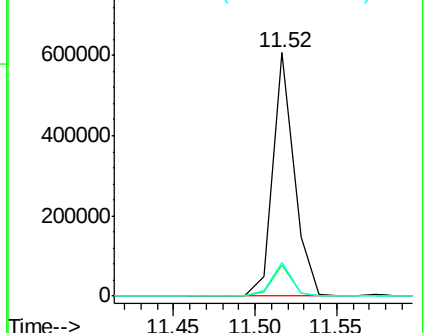
80 13.9 11.2 16.8

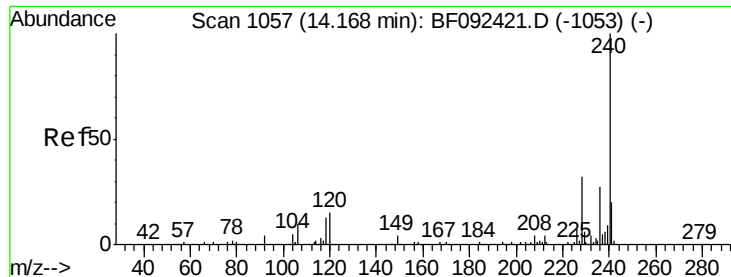


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

Instrument :

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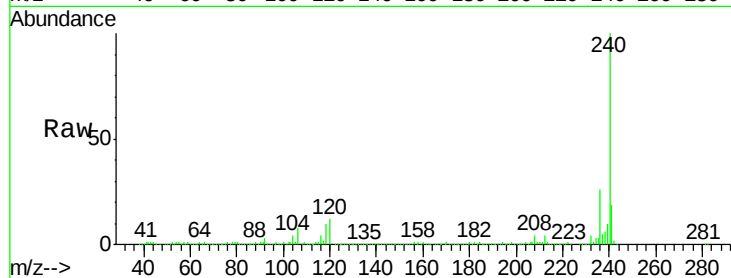
Tgt Ion:240 Resp: 433637

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

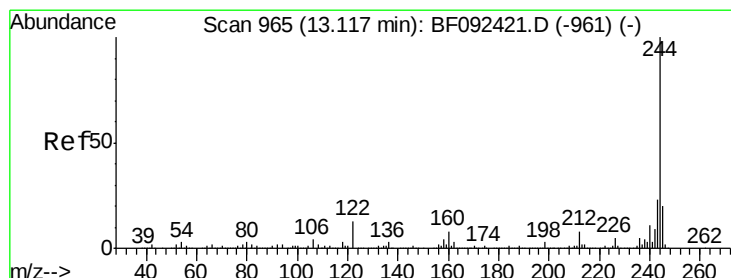
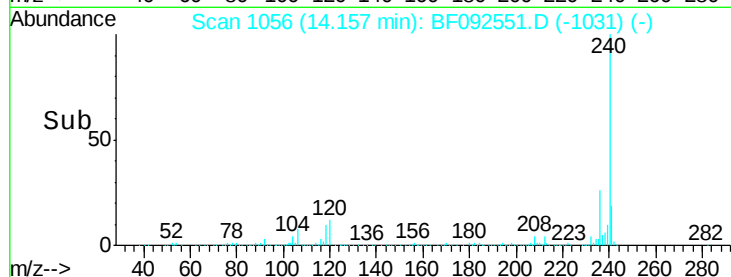
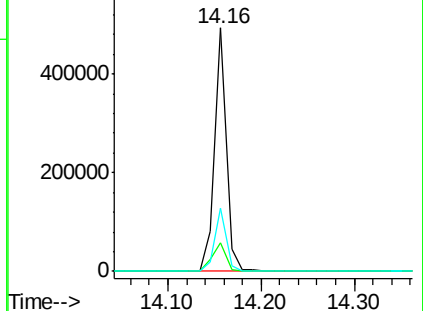
236 26.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 84.13 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092551.D

Acq: 27 Jan 2017 3:21

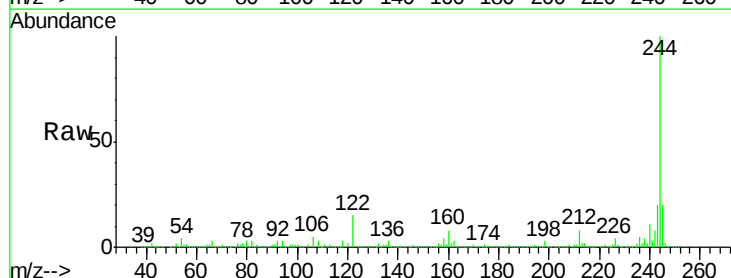
Tgt Ion:244 Resp: 1370058

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

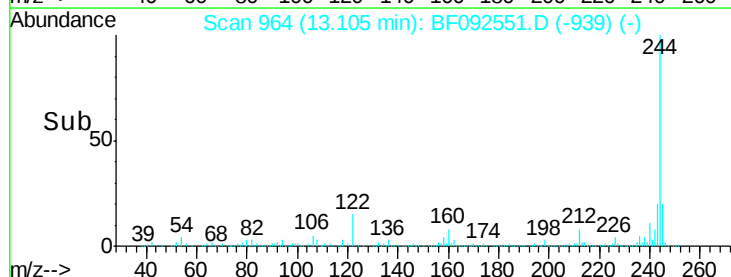
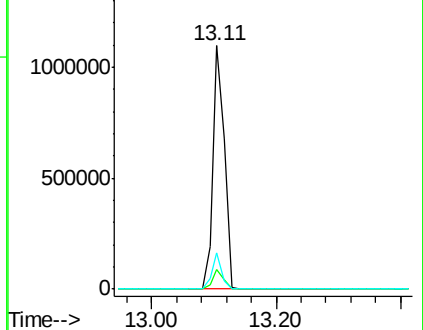
122 14.7 11.4 17.2

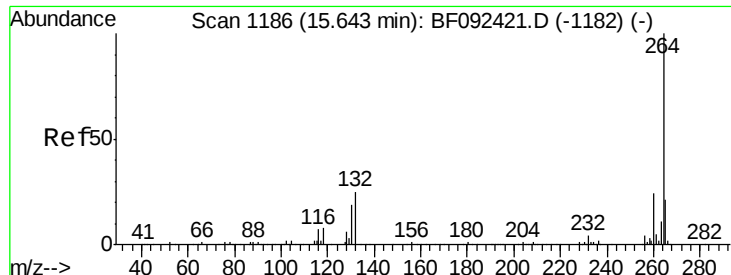


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

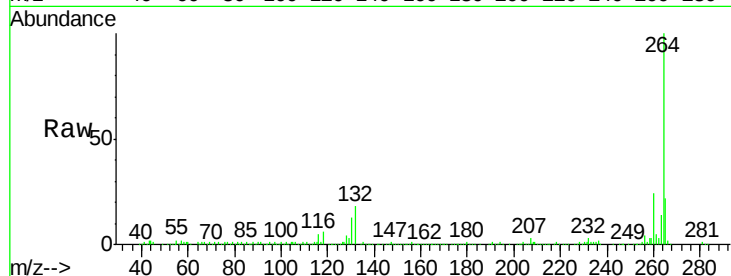




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092551.D
Acq: 27 Jan 2017 3:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 319902
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 17.4 26.0



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

