

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092445.D
 Acq On : 24 Jan 2017 22:46
 Operator : UM/SJ
 Sample : I1382-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

Quant Time: Jan 25 00:26:09 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

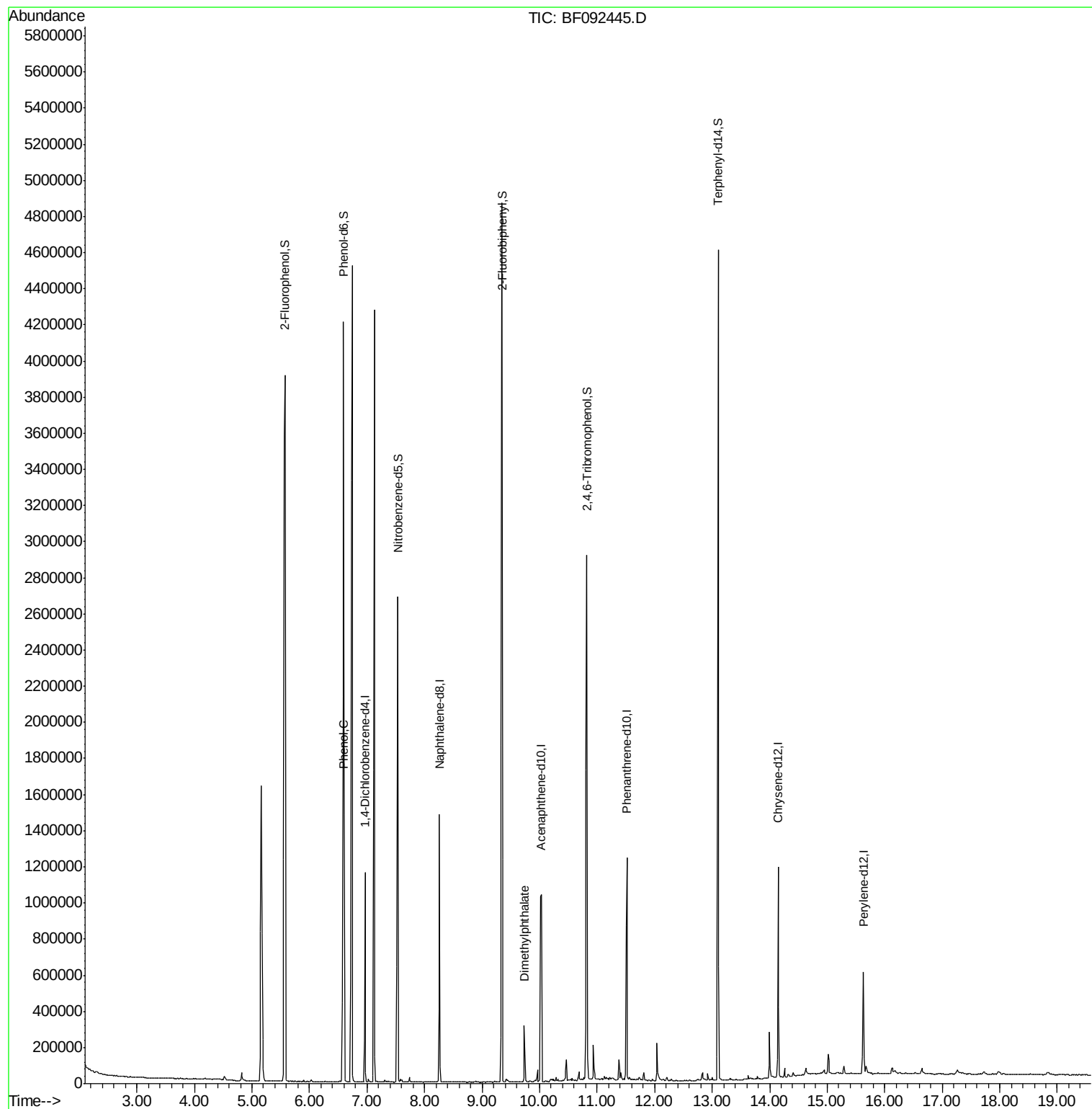
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159762	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	653211	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	343289	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	580100	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	412519	20.00	ng	-0.02
86) Perylene-d12	15.63	264	321186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1665463	162.19	ng	0.02
7) Phenol-d6	6.59	99	1825701	139.58	ng	0.00
23) Nitrobenzene-d5	7.54	82	1344720	112.45	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	369038	157.75	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1900877	102.39	ng	-0.01
78) Terphenyl-d14	13.11	244	1631538	105.32	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	141614	8.97	ng	79
49) Dimethylphthalate	9.73	163	147537	6.76	ng	98

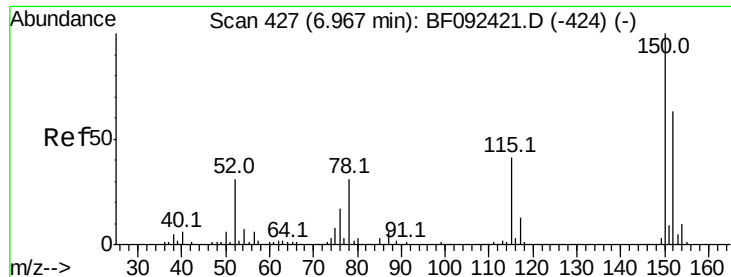
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

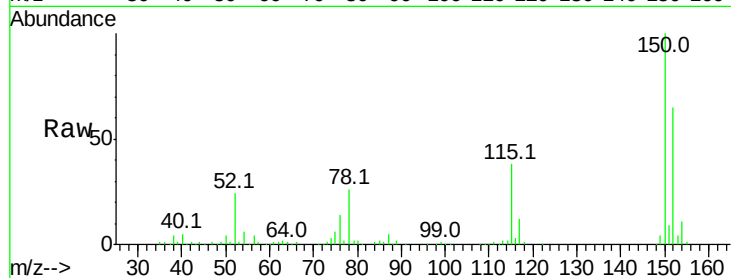
Tot Ion:152 Resp: 159762

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

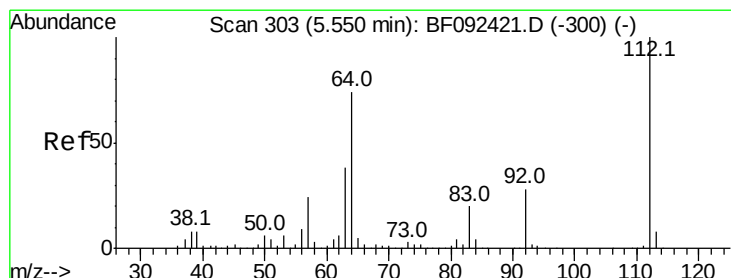
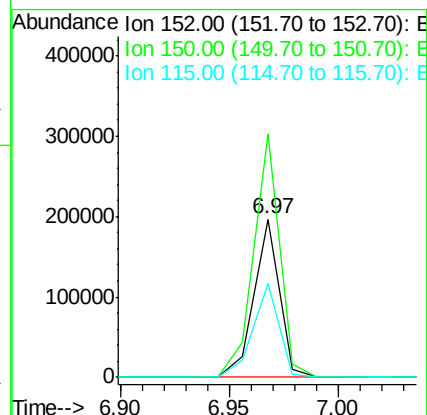
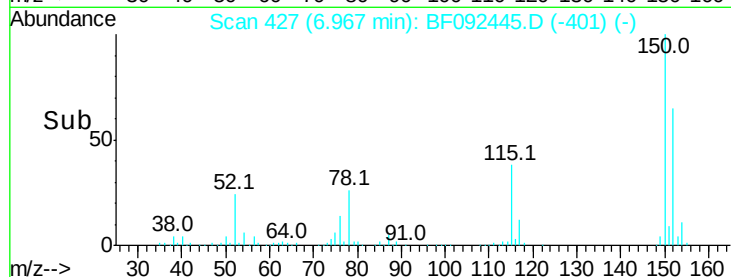
115 59.2 46.0 69.0



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: 162.19 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

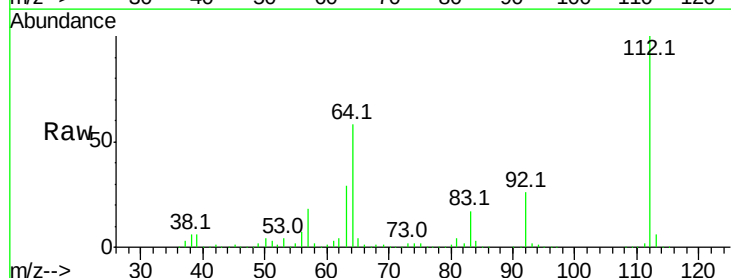
Tgt Ion:112 Resp: 1665463

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

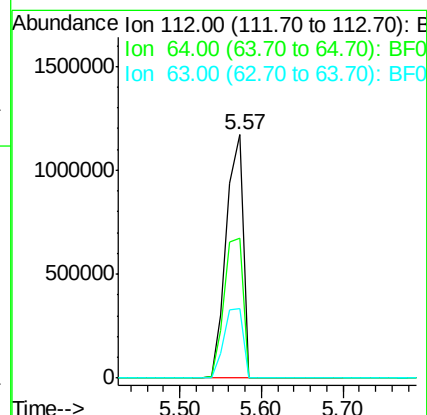
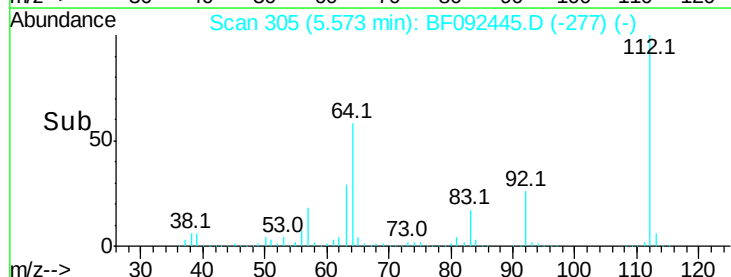
63 28.8 23.8 35.6

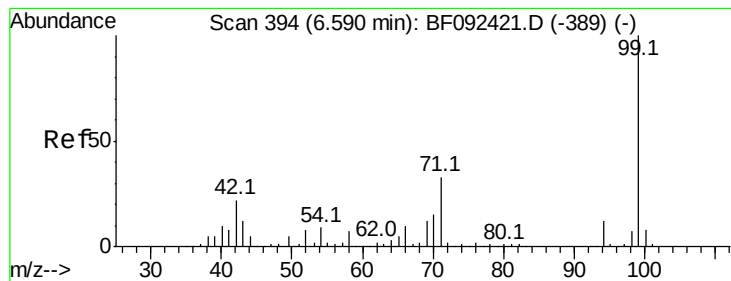


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.58 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

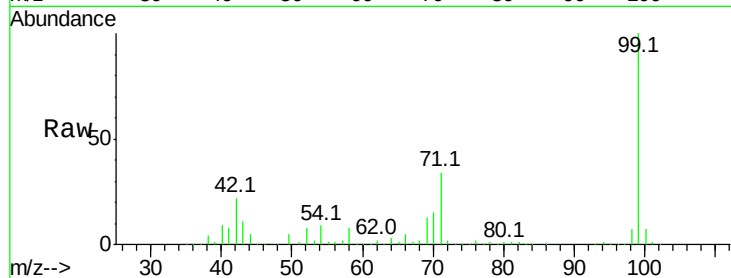
Tot Ion: 99 Resp: 1825701

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

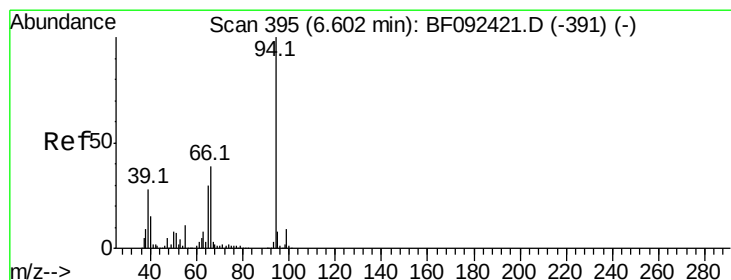
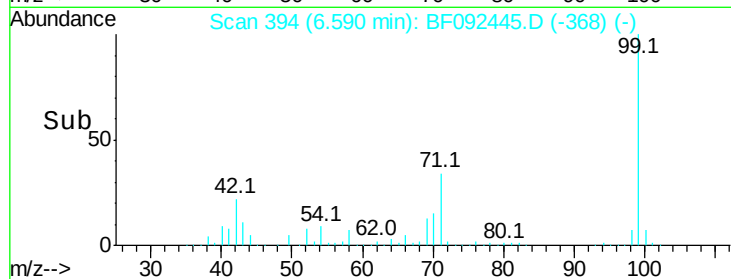
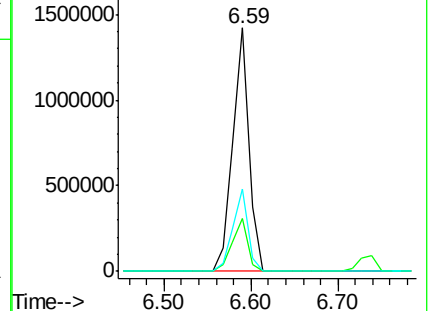
71 33.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.97 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

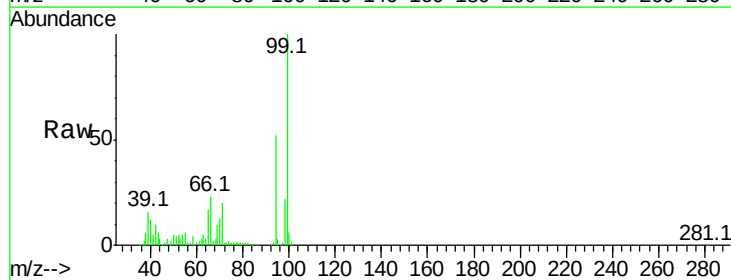
Tgt Ion: 94 Resp: 141614

Ion Ratio Lower Upper

94 100

65 32.0 21.4 61.4

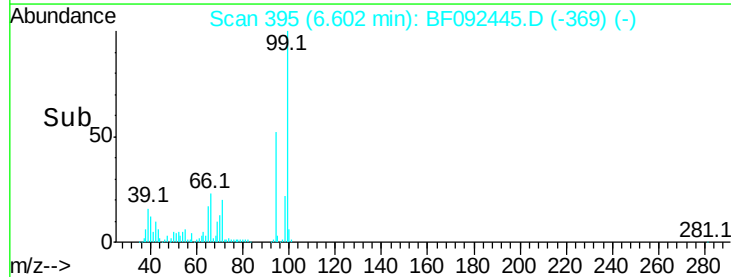
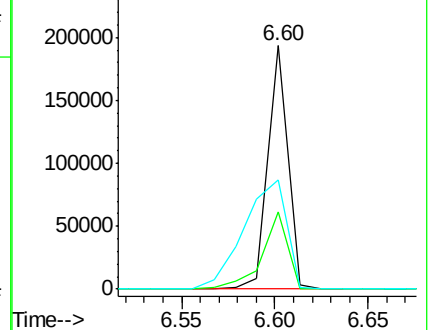
66 44.8 44.0 84.0

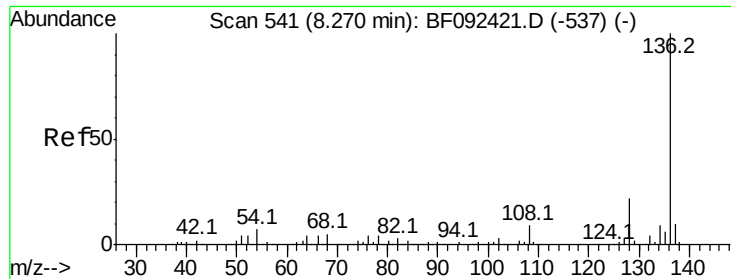


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

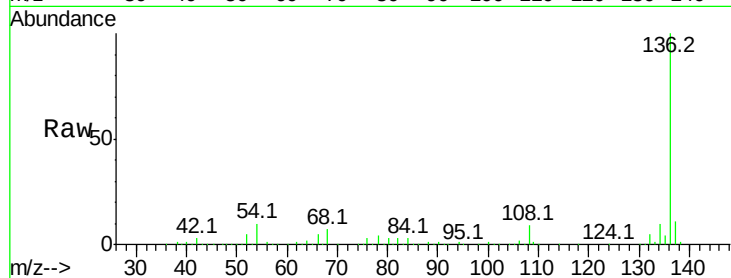




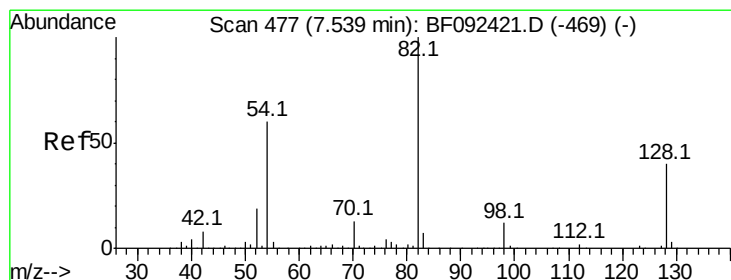
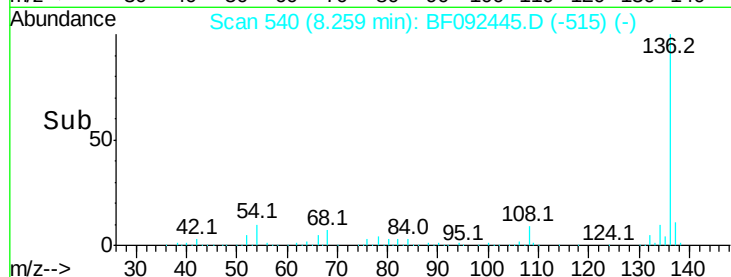
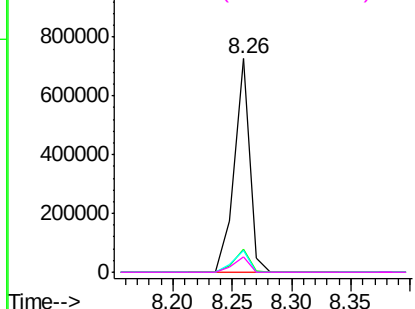
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

Tot Ion:	136	Resp:	653211
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	10.1	4.5	6.7#
68	7.1	3.6	5.4#

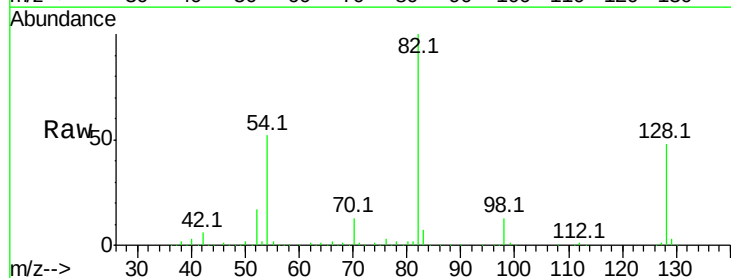


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

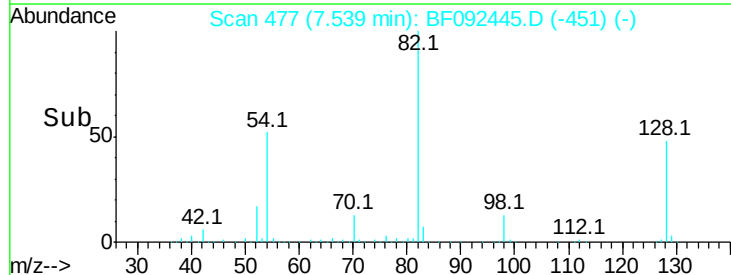
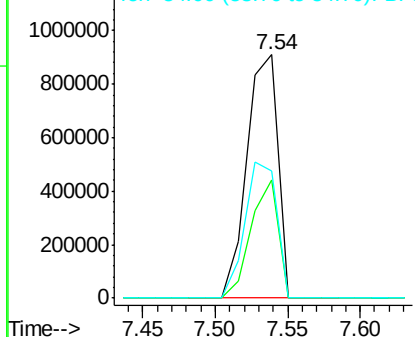


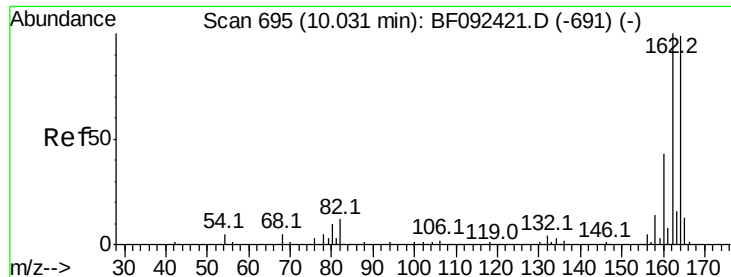
#23
Nitrobenzene-d5
Concen: 112.45 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:	82	Resp:	1344720
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	52.3	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

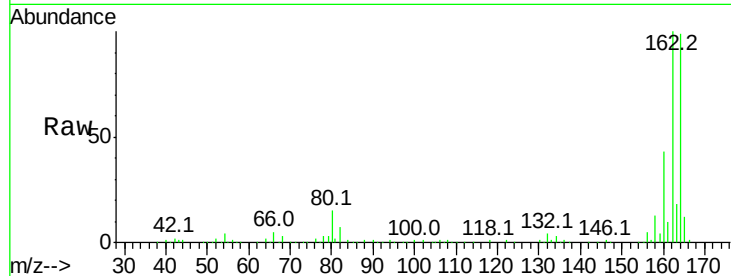




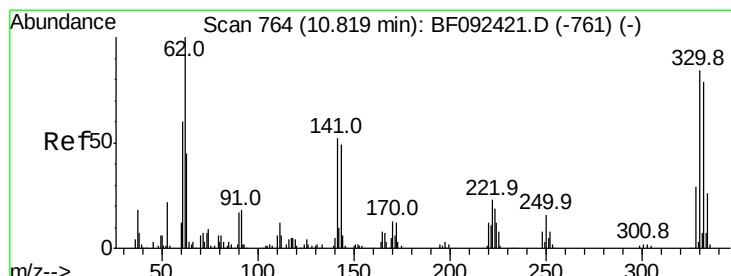
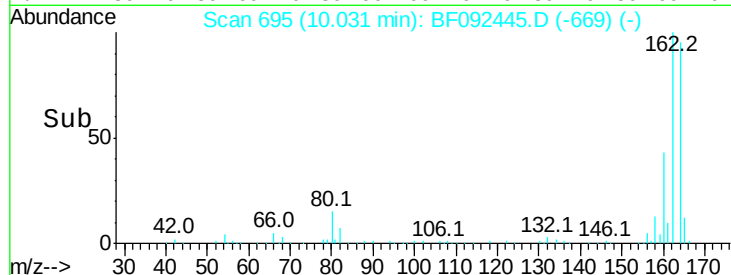
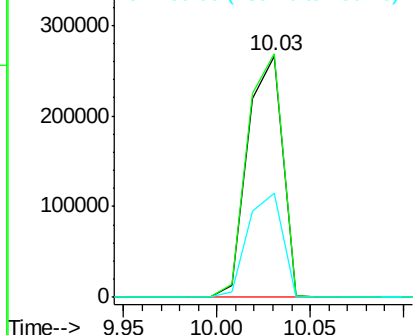
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

Tot Ion:164 Resp: 343289
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 43.3 36.9 55.3

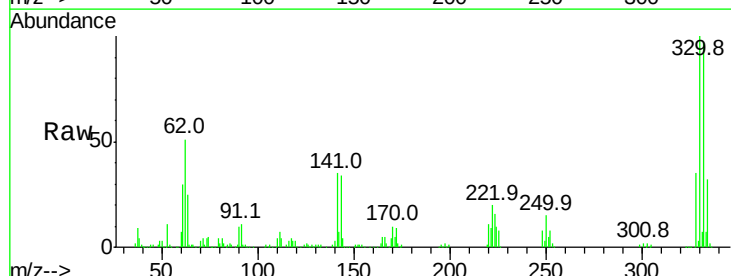


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

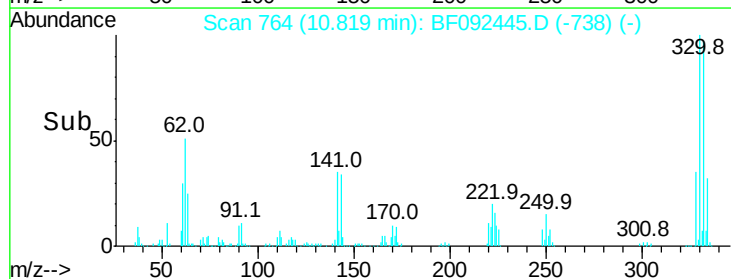
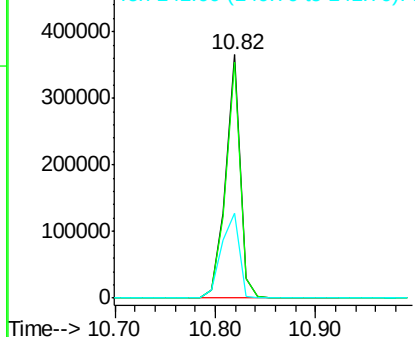


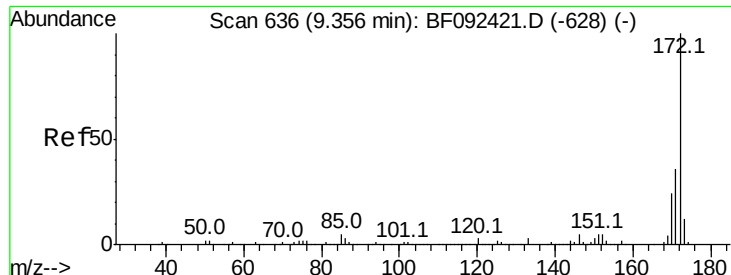
#41
2,4,6-Tribromophenol
Concen: 157.75 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:330 Resp: 369038
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 43.2 34.1 51.1



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



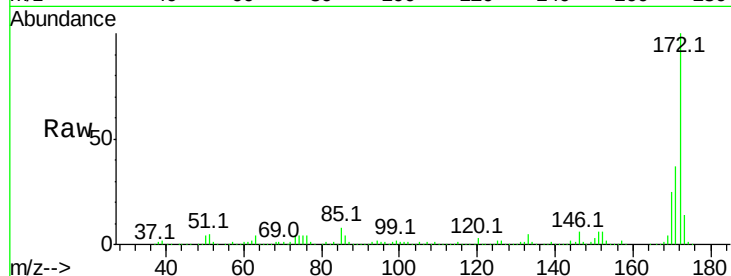


#44
 2-Fluorobiphenyl
 Concen: 102.39 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

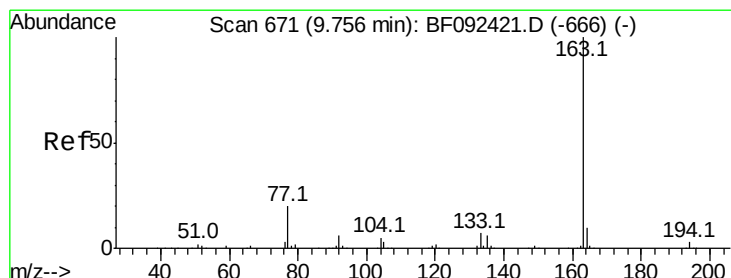
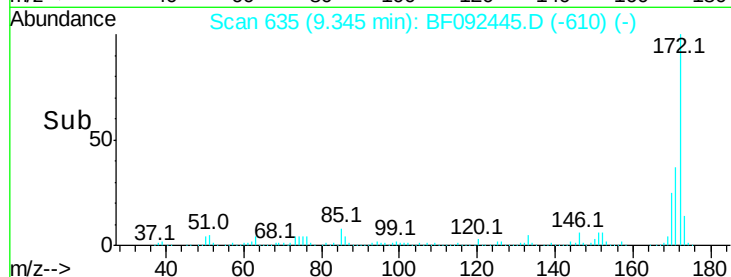
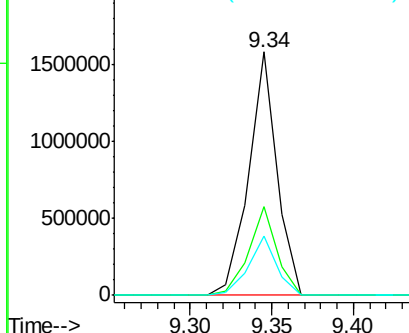
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

Tot Ion:172 Resp: 1900877

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	20.2	30.4



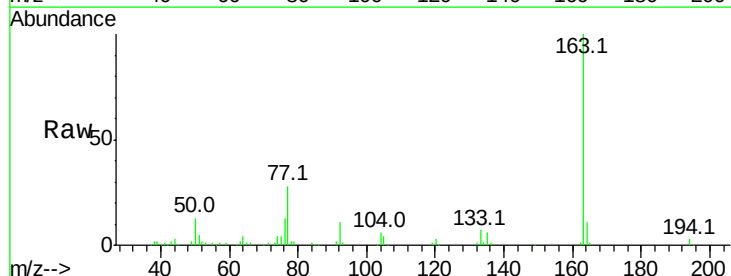
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



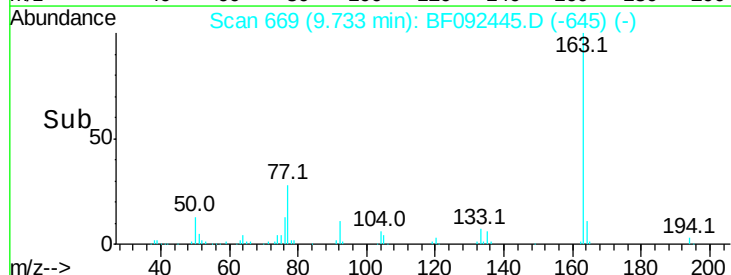
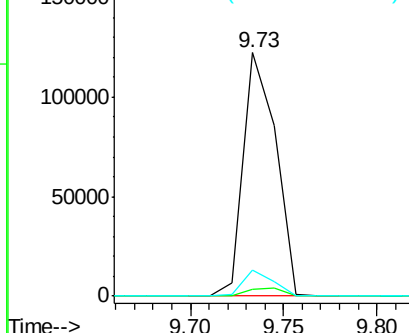
#49
 Dimethylphthalate
 Concen: 6.76 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

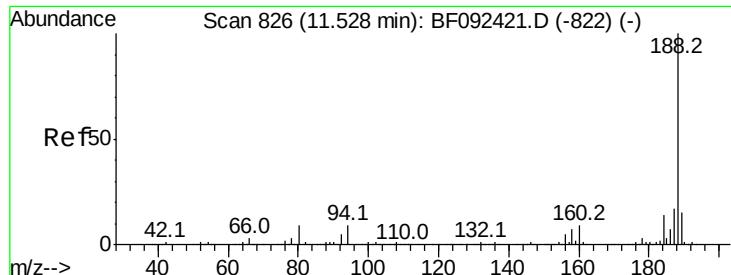
Tgt Ion:163 Resp: 147537

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.8	8.0	12.0



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

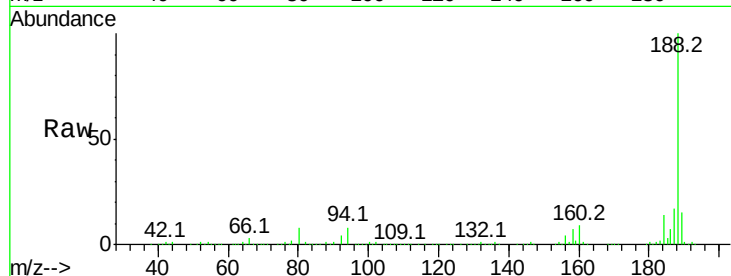




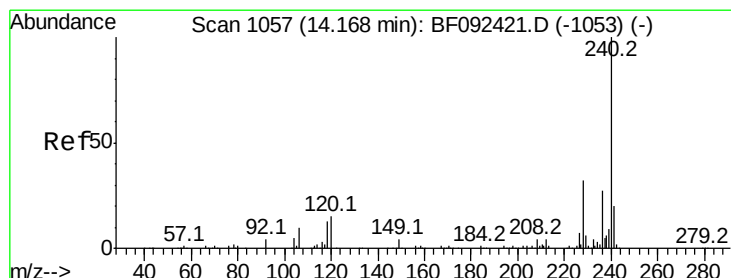
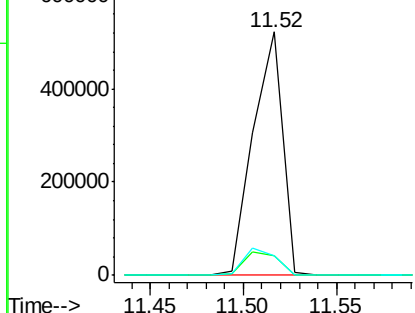
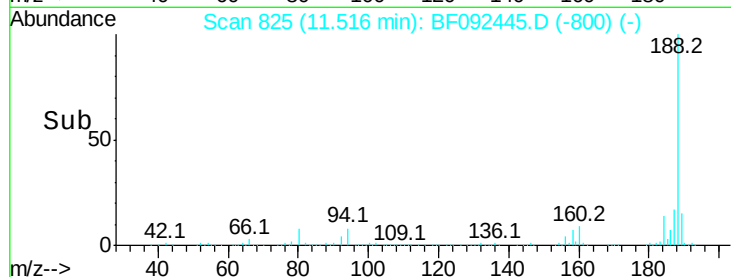
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

Tot Ion:188 Resp: 580100
Ion Ratio Lower Upper
188 100
94 8.0 10.0 15.0#
80 8.3 11.2 16.8#

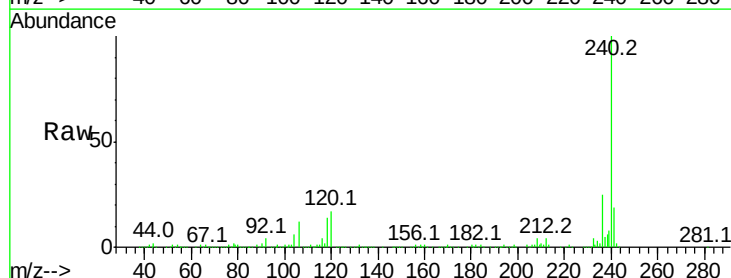


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

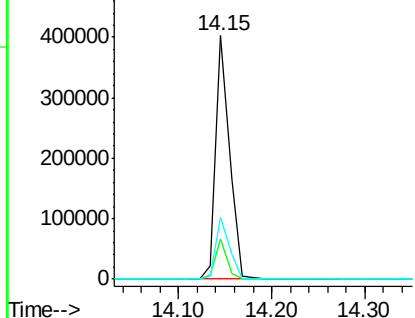
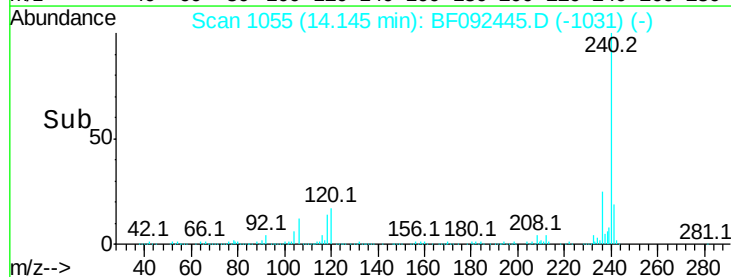


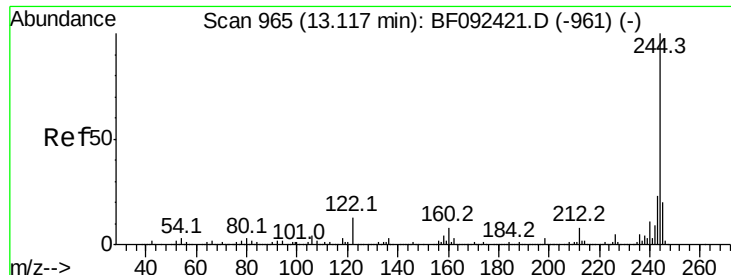
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:240 Resp: 412519
Ion Ratio Lower Upper
240 100
120 16.7 12.9 19.3
236 25.4 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: 105.32 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

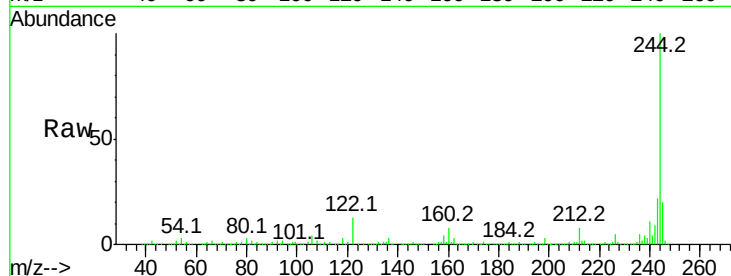
Tot Ion:244 Resp: 1631538

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

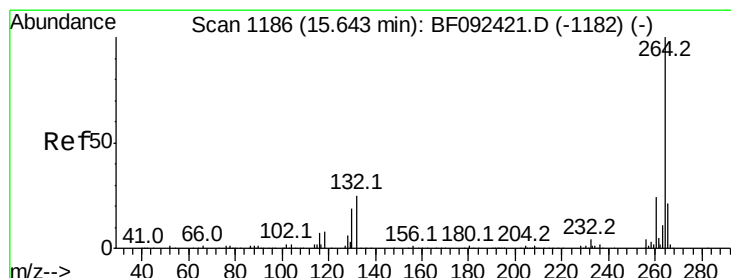
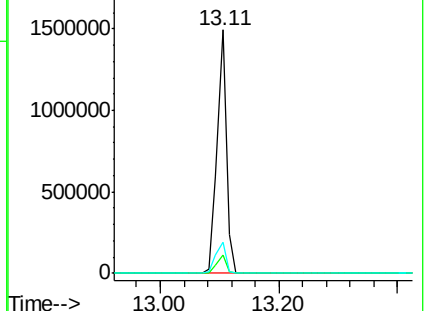
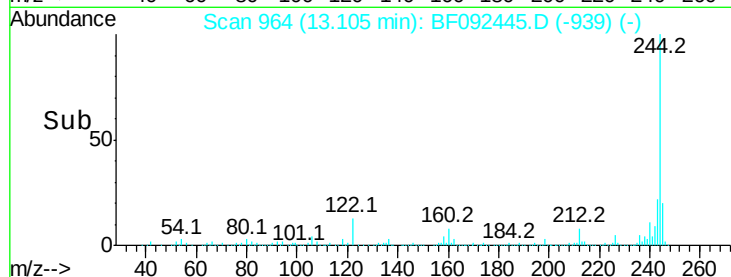
122 12.8 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

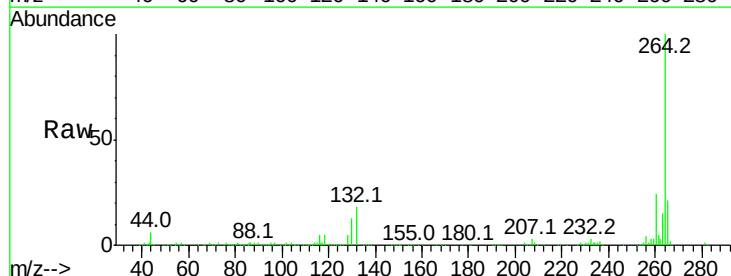
Tgt Ion:264 Resp: 321186

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.8 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

