

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092613.D
 Acq On : 28 Jan 2017 8:50
 Operator : SJ/MA
 Sample : I1528-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Jan 30 00:15:18 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

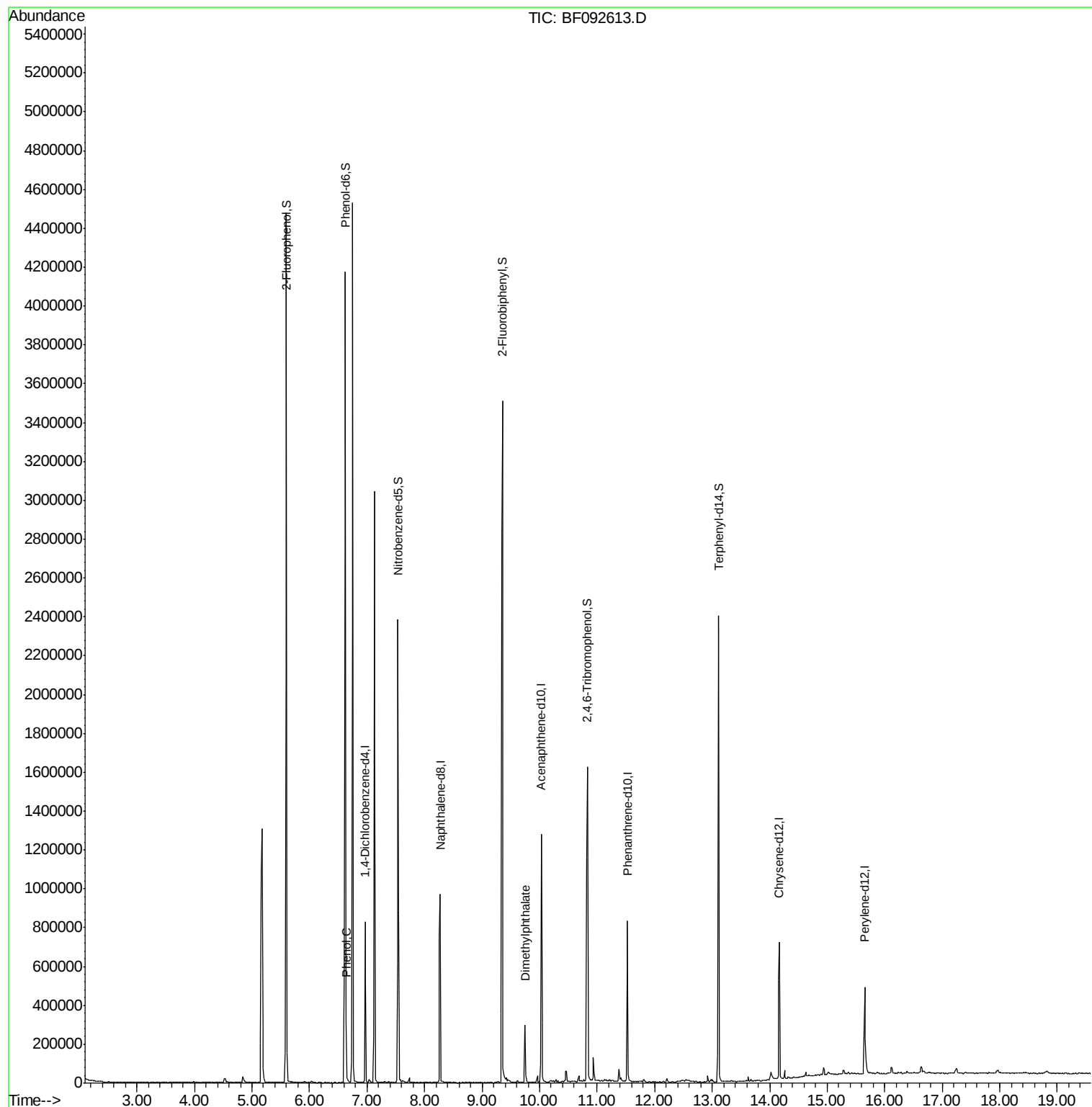
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155654	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	606271	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	283113	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	410215	20.00	ng	0.00
75) Chrysene-d12	14.17	240	328420	20.00	ng	0.00
86) Perylene-d12	15.65	264	229630	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1291422	129.08	ng	0.05
7) Phenol-d6	6.62	99	1757842	137.94	ng	0.03
23) Nitrobenzene-d5	7.54	82	906640	81.69	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	242523	125.71	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1662550	108.59	ng	0.00
78) Terphenyl-d14	13.12	244	1118571	90.69	ng	0.00
Target Compounds						
10) Phenol	6.64	94	84605	5.50	ng	Qvalue # 62
49) Dimethylphthalate	9.74	163	126181	7.01	ng	99

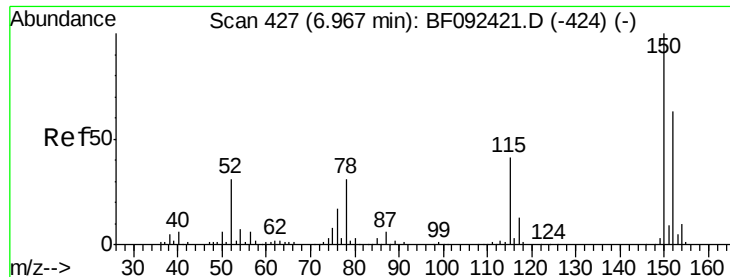
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

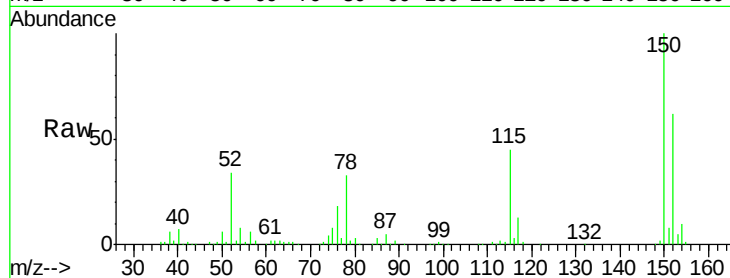
Tgt Ion:152 Resp: 155654

Ion Ratio Lower Upper

152 100

150 162.1 124.9 187.3

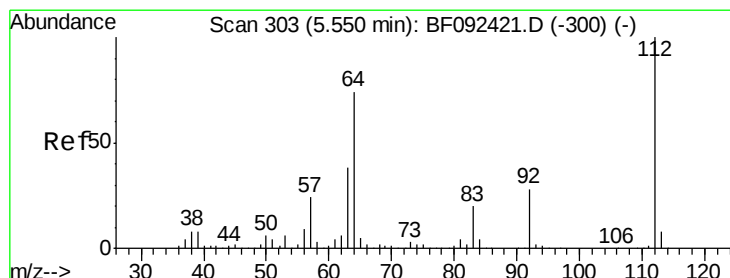
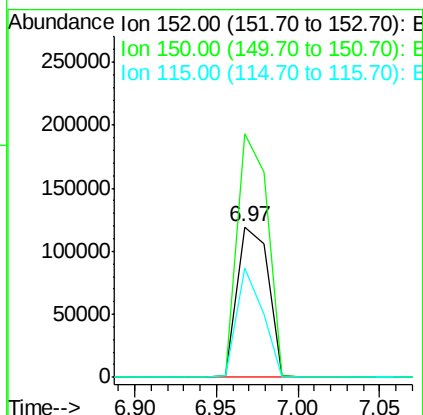
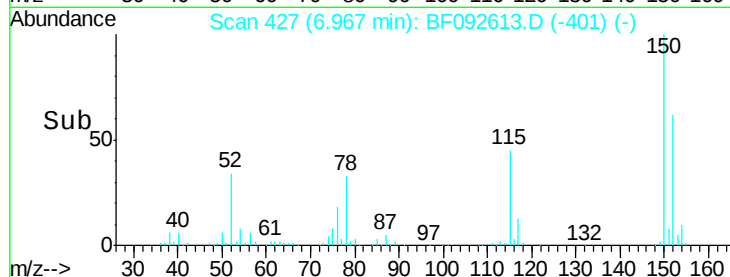
115 72.8 46.0 69.0#



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: 129.08 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

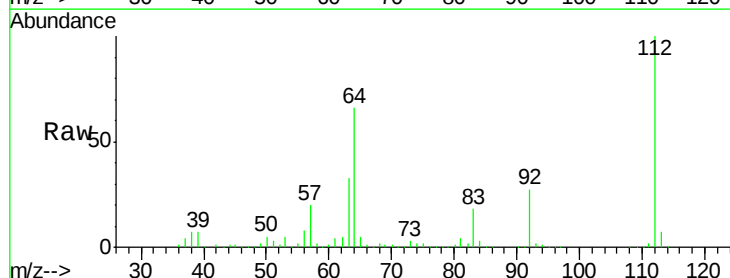
Tgt Ion:112 Resp: 1291422

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

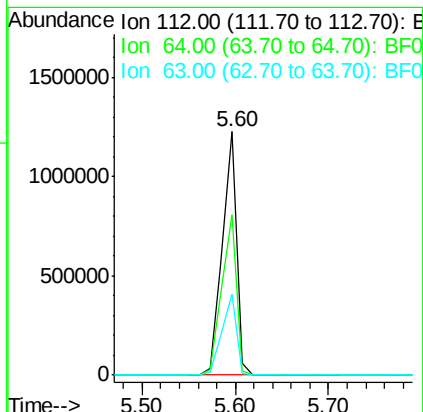
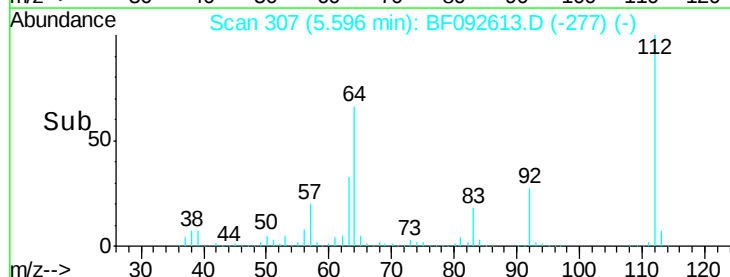
63 33.1 23.8 35.6

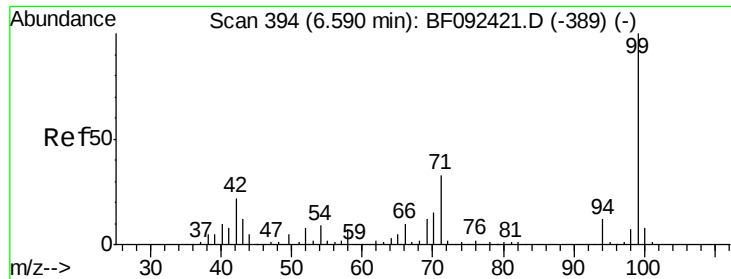


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.94 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

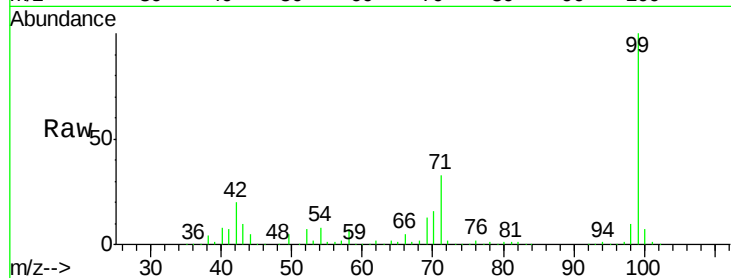
Tgt Ion: 99 Resp: 1757842

Ion Ratio Lower Upper

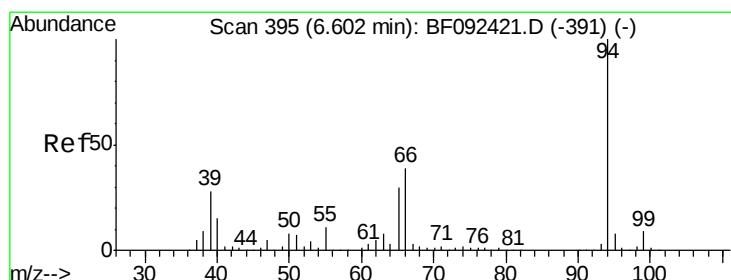
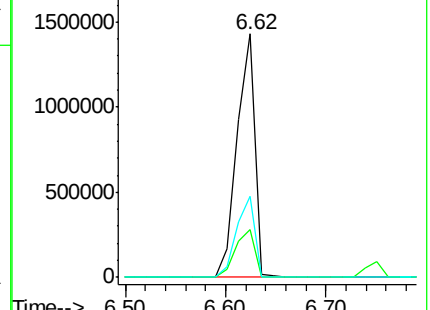
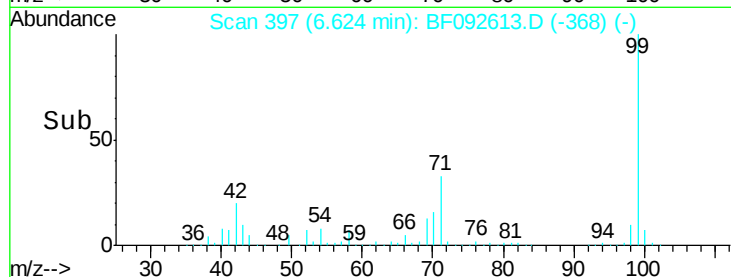
99 100

42 19.5 15.6 23.4

71 33.0 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: 5.50 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

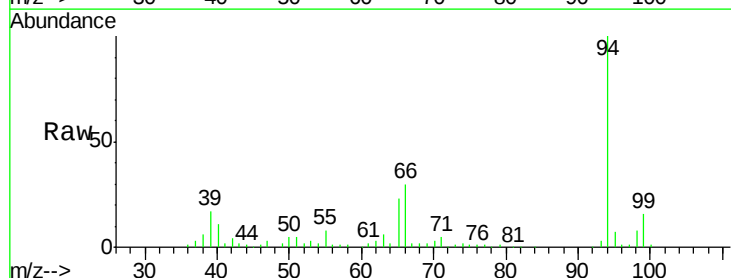
Tgt Ion: 94 Resp: 84605

Ion Ratio Lower Upper

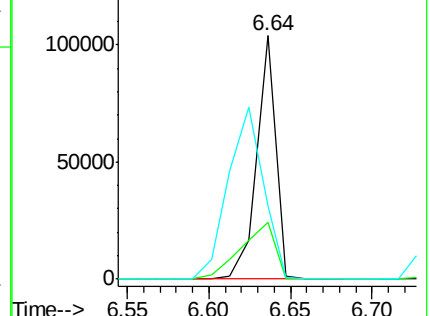
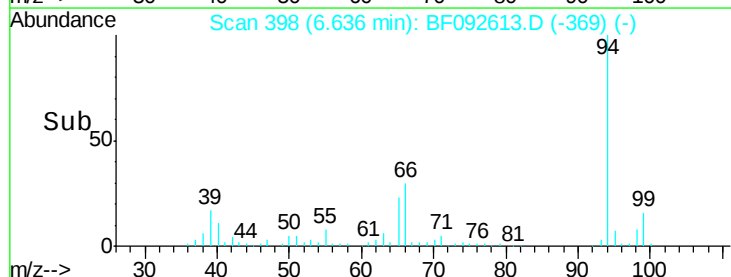
94 100

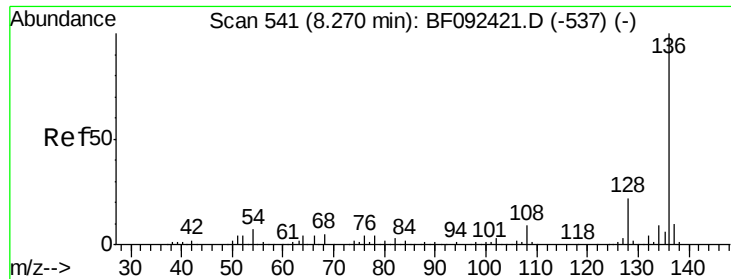
65 23.1 21.4 61.4

66 30.0 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

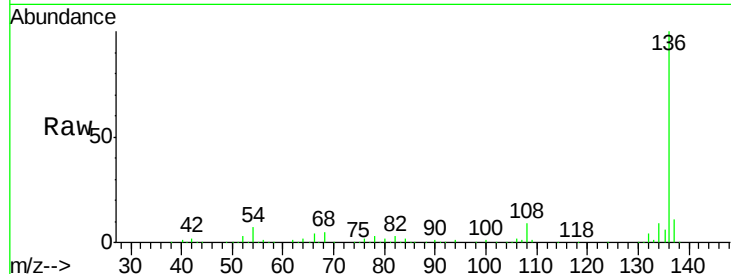




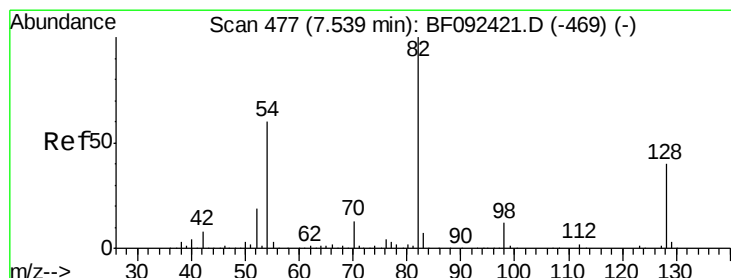
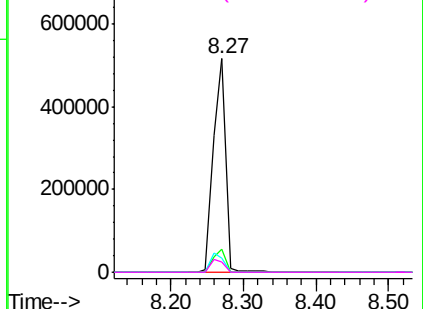
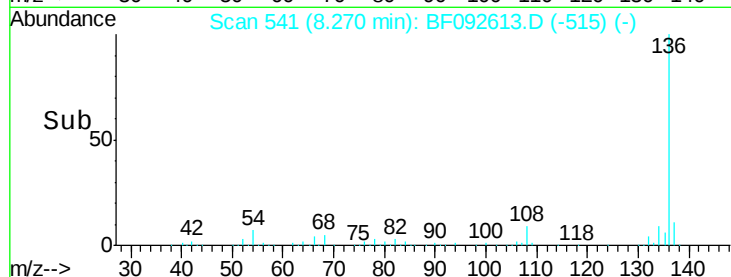
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:	136	Resp:	606271
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.8	4.5	6.7#
68	5.1	3.6	5.4

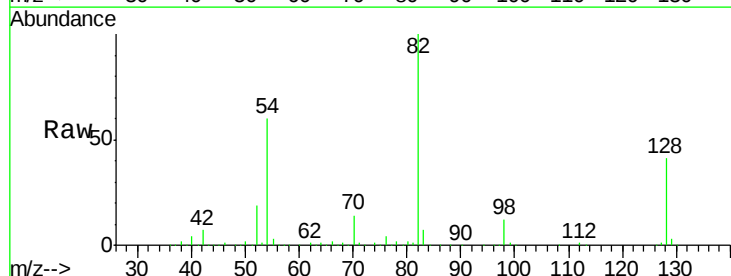


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

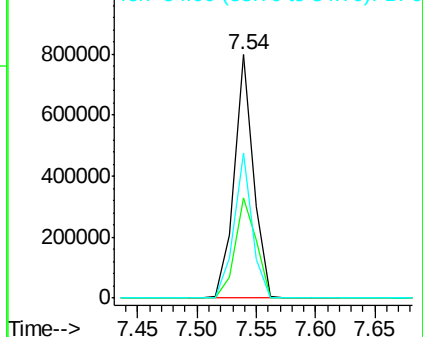
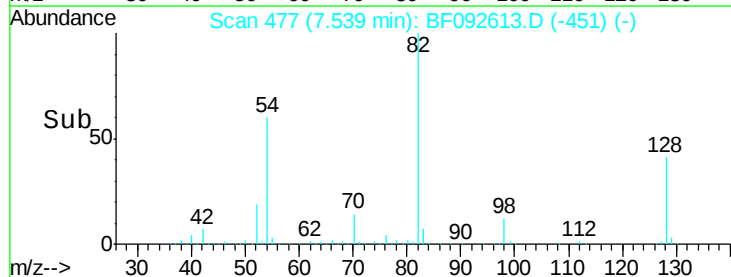


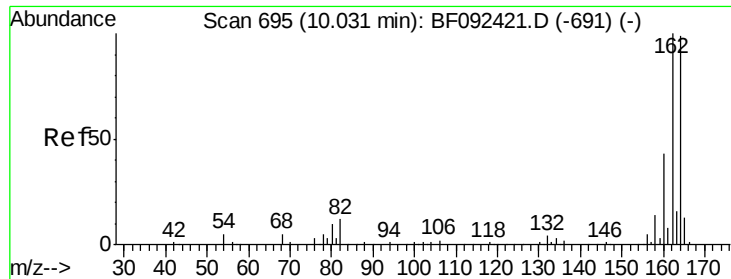
#23
Nitrobenzene-d5
Concen: 81.69 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Tgt Ion:	82	Resp:	906640
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	59.6	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: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

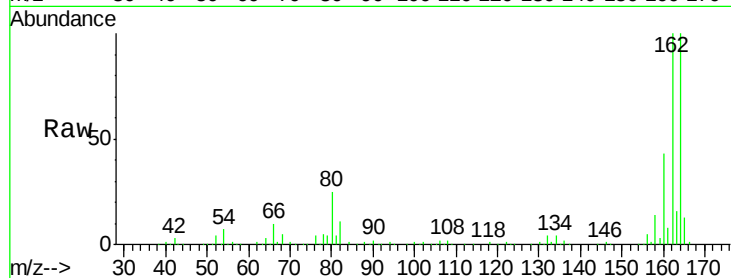
Tgt Ion:164 Resp: 283113

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

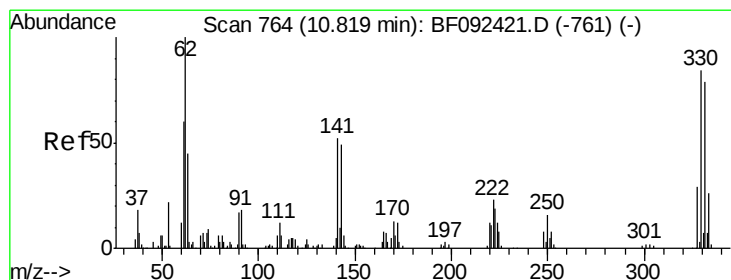
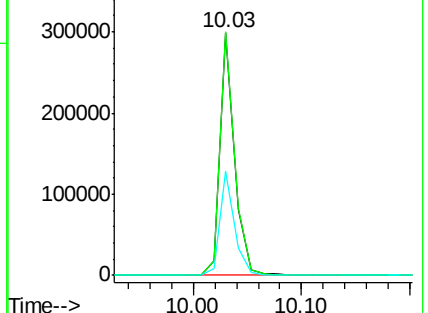
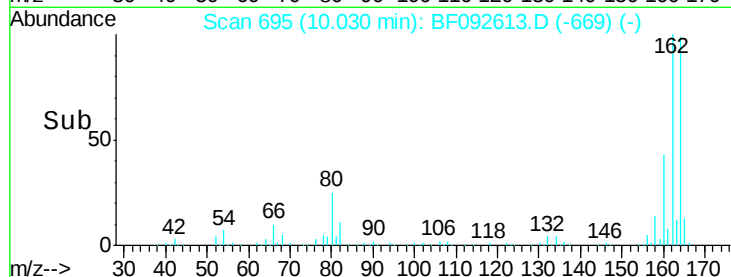
160 42.7 36.9 55.3



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: 125.71 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

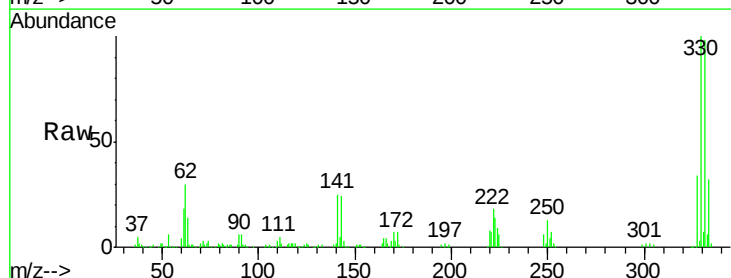
Tgt Ion:330 Resp: 242523

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

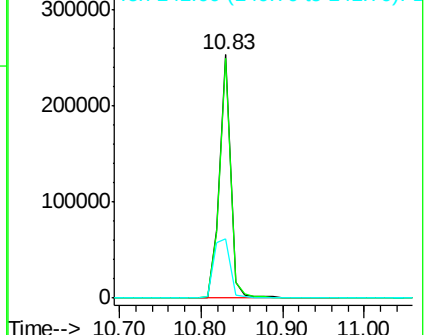
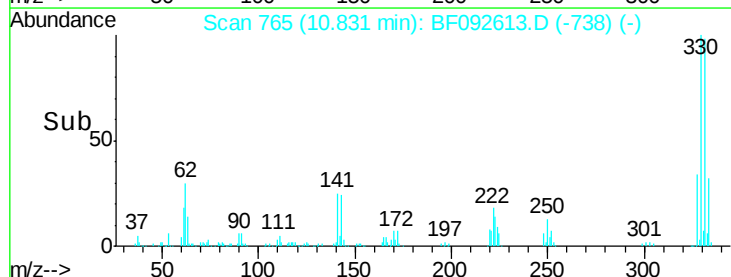
141 36.6 34.1 51.1

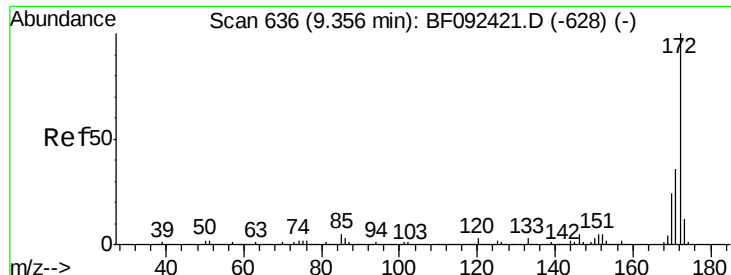


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

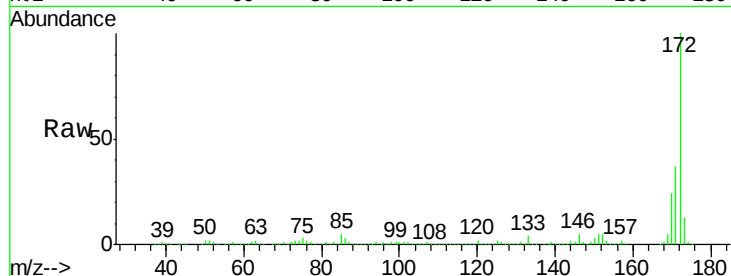




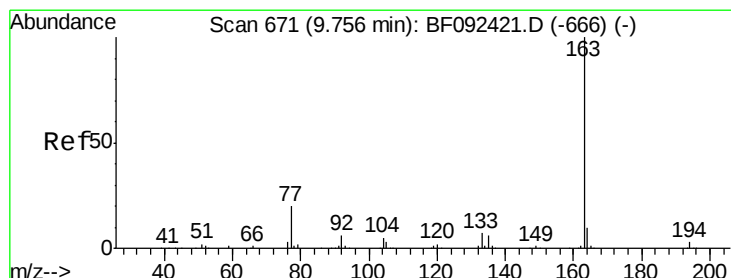
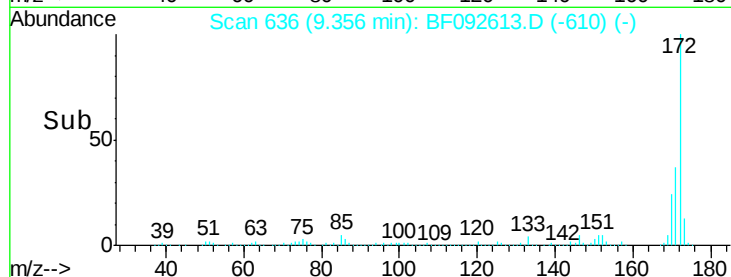
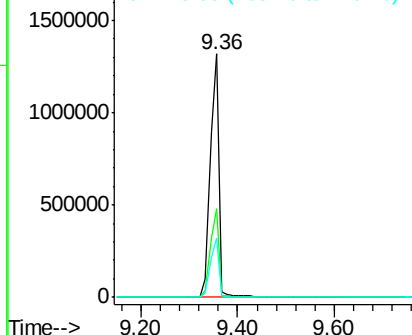
#44
 2-Fluorobiphenyl
 Concen: 108.59 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion:172 Resp: 1662550
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.2 20.2 30.4

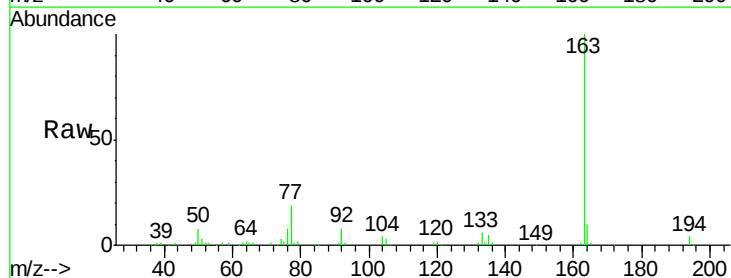


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

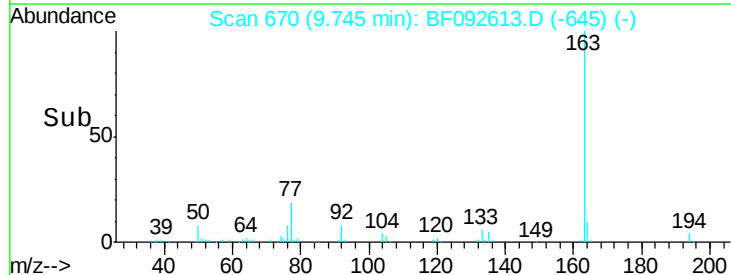
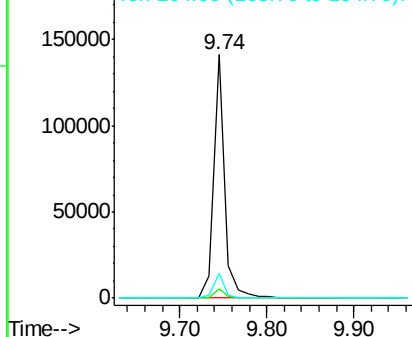


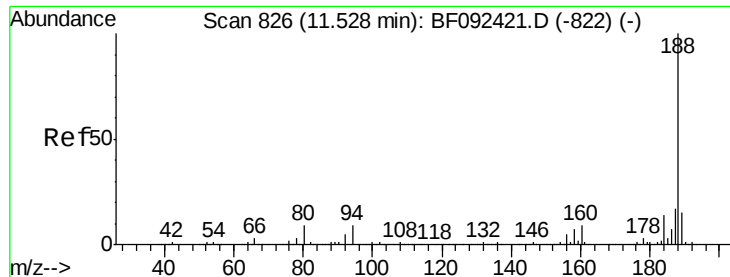
#49
 Dimethylphthalate
 Concen: 7.01 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

Tgt Ion:163 Resp: 126181
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 10.3 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

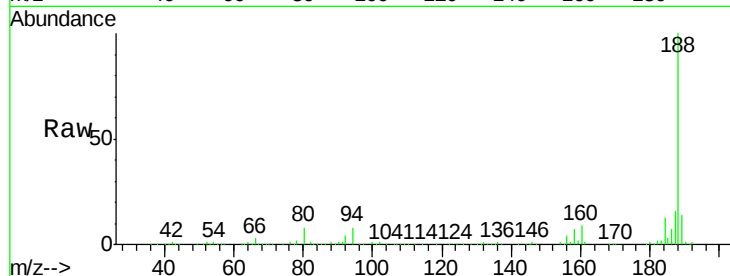




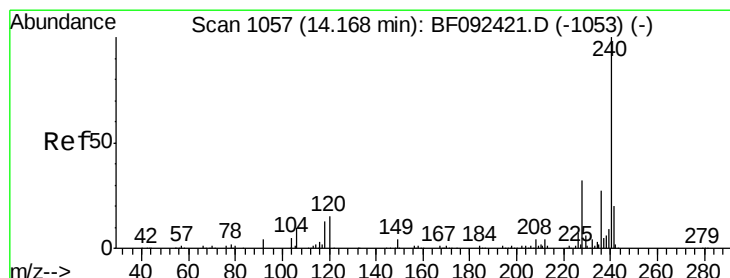
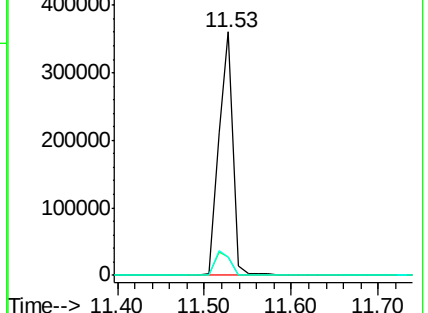
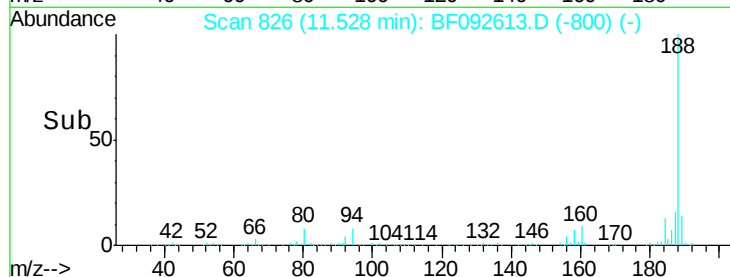
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 410215
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.8 11.2 16.8#

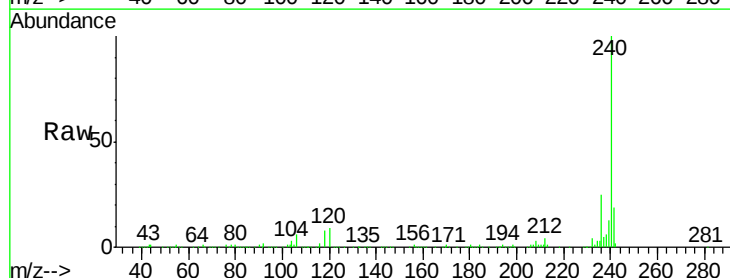


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

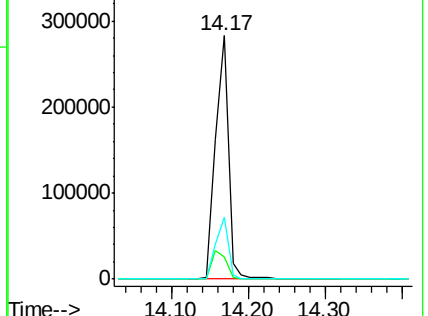
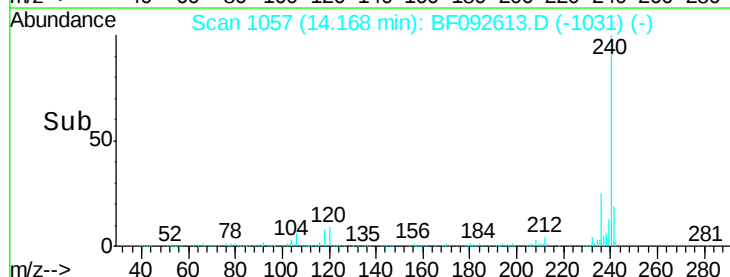


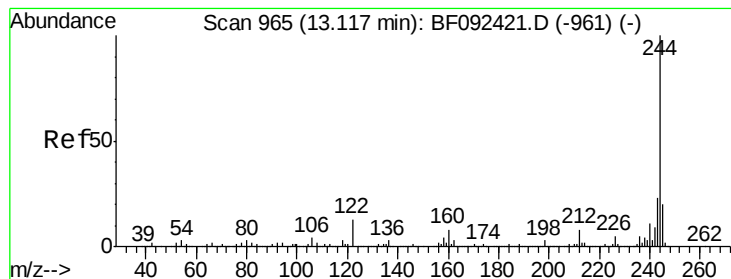
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Tgt Ion:240 Resp: 328420
Ion Ratio Lower Upper
240 100
120 9.0 12.9 19.3#
236 25.3 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: 90.69 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

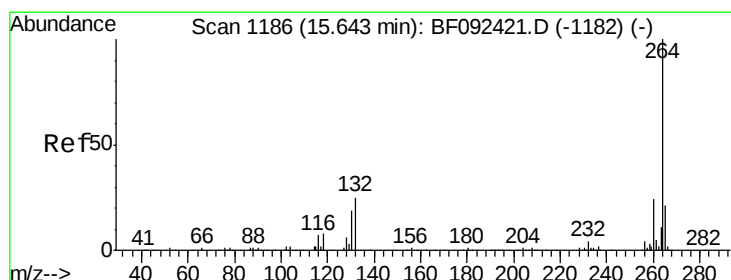
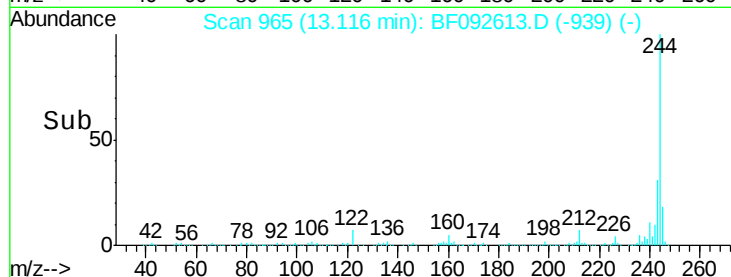
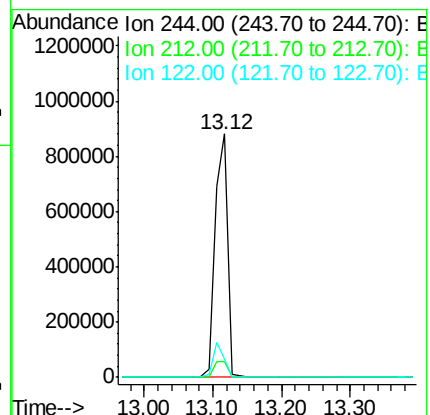
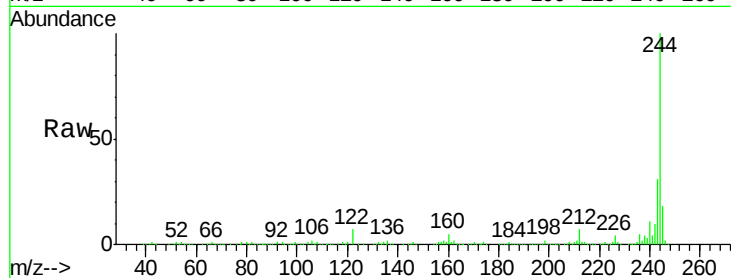
Tgt Ion:244 Resp: 1118571

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

122 7.3 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Tgt Ion:264 Resp: 229630

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.4 26.0

