

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092303.D
 Acq On : 16 Jan 2017 23:46
 Operator : UM/SJ
 Sample : I1162-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Quant Time: Jan 17 02:24:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

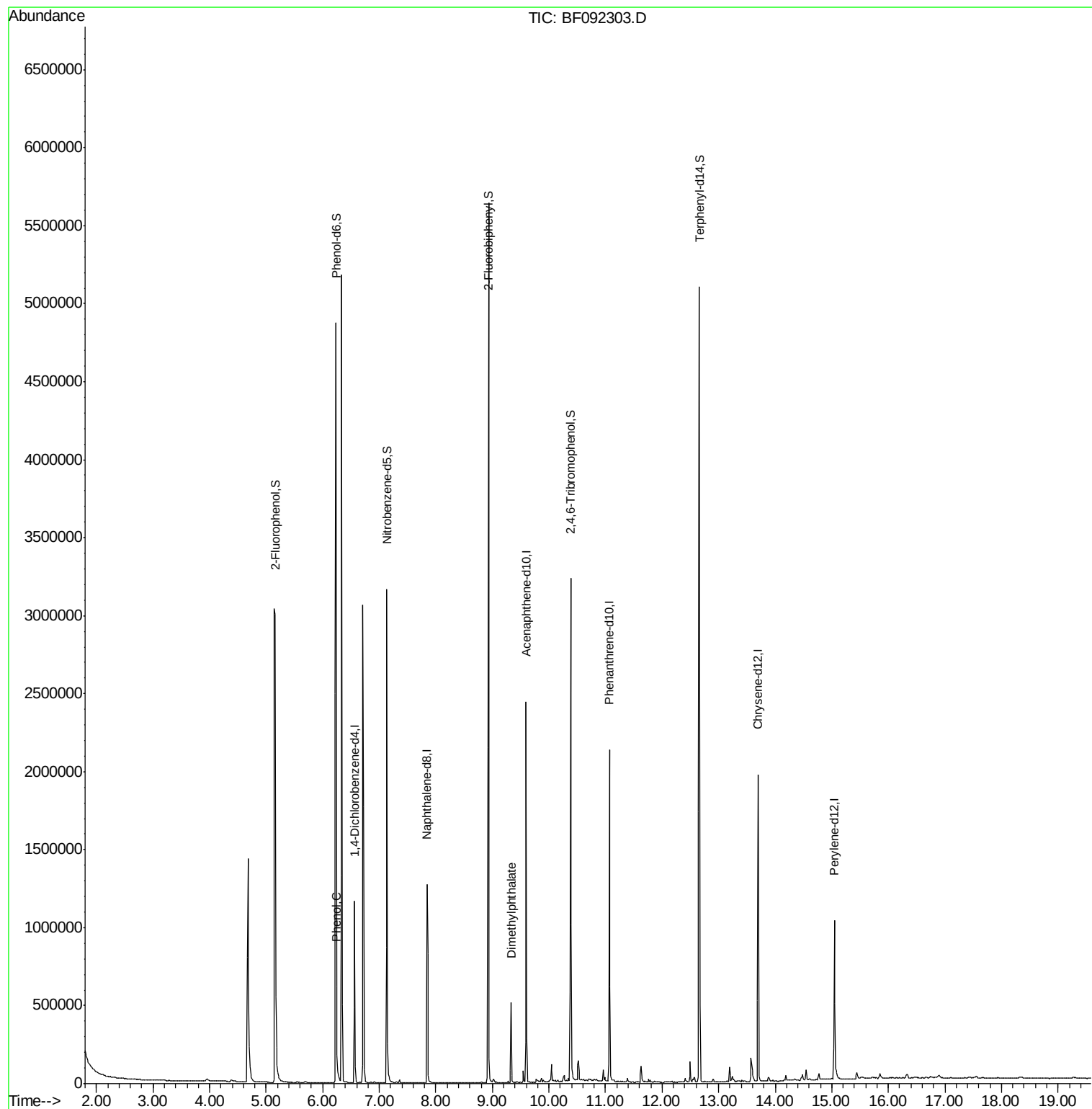
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	207428	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	780073	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	490130	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	788554	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	693668	20.00	ng	-0.01
86) Perylene-d12	15.05	264	452559	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1467518	118.13	ng	0.01
7) Phenol-d6	6.23	99	2030865	133.90	ng	0.00
23) Nitrobenzene-d5	7.14	82	1095574	78.10	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	431864	106.47	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1871899	77.05	ng	0.00
78) Terphenyl-d14	12.66	244	1654979	57.86	ng	0.00
Target Compounds						
10) Phenol	6.24	94	103427	5.98	ng	Qvalue # 66
49) Dimethylphthalate	9.33	163	211430	6.74	ng	99

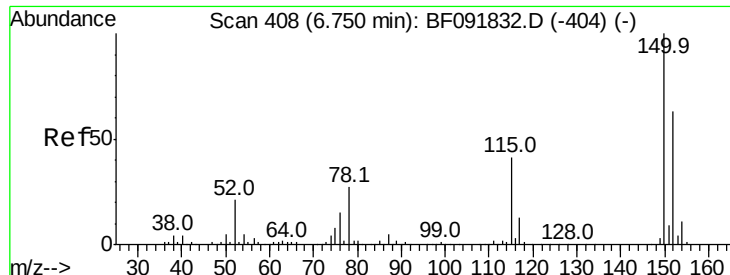
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

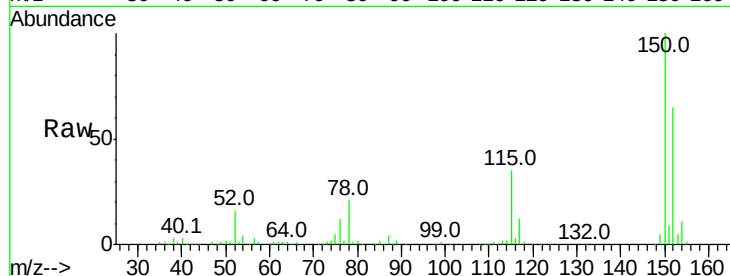
Tot Ion:152 Resp: 207428

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

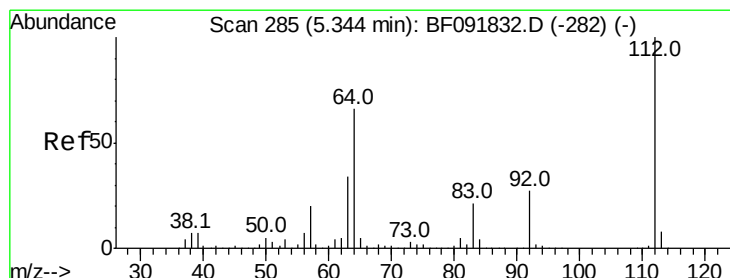
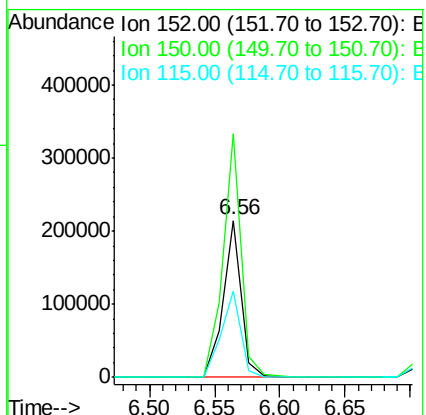
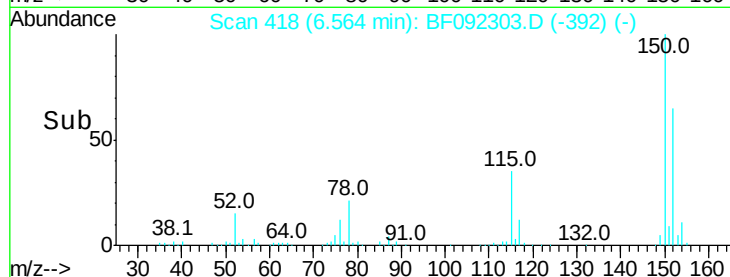
115 54.8 46.0 69.0



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: 118.13 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

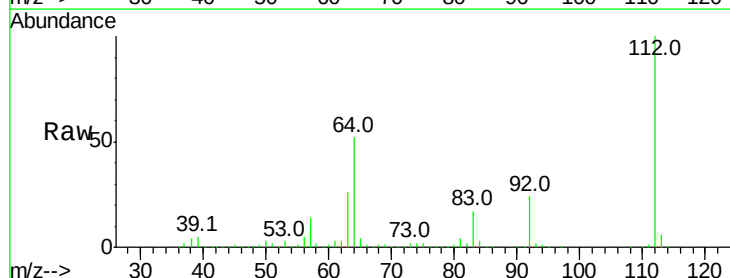
Tgt Ion:112 Resp: 1467518

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

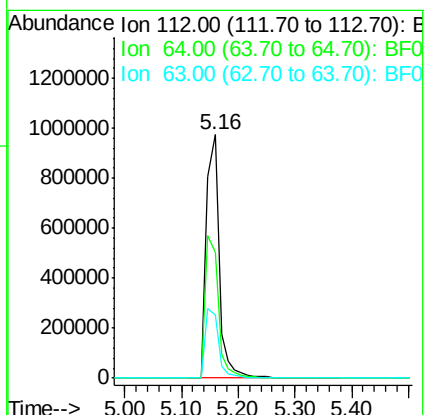
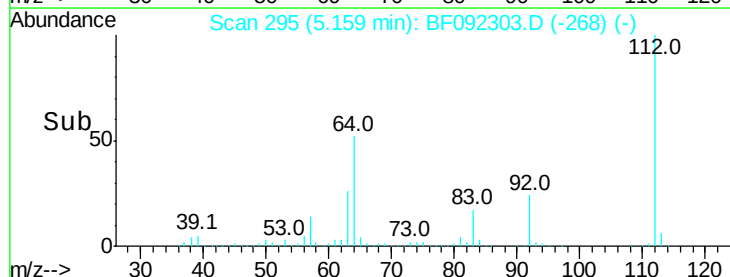
63 25.7 23.8 35.6

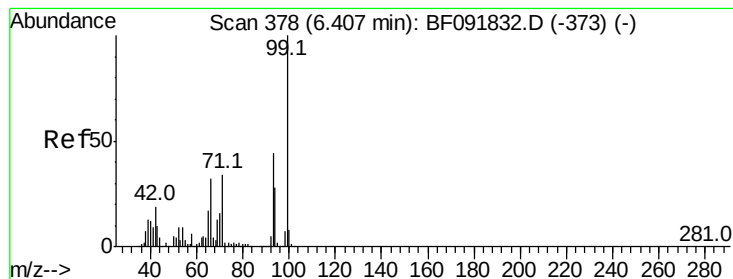


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.90 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

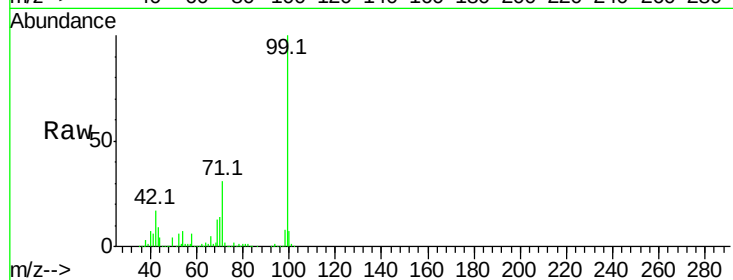
Tot Ion: 99 Resp: 2030865

Ion Ratio Lower Upper

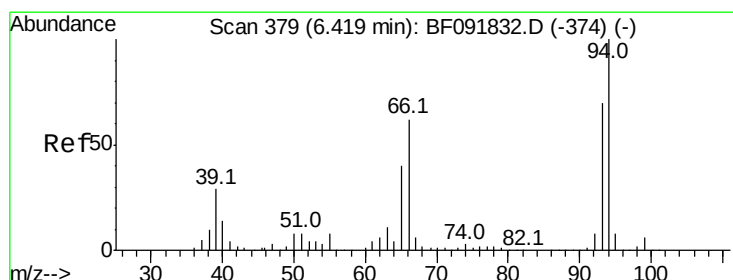
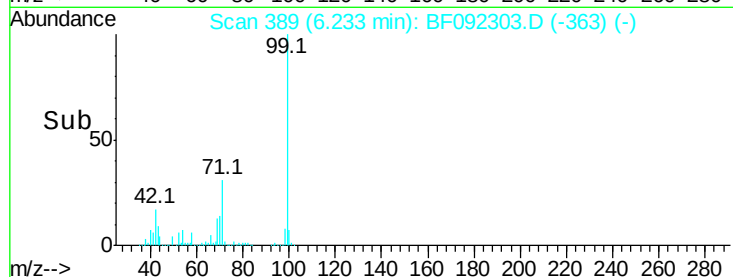
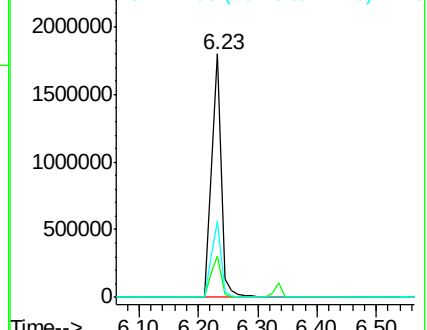
99 100

42 17.0 15.6 23.4

71 31.2 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: 5.98 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

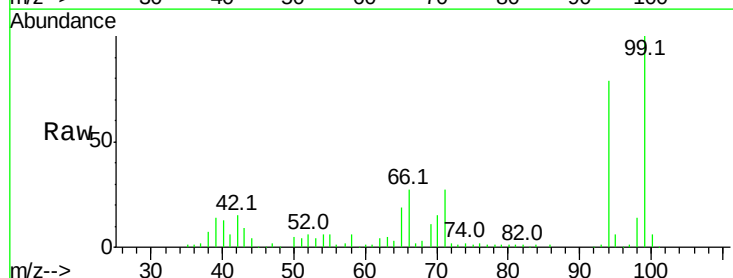
Tgt Ion: 94 Resp: 103427

Ion Ratio Lower Upper

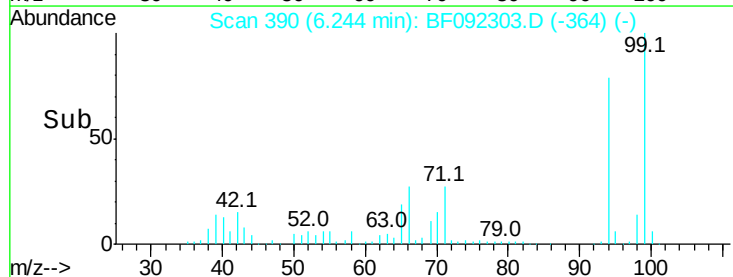
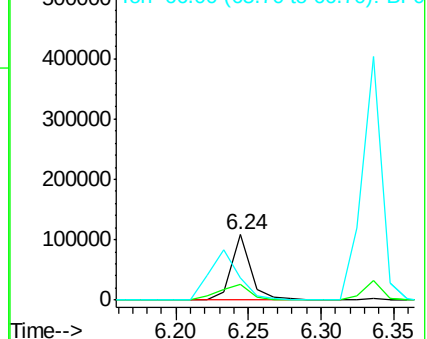
94 100

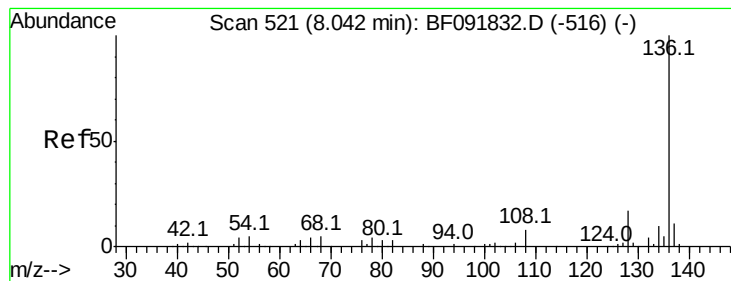
65 24.5 21.4 61.4

66 33.8 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

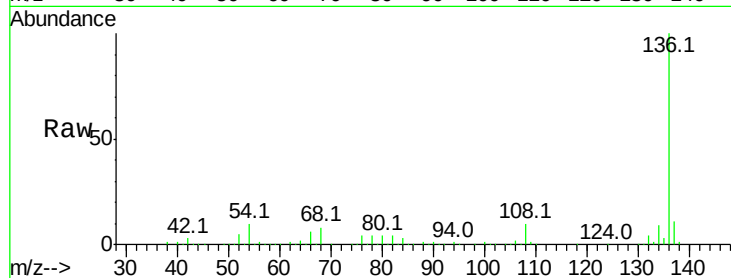




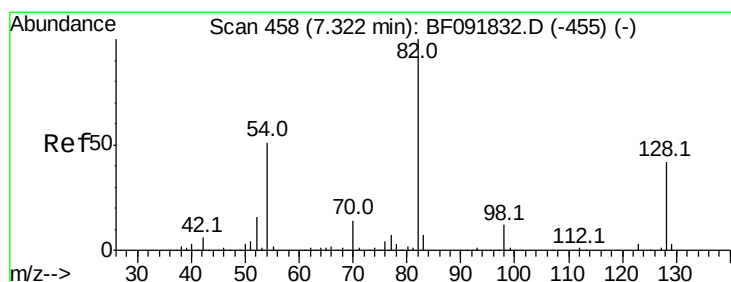
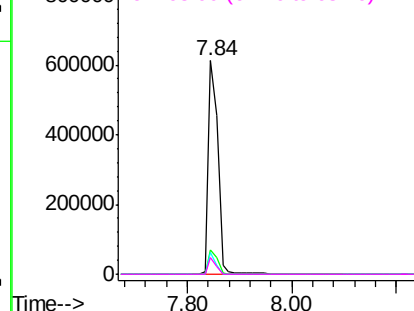
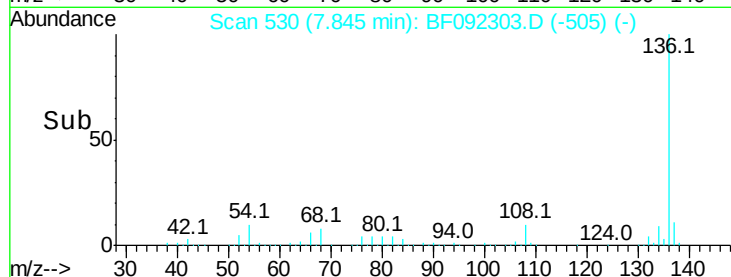
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion:136	Resp:	780073
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.4 12.6
54	9.9	4.5 6.7#
68	7.9	3.6 5.4#

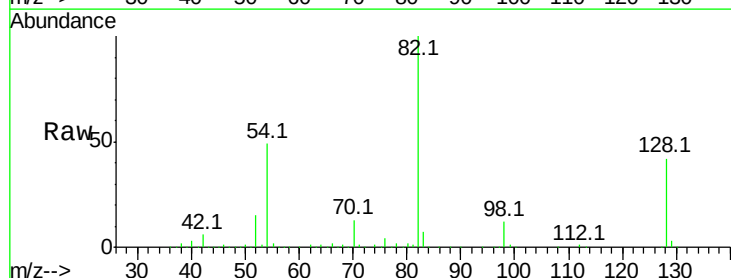


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

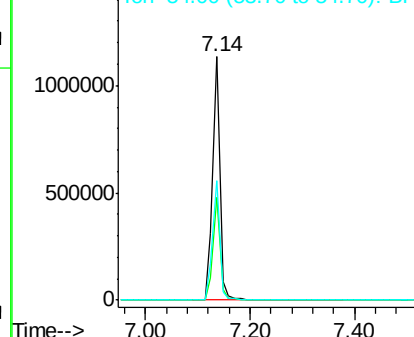
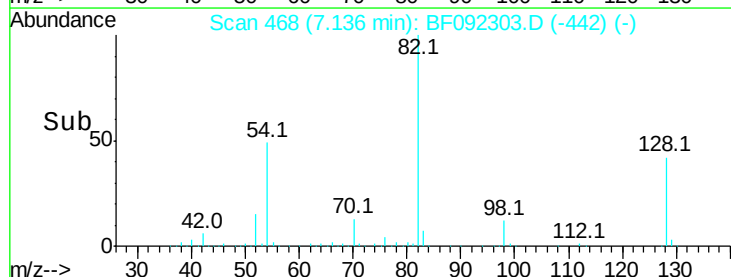


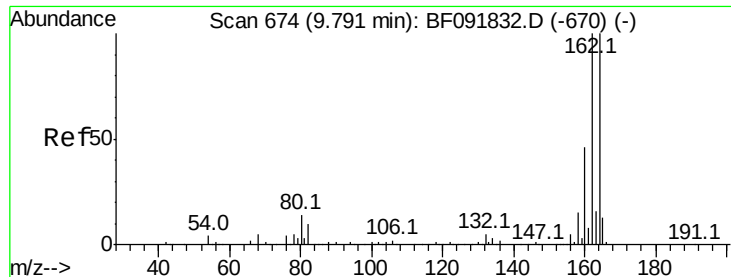
#23
Nitrobenzene-d5
Concen: 78.10 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Tgt Ion: 82	Resp:	1095574
Ion	Ratio	Lower Upper
82	100	
128	42.3	34.6 52.0
54	48.9	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: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

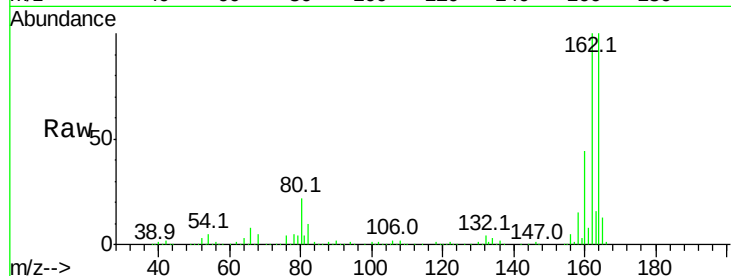
Tot Ion:164 Resp: 490130

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

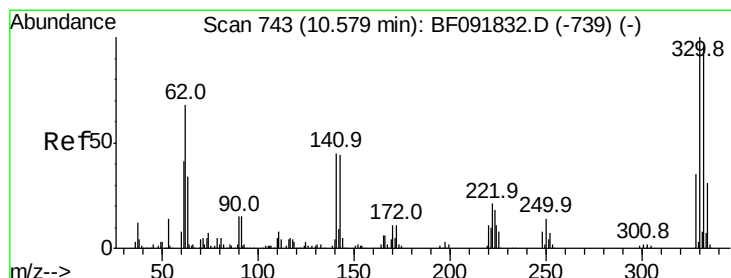
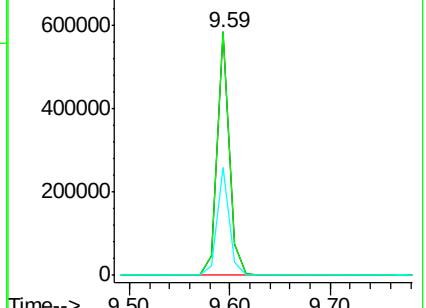
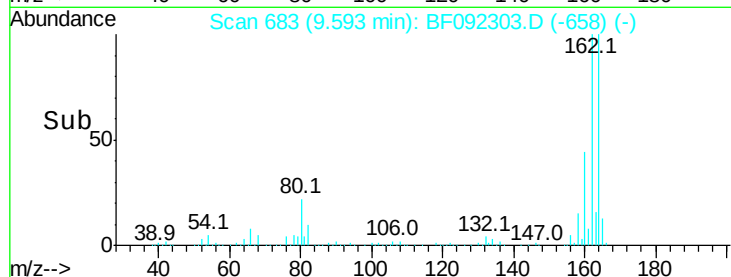
160 44.4 36.9 55.3



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: 106.47 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

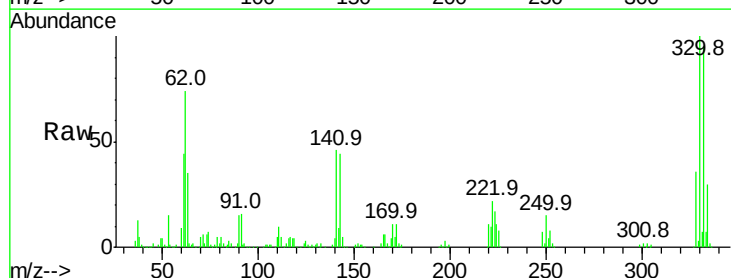
Tgt Ion:330 Resp: 431864

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

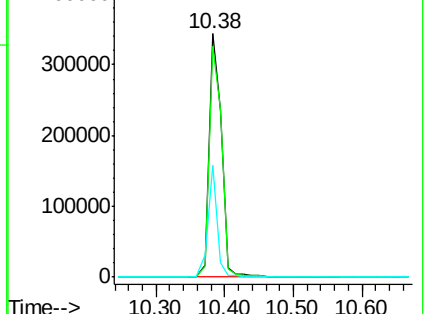
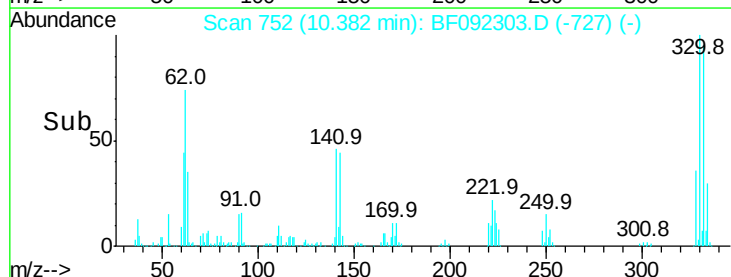
141 34.6 34.1 51.1

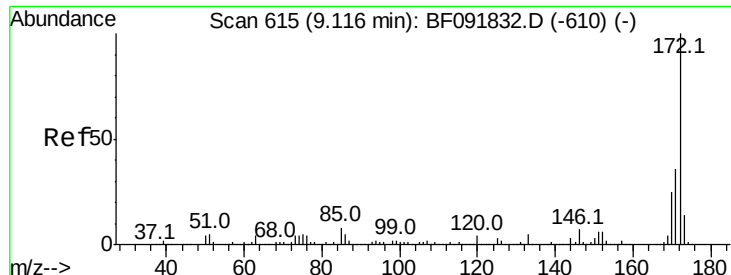


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

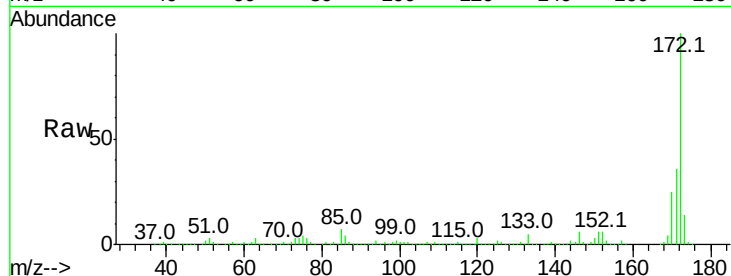




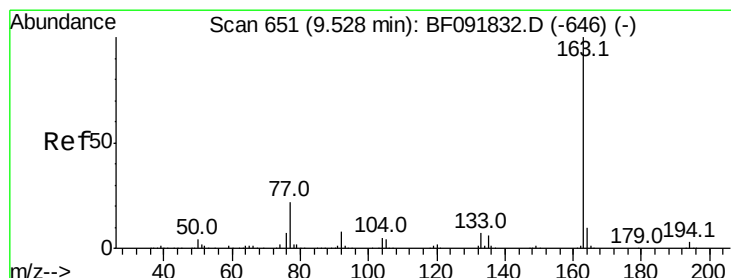
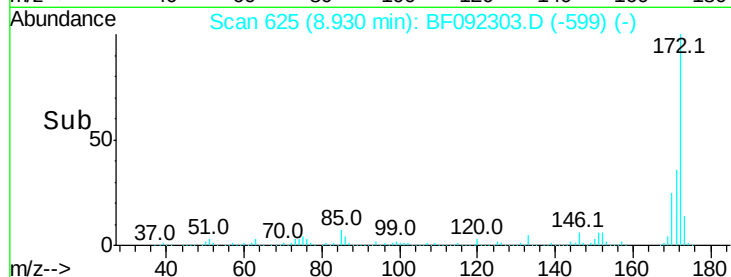
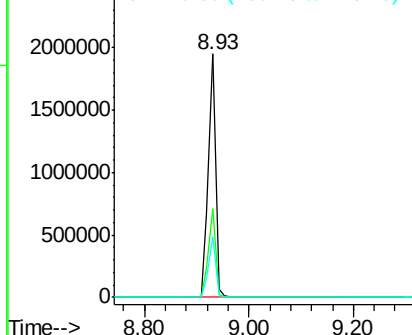
#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion:172 Resp: 1871899
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.6 20.2 30.4

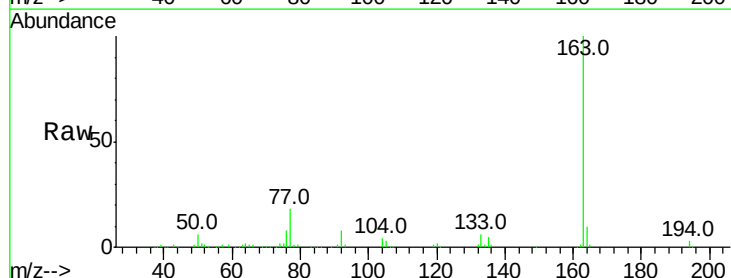


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

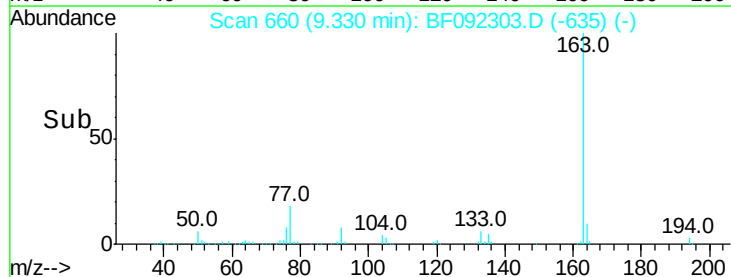
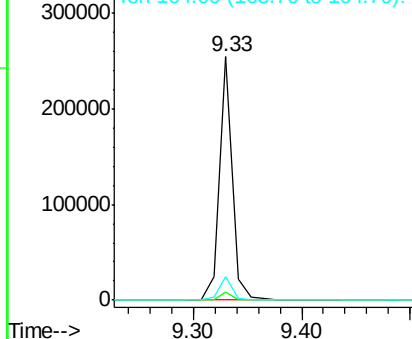


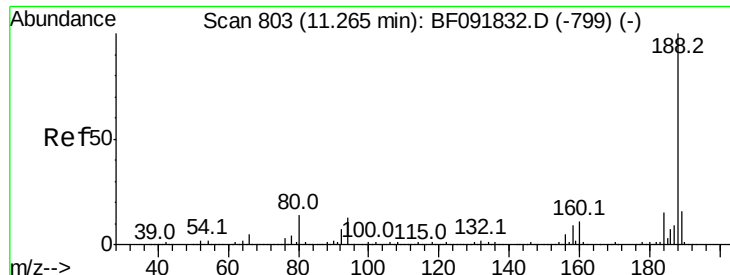
#49
Dimethylphthalate
Concen: 6.74 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Tgt Ion:163 Resp: 211430
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 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

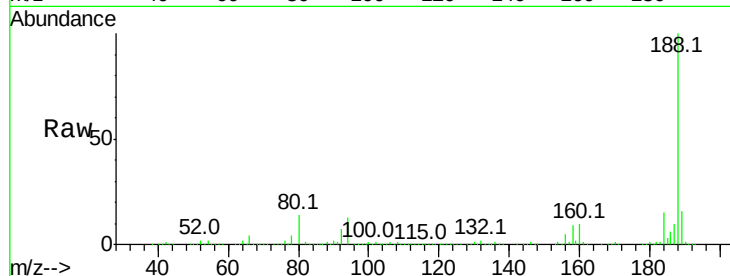




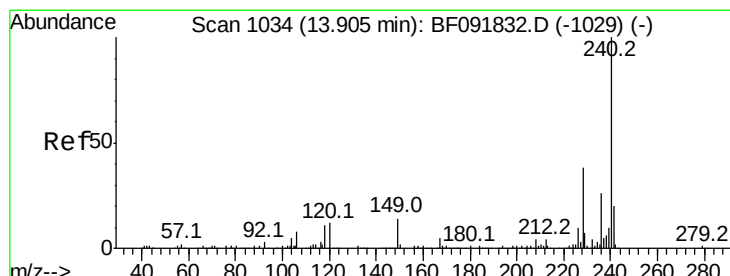
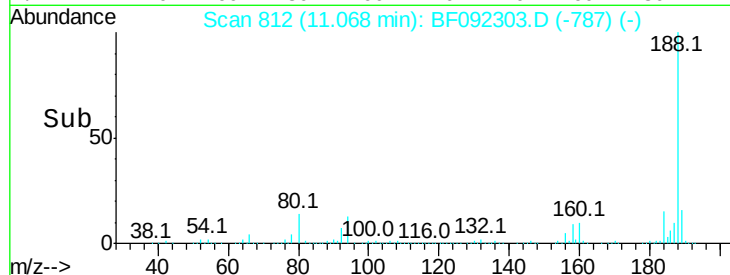
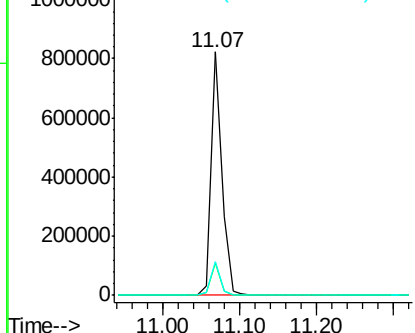
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion:188 Resp: 788554
Ion Ratio Lower Upper
188 100
94 13.2 10.0 15.0
80 14.1 11.2 16.8

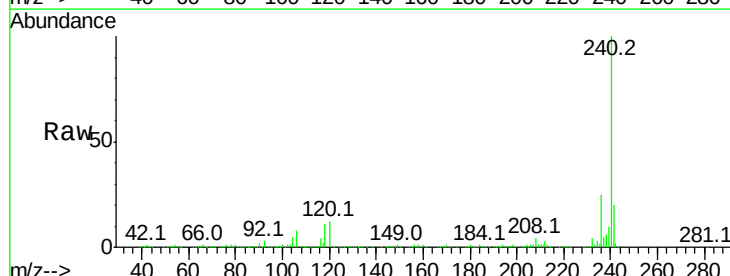


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

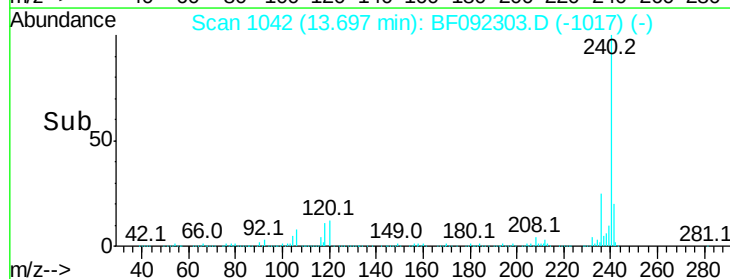
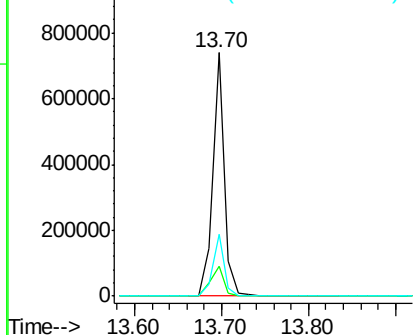


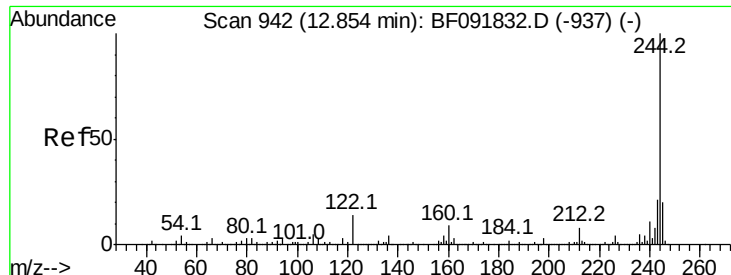
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092303.D
Acq: 16 Jan 2017 23:46

Tgt Ion:240 Resp: 693668
Ion Ratio Lower Upper
240 100
120 12.1 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: 57.86 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

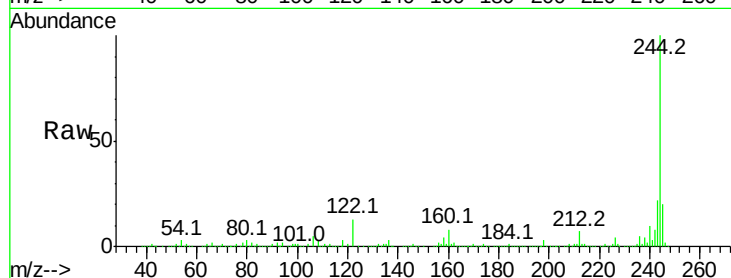
Tot Ion:244 Resp: 1654979

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

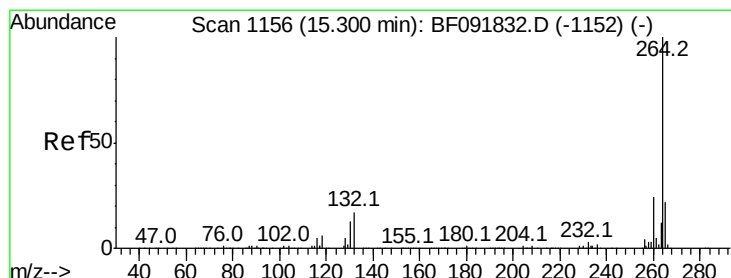
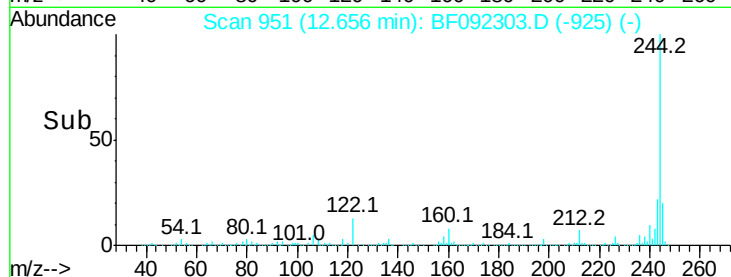
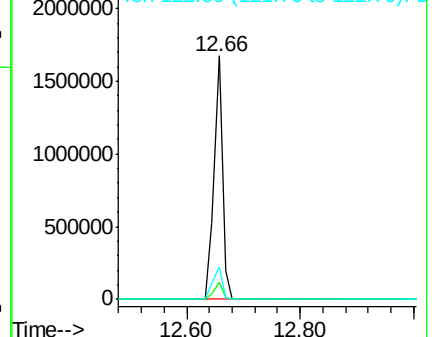
122 13.5 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092303.D

Acq: 16 Jan 2017 23:46

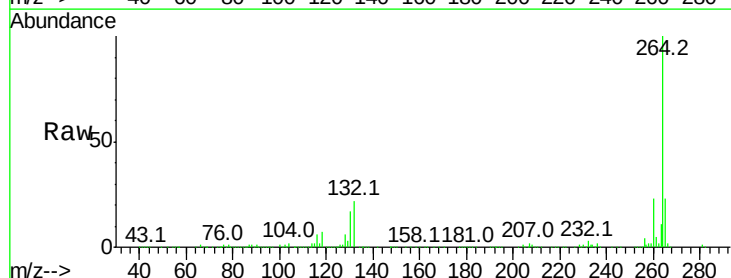
Tgt Ion:264 Resp: 452559

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.6 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

