

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092296.D
 Acq On : 16 Jan 2017 20:28
 Operator : UM/SJ
 Sample : I1197-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jan 17 01:33:45 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

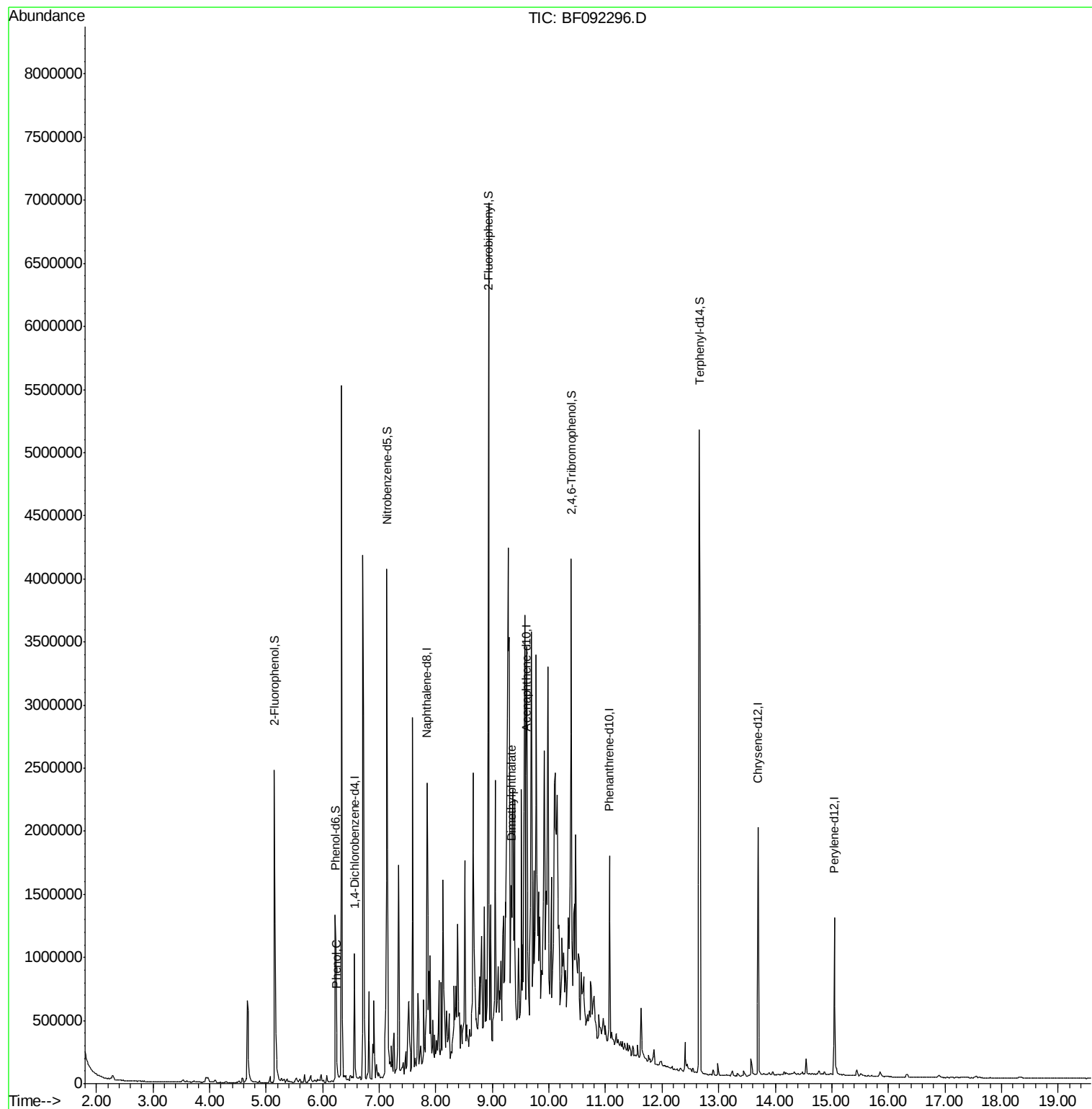
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	205324	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	877147	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	474880	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	711658	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	701310	20.00	ng	-0.01
86) Perylene-d12	15.05	264	527722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	946665	76.98	ng	0.00
7) Phenol-d6	6.22	99	758441	50.52	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1396650	88.54	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	497694	126.64	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2395809	106.66	ng	0.00
78) Terphenyl-d14	12.66	244	2384874	82.47	ng	0.00
Target Compounds						
10) Phenol	6.24	94	35784	2.09	ng	Qvalue 87
49) Dimethylphthalate	9.33	163	112418	3.70	ng	# 86

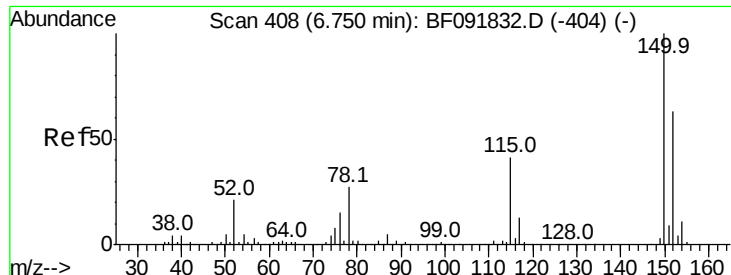
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092296.D

Acq: 16 Jan 2017 20:28

Instrument :

BNA_F

ClientSampled :

W-38

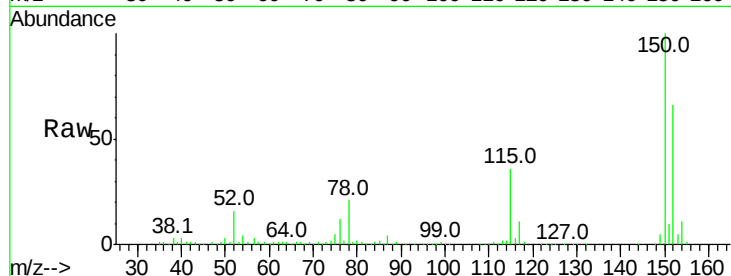
Tot Ion:152 Resp: 205324

Ion Ratio Lower Upper

152 100

150 152.0 124.9 187.3

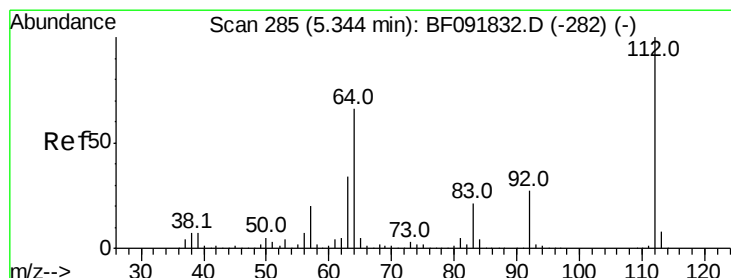
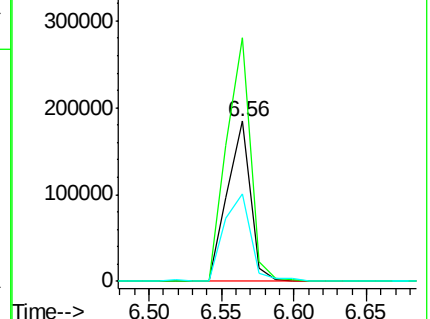
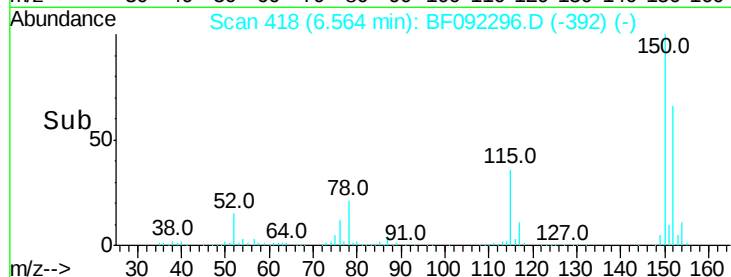
115 55.0 46.0 69.0



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: 76.98 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

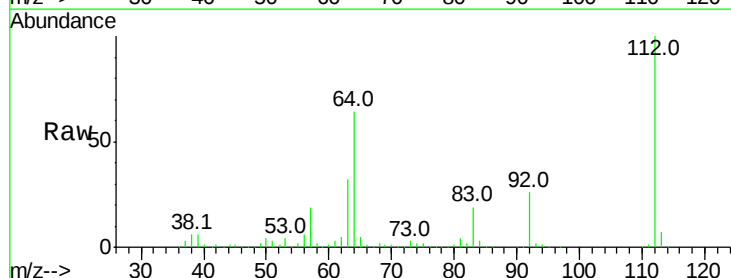
Tgt Ion:112 Resp: 946665

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

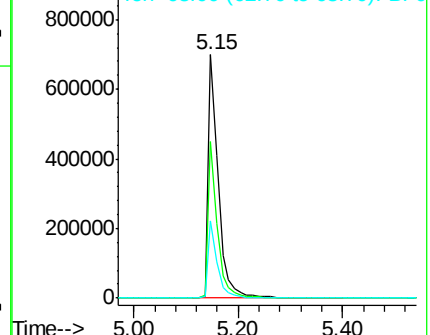
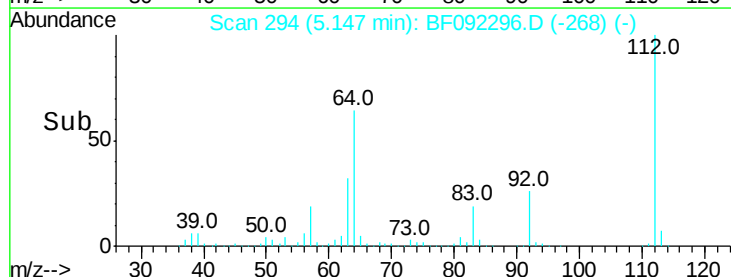
63 31.8 23.8 35.6

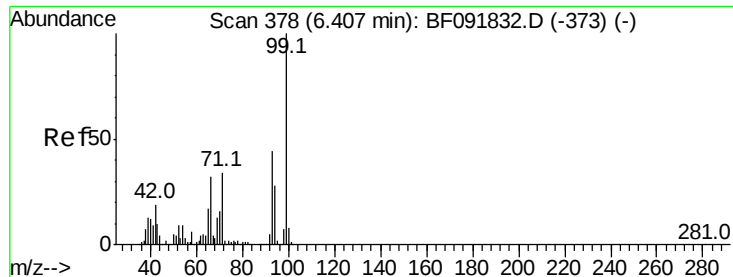


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.52 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

W-38

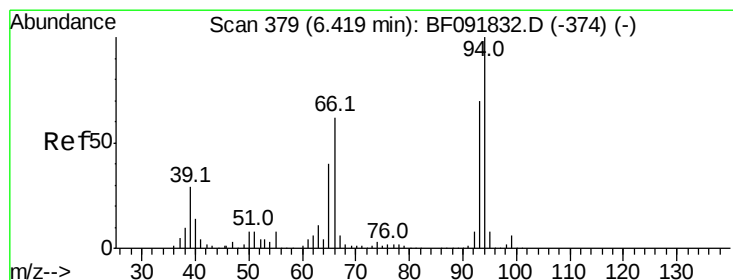
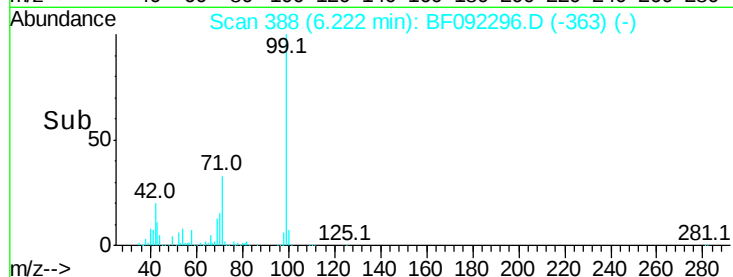
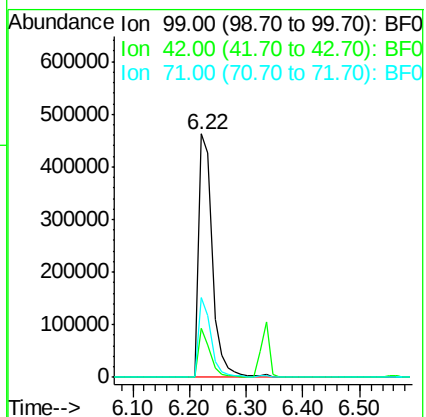
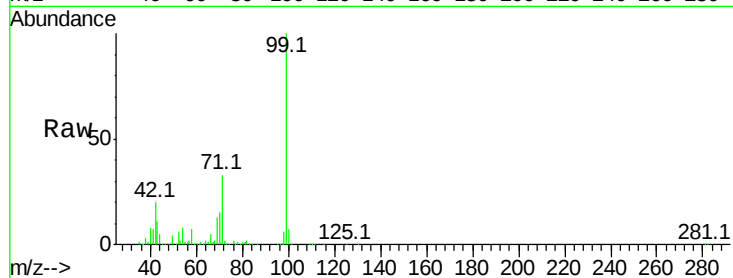
Tot Ion: 99 Resp: 758441

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 33.0 27.5 41.3



#10

Phenol

Concen: 2.09 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

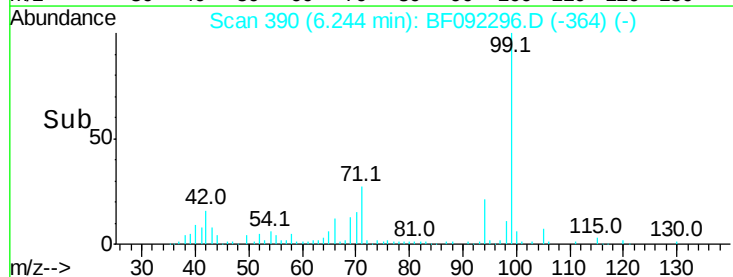
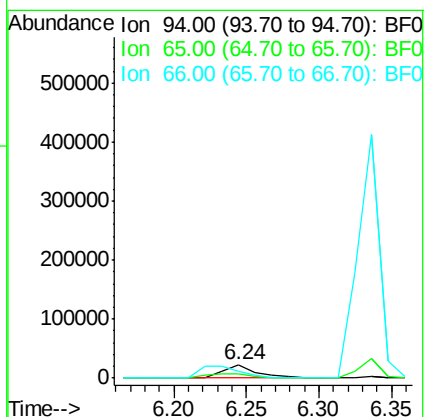
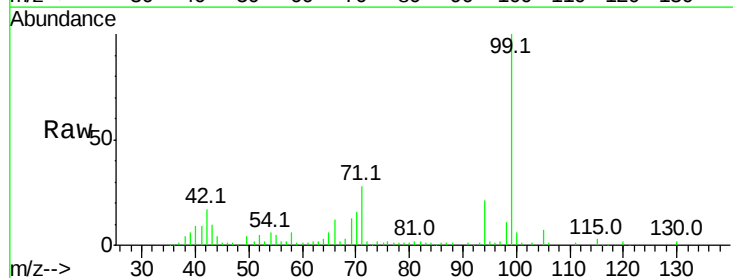
Tgt Ion: 94 Resp: 35784

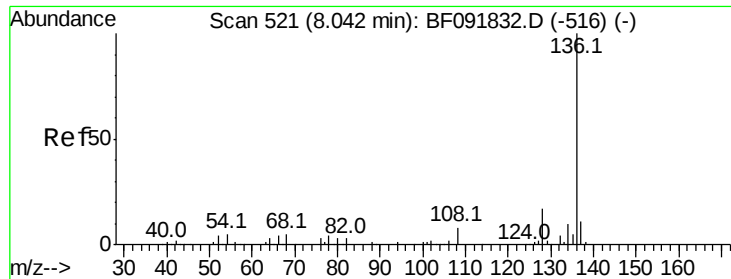
Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

66 56.1 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 877147

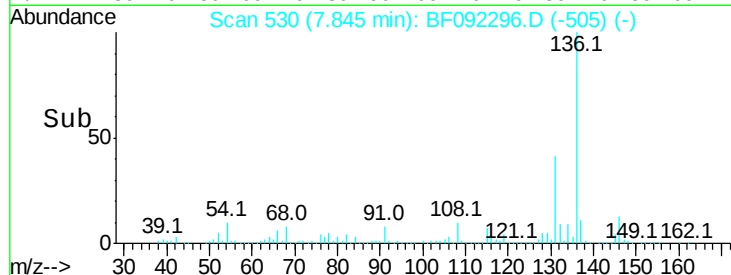
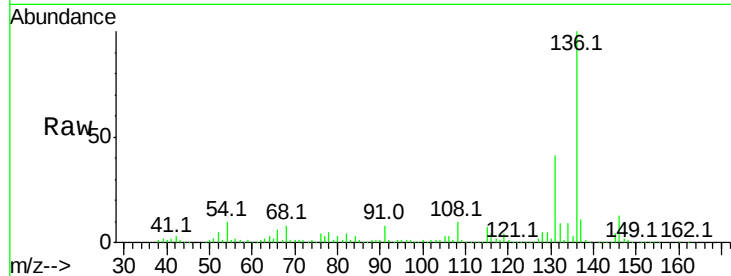
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.1 4.5 6.7#

68 8.2 3.6 5.4#

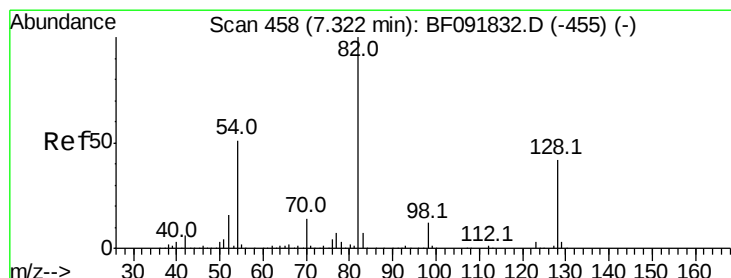
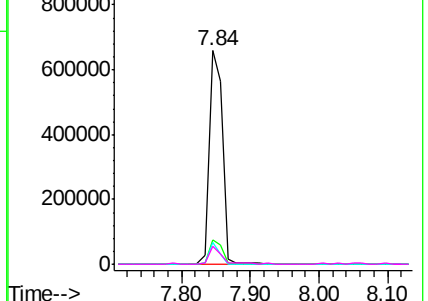


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.54 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

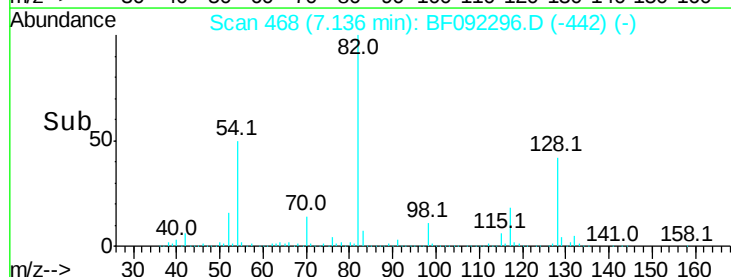
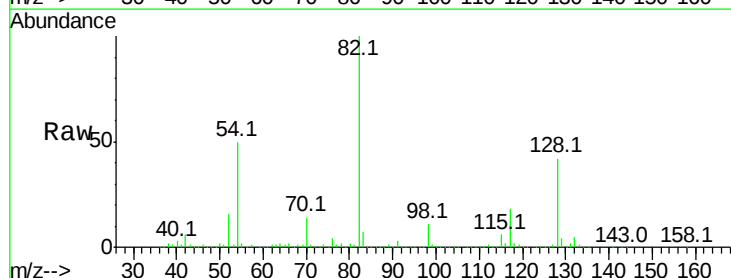
Tgt Ion: 82 Resp: 1396650

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

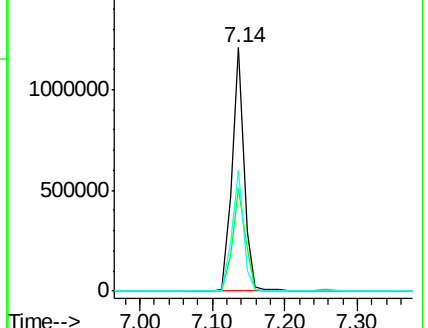
54 49.7 39.5 59.3

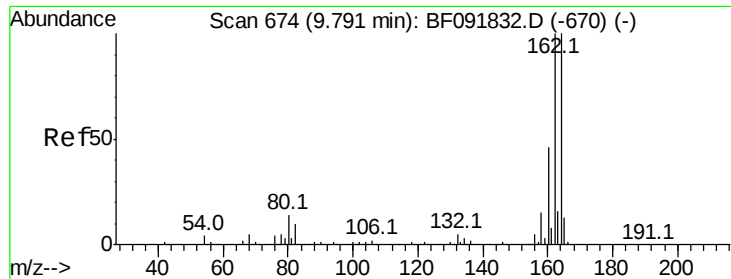


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF092296.D

Acq: 16 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

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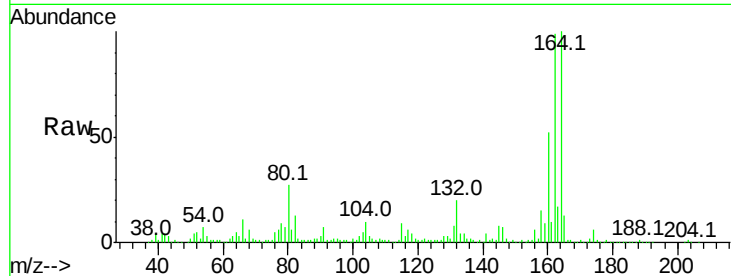
Tot Ion:164 Resp: 474880

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.2

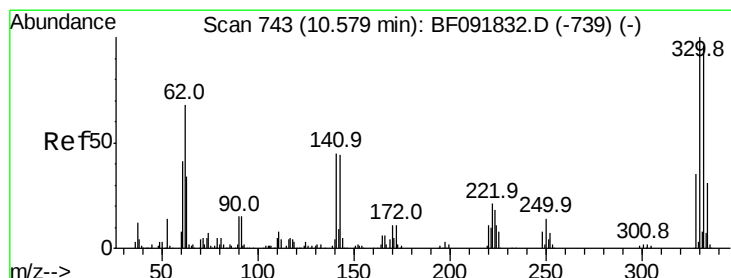
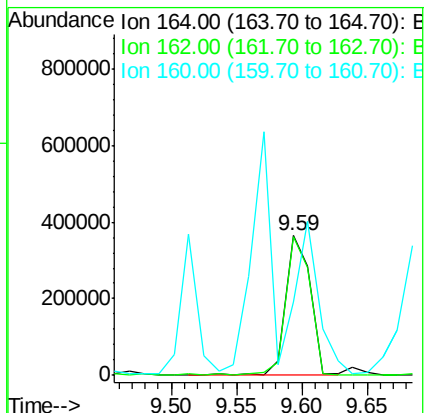
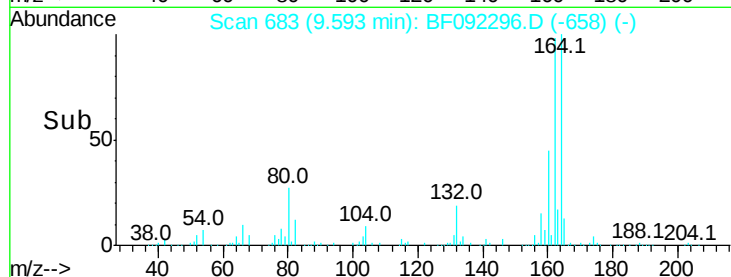
160 52.2 36.9 55.3



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: 126.64 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

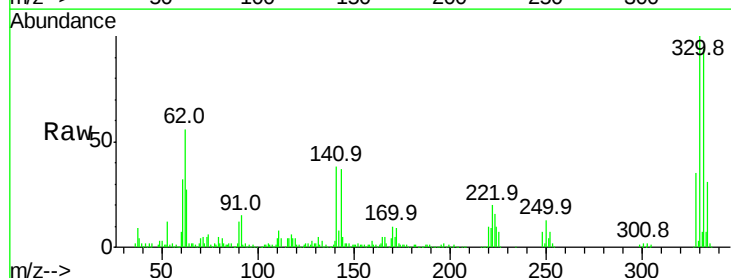
Tgt Ion:330 Resp: 497694

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

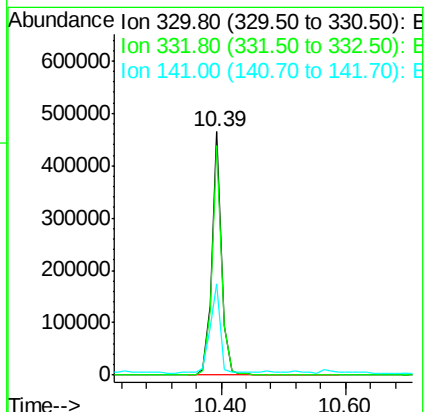
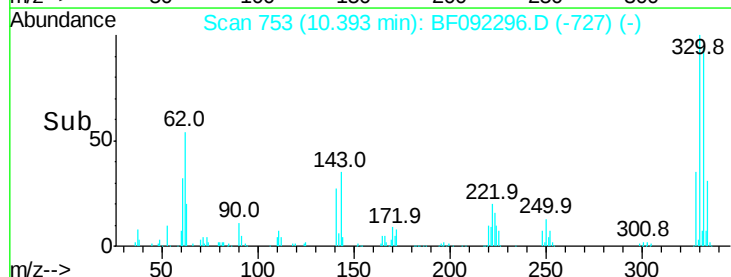
141 39.7 34.1 51.1

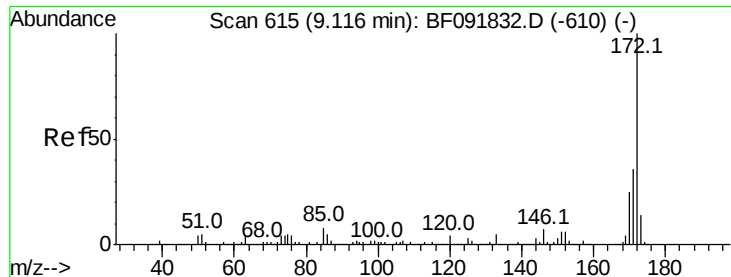


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

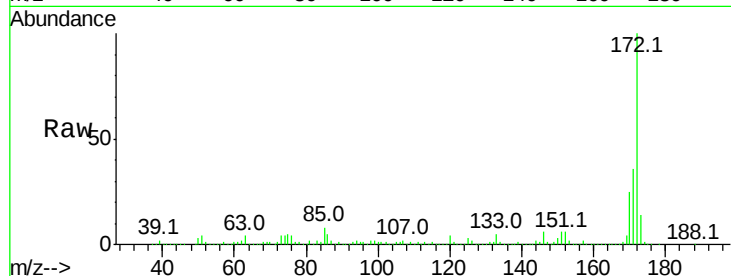




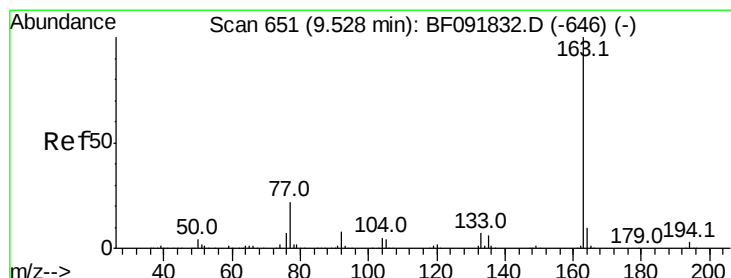
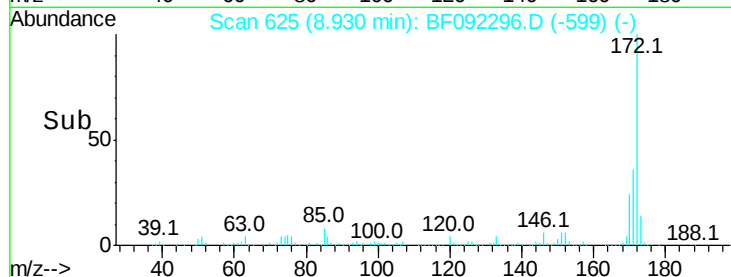
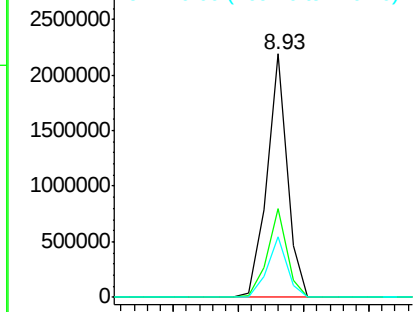
#44
2-Fluorobiphenyl
Concen: 106.66 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092296.D
Acq: 16 Jan 2017 20:28

Instrument :
BNA_F
ClientSampleID :
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Tot Ion:172 Resp: 2395809
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.7 20.2 30.4

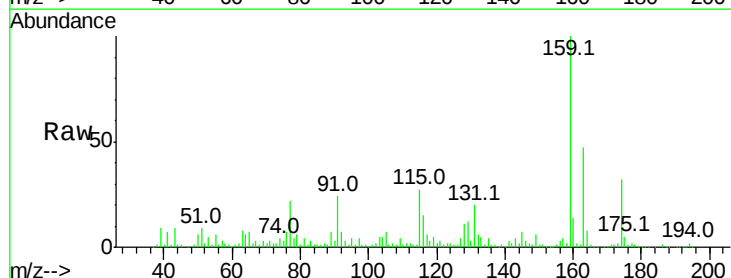


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

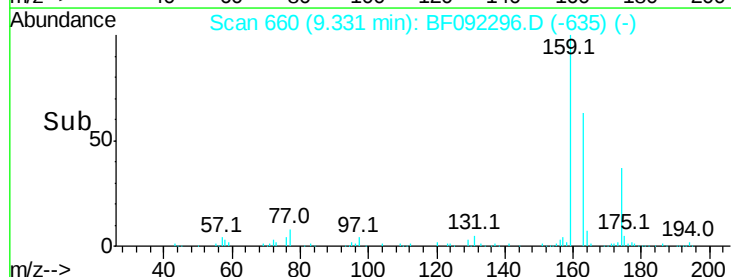
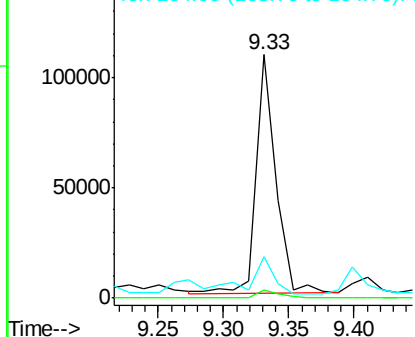


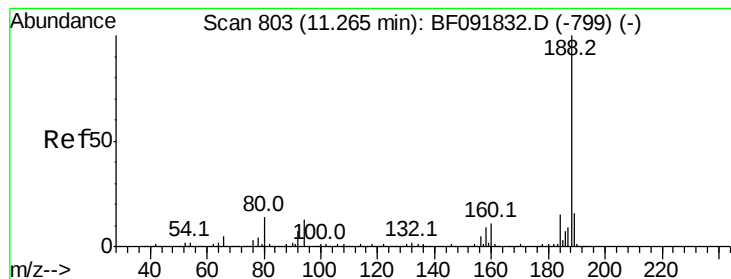
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF092296.D
Acq: 16 Jan 2017 20:28

Tgt Ion:163 Resp: 112418
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 16.8 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: BF092296.D

Acq: 16 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

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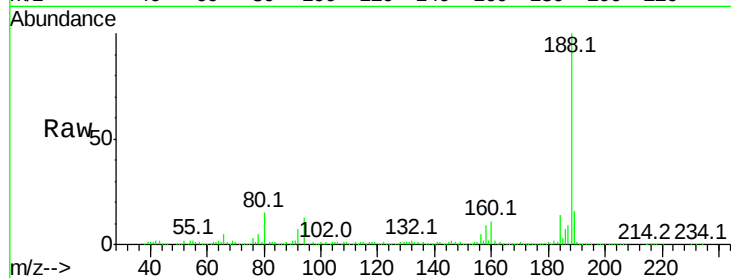
Tot Ion:188 Resp: 711658

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

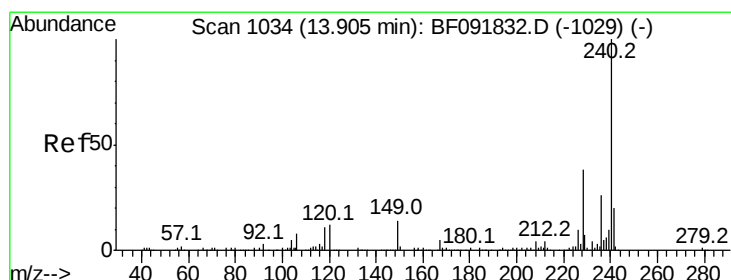
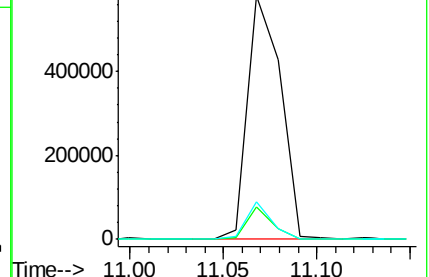
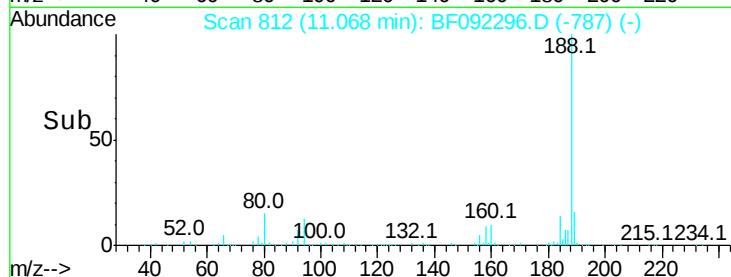
80 15.3 11.2 16.8



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: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092296.D

Acq: 16 Jan 2017 20:28

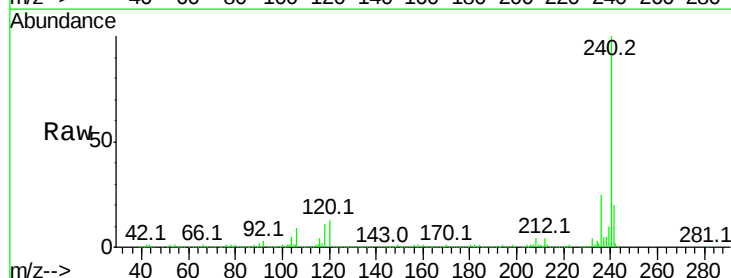
Tgt Ion:240 Resp: 701310

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

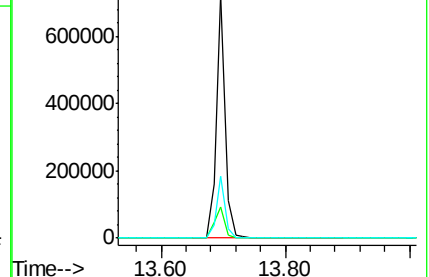
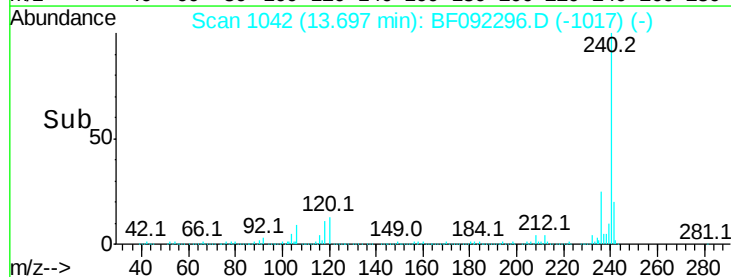
236 25.4 20.9 31.3

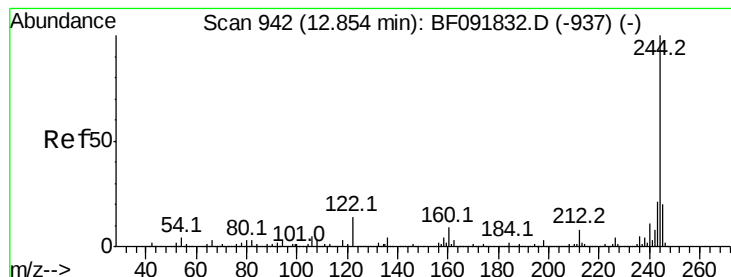


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.47 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092296.D

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Instrument :

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ClientSampleId :

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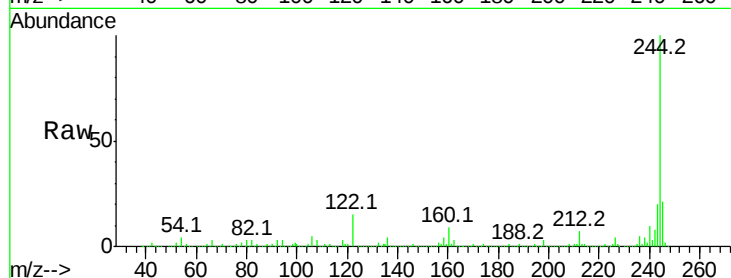
Tot Ion:244 Resp: 2384874

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

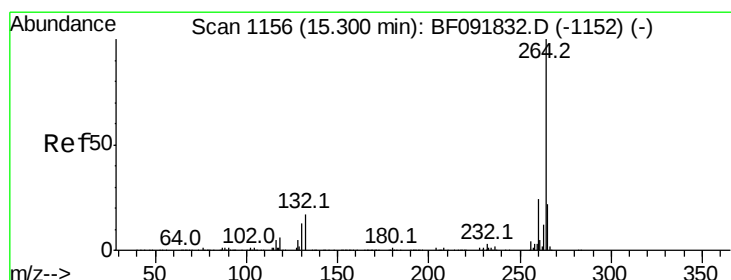
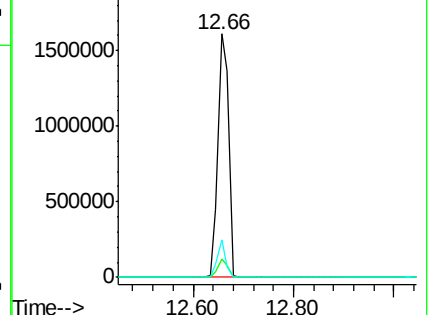
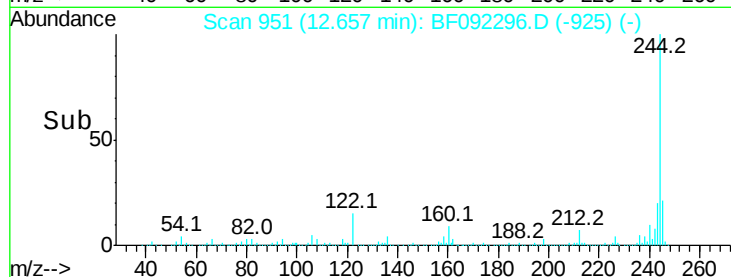
122 15.2 11.4 17.2



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: BF092296.D

Acq: 16 Jan 2017 20:28

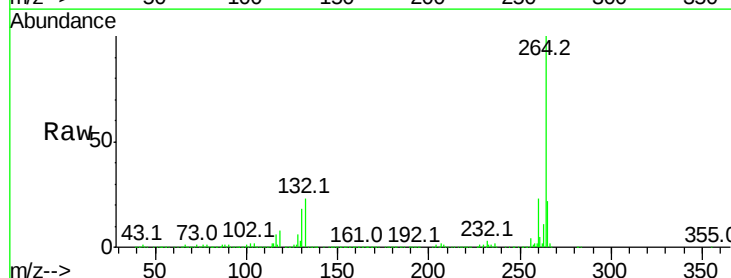
Tgt Ion:264 Resp: 527722

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 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

