

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092610.D
 Acq On : 28 Jan 2017 7:28
 Operator : SJ/MA
 Sample : I1527-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Quant Time: Jan 30 00:07:23 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

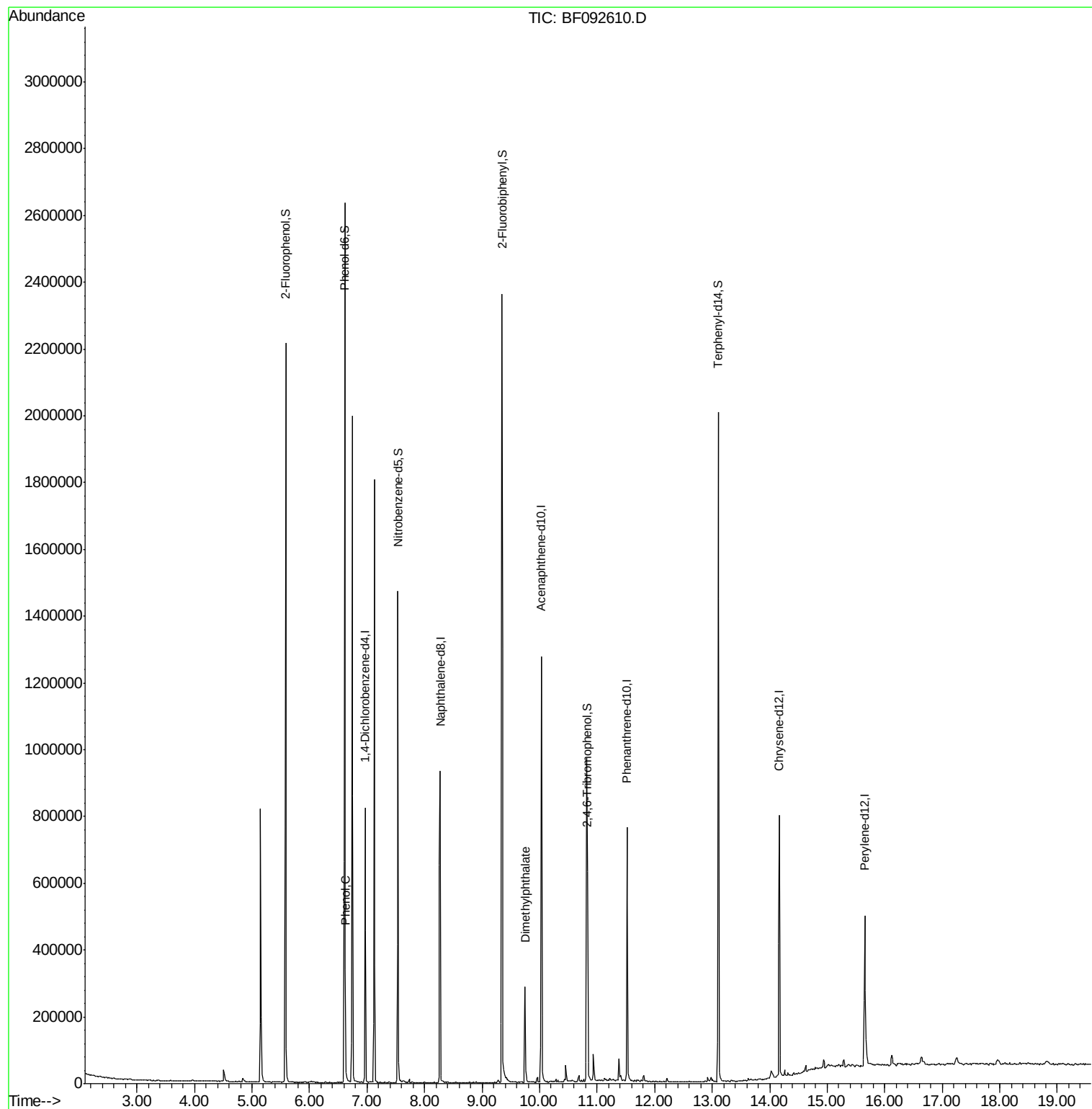
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148045	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	565559	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	267689	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	374463	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	324931	20.00	ng	0.00
86) Perylene-d12	15.65	264	233991	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	591071	62.12	ng	0.03
7) Phenol-d6	6.61	99	779620	64.32	ng	0.02
23) Nitrobenzene-d5	7.54	82	459008	44.33	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	142591	78.17	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	978014	67.56	ng	-0.01
78) Terphenyl-d14	13.11	244	827635	67.83	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	38998	2.67	ng	Qvalue # 70
49) Dimethylphthalate	9.74	163	127655	7.50	ng	99

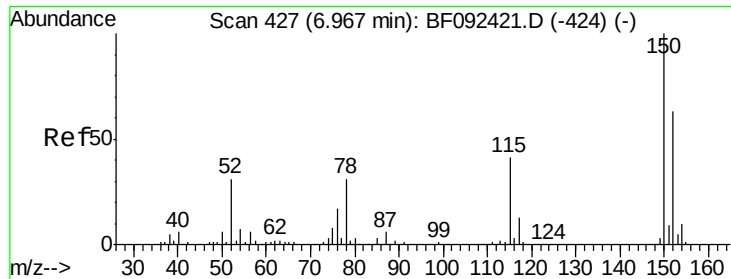
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092610.D

Acq: 28 Jan 2017 7:28

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BNA_F

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SB-11-COMP

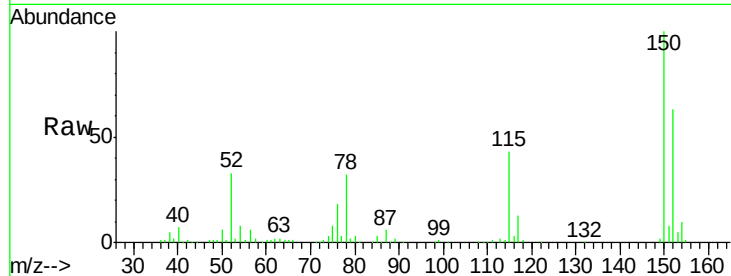
Tgt Ion:152 Resp: 148045

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

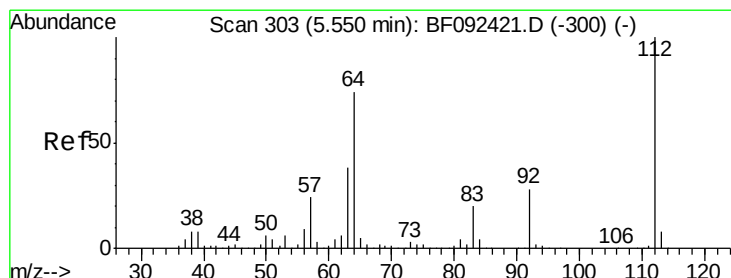
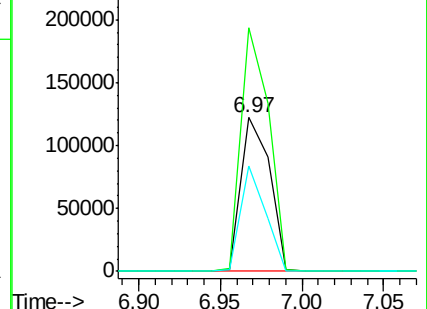
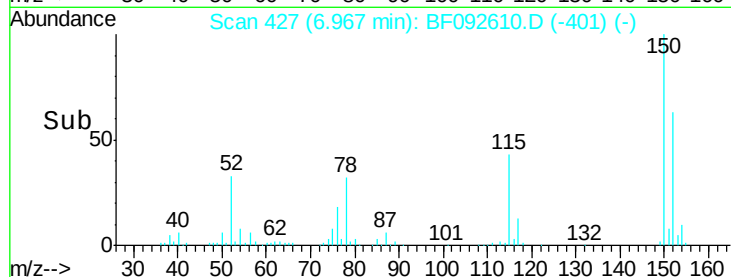
115 68.6 46.0 69.0



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: 62.12 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092610.D

Acq: 28 Jan 2017 7:28

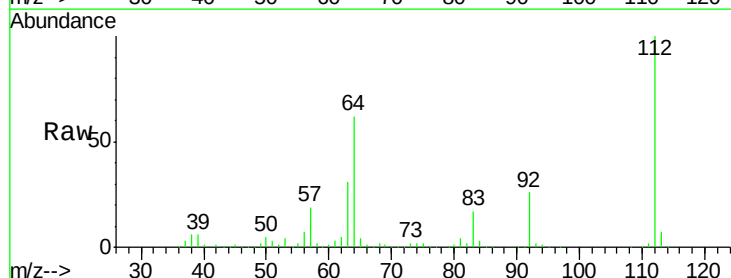
Tgt Ion:112 Resp: 591071

Ion Ratio Lower Upper

112 100

64 62.1 46.1 69.1

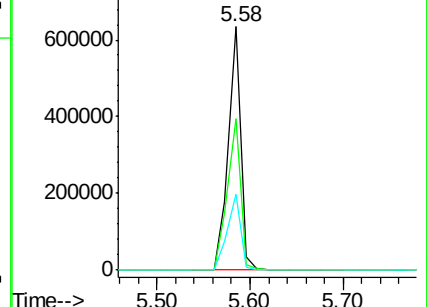
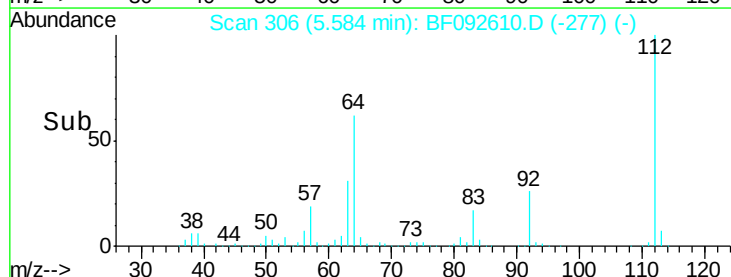
63 31.4 23.8 35.6

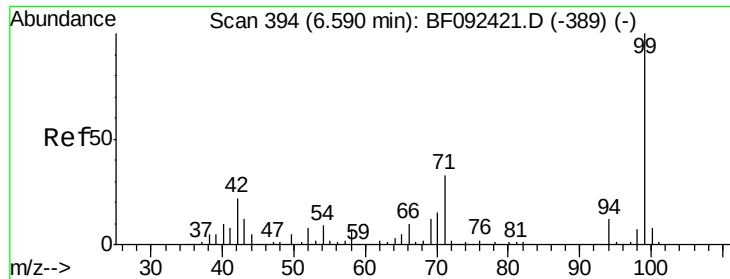


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.32 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092610.D

Acq: 28 Jan 2017 7:28

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

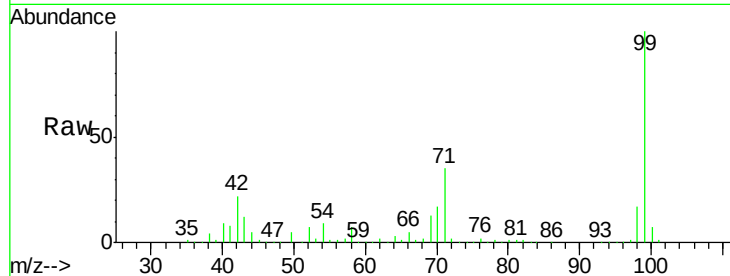
Tgt Ion: 99 Resp: 779620

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

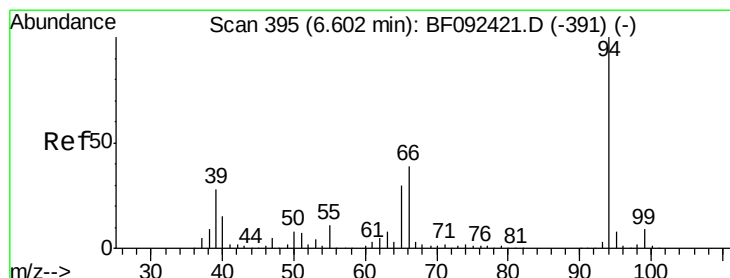
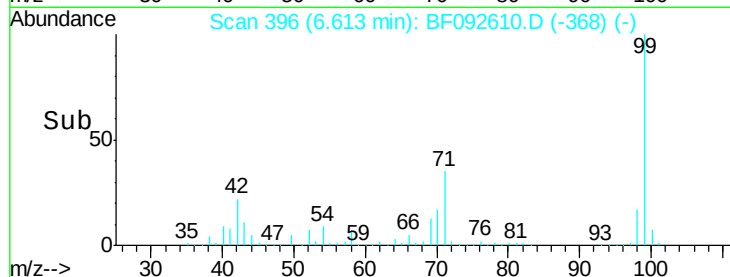
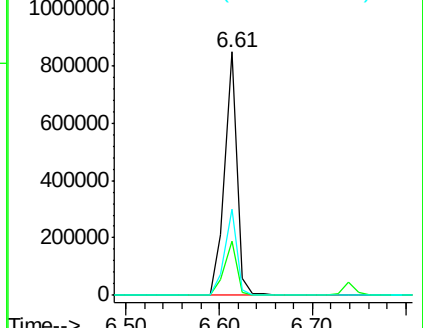
71 35.3 27.5 41.3



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: 2.67 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.02 min

Lab File: BF092610.D

Acq: 28 Jan 2017 7:28

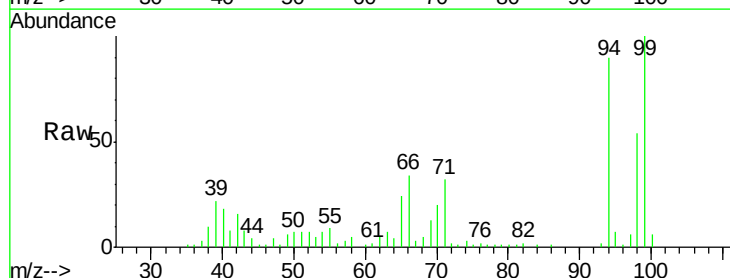
Tgt Ion: 94 Resp: 38998

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

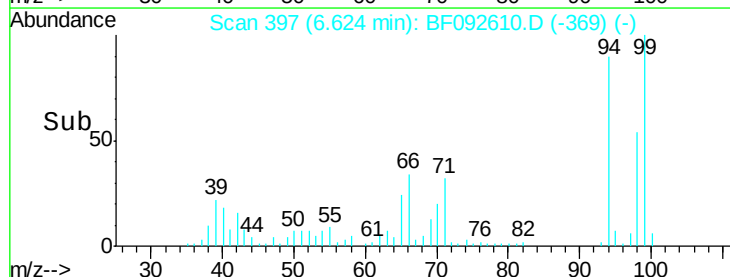
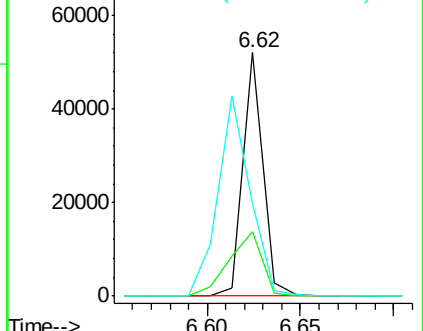
66 37.9 44.0 84.0#

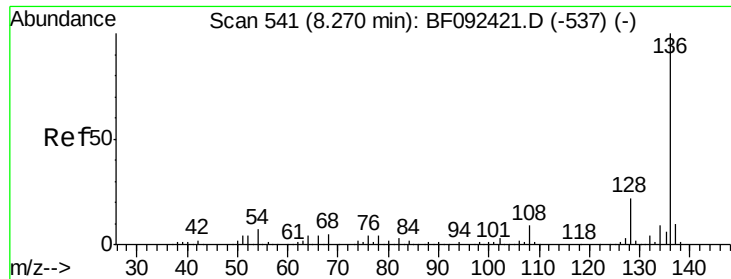


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

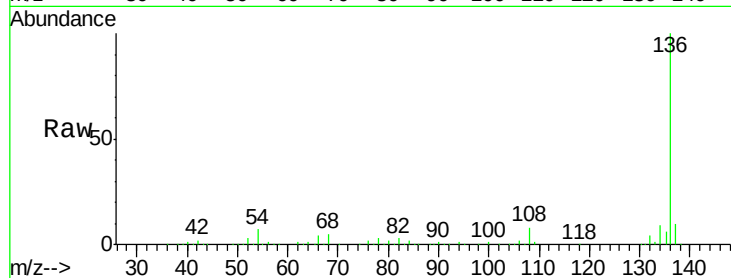




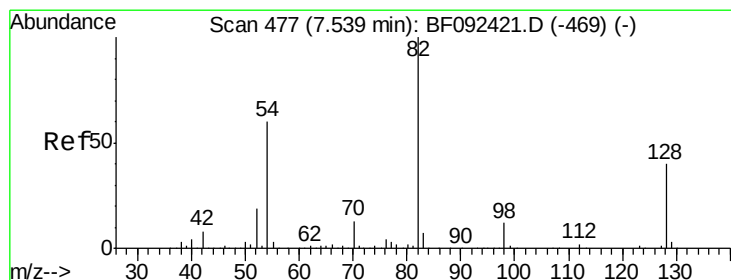
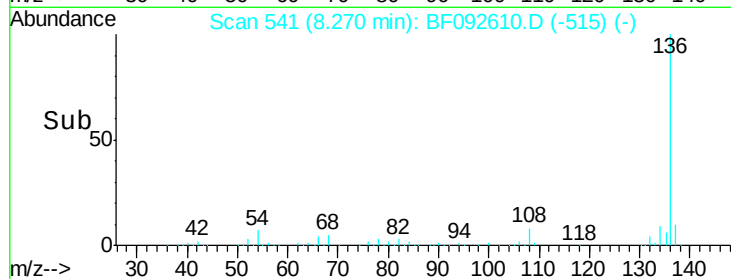
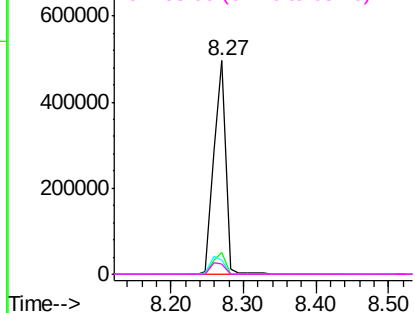
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:	136	Resp:	565559
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.7	4.5	6.7#
68	4.9	3.6	5.4

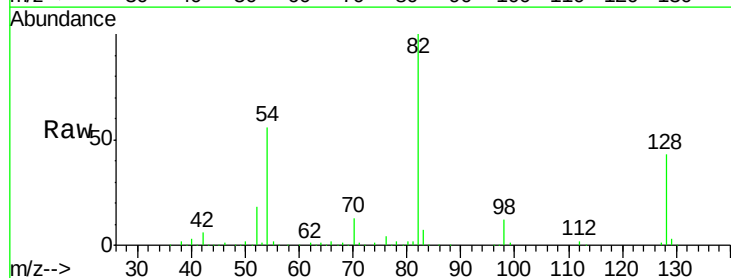


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

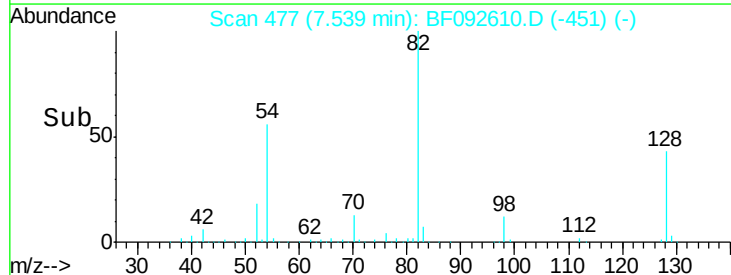
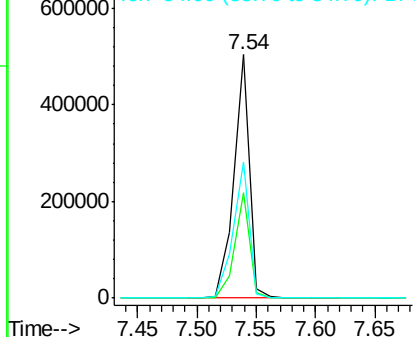


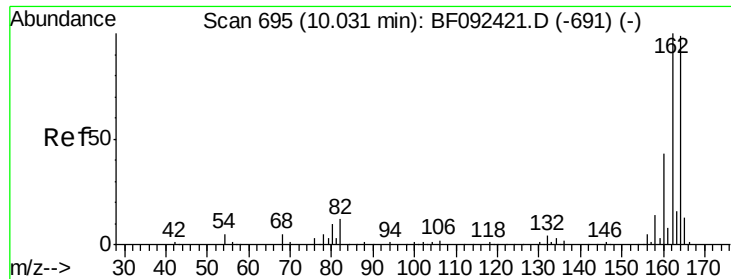
#23
Nitrobenzene-d5
Concen: 44.33 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Tgt Ion:	82	Resp:	459008
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	56.0	39.5	59.3



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

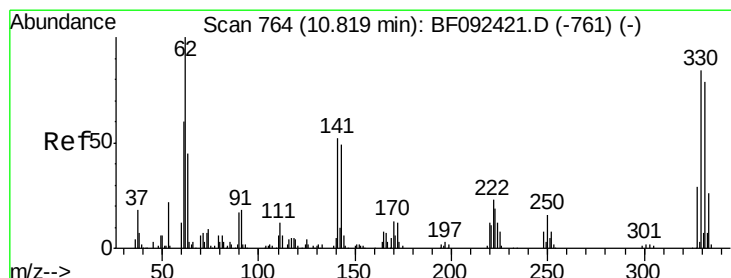
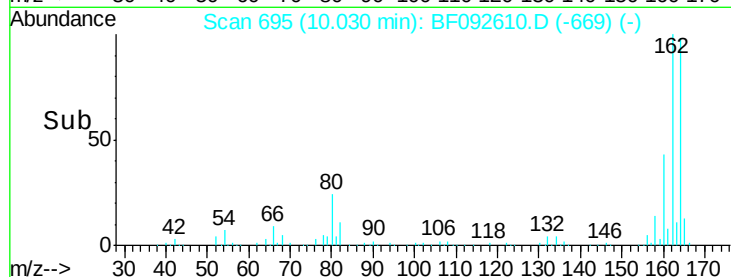
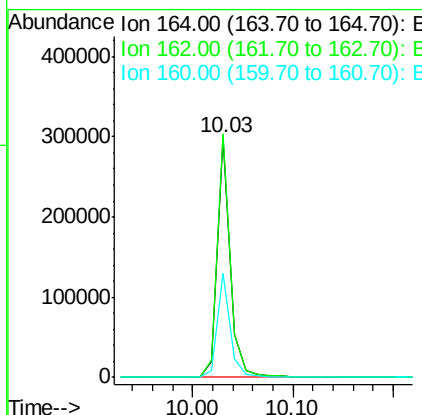
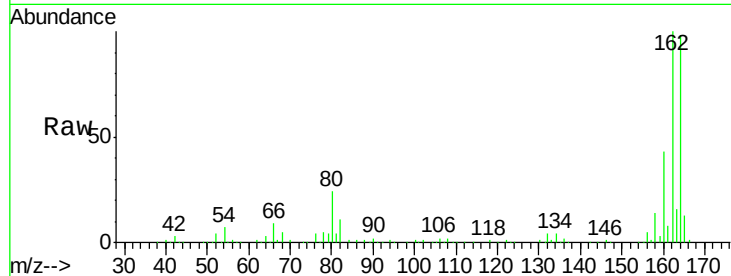




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092610.D
 Acq: 28 Jan 2017 7:28

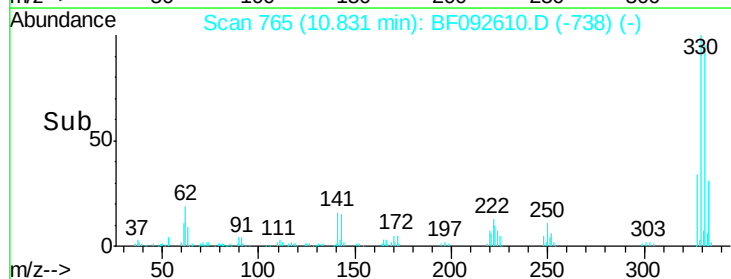
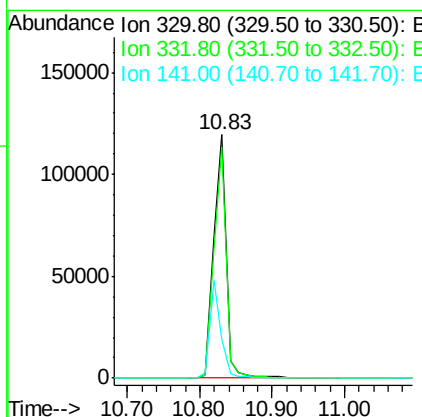
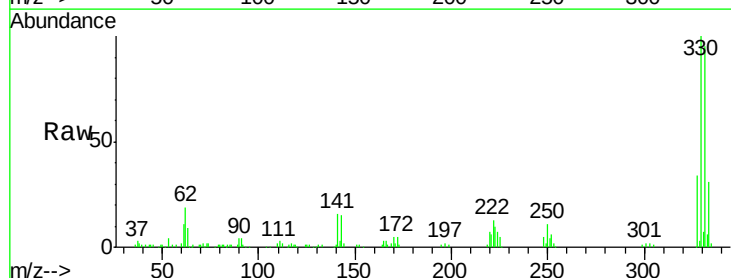
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

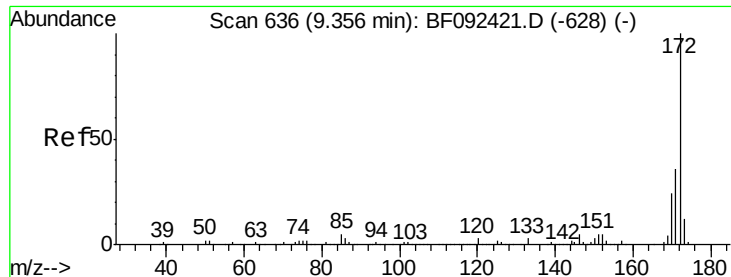
Tgt Ion:164 Resp: 267689
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 43.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 78.17 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092610.D
 Acq: 28 Jan 2017 7:28

Tgt Ion:330 Resp: 142591
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.4 116.2
 141 35.9 34.1 51.1

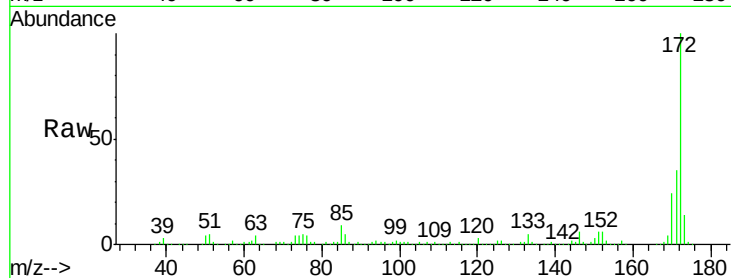




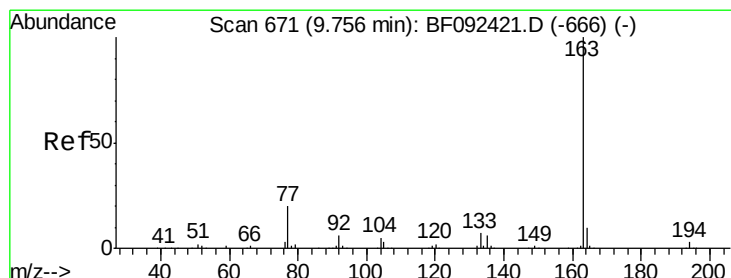
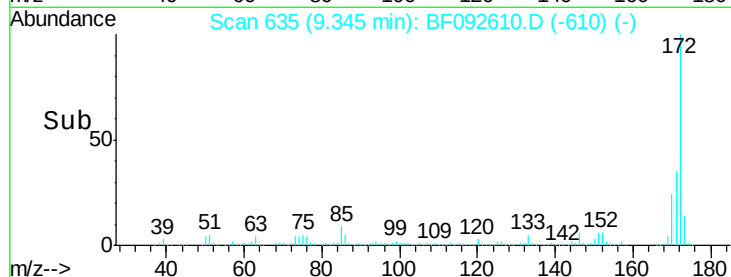
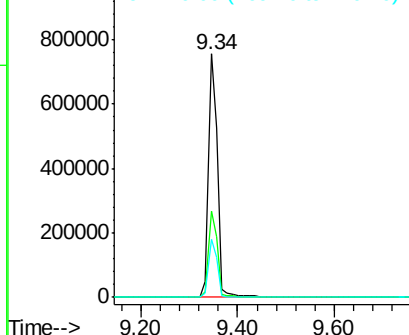
#44
2-Fluorobiphenyl
Concen: 67.56 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:172 Resp: 978014
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.7 20.2 30.4

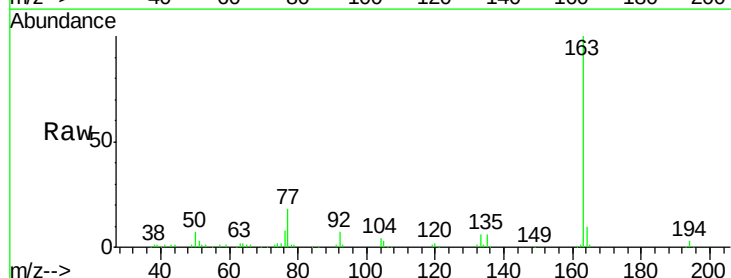


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

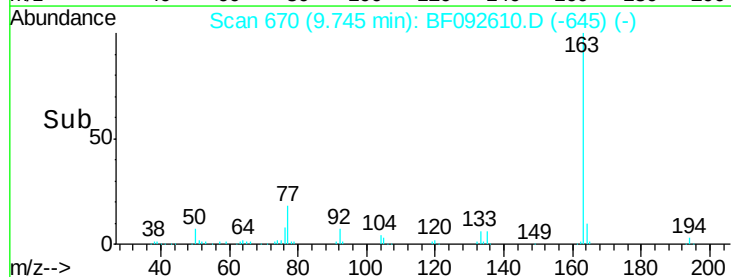
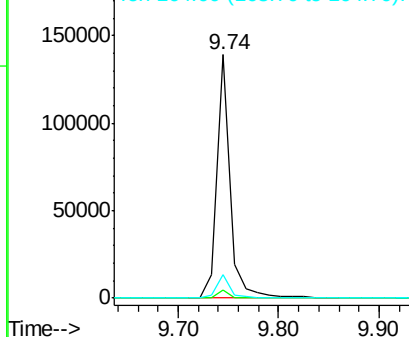


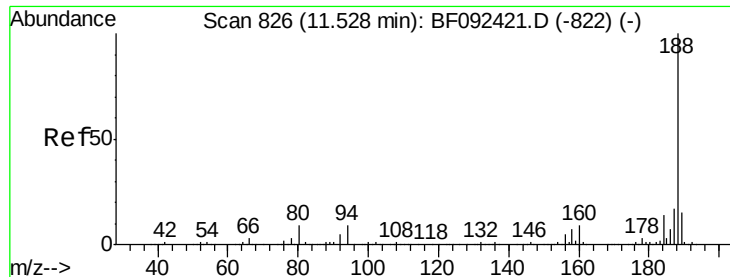
#49
Dimethylphthalate
Concen: 7.50 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Tgt Ion:163 Resp: 127655
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.5 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

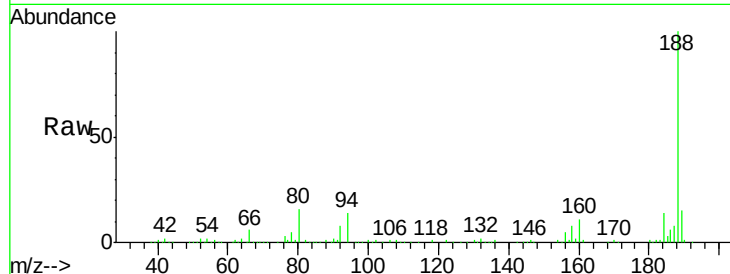




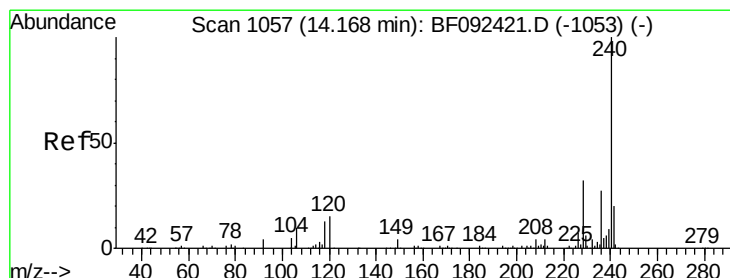
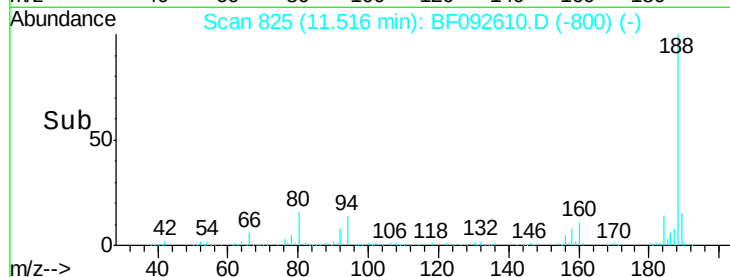
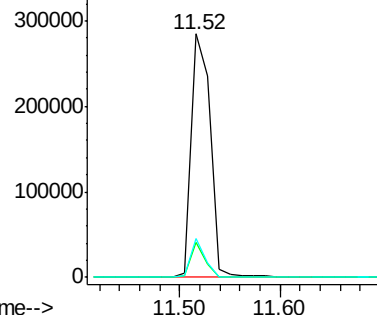
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Instrument :
BNA_F
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SB-11-COMP

Tgt Ion:188 Resp: 374463
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.9 11.2 16.8

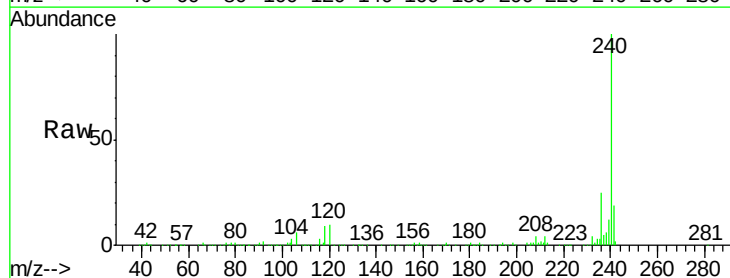


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

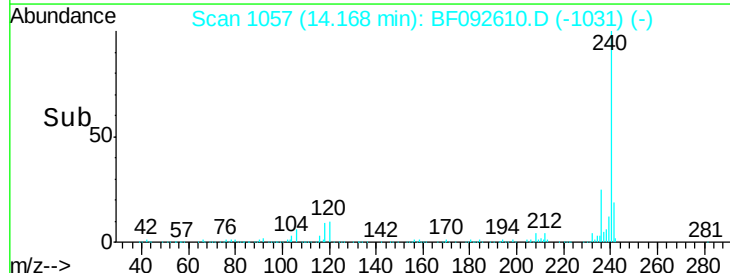
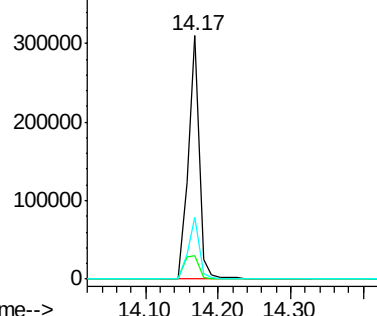


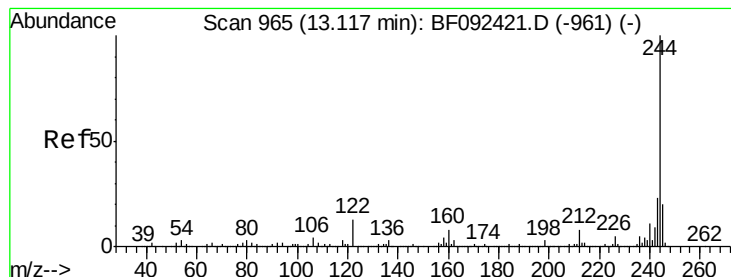
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092610.D
Acq: 28 Jan 2017 7:28

Tgt Ion:240 Resp: 324931
Ion Ratio Lower Upper
240 100
120 9.7 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: 67.83 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092610.D

Acq: 28 Jan 2017 7:28

Instrument :

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SB-11-COMP

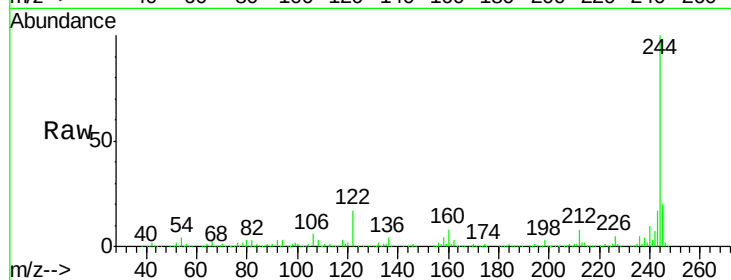
Tgt Ion:244 Resp: 827635

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

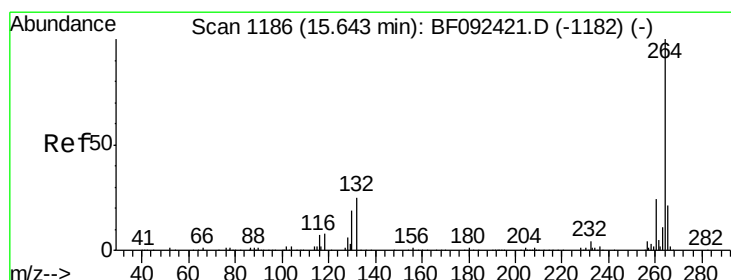
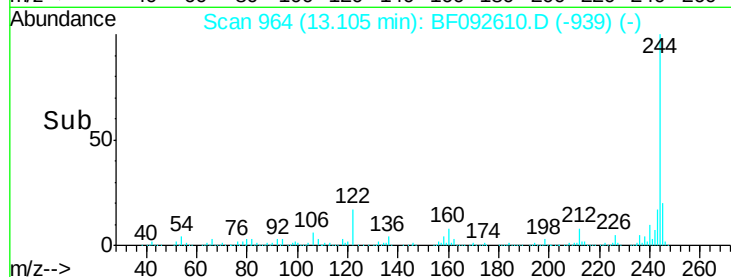
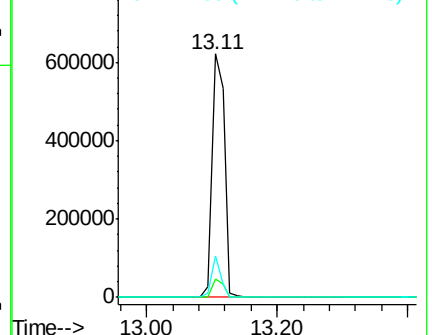
122 17.2 11.4 17.2#



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: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092610.D

Acq: 28 Jan 2017 7:28

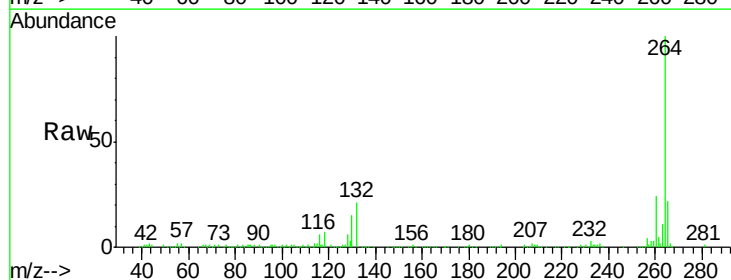
Tgt Ion:264 Resp: 233991

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 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

