

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092297.D
 Acq On : 16 Jan 2017 20:57
 Operator : UM/SJ
 Sample : I1197-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Time: Jan 17 01:36:44 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

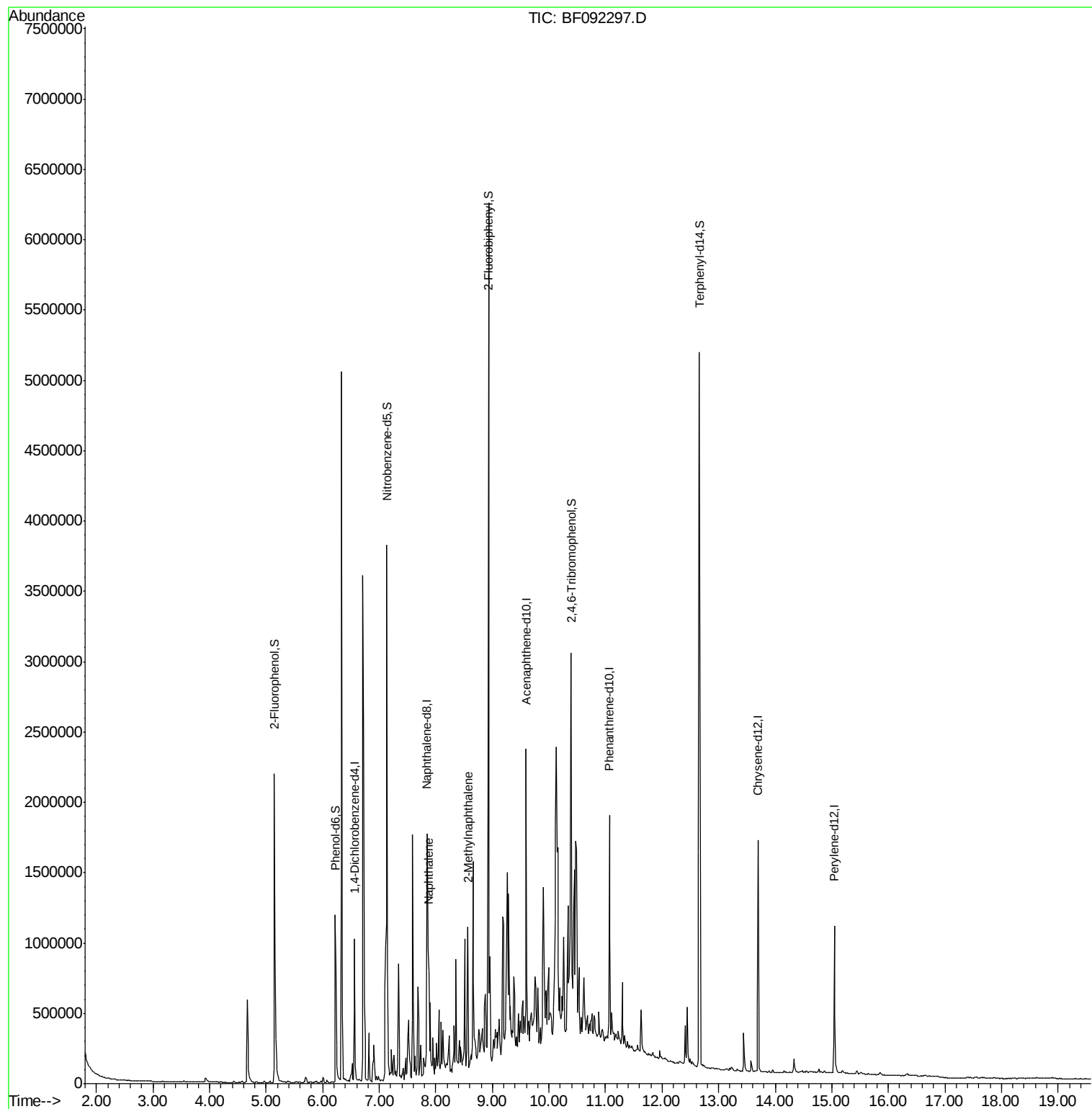
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	190366	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	682463	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	427702	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	676911	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	586766	20.00	ng	-0.01
86) Perylene-d12	15.05	264	433576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	814217	71.42	ng	0.00
7) Phenol-d6	6.22	99	653091	46.92	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1228563	100.10	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	542717	153.33	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1891676	91.63	ng	0.00
78) Terphenyl-d14	12.66	244	2120842	87.66	ng	0.00
Target Compounds						
31) Naphthalene	7.87	128	367536	11.77	ng	98
37) 2-Methylnaphthalene	8.56	142	261003	10.57	ng	98

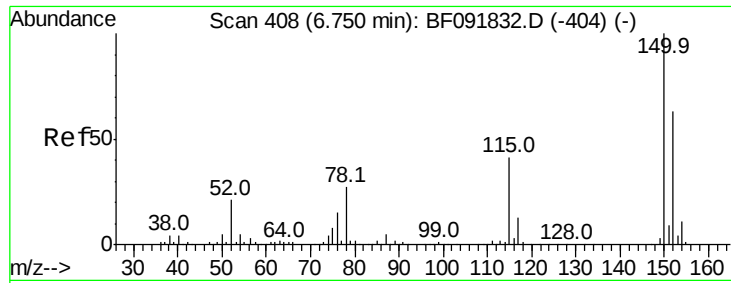
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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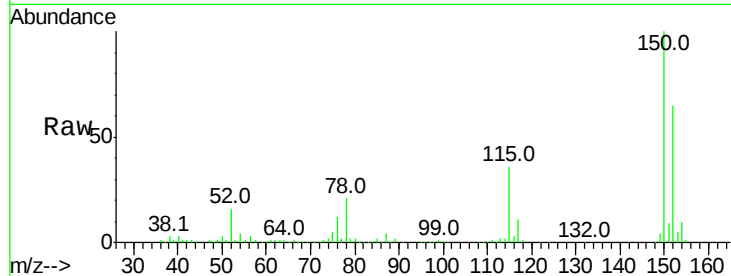


#1

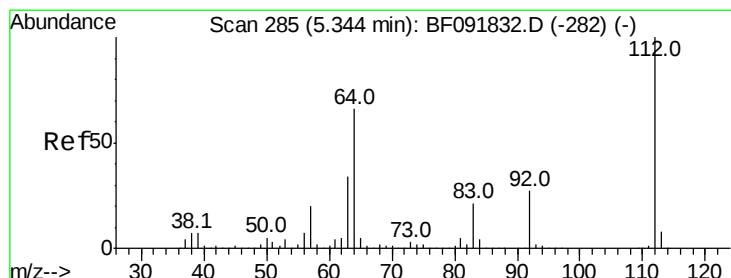
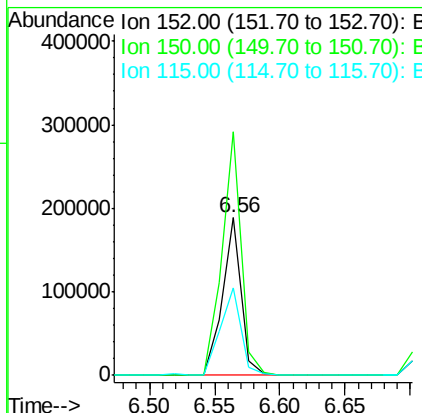
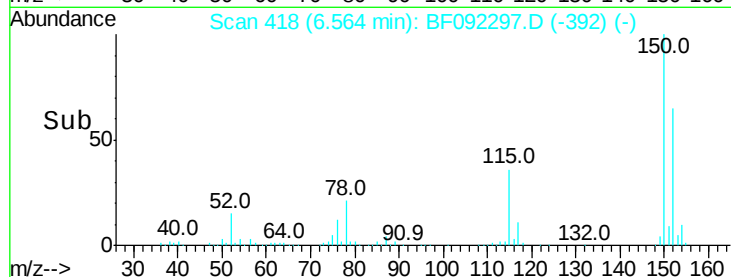
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	55.2	46.0	69.0



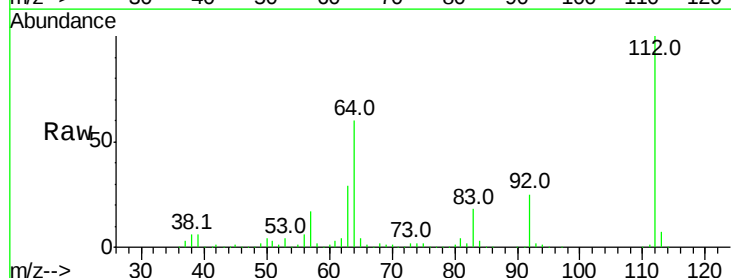
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



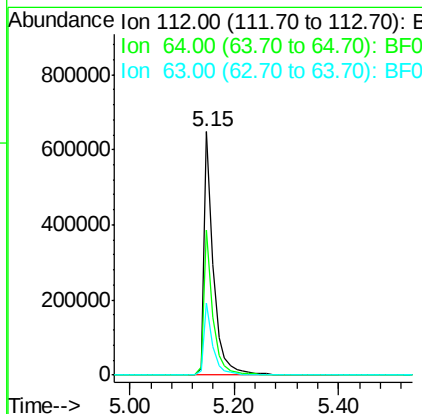
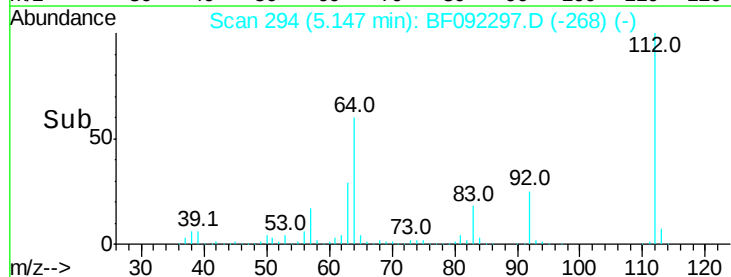
#5

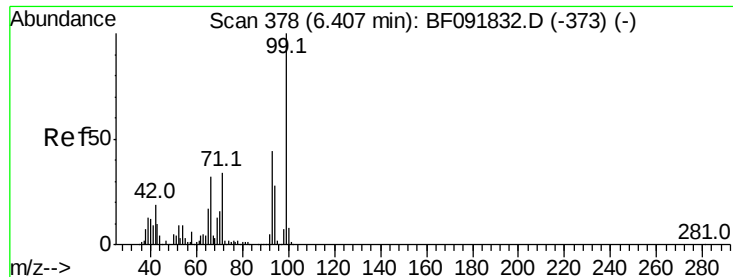
2-Fluorophenol
 Concen: 71.42 ng
 RT: 5.15 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.1	69.1
63	29.4	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: 46.92 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092297.D

Acq: 16 Jan 2017 20:57

Instrument :

BNA_F

ClientSampled :

W-40

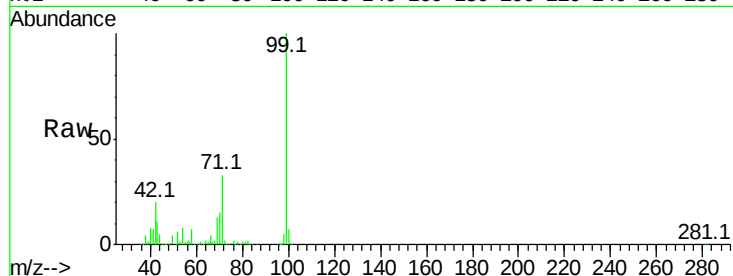
Tot Ion: 99 Resp: 653091

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

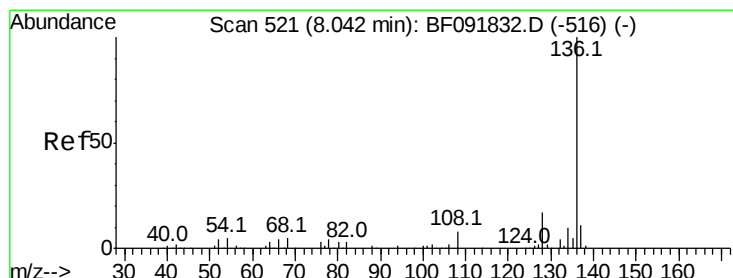
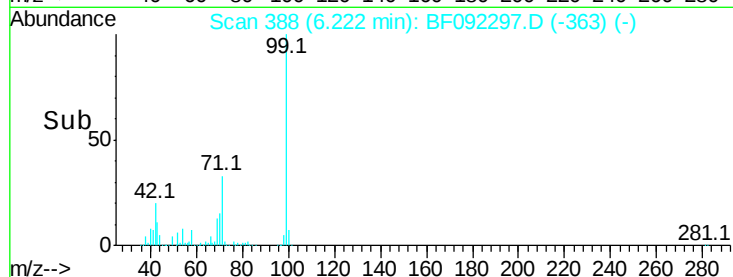
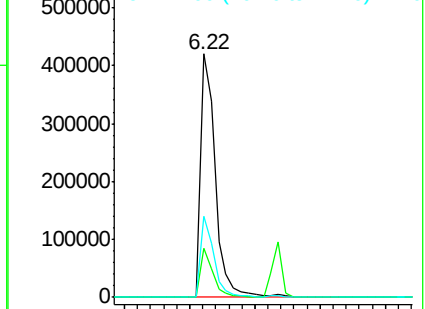
71 33.3 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092297.D

Acq: 16 Jan 2017 20:57

Tgt Ion: 136 Resp: 682463

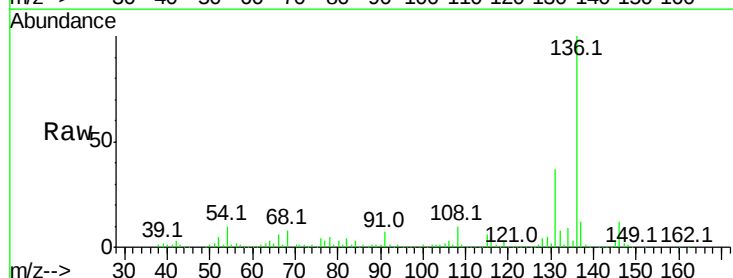
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 10.1 4.5 6.7#

68 8.1 3.6 5.4#

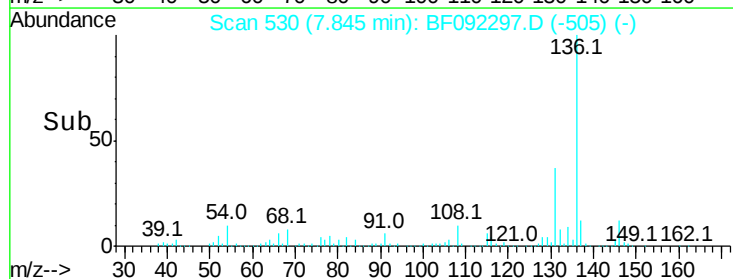
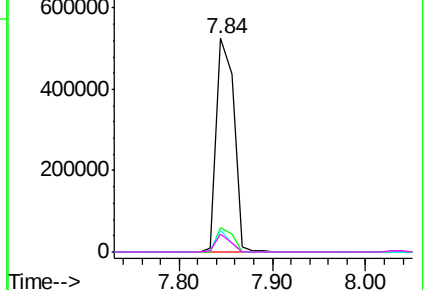


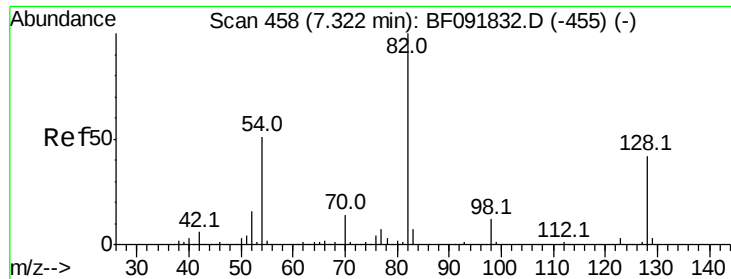
Abundance Ion 136.00 (135.70 to 136.70): E

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



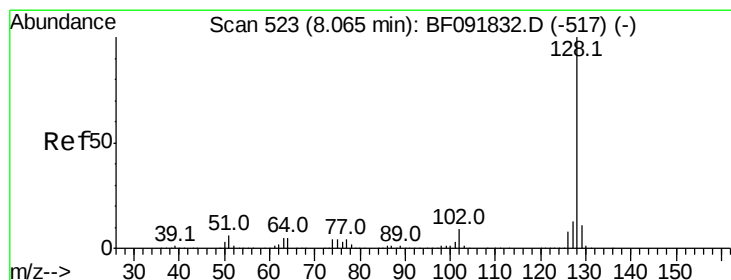
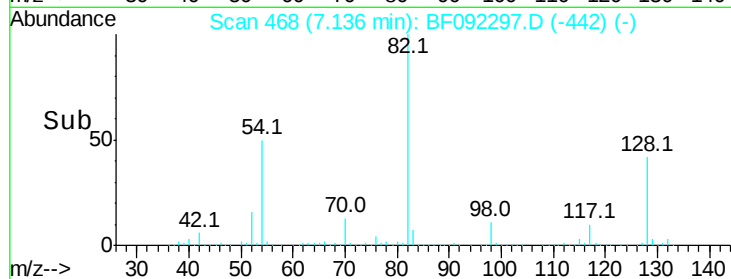
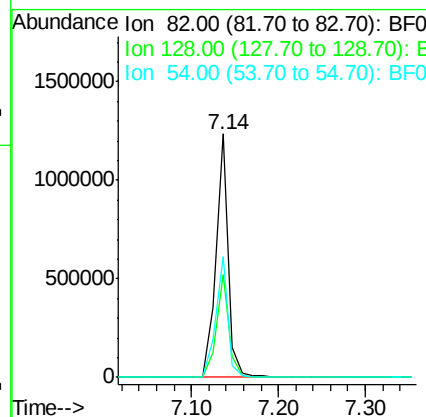
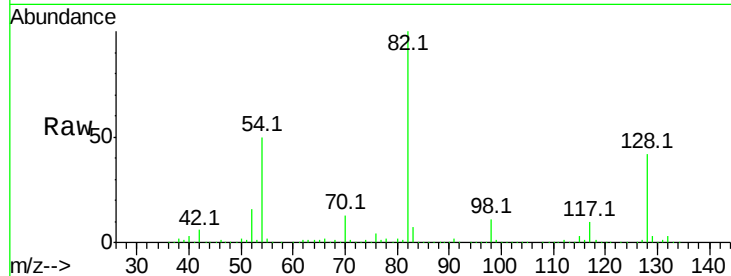


#23
 Nitrobenzene-d5
 Concen: 100.10 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion: 82 Resp: 1228563

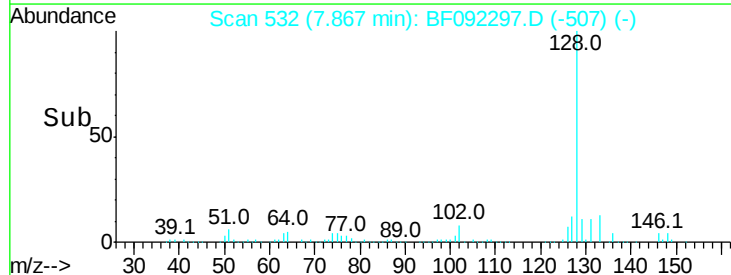
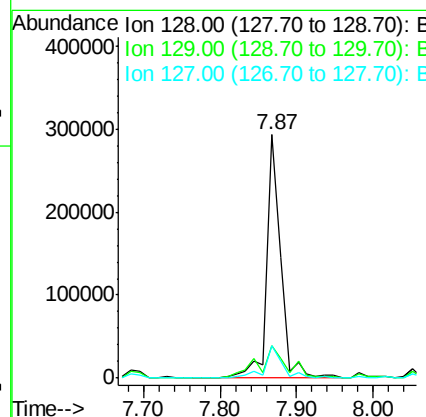
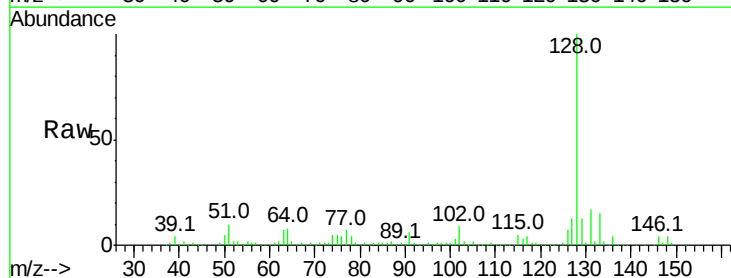
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	49.8	39.5	59.3

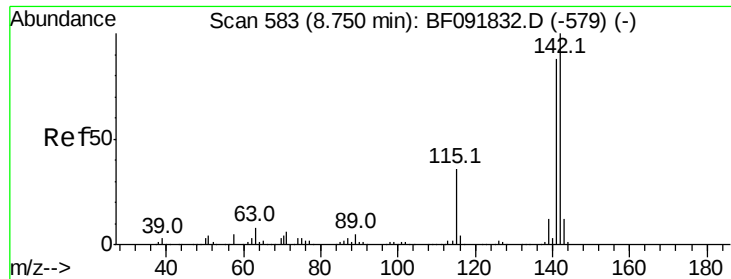


#31
 Naphthalene
 Concen: 11.77 ng
 RT: 7.87 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Tgt Ion: 128 Resp: 367536

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.5	14.3
127	13.1	10.8	16.2

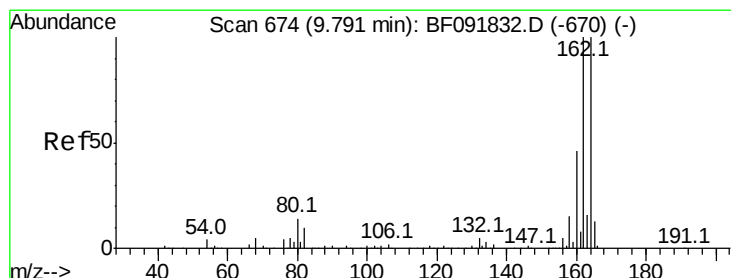
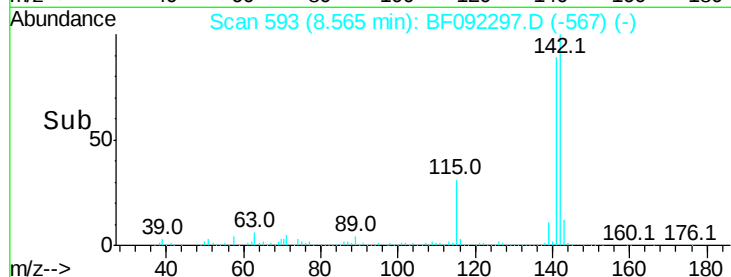
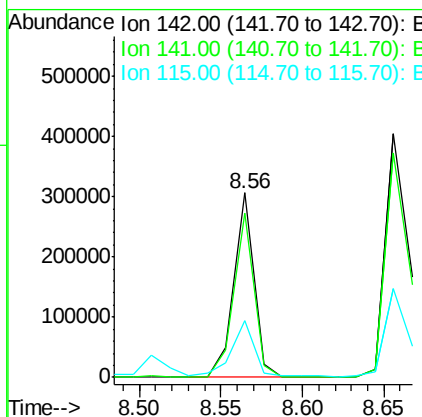
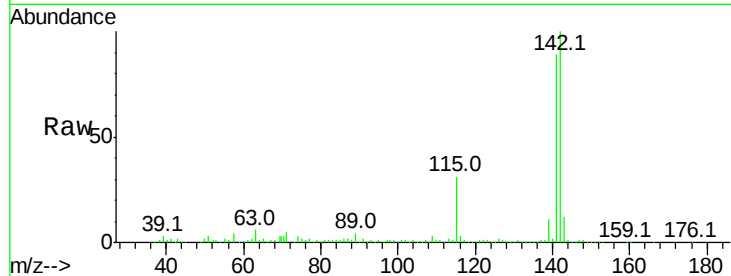




#37
 2-Methylnaphthalene
 Concen: 10.57 ng
 RT: 8.56 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

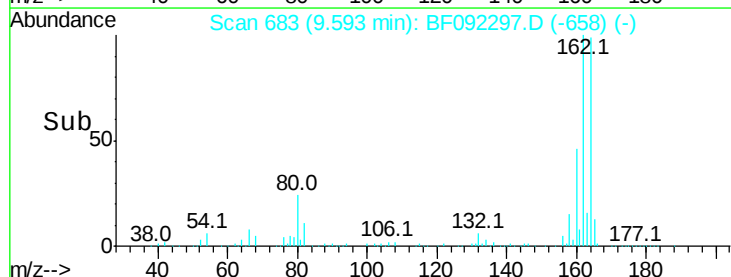
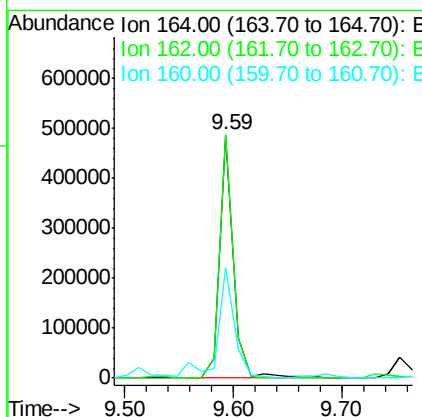
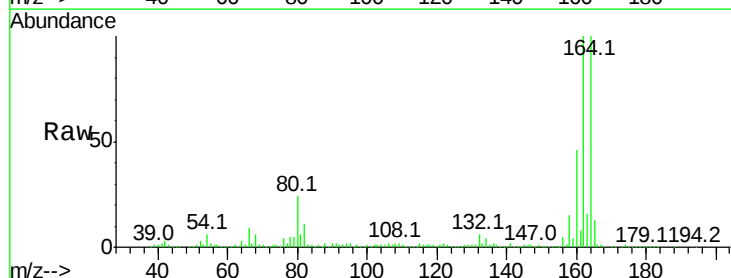
Instrument :
 BNA_F
 ClientSampleId :
 W-40

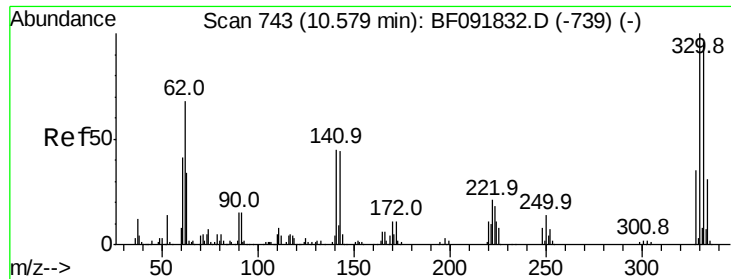
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	31.0	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	45.7	36.9	55.3

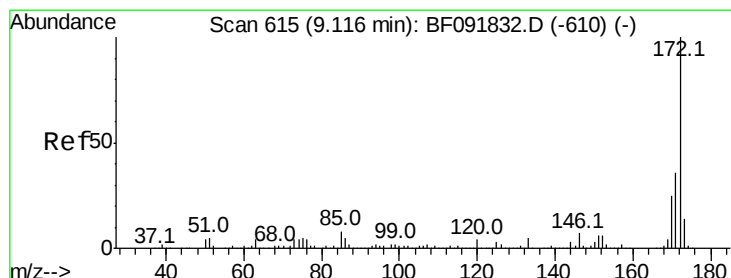
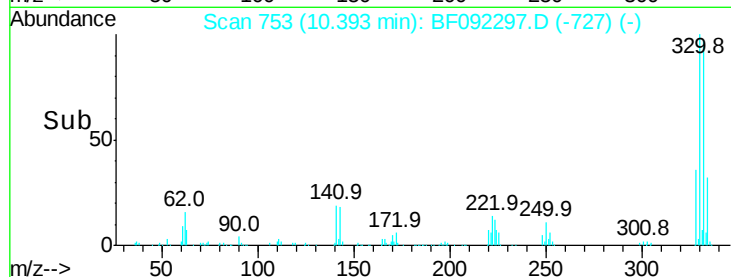
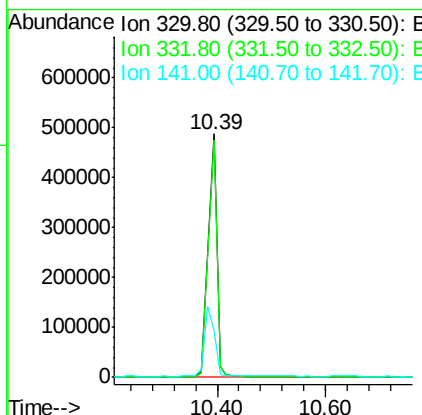
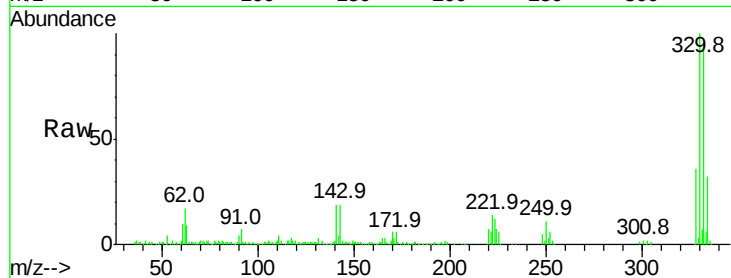




#41
 2,4,6-Tribromophenol
 Concen: 153.33 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

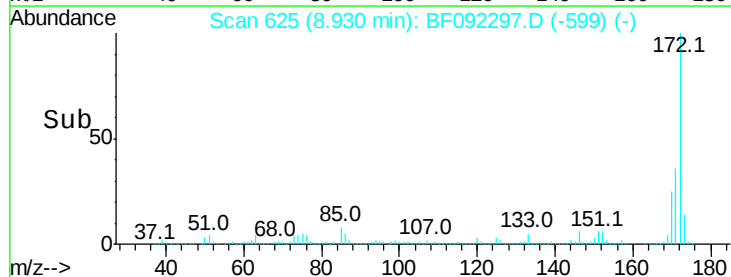
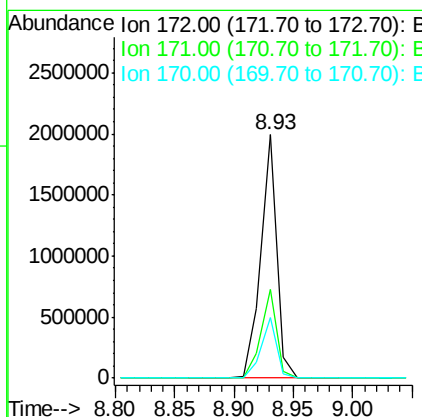
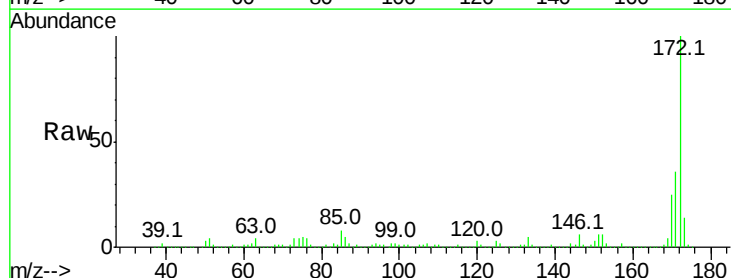
Instrument :
 BNA_F
 ClientSampleId :
 W-40

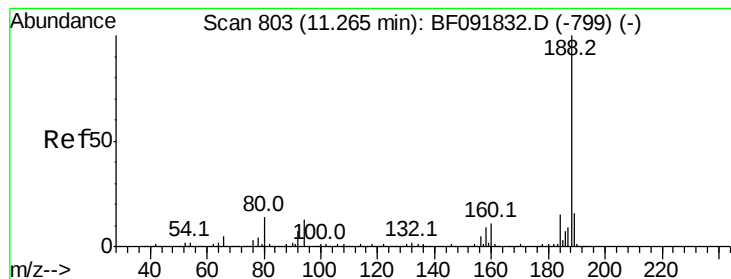
Tot Ion:330 Resp: 542717
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 32.9 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 91.63 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092297.D
 Acq: 16 Jan 2017 20:57

Tgt Ion:172 Resp: 1891676
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092297.D

Acq: 16 Jan 2017 20:57

Instrument :

BNA_F

ClientSampleId :

W-40

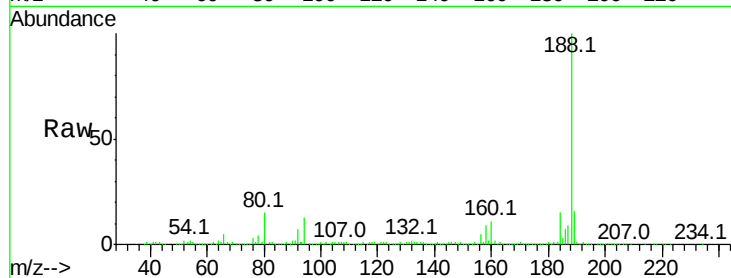
Tot Ion:188 Resp: 676911

Ion Ratio Lower Upper

188 100

94 13.5 10.0 15.0

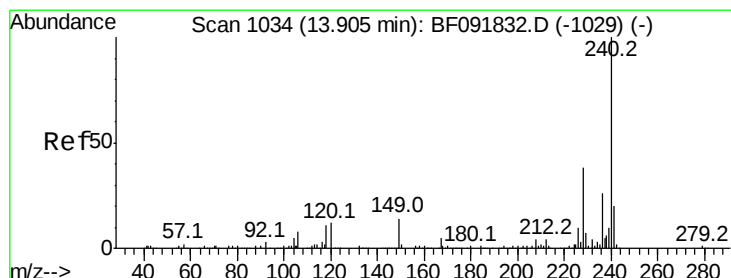
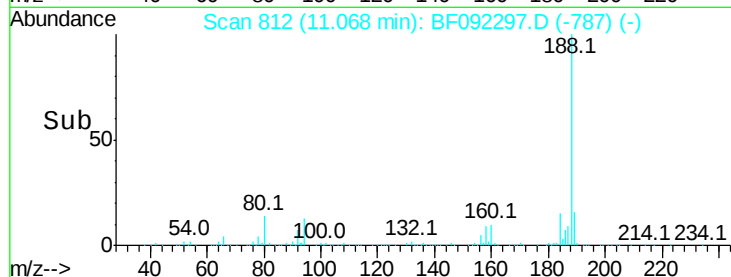
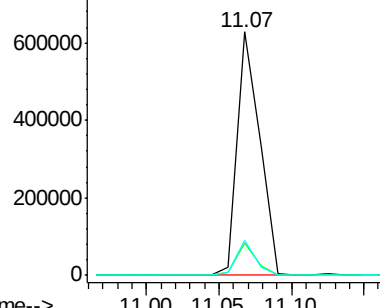
80 14.5 11.2 16.8



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: BF092297.D

Acq: 16 Jan 2017 20:57

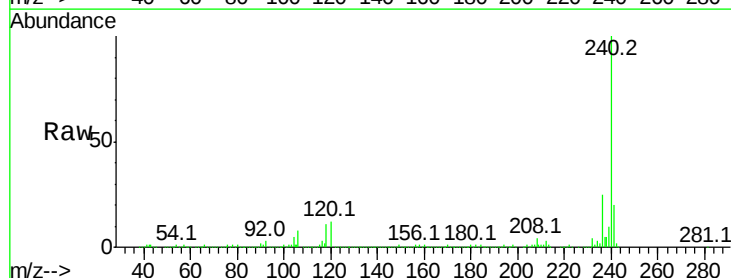
Tgt Ion:240 Resp: 586766

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

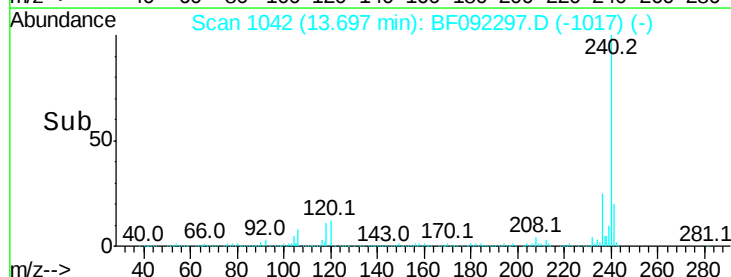
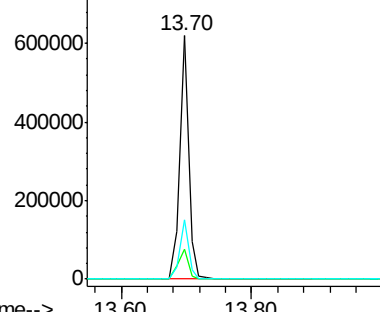
236 24.6 20.9 31.3

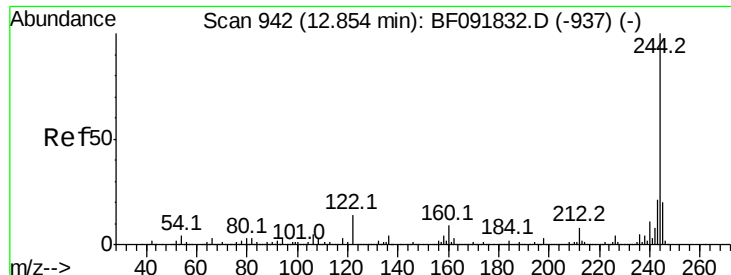


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.66 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092297.D

Acq: 16 Jan 2017 20:57

Instrument :

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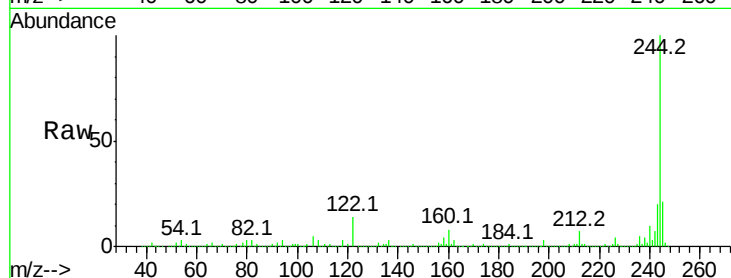
Tot Ion:244 Resp: 2120842

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

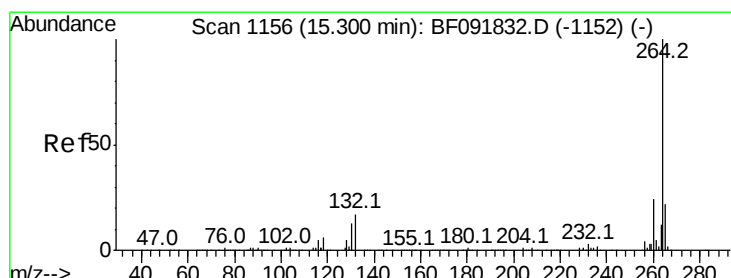
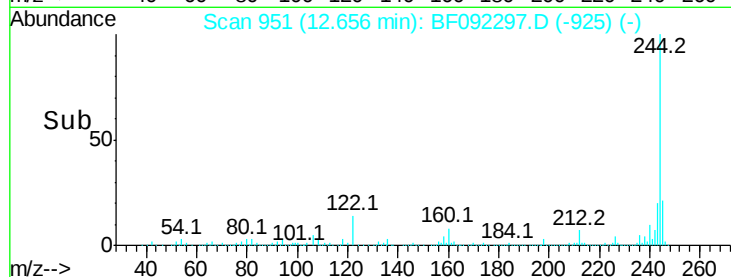
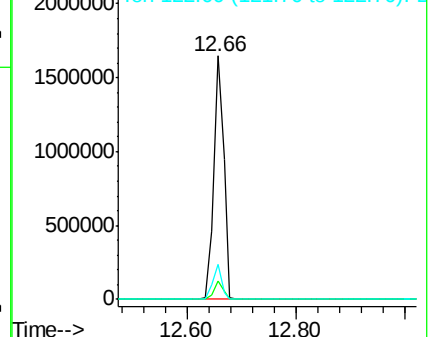
122 14.3 11.4 17.2



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: BF092297.D

Acq: 16 Jan 2017 20:57

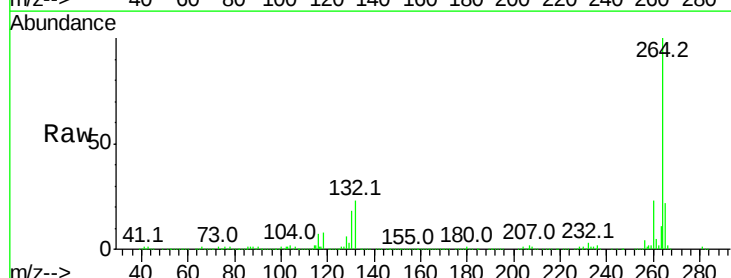
Tgt Ion:264 Resp: 433576

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.6 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

