

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092494.D
 Acq On : 25 Jan 2017 23:19
 Operator : SJ/MA
 Sample : I1398-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-012017

Quant Time: Jan 26 15:03:16 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

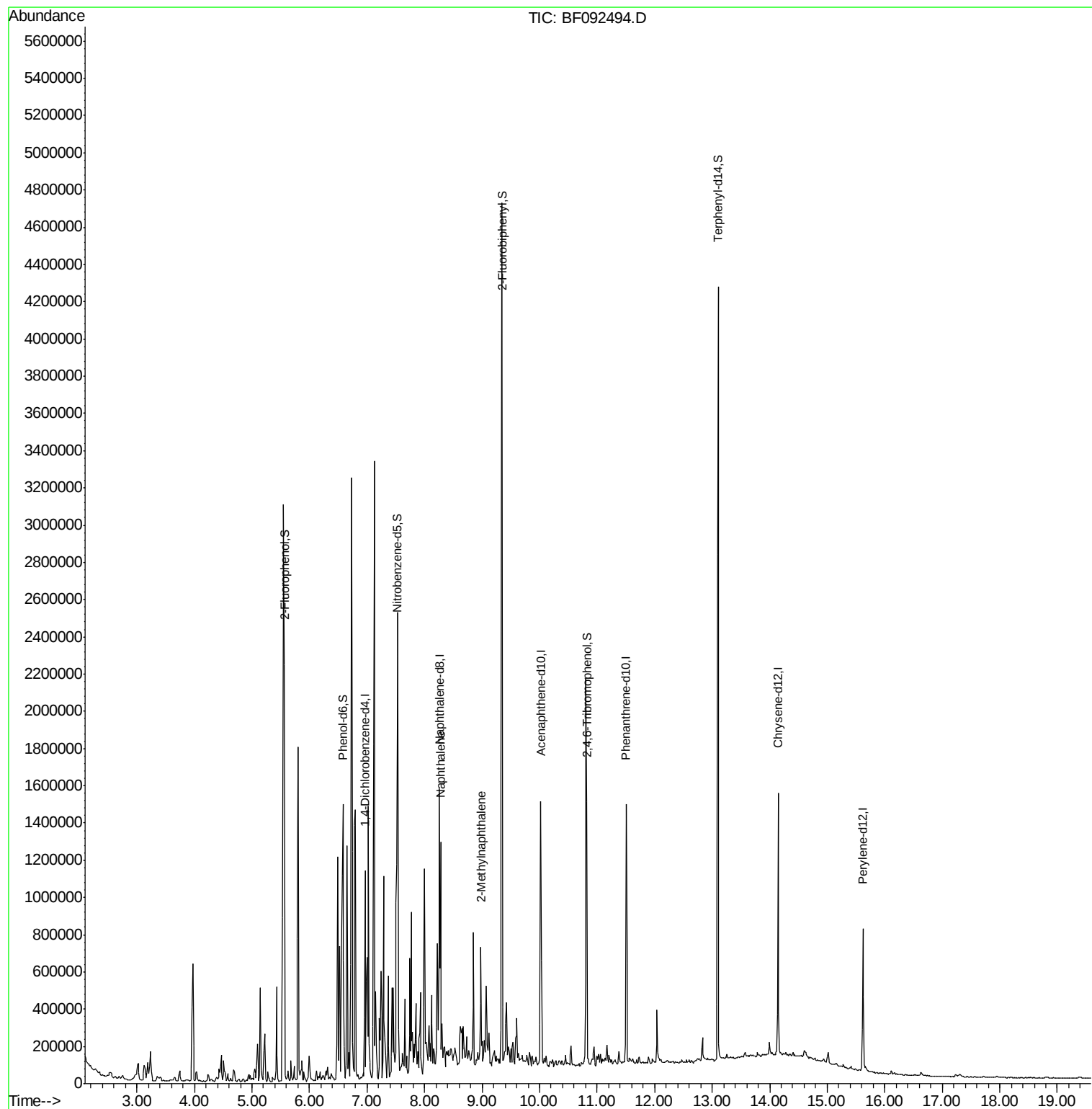
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160277	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	645769	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	339748	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	548754	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	468559	20.00	ng	-0.02
86) Perylene-d12	15.62	264	352441	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	572645	55.59	ng	0.01
7) Phenol-d6	6.58	99	485847	37.03	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1055936	89.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	351488	151.81	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1553148	84.53	ng	-0.01
78) Terphenyl-d14	13.11	244	1642032	93.32	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.28	128	455912	13.79	ng	100
37) 2-Methylnaphthalene	8.98	142	194047	9.27	ng	96

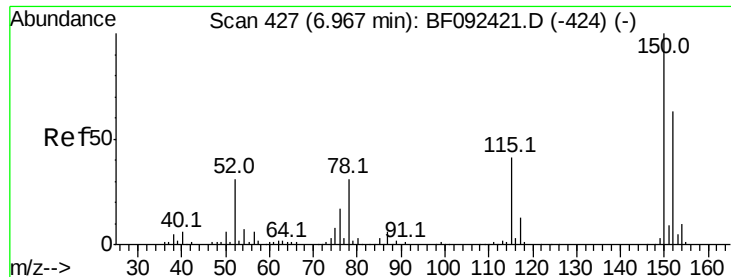
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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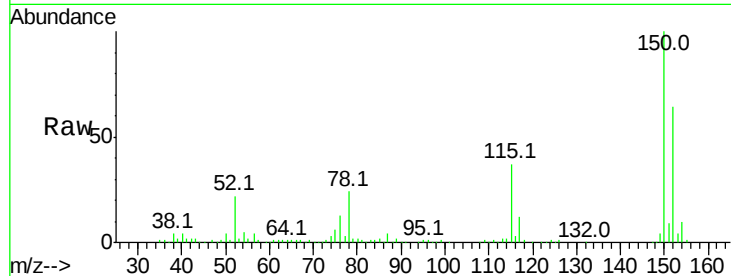


#1

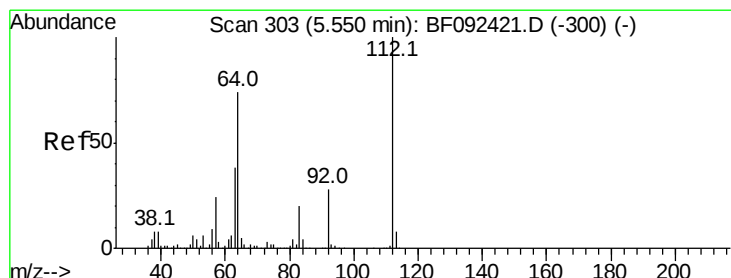
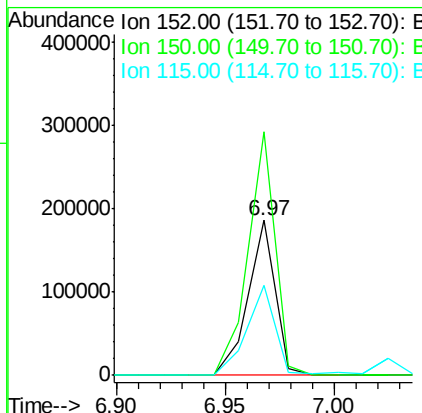
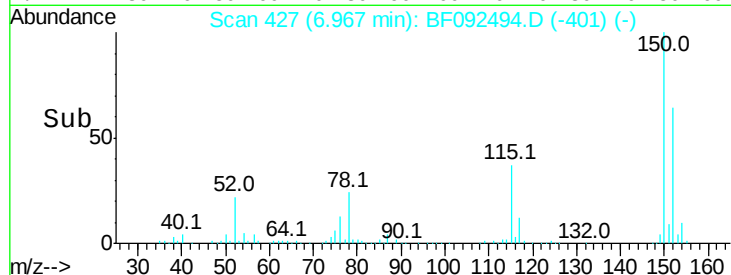
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

Instrument :
BNA_F
ClientSampleId :
MW-3A-012017

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	58.6	46.0	69.0



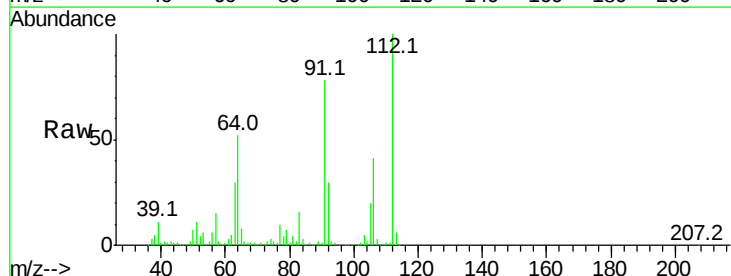
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



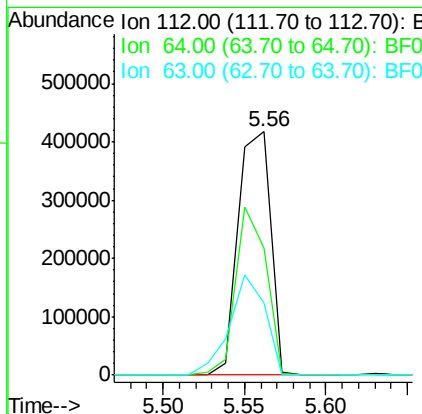
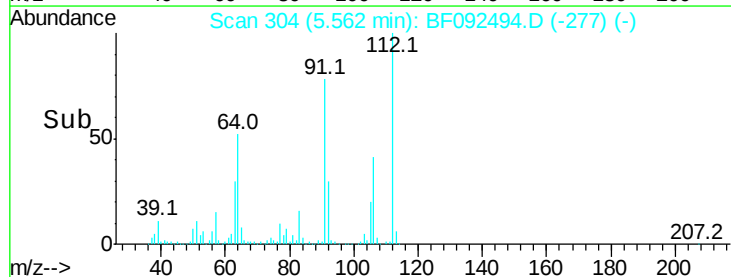
#5

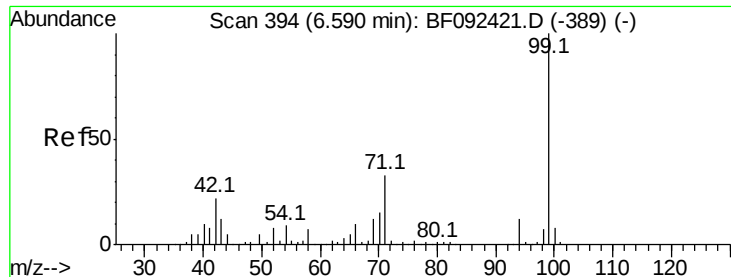
2-Fluorophenol
Concen: 55.59 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.1	69.1
63	29.7	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: 37.03 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

Instrument :

BNA_F

ClientSampleId :

MW-3A-012017

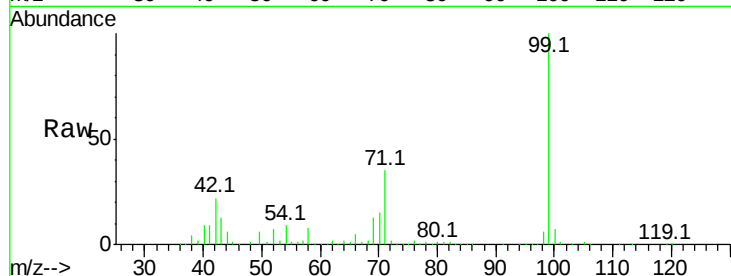
Tot Ion: 99 Resp: 485847

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

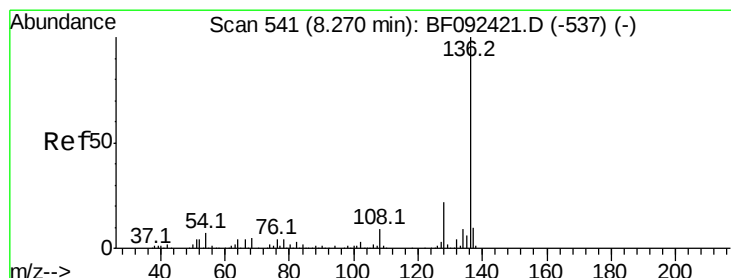
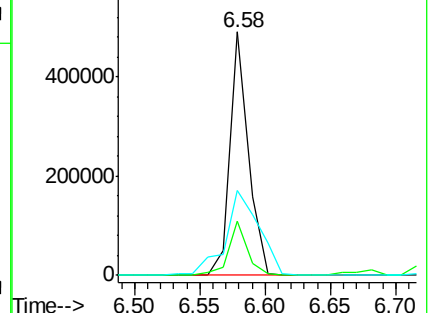
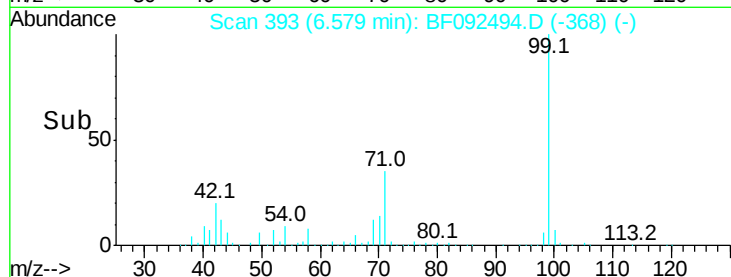
71 35.1 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

Tgt Ion: 136 Resp: 645769

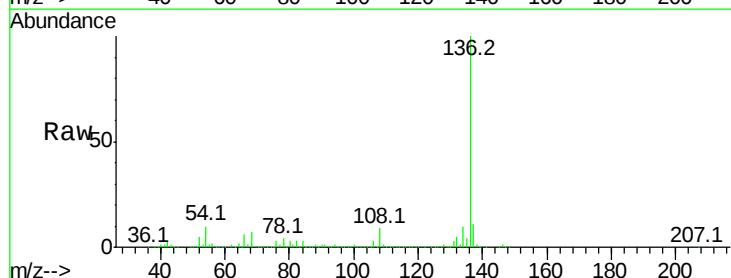
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.0 4.5 6.7#

68 7.1 3.6 5.4#

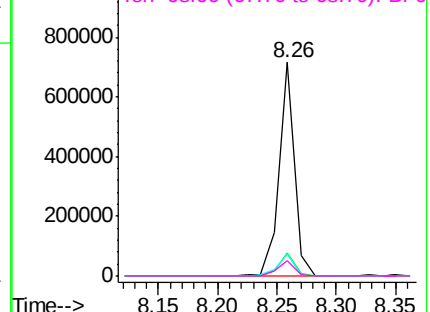
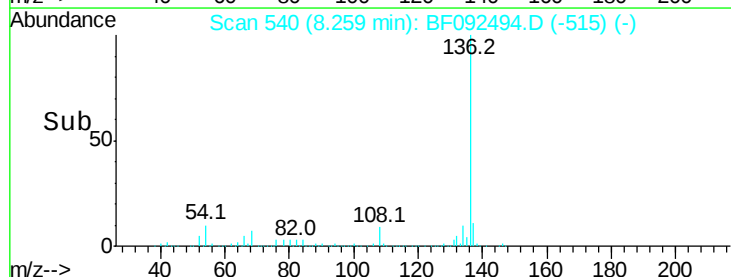


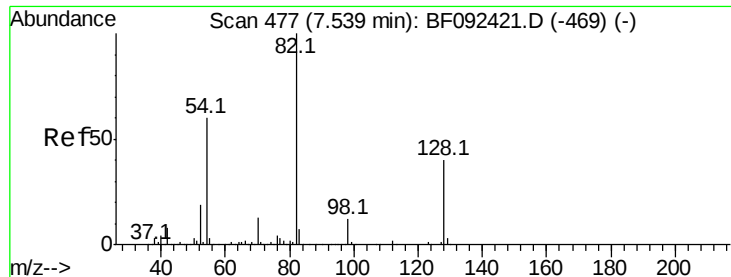
Abundance Ion 136.00 (135.70 to 136.70): E

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

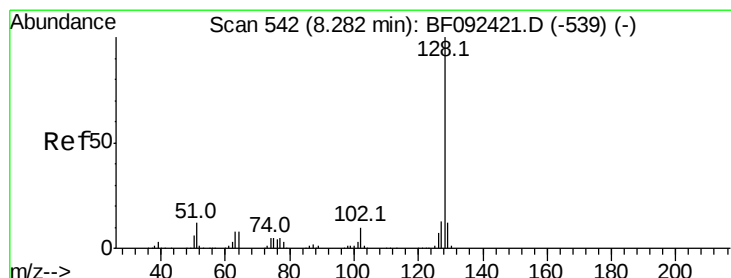
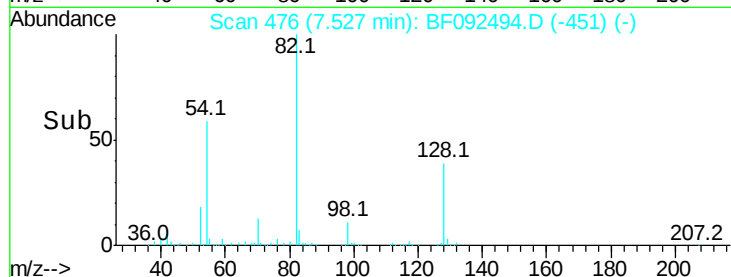
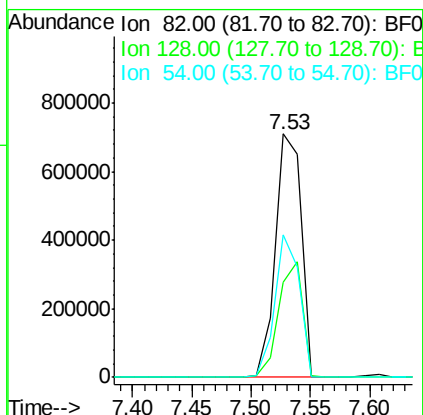
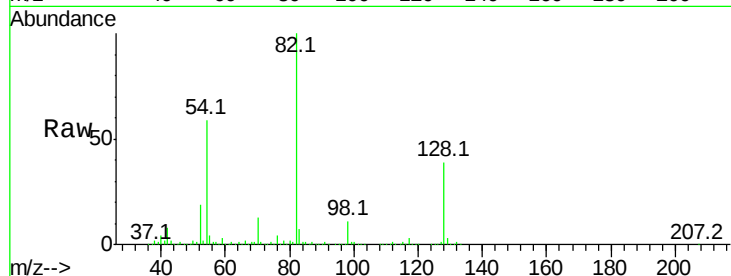




#23
Nitrobenzene-d5
Concen: 89.32 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

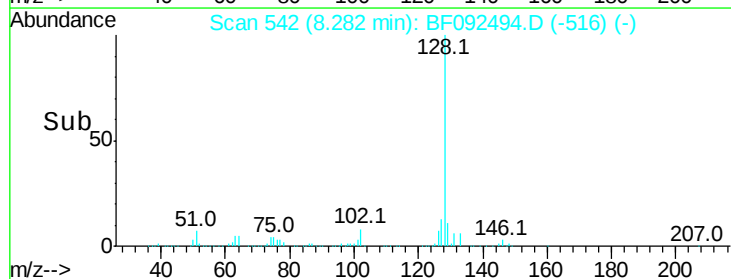
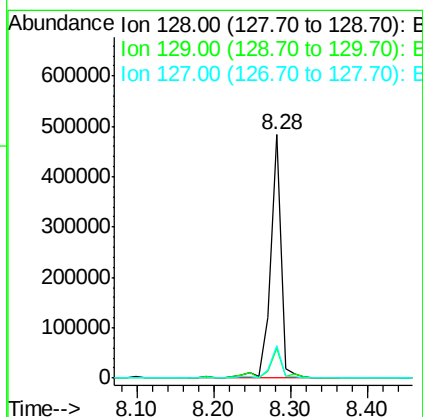
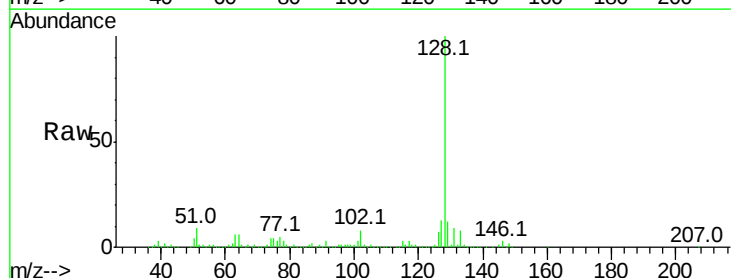
Instrument :
BNA_F
ClientSampleId :
MW-3A-012017

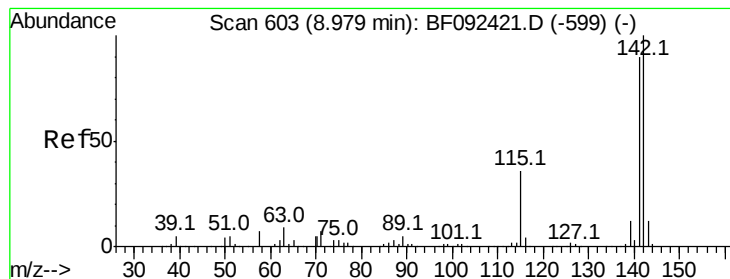
Tot Ion: 82 Resp: 1055936
Ion Ratio Lower Upper
82 100
128 39.2 34.6 52.0
54 58.8 39.5 59.3



#31
Naphthalene
Concen: 13.79 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

Tgt Ion: 128 Resp: 455912
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.3 10.8 16.2

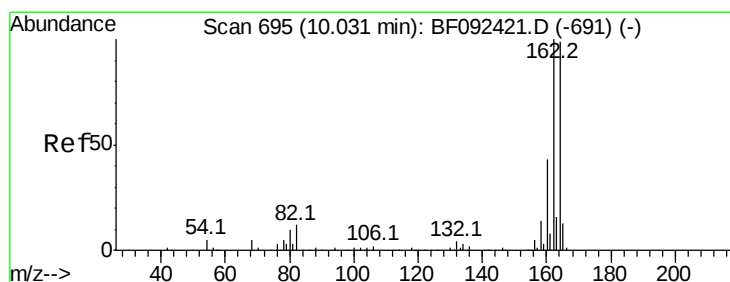
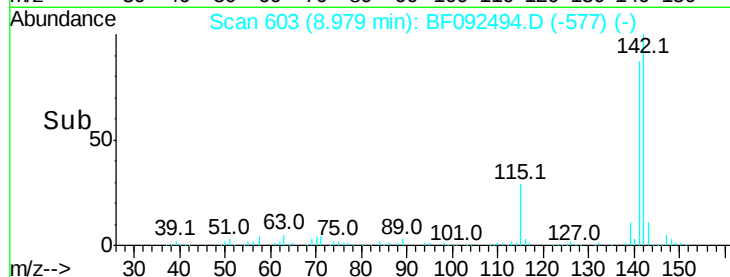
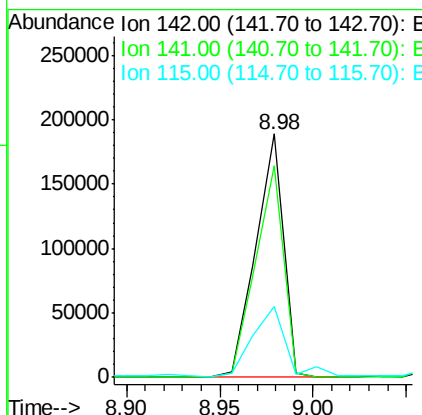
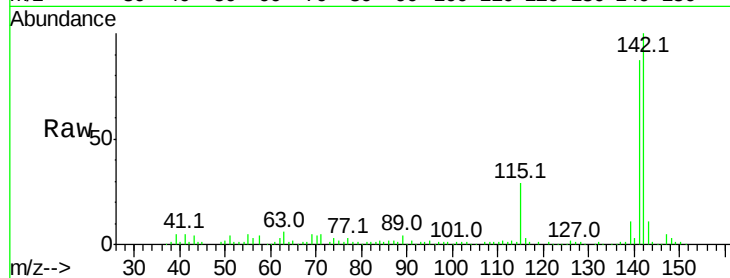




#37
2-Methylnaphthalene
Concen: 9.27 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

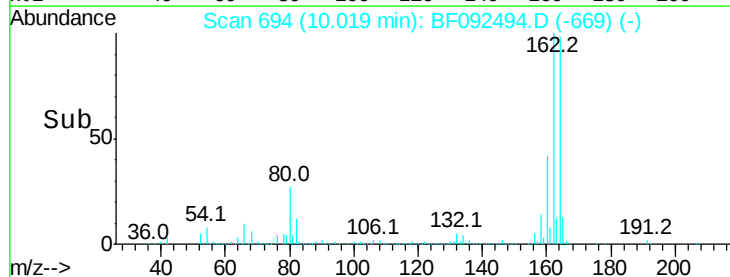
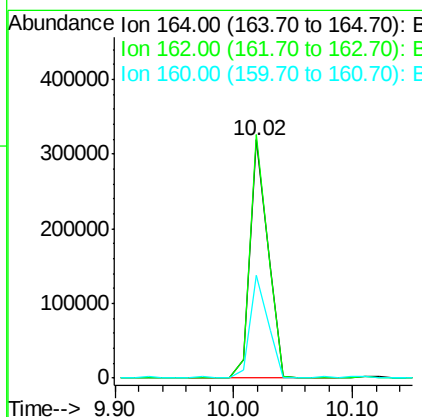
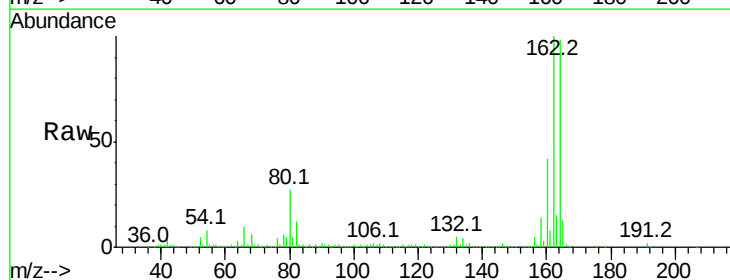
Instrument :
BNA_F
ClientSampleId :
MW-3A-012017

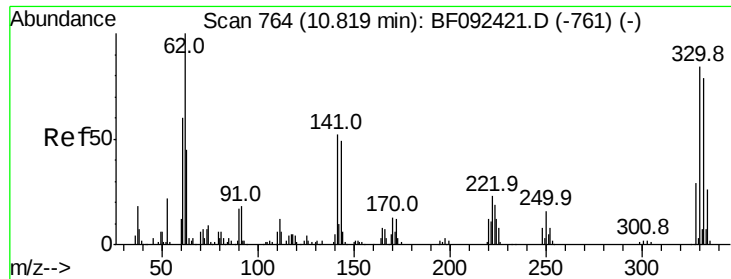
Tot Ion:142 Resp: 194047
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 29.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092494.D
Acq: 25 Jan 2017 23:19

Tgt Ion:164 Resp: 339748
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 43.1 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 151.81 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

Instrument :

BNA_F

ClientSampleId :

MW-3A-012017

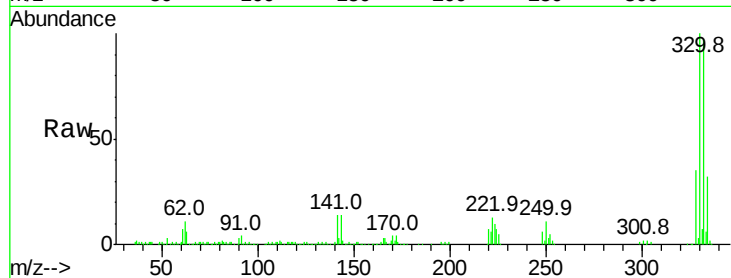
Tot Ion:330 Resp: 351488

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

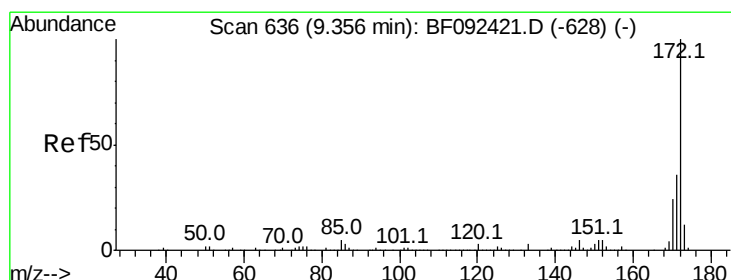
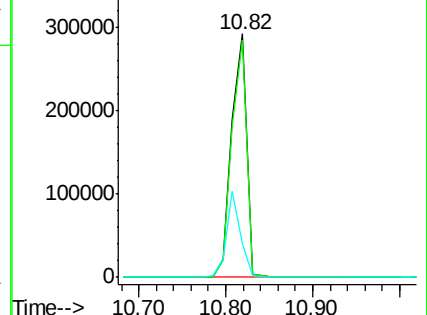
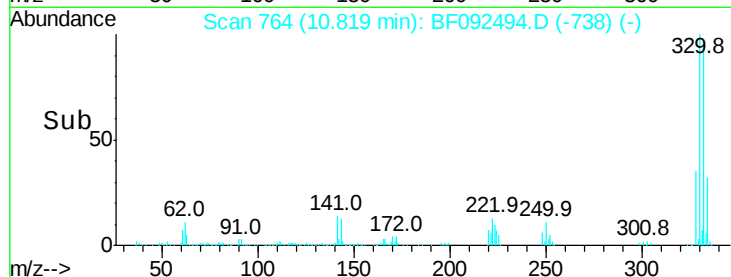
141 33.4 34.1 51.1#



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: 84.53 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

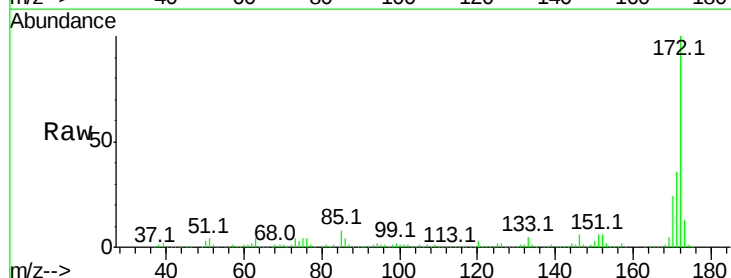
Tgt Ion:172 Resp: 1553148

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

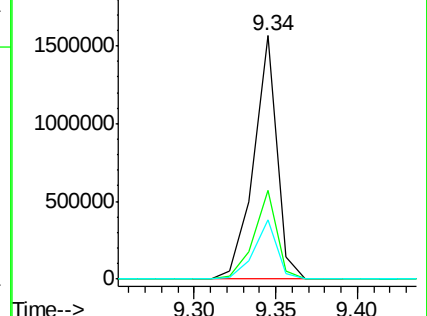
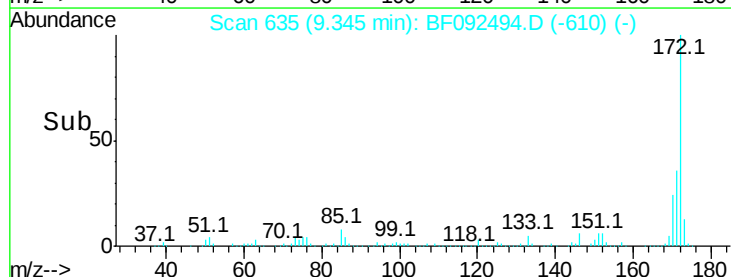
170 24.4 20.2 30.4

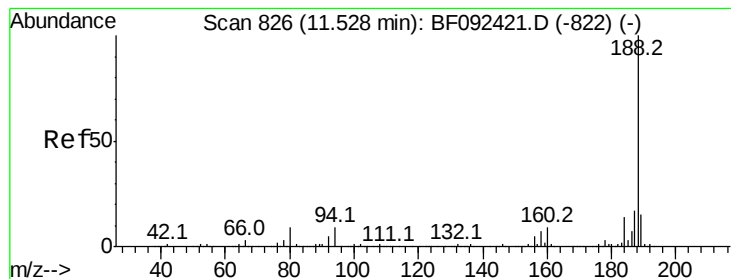


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

Instrument :

BNA_F

ClientSampleId :

MW-3A-012017

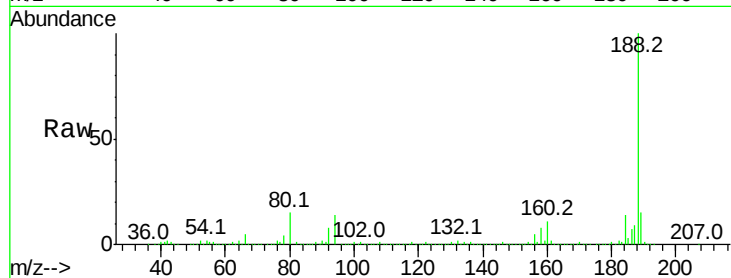
Tot Ion:188 Resp: 548754

Ion Ratio Lower Upper

188 100

94 13.8 10.0 15.0

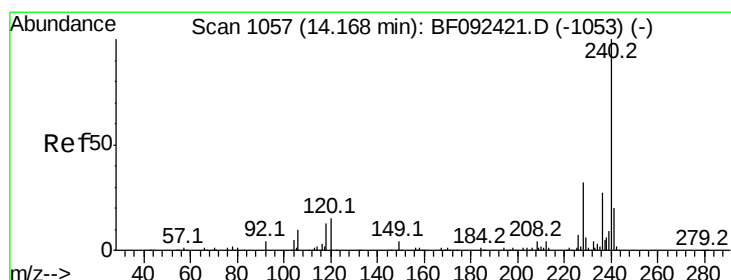
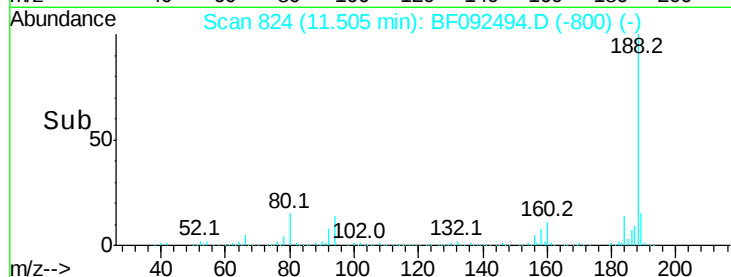
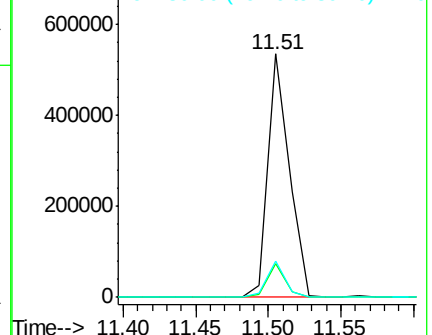
80 15.1 11.2 16.8



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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

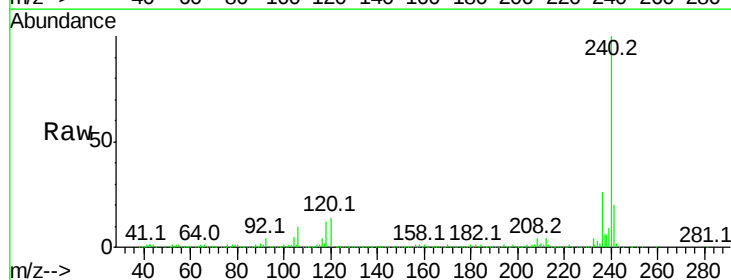
Tgt Ion:240 Resp: 468559

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

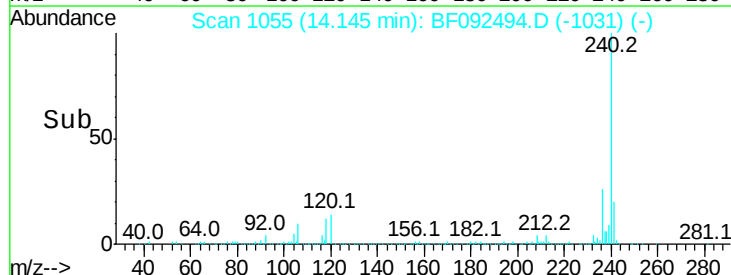
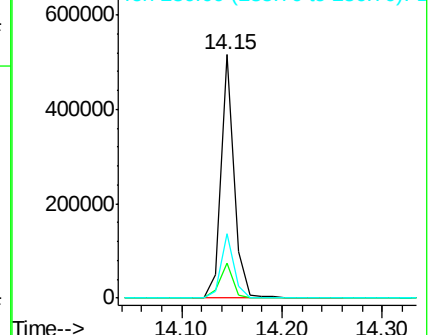
236 26.5 20.9 31.3

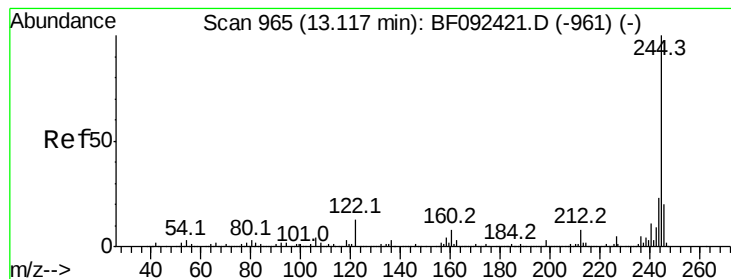


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.32 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

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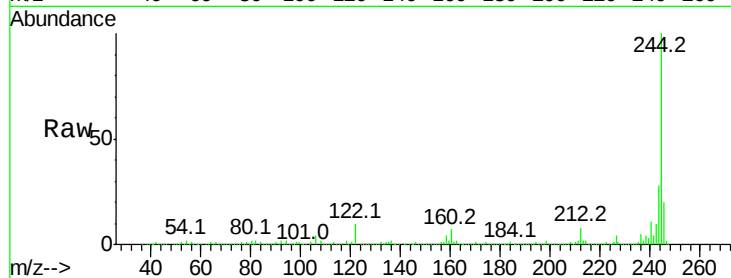
Tot Ion:244 Resp: 1642032

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

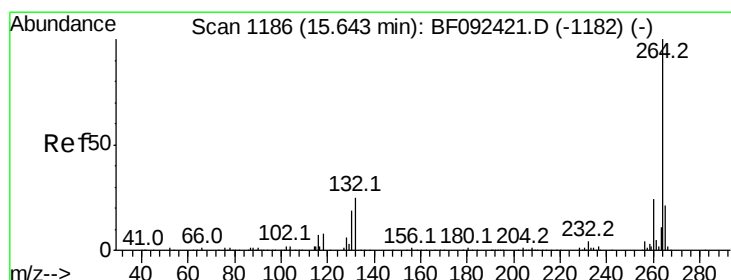
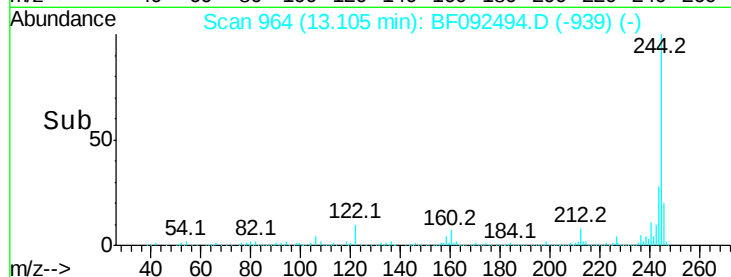
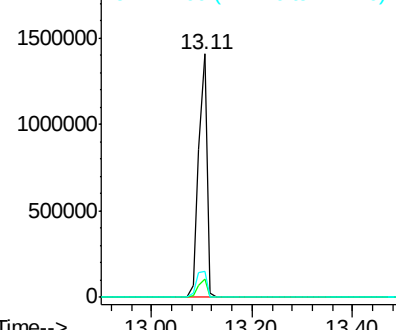
122 10.4 11.4 17.2#



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: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092494.D

Acq: 25 Jan 2017 23:19

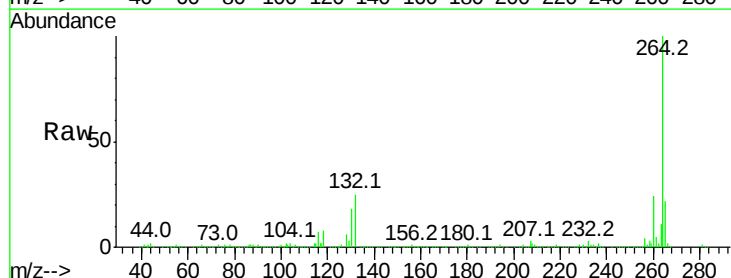
Tgt Ion:264 Resp: 352441

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

