

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093504.D
 Acq On : 10 Mar 2017 4:31
 Operator : SJ/MA
 Sample : I2176-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Mar 10 06:01:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

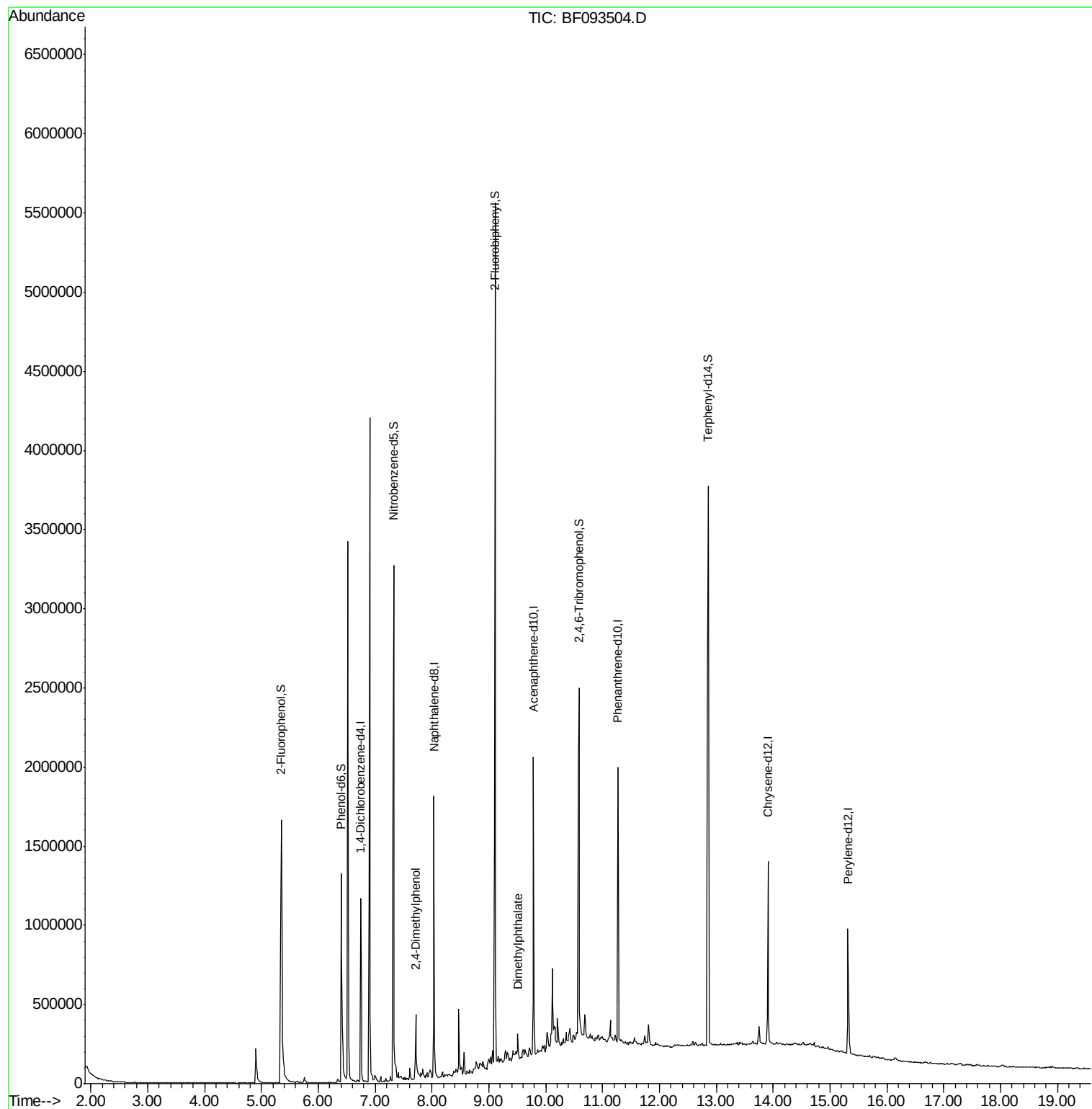
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189964	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	745302	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	347351	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	595502	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	389686	20.00	ng	-0.01
86) Perylene-d12	15.32	264	354579	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	743440	65.13	ng	0.00
7) Phenol-d6	6.40	99	678765	47.16	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1338537	99.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	346202	152.98	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1720925	92.15	ng	-0.02
78) Terphenyl-d14	12.86	244	1382547	92.24	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.72	122	100245	8.95	ng	97
49) Dimethylphthalate	9.51	163	50242	2.18	ng	97

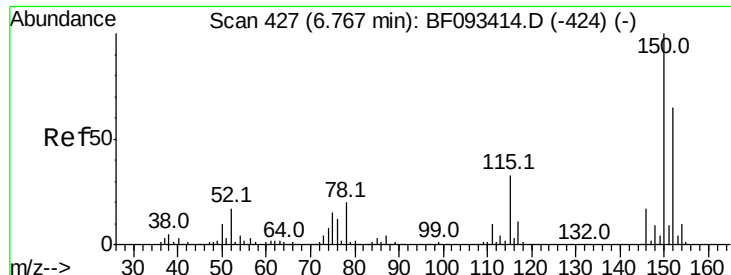
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093504.D
Acq On : 10 Mar 2017 4:31
Operator : SJ/MA
Sample : I2176-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-19

Quant Time: Mar 10 06:01:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration



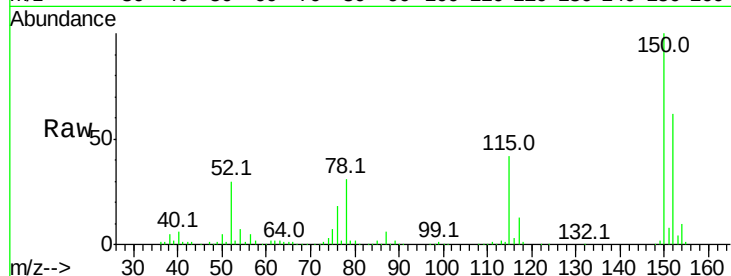


#1

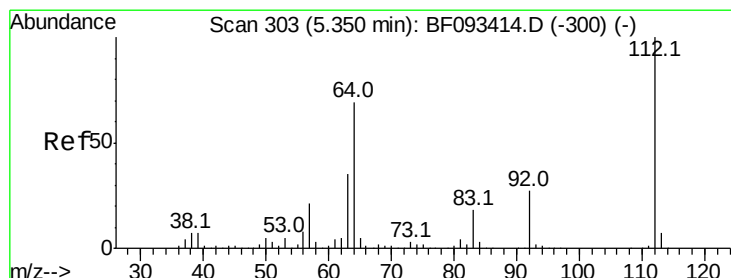
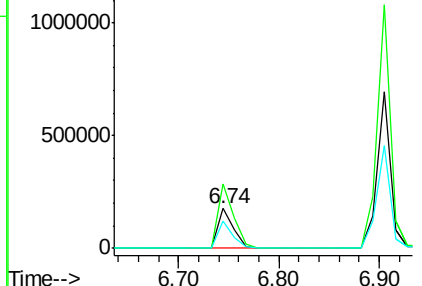
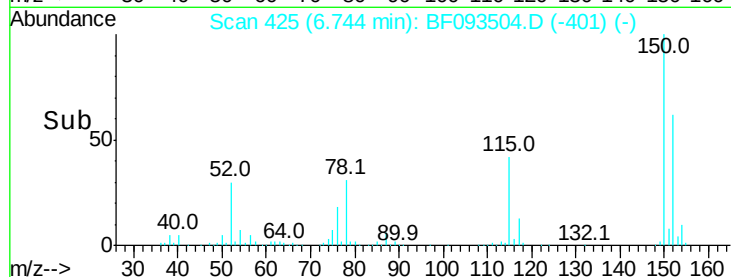
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.9	187.3
115	67.5	46.0	69.0



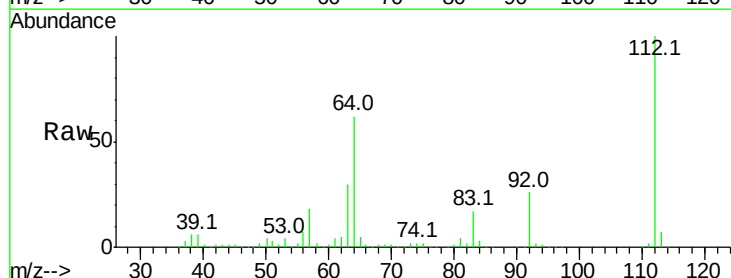
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



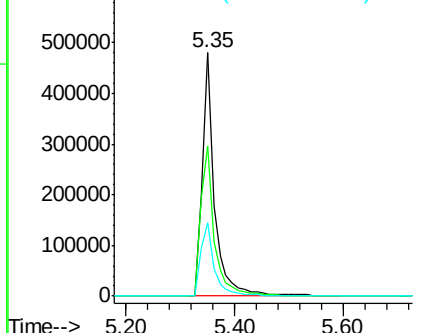
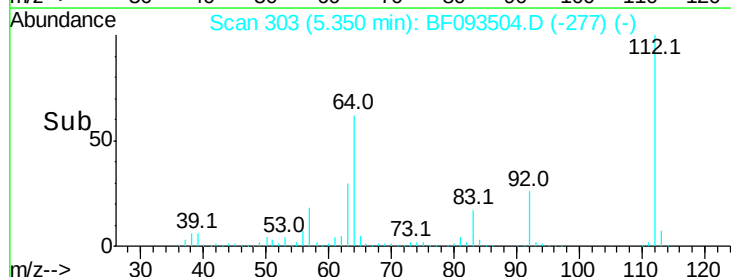
#5

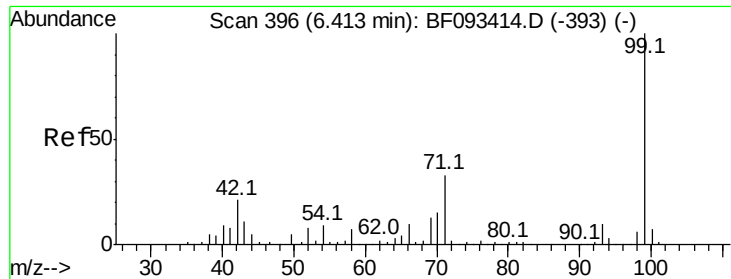
2-Fluorophenol
Concen: 65.13 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.1	69.1
63	30.3	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: 47.16 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampled :

W-19

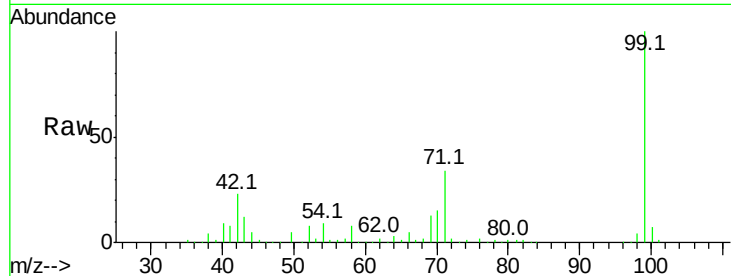
Tot Ion: 99 Resp: 678765

Ion Ratio Lower Upper

99 100

42 23.2 15.6 23.4

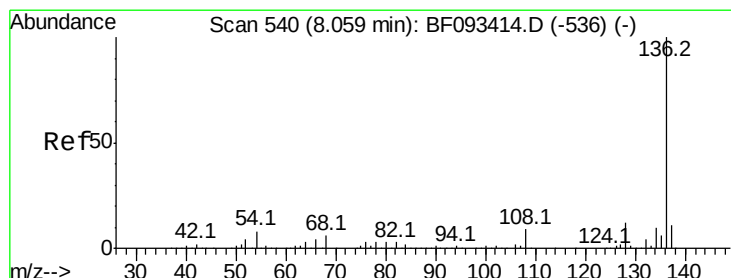
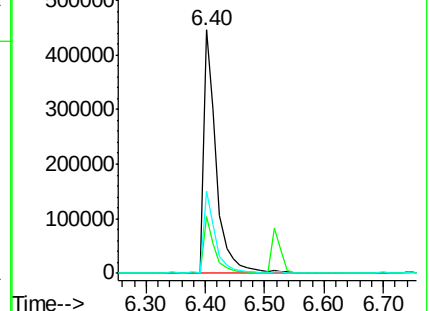
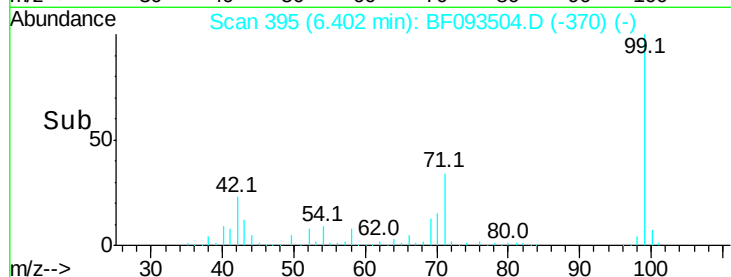
71 33.9 27.5 41.3



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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Tgt Ion: 136 Resp: 745302

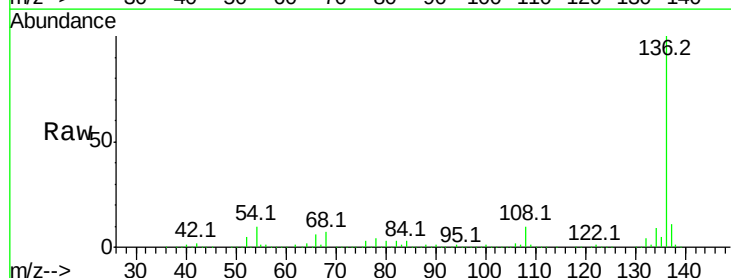
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.6 4.5 6.7#

68 7.1 3.6 5.4#

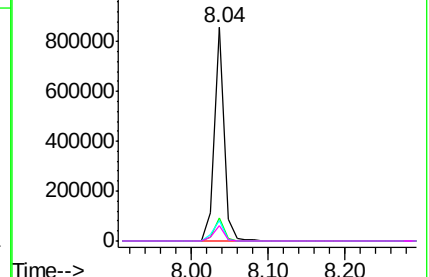
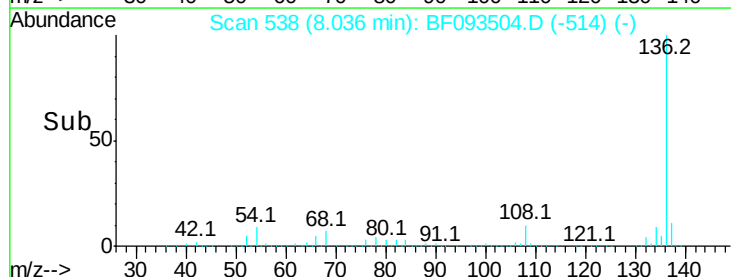


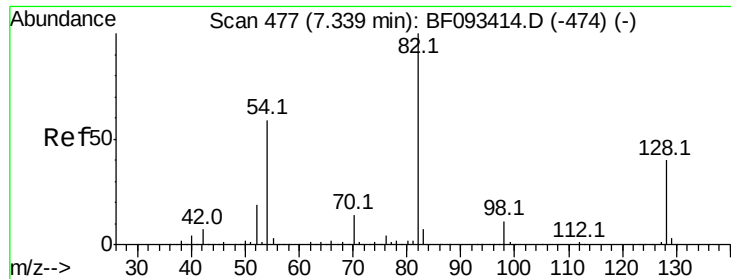
Abundance Ion 136.00 (135.70 to 136.70): E

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



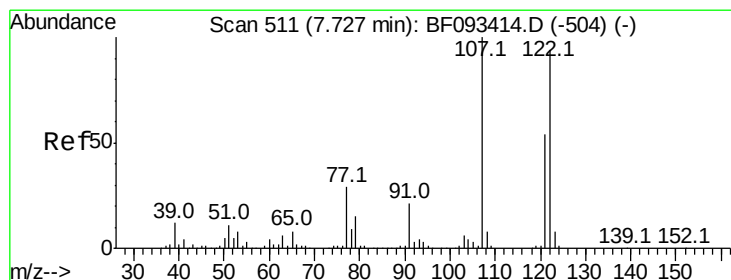
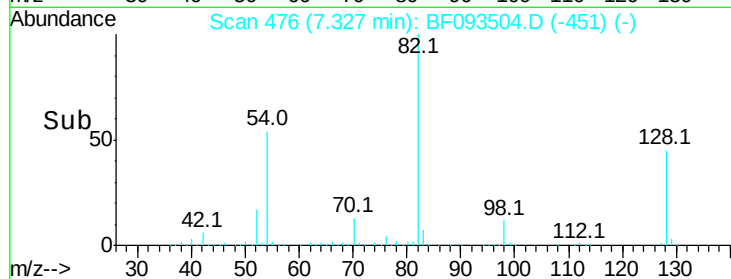
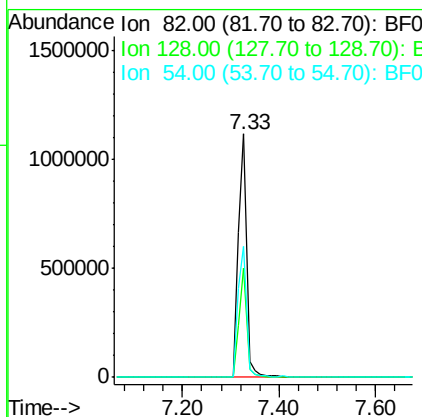
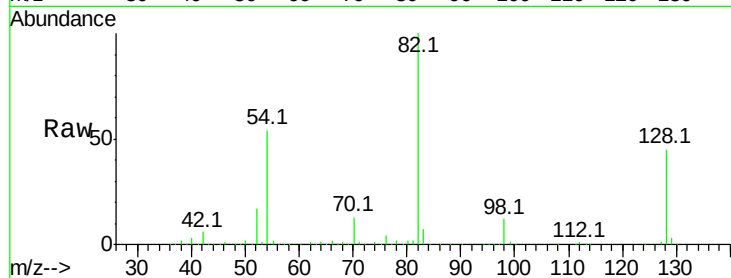


#23
 Nitrobenzene-d5
 Concen: 99.65 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 1338537

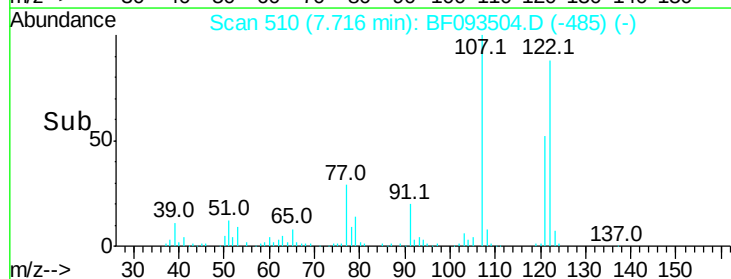
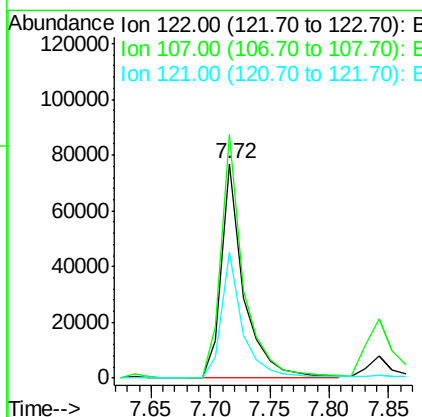
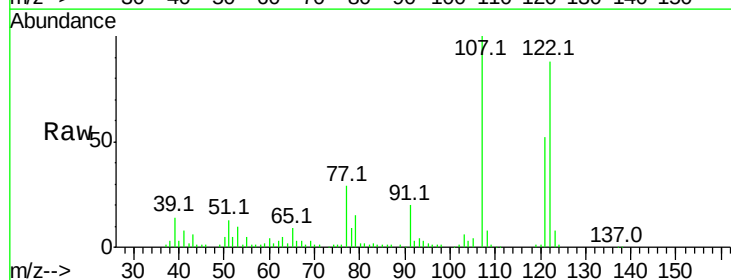
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	53.9	39.5	59.3

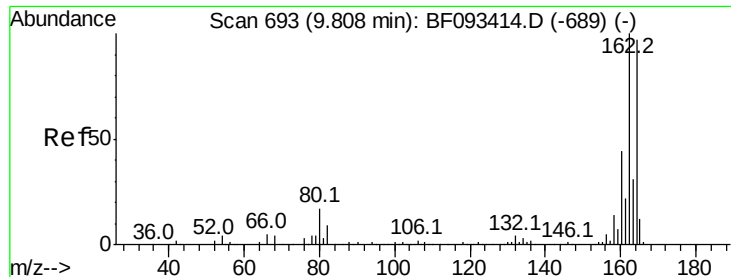


#27
 2,4-Dimethylphenol
 Concen: 8.95 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Tgt Ion:122 Resp: 100245

Ion	Ratio	Lower	Upper
122	100		
107	113.6	94.1	141.1
121	59.0	46.0	69.0

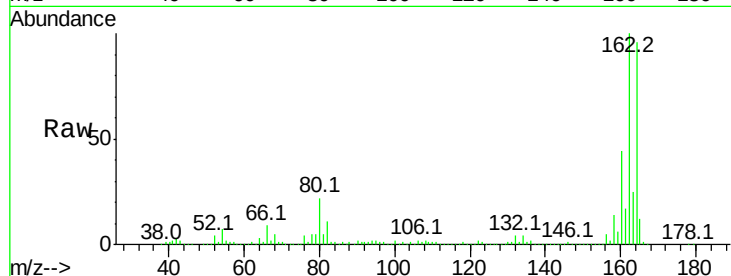




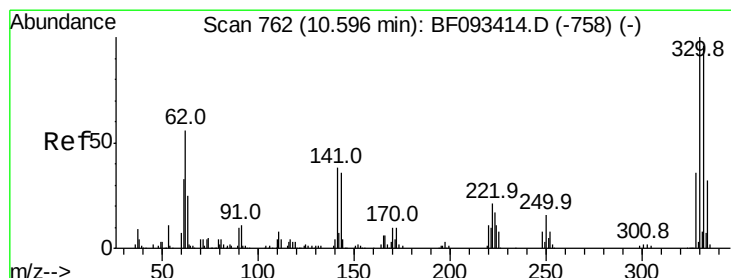
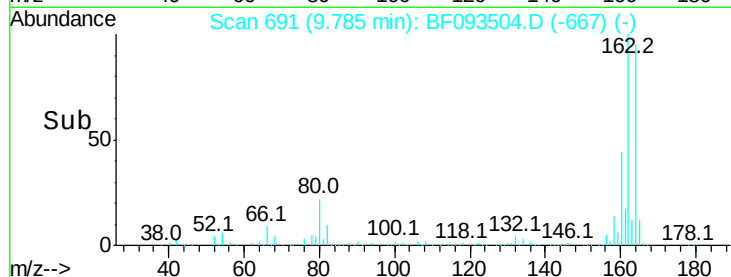
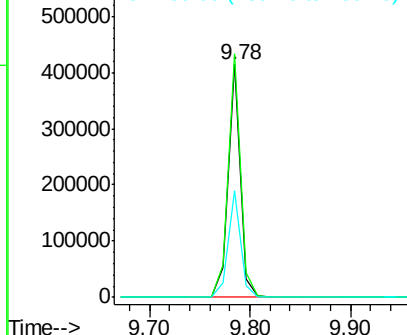
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.2	120.2
160	45.8	36.9	55.3

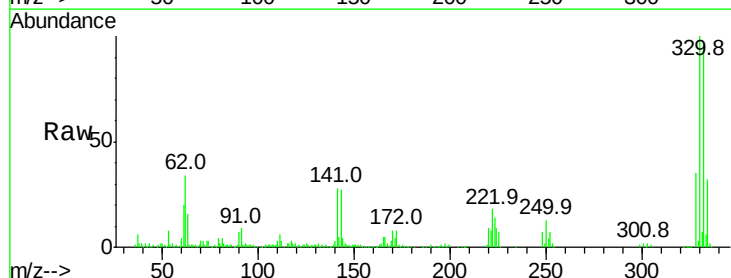


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

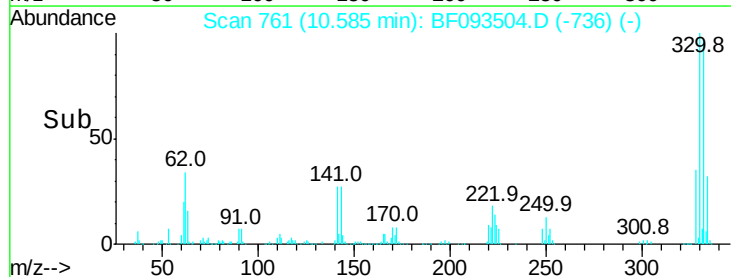
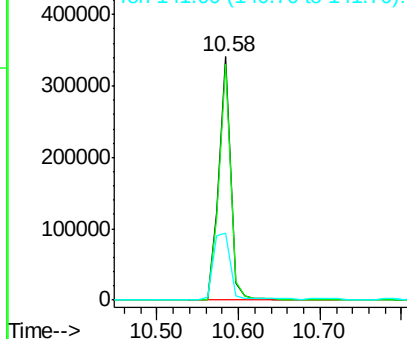


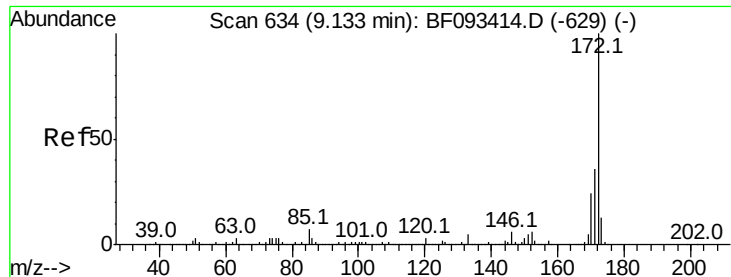
#41
2,4,6-Tribromophenol
Concen: 152.98 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	39.5	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: 92.15 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

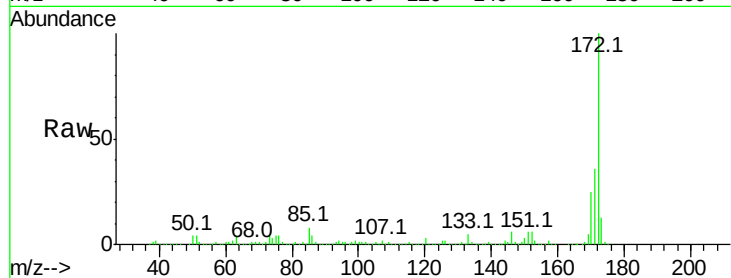
Tot Ion:172 Resp: 1720925

Ion Ratio Lower Upper

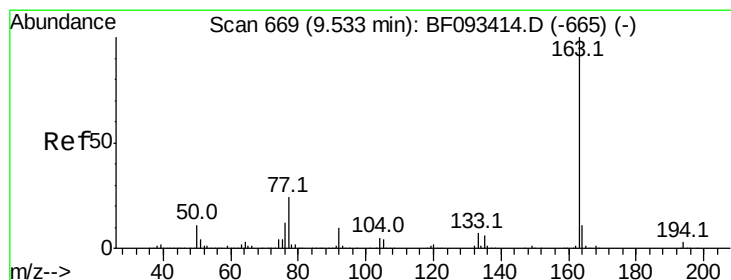
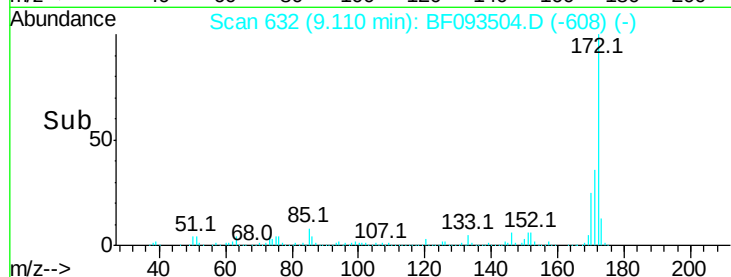
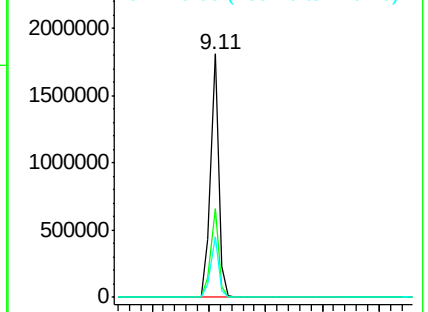
172 100

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: 2.18 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

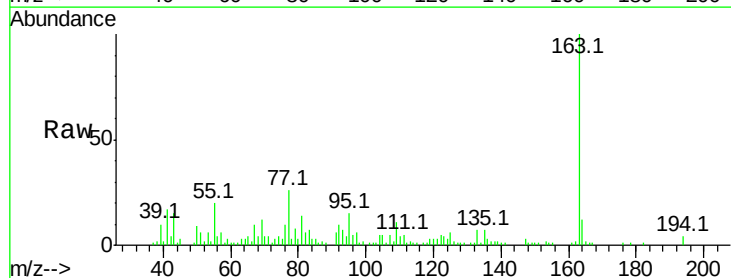
Tgt Ion:163 Resp: 50242

Ion Ratio Lower Upper

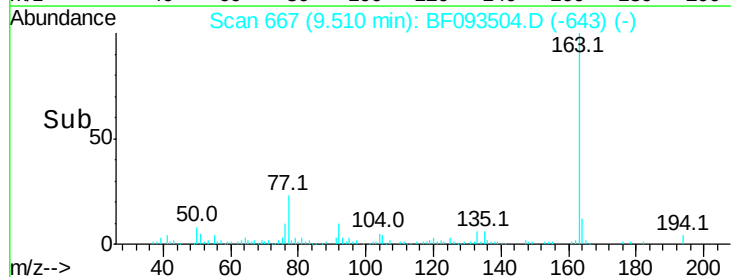
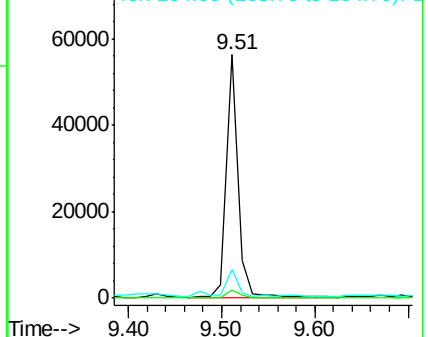
163 100

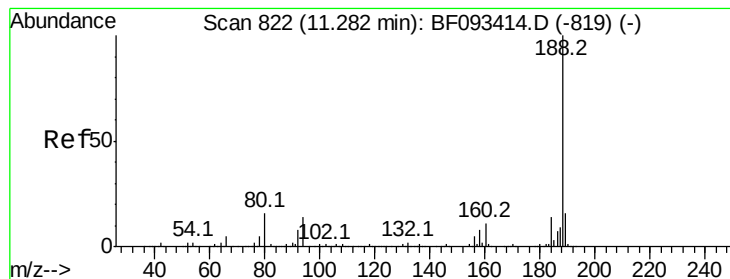
194 3.5 3.0 4.4

164 11.6 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: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

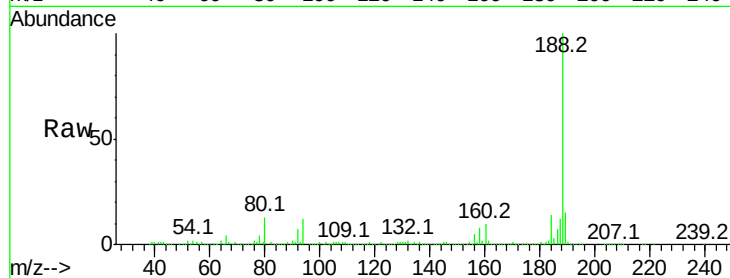
Tot Ion:188 Resp: 595502

Ion Ratio Lower Upper

188 100

94 12.1 10.0 15.0

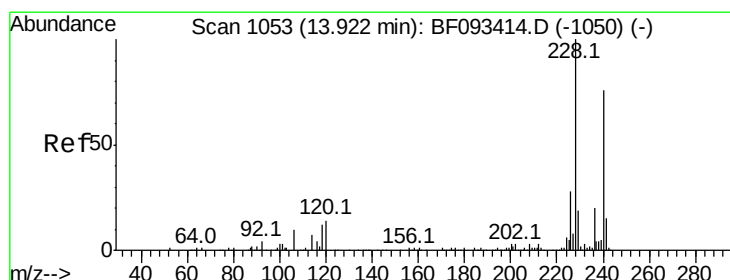
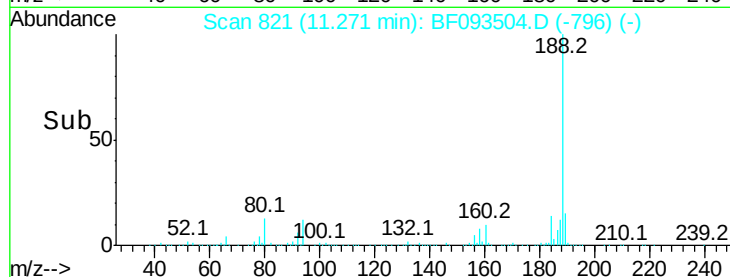
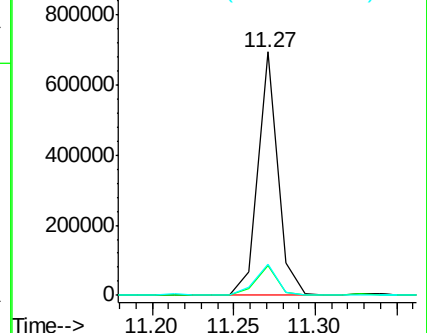
80 13.0 11.2 16.8



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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

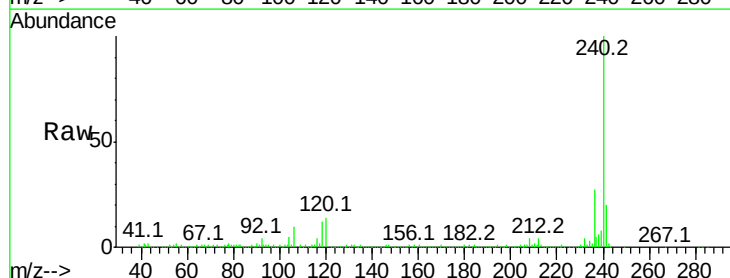
Tgt Ion:240 Resp: 389686

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

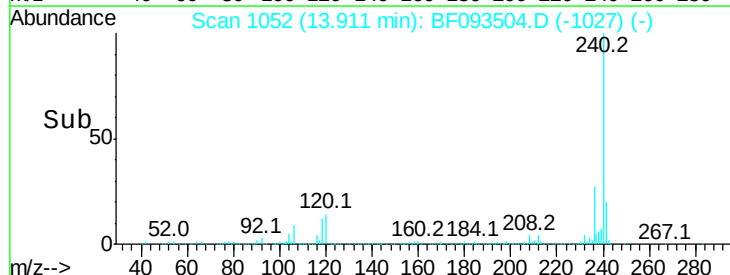
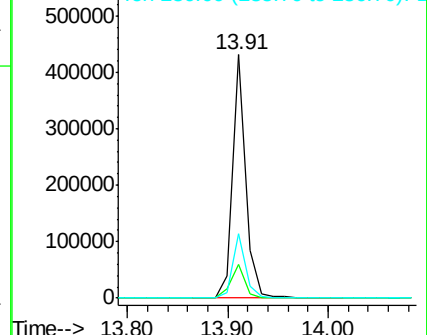
236 26.7 20.9 31.3

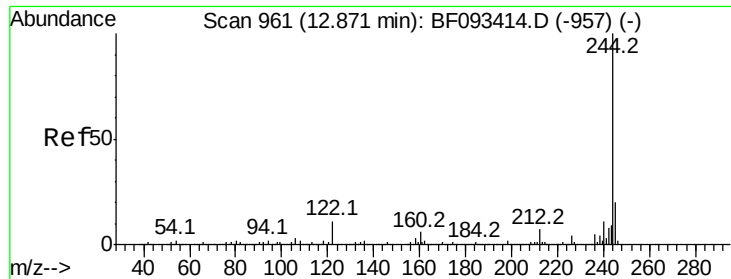


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.24 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

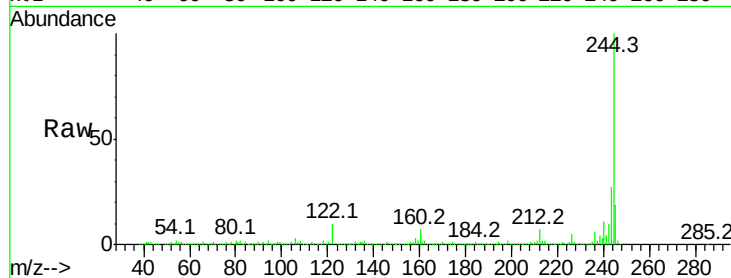
Tot Ion:244 Resp: 1382547

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

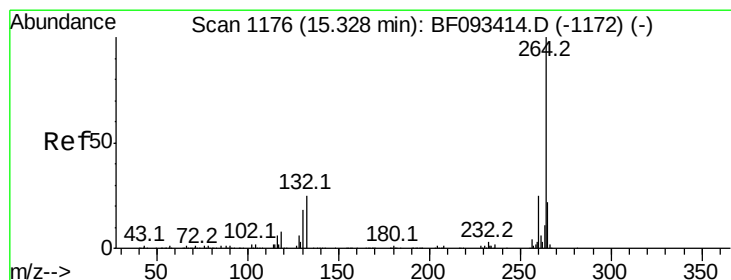
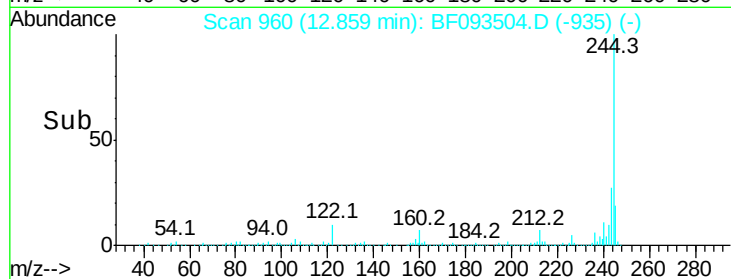
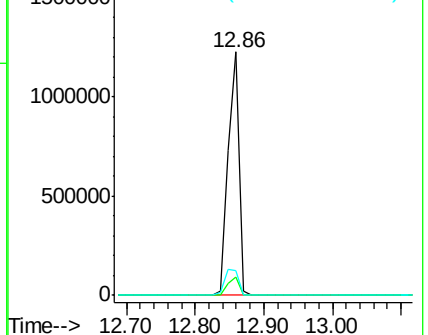
122 10.0 11.4 17.2#



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

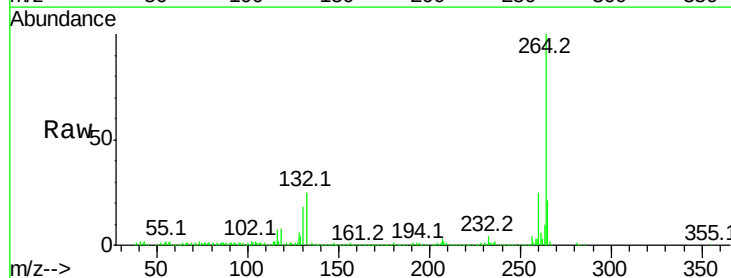
Tgt Ion:264 Resp: 354579

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.3 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

