

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093368.D
 Acq On : 3 Mar 2017 19:39
 Operator : SJ/MA
 Sample : I2079-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Mar 03 23:01:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:55:05 2017
 Response via : Initial Calibration

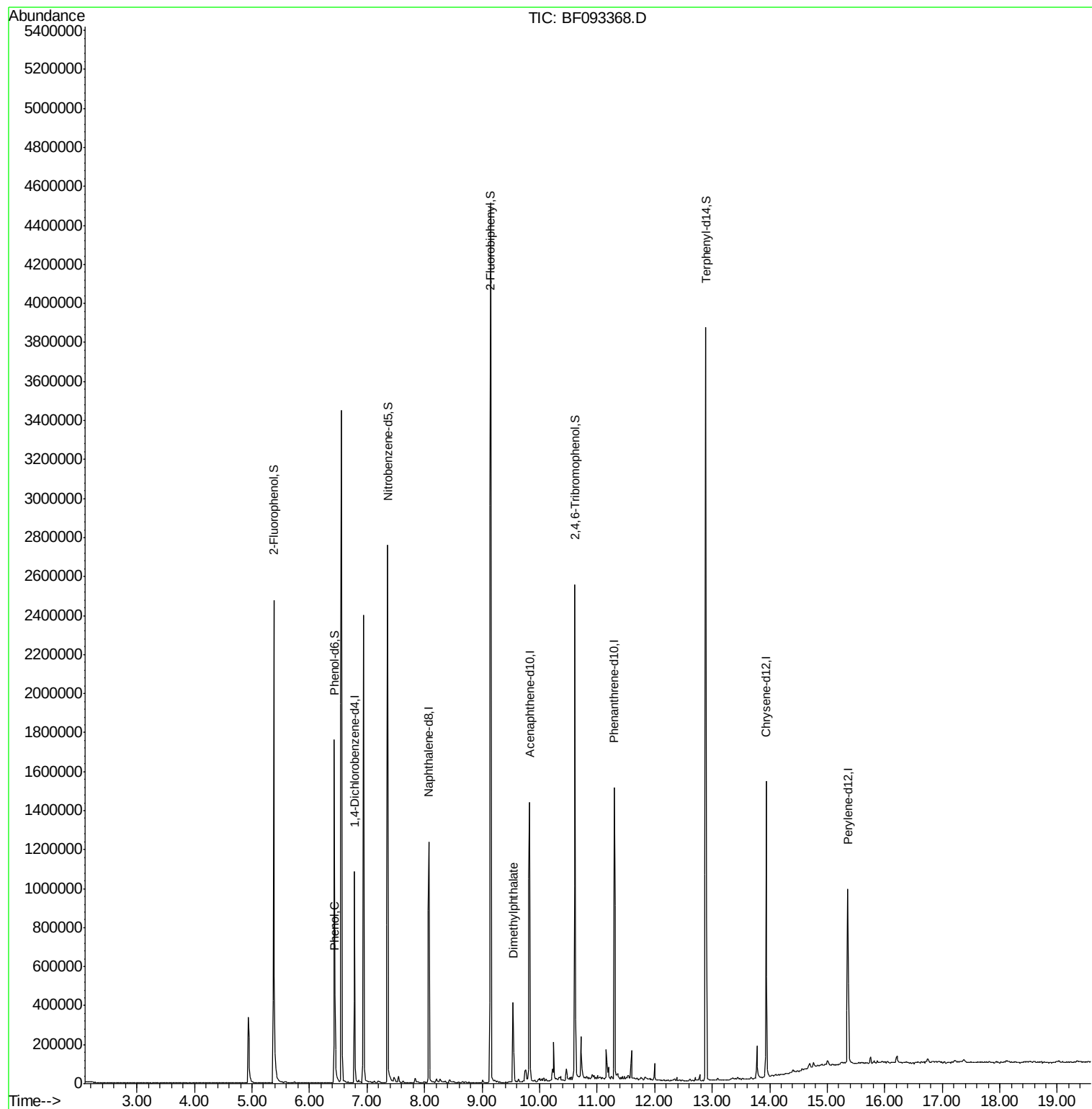
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	184855	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	766402	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	380885	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	677958	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	539855	20.00	ng	-0.01
86) Perylene-d12	15.36	264	388422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	733685	68.09	ng	0.00
7) Phenol-d6	6.43	99	606447	43.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	994363	72.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	291773	105.91	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1869615	88.93	ng	0.00
78) Terphenyl-d14	12.89	244	1285495	55.95	ng	0.00
Target Compounds						
10) Phenol	6.44	94	71492	4.41	ng	Qvalue # 74
49) Dimethylphthalate	9.54	163	178957	6.98	ng	99

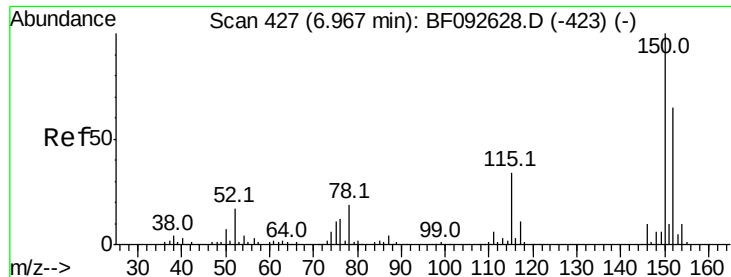
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

Instrument :

BNA_F

ClientSampleId :

W-1

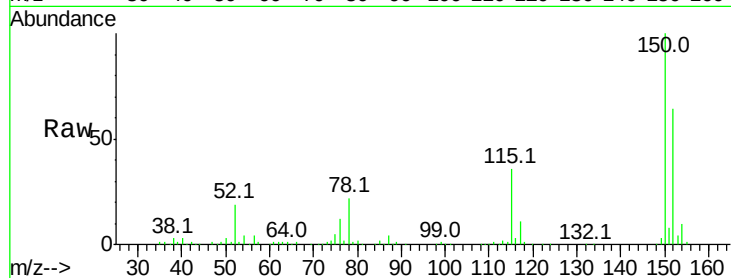
Tot Ion:152 Resp: 184855

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

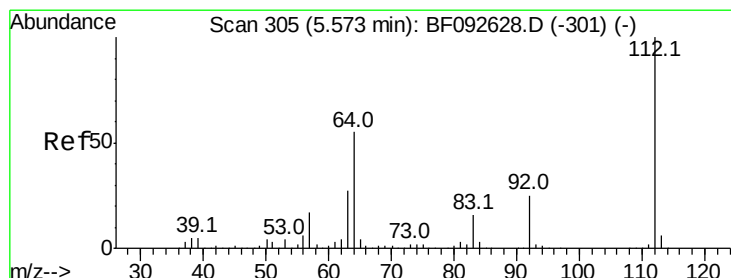
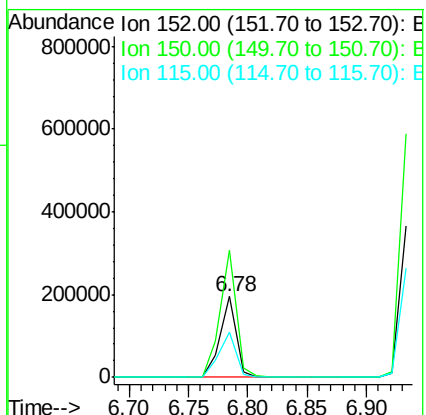
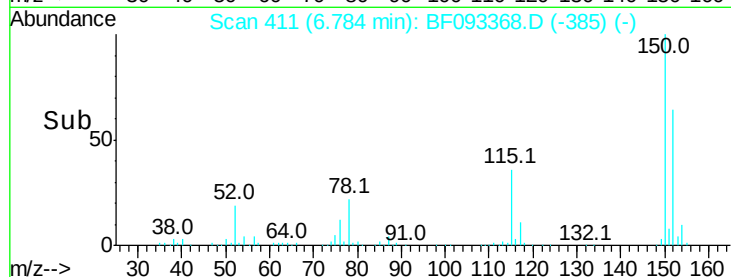
115 56.5 46.0 69.0



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: 68.09 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

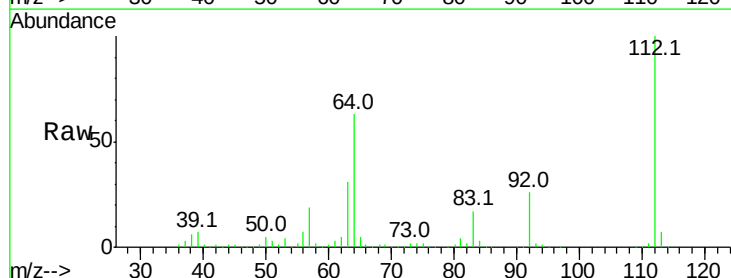
Tgt Ion:112 Resp: 733685

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

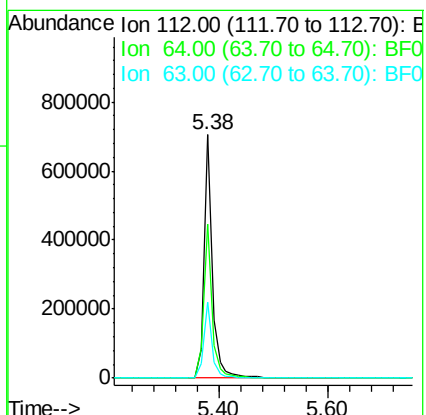
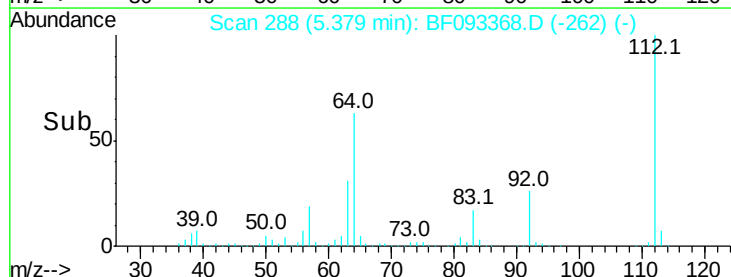
63 31.1 23.8 35.6

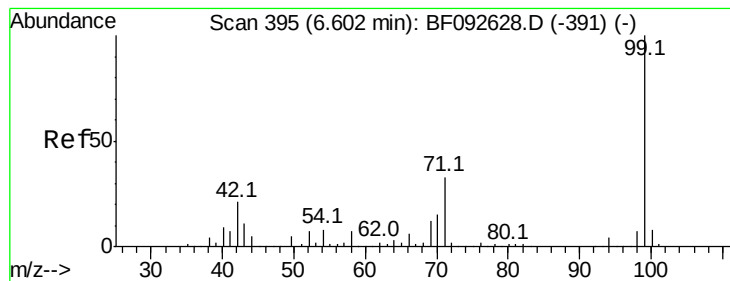


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.74 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

Instrument :

BNA_F

ClientSampleId :

W-1

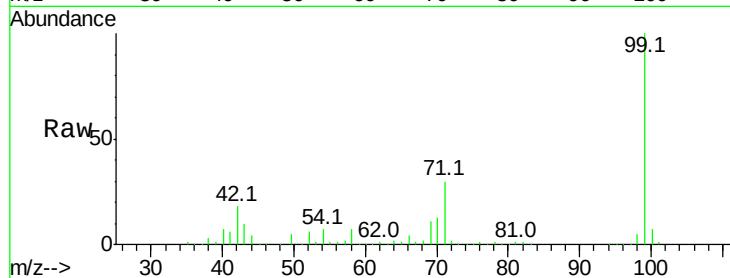
Tot Ion: 99 Resp: 606447

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

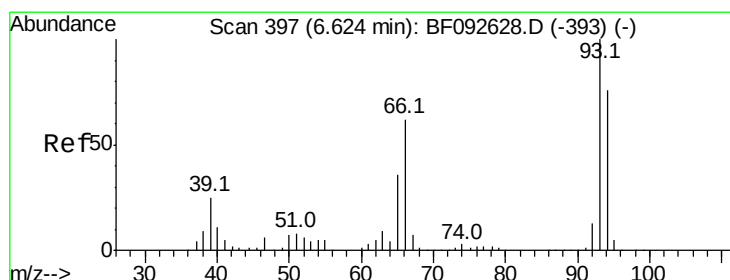
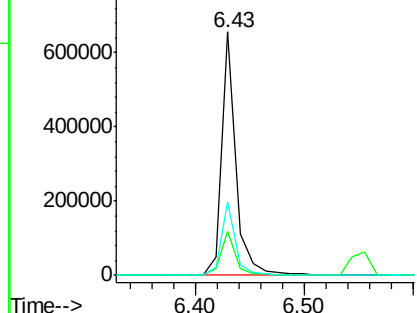
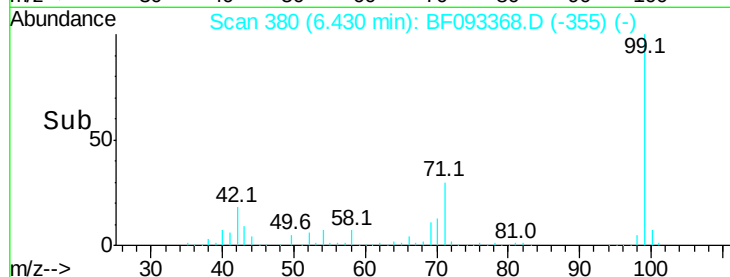
71 30.3 27.5 41.3



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: 4.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

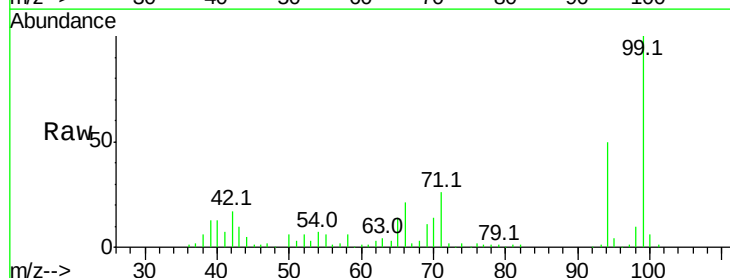
Tgt Ion: 94 Resp: 71492

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

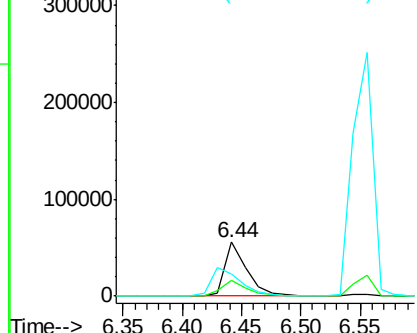
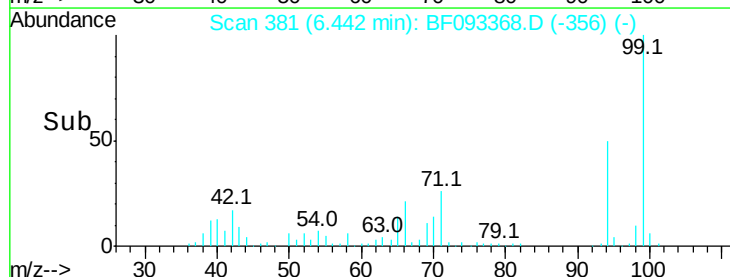
66 41.4 44.0 84.0#

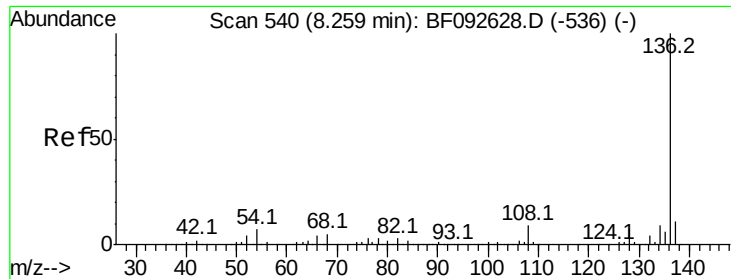


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

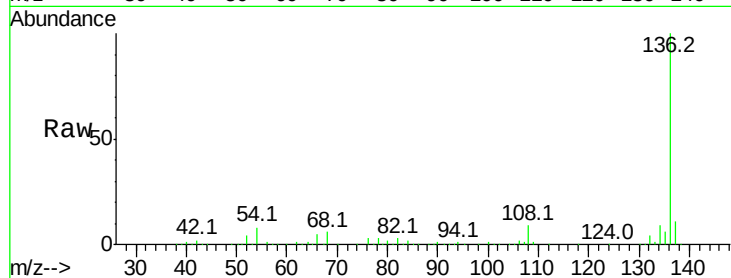




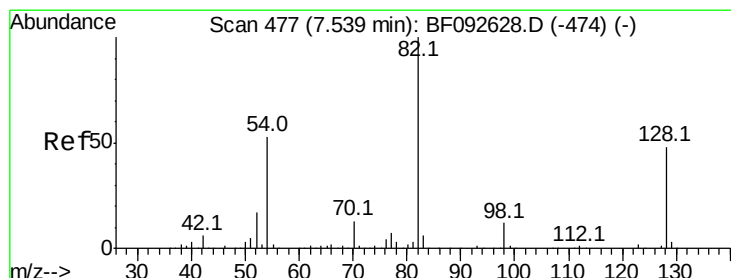
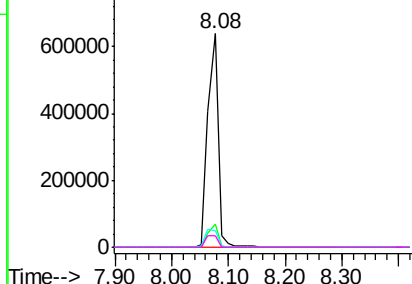
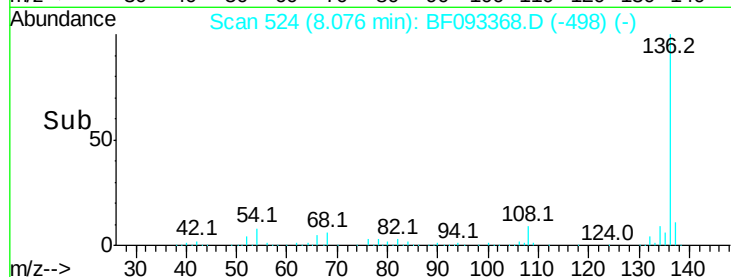
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Instrument :
BNA_F
ClientSampleId :
W-1

Tot Ion:	136	Resp:	766402
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.8	4.5	6.7#
68	5.6	3.6	5.4#

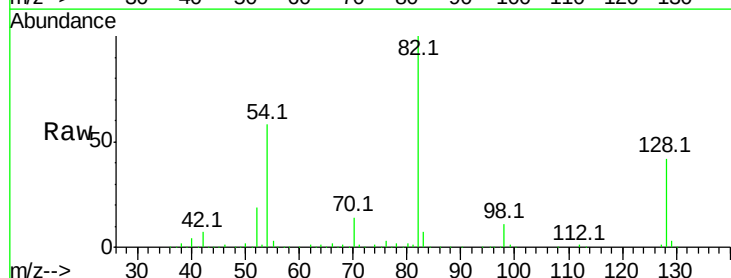


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

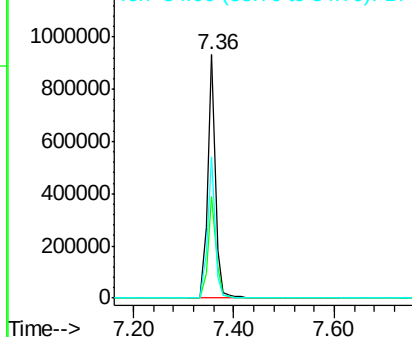
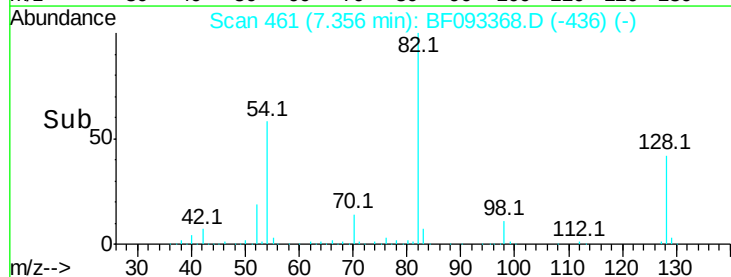


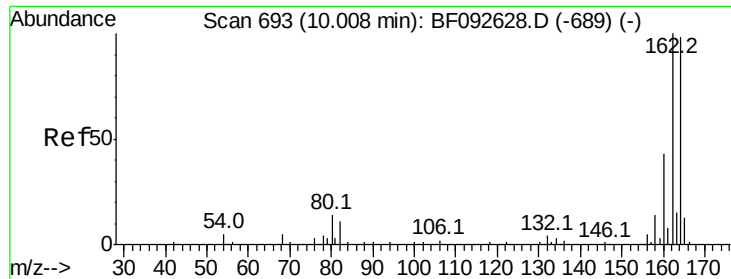
#23
Nitrobenzene-d5
Concen: 72.25 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion:	82	Resp:	994363
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.9	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

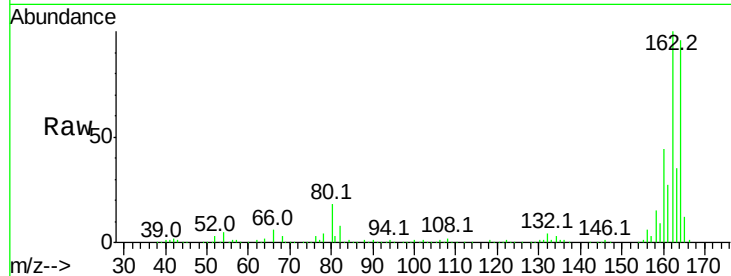




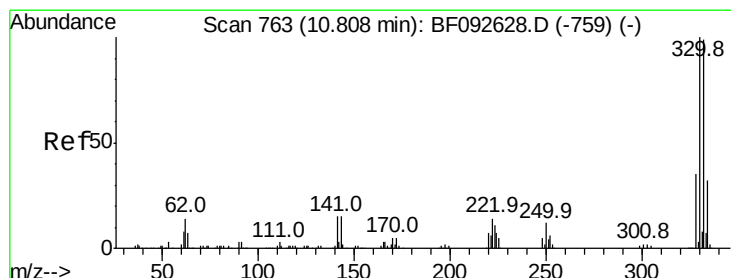
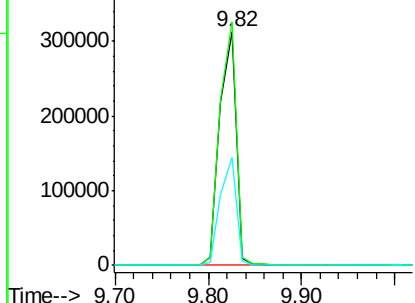
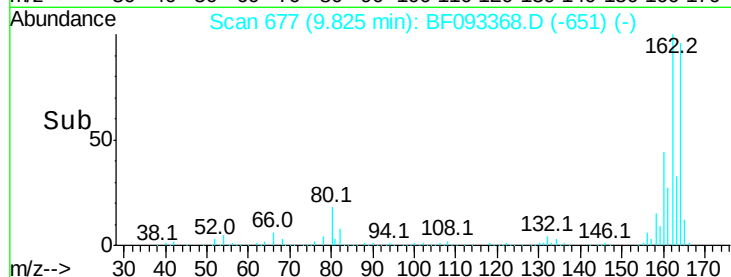
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Instrument :
BNA_F
ClientSampleId :
W-1

Tot Ion:164 Resp: 380885
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 46.1 36.9 55.3

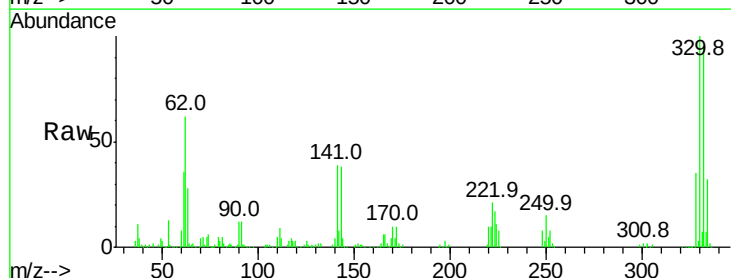


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

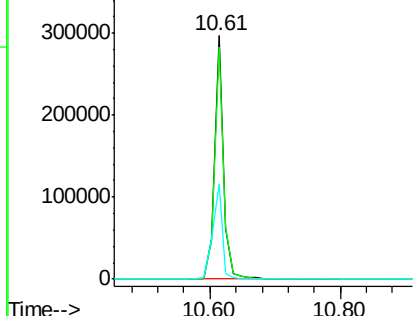
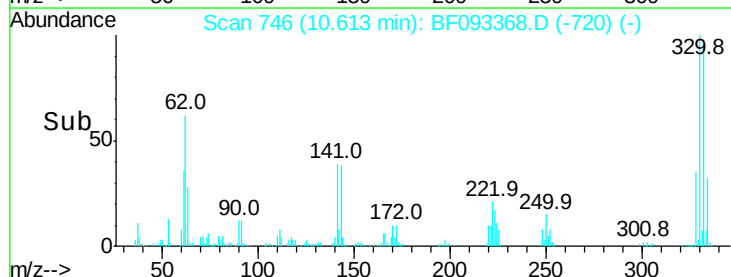


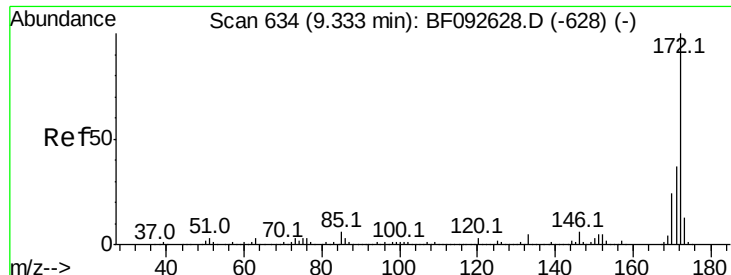
#41
2,4,6-Tribromophenol
Concen: 105.91 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion:330 Resp: 291773
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 42.3 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



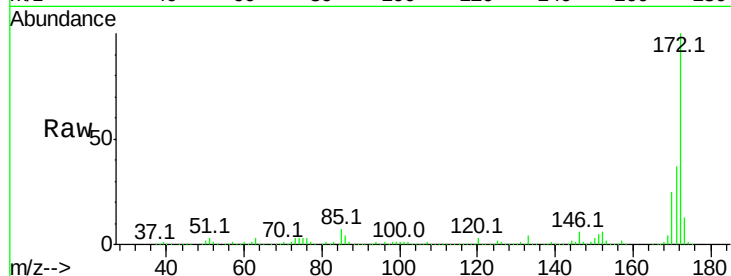


#44
 2-Fluorobiphenyl
 Concen: 88.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

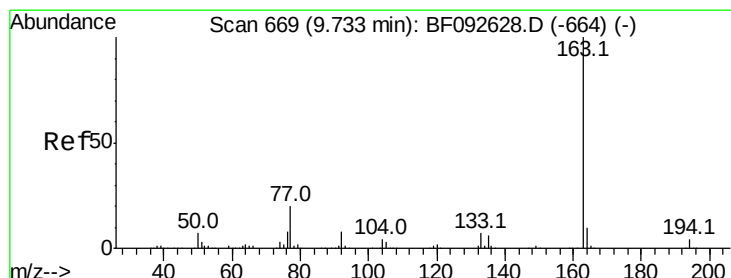
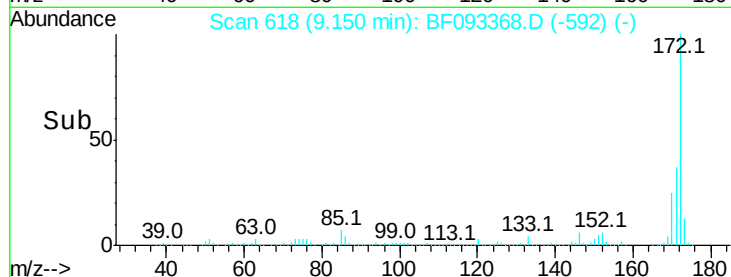
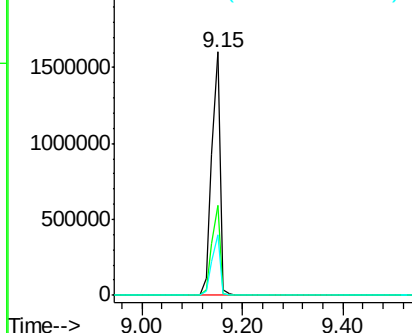
Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tot Ion:172 Resp: 1869615

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4



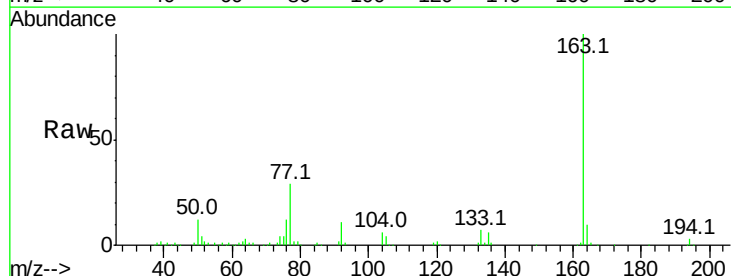
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



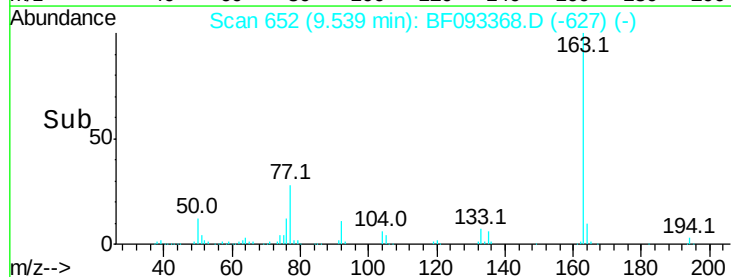
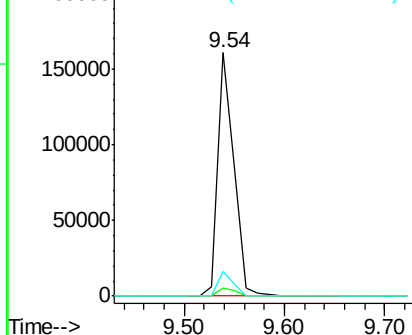
#49
 Dimethylphthalate
 Concen: 6.98 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF093368.D
 Acq: 3 Mar 2017 19:39

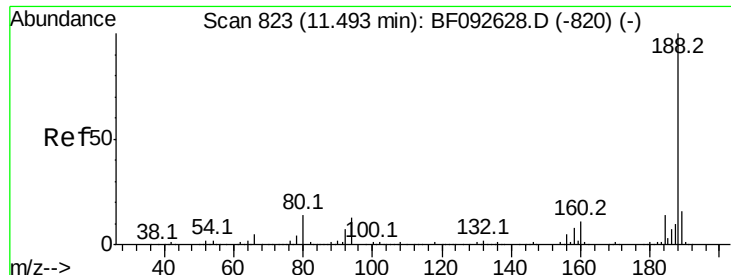
Tgt Ion:163 Resp: 178957

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.4	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

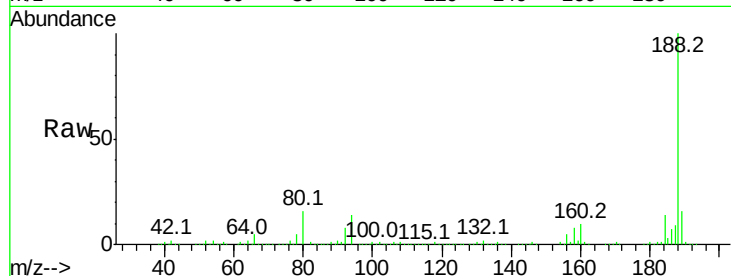




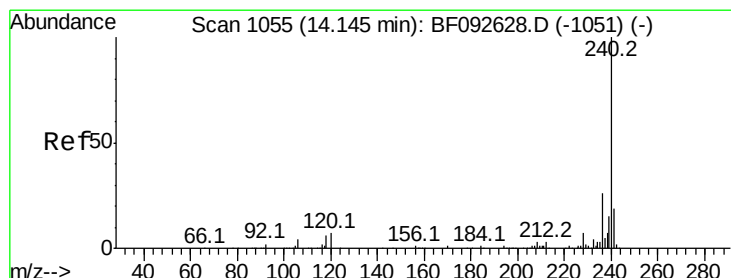
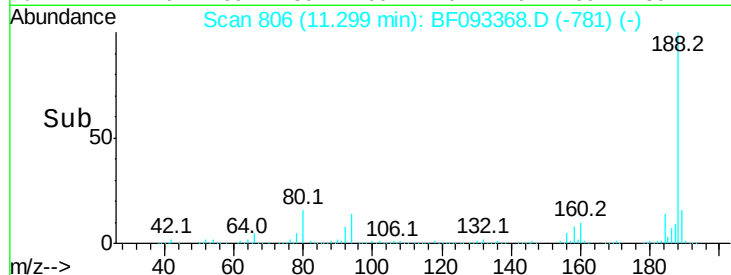
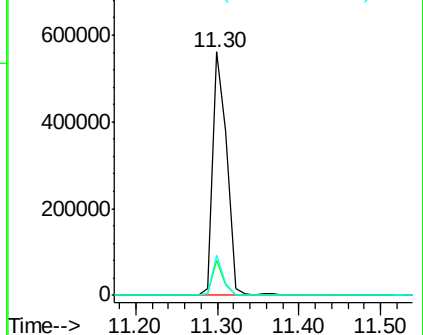
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Instrument :
BNA_F
ClientSampleId :
W-1

Tot Ion:188 Resp: 677958
Ion Ratio Lower Upper
188 100
94 14.3 10.0 15.0
80 16.4 11.2 16.8

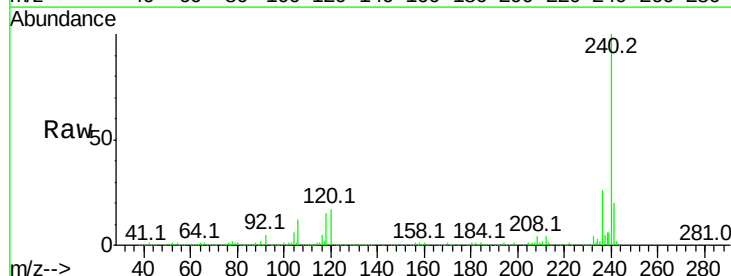


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

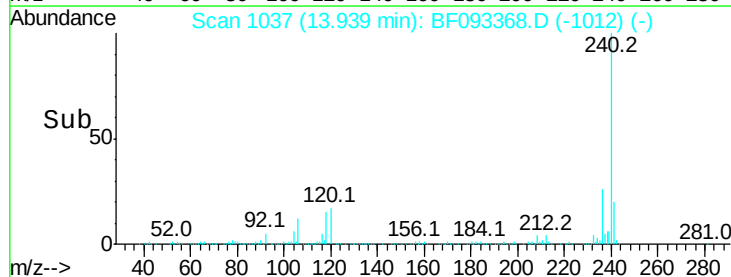
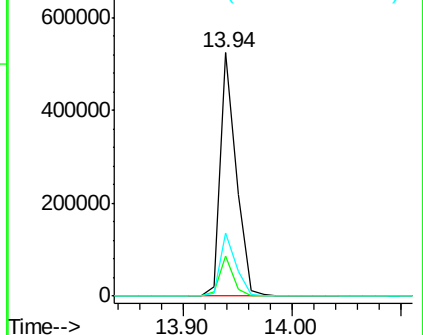


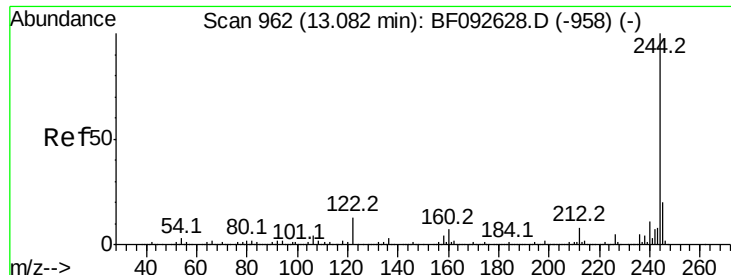
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF093368.D
Acq: 3 Mar 2017 19:39

Tgt Ion:240 Resp: 539855
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 26.0 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: 55.95 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

Instrument :

BNA_F

ClientSampleId :

W-1

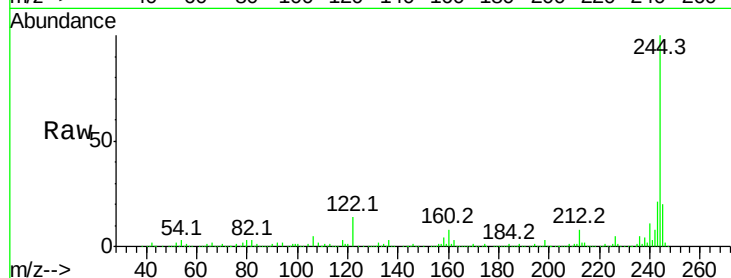
Tot Ion:244 Resp: 1285495

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

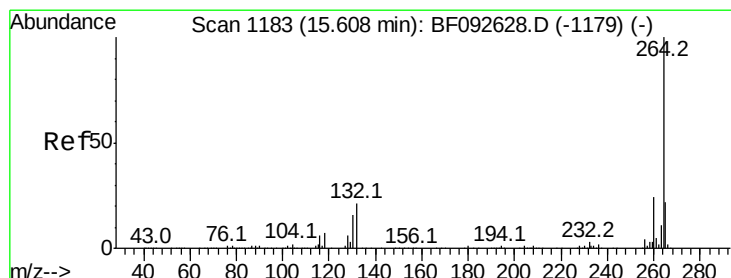
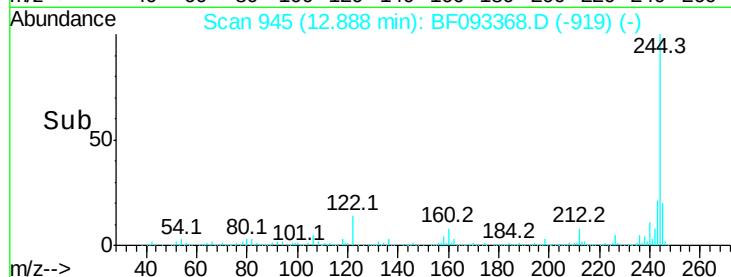
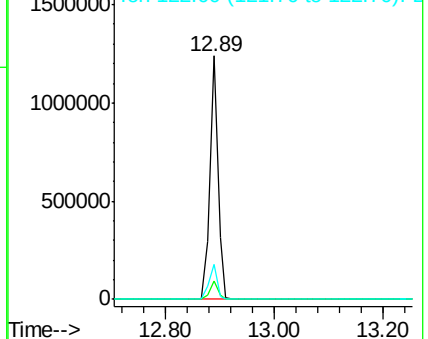
122 14.4 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF093368.D

Acq: 3 Mar 2017 19:39

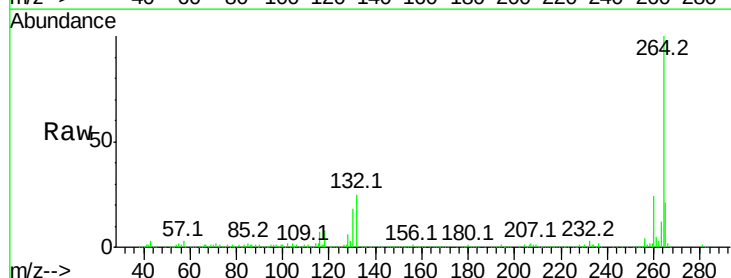
Tgt Ion:264 Resp: 388422

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 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

