

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093433.D
 Acq On : 8 Mar 2017 17:29
 Operator : SJ/MA
 Sample : I2099-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39B-9-11

Quant Time: Mar 08 17:54:41 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

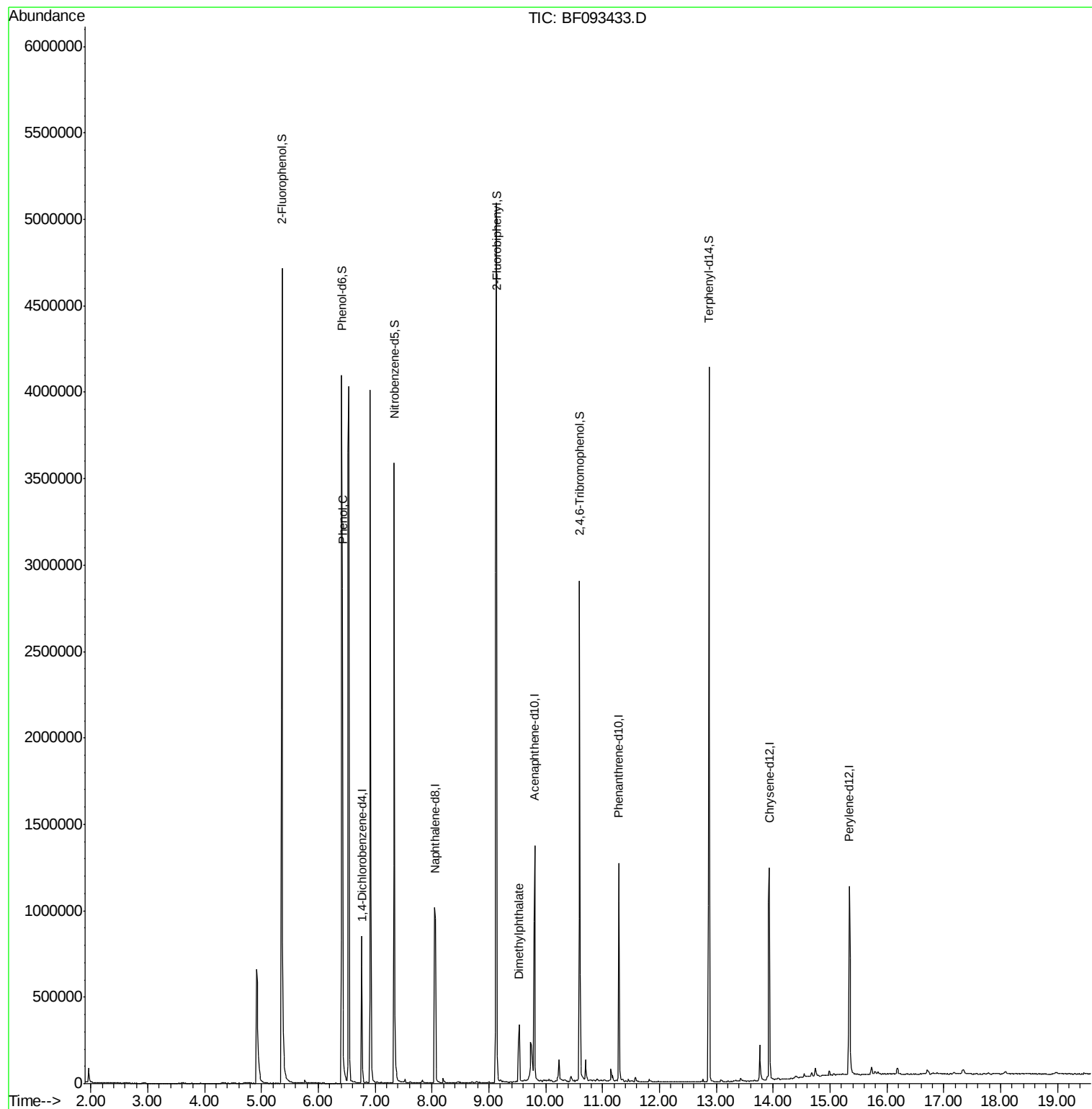
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178211	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	697538	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	342232	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	649821	20.00	ng	0.00
75) Chrysene-d12	13.93	240	606317	20.00	ng	0.01
86) Perylene-d12	15.34	264	507218	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1577101	147.29	ng	0.01
7) Phenol-d6	6.41	99	1987553	147.20	ng	0.00
23) Nitrobenzene-d5	7.34	82	1274237	101.36	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	356970	160.10	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1938215	105.34	ng	0.00
78) Terphenyl-d14	12.87	244	1652977	70.88	ng	0.00
Target Compounds						
10) Phenol	6.42	94	139408	8.43	ng	85
49) Dimethylphthalate	9.53	163	186277	8.21	ng	99

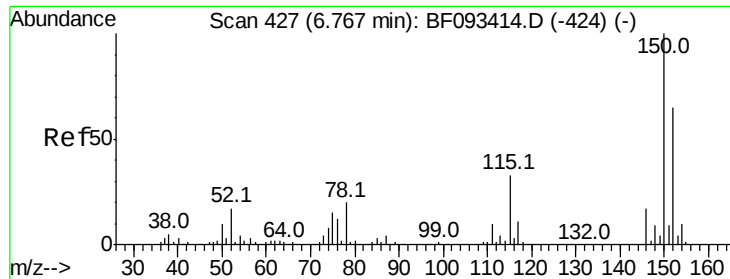
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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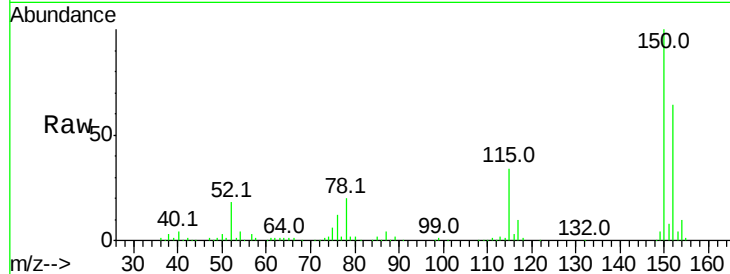


#1

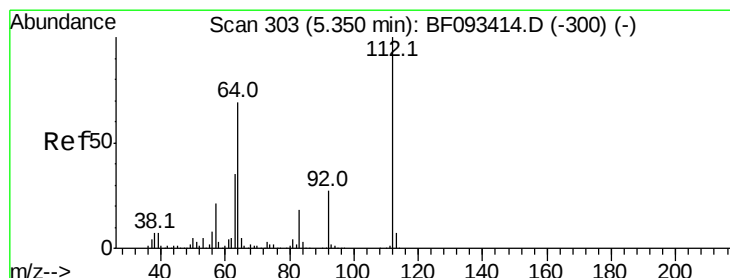
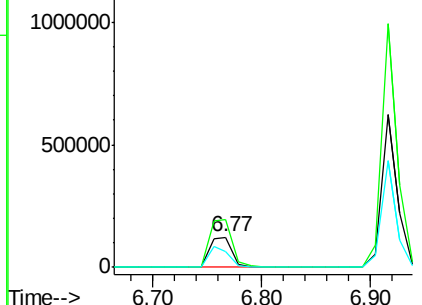
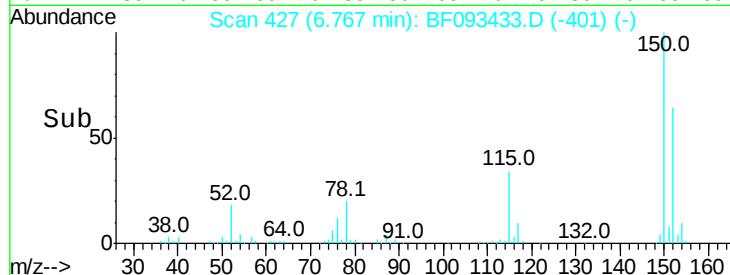
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF093433.D
 Acq: 8 Mar 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 39B-9-11

Tot Ion:152 Resp: 178211
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 53.7 46.0 69.0



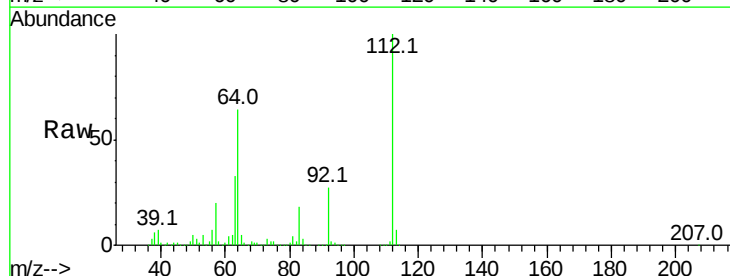
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



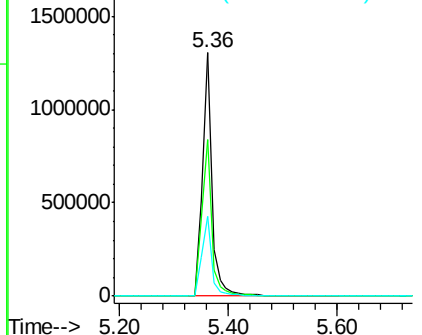
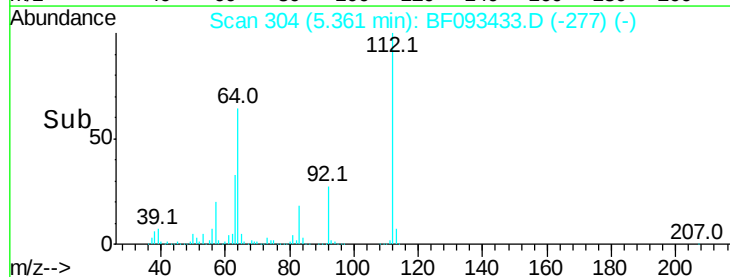
#5

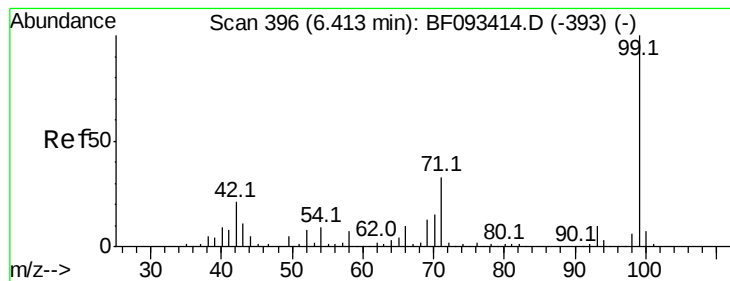
2-Fluorophenol
 Concen: 147.29 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093433.D
 Acq: 8 Mar 2017 17:29

Tgt Ion:112 Resp: 1577101
 Ion Ratio Lower Upper
 112 100
 64 64.5 46.1 69.1
 63 33.0 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: 147.20 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

Instrument :

BNA_F

ClientSampleId :

39B-9-11

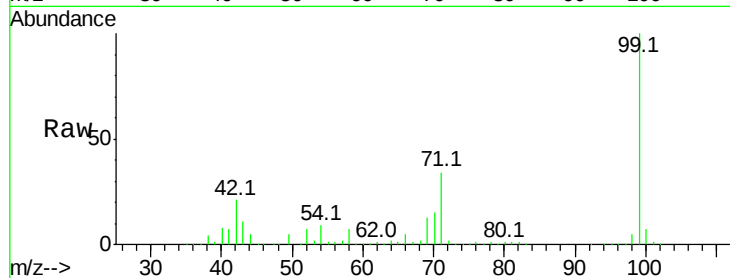
Tot Ion: 99 Resp: 1987553

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

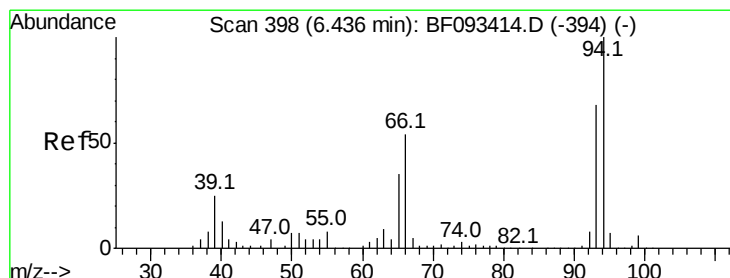
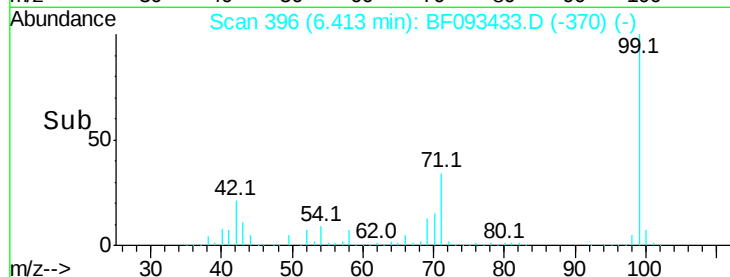
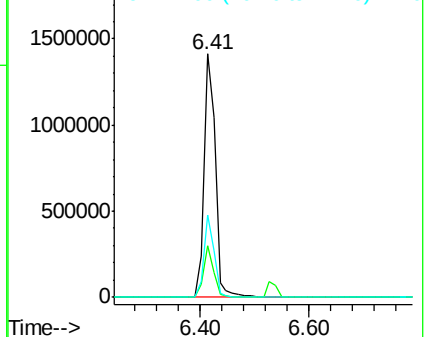
71 33.8 27.5 41.3



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: 8.43 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

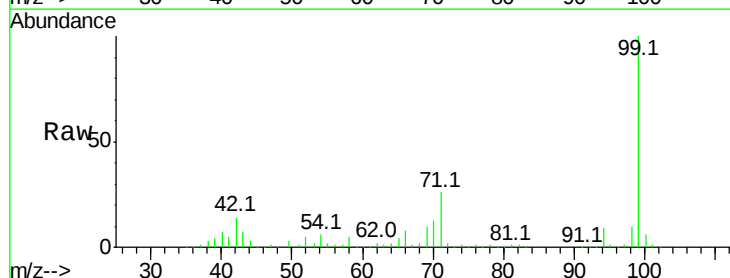
Tgt Ion: 94 Resp: 139408

Ion Ratio Lower Upper

94 100

65 41.6 21.4 61.4

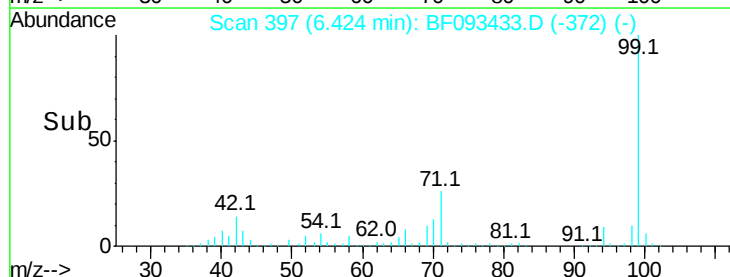
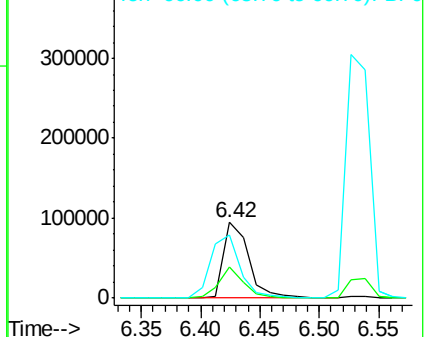
66 83.0 44.0 84.0

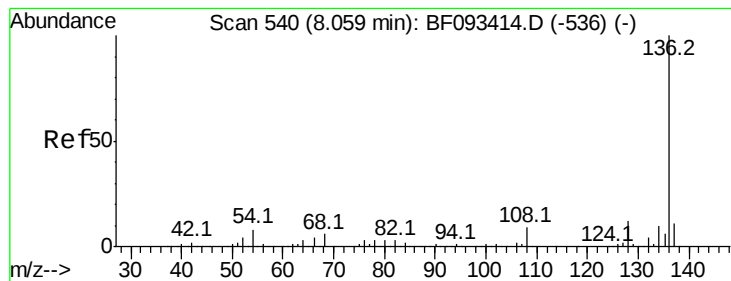


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

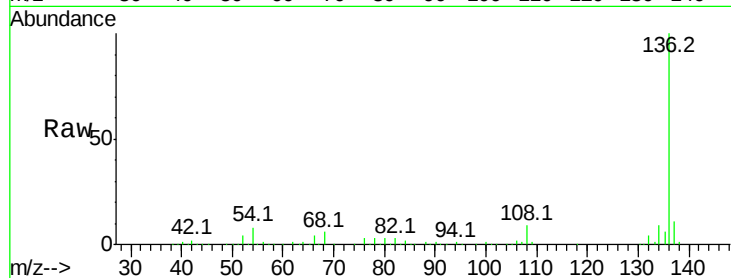




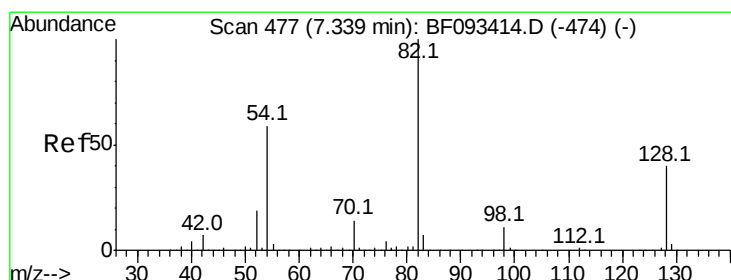
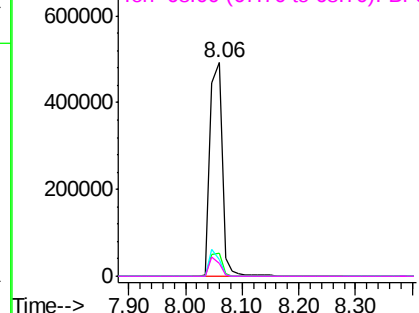
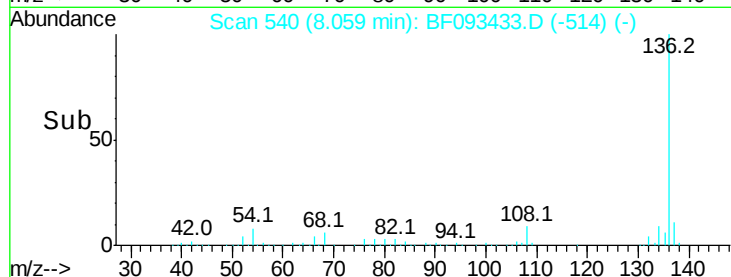
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

Instrument :
BNA_F
ClientSampleId :
39B-9-11

Tot Ion:	136	Resp:	697538
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.8	4.5	6.7#
68	5.8	3.6	5.4#

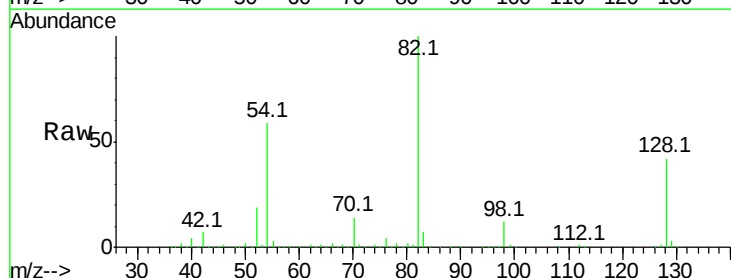


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

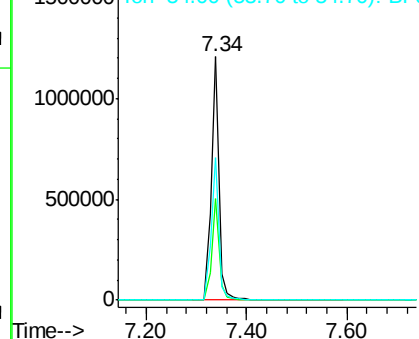
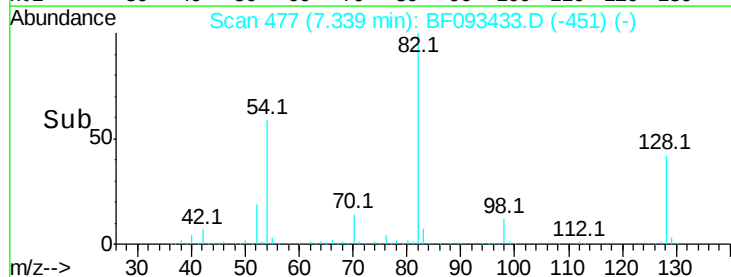


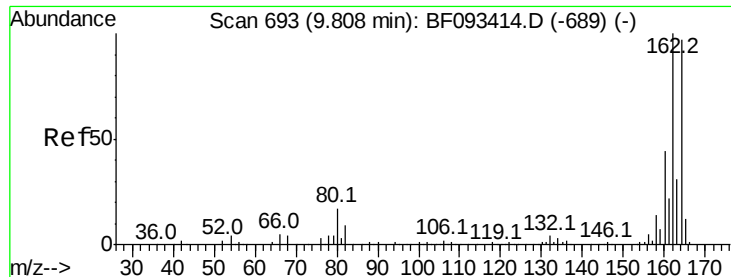
#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

Tgt Ion:	82	Resp:	1274237
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	58.5	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

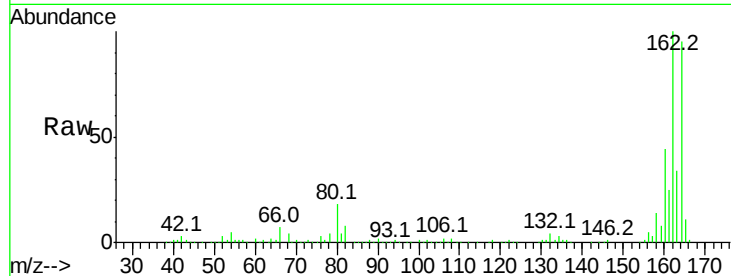




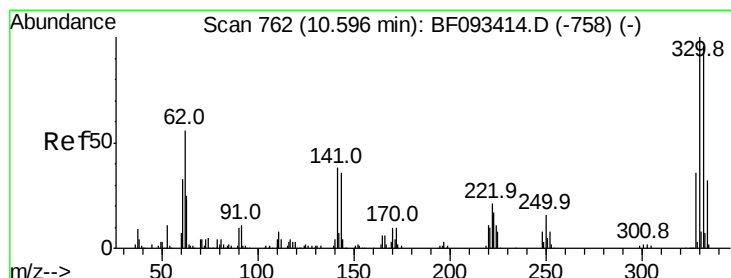
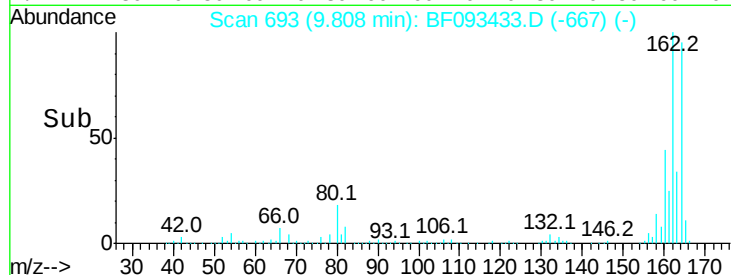
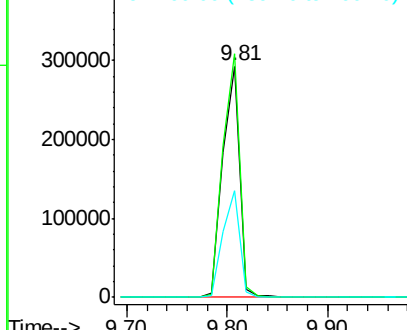
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

Instrument :
BNA_F
ClientSampleId :
39B-9-11

Tot Ion:164 Resp: 342232
Ion Ratio Lower Upper
164 100
162 105.2 80.2 120.2
160 46.2 36.9 55.3

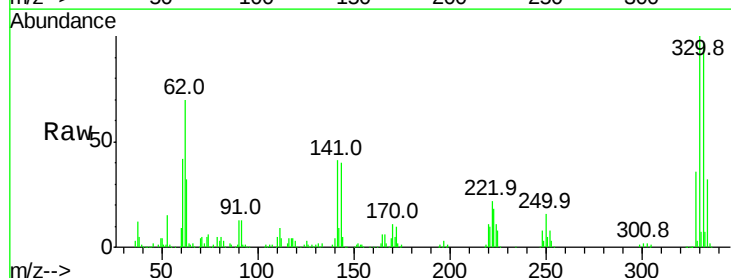


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

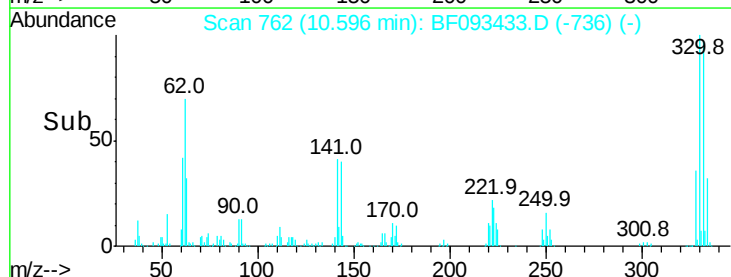
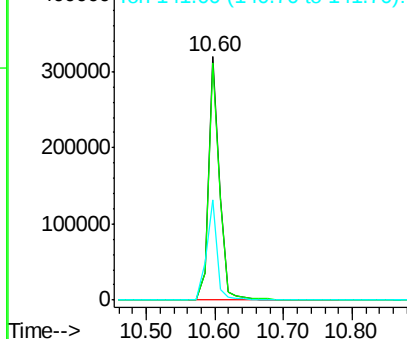


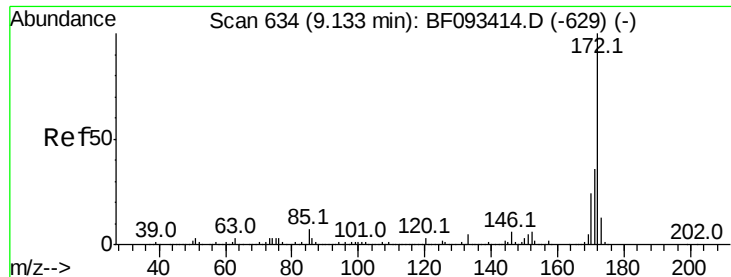
#41
2,4,6-Tribromophenol
Concen: 160.10 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

Tgt Ion:330 Resp: 356970
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 39.4 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: 105.34 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

Instrument :

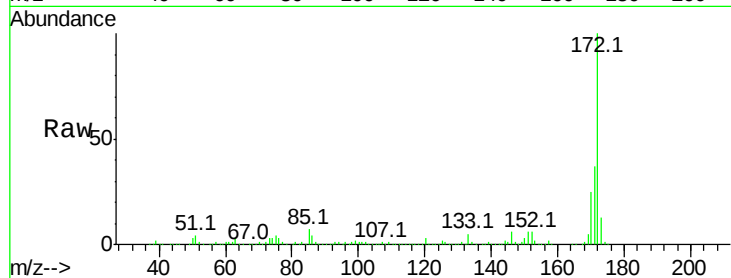
BNA_F

ClientSampleId :

39B-9-11

Tot Ion:172 Resp: 1938215

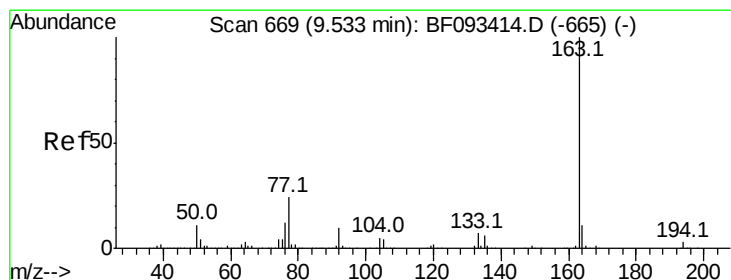
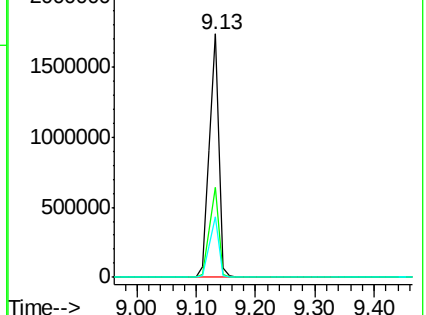
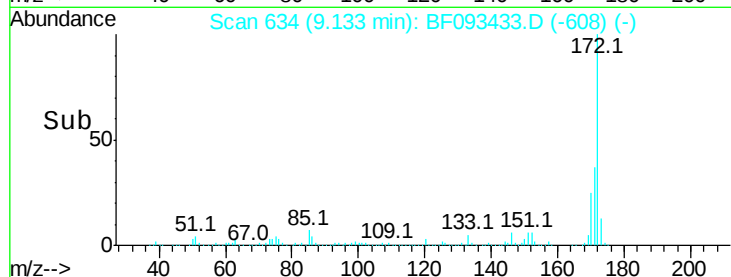
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	20.2	30.4



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: 8.21 ng

RT: 9.53 min Scan# 669

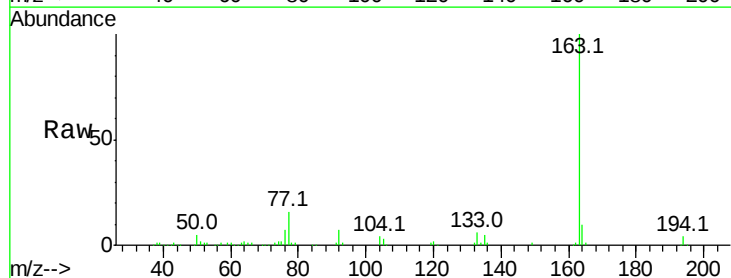
Delta R.T. -0.00 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

Tgt Ion:163 Resp: 186277

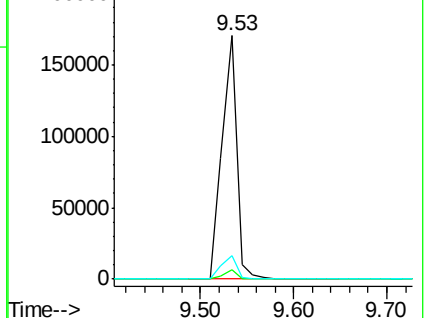
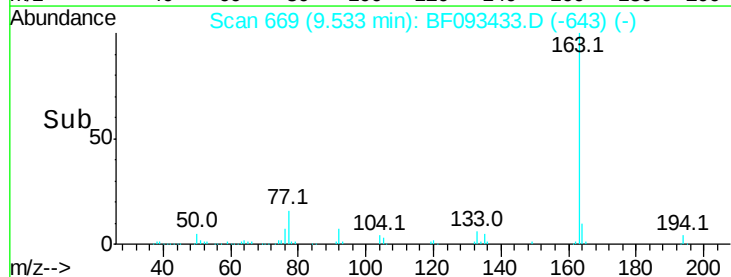
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.0	12.0

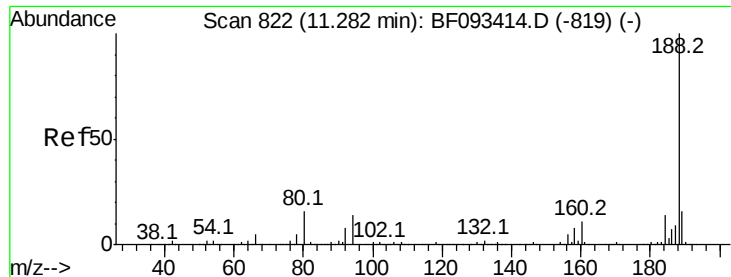


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

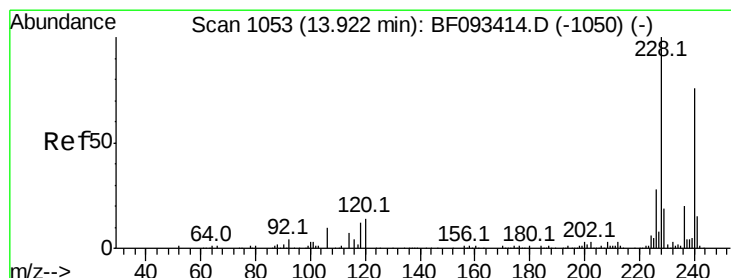
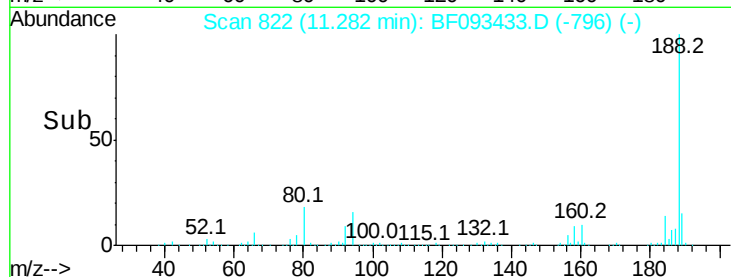
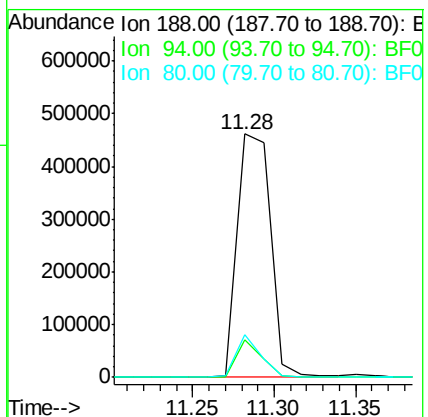
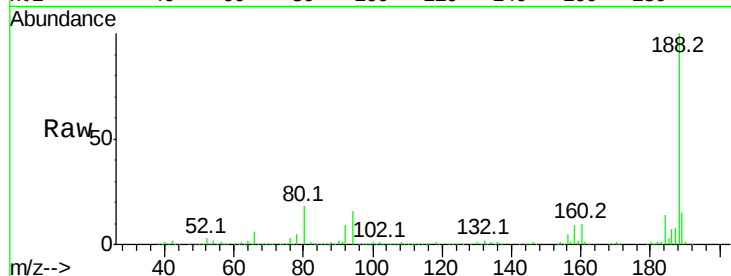




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

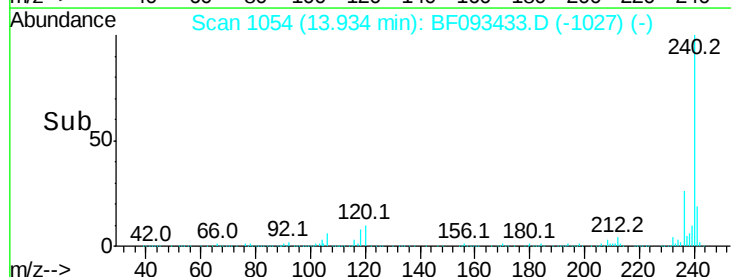
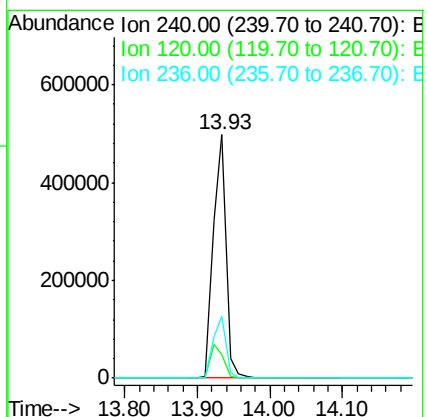
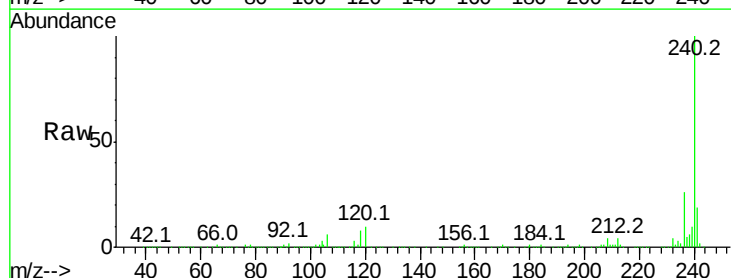
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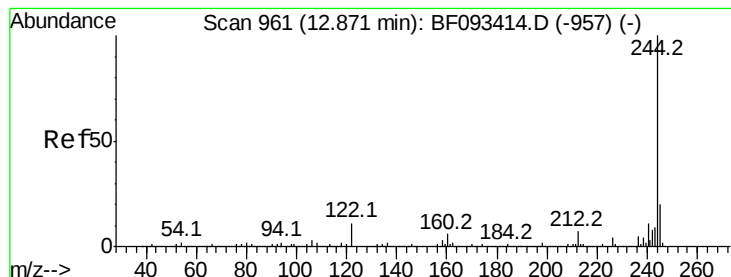
Tot Ion:188 Resp: 649821
Ion Ratio Lower Upper
188 100
94 15.6 10.0 15.0#
80 17.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093433.D
Acq: 8 Mar 2017 17:29

Tgt Ion:240 Resp: 606317
Ion Ratio Lower Upper
240 100
120 9.5 12.9 19.3#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 70.88 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

Instrument :

BNA_F

ClientSampleId :

39B-9-11

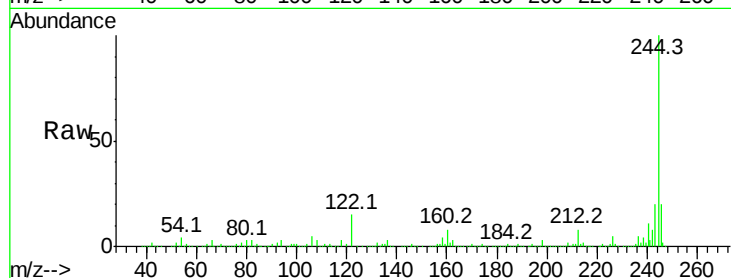
Tot Ion:244 Resp: 1652977

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

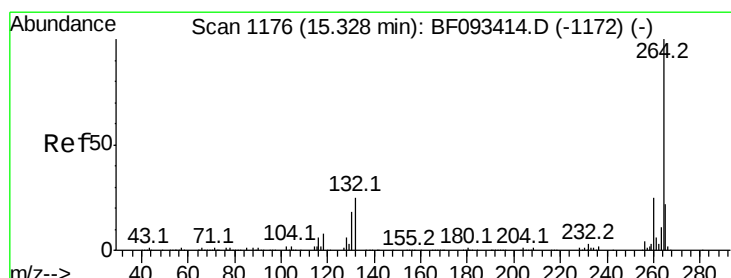
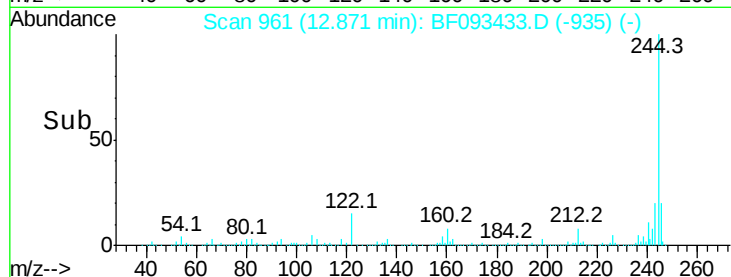
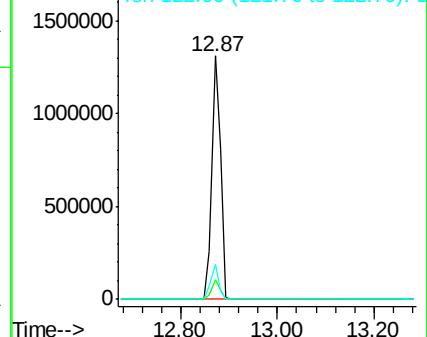
122 14.5 11.4 17.2



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: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093433.D

Acq: 8 Mar 2017 17:29

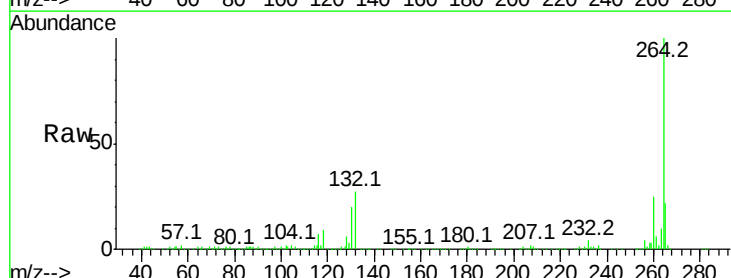
Tgt Ion:264 Resp: 507218

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

