

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093337.D
 Acq On : 2 Mar 2017 22:50
 Operator : SJ/MA
 Sample : I2015-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38A-7-9

Quant Time: Mar 03 01:21:34 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 00:22:20 2017
 Response via : Initial Calibration

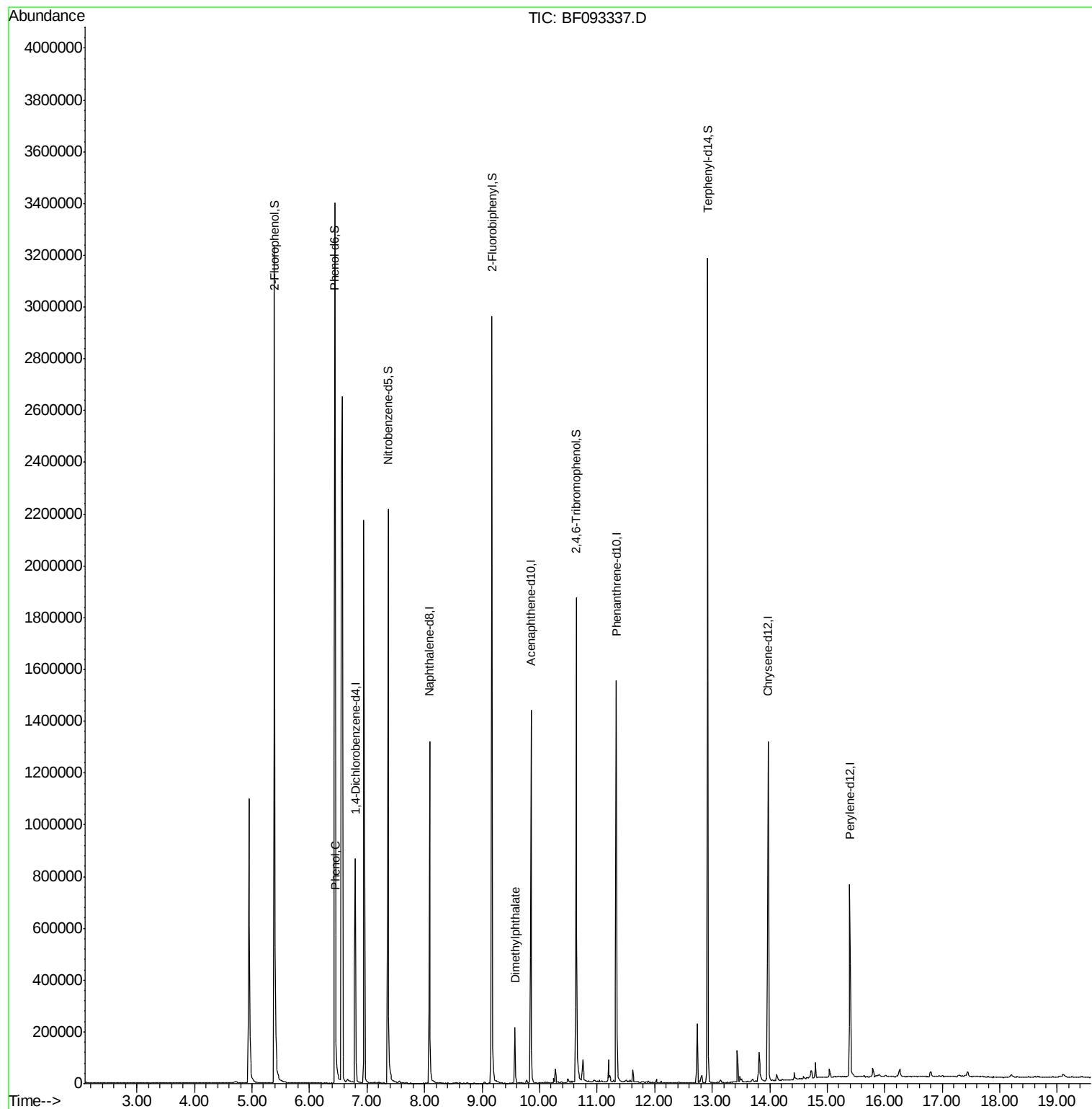
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157777	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	639742	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	309557	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	581622	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	495683	20.00	ng	-0.01
86) Perylene-d12	15.39	264	348381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1046767	113.82	ng	0.00
7) Phenol-d6	6.44	99	1281346	108.29	ng	-0.01
23) Nitrobenzene-d5	7.37	82	794725	69.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	231718	103.50	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1266102	74.10	ng	0.00
78) Terphenyl-d14	12.92	244	1083403	51.36	ng	0.00
Target Compounds						
10) Phenol	6.45	94	58721	4.24	ng	Qvalue # 76
49) Dimethylphthalate	9.57	163	134275	6.44	ng	99

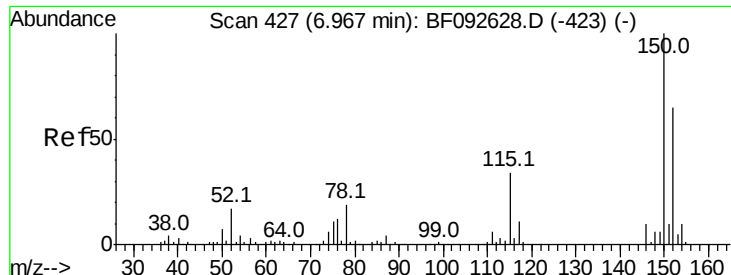
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

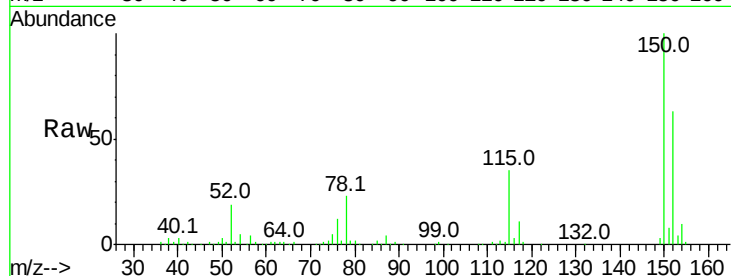
Tot Ion:152 Resp: 157777

Ion Ratio Lower Upper

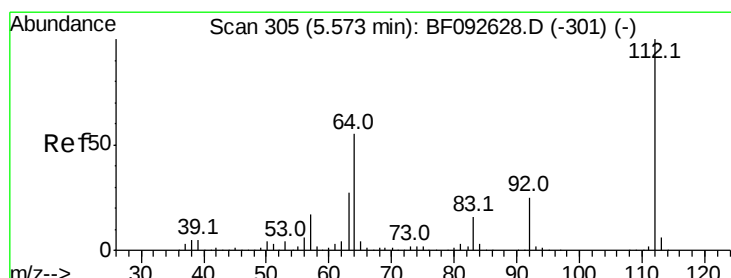
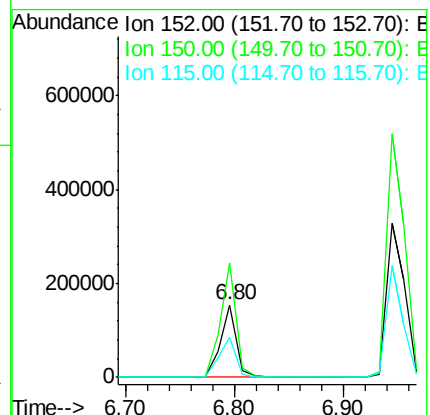
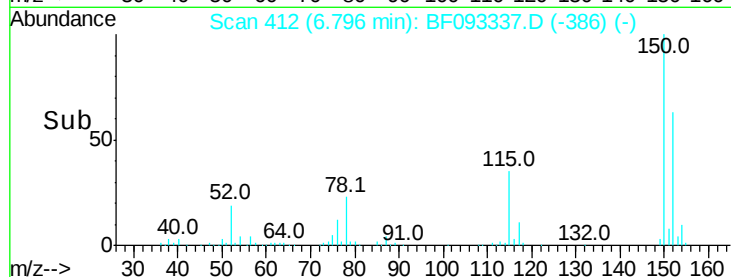
152 100

150 157.9 124.9 187.3

115 55.9 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: 113.82 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

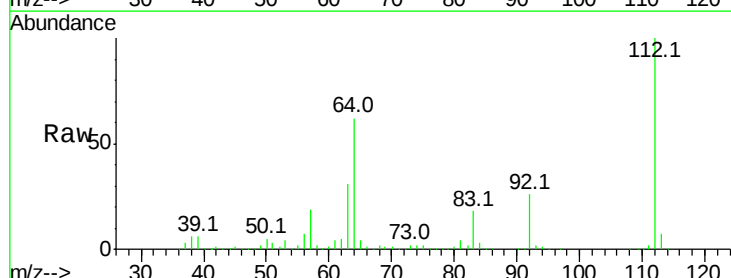
Tgt Ion:112 Resp: 1046767

Ion Ratio Lower Upper

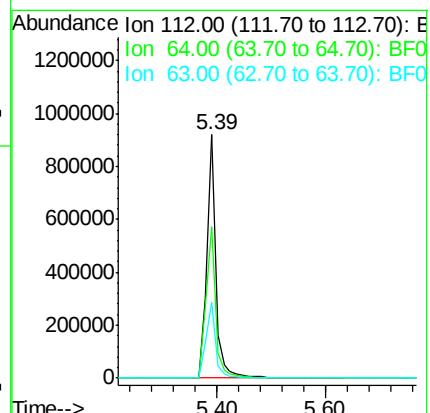
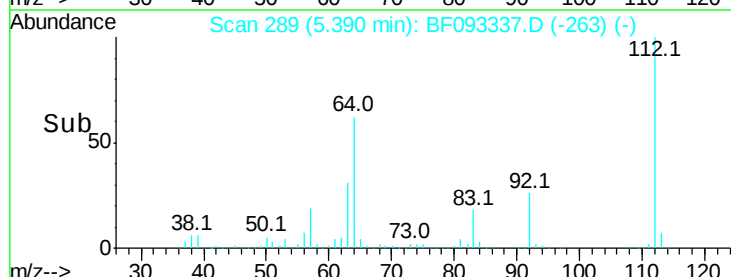
112 100

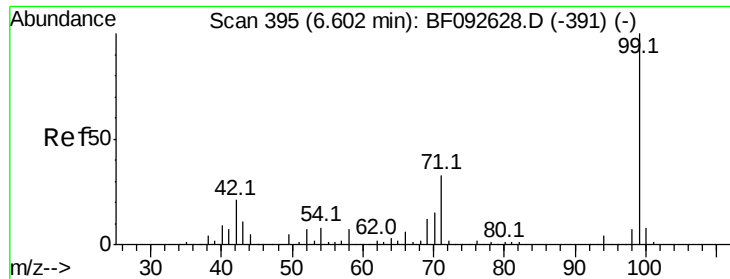
64 62.1 46.1 69.1

63 31.5 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: 108.29 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

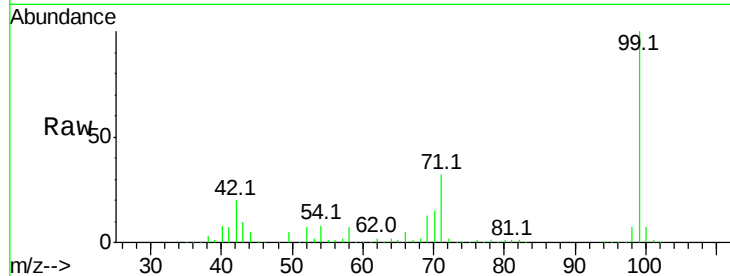
Tot Ion: 99 Resp: 1281346

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

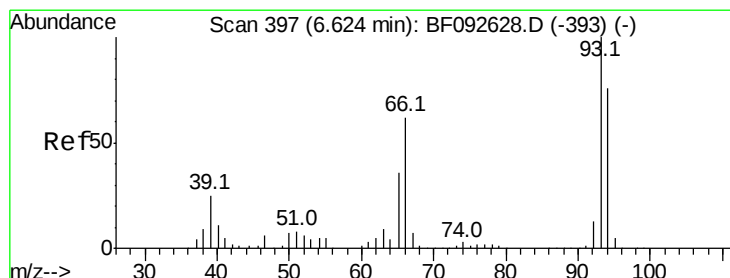
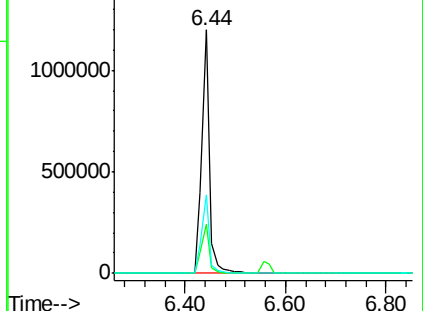
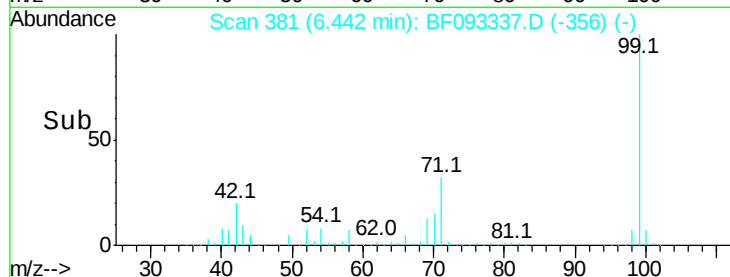
71 32.5 27.5 41.3



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: 4.24 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

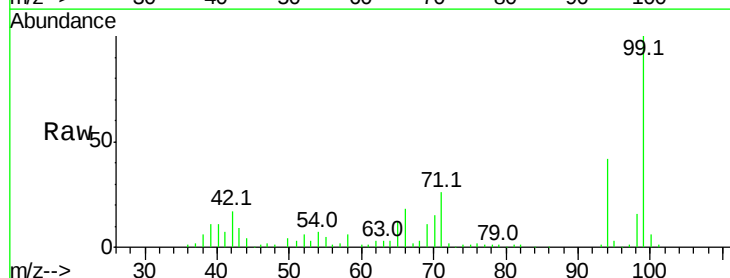
Tgt Ion: 94 Resp: 58721

Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

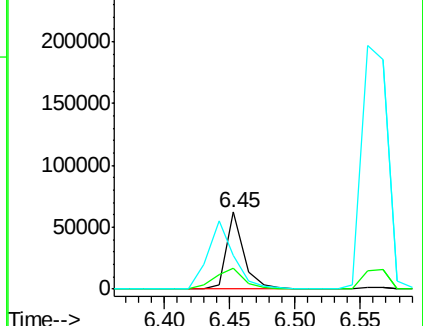
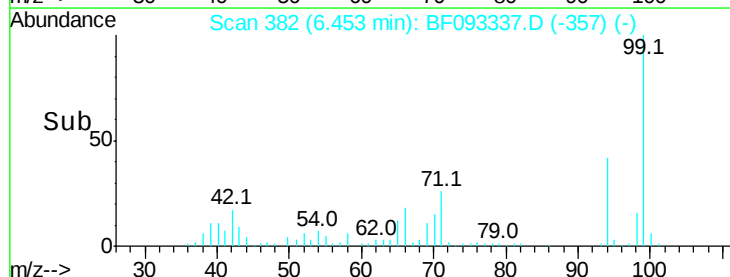
66 43.8 44.0 84.0#

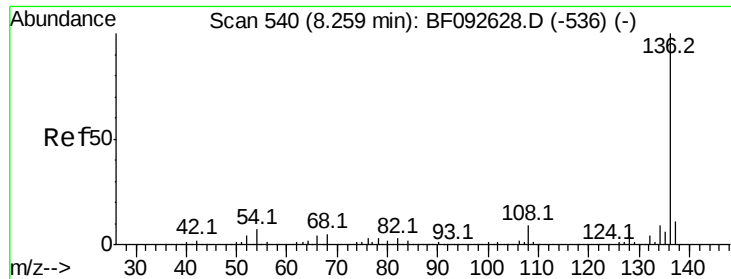


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

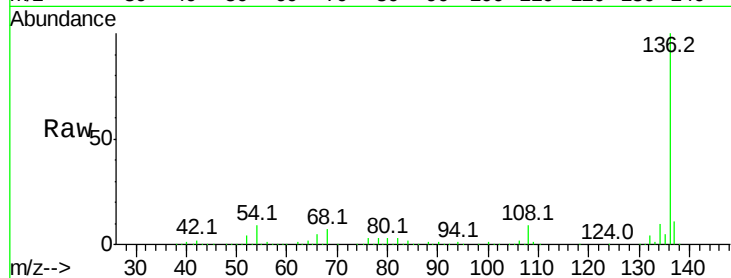




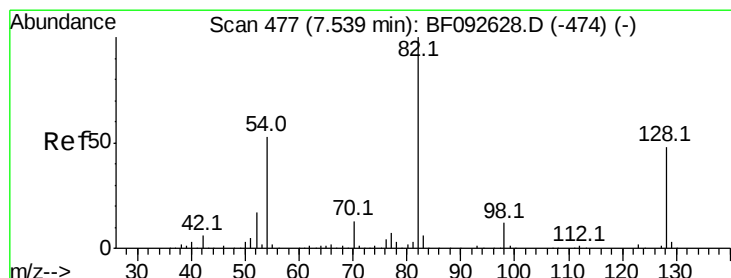
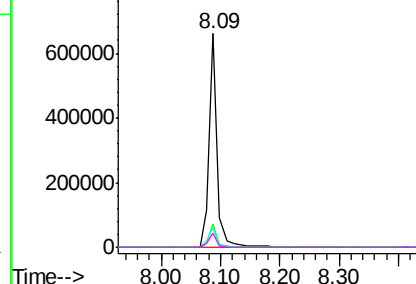
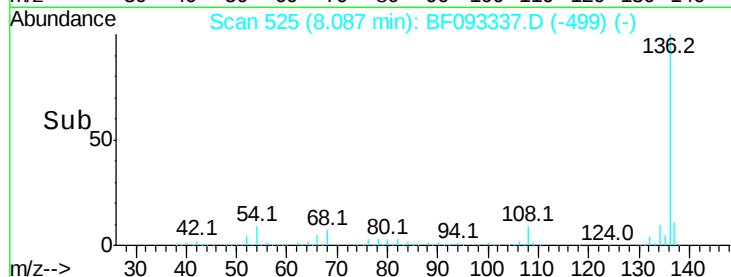
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampleId :
38A-7-9

Tot Ion:136	Resp: 639742
Ion Ratio	Lower Upper
136 100	
137 10.7	8.4 12.6
54 9.3	4.5 6.7#
68 6.5	3.6 5.4#

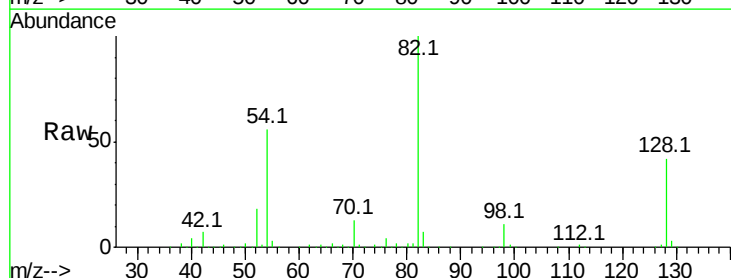


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

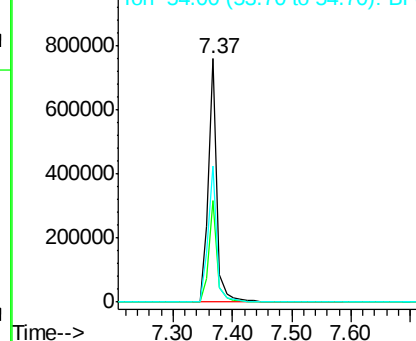
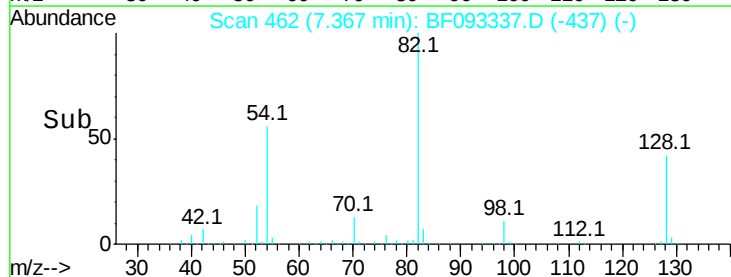


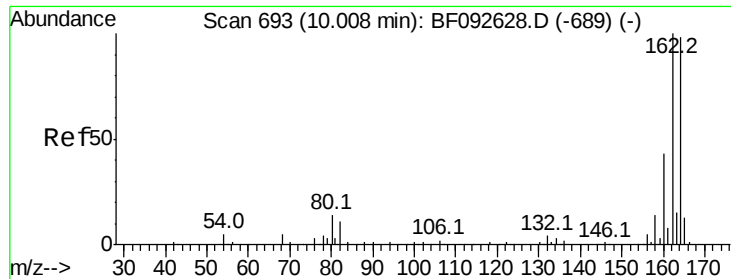
#23
Nitrobenzene-d5
Concen: 69.18 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt	Ion: 82	Resp:	794725
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	56.0	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

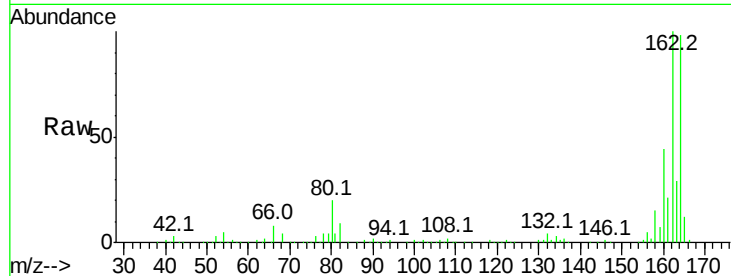




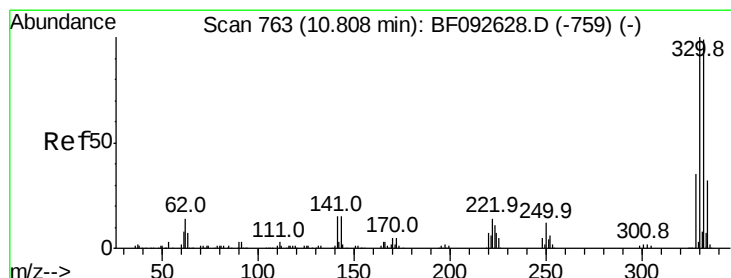
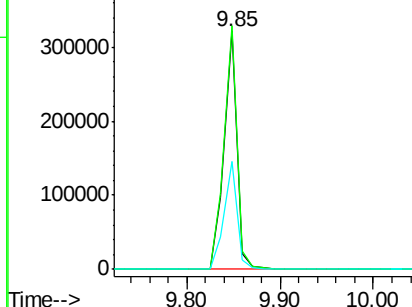
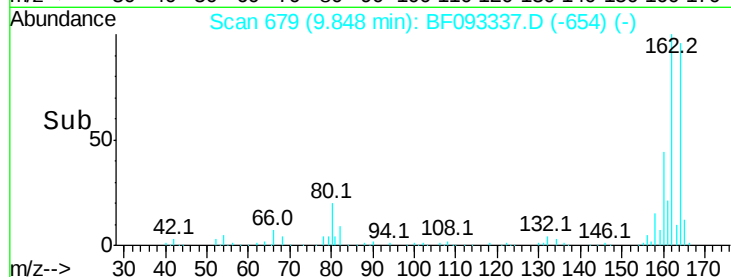
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 38A-7-9

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	45.0	36.9	55.3

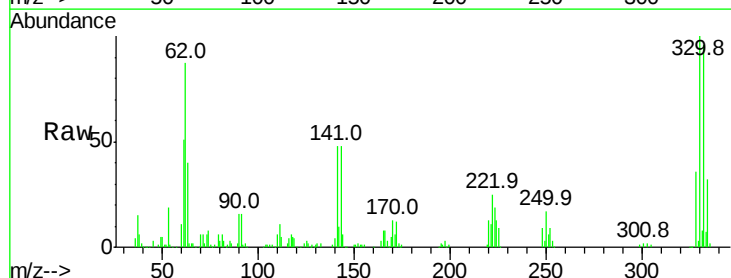


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

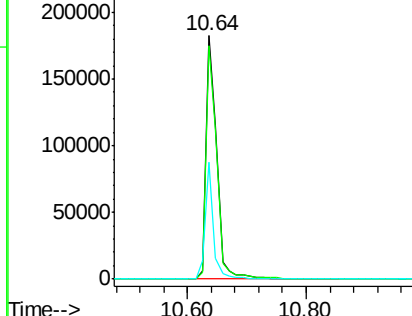
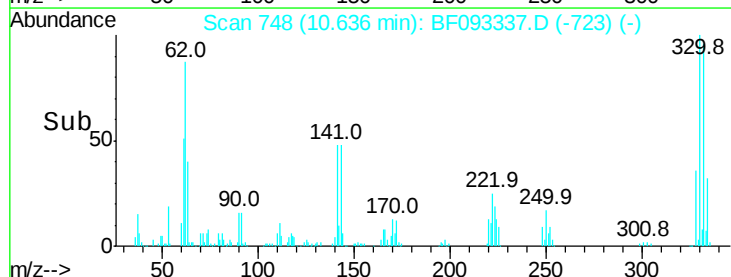


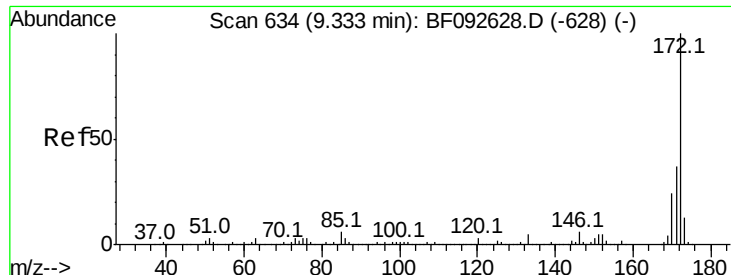
#41
 2,4,6-Tribromophenol
 Concen: 103.50 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.6	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



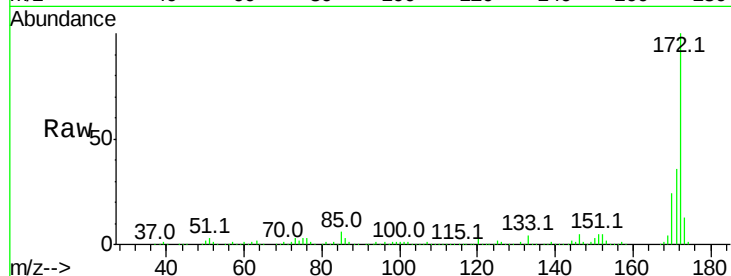


#44
 2-Fluorobiphenyl
 Concen: 74.10 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

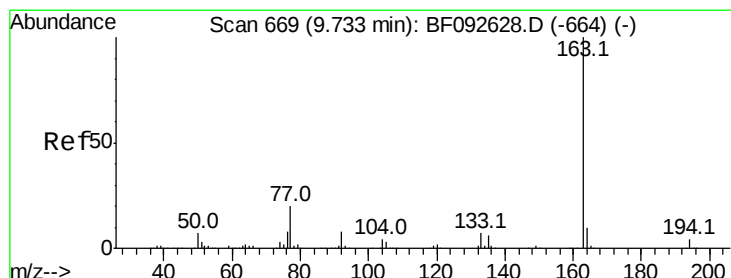
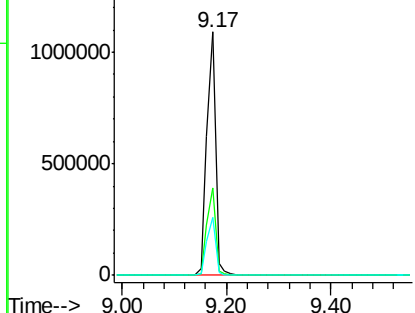
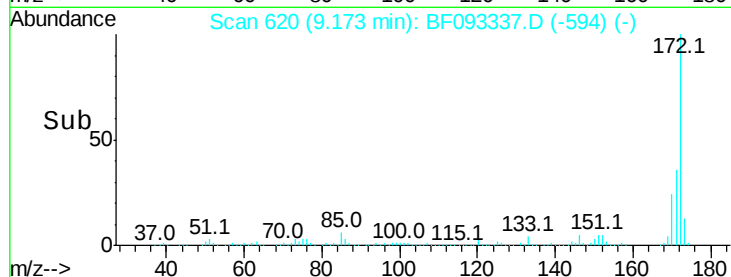
Instrument :
 BNA_F
 ClientSampleID :
 38A-7-9

Tot Ion:172 Resp: 1266102

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	23.8	20.2	30.4



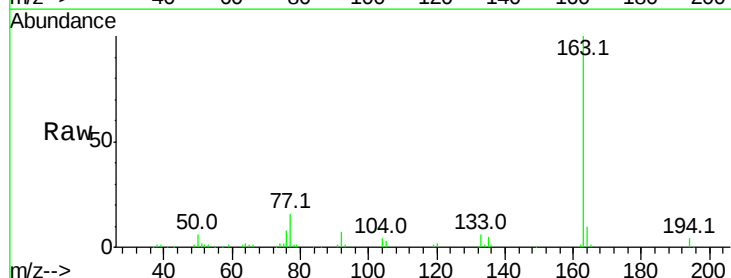
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



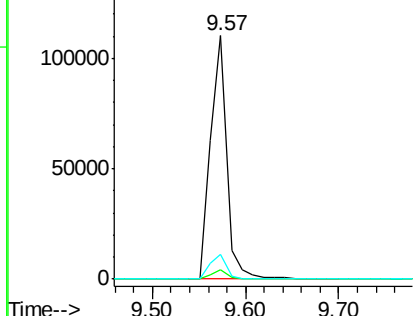
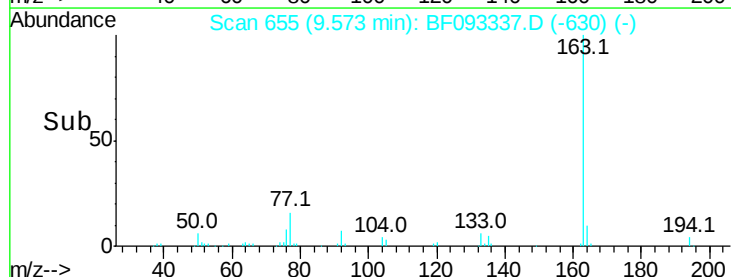
#49
 Dimethylphthalate
 Concen: 6.44 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

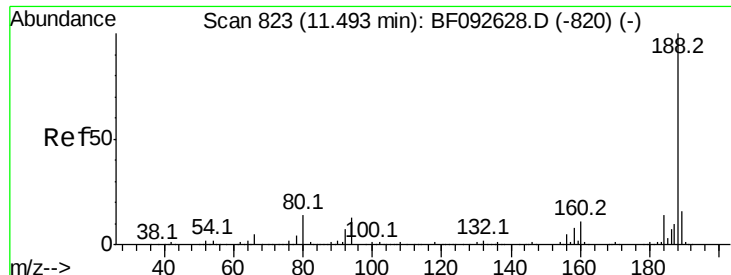
Tgt Ion:163 Resp: 134275

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.3	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

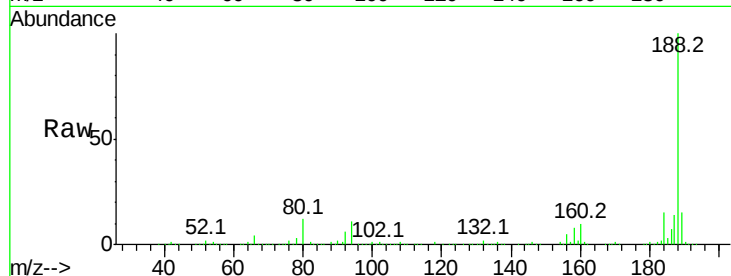




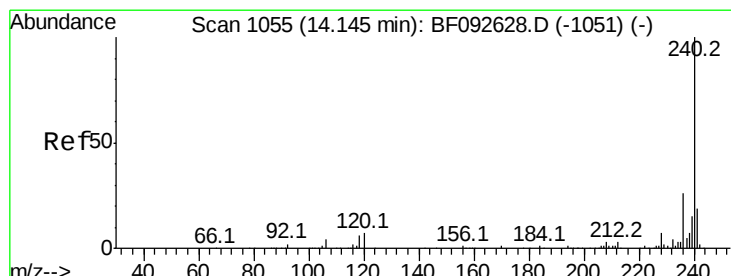
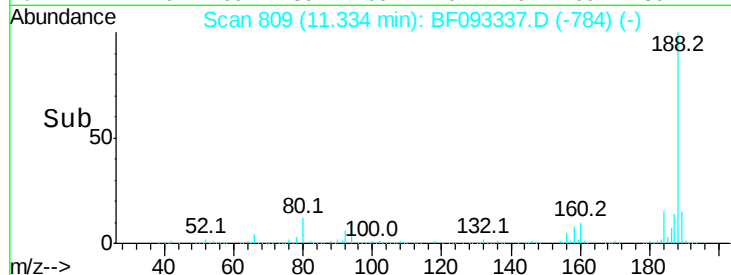
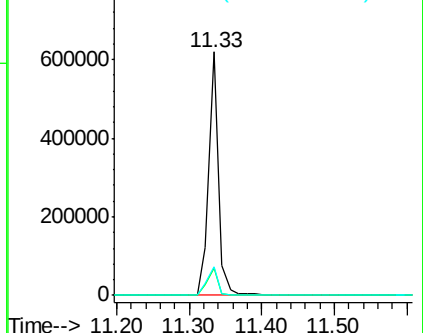
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampleId :
38A-7-9

Tot Ion:188 Resp: 581622
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.5 11.2 16.8

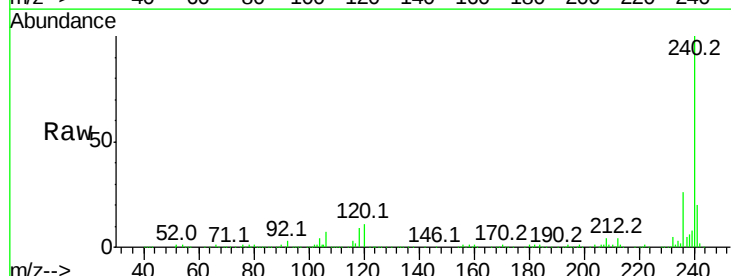


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

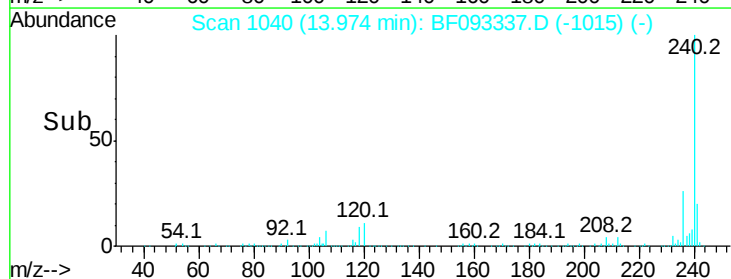
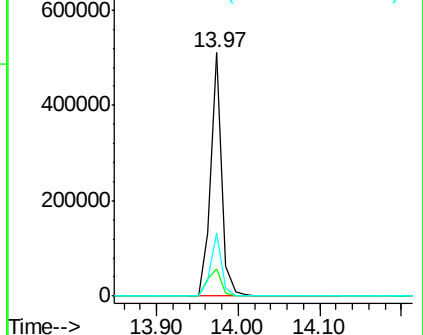


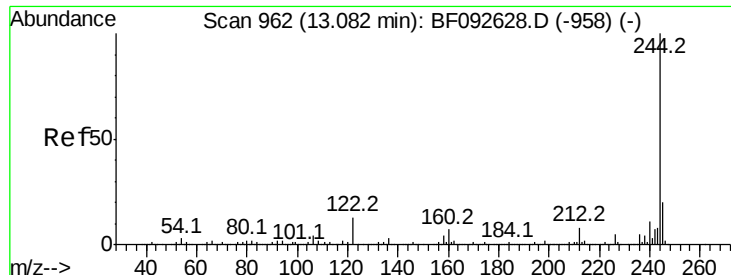
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:240 Resp: 495683
Ion Ratio Lower Upper
240 100
120 11.2 12.9 19.3#
236 25.9 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: 51.36 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

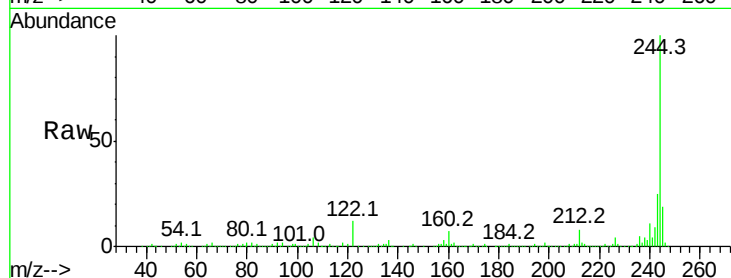
Tot Ion:244 Resp: 1083403

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

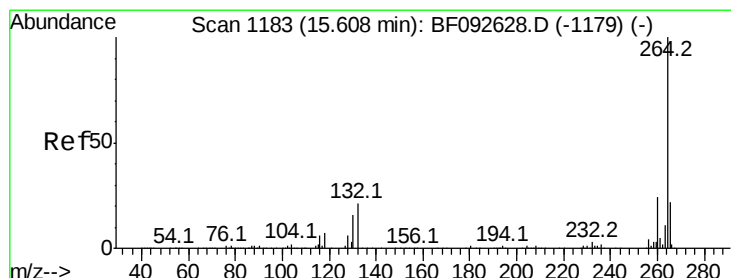
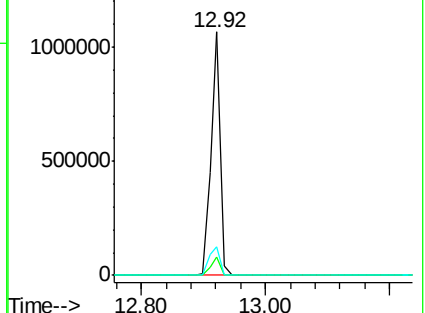
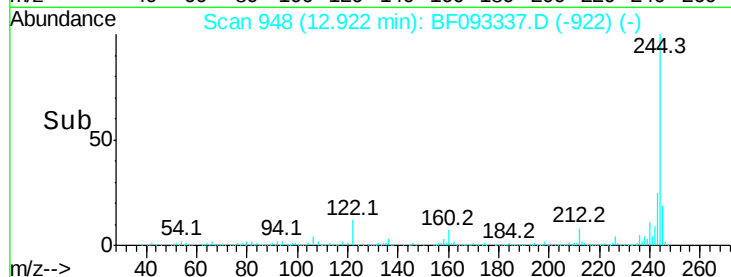
122 11.9 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

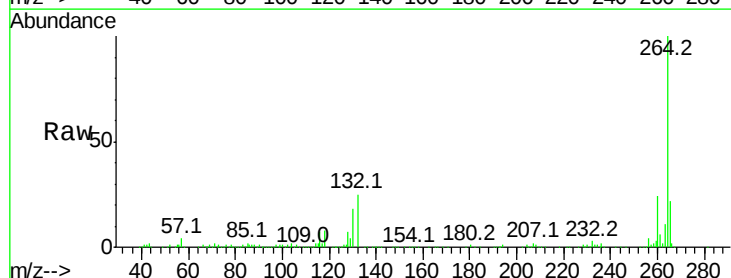
Tgt Ion:264 Resp: 348381

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

