

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093015.D
 Acq On : 17 Feb 2017 17:25
 Operator : SJ/MA
 Sample : I1879-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-4

Quant Time: Feb 17 23:14:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

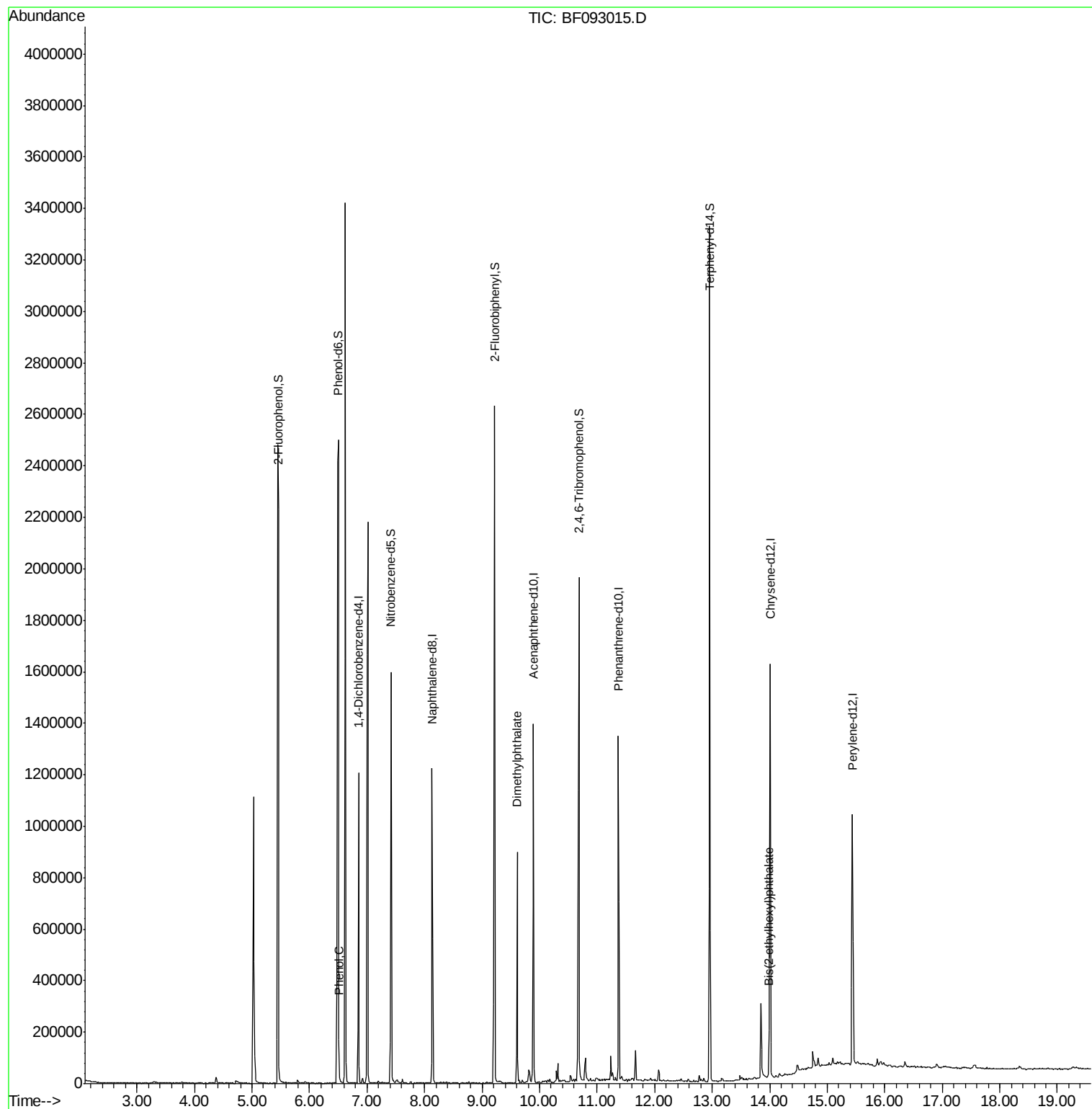
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	172073	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	636452	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	320947	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	576235	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	548274	20.00	ng	-0.01
86) Perylene-d12	15.44	264	441162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	993449	99.05	ng	0.01
7) Phenol-d6	6.50	99	1296623	100.47	ng	0.01
23) Nitrobenzene-d5	7.41	82	770431	67.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	264430	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1284971	72.53	ng	0.00
78) Terphenyl-d14	12.96	244	1035541	44.38	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	69756	4.62	ng	Qvalue # 60
49) Dimethylphthalate	9.61	163	346772	16.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	46639	2.05	ng	98

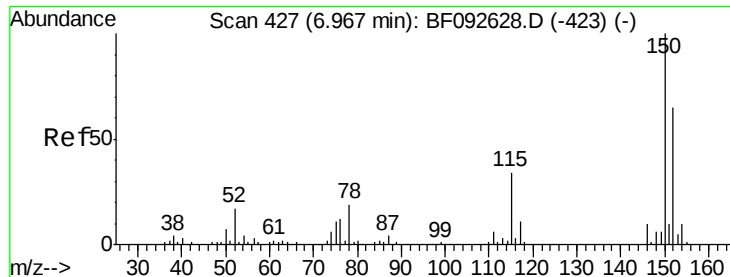
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

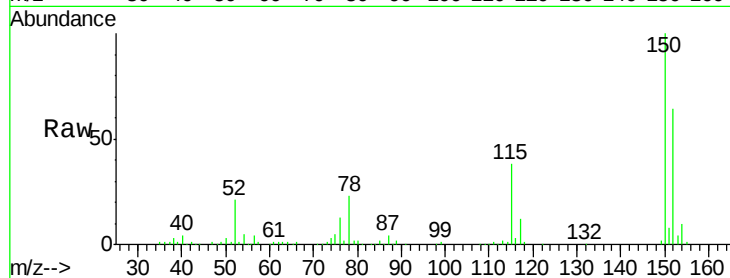
Tgt Ion:152 Resp: 172073

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

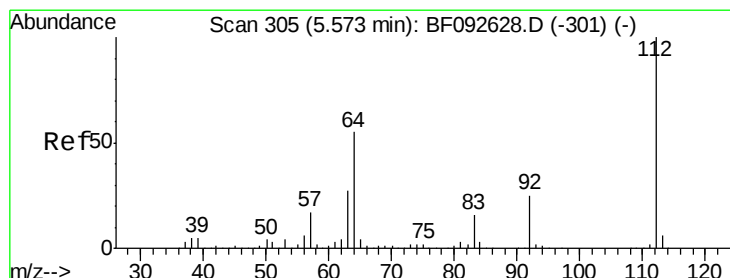
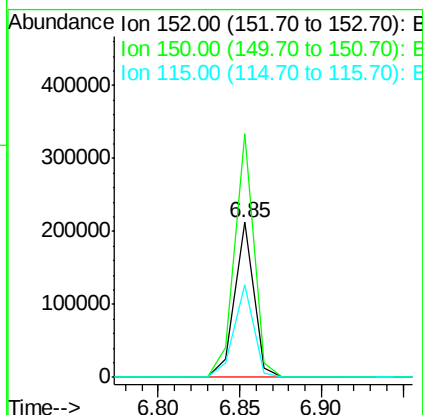
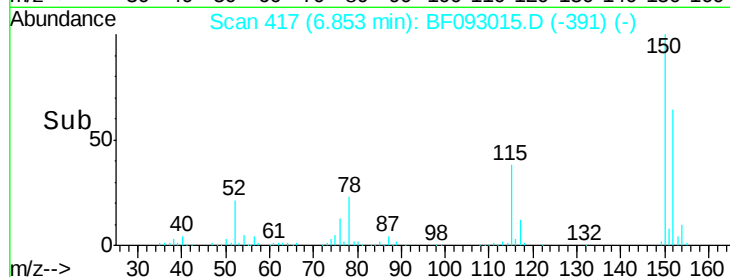
115 59.4 46.0 69.0



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: 99.05 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

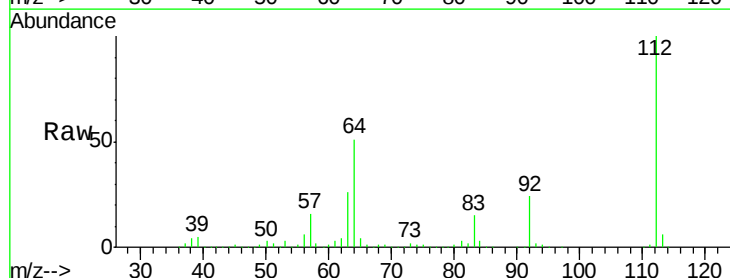
Tgt Ion:112 Resp: 993449

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

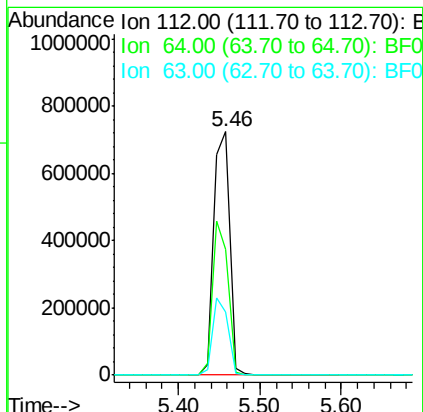
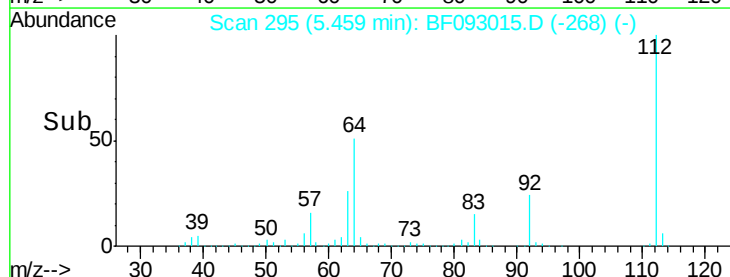
63 25.8 23.8 35.6



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: 100.47 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

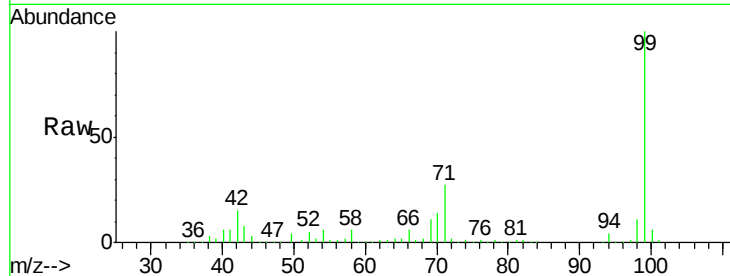
Tgt Ion: 99 Resp: 1296623

Ion Ratio Lower Upper

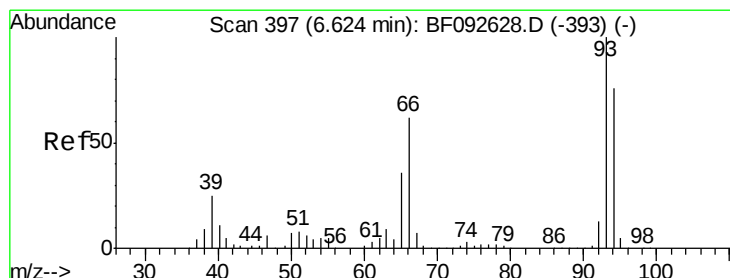
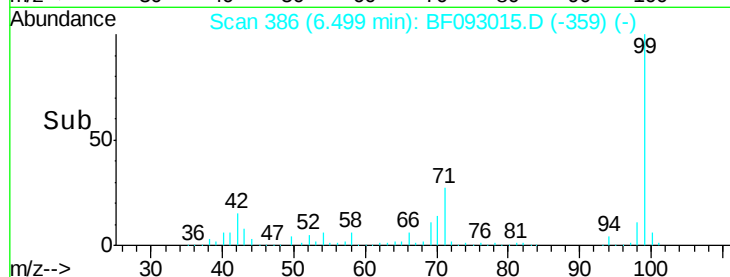
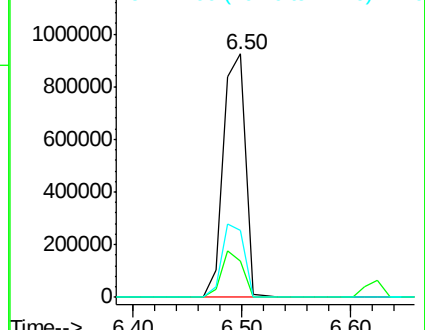
99 100

42 14.8 15.6 23.4#

71 27.3 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: 4.62 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

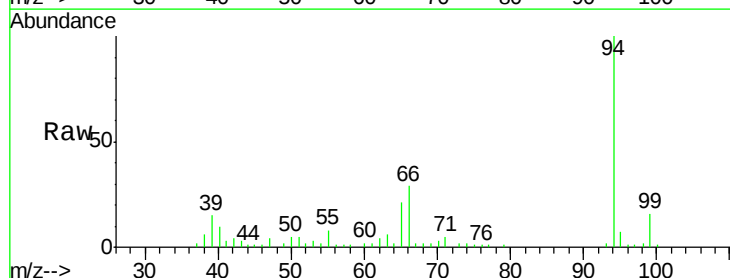
Tgt Ion: 94 Resp: 69756

Ion Ratio Lower Upper

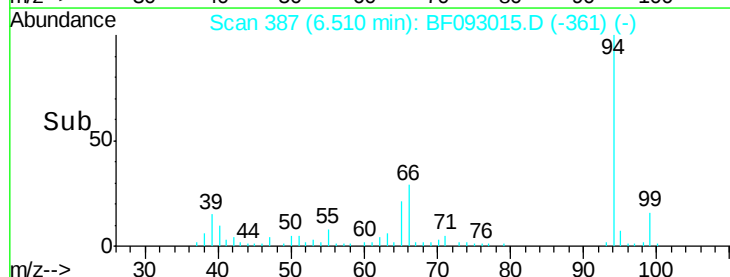
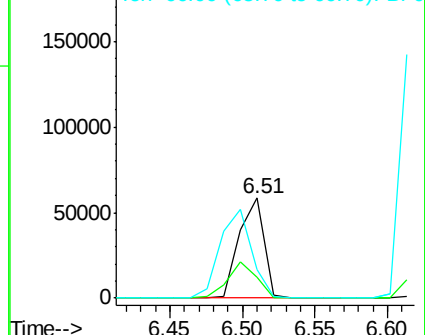
94 100

65 21.0 21.4 61.4#

66 29.1 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

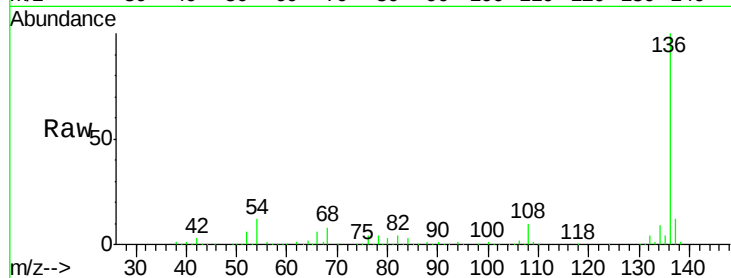




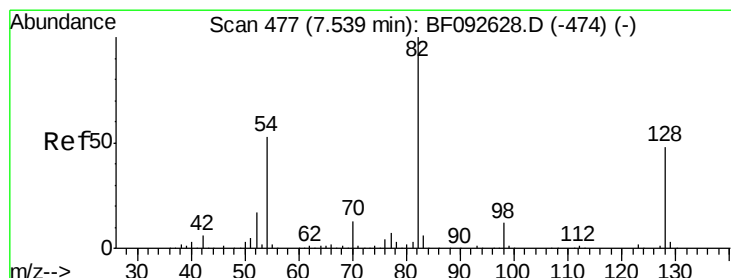
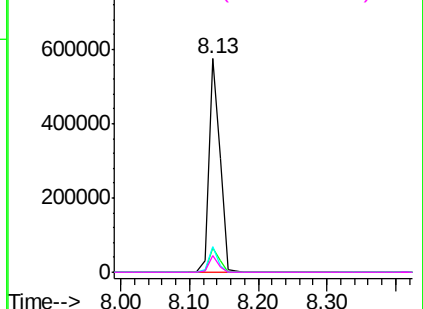
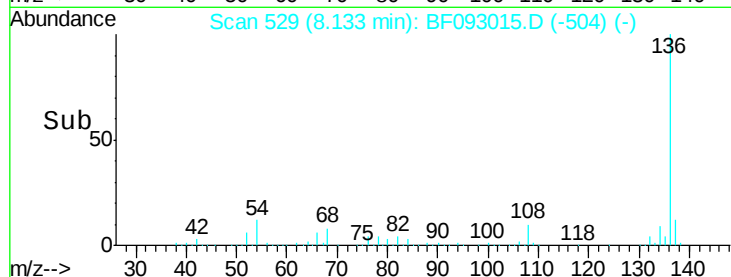
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Instrument :
BNA_F
ClientSampleId :
M-4

Tgt Ion:	136	Resp:	636452
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.8	4.5	6.7#
68	7.7	3.6	5.4#

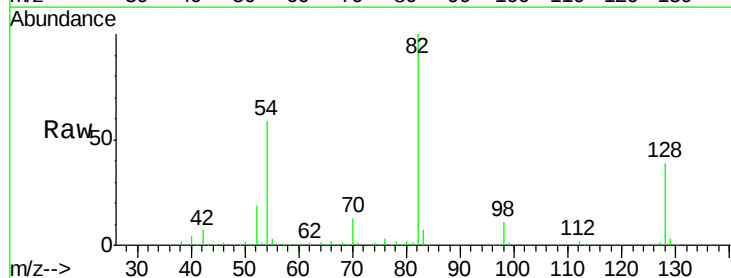


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

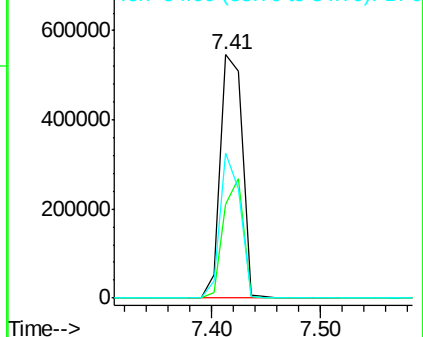
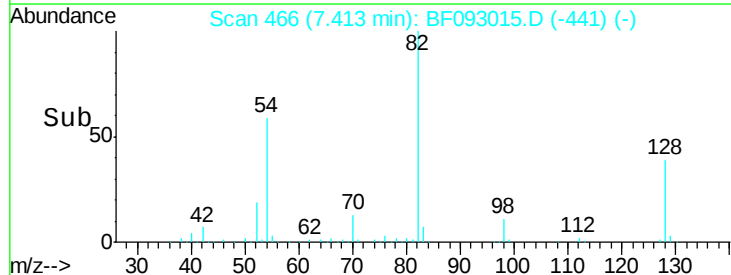


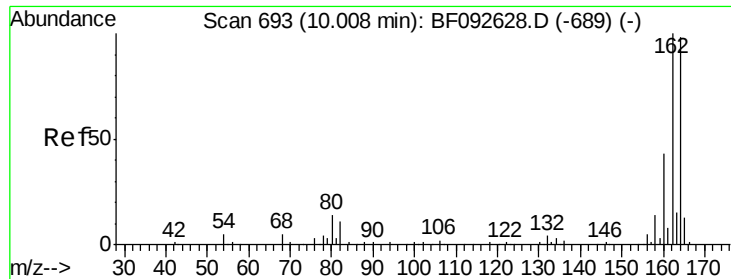
#23
Nitrobenzene-d5
Concen: 67.41 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Tgt Ion:	82	Resp:	770431
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.6	52.0
54	59.4	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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

M-4

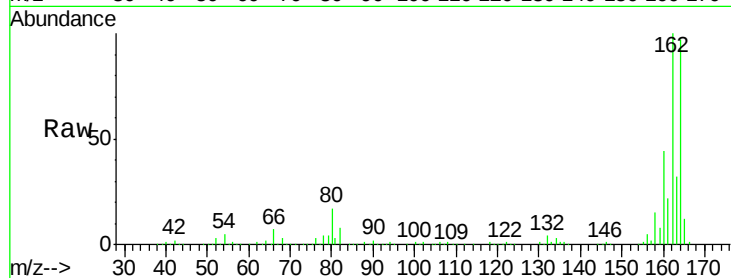
Tgt Ion:164 Resp: 320947

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

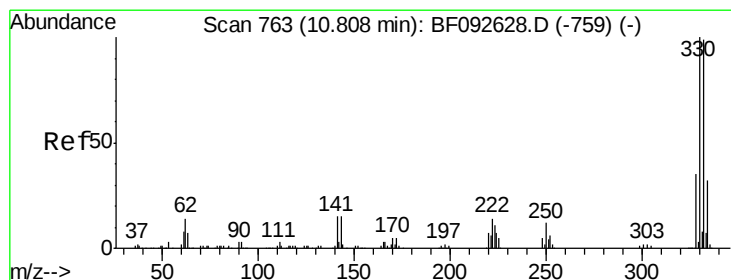
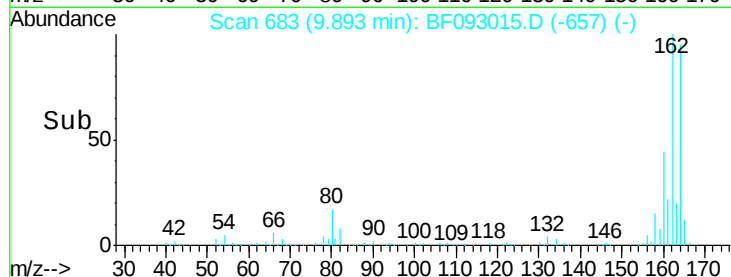
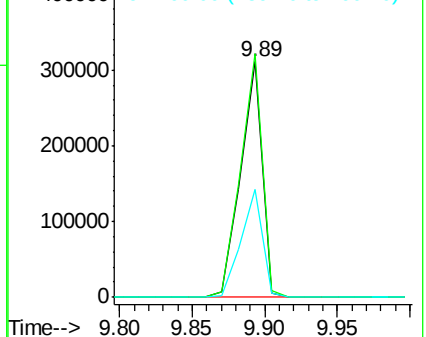
160 45.7 36.9 55.3



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: 113.92 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

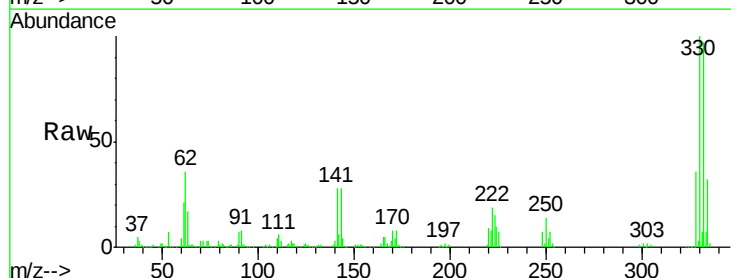
Tgt Ion:330 Resp: 264430

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

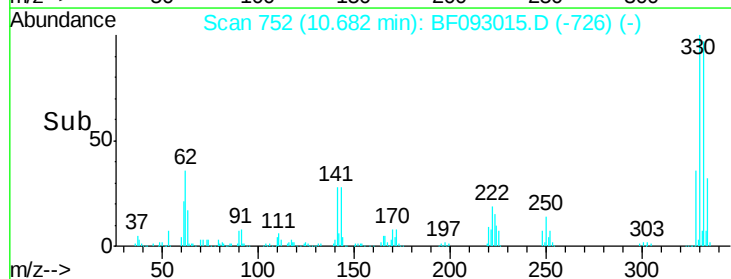
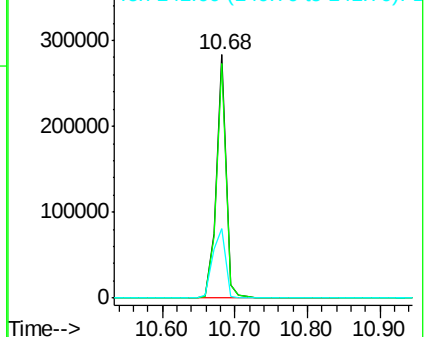
141 37.9 34.1 51.1

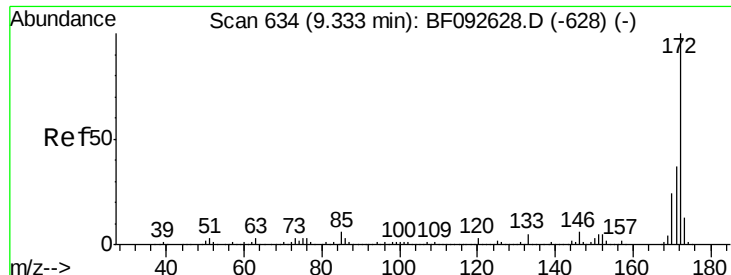


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

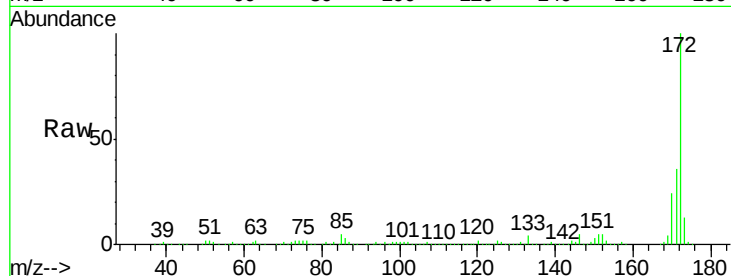




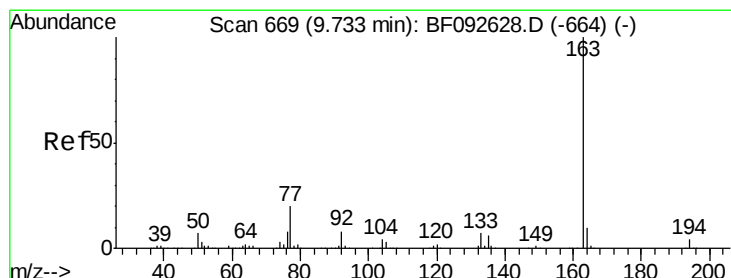
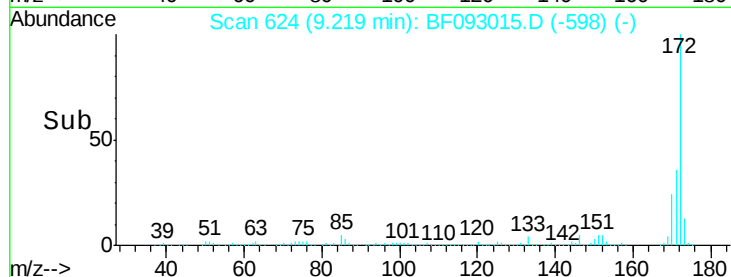
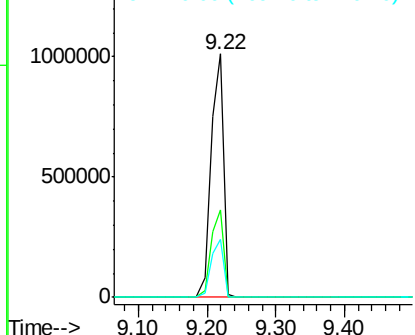
#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 1284971
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 20.2 30.4

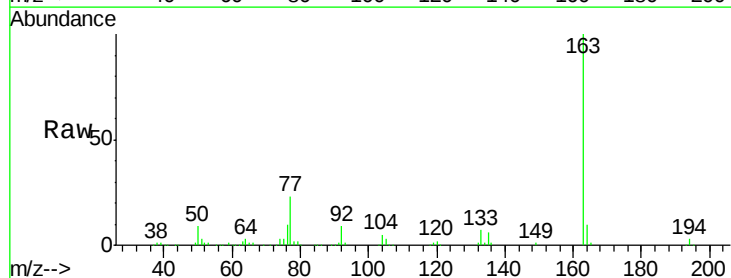


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

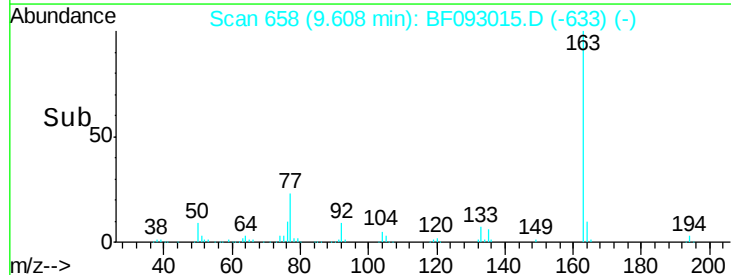
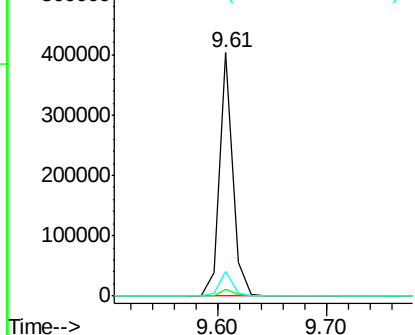


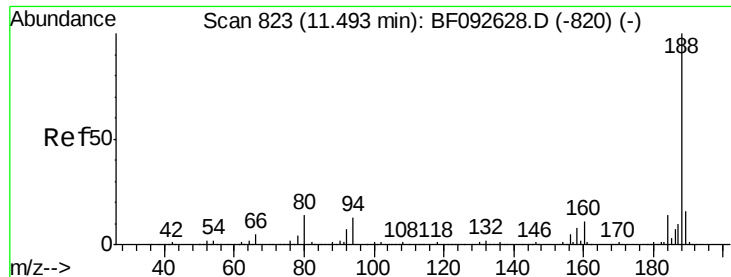
#49
 Dimethylphthalate
 Concen: 16.04 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093015.D
 Acq: 17 Feb 2017 17:25

Tgt Ion:163 Resp: 346772
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.1 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

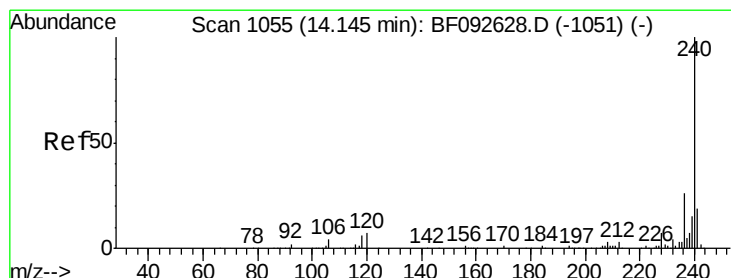
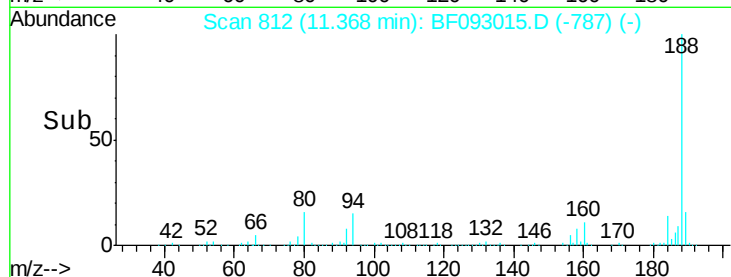
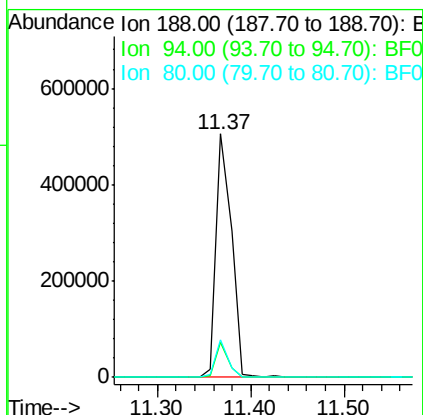
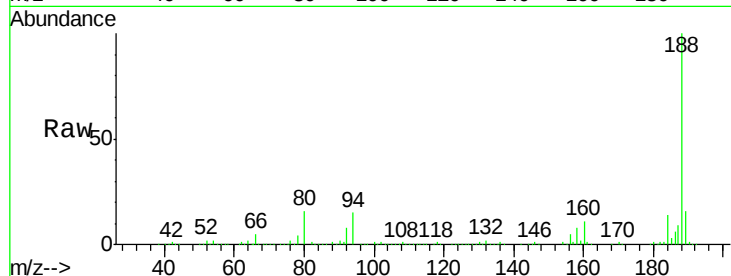




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

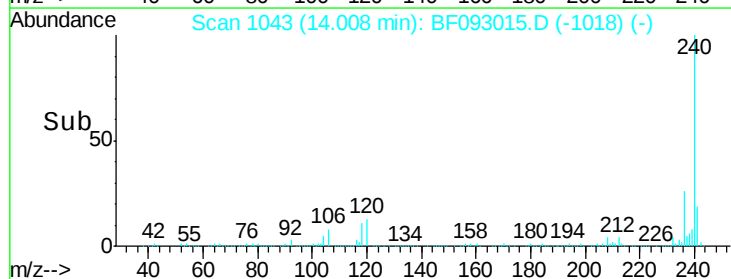
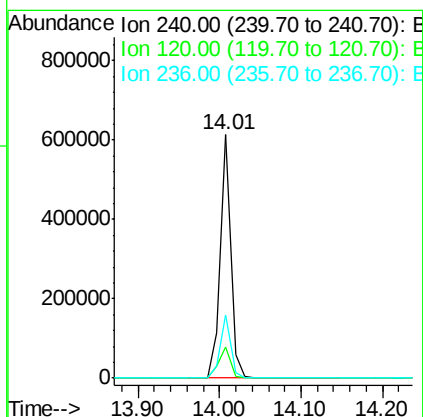
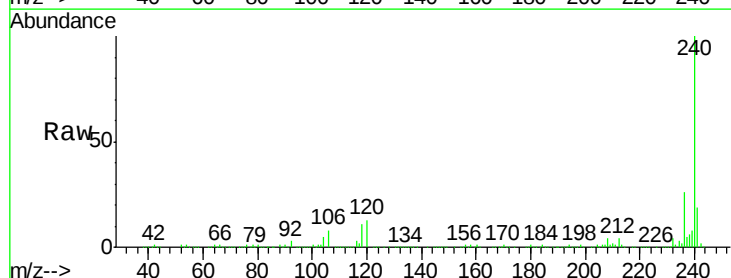
Instrument :
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ClientSampleId :
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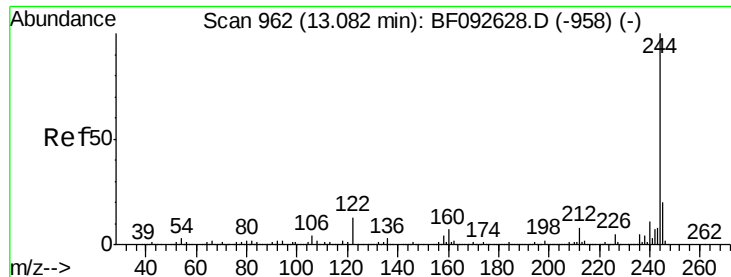
Tgt Ion:188 Resp: 576235
Ion Ratio Lower Upper
188 100
94 14.5 10.0 15.0
80 15.5 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Tgt Ion:240 Resp: 548274
Ion Ratio Lower Upper
240 100
120 12.6 12.9 19.3#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 44.38 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

Instrument :

BNA_F

ClientSampleId :

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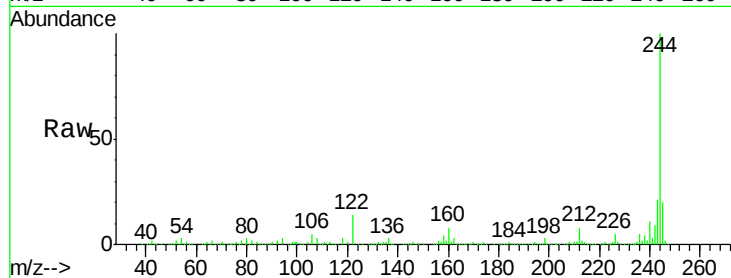
Tgt Ion:244 Resp: 1035541

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

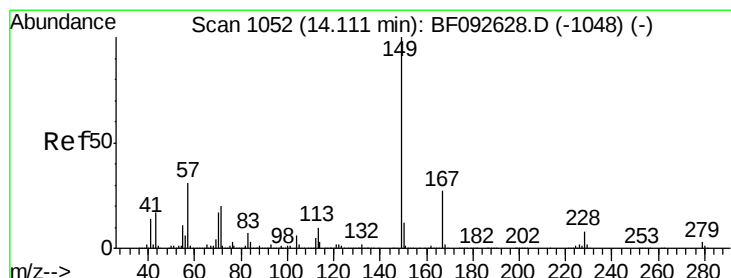
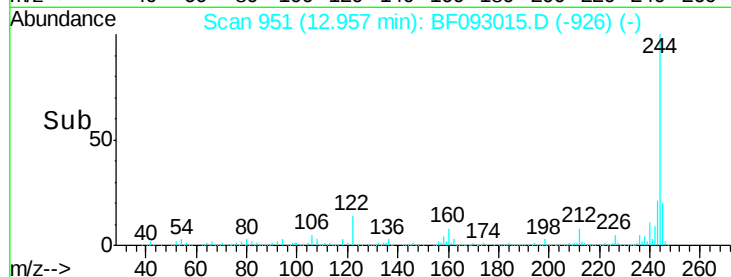
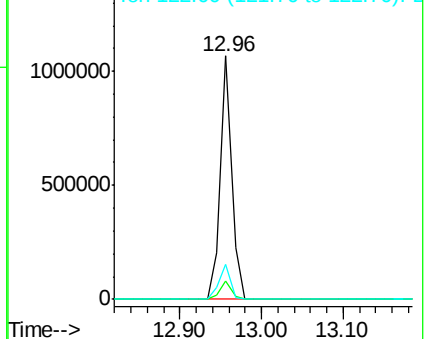
122 14.3 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF093015.D

Acq: 17 Feb 2017 17:25

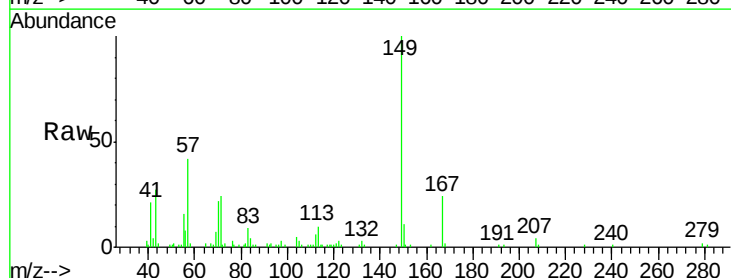
Tgt Ion:149 Resp: 46639

Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.4

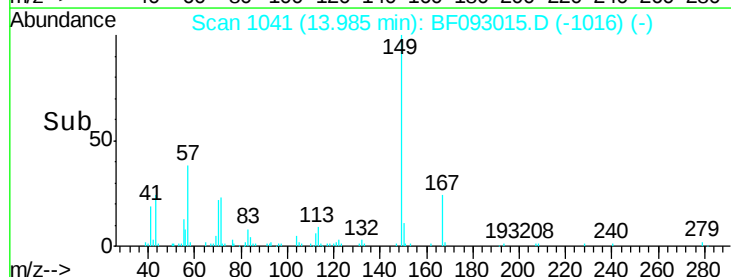
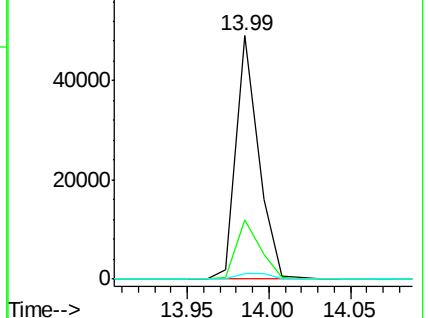
279 2.1 1.8 2.8

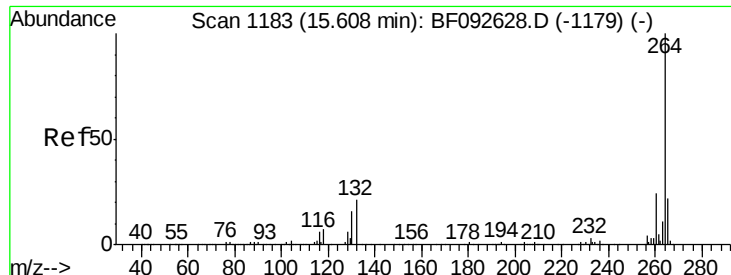


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

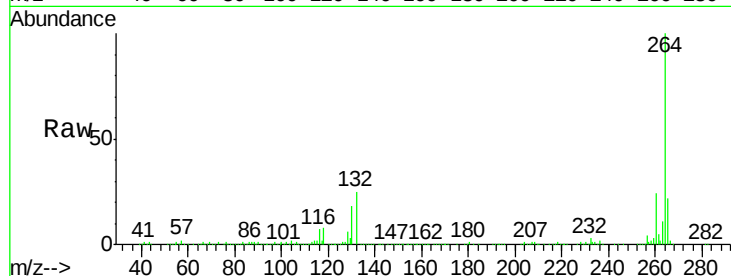




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093015.D
Acq: 17 Feb 2017 17:25

Instrument :
BNA_F
ClientSampleId :
M-4

Tgt Ion: 264 Resp: 441162
Ion Ratio Lower Upper
264 100
260 24.4 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

