

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094909.D
 Acq On : 1 Dec 2017 17:38
 Operator : SJ/JU
 Sample : PB104512BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104512BL

Quant Time: Dec 02 00:52:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7898	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15321	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7506	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	17643	0.40	ng	0.00
27) Chrysene-d12	21.87	240	18973	0.40	ng	-0.01
34) Perylene-d12	24.56	264	17147	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	4126	0.33	ng	0.00
5) Phenol-d6	7.59	99	5914	0.32	ng	0.00
8) Nitrobenzene-d5	9.66	82	4172	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	8651	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	430	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	12781	0.40	ng	0.00
25) Fluoranthene-d10	19.75	212	83539	0.35	ng	0.00
29) Terphenyl-d14	20.31	244	15645	0.45	ng	-0.01

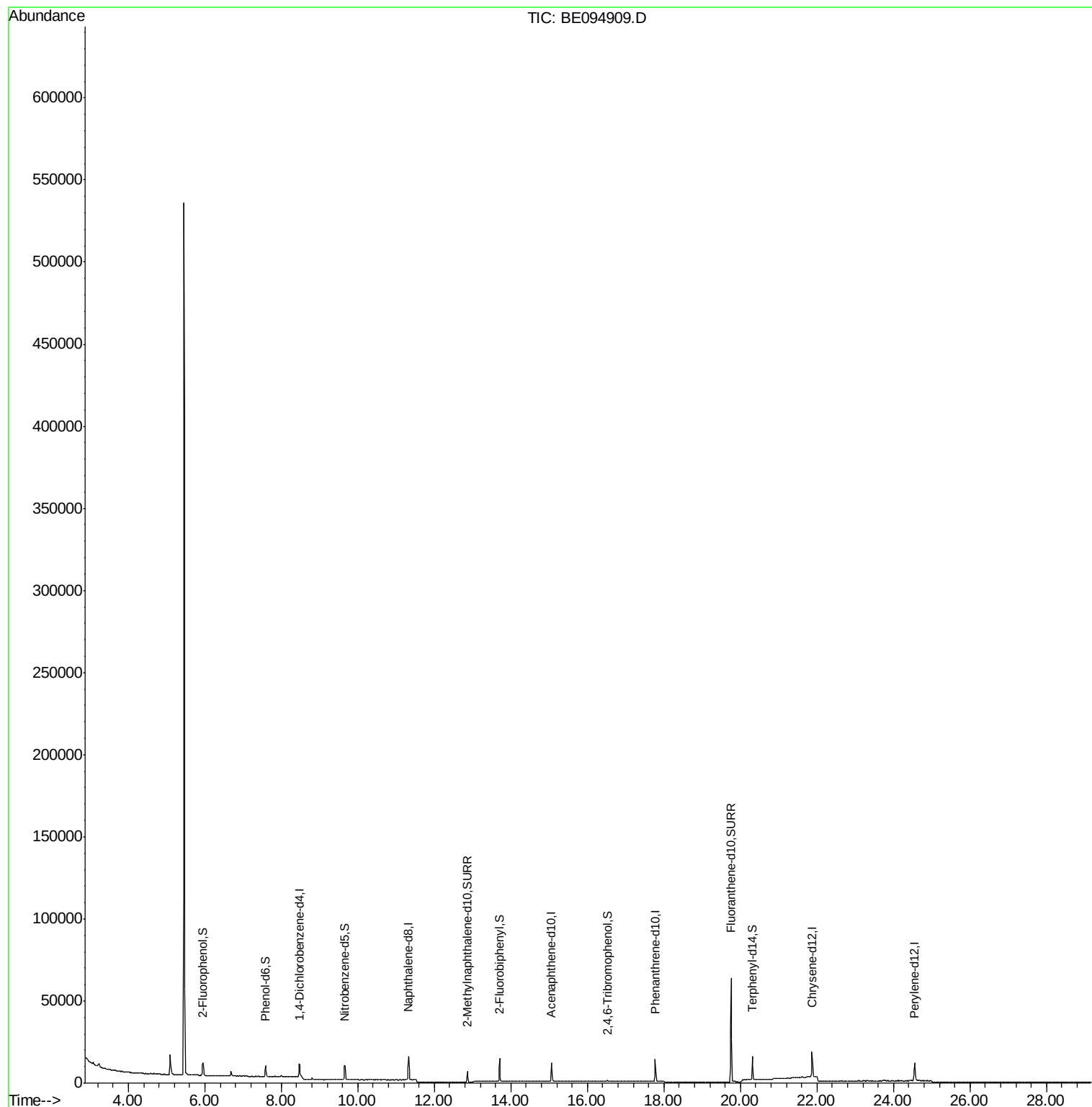
Target Compounds	Qvalue
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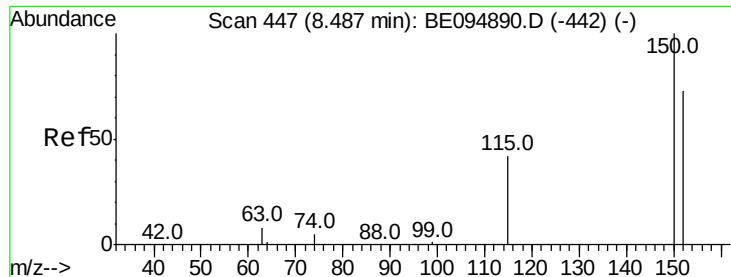
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 01 13:33:28 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB104512BL

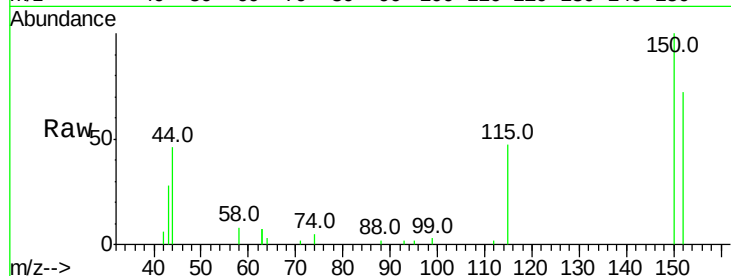
Tot Ion:152 Resp: 7898

Ion Ratio Lower Upper

152 100

150 138.3 117.2 175.8

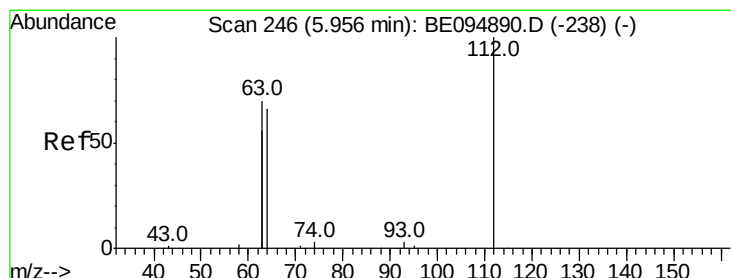
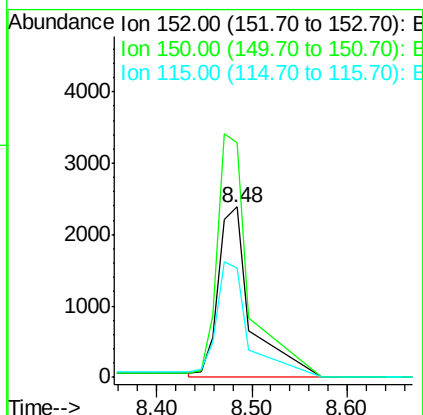
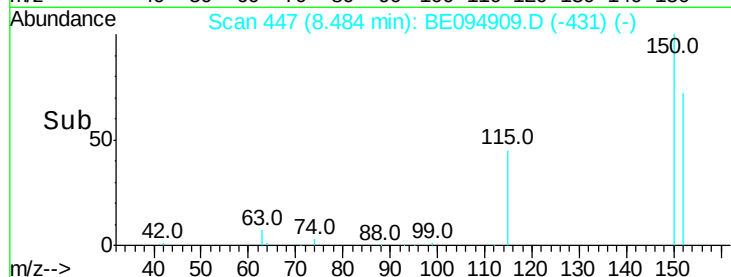
115 64.4 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.330 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

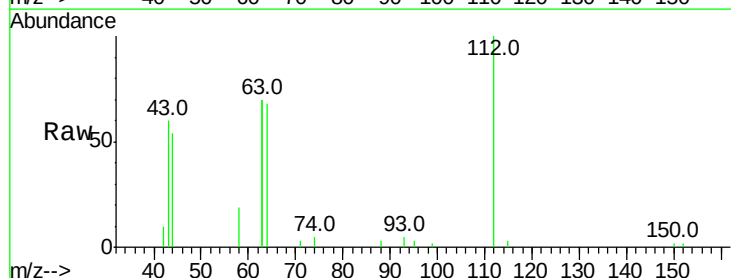
Tgt Ion:112 Resp: 4126

Ion Ratio Lower Upper

112 100

64 76.1 60.1 90.1

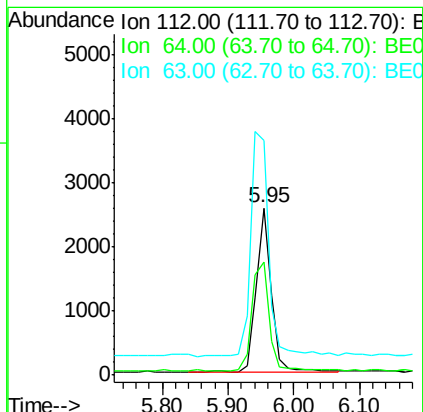
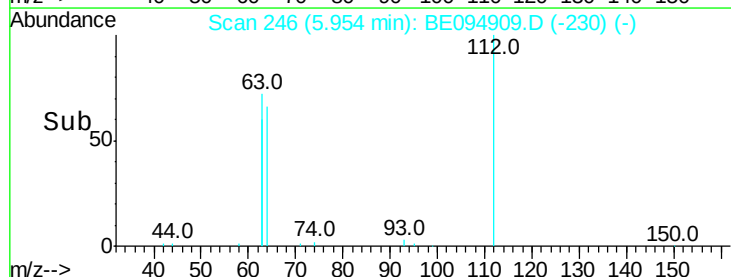
63 159.6 116.8 175.2

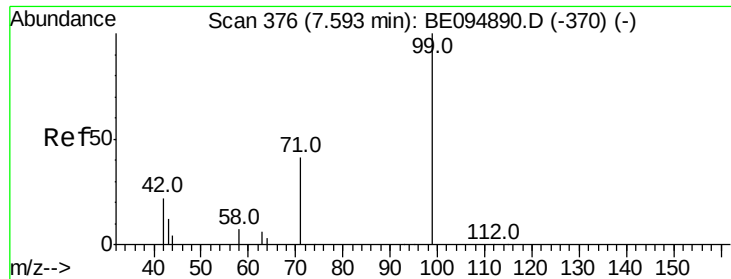


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.319 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB104512BL

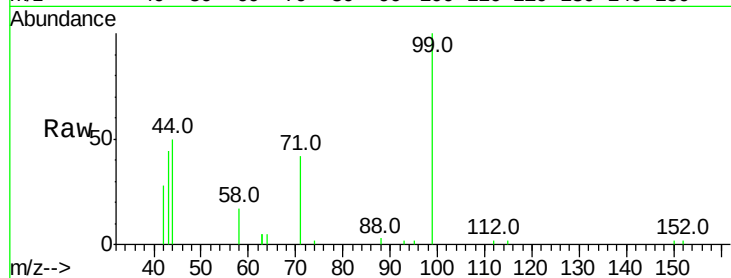
Tot Ion: 99 Resp: 5914

Ion Ratio Lower Upper

99 100

42 25.9 20.2 30.2

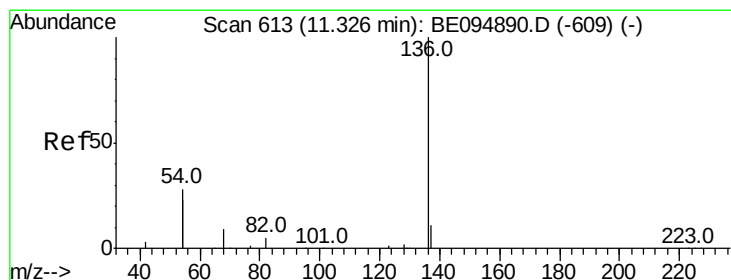
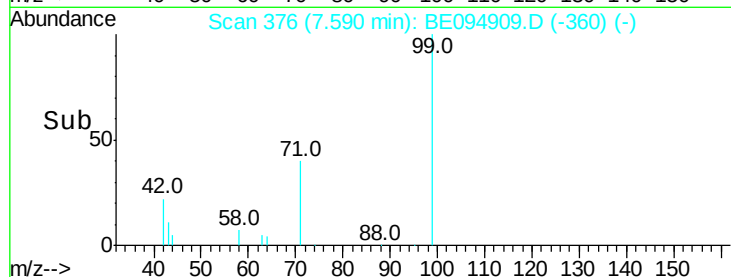
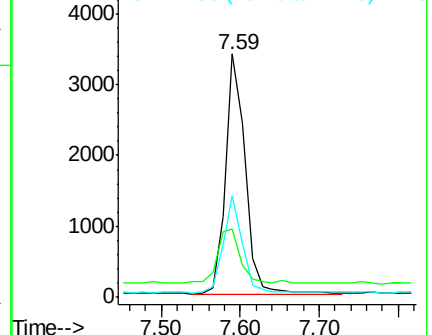
71 38.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

Tgt Ion: 136 Resp: 15321

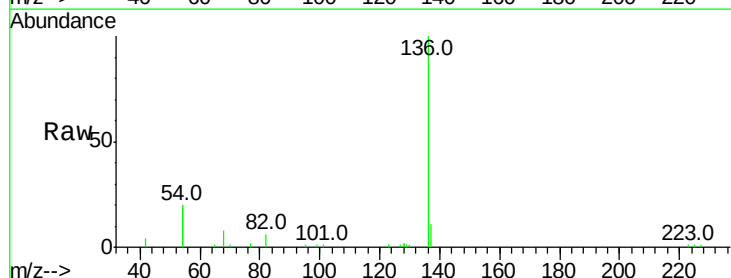
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 39.1 29.1 43.7

68 8.2 6.2 9.2

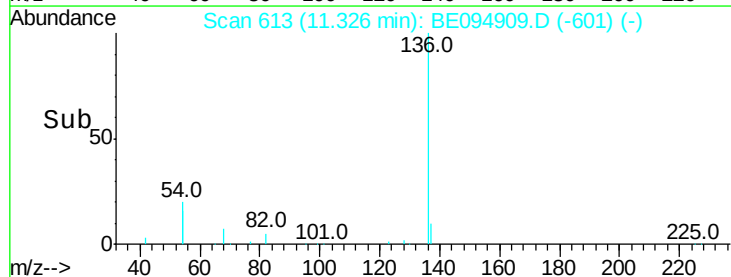
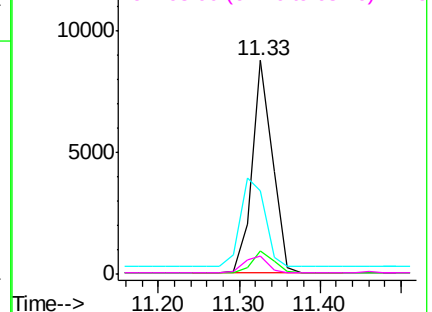


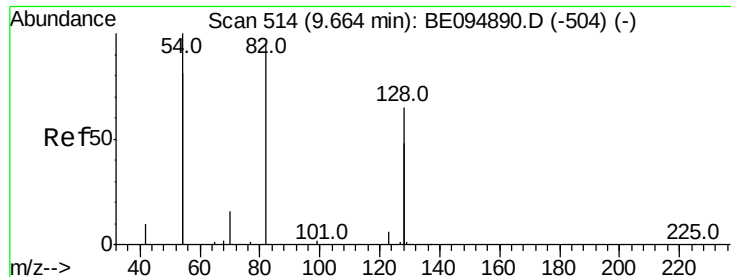
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

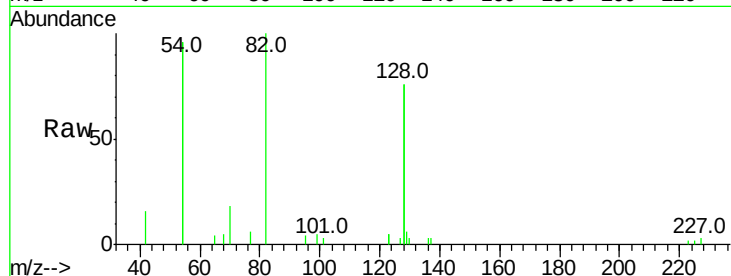




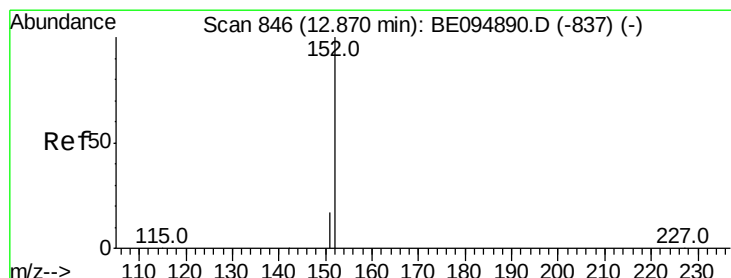
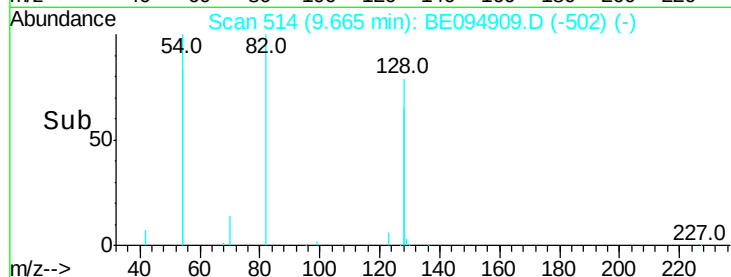
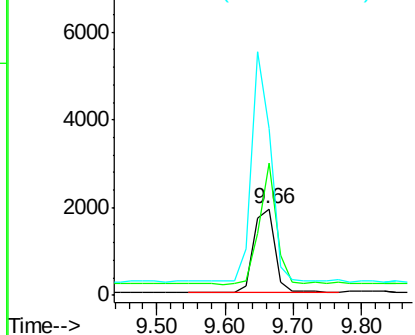
#8
 Nitrobenzene-d5
 Concen: 0.460 ng
 RT: 9.66 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BE094909.D
 Acq: 1 Dec 2017 17:38

Instrument :
 BNA_E
 ClientSampleId :
 PB104512BL

Tot Ion: 82 Resp: 4172
 Ion Ratio Lower Upper
 82 100
 128 152.4 150.0 225.0
 54 192.3 154.2 231.4

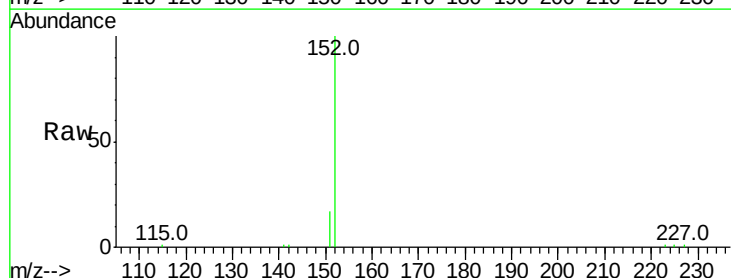


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

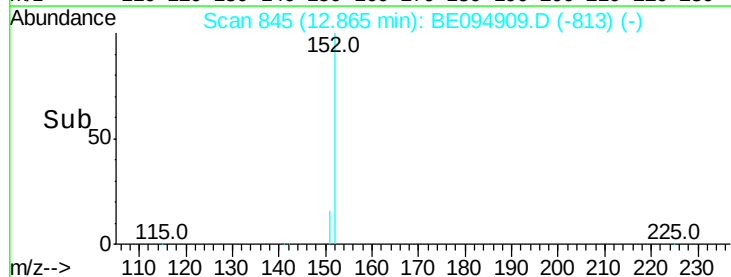
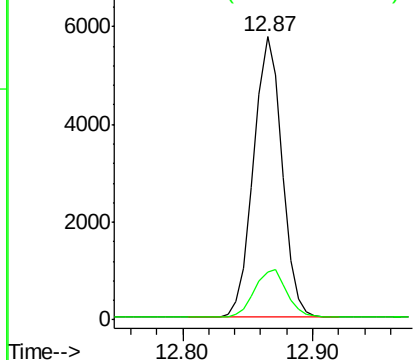


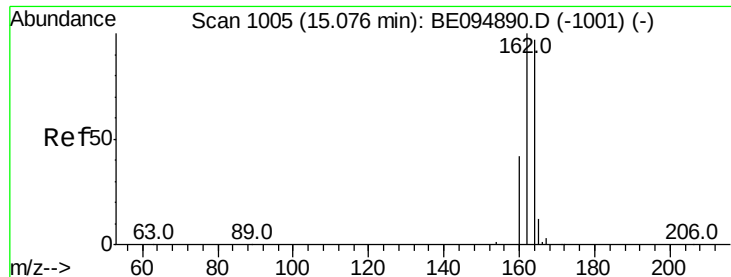
#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.87 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE094909.D
 Acq: 1 Dec 2017 17:38

Tgt Ion: 152 Resp: 8651
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB104512BL

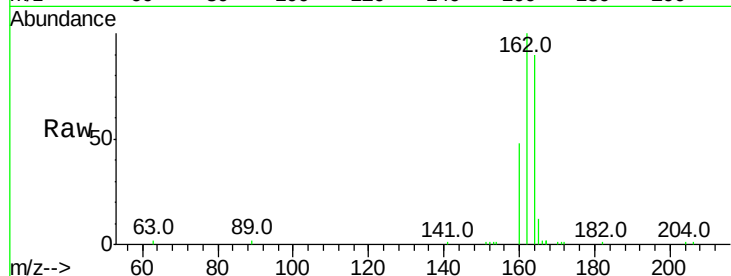
Tot Ion:164 Resp: 7506

Ion Ratio Lower Upper

164 100

162 111.5 83.1 124.7

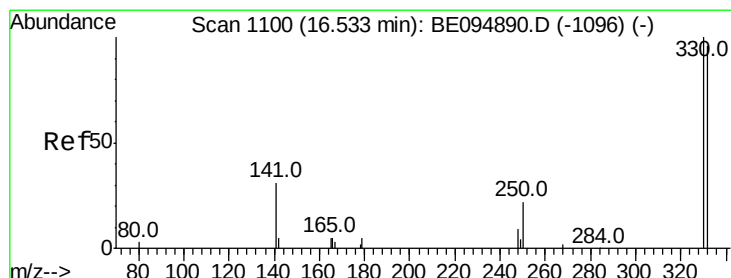
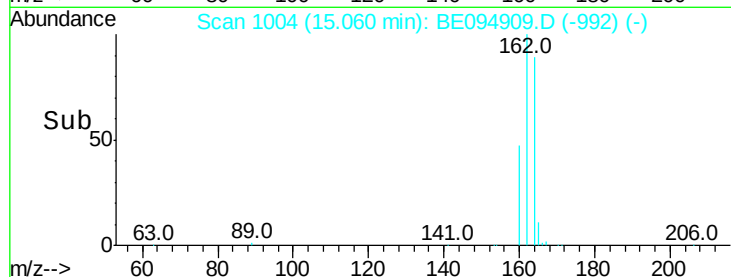
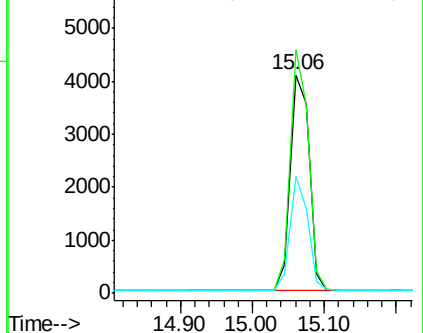
160 53.3 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.319 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

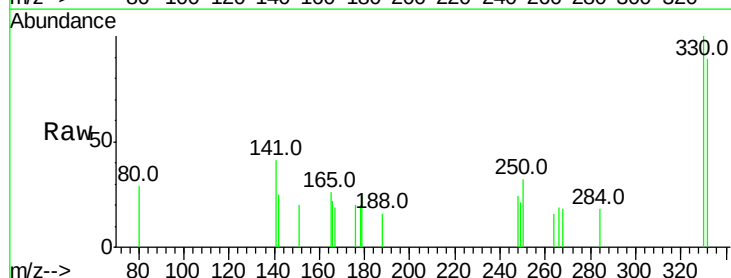
Tgt Ion:330 Resp: 430

Ion Ratio Lower Upper

330 100

332 88.4 152.7 229.1#

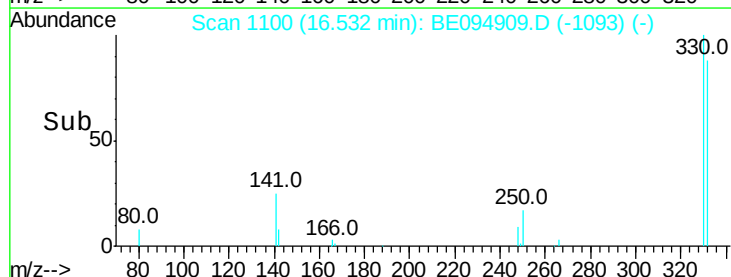
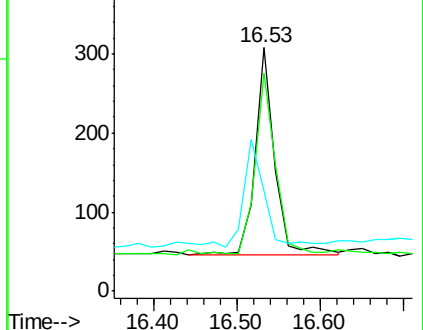
141 48.4 33.7 50.5

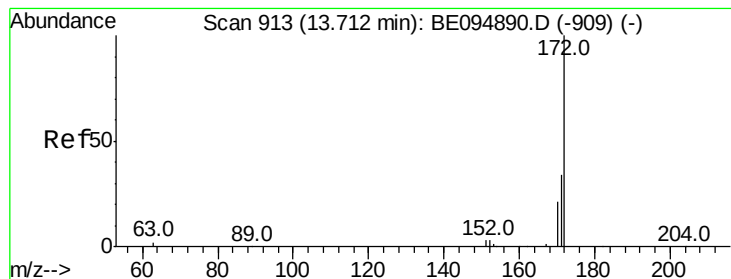


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

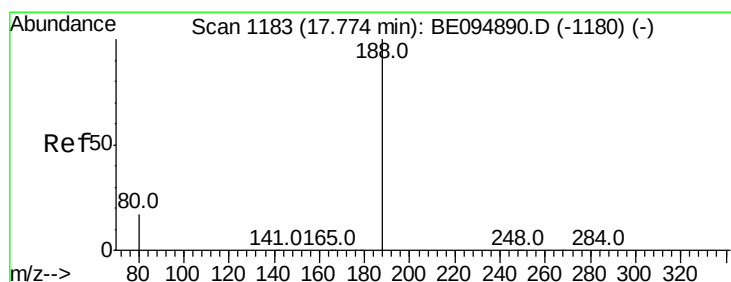
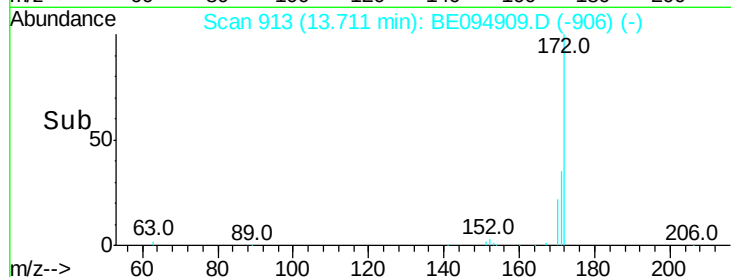
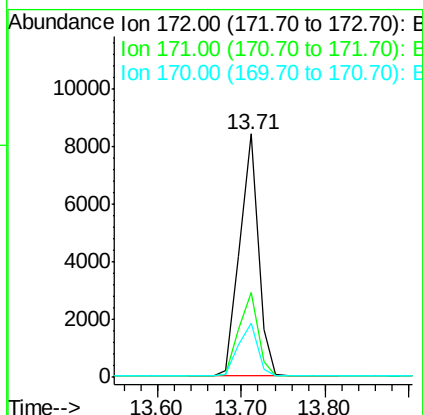
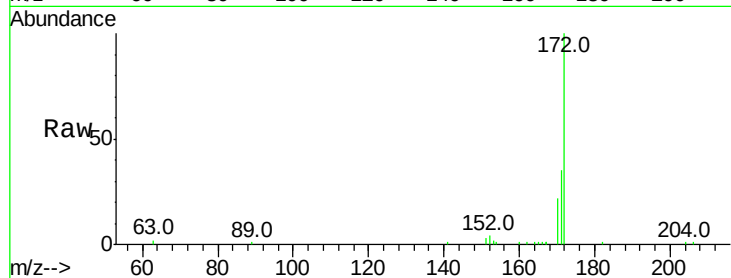




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094909.D
Acq: 1 Dec 2017 17:38

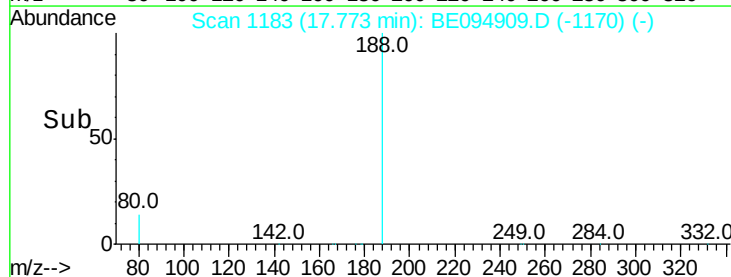
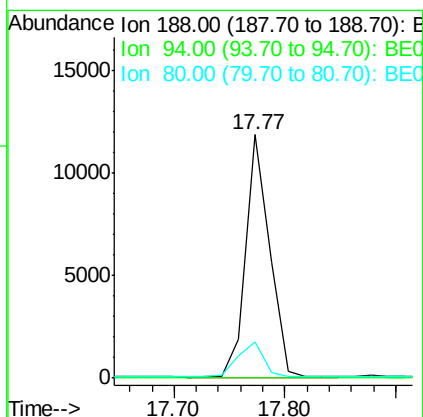
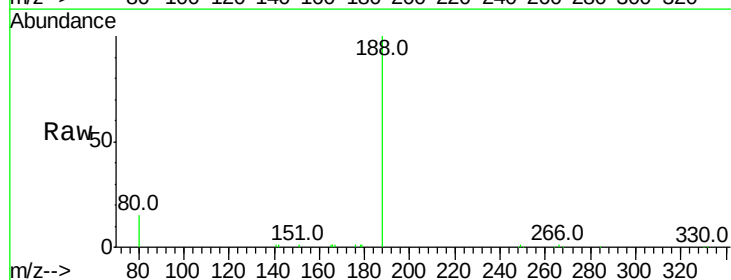
Instrument :
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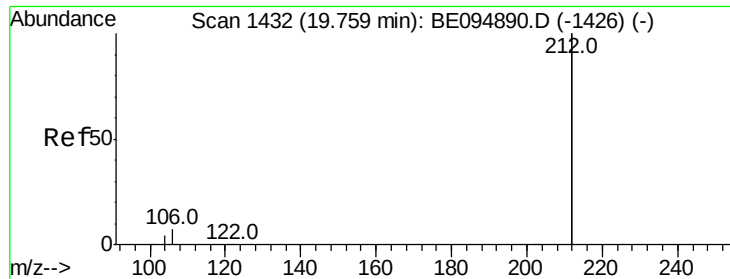
Tot Ion:172 Resp: 12781
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 22.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094909.D
Acq: 1 Dec 2017 17:38

Tgt Ion:188 Resp: 17643
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.8 3.6 5.4#

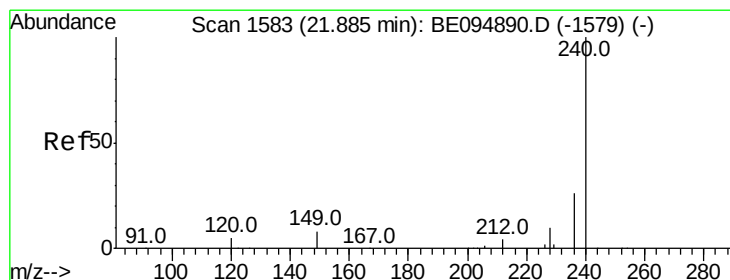
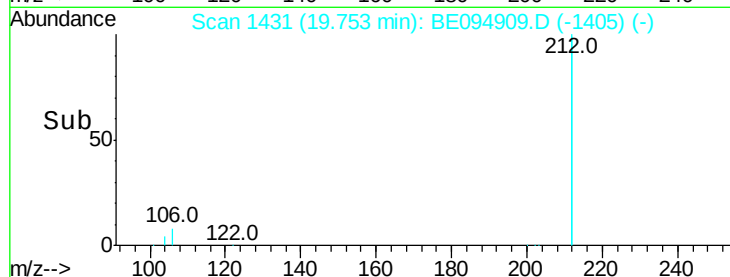
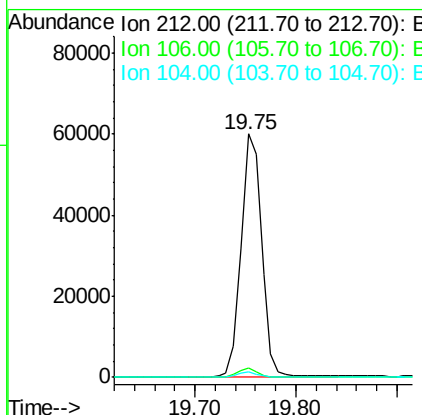
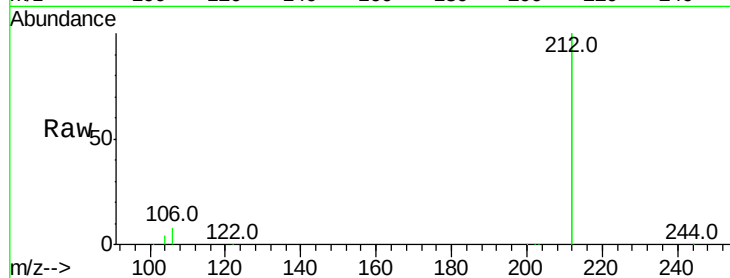




#25
 Fluoranthene-d10
 Concen: 0.346 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE094909.D
 Acq: 1 Dec 2017 17:38

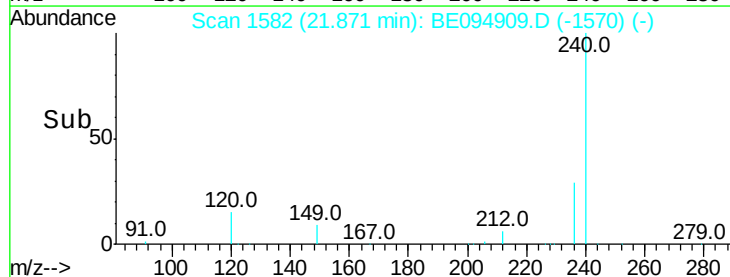
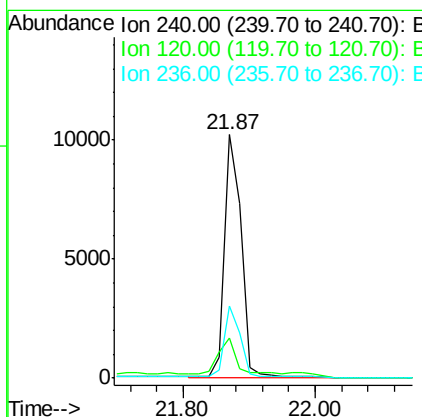
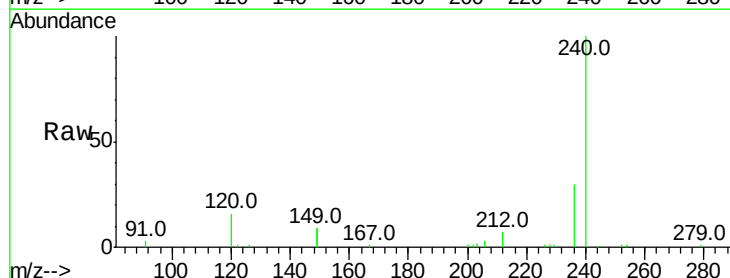
Instrument :
 BNA_E
 ClientSampleId :
 PB104512BL

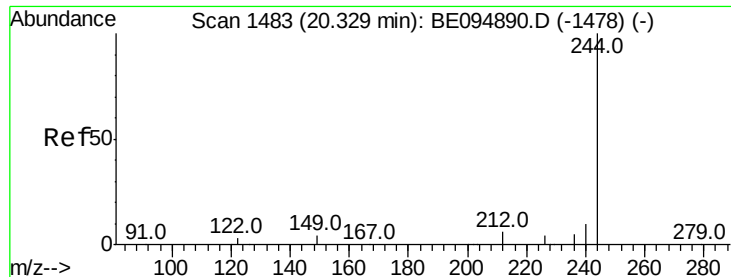
Tot Ion:212 Resp: 83539
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.87 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BE094909.D
 Acq: 1 Dec 2017 17:38

Tgt Ion:240 Resp: 18973
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.5 8.3#
 236 29.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB104512BL

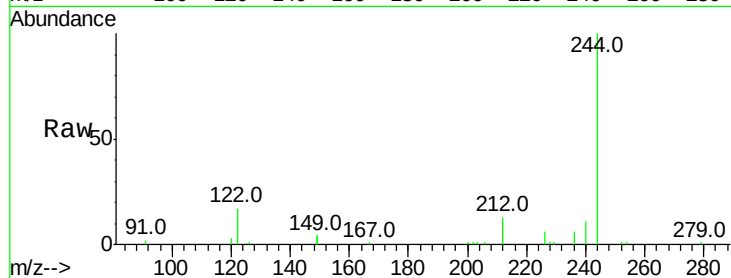
Tot Ion:244 Resp: 15645

Ion Ratio Lower Upper

244 100

212 12.5 25.4 38.0#

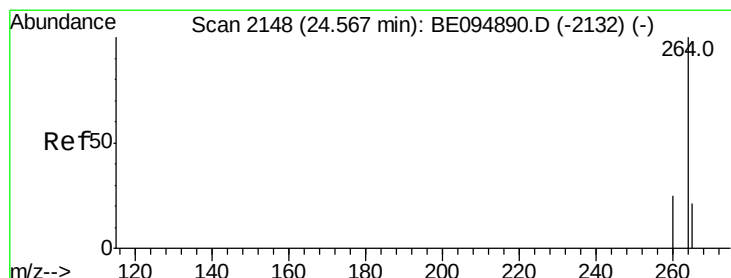
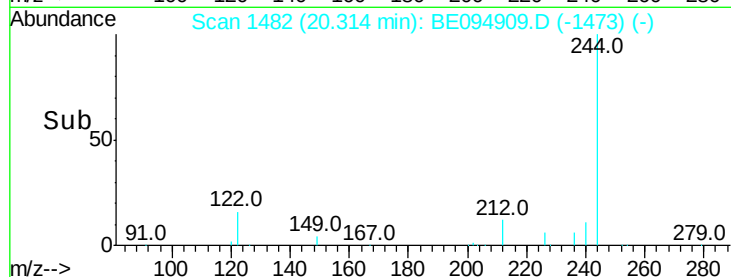
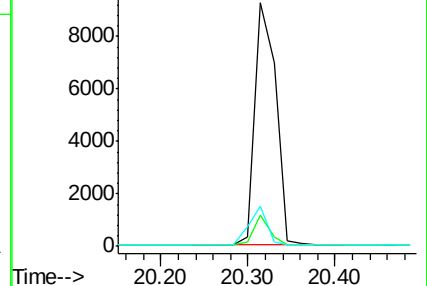
122 16.7 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.56 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BE094909.D

Acq: 1 Dec 2017 17:38

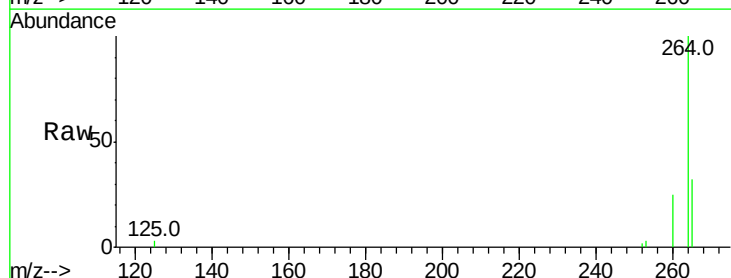
Tgt Ion:264 Resp: 17147

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 32.1 22.8 34.2



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

