

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094901.D
 Acq On : 1 Dec 2017 12:33
 Operator : SJ/JU
 Sample : PB103948BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 PB103948BL

Quant Time: Dec 01 14:52:24 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	340009	20.00	ng	0.00
7) Naphthalene-d8	11.33	136	805377	20.00	ng	0.00
13) Acenaphthene-d10	15.07	164	469317	20.00	ng	0.00
19) Phenanthrene-d10	17.77	188	1095341	20.00	ng	0.00
27) Chrysene-d12	21.89	240	1184721	20.00	ng	0.00
34) Perylene-d12	24.57	264	1103592	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	985547	91.57	ng	0.00
5) Phenol-d6	7.60	99	1481846	92.93	ng	0.01
8) Nitrobenzene-d5	9.67	82	852387	89.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	6	0.00	ng	-0.14
14) 2,4,6-Tribromophenol	16.53	330	292763	118.24	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	1784749	44.40	ng	0.00
25) Fluoranthene-d10	19.77	212	40	0.00	ng	0.00
29) Terphenyl-d14	20.33	244	2492094	56.95	ng	0.00

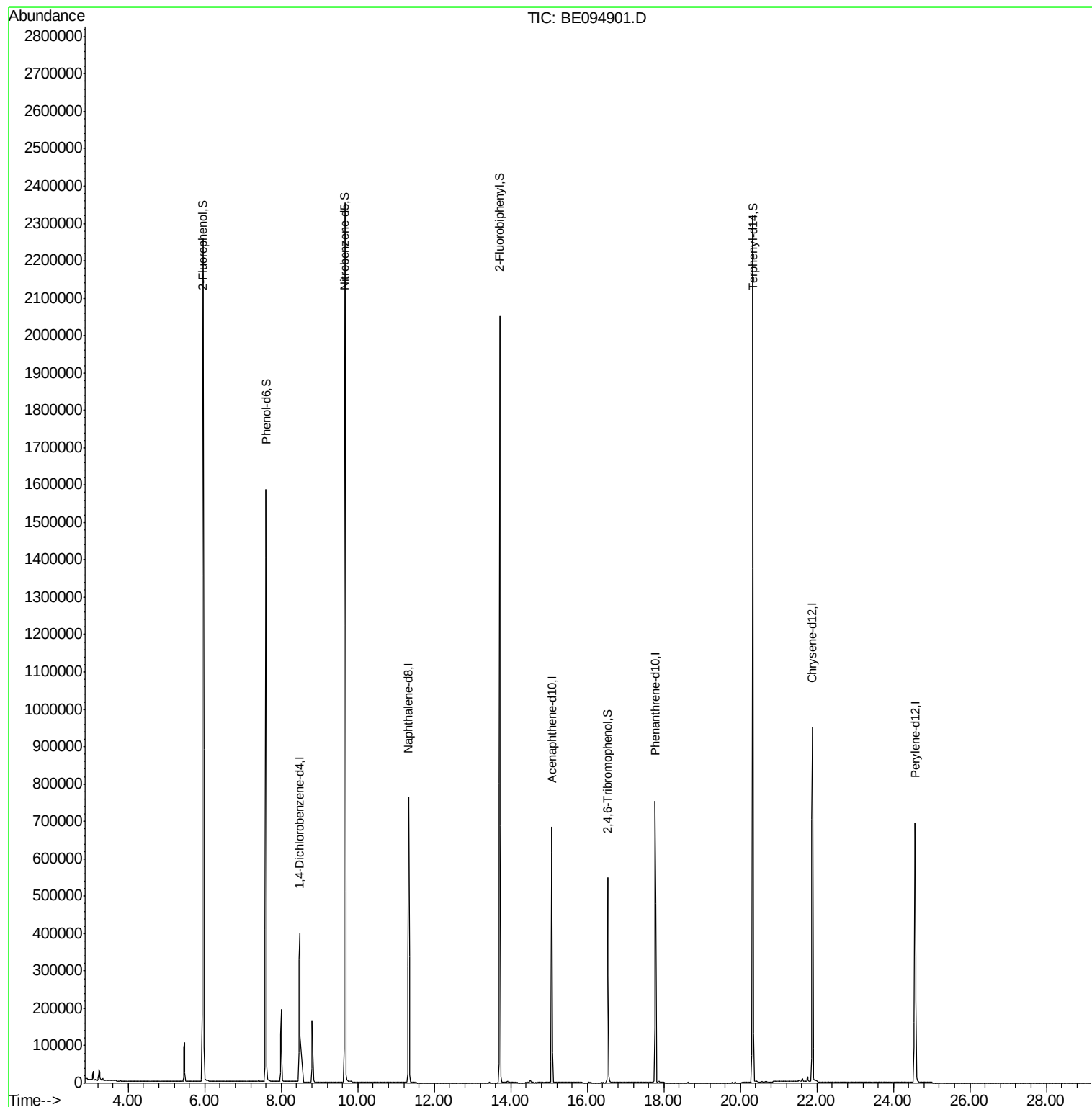
Target Compounds Qvalue

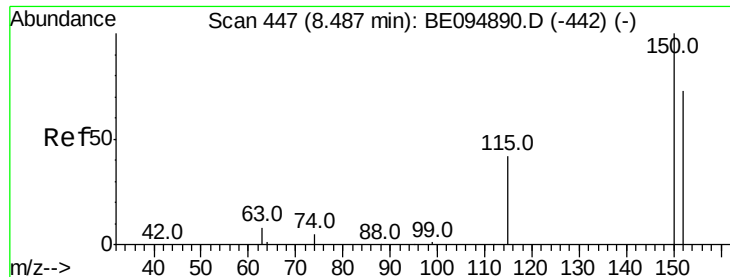
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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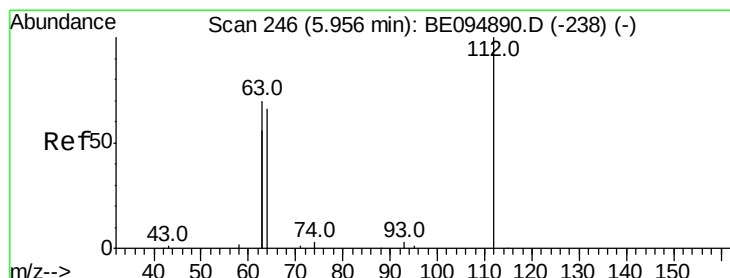
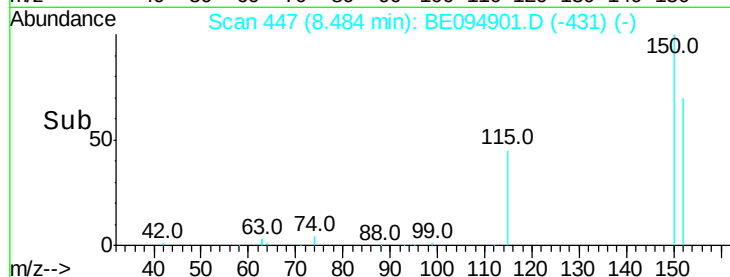
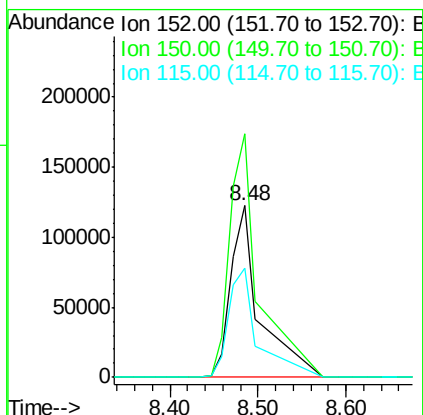
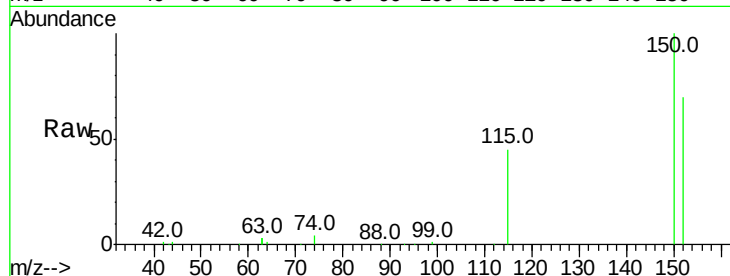


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094901.D
Acq: 1 Dec 2017 12:33

Instrument :
BNA_E
ClientSampleId :
PB103948BL

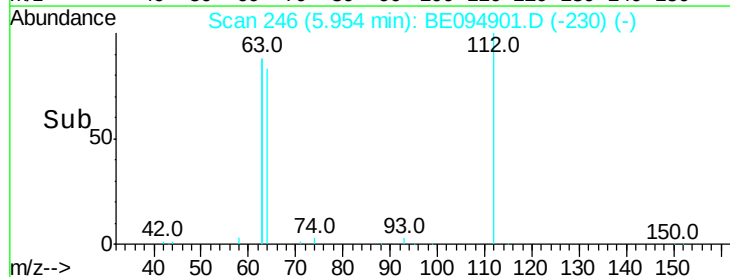
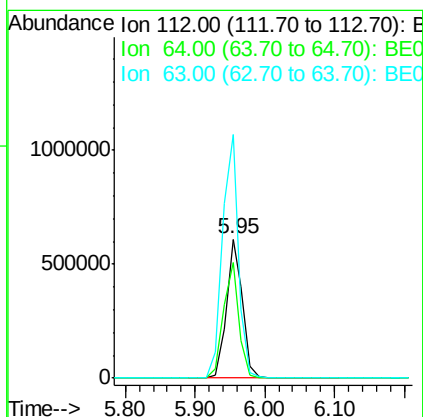
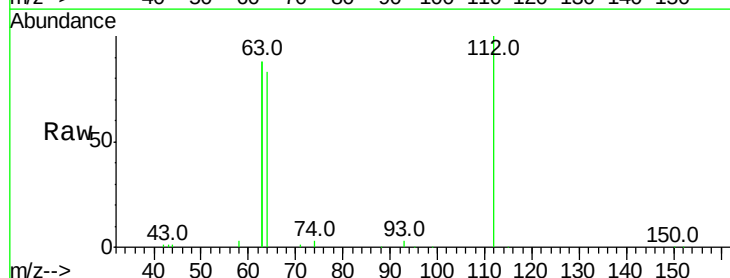
Tot Ion:152 Resp: 340009
Ion Ratio Lower Upper
152 100
150 142.1 117.2 175.8
115 64.1 57.0 85.6

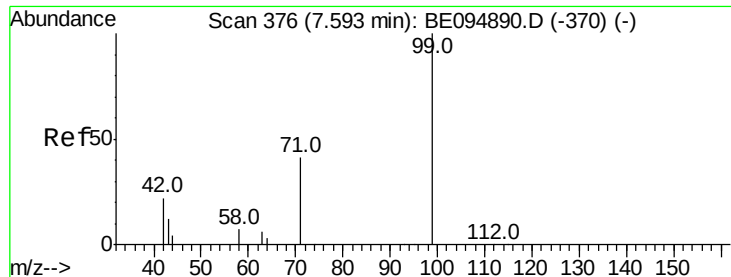


#4

2-Fluorophenol
Concen: 91.569 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094901.D
Acq: 1 Dec 2017 12:33

Tgt Ion:112 Resp: 985547
Ion Ratio Lower Upper
112 100
64 81.2 60.1 90.1
63 175.8 116.8 175.2#





#5

Phenol-d6

Concen: 92.926 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Instrument :

BNA_E

ClientSampleId :

PB103948BL

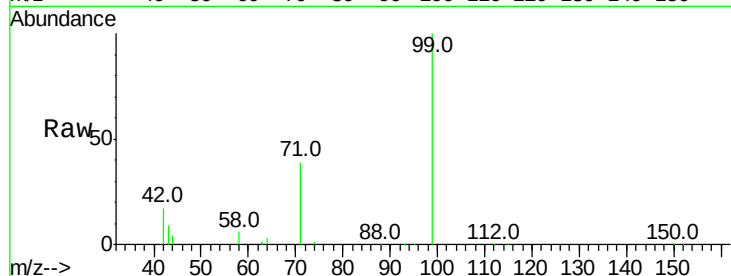
Tot Ion: 99 Resp: 1481846

Ion Ratio Lower Upper

99 100

42 27.2 20.2 30.2

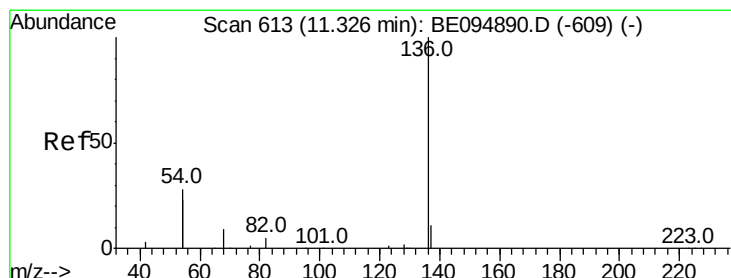
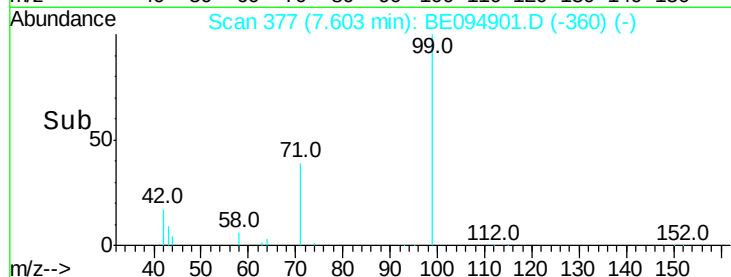
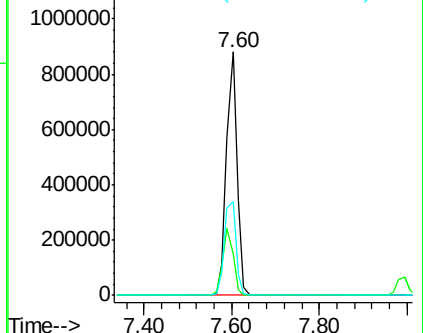
71 42.7 28.4 42.6#



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: 20.000 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Tgt Ion:136 Resp: 805377

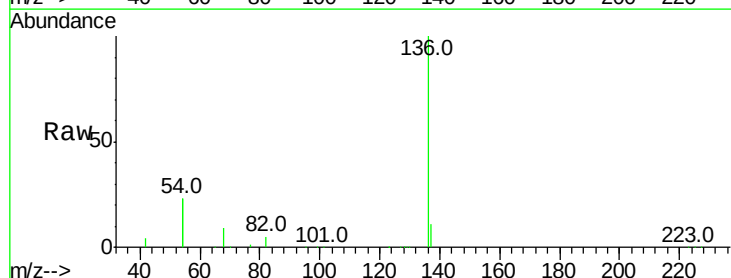
Ion Ratio Lower Upper

136 100

137 10.7 9.5 14.3

54 46.3 29.1 43.7#

68 8.6 6.2 9.2

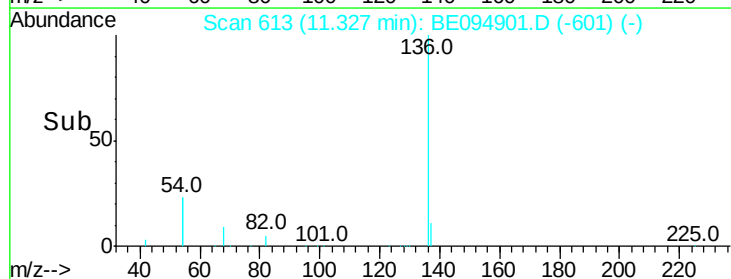
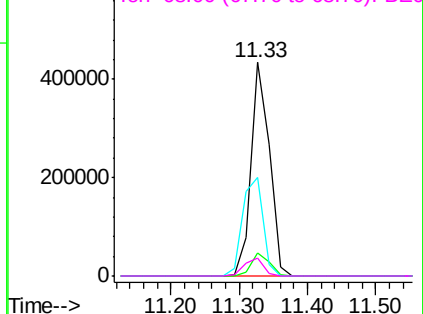


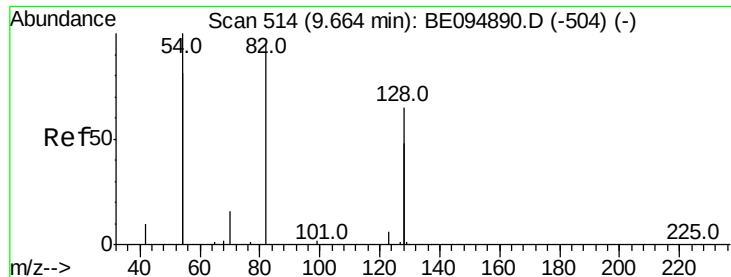
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.387 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Instrument :

BNA_E

ClientSampleId :

PB103948BL

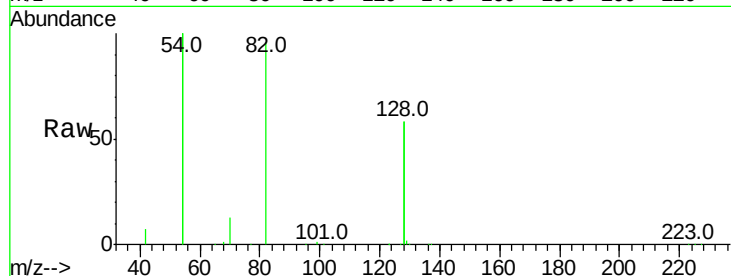
Tot Ion: 82 Resp: 852387

Ion Ratio Lower Upper

82 100

128 122.0 150.0 225.0#

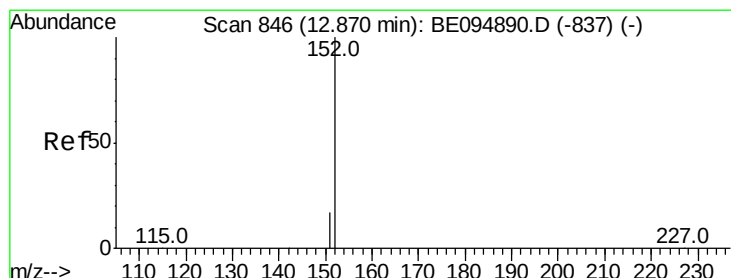
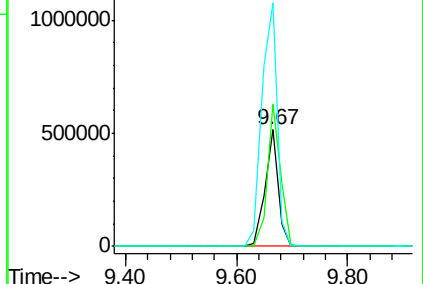
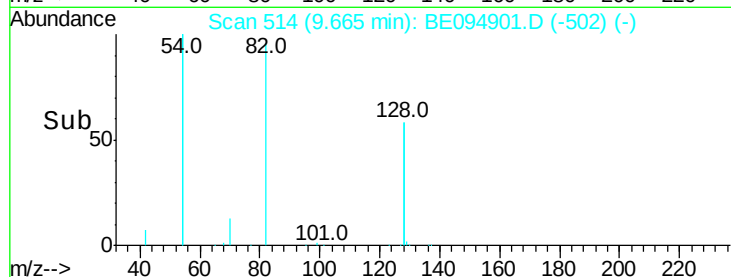
54 209.3 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094901.D (-502) (-)

Ion 128.00 (127.70 to 128.70): BE094901.D (-502) (-)

Ion 54.00 (53.70 to 54.70): BE094901.D (-502) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.73 min Scan# 822

Delta R.T. -0.14 min

Lab File: BE094901.D

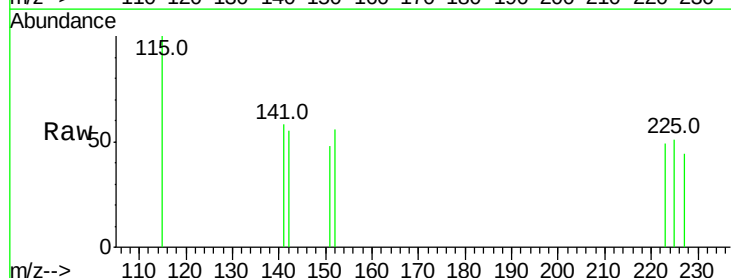
Acq: 1 Dec 2017 12:33

Tgt Ion: 152 Resp: 6

Ion Ratio Lower Upper

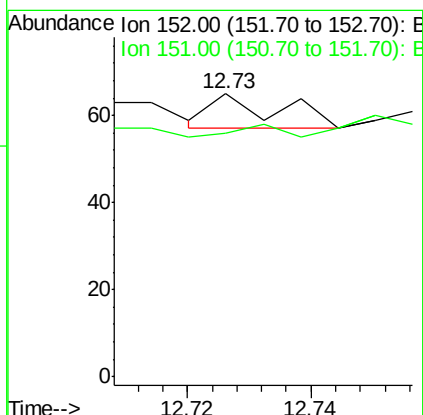
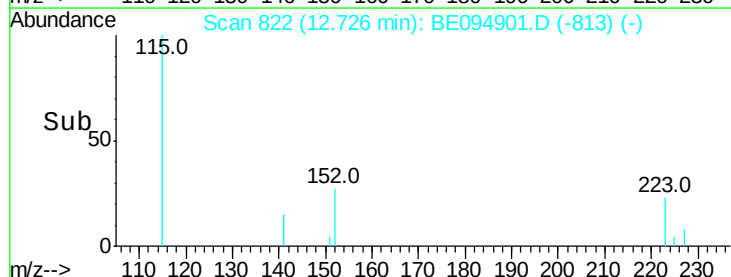
152 100

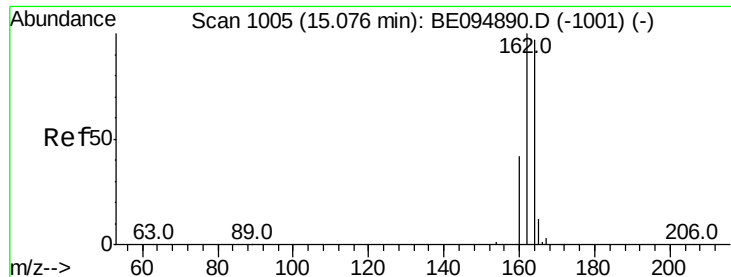
151 16.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094901.D (-813) (-)

Ion 151.00 (150.70 to 151.70): BE094901.D (-813) (-)





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Instrument :

BNA_E

ClientSampleId :

PB103948BL

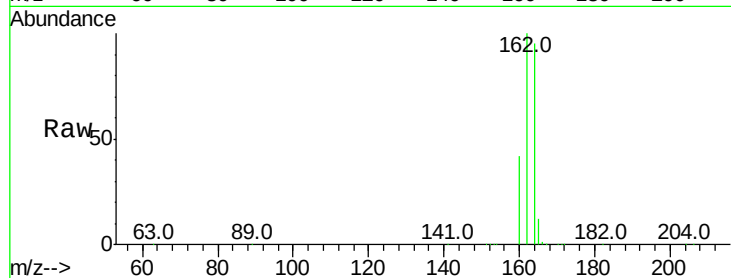
Tot Ion:164 Resp: 469317

Ion Ratio Lower Upper

164 100

162 104.9 83.1 124.7

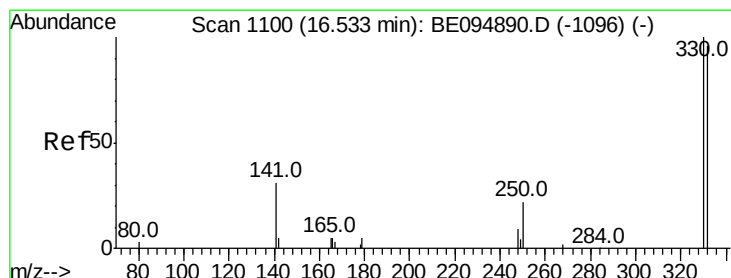
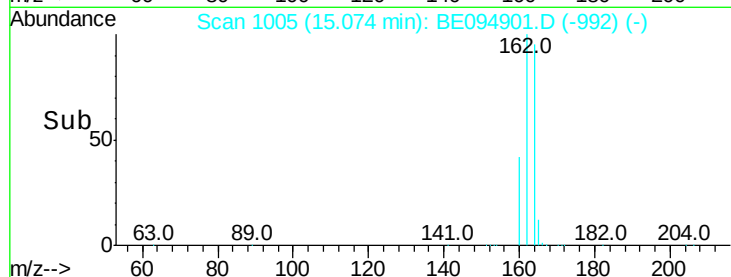
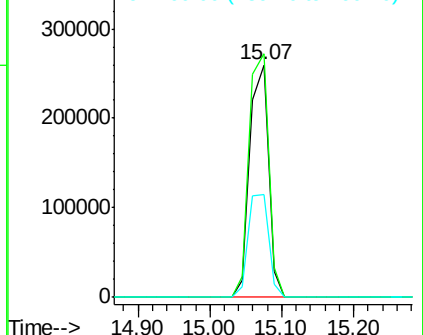
160 44.3 37.1 55.7



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: 118.243 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

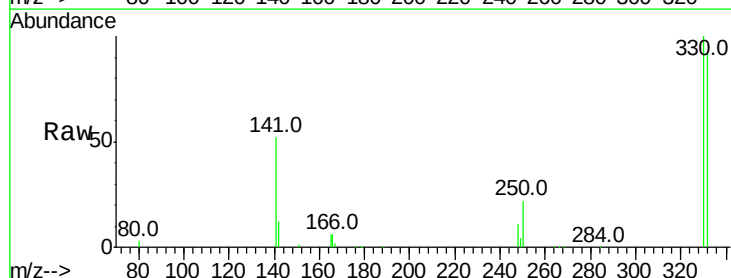
Tgt Ion:330 Resp: 292763

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

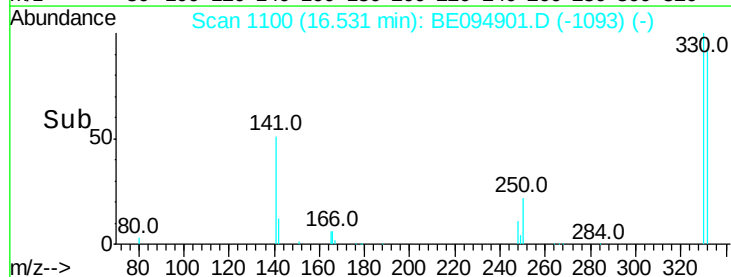
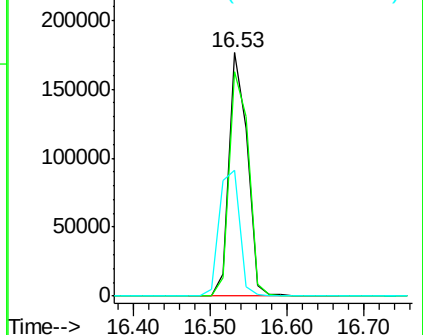
141 58.0 33.7 50.5#

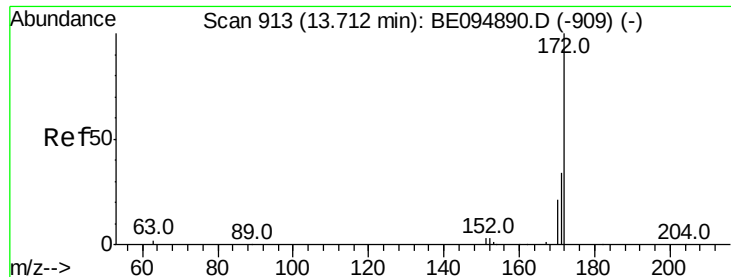


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

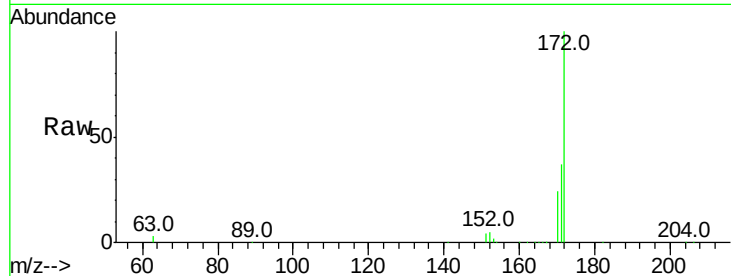




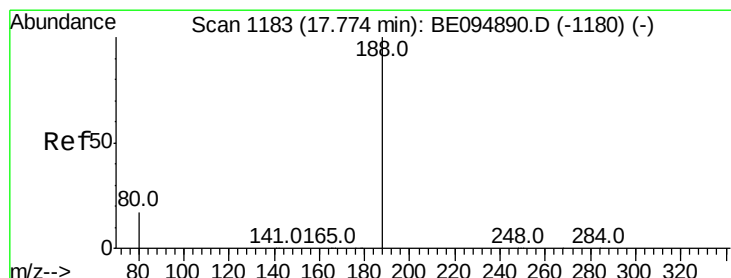
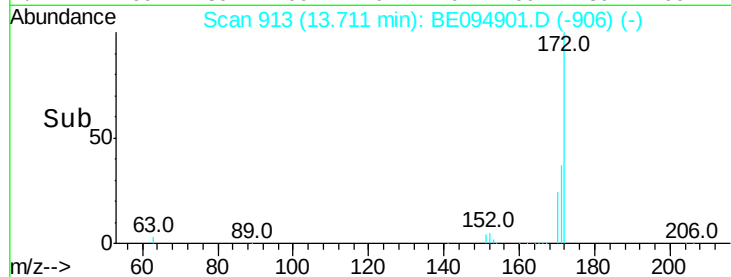
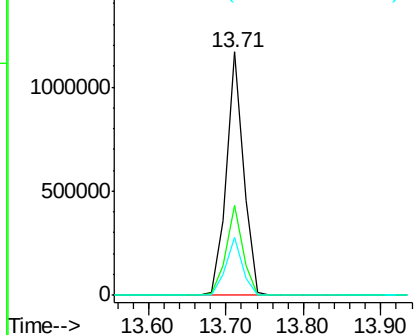
#15
2-Fluorobiphenyl
Concen: 44.400 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094901.D
Acq: 1 Dec 2017 12:33

Instrument :
BNA_E
ClientSampleId :
PB103948BL

Tot Ion:172 Resp: 1784749
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 23.7 21.8 32.8

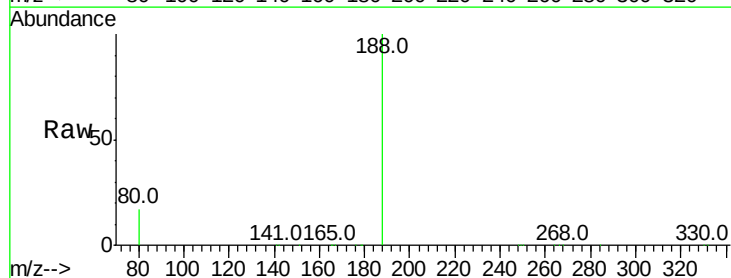


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

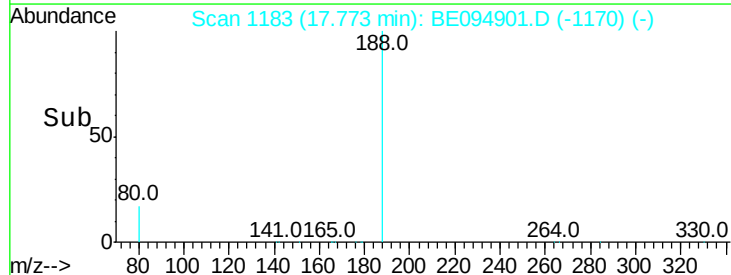
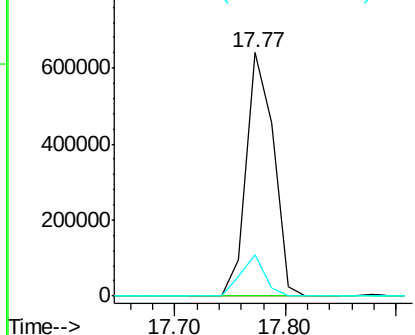


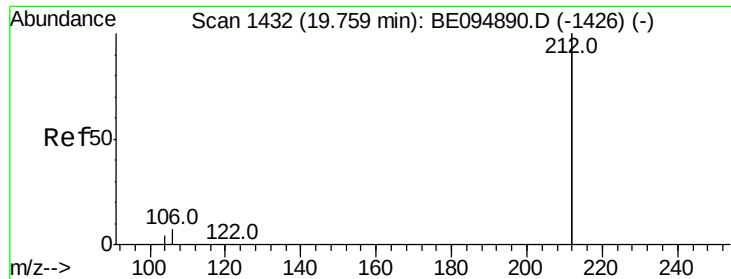
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094901.D
Acq: 1 Dec 2017 12:33

Tgt Ion:188 Resp: 1095341
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 17.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.77 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Instrument :

BNA_E

ClientSampleId :

PB103948BL

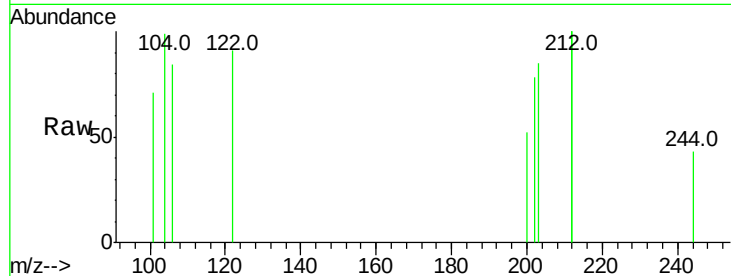
Tot Ion:212 Resp: 40

Ion Ratio Lower Upper

212 100

106 30.0 2.8 4.2#

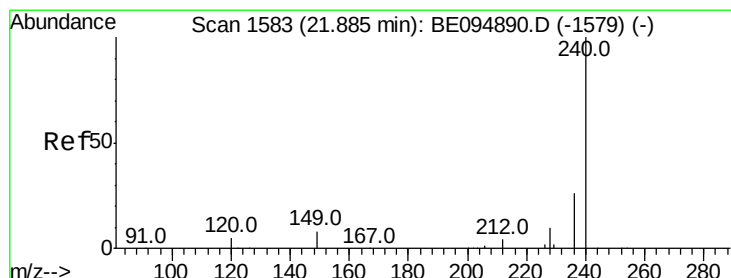
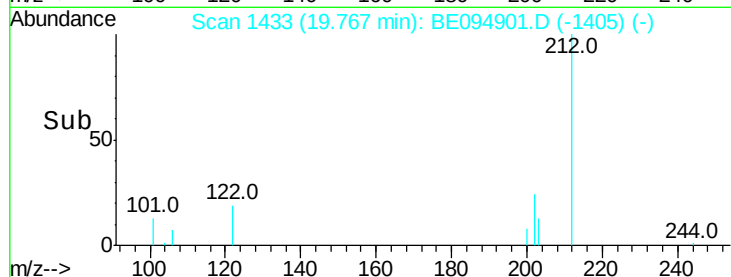
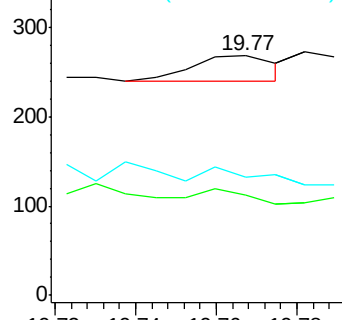
104 0.0 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

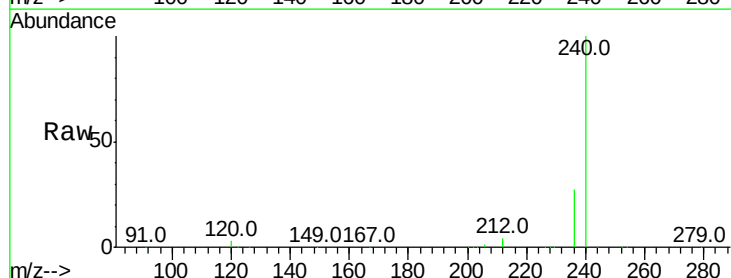
Tgt Ion:240 Resp: 1184721

Ion Ratio Lower Upper

240 100

120 3.5 5.5 8.3#

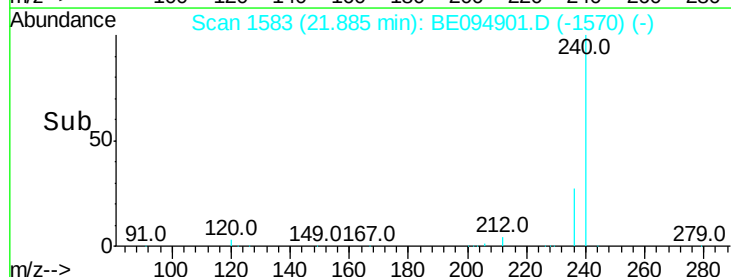
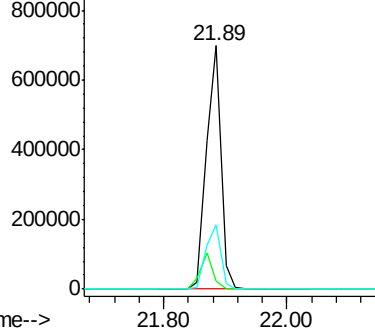
236 26.6 20.7 31.1

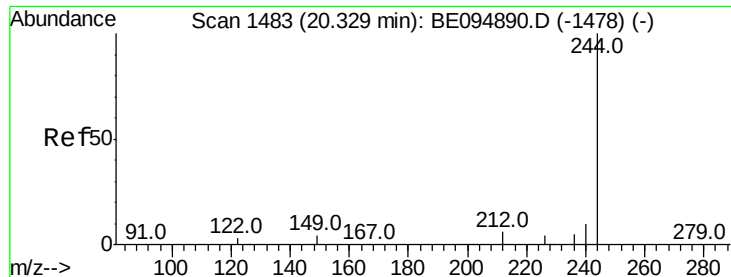


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 56.948 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Instrument :

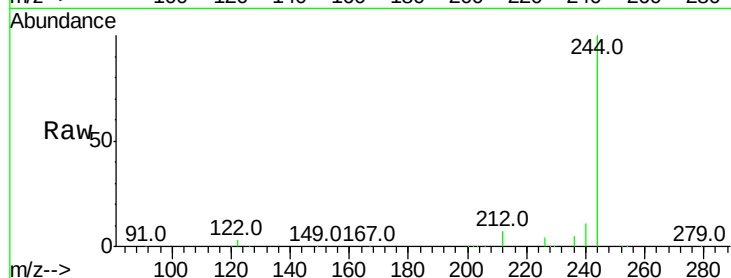
BNA_E

ClientSampleId :

PB103948BL

Tot Ion:244 Resp: 2492094

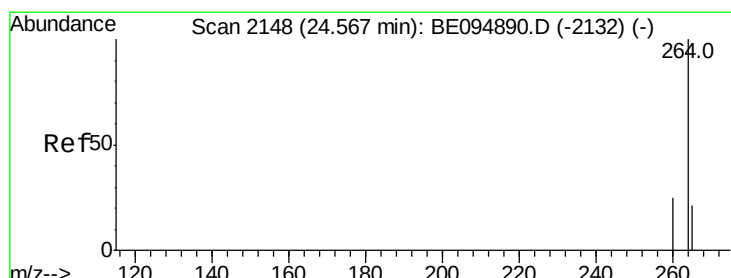
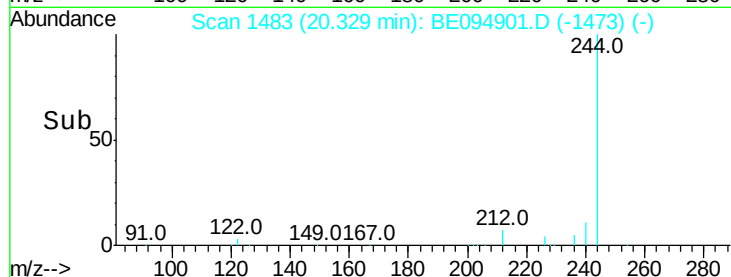
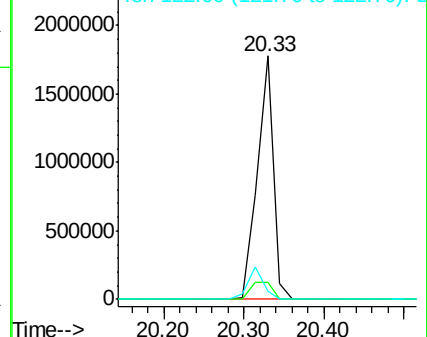
Ion	Ratio	Lower	Upper
244	100		
212	6.8	25.4	38.0#
122	3.1	8.1	12.1#



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: 20.000 ng

RT: 24.57 min Scan# 2148

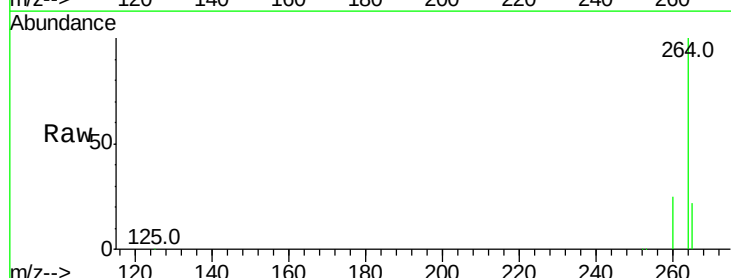
Delta R.T. -0.00 min

Lab File: BE094901.D

Acq: 1 Dec 2017 12:33

Tgt Ion:264 Resp: 1103592

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	21.7	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

