

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
 Data File : BE094131.D
 Acq On : 26 Sep 2017 16:41
 Operator : SJ/JU
 Sample : I5322-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170919

Quant Time: Sep 26 19:27:49 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1692	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8185	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5281	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	19536	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16031	0.40	ng	0.00
34) Perylene-d12	23.91	264	14886	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	903	0.14	ng	0.00
5) Phenol-d6	7.09	99	747	0.08	ng	0.00
8) Nitrobenzene-d5	9.06	82	2356	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4379	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	589	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7534	0.43	ng	0.01
25) Fluoranthene-d10	19.27	212	62191	0.33	ng	0.00
29) Terphenyl-d14	19.85	244	13212	0.45	ng	0.00

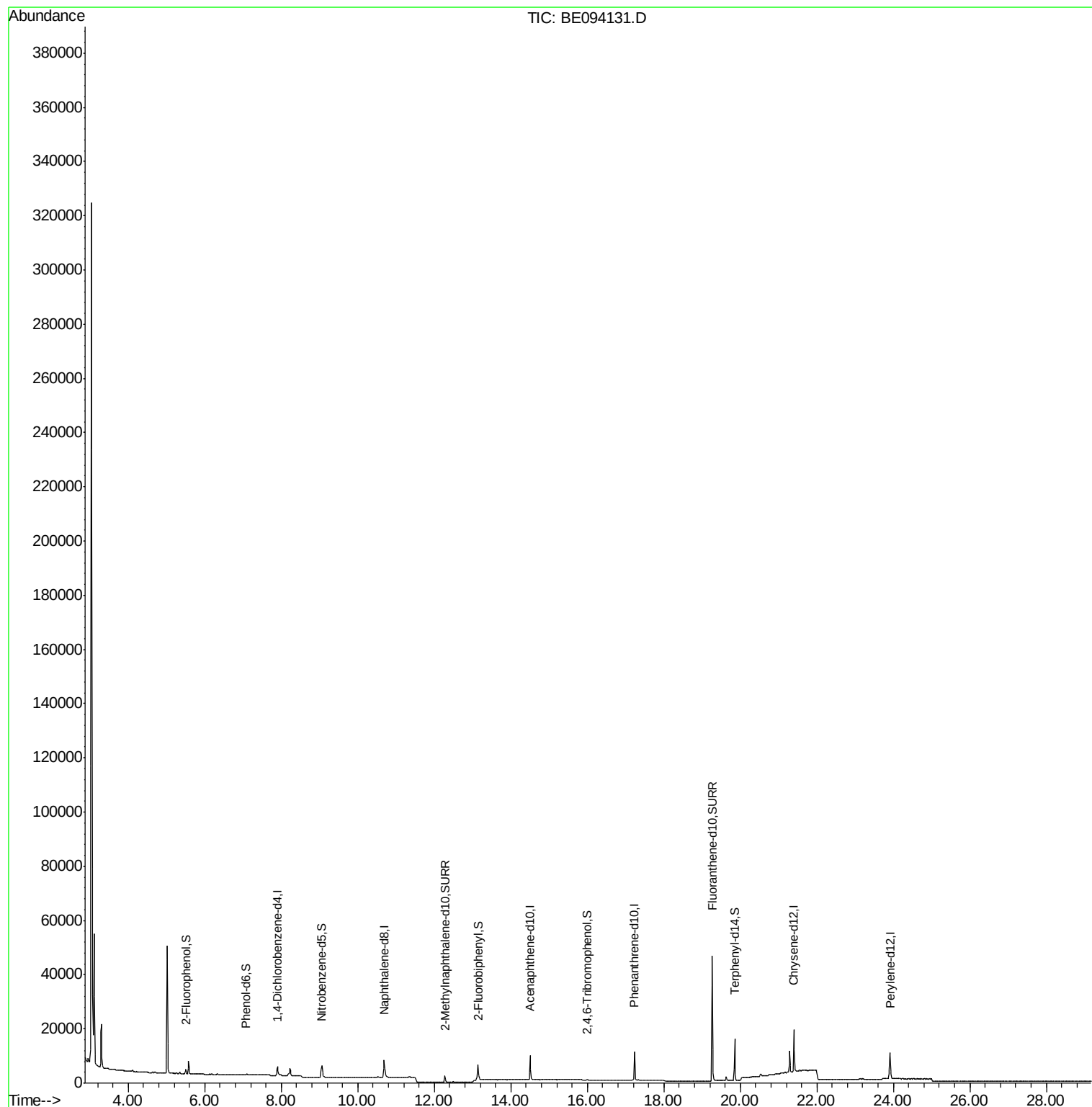
Target Compounds Qvalue

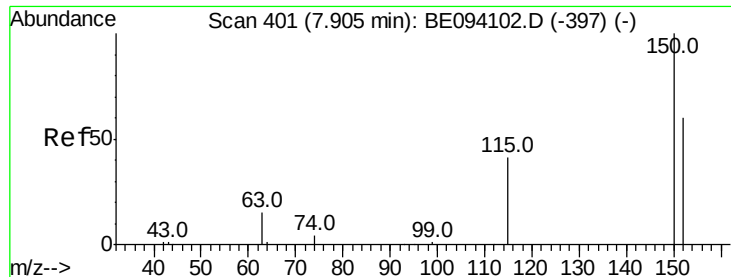
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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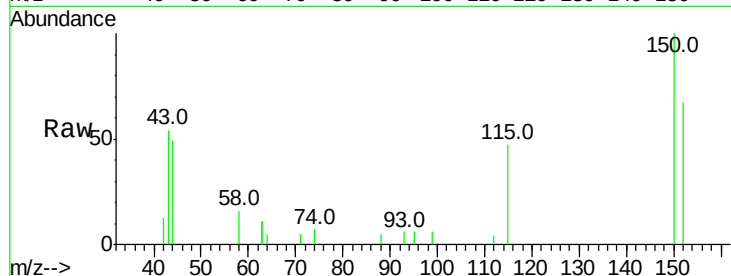


#1

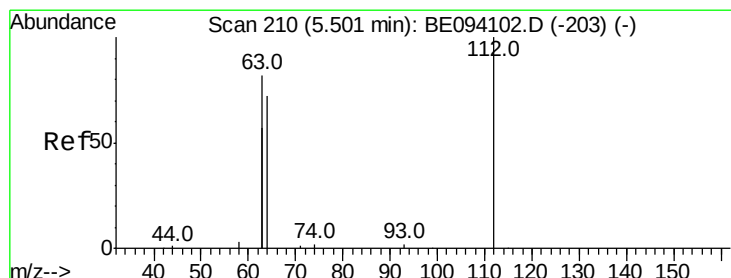
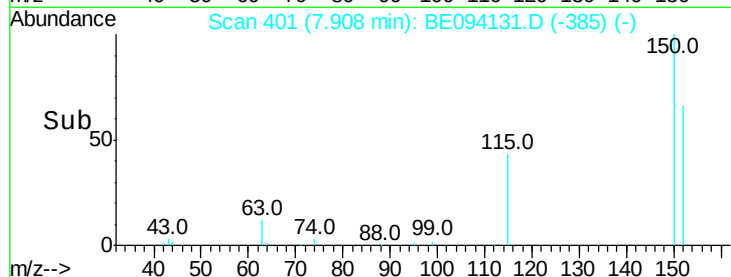
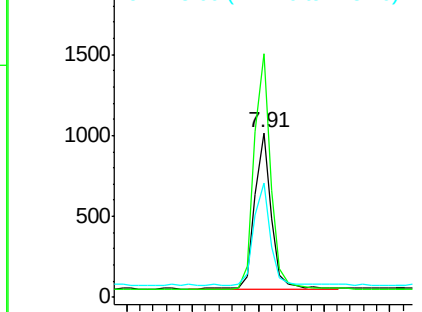
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094131.D
Acq: 26 Sep 2017 16:41

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170919

Tot Ion:152 Resp: 1692
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 69.3 57.0 85.6



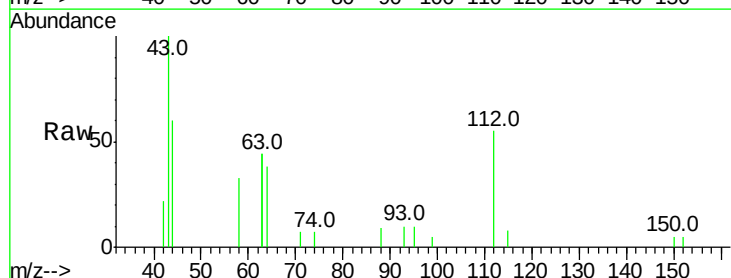
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



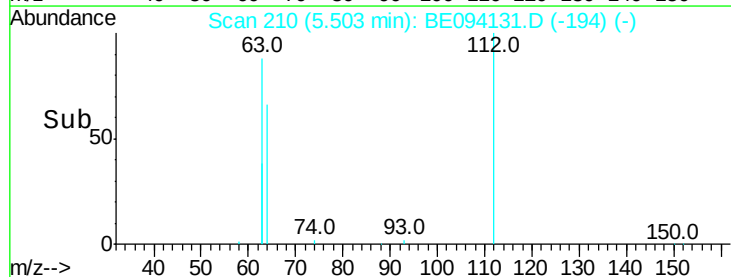
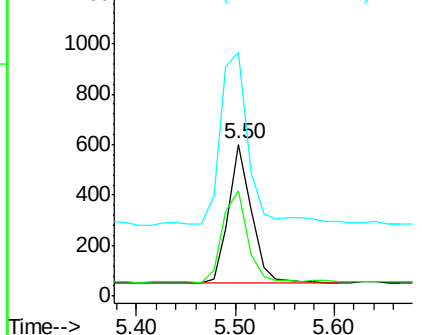
#4

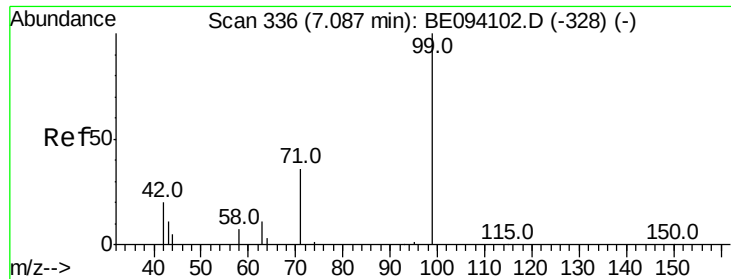
2-Fluorophenol
Concen: 0.141 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094131.D
Acq: 26 Sep 2017 16:41

Tgt Ion:112 Resp: 903
Ion Ratio Lower Upper
112 100
64 70.0 60.1 90.1
63 159.8 116.8 175.2



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: 0.084 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170919

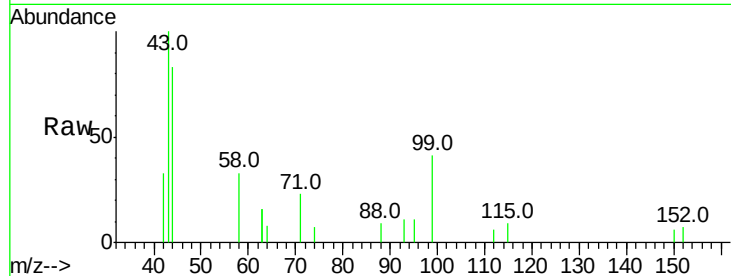
Tot Ion: 99 Resp: 747

Ion Ratio Lower Upper

99 100

42 22.1 20.2 30.2

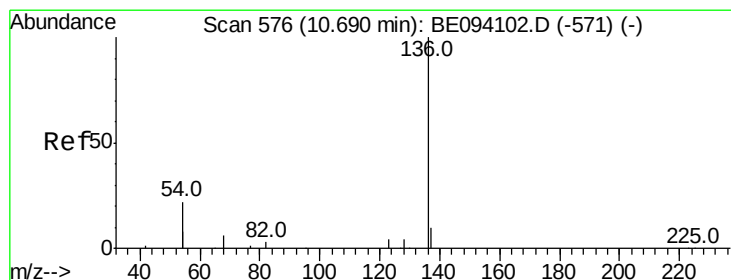
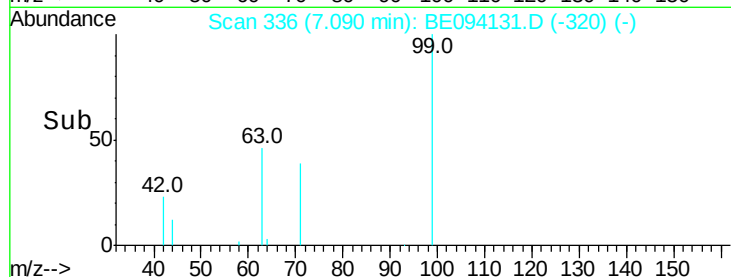
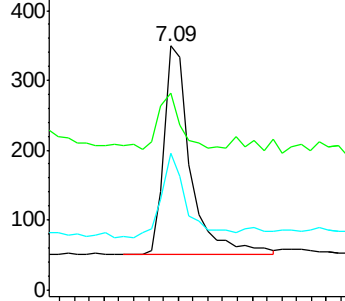
71 38.0 28.4 42.6



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: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

Tgt Ion: 136 Resp: 8185

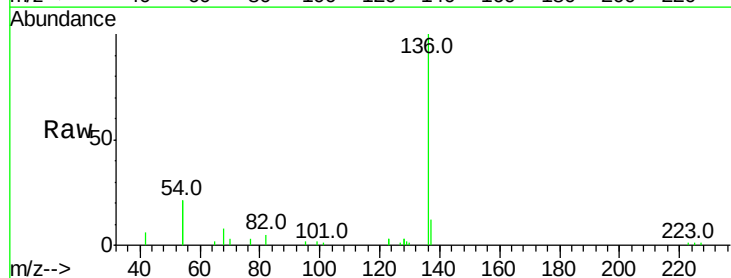
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 41.4 29.1 43.7

68 8.3 6.2 9.2

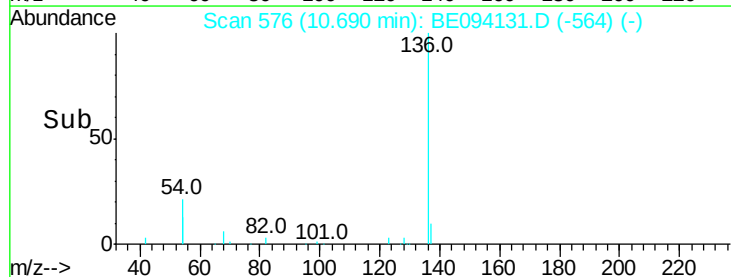
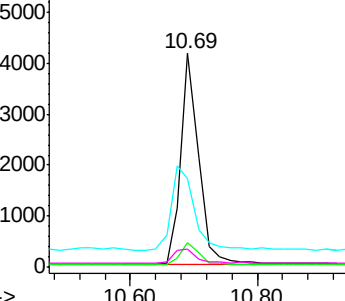


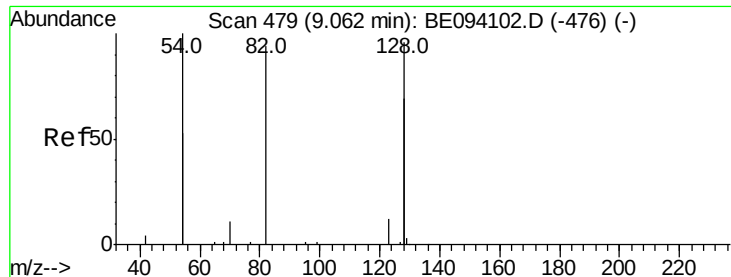
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170919

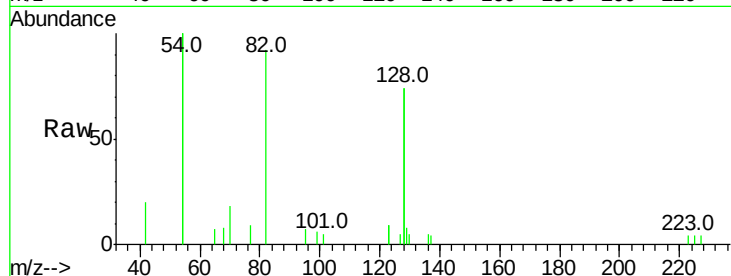
Tot Ion: 82 Resp: 2356

Ion Ratio Lower Upper

82 100

128 159.8 150.0 225.0

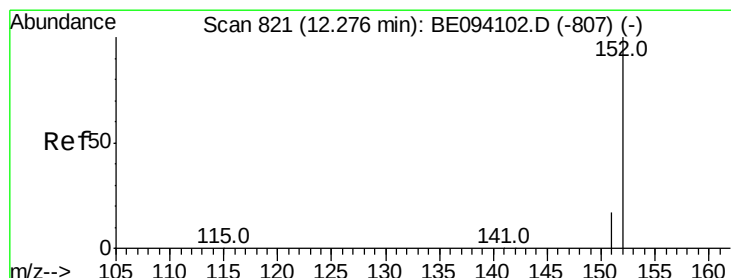
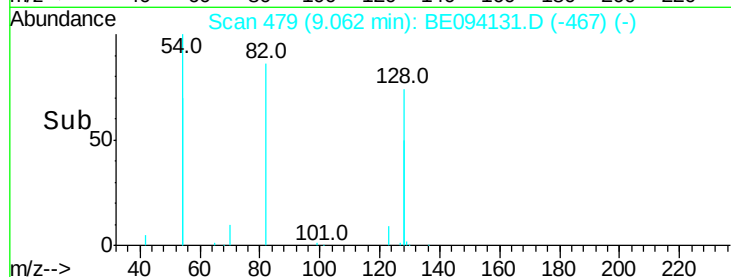
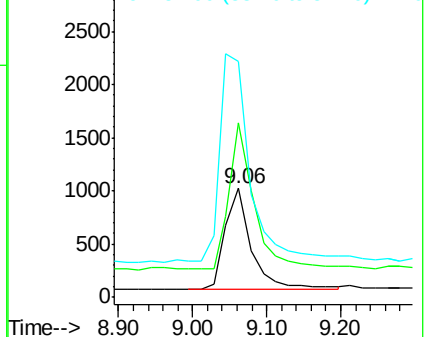
54 216.4 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094131.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094131.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094131.D (-467) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094131.D

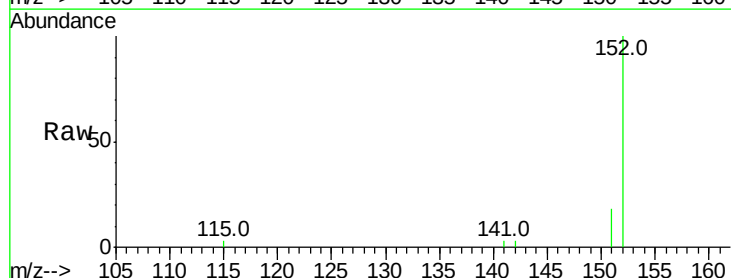
Acq: 26 Sep 2017 16:41

Tgt Ion: 152 Resp: 4379

Ion Ratio Lower Upper

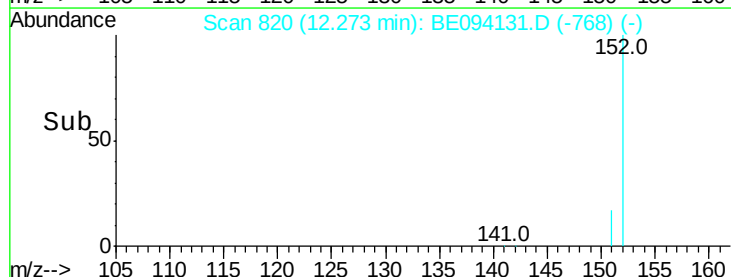
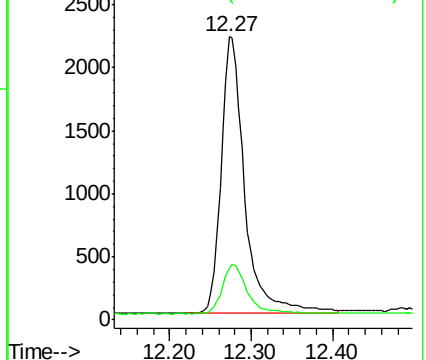
152 100

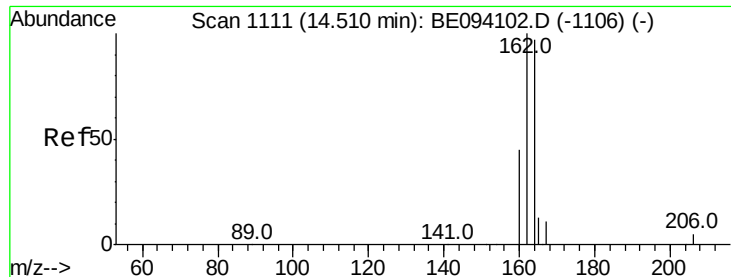
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094131.D (-768) (-)

Ion 151.00 (150.70 to 151.70): BE094131.D (-768) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170919

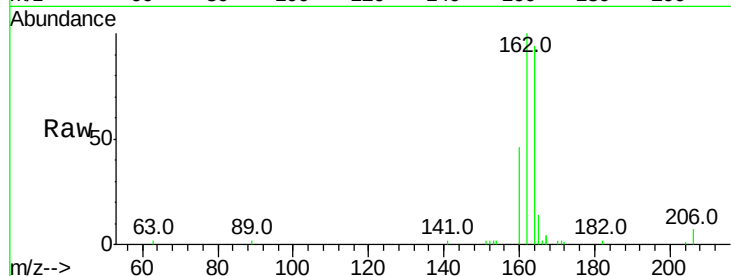
Tot Ion:164 Resp: 5281

Ion Ratio Lower Upper

164 100

162 106.0 83.1 124.7

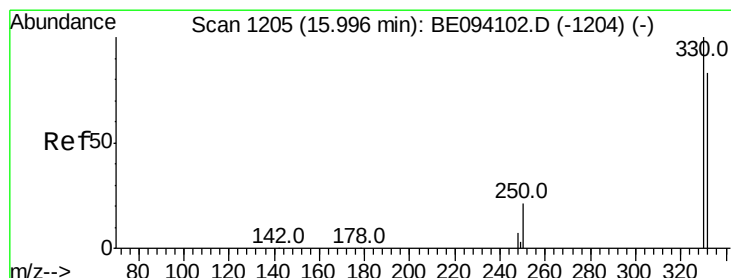
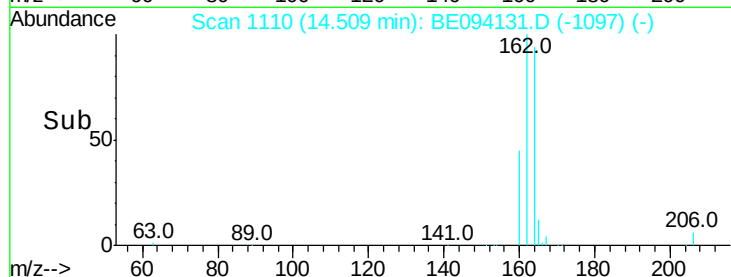
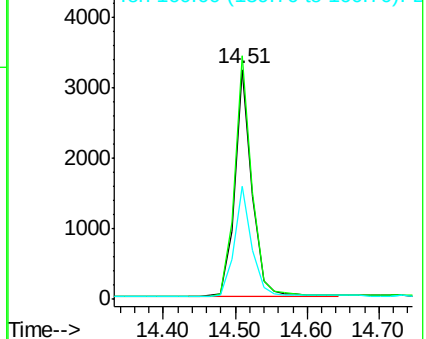
160 49.0 37.1 55.7



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: 0.173 ng

RT: 16.00 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

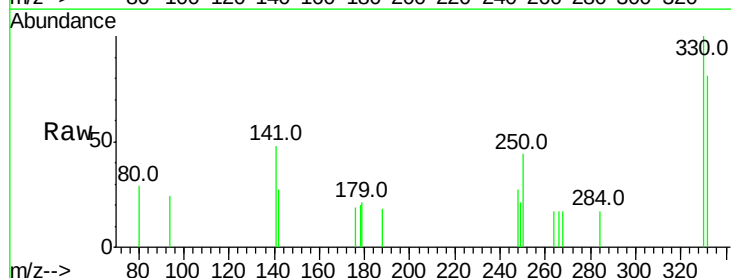
Tgt Ion:330 Resp: 589

Ion Ratio Lower Upper

330 100

332 85.4 152.7 229.1#

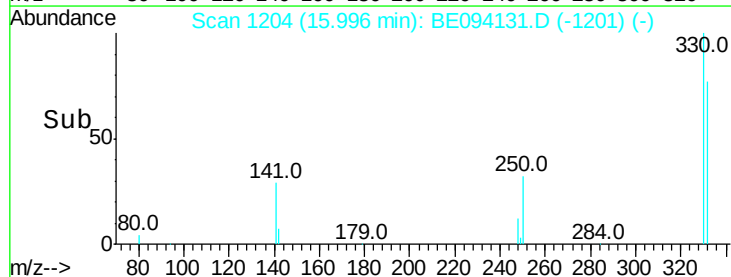
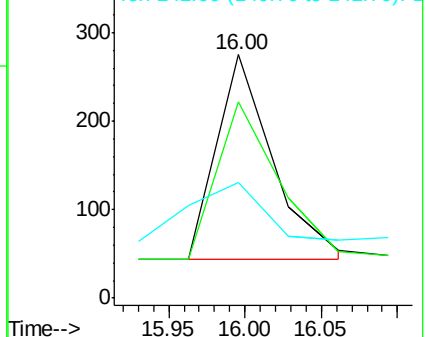
141 0.0 33.7 50.5#

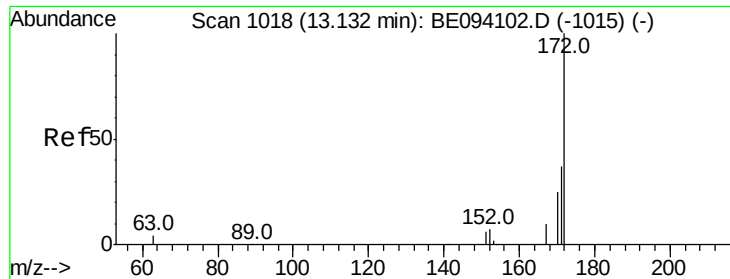


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

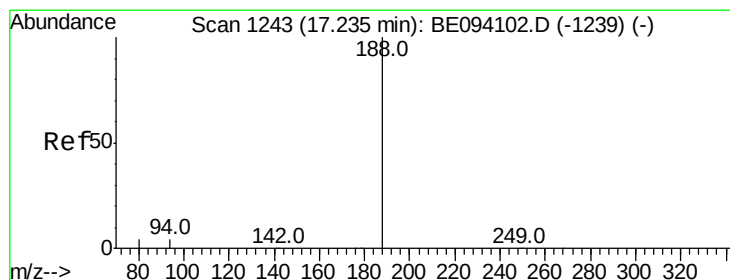
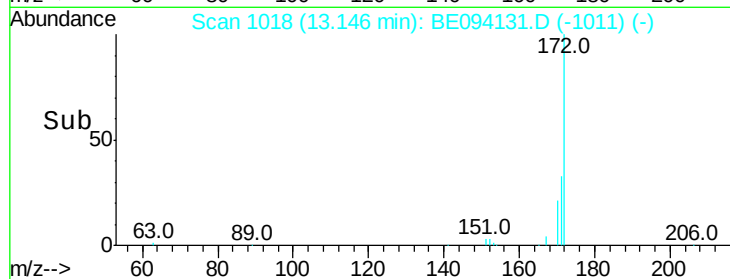
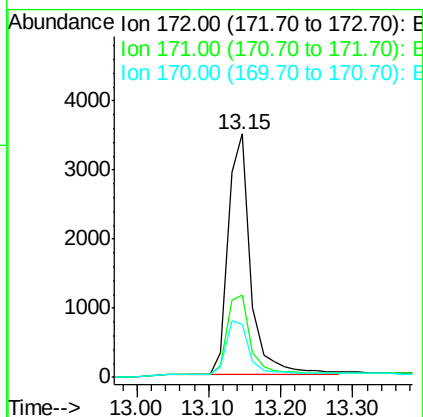
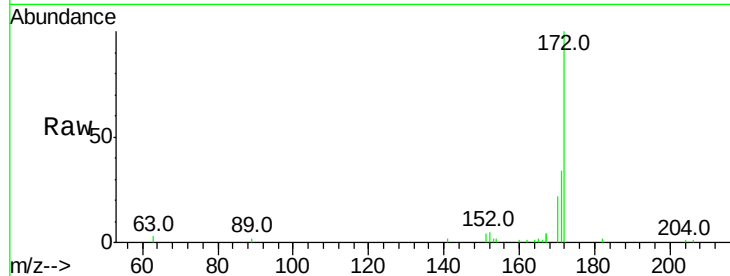




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.15 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE094131.D
Acq: 26 Sep 2017 16:41

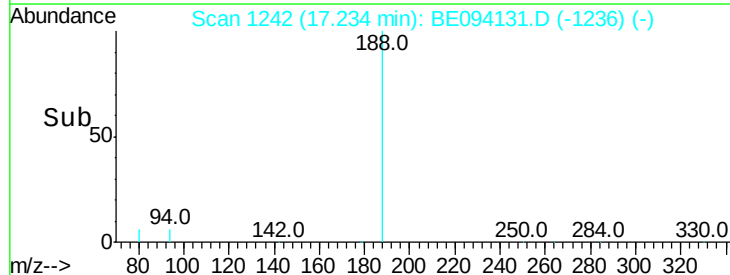
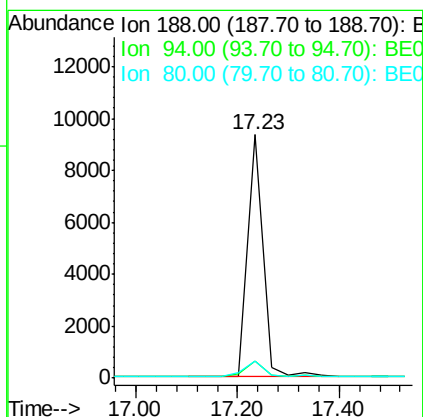
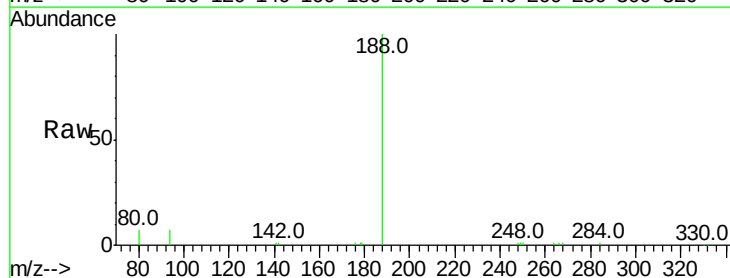
Instrument :
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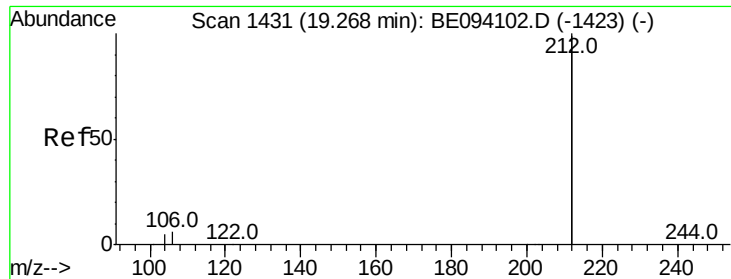
Tot Ion:172 Resp: 7534
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 21.7 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE094131.D
Acq: 26 Sep 2017 16:41

Tgt Ion:188 Resp: 19536
Ion Ratio Lower Upper
188 100
94 7.0 3.9 5.9#
80 6.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.27 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170919

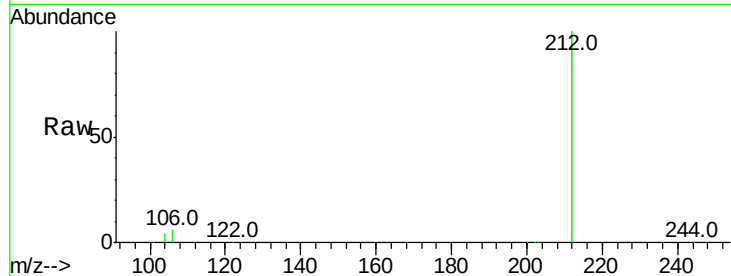
Tot Ion:212 Resp: 62191

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

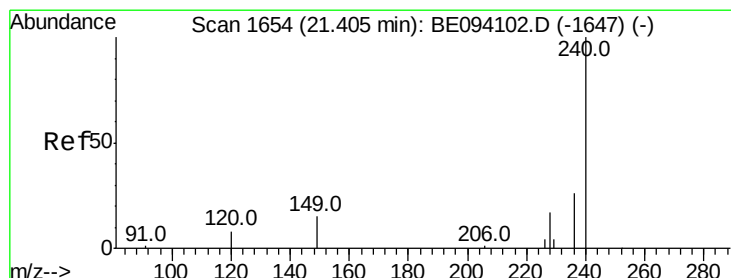
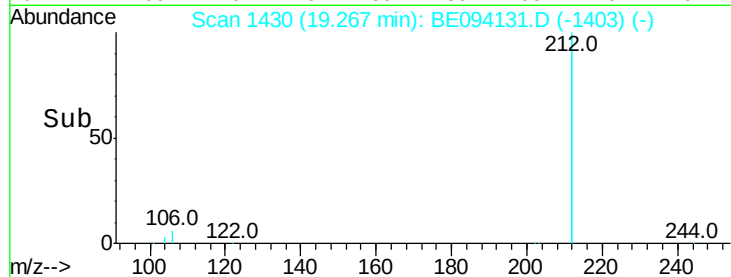
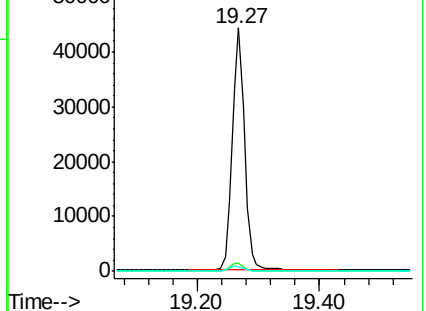
104 2.1 1.6 2.4



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: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

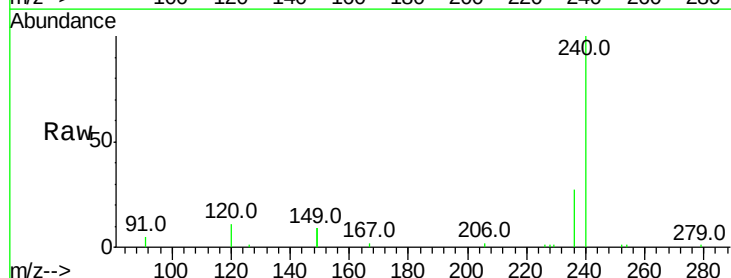
Tgt Ion:240 Resp: 16031

Ion Ratio Lower Upper

240 100

120 10.7 5.5 8.3#

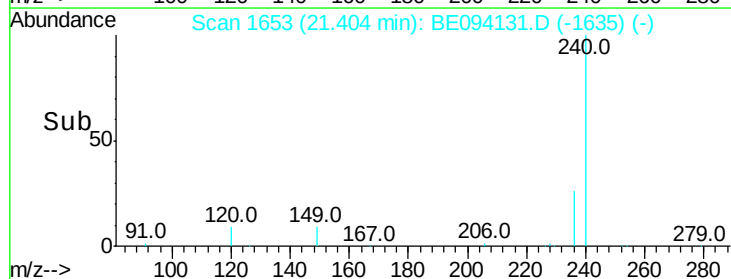
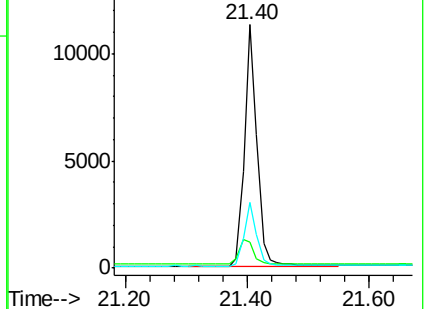
236 26.8 20.7 31.1

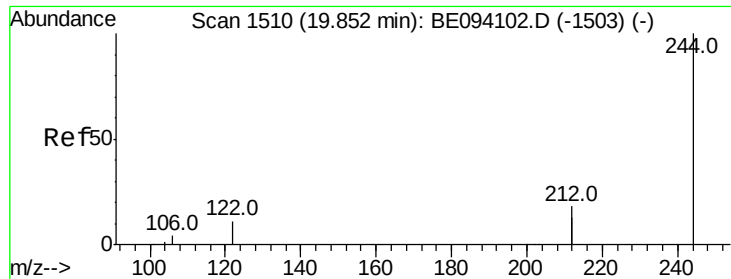


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.85 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE094131.D

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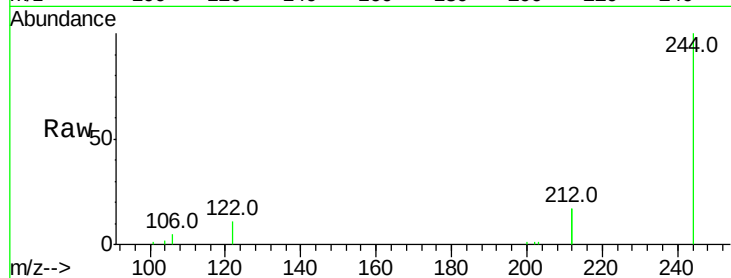
Tot Ion:244 Resp: 13212

Ion Ratio Lower Upper

244 100

212 33.6 25.4 38.0

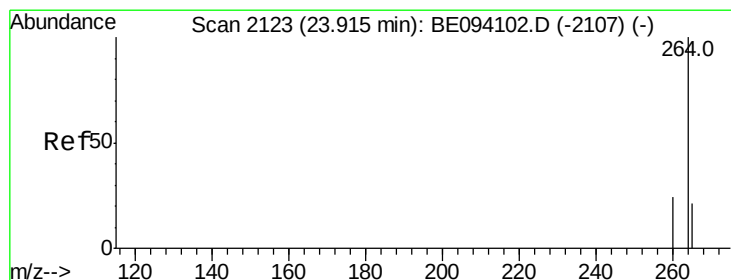
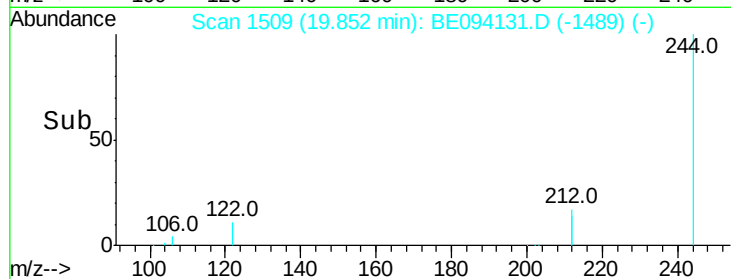
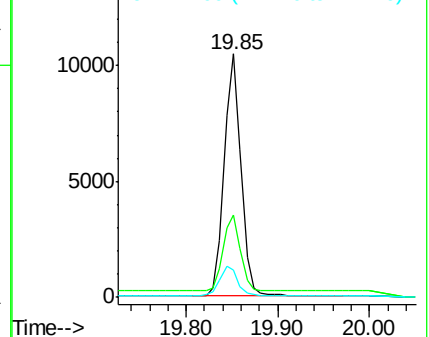
122 11.3 8.1 12.1



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: 23.91 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE094131.D

Acq: 26 Sep 2017 16:41

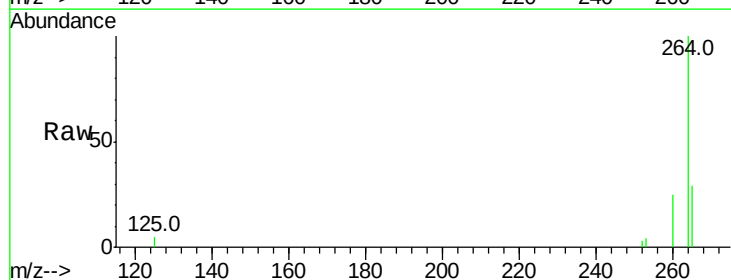
Tgt Ion:264 Resp: 14886

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 29.3 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

