

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094459.D
 Acq On : 19 Oct 2017 23:21
 Operator : SJ/JU
 Sample : I5819-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3914-PA3

Quant Time: Oct 20 13:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

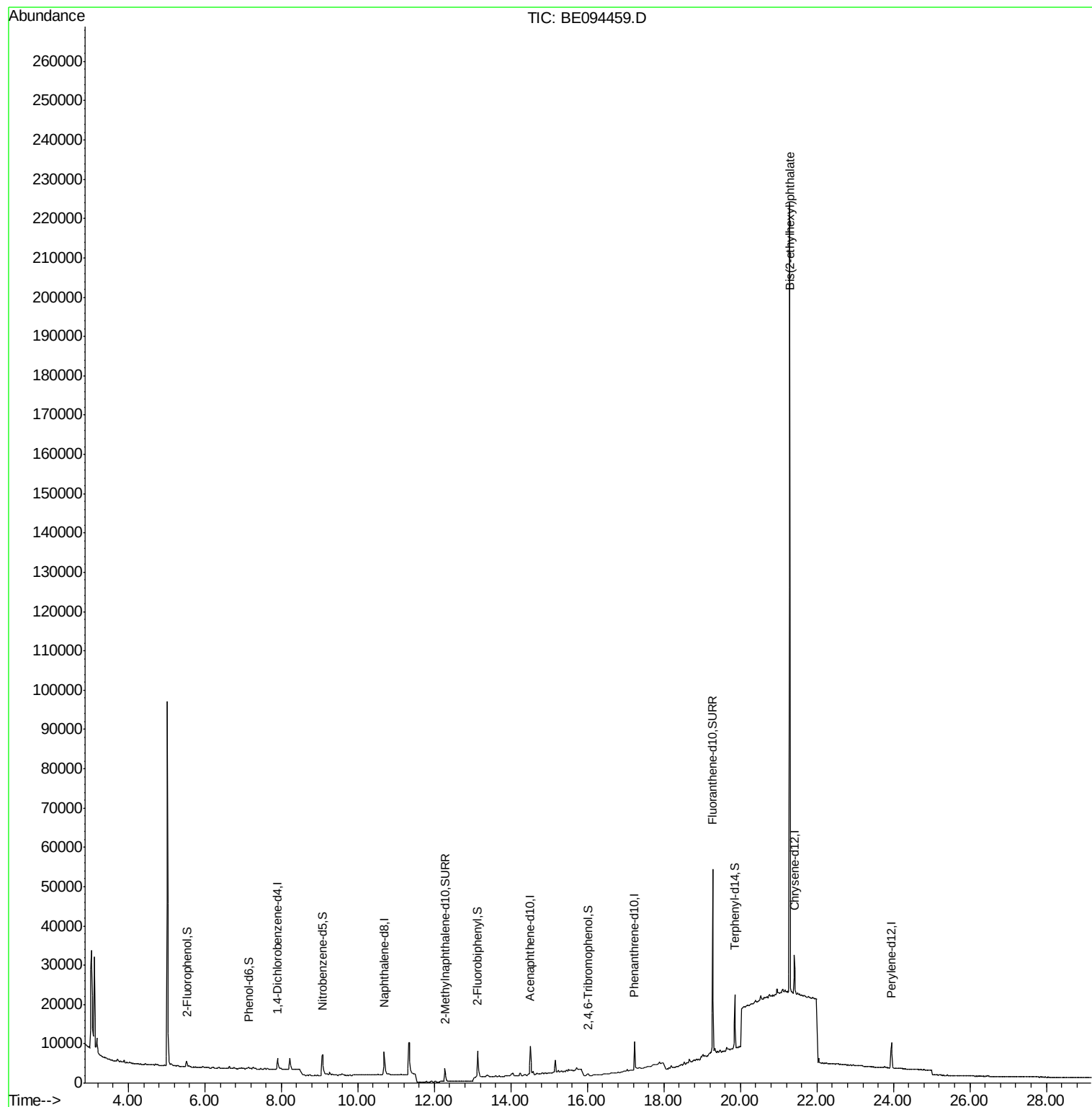
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1526	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	7793	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4650	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	12689	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	10539	0.40	ng	-0.01
34) Perylene-d12	23.95	264	9716	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1190	0.23	ng	0.00
5) Phenol-d6	7.14	99	1025	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	3391	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5992	0.50	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	614	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	8588	0.52	ng	-0.01
25) Fluoranthene-d10	19.27	212	62764	0.31	ng	-0.01
29) Terphenyl-d14	19.85	244	12319	0.58	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	217123	2.068	ng	100

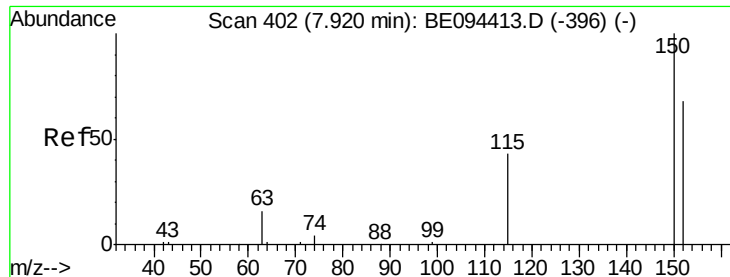
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

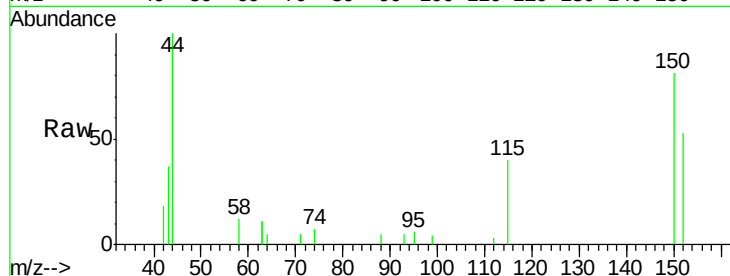
Tgt Ion:152 Resp: 1526

Ion Ratio Lower Upper

152 100

150 153.6 117.2 175.8

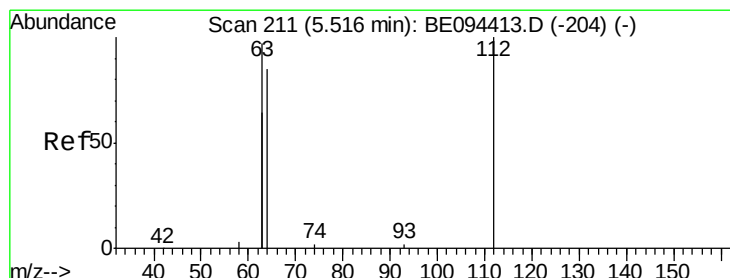
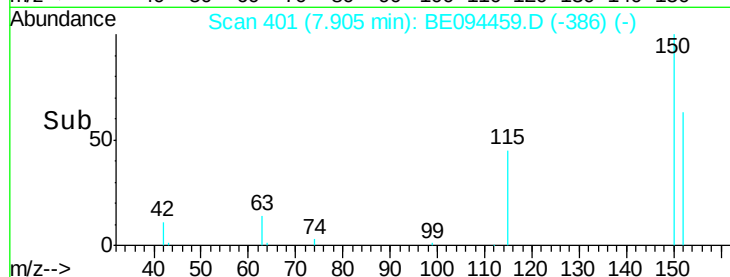
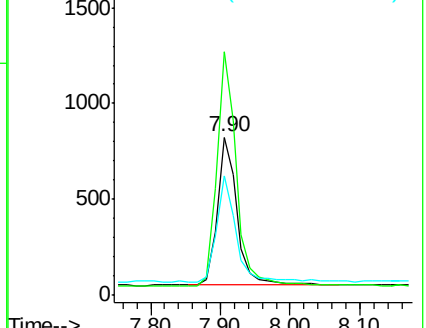
115 75.7 57.0 85.6



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: 0.231 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

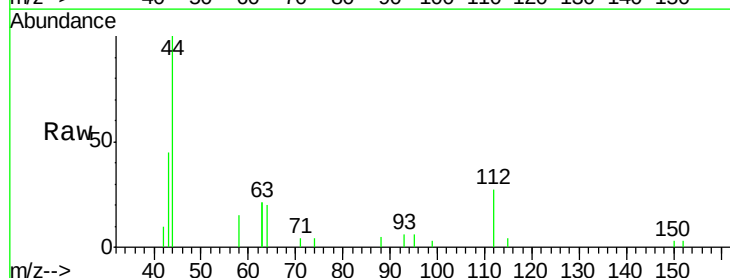
Tgt Ion:112 Resp: 1190

Ion Ratio Lower Upper

112 100

64 73.8 60.1 90.1

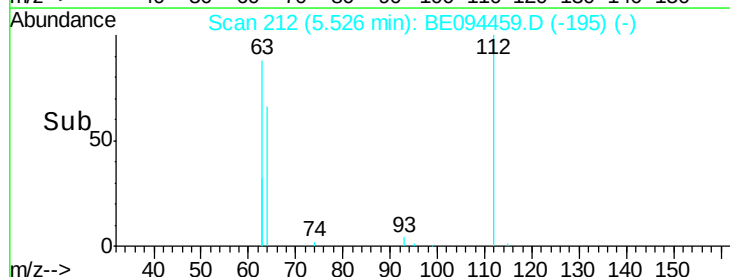
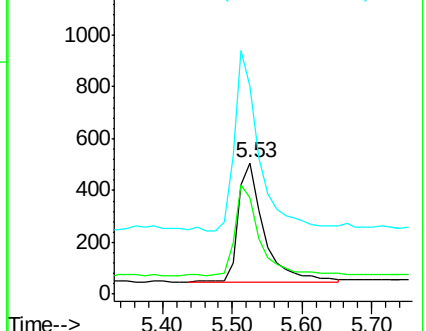
63 143.4 116.8 175.2

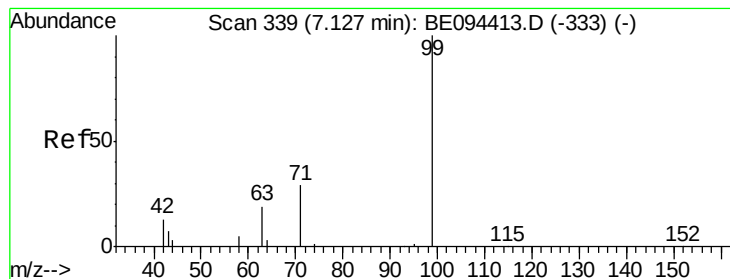


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.127 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

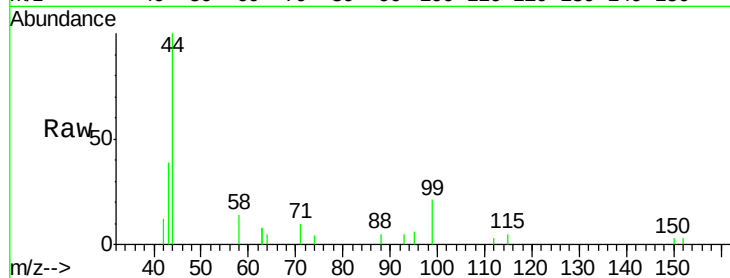
Tgt Ion: 99 Resp: 1025

Ion Ratio Lower Upper

99 100

42 18.6 20.2 30.2#

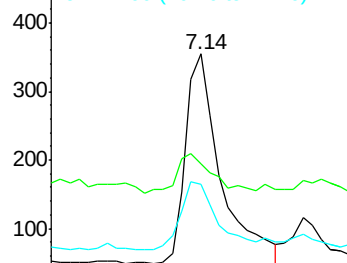
71 33.3 28.4 42.6



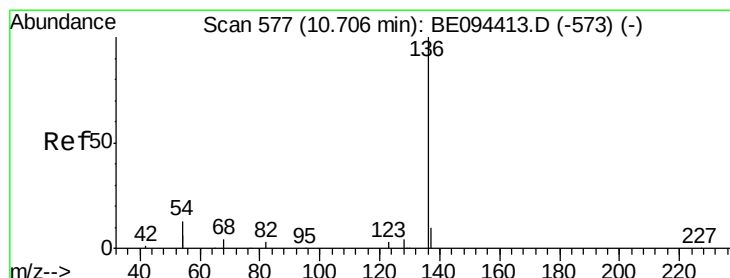
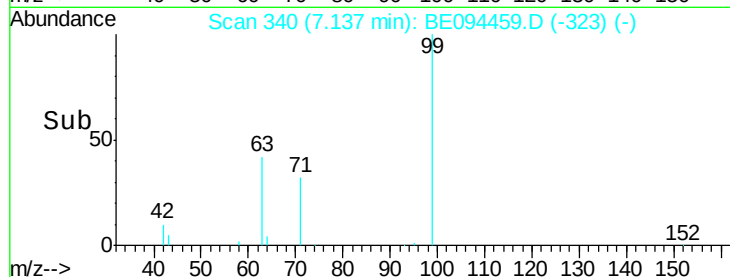
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Tgt Ion: 136 Resp: 7793

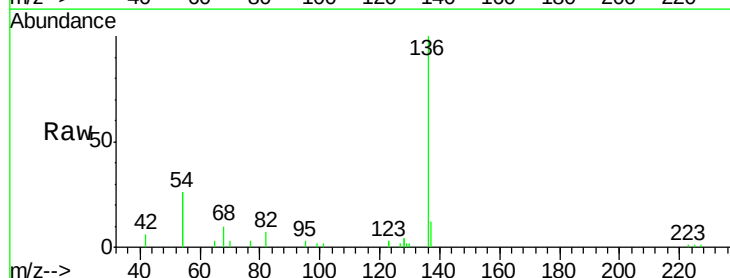
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 52.2 29.1 43.7#

68 10.3 6.2 9.2#

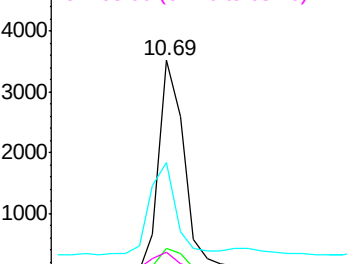


Abundance Ion 136.00 (135.70 to 136.70): E

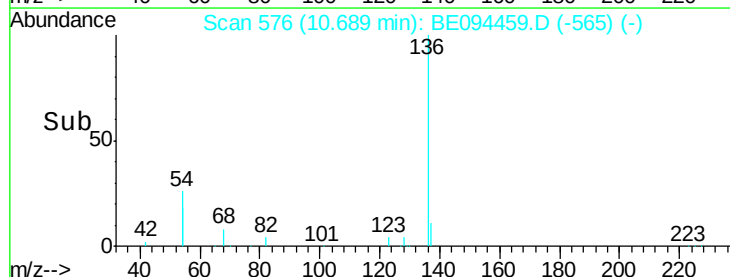
Ion 137.00 (136.70 to 137.70): E

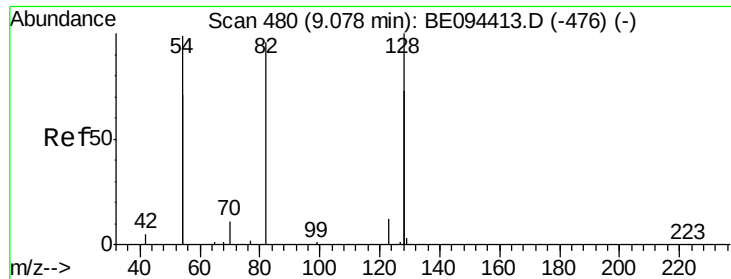
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.501 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

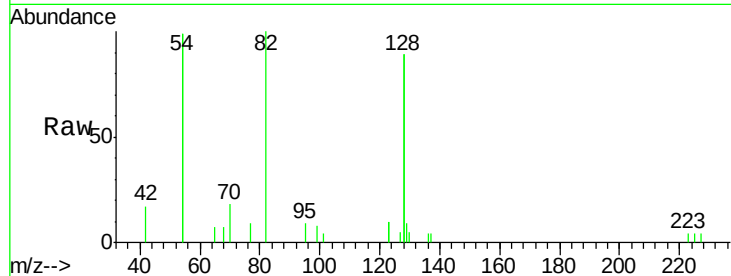
Tgt Ion: 82 Resp: 3391

Ion Ratio Lower Upper

82 100

128 178.3 150.0 225.0

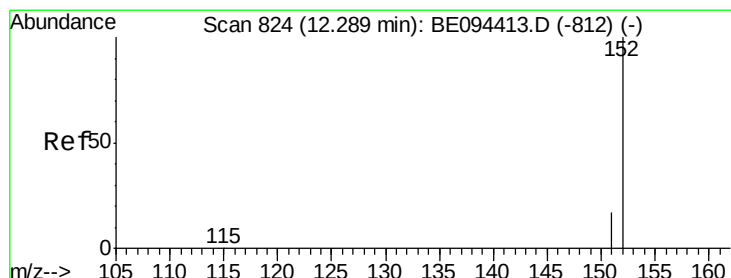
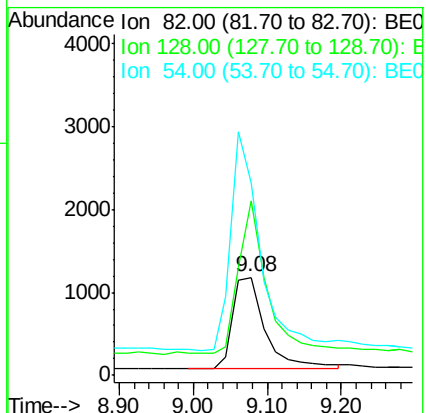
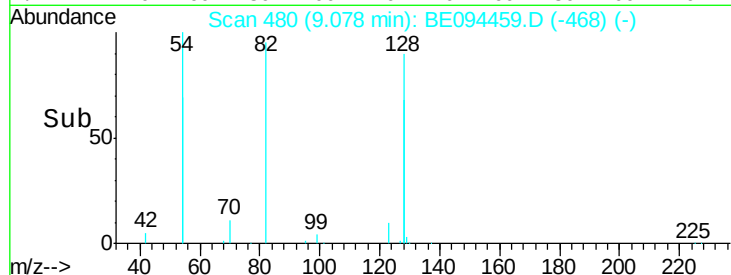
54 197.1 154.2 231.4



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: 0.499 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094459.D

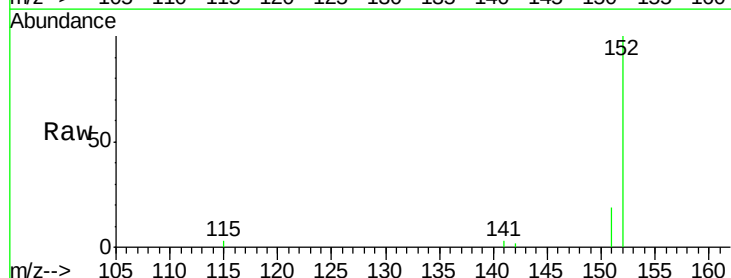
Acq: 19 Oct 2017 23:21

Tgt Ion: 152 Resp: 5992

Ion Ratio Lower Upper

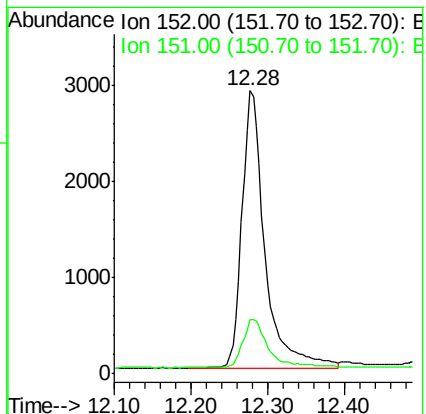
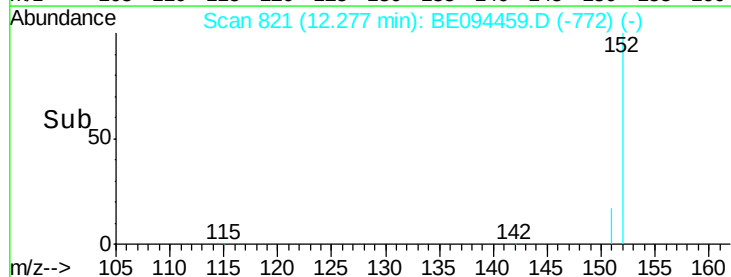
152 100

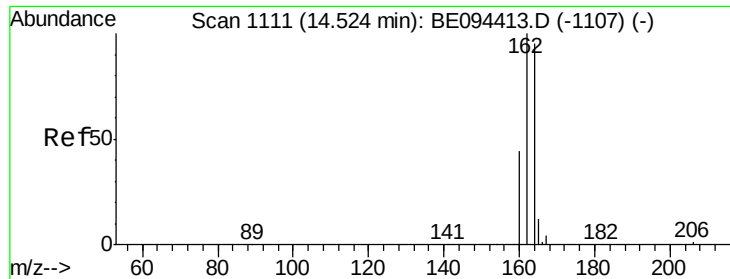
151 18.8 15.4 23.0



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: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

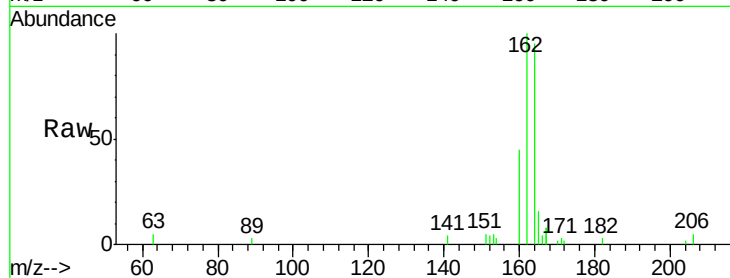
Tgt Ion:164 Resp: 4650

Ion Ratio Lower Upper

164 100

162 105.3 83.1 124.7

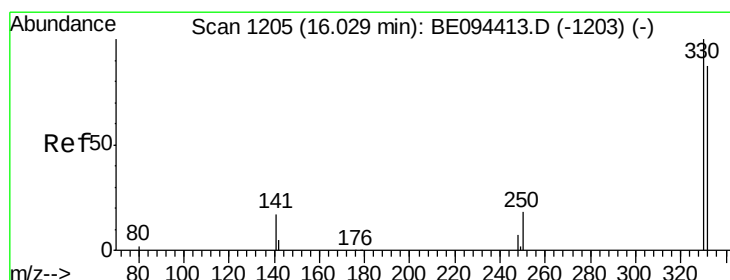
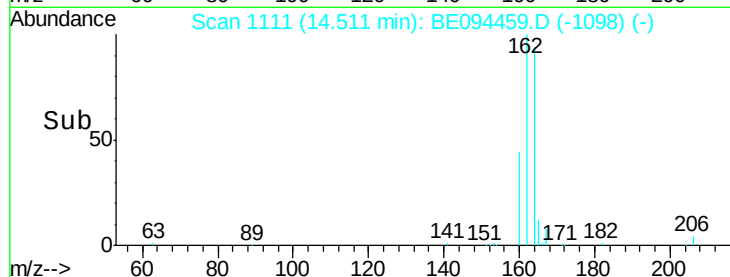
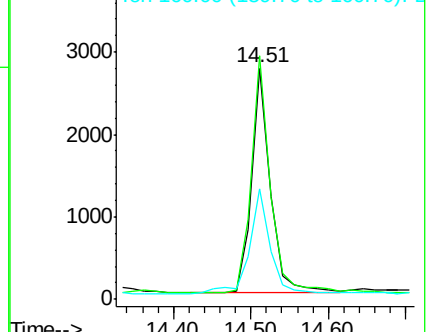
160 47.8 37.1 55.7



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: 0.347 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

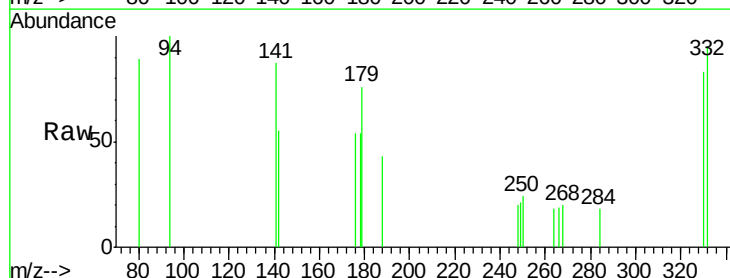
Tgt Ion:330 Resp: 614

Ion Ratio Lower Upper

330 100

332 100.3 152.7 229.1#

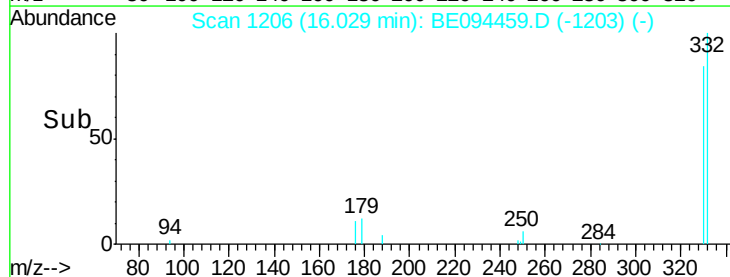
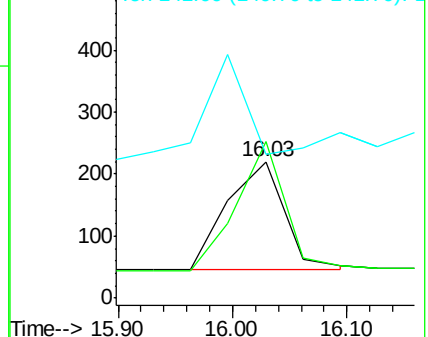
141 0.0 33.7 50.5#

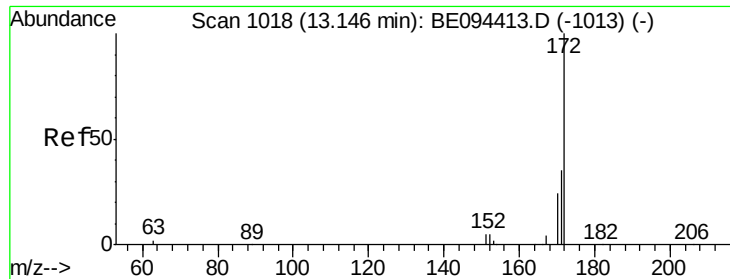


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

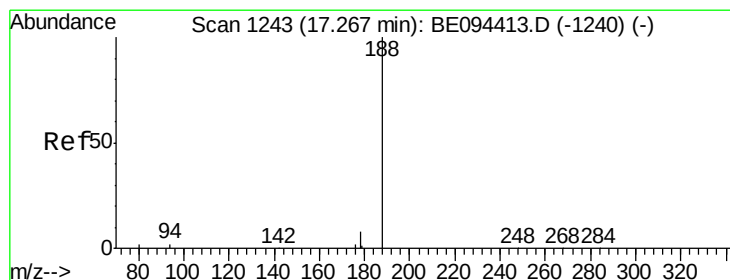
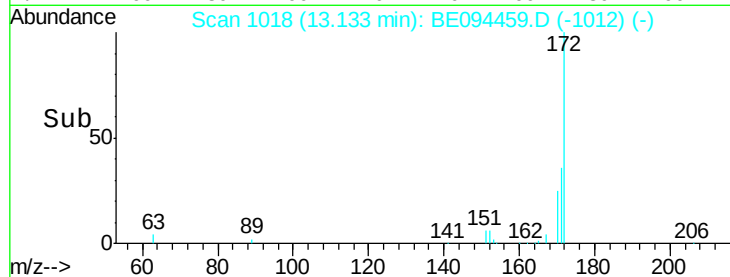
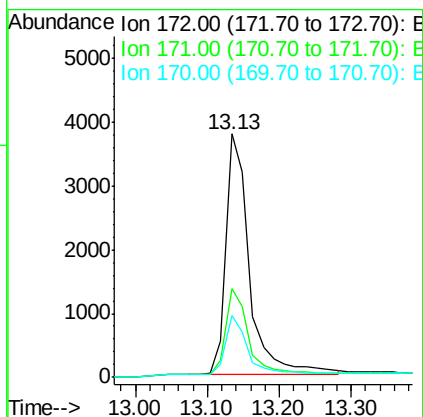
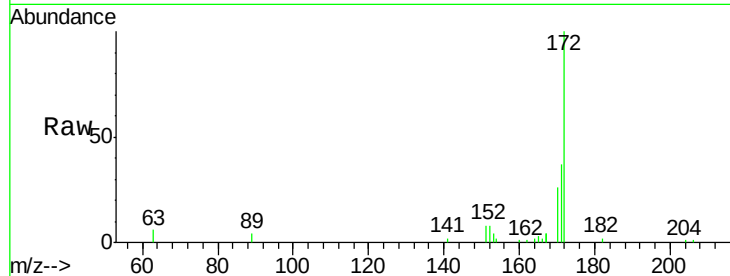




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

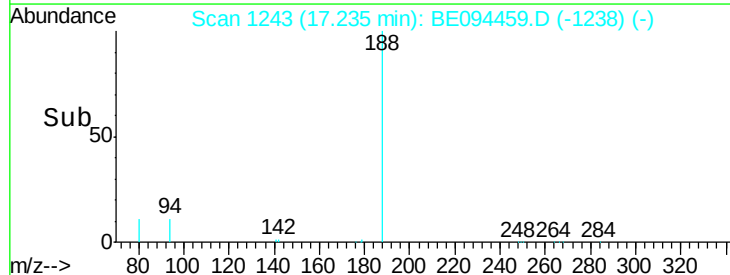
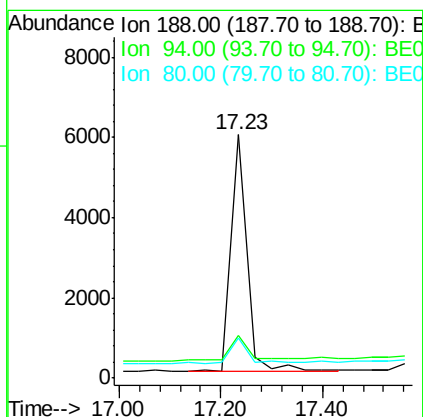
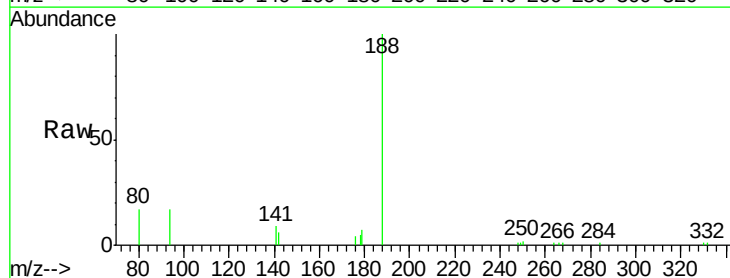
Instrument :
BNA_E
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3914-PA3

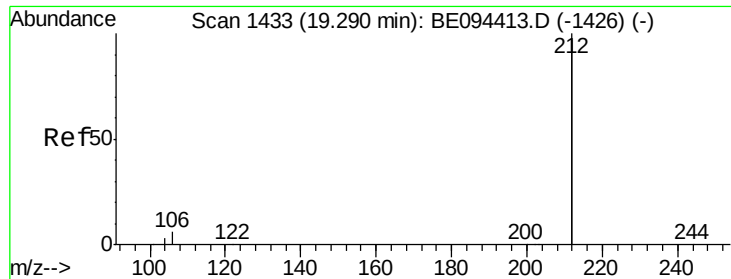
Tgt Ion:172 Resp: 8588
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094459.D
Acq: 19 Oct 2017 23:21

Tgt Ion:188 Resp: 12689
Ion Ratio Lower Upper
188 100
94 17.5 3.9 5.9#
80 16.7 3.6 5.4#

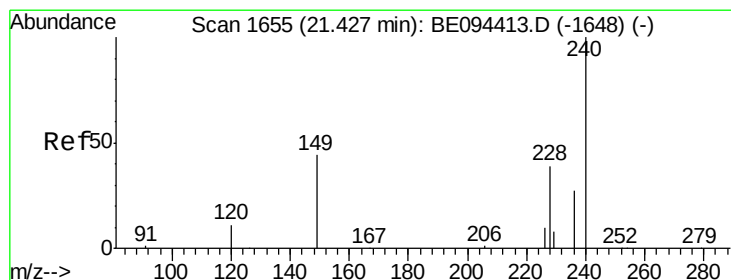
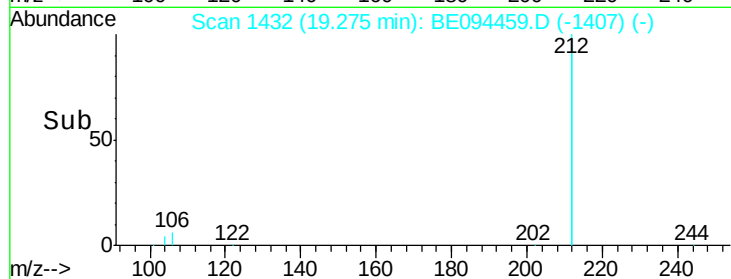
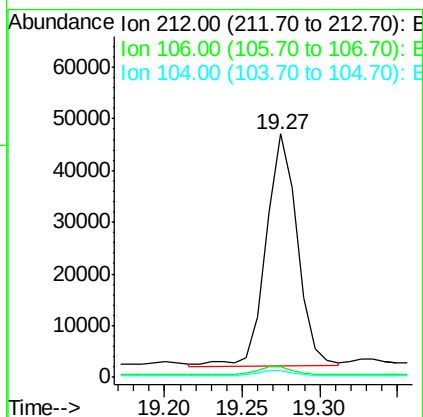
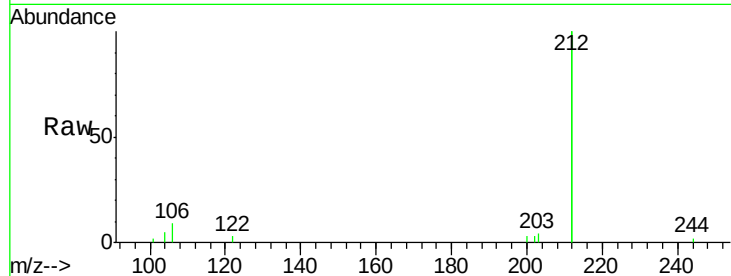




#25
 Fluoranthene-d10
 Concen: 0.307 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

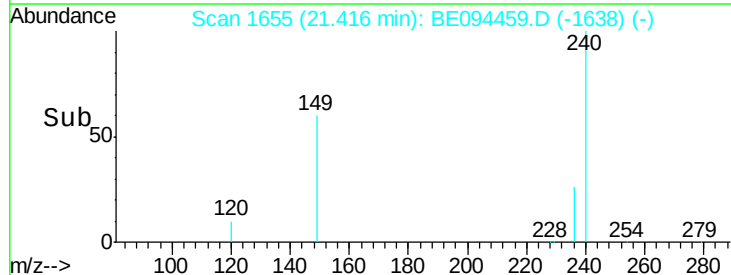
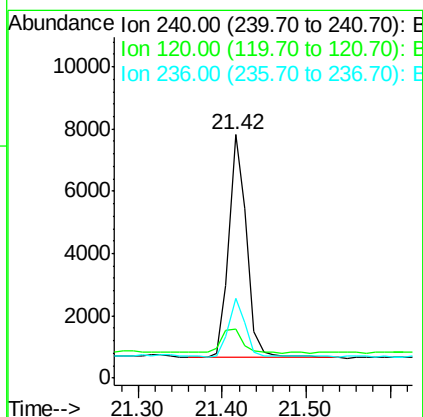
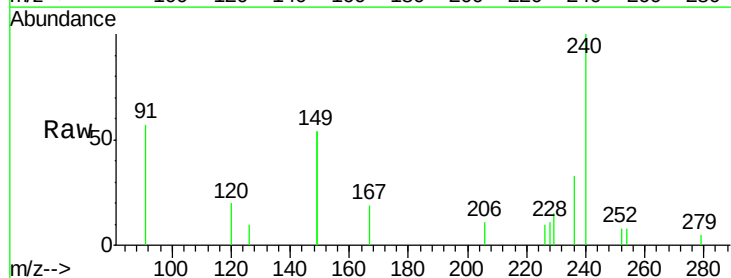
Instrument :
 BNA_E
 ClientSampleId :
 3914-PA3

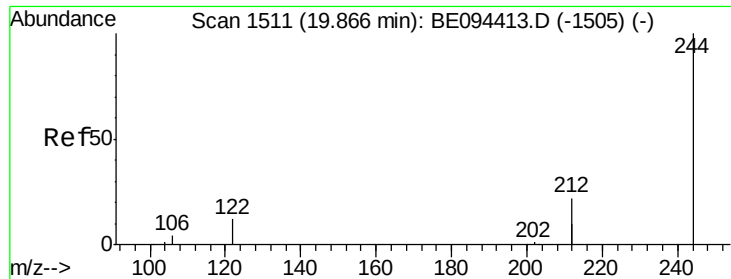
Tgt Ion: 212 Resp: 62764
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094459.D
 Acq: 19 Oct 2017 23:21

Tgt Ion: 240 Resp: 10539
 Ion Ratio Lower Upper
 240 100
 120 20.4 5.5 8.3#
 236 32.8 20.7 31.1#





#29

Terphenyl-d14

Concen: 0.579 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

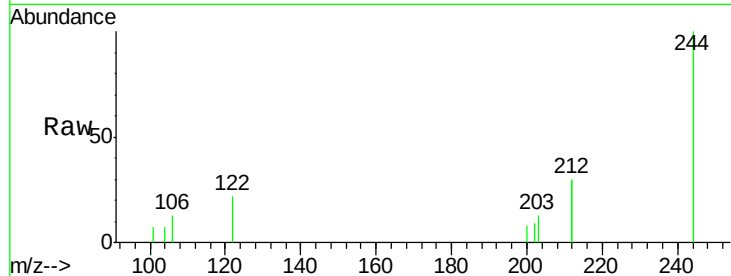
Tgt Ion:244 Resp: 12319

Ion Ratio Lower Upper

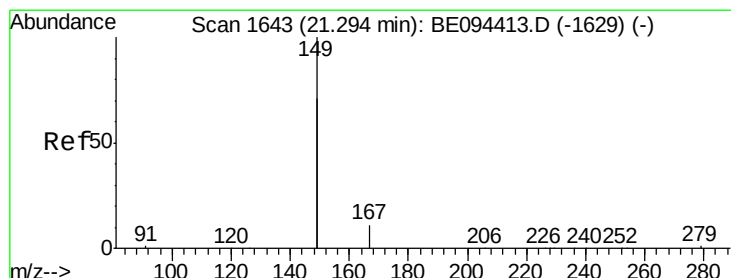
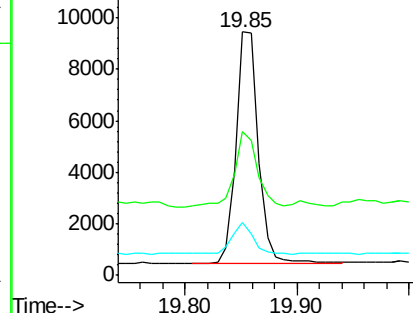
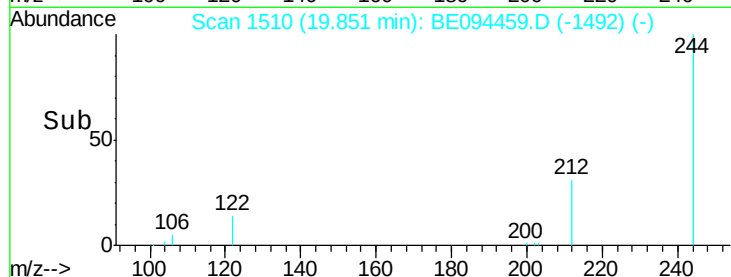
244 100

212 59.0 25.4 38.0#

122 21.9 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.068 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

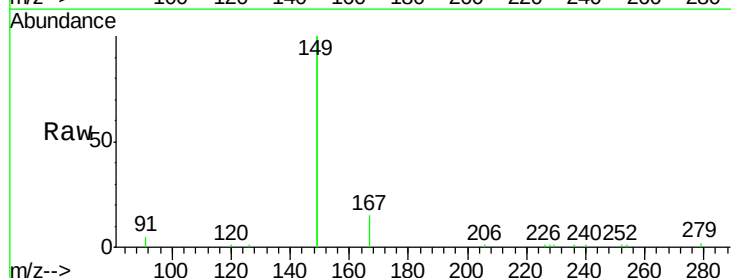
Tgt Ion:149 Resp: 217123

Ion Ratio Lower Upper

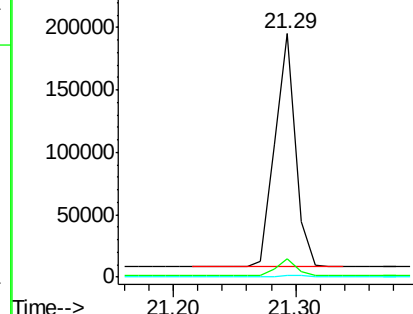
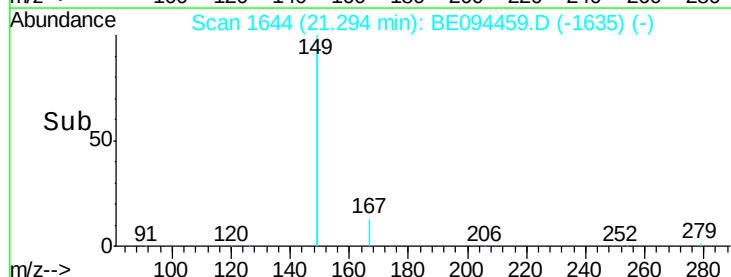
149 100

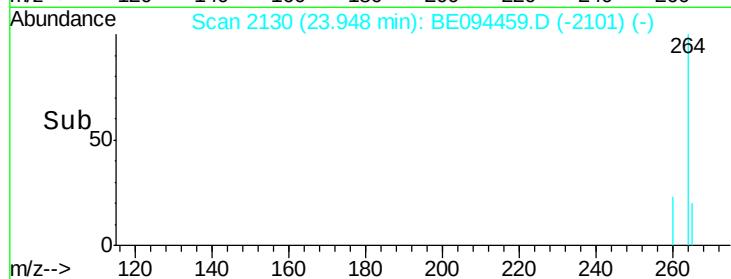
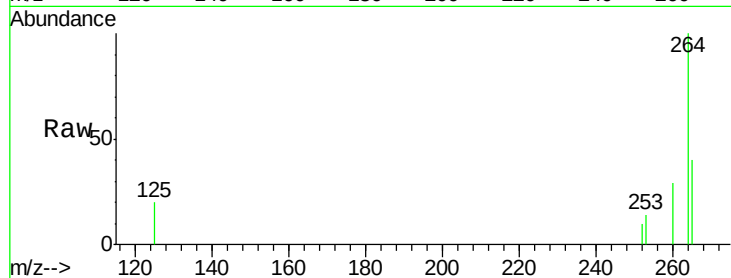
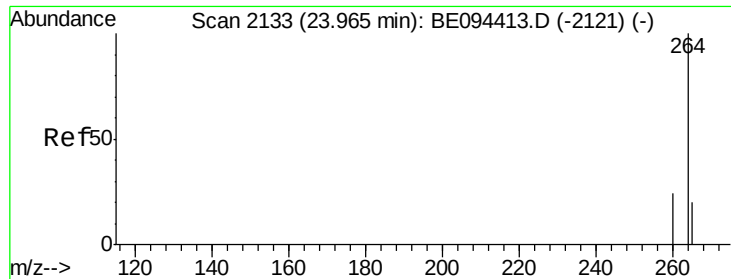
167 6.7 5.4 8.0

279 0.9 0.7 1.1



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





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BE094459.D

Acq: 19 Oct 2017 23:21

Instrument :

BNA_E

ClientSampleId :

3914-PA3

Tgt Ion: 264 Resp: 9716

Ion Ratio Lower Upper

264 100

260 28.5 20.5 30.7

265 39.9 22.8 34.2

