

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094458.D
 Acq On : 19 Oct 2017 22:42
 Operator : SJ/JU
 Sample : I5819-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3911-SPP4

Quant Time: Oct 20 13:54:54 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

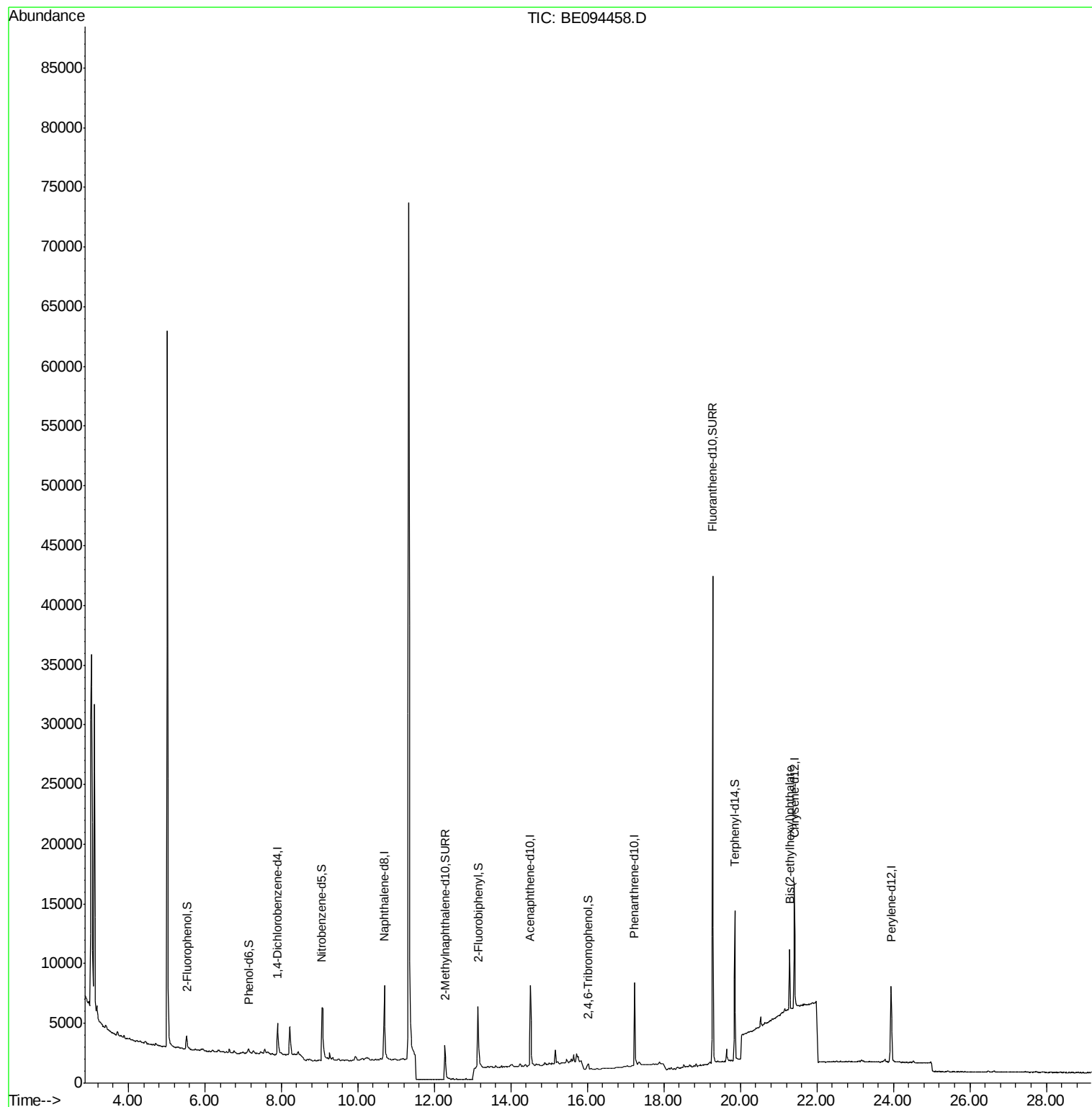
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1468	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	7714	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4607	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	12462	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	10707	0.40	ng	-0.01
34) Perylene-d12	23.94	264	10069	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	981	0.20	ng	0.00
5) Phenol-d6	7.14	99	857	0.11	ng	0.00
8) Nitrobenzene-d5	9.06	82	2820	0.42	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	5215	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	524	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7417	0.45	ng	0.00
25) Fluoranthene-d10	19.28	212	54417	0.27	ng	-0.01
29) Terphenyl-d14	19.85	244	10985	0.51	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	6485	0.061	ng	# 99

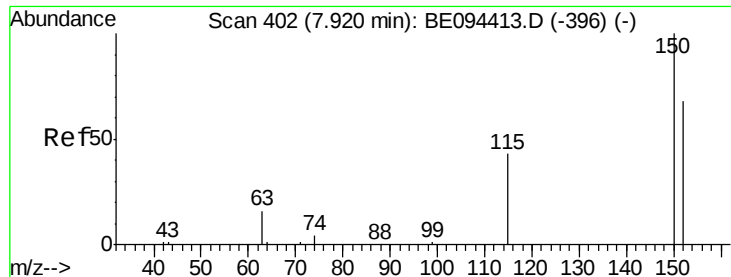
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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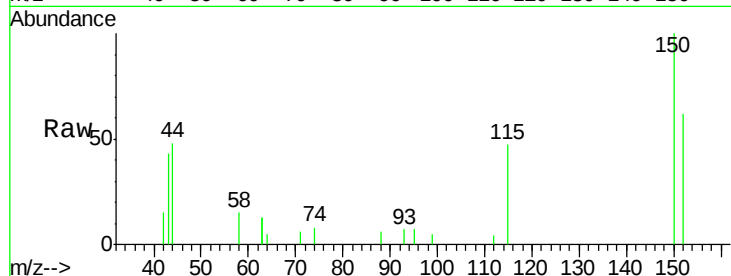


#1

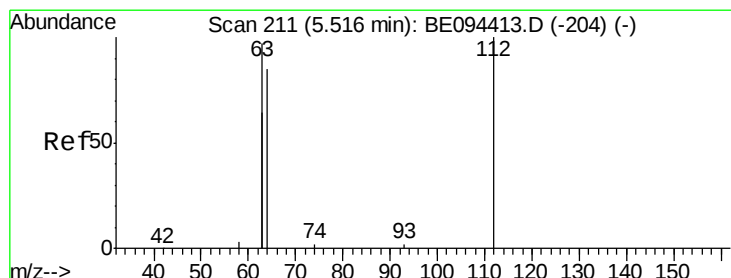
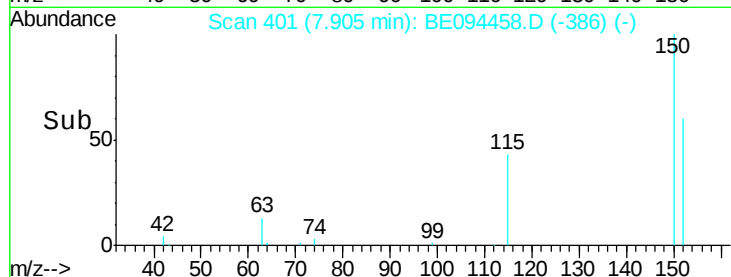
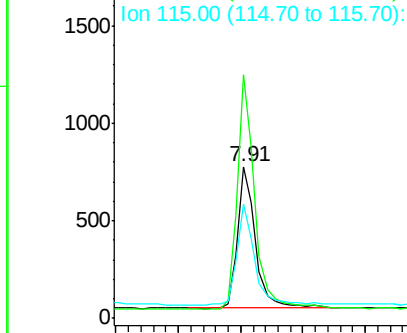
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094458.D
Acq: 19 Oct 2017 22:42

Instrument :
BNA_E
ClientSampleId :
3911-SPP4

Tgt Ion:152 Resp: 1468
Ion Ratio Lower Upper
152 100
150 160.5 117.2 175.8
115 75.4 57.0 85.6



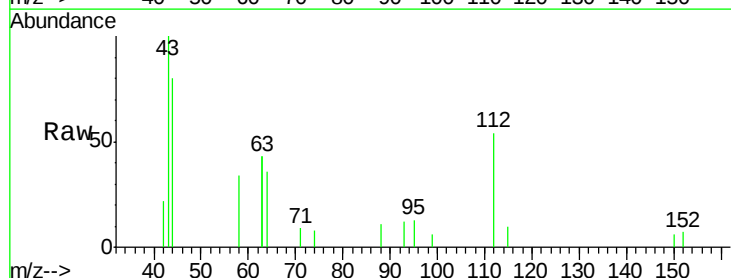
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



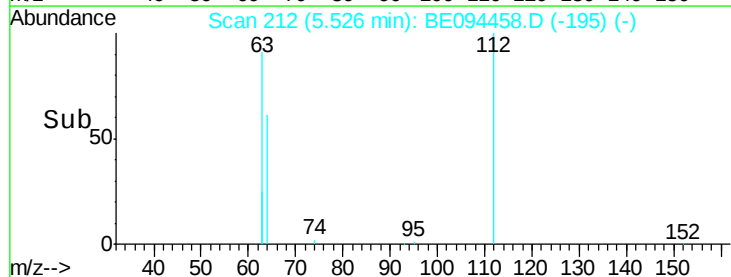
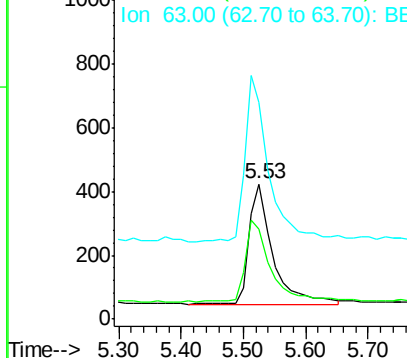
#4

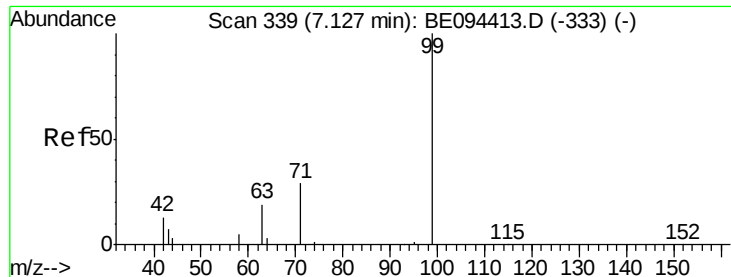
2-Fluorophenol
Concen: 0.198 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094458.D
Acq: 19 Oct 2017 22:42

Tgt Ion:112 Resp: 981
Ion Ratio Lower Upper
112 100
64 72.0 60.1 90.1
63 138.4 116.8 175.2



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: 0.111 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Instrument :

BNA_E

ClientSampleId :

3911-SPP4

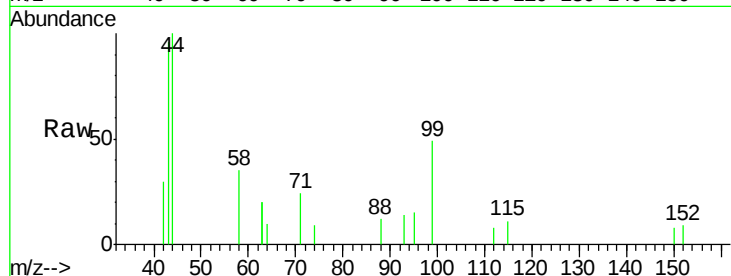
Tgt Ion: 99 Resp: 857

Ion Ratio Lower Upper

99 100

42 16.5 20.2 30.2#

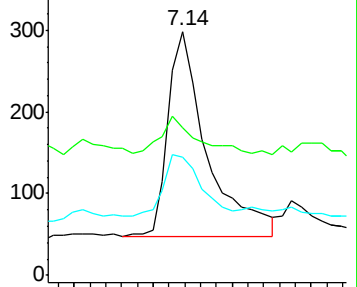
71 28.7 28.4 42.6



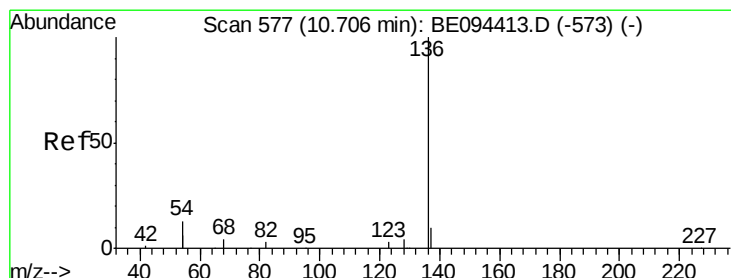
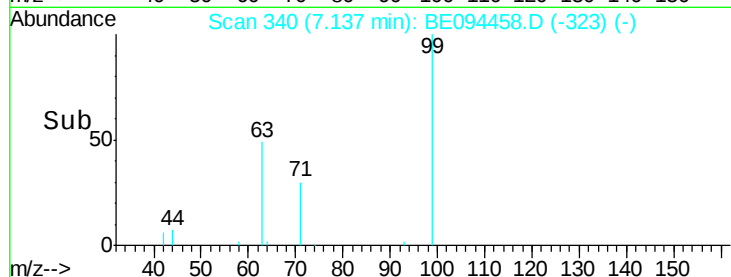
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Tgt Ion: 136 Resp: 7714

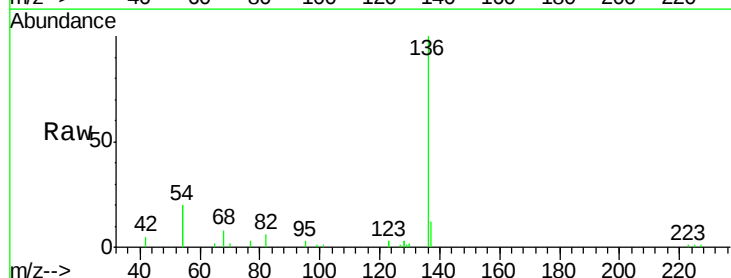
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 39.5 29.1 43.7

68 8.4 6.2 9.2

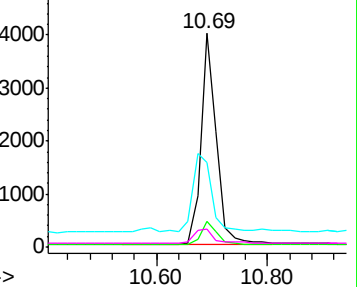


Abundance Ion 136.00 (135.70 to 136.70): E

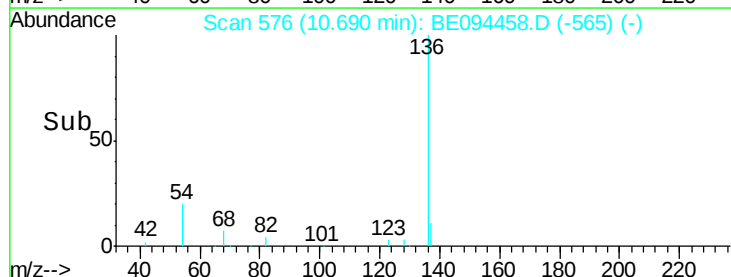
Ion 137.00 (136.70 to 137.70): E

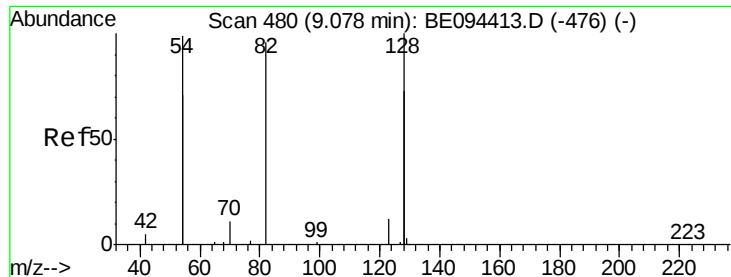
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.421 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Instrument :

BNA_E

ClientSampleId :

3911-SPP4

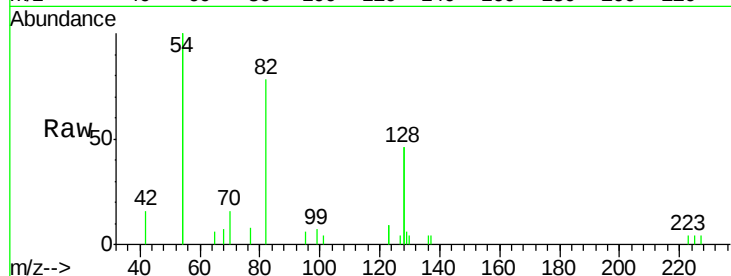
Tgt Ion: 82 Resp: 2820

Ion Ratio Lower Upper

82 100

128 117.2 150.0 225.0#

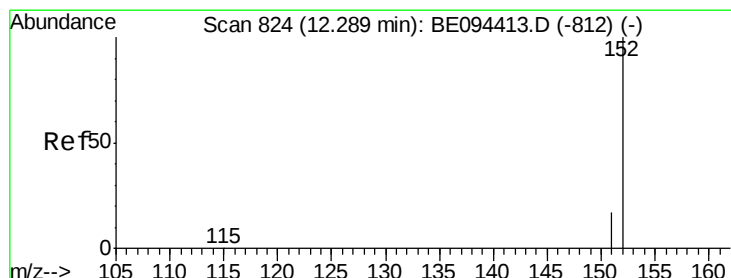
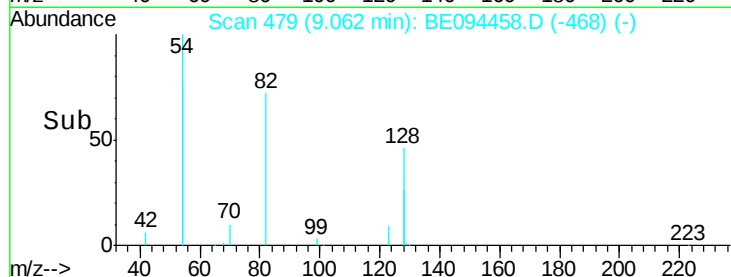
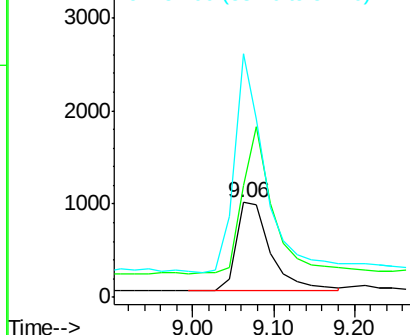
54 256.6 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094413.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE094413.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE094413.D (-476) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094458.D

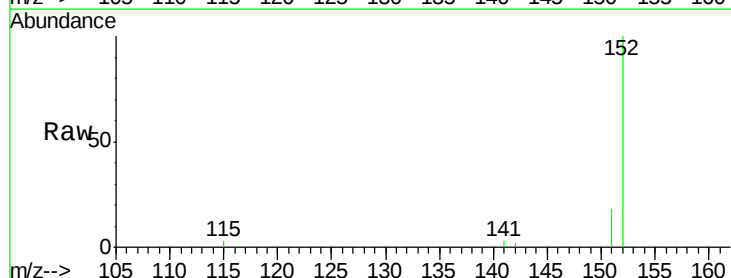
Acq: 19 Oct 2017 22:42

Tgt Ion: 152 Resp: 5215

Ion Ratio Lower Upper

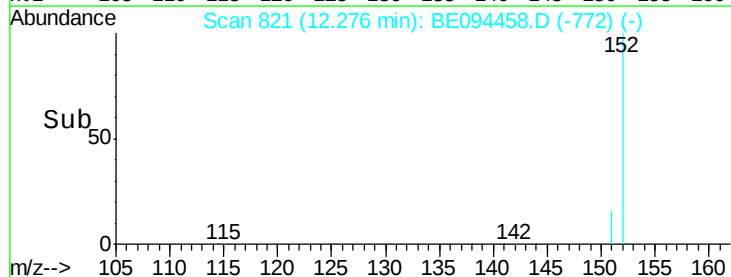
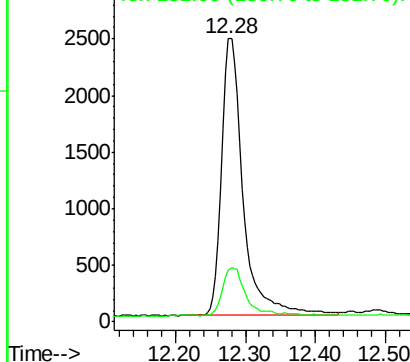
152 100

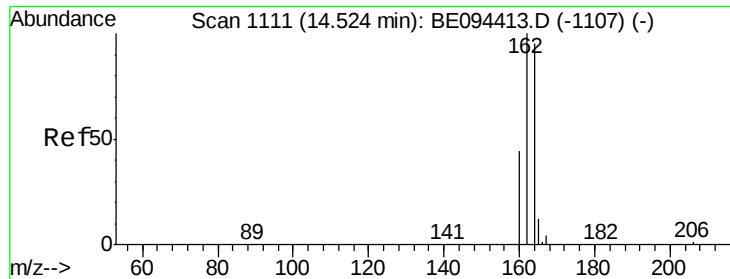
151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094413.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE094413.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Instrument :

BNA_E

ClientSampleId :

3911-SPP4

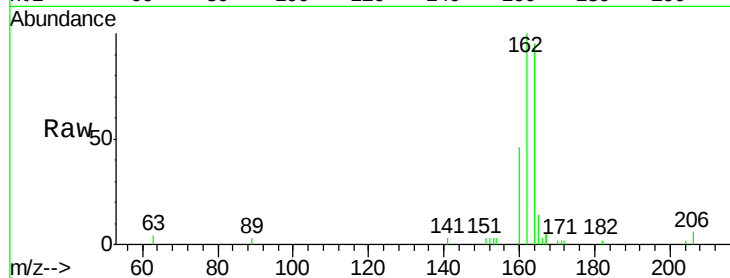
Tgt Ion:164 Resp: 4607

Ion Ratio Lower Upper

164 100

162 105.2 83.1 124.7

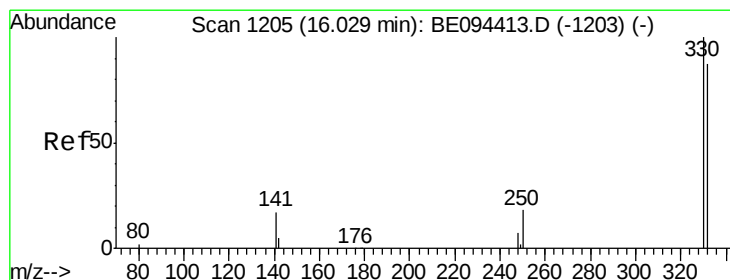
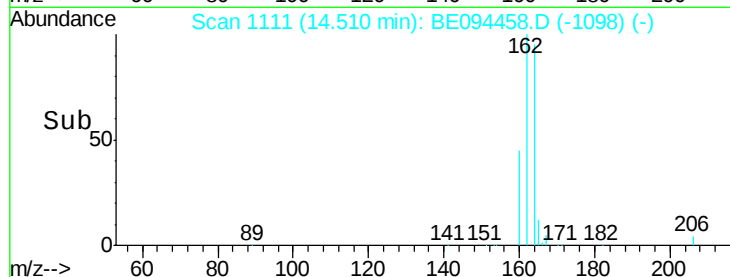
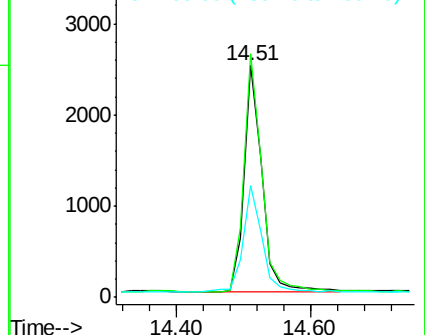
160 48.6 37.1 55.7



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: 0.299 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

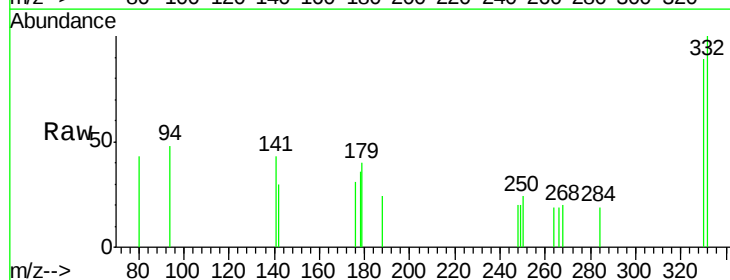
Tgt Ion:330 Resp: 524

Ion Ratio Lower Upper

330 100

332 103.4 152.7 229.1#

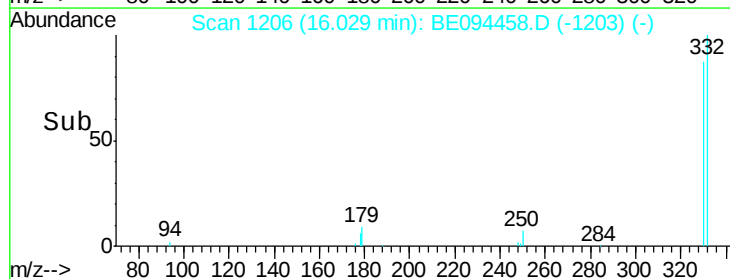
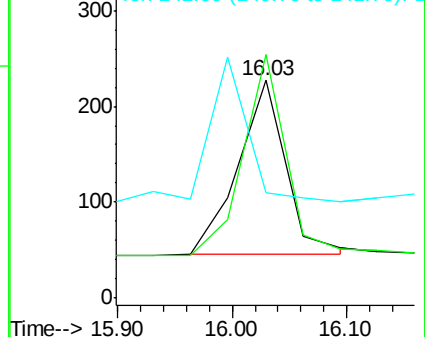
141 0.0 33.7 50.5#

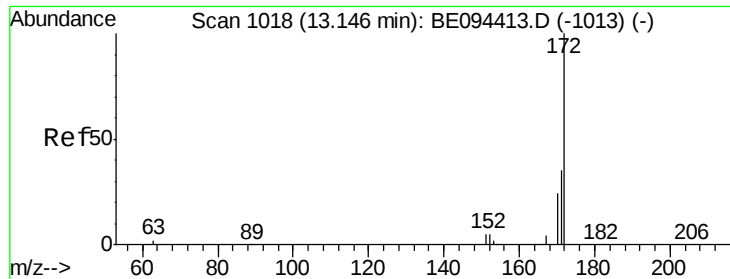


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

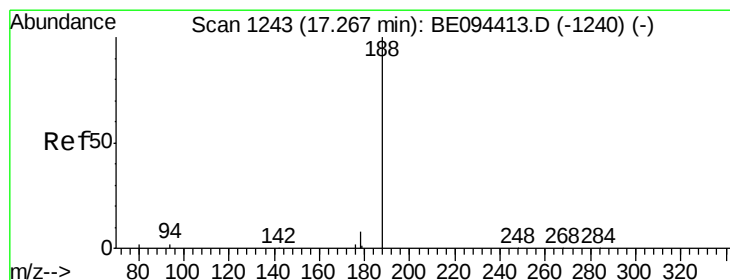
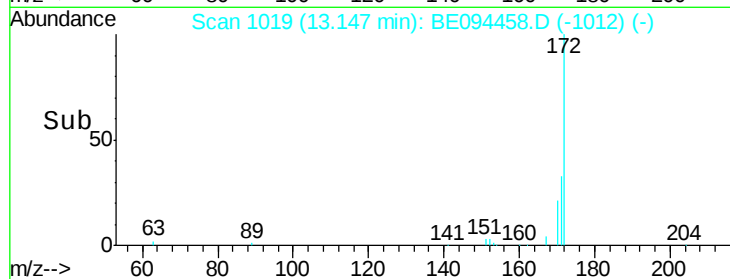
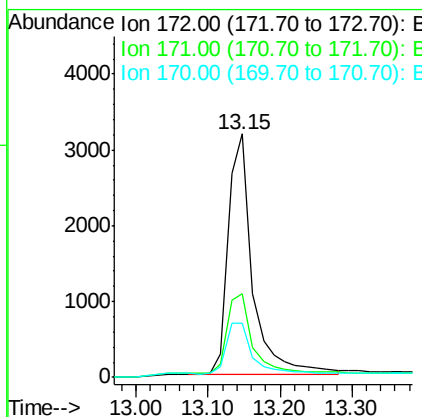
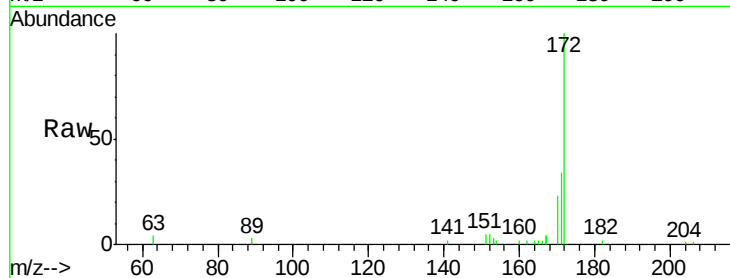




#15
 2-Fluorobiphenyl
 Concen: 0.451 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094458.D
 Acq: 19 Oct 2017 22:42

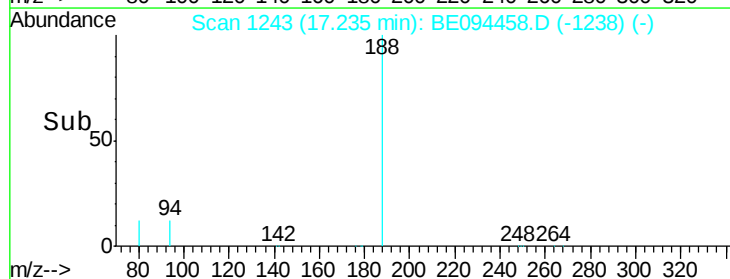
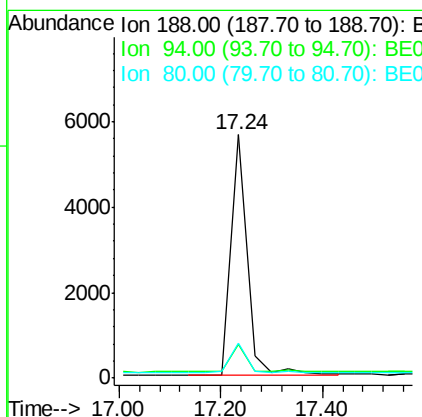
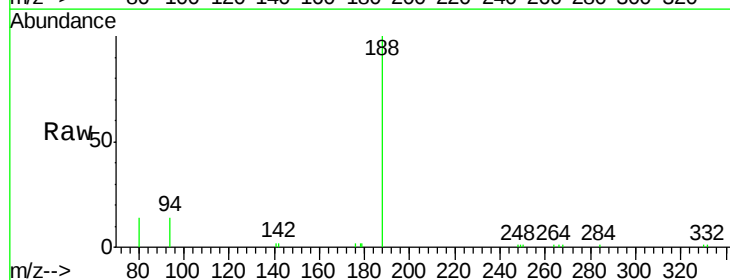
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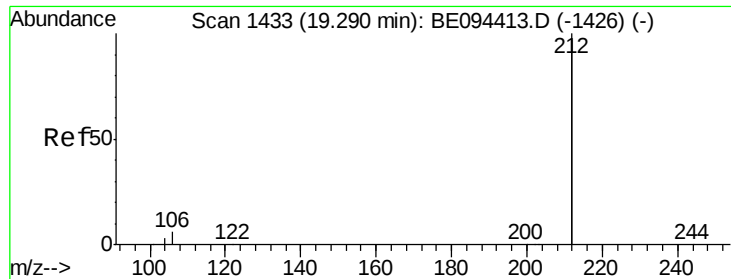
Tgt Ion:172 Resp: 7417
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.9 44.9
 170 22.5 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094458.D
 Acq: 19 Oct 2017 22:42

Tgt Ion:188 Resp: 12462
 Ion Ratio Lower Upper
 188 100
 94 14.0 3.9 5.9#
 80 14.1 3.6 5.4#

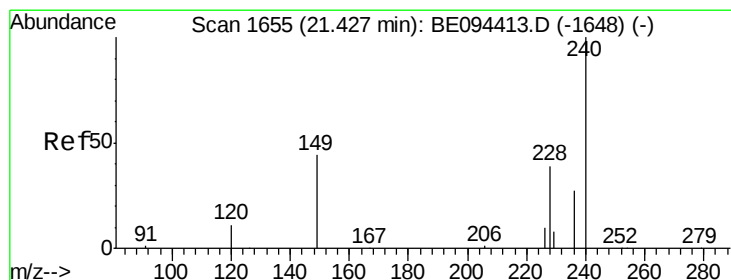
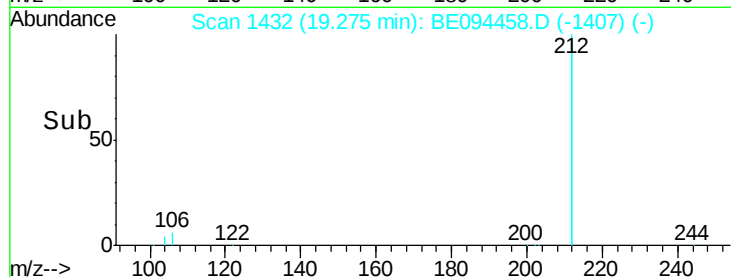
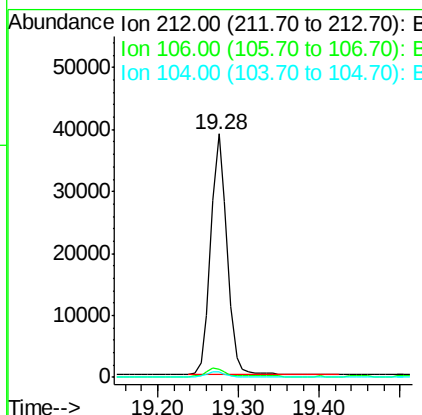
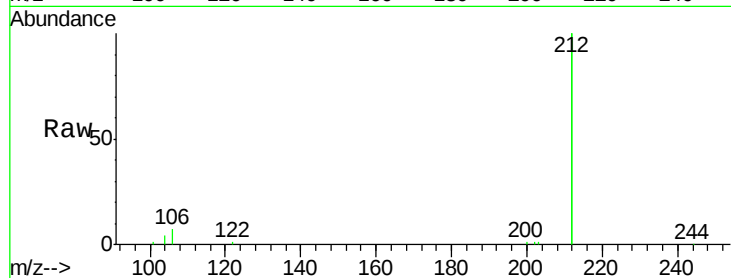




#25
 Fluoranthene-d10
 Concen: 0.271 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE094458.D
 Acq: 19 Oct 2017 22:42

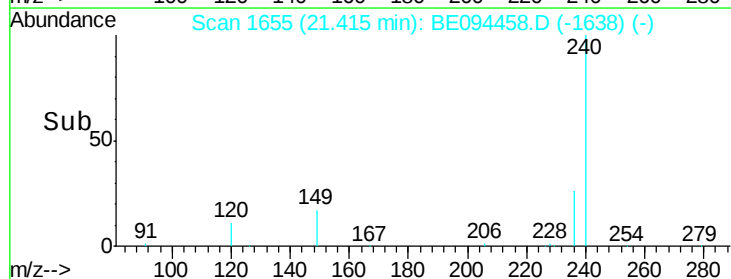
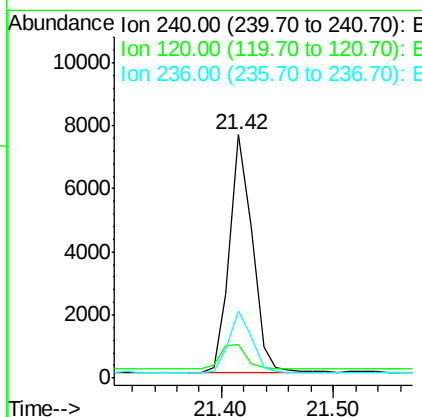
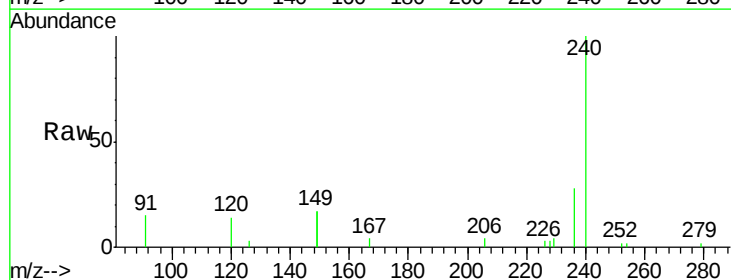
Instrument :
 BNA_E
 ClientSampleId :
 3911-SPP4

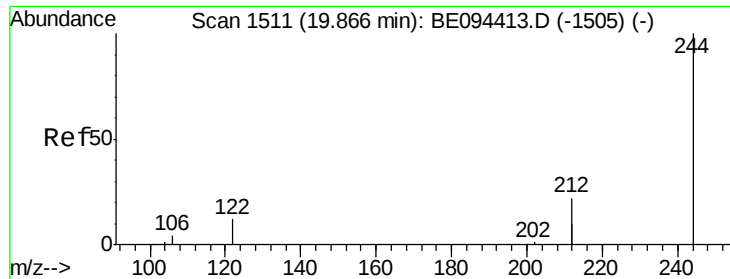
Tgt Ion: 212 Resp: 54417
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094458.D
 Acq: 19 Oct 2017 22:42

Tgt Ion: 240 Resp: 10707
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.5 8.3#
 236 27.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.508 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Instrument :

BNA_E

ClientSampled :

3911-SPP4

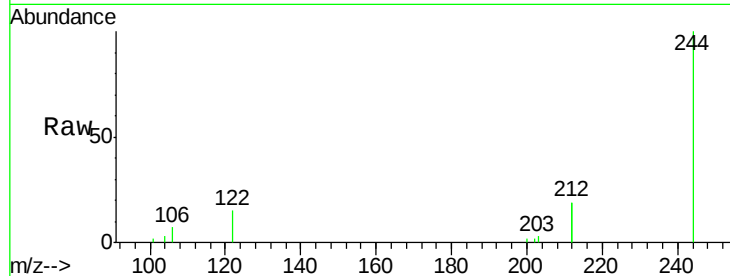
Tgt Ion:244 Resp: 10985

Ion Ratio Lower Upper

244 100

212 38.5 25.4 38.0#

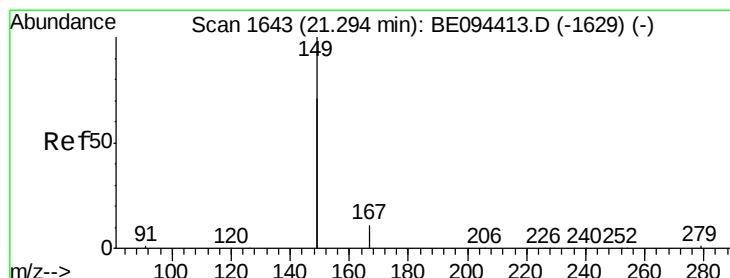
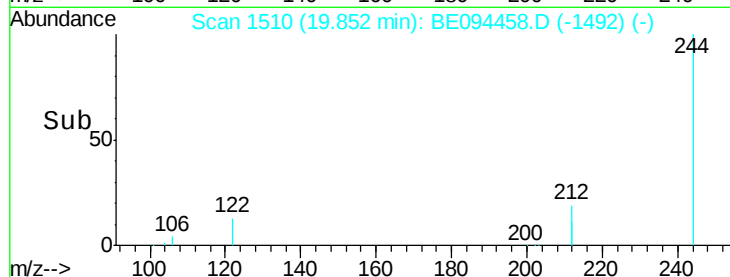
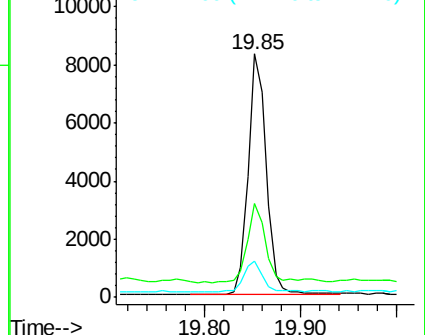
122 15.1 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.061 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

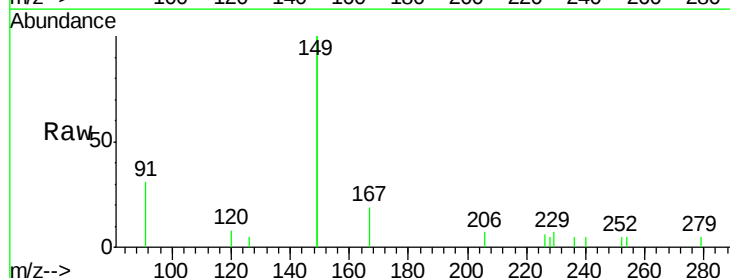
Tgt Ion:149 Resp: 6485

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

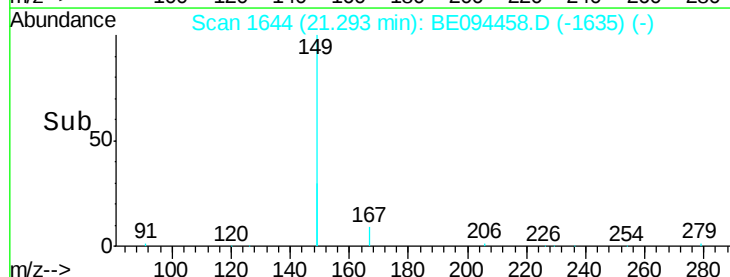
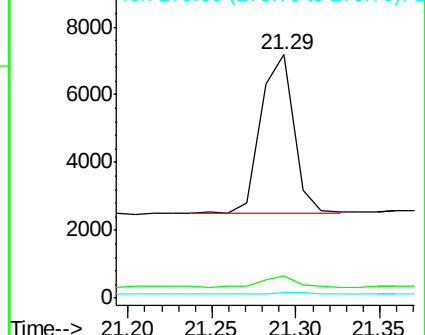
279 1.2 0.7 1.1#

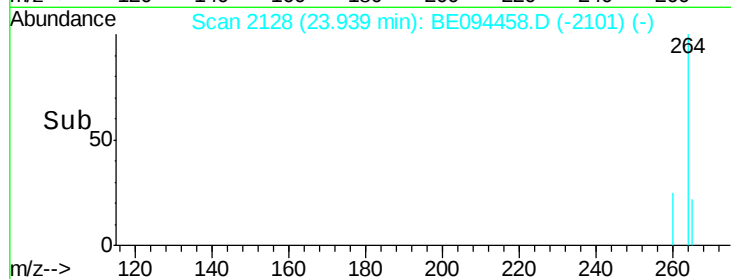
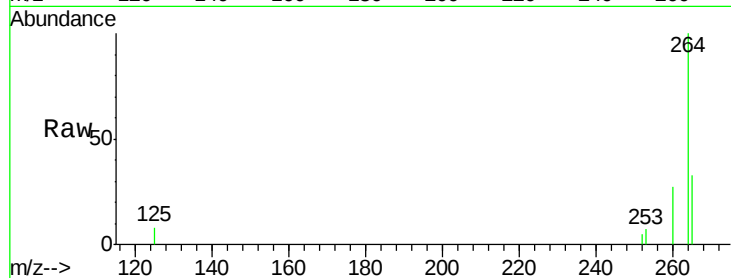
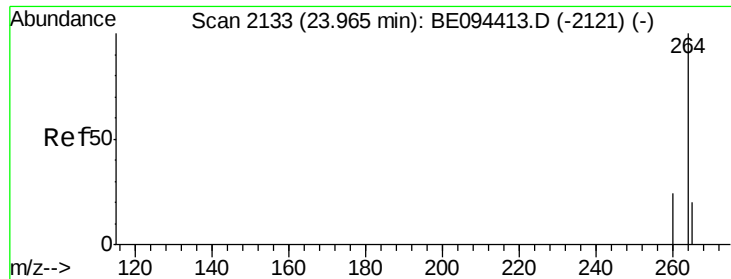


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BE094458.D

Acq: 19 Oct 2017 22:42

Instrument :

BNA_E

ClientSampleId :

3911-SPP4

Tgt Ion: 264 Resp: 10069

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 33.2 22.8 34.2

