

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094461.D
 Acq On : 20 Oct 2017 00:32
 Operator : SJ/JU
 Sample : I5819-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3916-DB

Quant Time: Oct 20 13:58:15 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

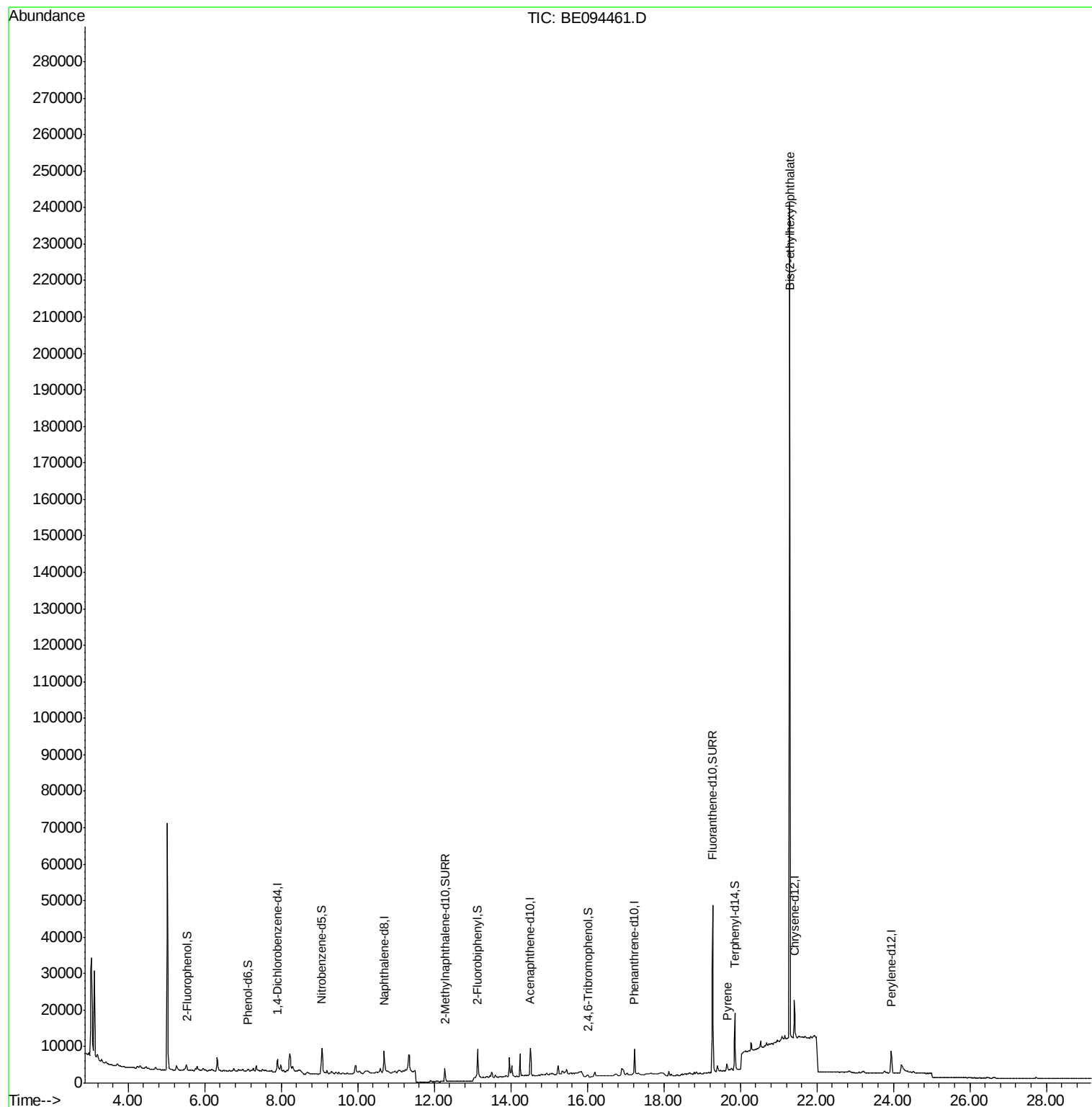
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1443	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	7420	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4485	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	12042	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	9932	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9355	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1066	0.22	ng	0.01
5) Phenol-d6	7.11	99	1040	0.14	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3286	0.51	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	5640	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	591	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7977	0.50	ng	-0.01
25) Fluoranthene-d10	19.27	212	56110	0.29	ng	-0.01
29) Terphenyl-d14	19.85	244	12942	0.65	ng	-0.01
Target Compounds						
28) Pyrene	19.66	202	1670	0.045	ng	Qvalue # 86
32) Bis(2-ethylhexyl)phthalate	21.29	149	263150	2.660	ng	100

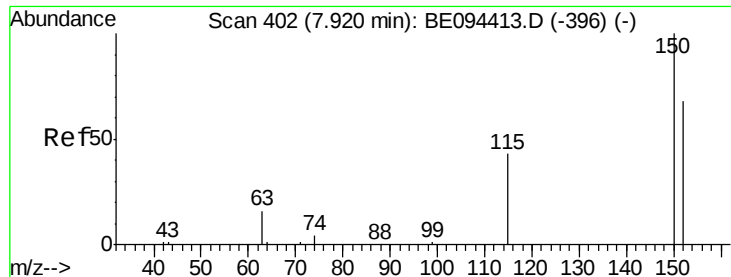
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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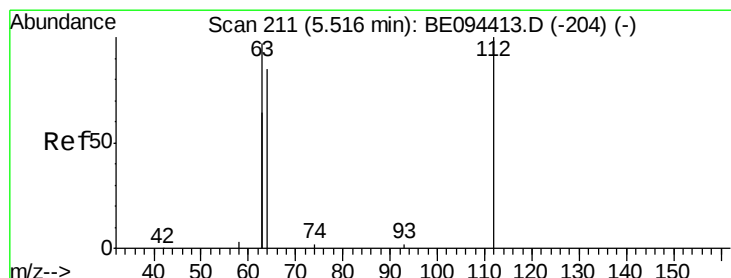
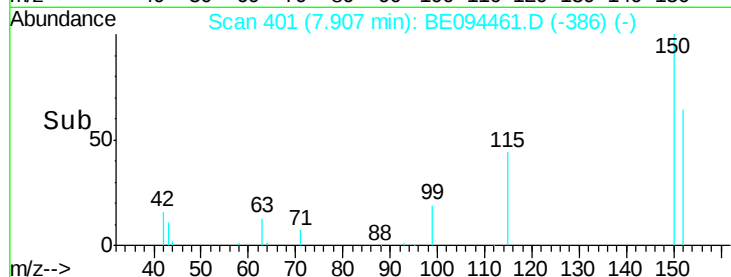
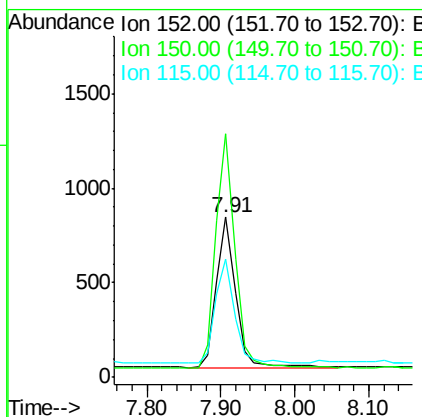
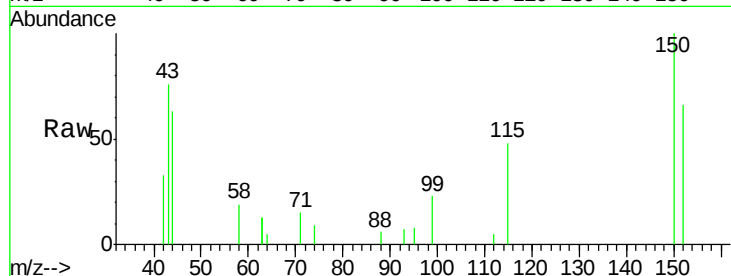




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BE094461.D
 Acq: 20 Oct 2017 00:32

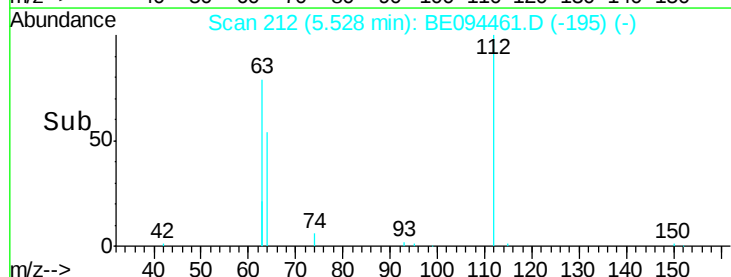
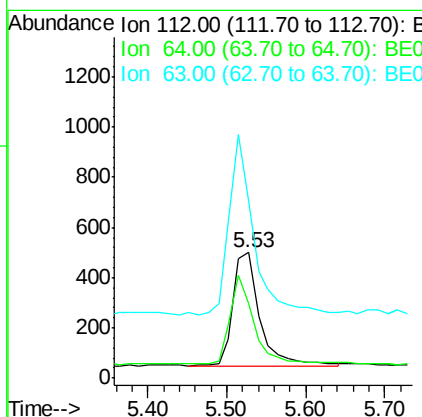
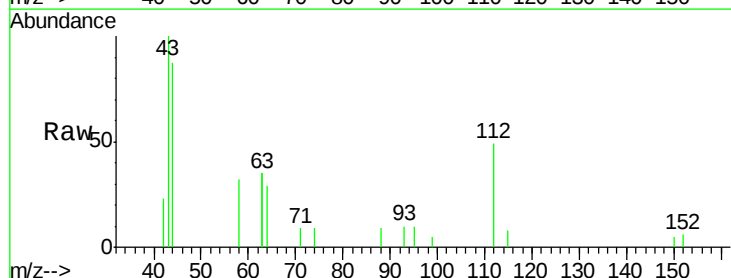
Instrument :
 BNA_E
 ClientSampleId :
 3916-DB

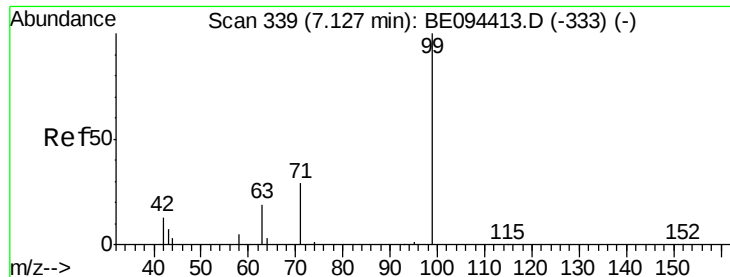
Tgt Ion:152 Resp: 1443
 Ion Ratio Lower Upper
 152 100
 150 152.1 117.2 175.8
 115 73.4 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.219 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094461.D
 Acq: 20 Oct 2017 00:32

Tgt Ion:112 Resp: 1066
 Ion Ratio Lower Upper
 112 100
 64 69.4 60.1 90.1
 63 144.8 116.8 175.2





#5

Phenol-d6

Concen: 0.137 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

BNA_E

ClientSampleId :

3916-DB

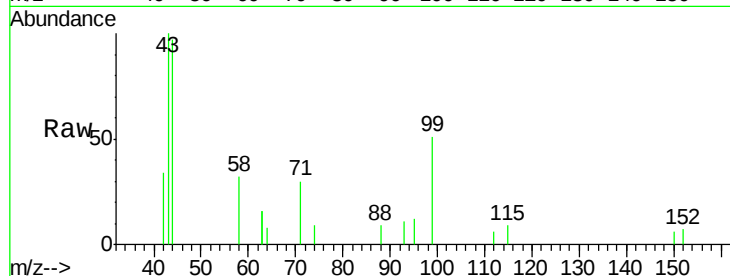
Tgt Ion: 99 Resp: 1040

Ion Ratio Lower Upper

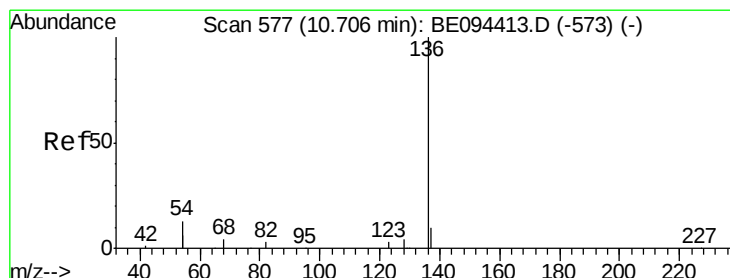
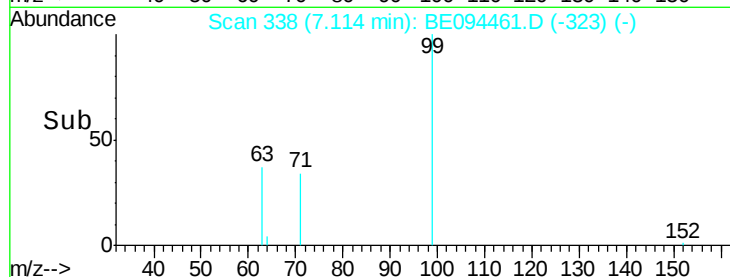
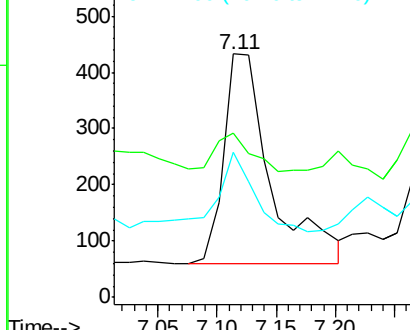
99 100

42 14.4 20.2 30.2#

71 33.1 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. -0.02 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Tgt Ion: 136 Resp: 7420

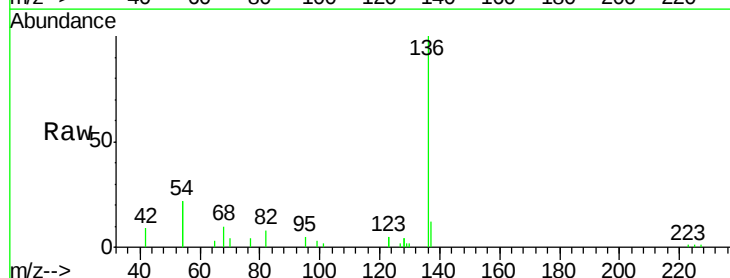
Ion Ratio Lower Upper

136 100

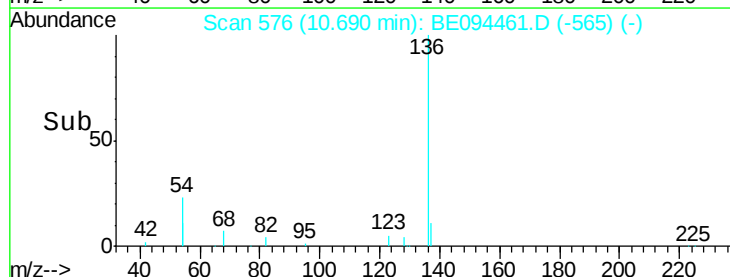
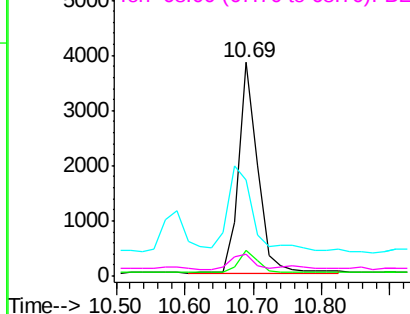
137 11.9 9.5 14.3

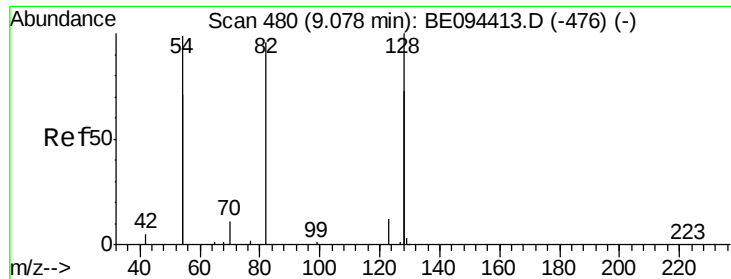
54 44.9 29.1 43.7#

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





#8

Nitrobenzene-d5

Concen: 0.510 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

BNA_E

ClientSampleId :

3916-DB

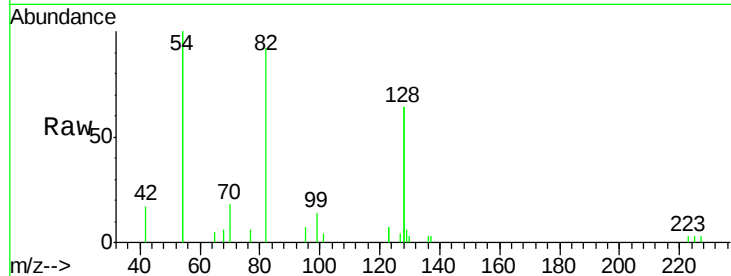
Tgt Ion: 82 Resp: 3286

Ion Ratio Lower Upper

82 100

128 138.3 150.0 225.0#

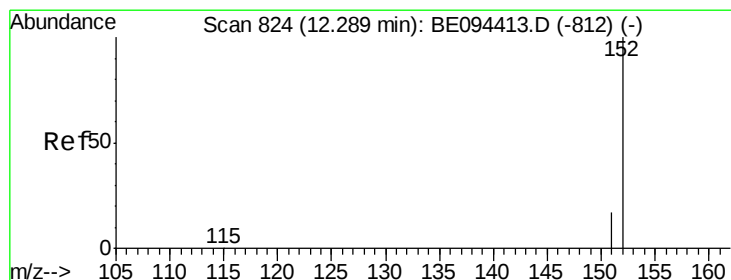
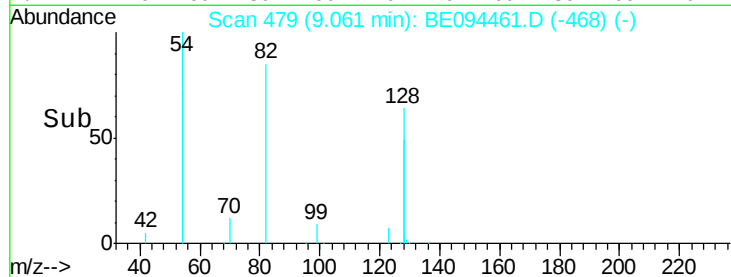
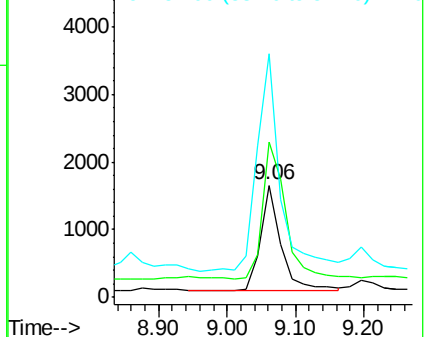
54 216.9 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094461.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094461.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094461.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.493 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094461.D

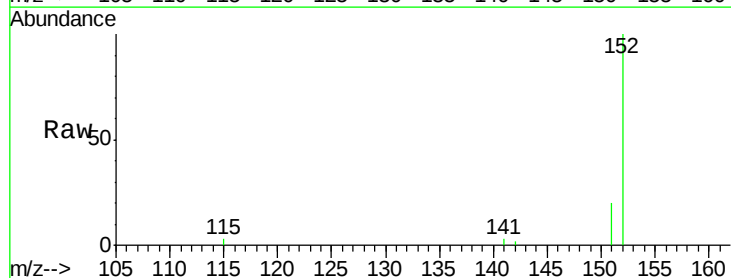
Acq: 20 Oct 2017 00:32

Tgt Ion: 152 Resp: 5640

Ion Ratio Lower Upper

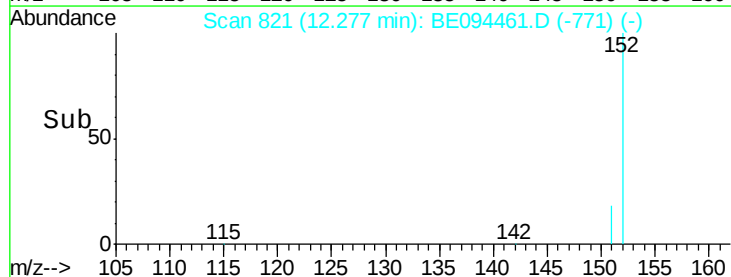
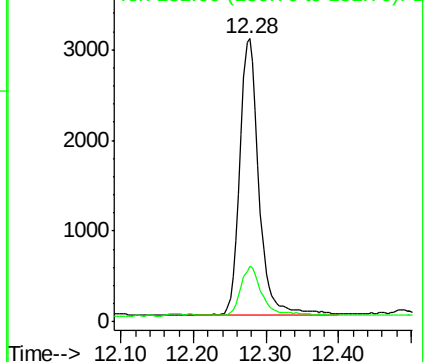
152 100

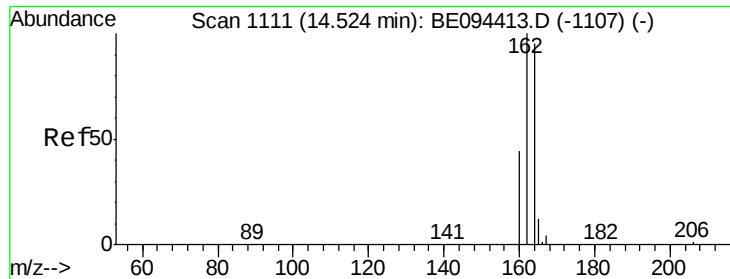
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094461.D (-771) (-)

Ion 151.00 (150.70 to 151.70): BE094461.D (-771) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

BNA_E

ClientSampleId :

3916-DB

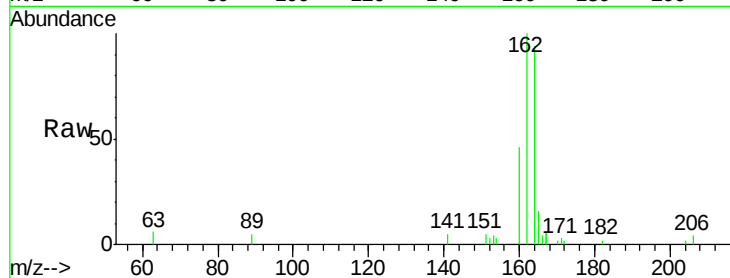
Tgt Ion:164 Resp: 4485

Ion Ratio Lower Upper

164 100

162 106.3 83.1 124.7

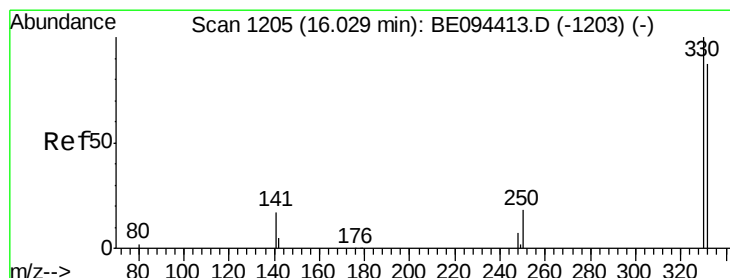
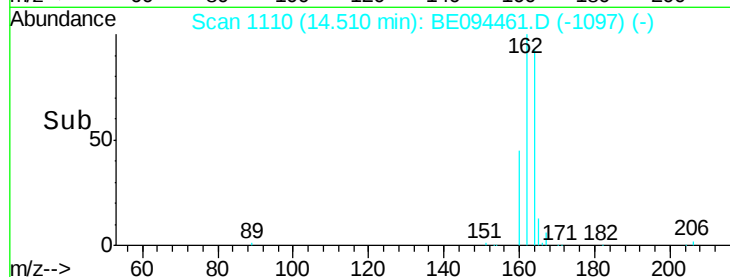
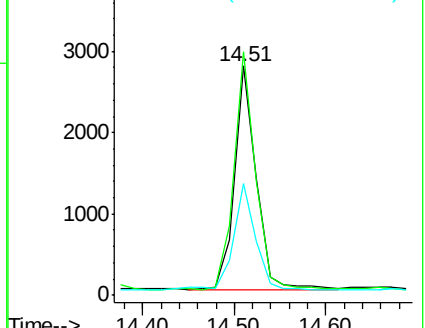
160 48.8 37.1 55.7



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: 0.346 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

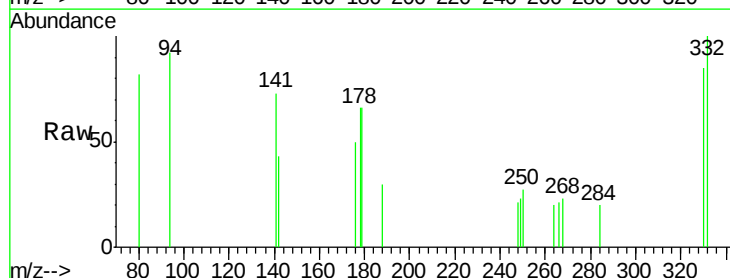
Tgt Ion:330 Resp: 591

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

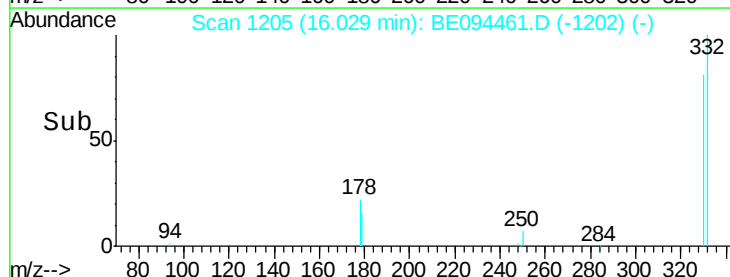
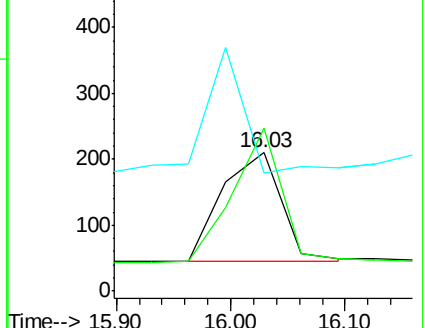
141 0.0 33.7 50.5#

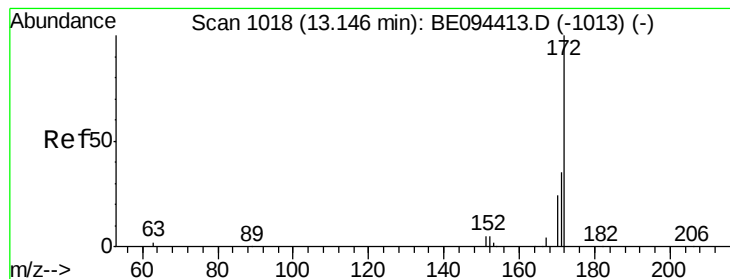


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.498 ng

RT: 13.13 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

BNA_E

ClientSampleId :

3916-DB

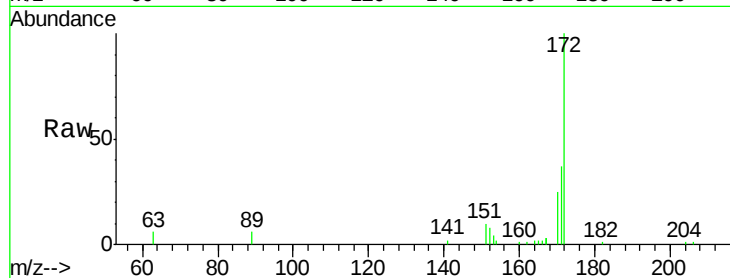
Tgt Ion:172 Resp: 7977

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

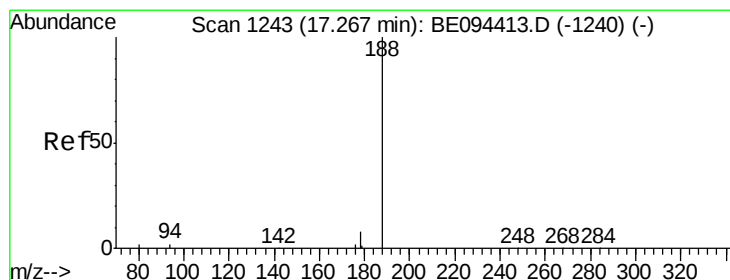
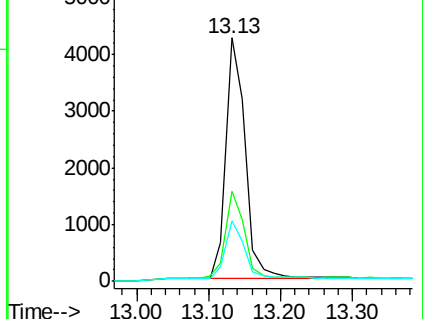
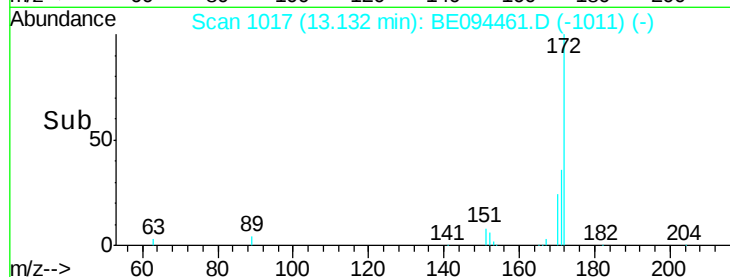
170 25.1 21.8 32.8



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: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. -0.03 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

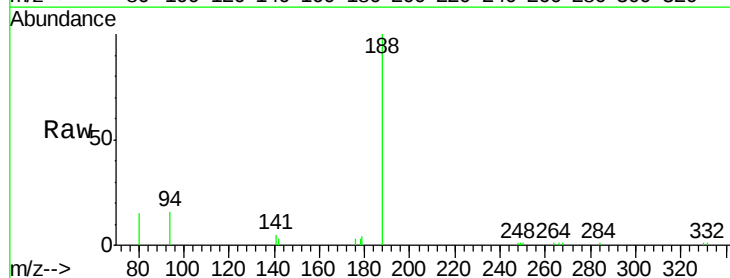
Tgt Ion:188 Resp: 12042

Ion Ratio Lower Upper

188 100

94 15.7 3.9 5.9#

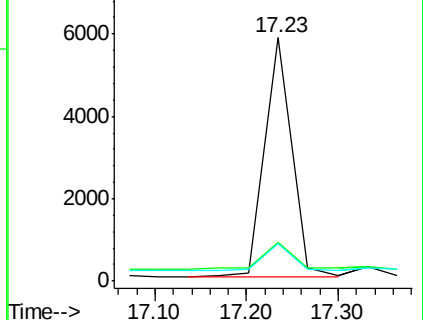
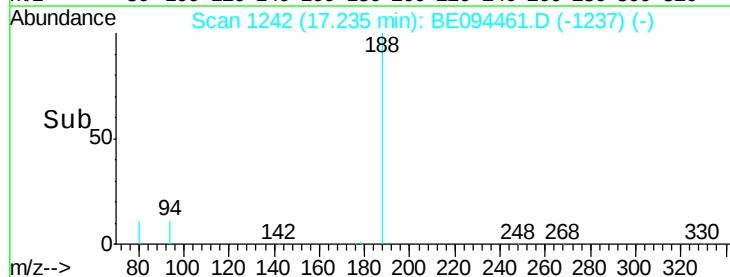
80 15.4 3.6 5.4#

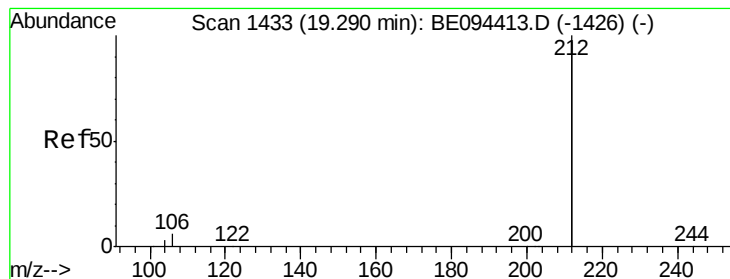


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

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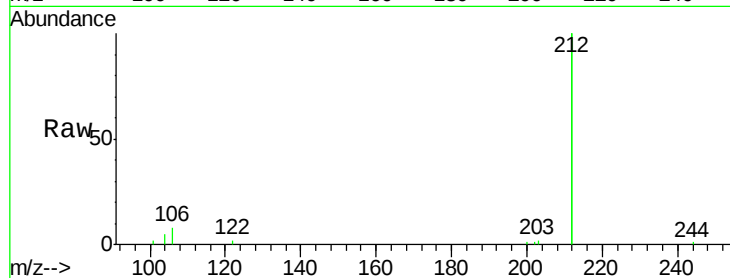
Tgt Ion:212 Resp: 56110

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

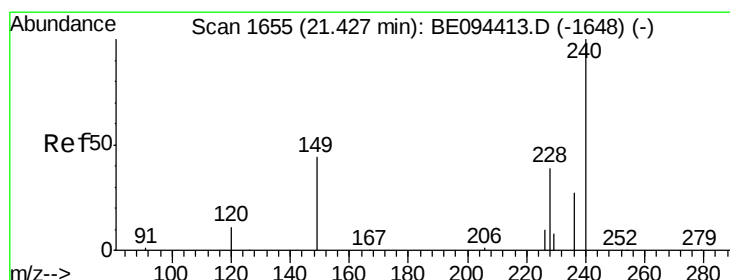
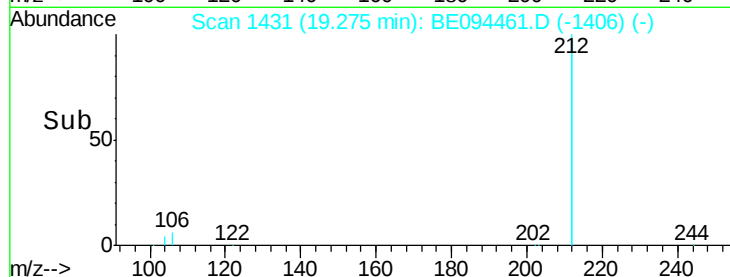
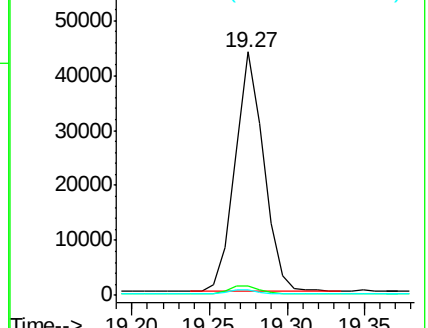
104 2.3 1.6 2.4



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: 21.42 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

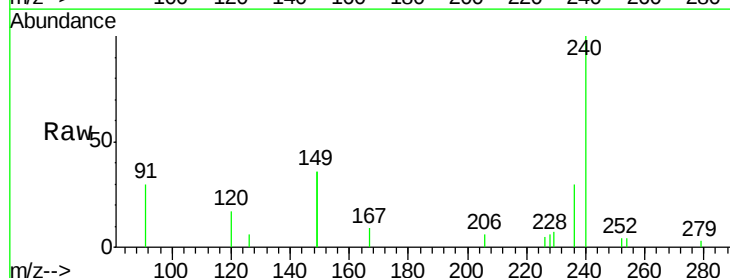
Tgt Ion:240 Resp: 9932

Ion Ratio Lower Upper

240 100

120 17.0 5.5 8.3#

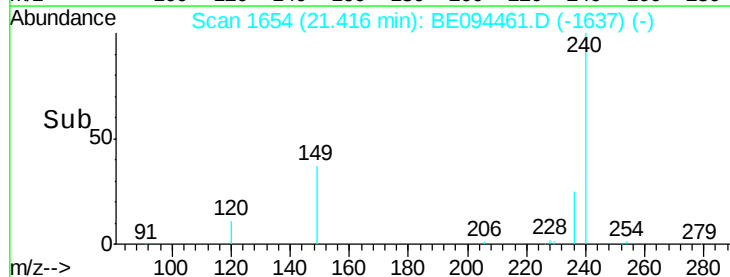
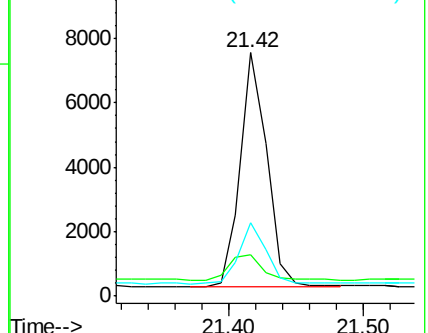
236 30.1 20.7 31.1

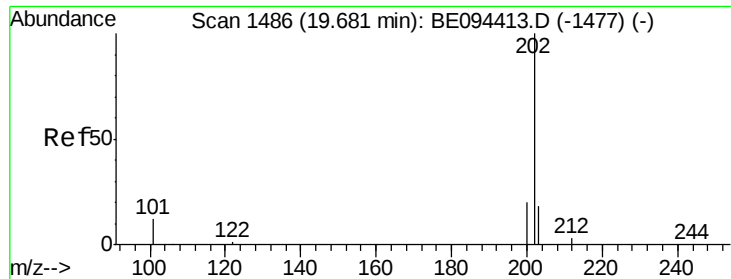


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.045 ng

RT: 19.66 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

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3916-DB

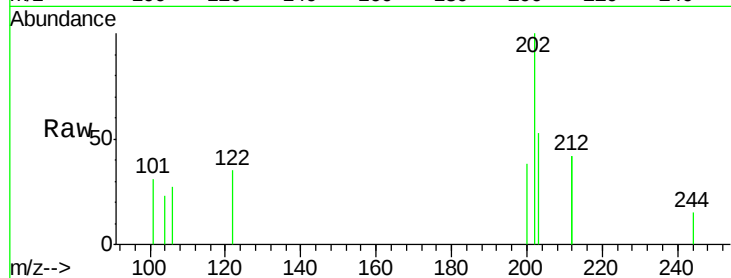
Tgt Ion:202 Resp: 1670

Ion Ratio Lower Upper

202 100

200 29.8 16.6 25.0#

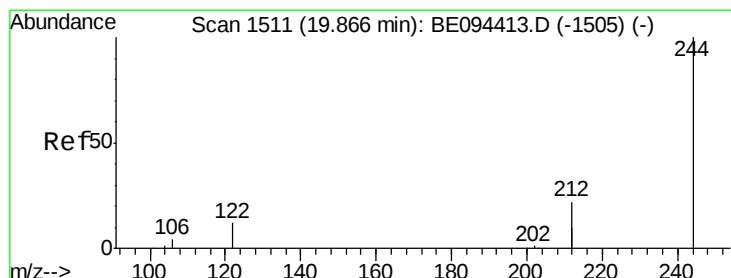
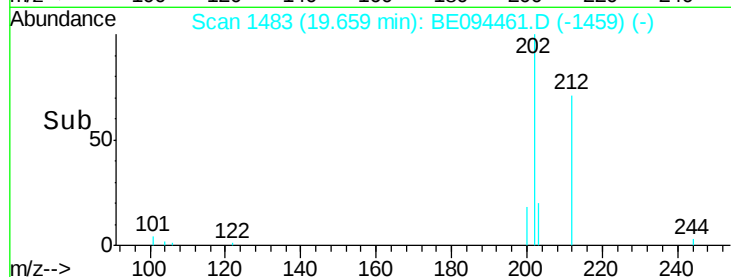
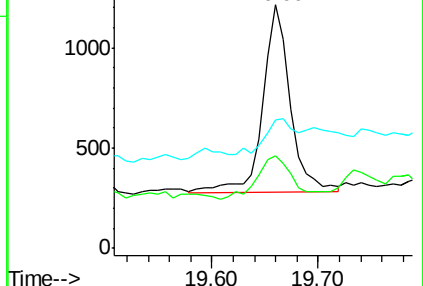
203 20.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.646 ng

RT: 19.85 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

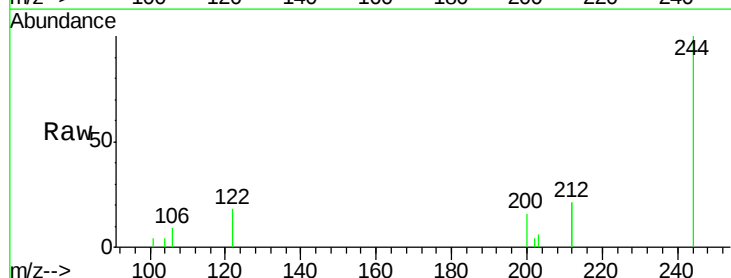
Tgt Ion:244 Resp: 12942

Ion Ratio Lower Upper

244 100

212 42.6 25.4 38.0#

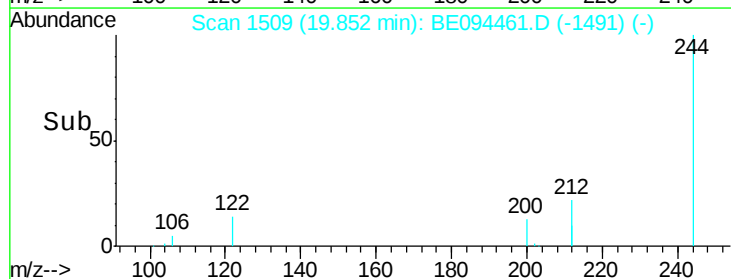
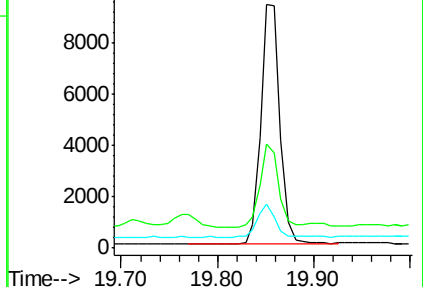
122 18.3 8.1 12.1#

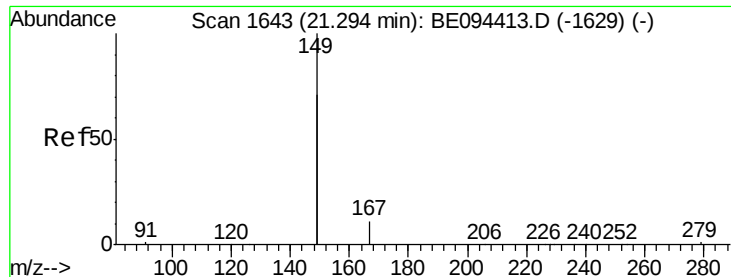


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.660 ng

RT: 21.29 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

Instrument :

BNA_E

ClientSampleId :

3916-DB

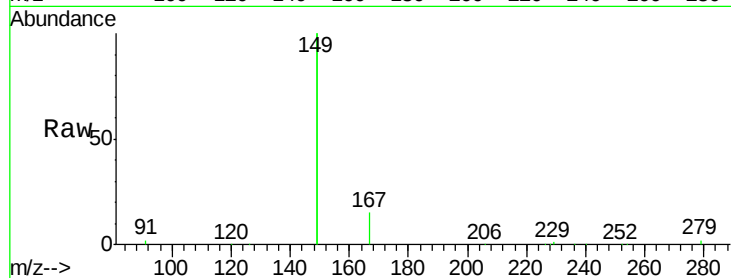
Tgt Ion:149 Resp: 263150

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

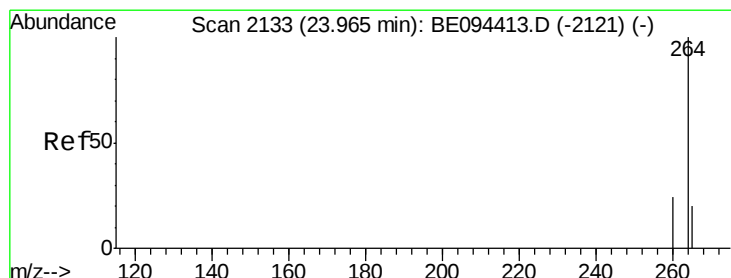
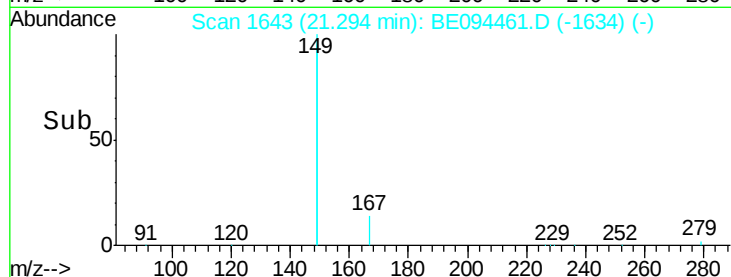
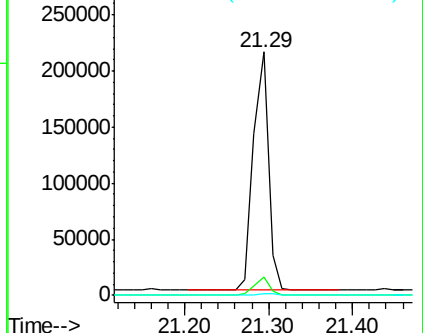
279 0.9 0.7 1.1



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: 23.94 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BE094461.D

Acq: 20 Oct 2017 00:32

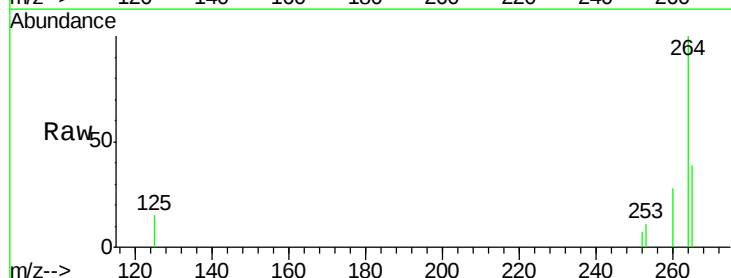
Tgt Ion:264 Resp: 9355

Ion Ratio Lower Upper

264 100

260 28.2 20.5 30.7

265 38.8 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

