

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112717\
 Data File : BE094870.D
 Acq On : 27 Nov 2017 13:46
 Operator : SJ/JU
 Sample : I6509-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171114

Quant Time: Nov 27 16:02:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	426	0.40	ng	0.05
7) Naphthalene-d8	10.74	136	2996	0.40	ng	0.03
13) Acenaphthene-d10	14.51	164	2223	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5146	0.40	ng	0.03
27) Chrysene-d12	21.44	240	6405	0.40	ng	0.01
34) Perylene-d12	23.98	264	5995	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.61	112	228	0.16	ng	0.09
5) Phenol-d6	7.29	99	307	0.14	ng	0.15
8) Nitrobenzene-d5	9.19	82	710	0.30	ng	0.12
11) 2-Methylnaphthalene-d10	12.31	152	2413	0.50	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	358	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4340	0.55	ng	0.00
25) Fluoranthene-d10	19.28	212	35906	0.61	ng	0.00
29) Terphenyl-d14	19.85	244	6537	0.54	ng	-0.02

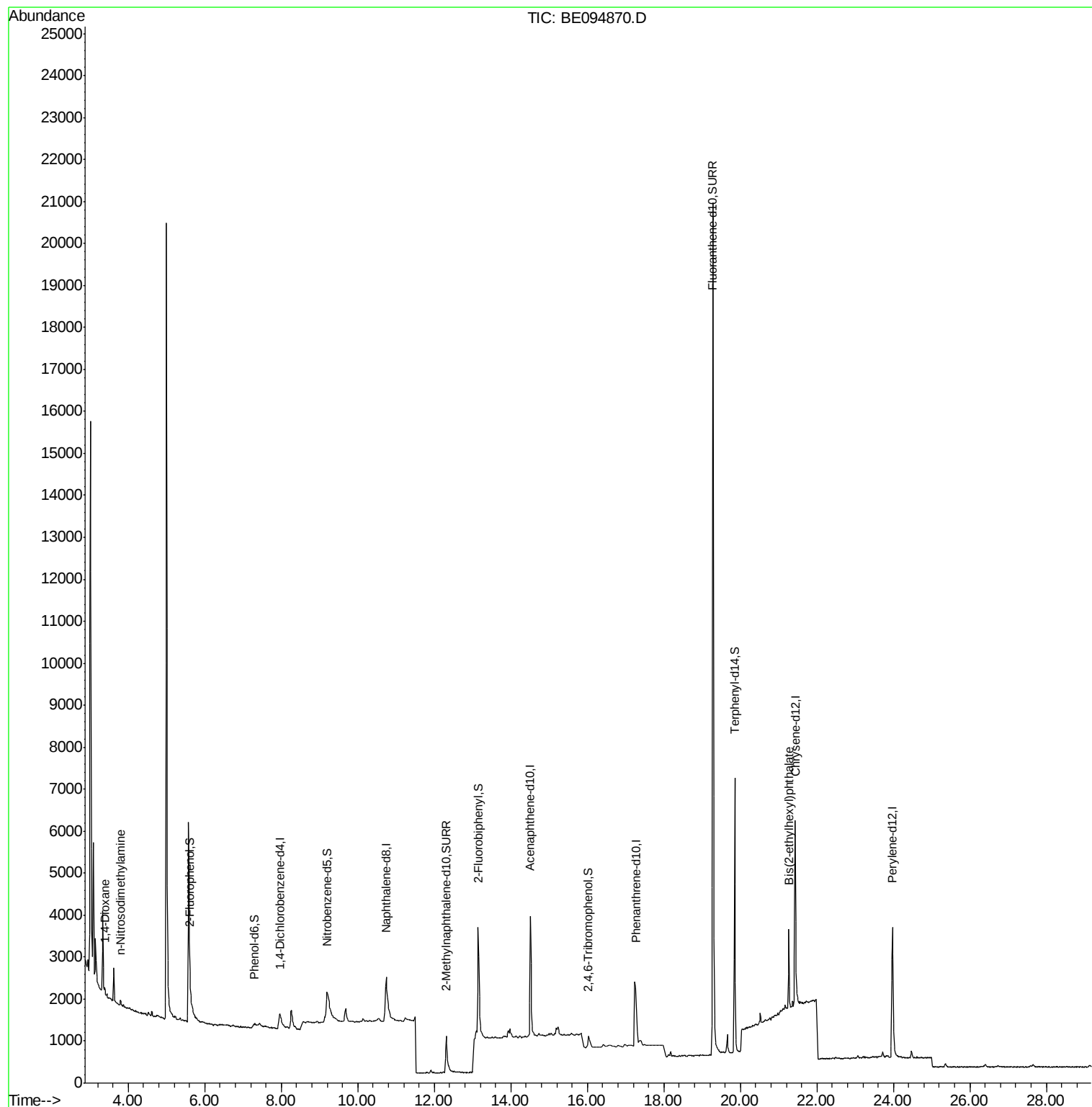
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	153	0.212	ng	# 41
3) n-Nitrosodimethylamine	3.79	42	25	0.036	ng	# 1
23) Phenanthrene	17.40	178	164	Below Cal		94
26) Fluoranthene	19.32	202	103	Below Cal	#	28
32) Bis(2-ethylhexyl)phthalate	21.27	149	2164	0.042	ng	# 98

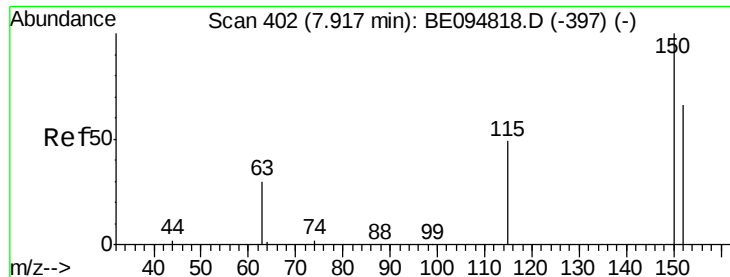
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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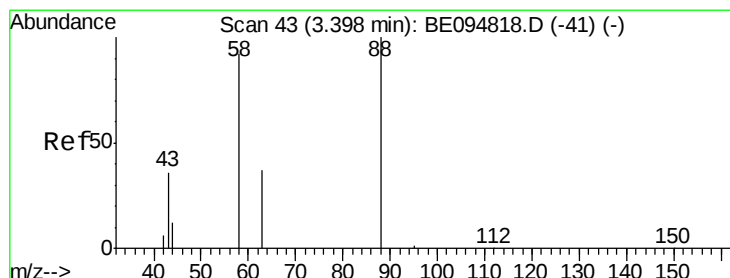
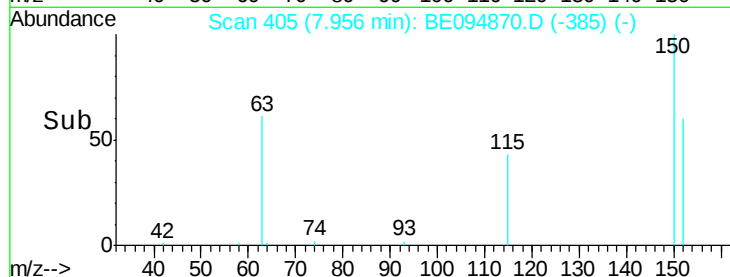
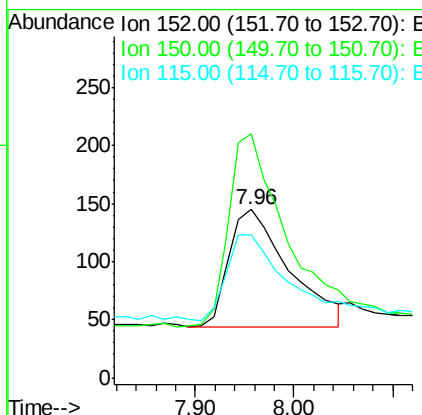
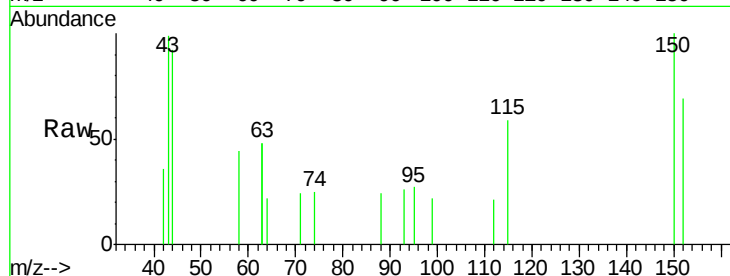




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.96 min Scan# 405
 Delta R.T. 0.05 min
 Lab File: BE094870.D
 Acq: 27 Nov 2017 13:46

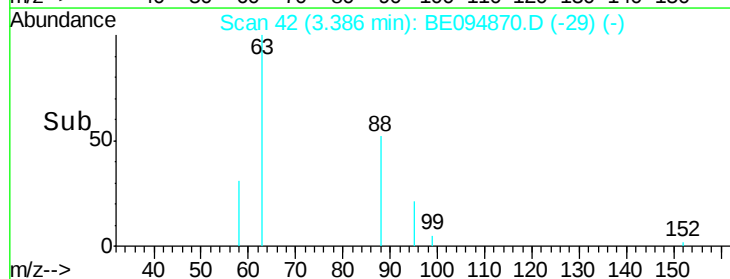
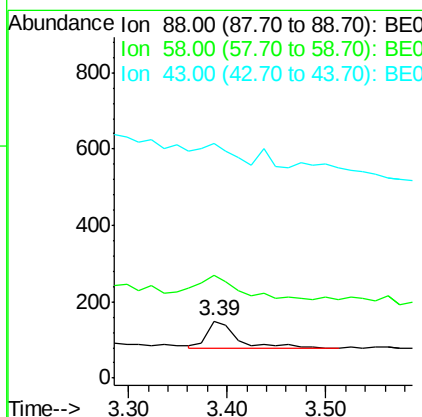
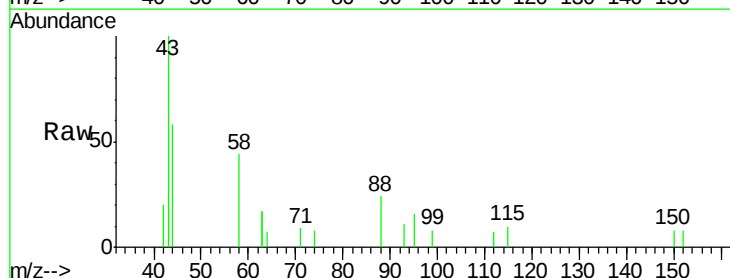
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171114

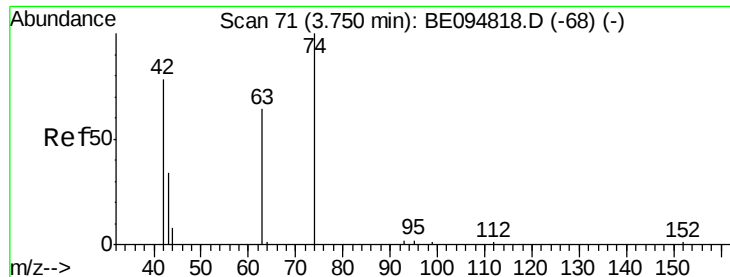
Tgt Ion: 152 Resp: 426
 Ion Ratio Lower Upper
 152 100
 150 144.8 117.2 175.8
 115 84.8 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.212 ng
 RT: 3.39 min Scan# 42
 Delta R.T. -0.04 min
 Lab File: BE094870.D
 Acq: 27 Nov 2017 13:46

Tgt Ion: 88 Resp: 153
 Ion Ratio Lower Upper
 88 100
 58 122.2 63.2 94.8#
 43 0.0 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.79 min Scan# 74

Delta R.T. 0.04 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114

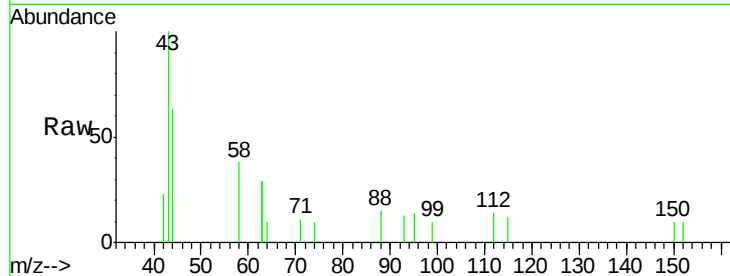
Tgt Ion: 42 Resp: 25

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

44 0.0 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

300

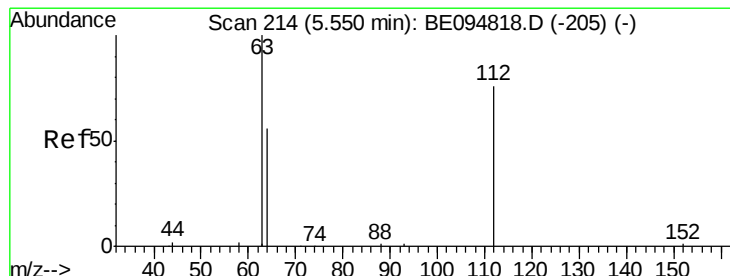
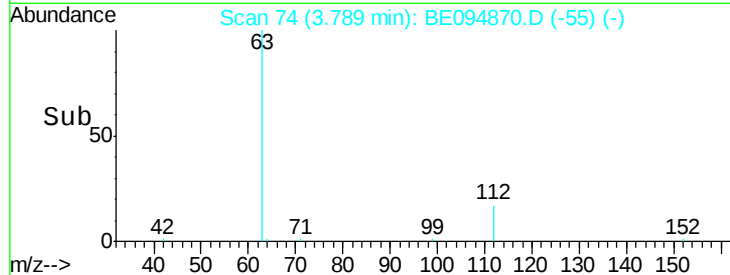
200

100

0

3.75 3.80 3.85

Time-->



#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.61 min Scan# 219

Delta R.T. 0.09 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

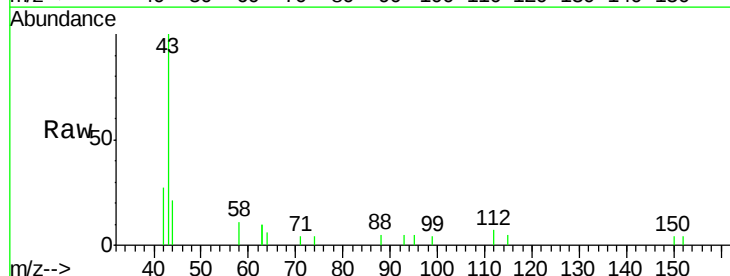
Tgt Ion: 112 Resp: 228

Ion Ratio Lower Upper

112 100

64 76.3 60.1 90.1

63 0.0 116.8 175.2#



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

300

250

200

150

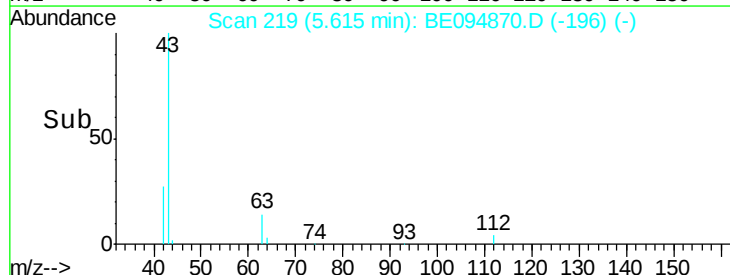
100

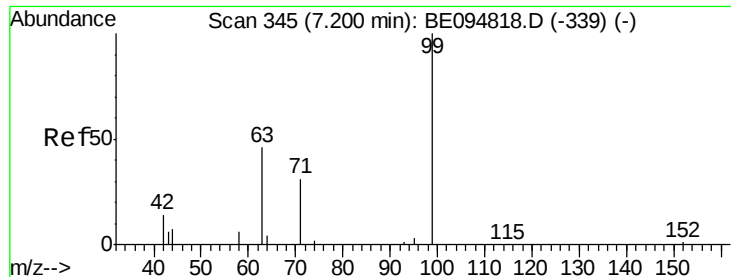
50

0

5.50 5.60 5.70

Time-->





#5

Phenol-d6

Concen: 0.139 ng

RT: 7.29 min Scan# 352

Delta R.T. 0.15 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114

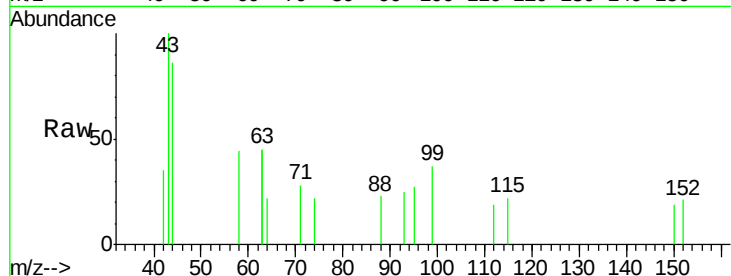
Tgt Ion: 99 Resp: 307

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 30.0 28.4 42.6



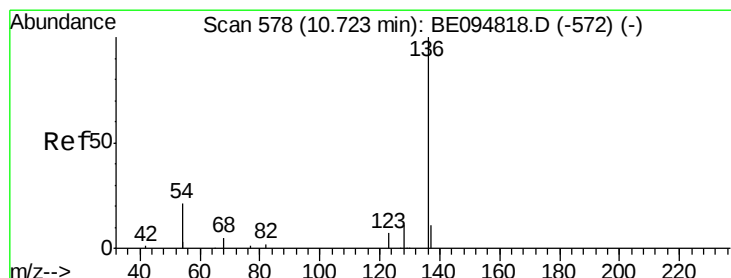
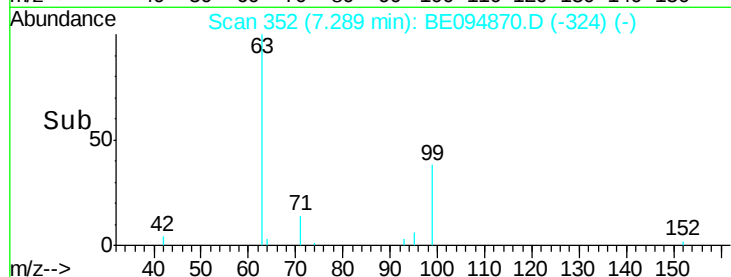
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.29

Time--> 7.10 7.20 7.30 7.40 7.50



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.03 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Tgt Ion: 136 Resp: 2996

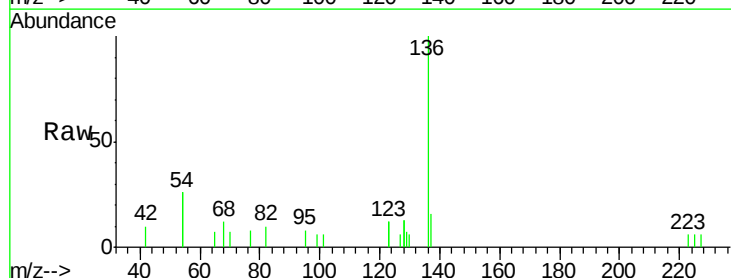
Ion Ratio Lower Upper

136 100

137 16.2 9.5 14.3#

54 51.2 29.1 43.7#

68 12.4 6.2 9.2#



Abundance Ion 136.00 (135.70 to 136.70): E

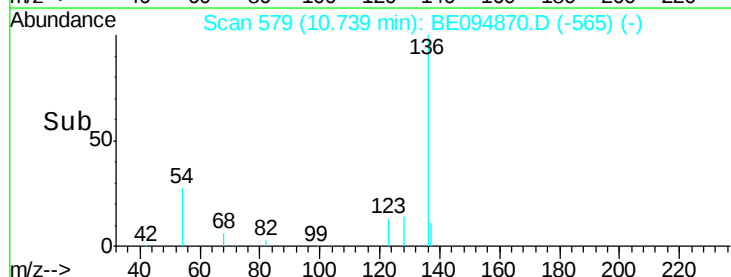
Ion 137.00 (136.70 to 137.70): E

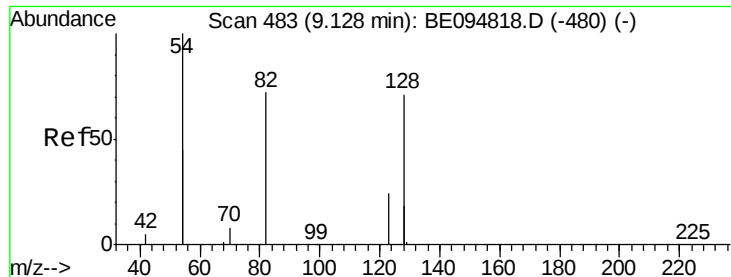
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.74

Time--> 10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.297 ng

RT: 9.19 min Scan# 487

Delta R.T. 0.12 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114

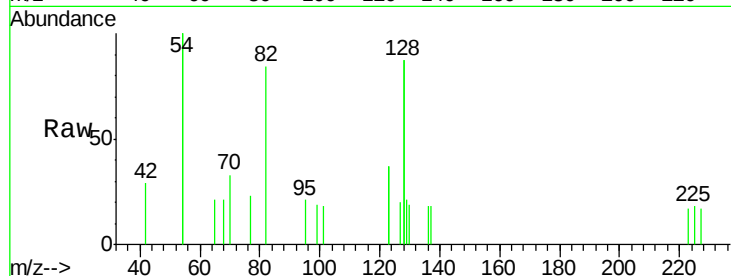
Tgt Ion: 82 Resp: 710

Ion Ratio Lower Upper

82 100

128 206.6 150.0 225.0

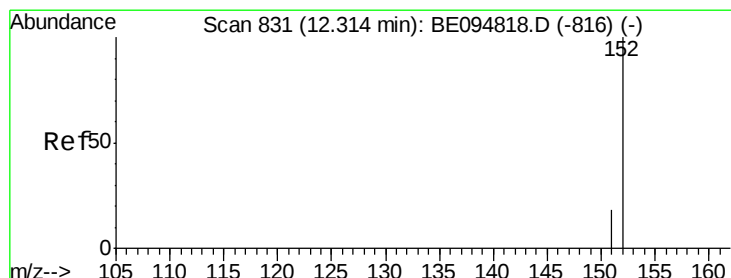
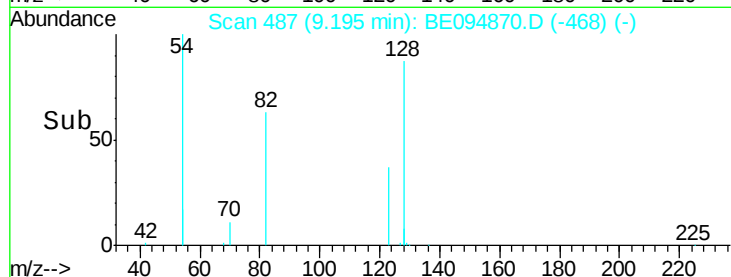
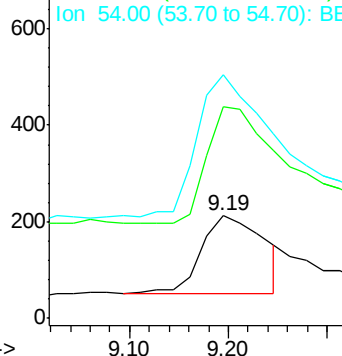
54 237.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094870.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094870.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094870.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.502 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE094870.D

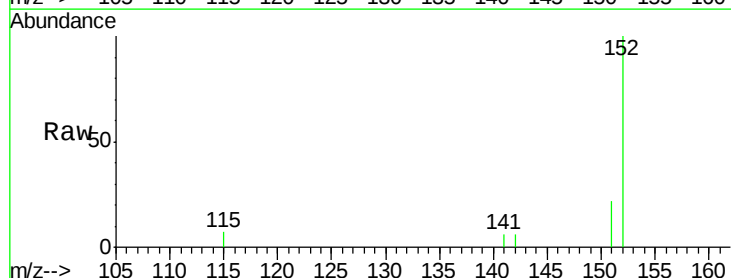
Acq: 27 Nov 2017 13:46

Tgt Ion: 152 Resp: 2413

Ion Ratio Lower Upper

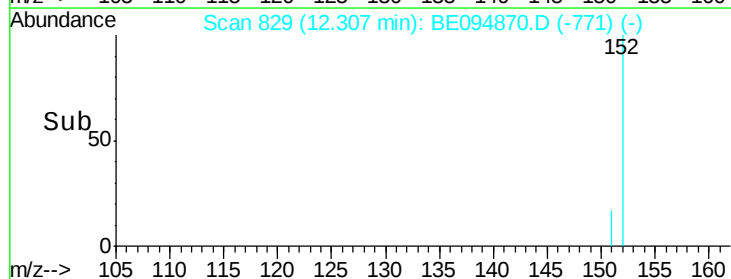
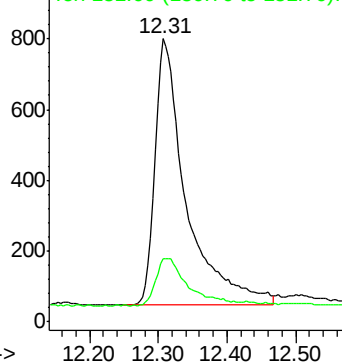
152 100

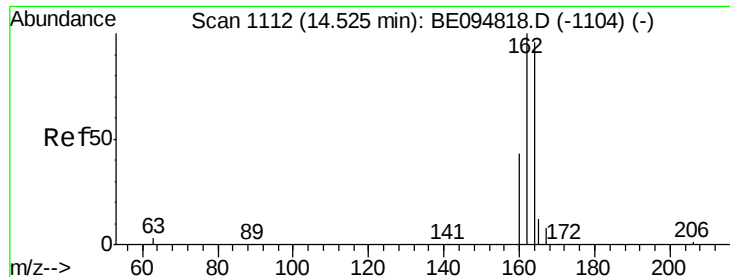
151 18.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094870.D (-771) (-)

Ion 151.00 (150.70 to 151.70): BE094870.D (-771) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

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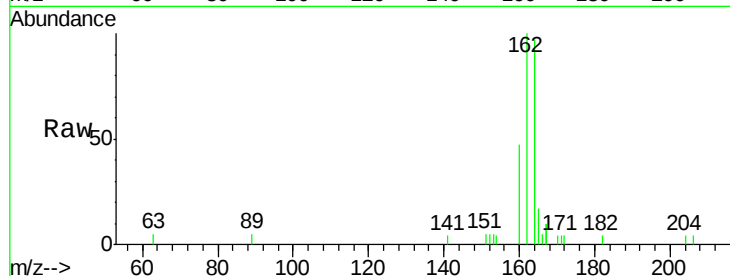
Tgt Ion:164 Resp: 2223

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

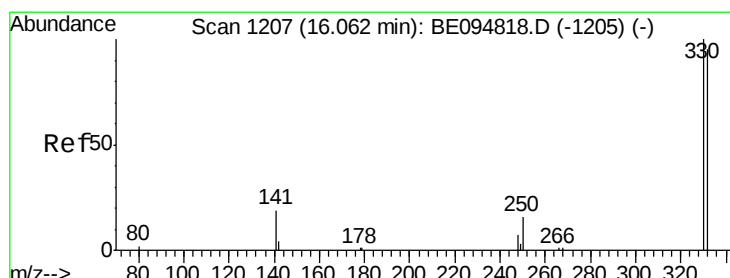
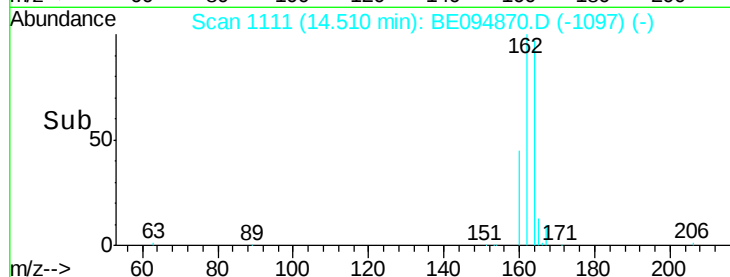
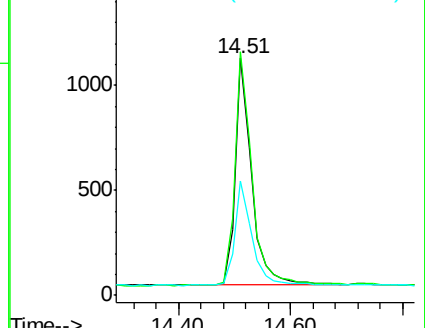
160 48.4 37.1 55.7



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: 0.584 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

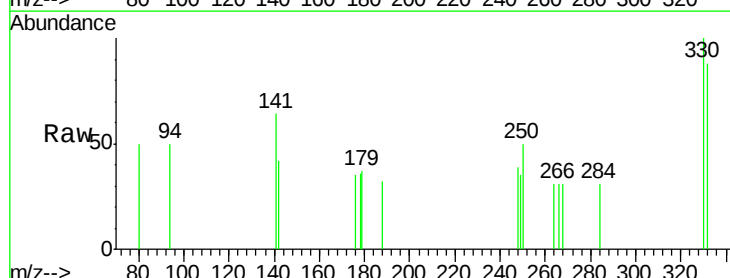
Tgt Ion:330 Resp: 358

Ion Ratio Lower Upper

330 100

332 91.3 152.7 229.1#

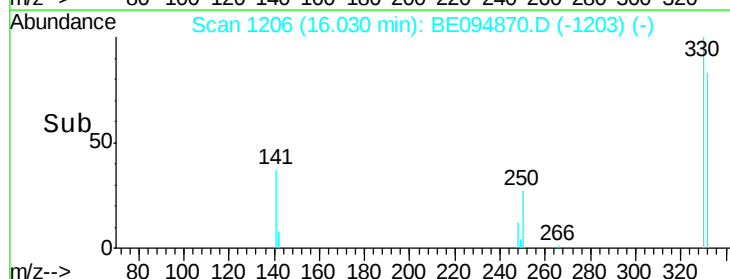
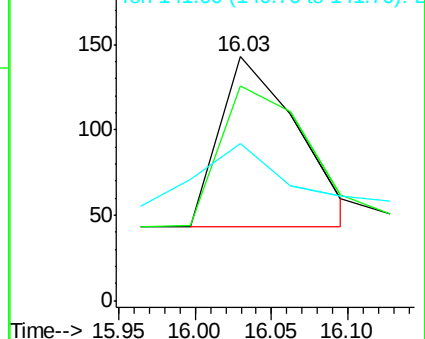
141 20.1 33.7 50.5#

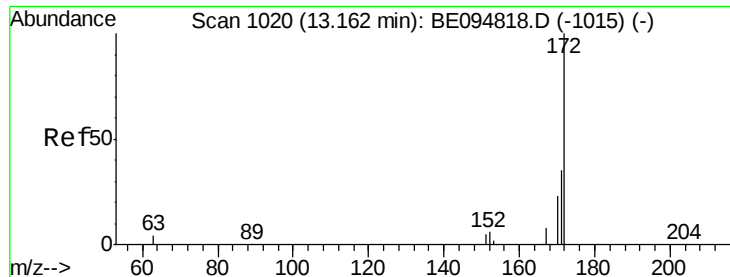


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

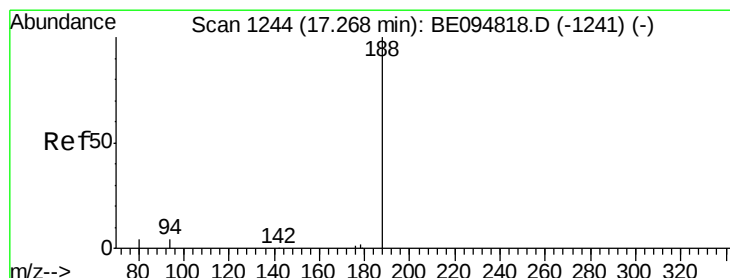
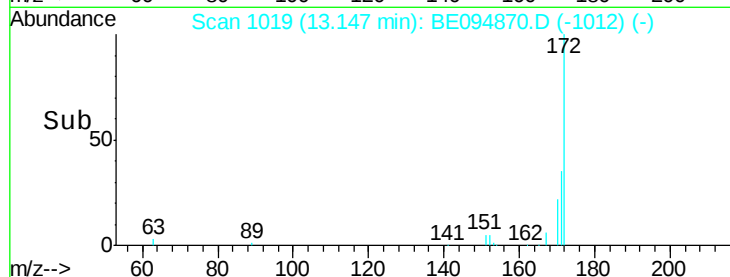
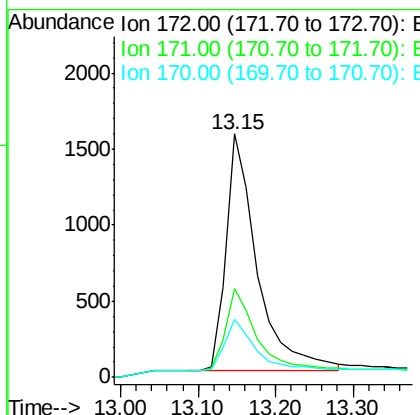
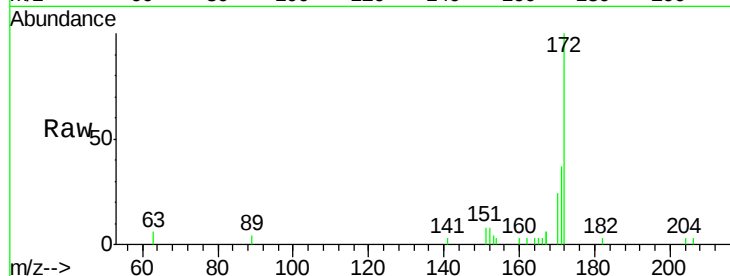




#15
 2-Fluorobiphenyl
 Concen: 0.554 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094870.D
 Acq: 27 Nov 2017 13:46

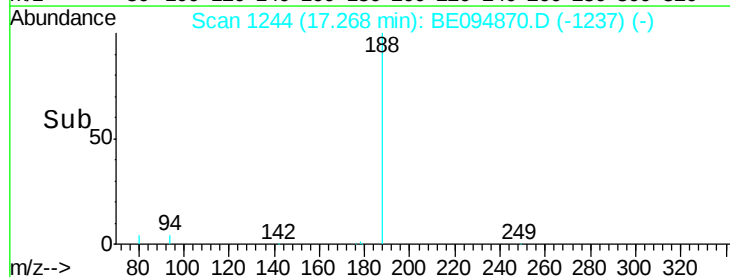
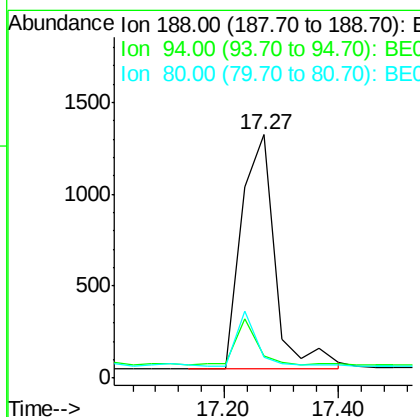
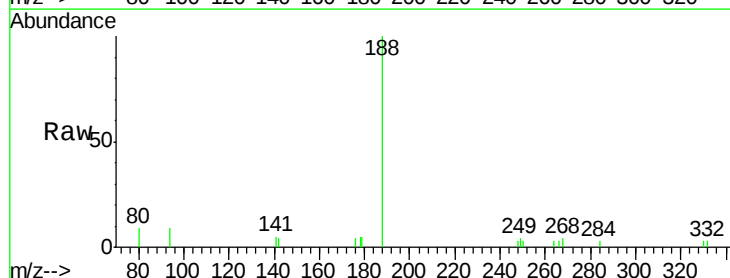
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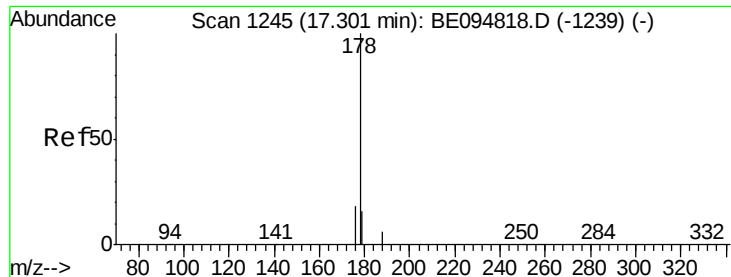
Tgt Ion:172 Resp: 4340
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 23.8 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. 0.03 min
 Lab File: BE094870.D
 Acq: 27 Nov 2017 13:46

Tgt Ion:188 Resp: 5146
 Ion Ratio Lower Upper
 188 100
 94 9.0 3.9 5.9#
 80 8.8 3.6 5.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.40 min Scan# 1248

Delta R.T. 0.10 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114

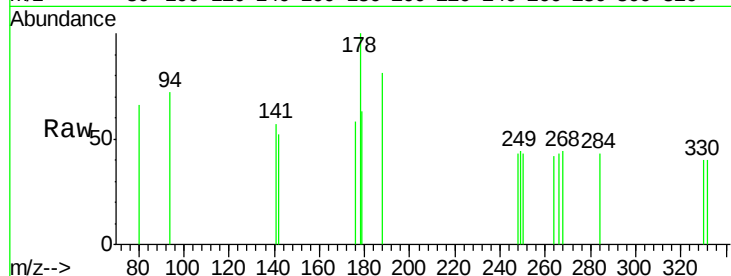
Tgt Ion:178 Resp: 164

Ion Ratio Lower Upper

178 100

176 22.6 15.1 22.7

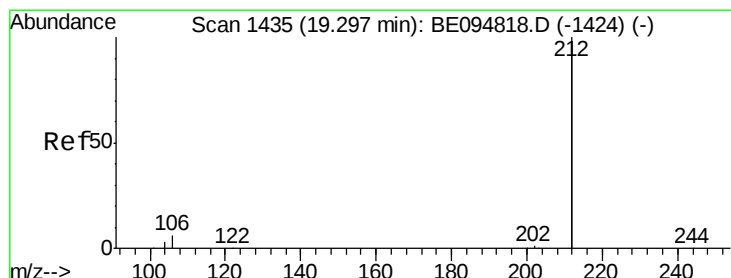
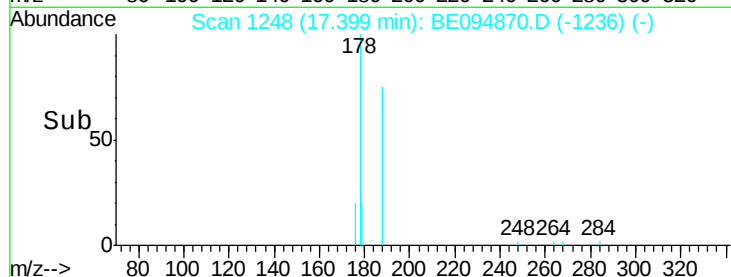
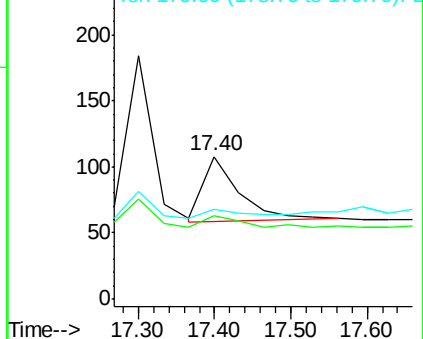
179 16.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.612 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

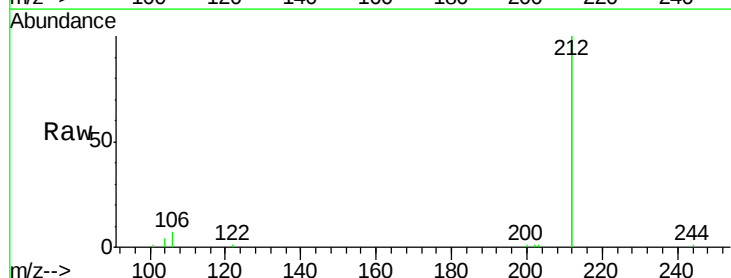
Tgt Ion:212 Resp: 35906

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

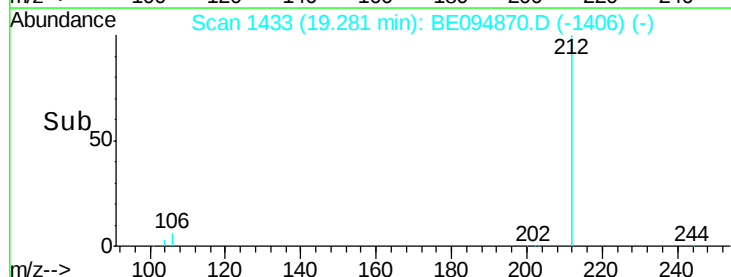
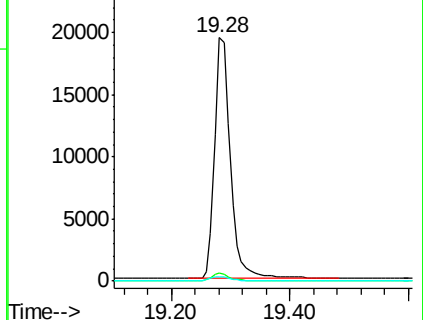
104 1.7 1.6 2.4

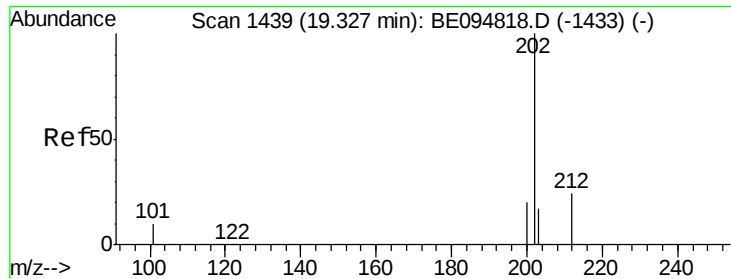


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

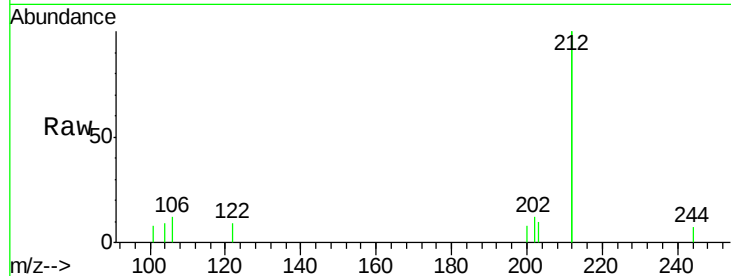




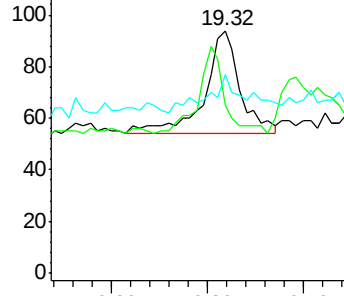
#26
Fluoranthene
Concen: Below Cal
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094870.D
Acq: 27 Nov 2017 13:46

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171114

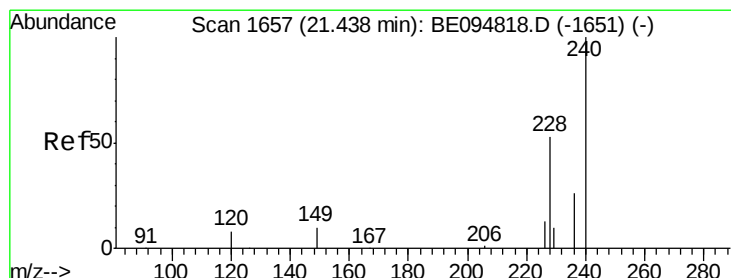
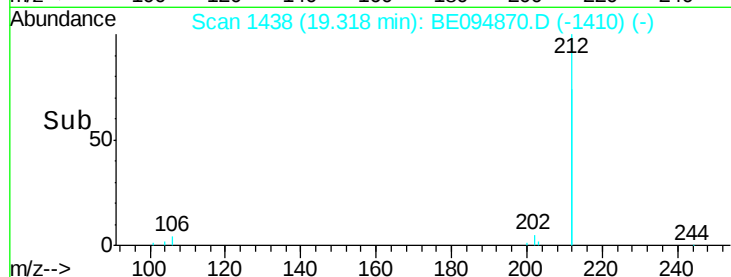
Tgt Ion:202 Resp: 103
Ion Ratio Lower Upper
202 100
101 62.1 9.8 14.8#
203 31.1 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

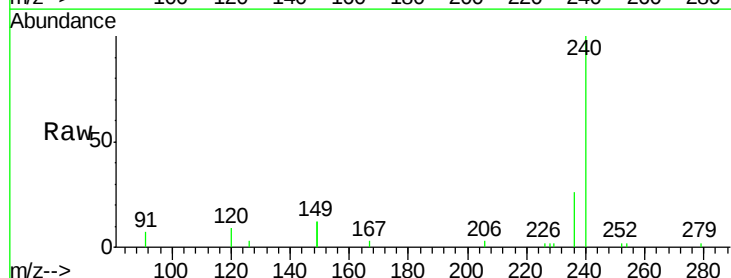


Time-->

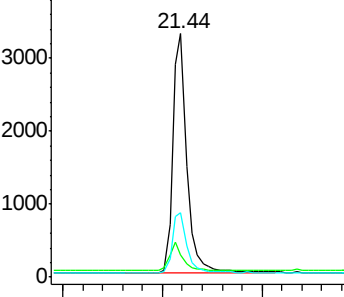


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094870.D
Acq: 27 Nov 2017 13:46

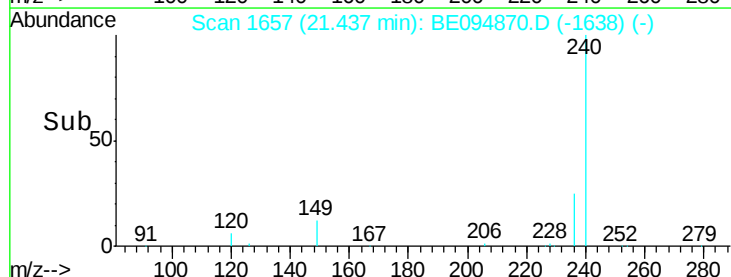
Tgt Ion:240 Resp: 6405
Ion Ratio Lower Upper
240 100
120 9.0 5.5 8.3#
236 26.4 20.7 31.1

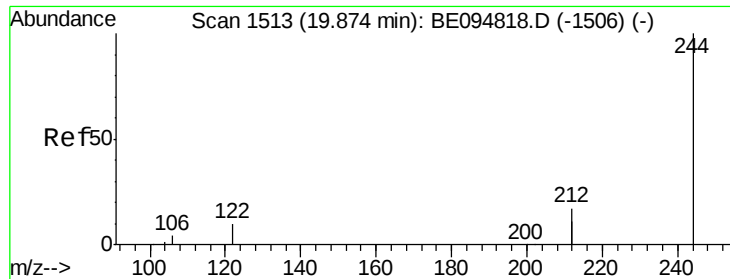


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.541 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114

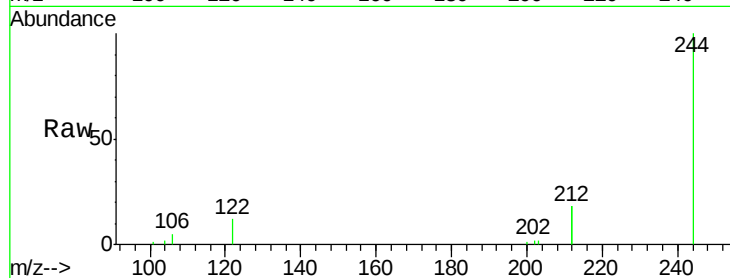
Tgt Ion:244 Resp: 6537

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

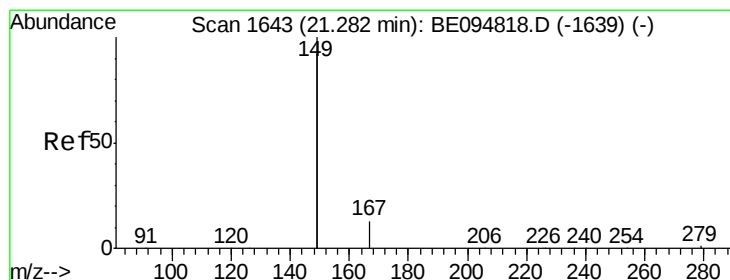
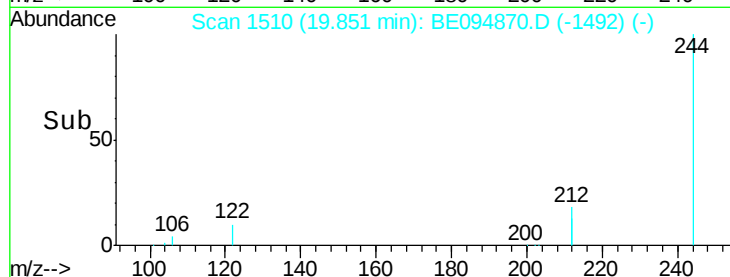
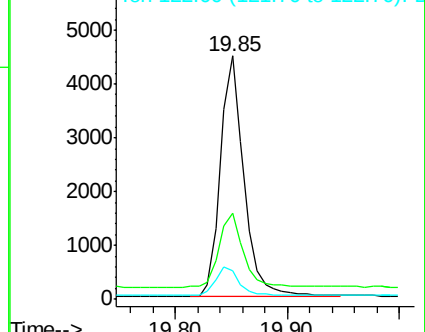
122 11.7 8.1 12.1



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: 0.042 ng

RT: 21.27 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BE094870.D

Acq: 27 Nov 2017 13:46

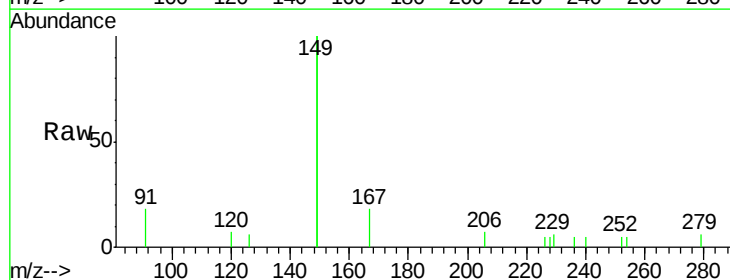
Tgt Ion:149 Resp: 2164

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

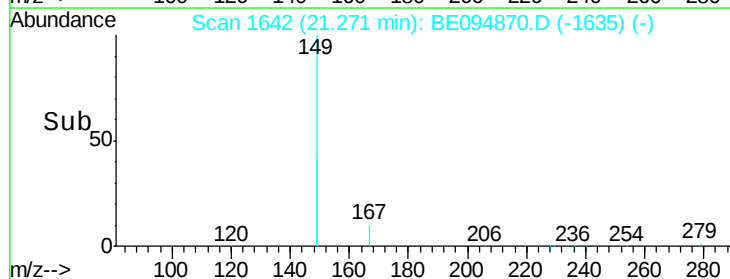
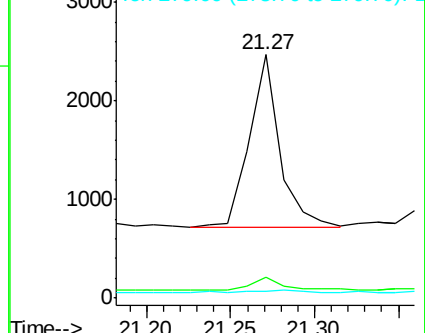
279 1.6 0.7 1.1#

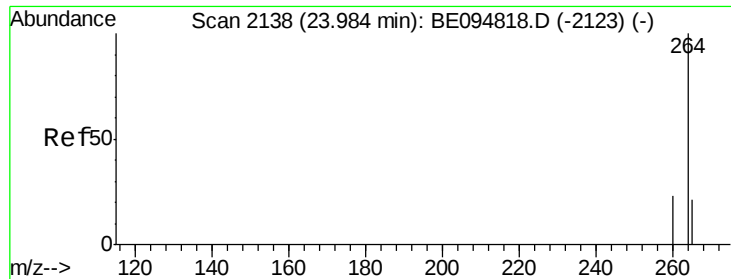


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.98 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BE094870.D

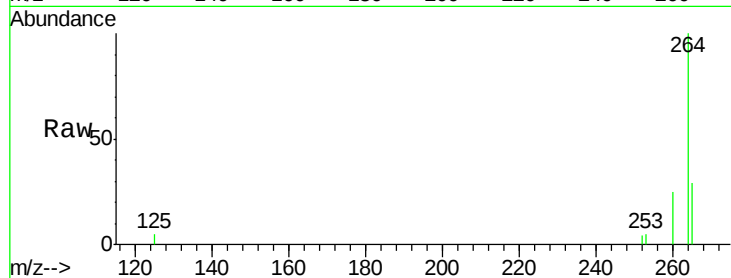
Acq: 27 Nov 2017 13:46

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171114



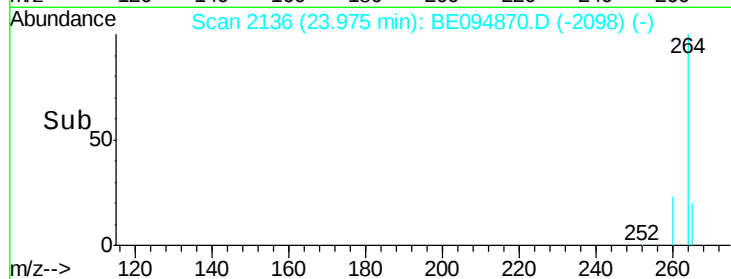
Tgt Ion: 264 Resp: 5995

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 28.5 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

