

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
 Data File : BE094428.D
 Acq On : 17 Oct 2017 12:26
 Operator : SJ/JU
 Sample : PB102812BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102812BL

Quant Time: Oct 17 20:27:14 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	58759	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	299878	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	179355	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	375417	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	429699	0.40	ng	0.00
34) Perylene-d12	23.96	264	421554	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	562105	2.83	ng	0.00
5) Phenol-d6	7.10	99	838065	2.71	ng	-0.03
8) Nitrobenzene-d5	9.06	82	529224	2.03	ng	-0.02
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	16.03	330	148778	2.18	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1107368	1.73	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.87	244	1409141	1.63	ng	0.00

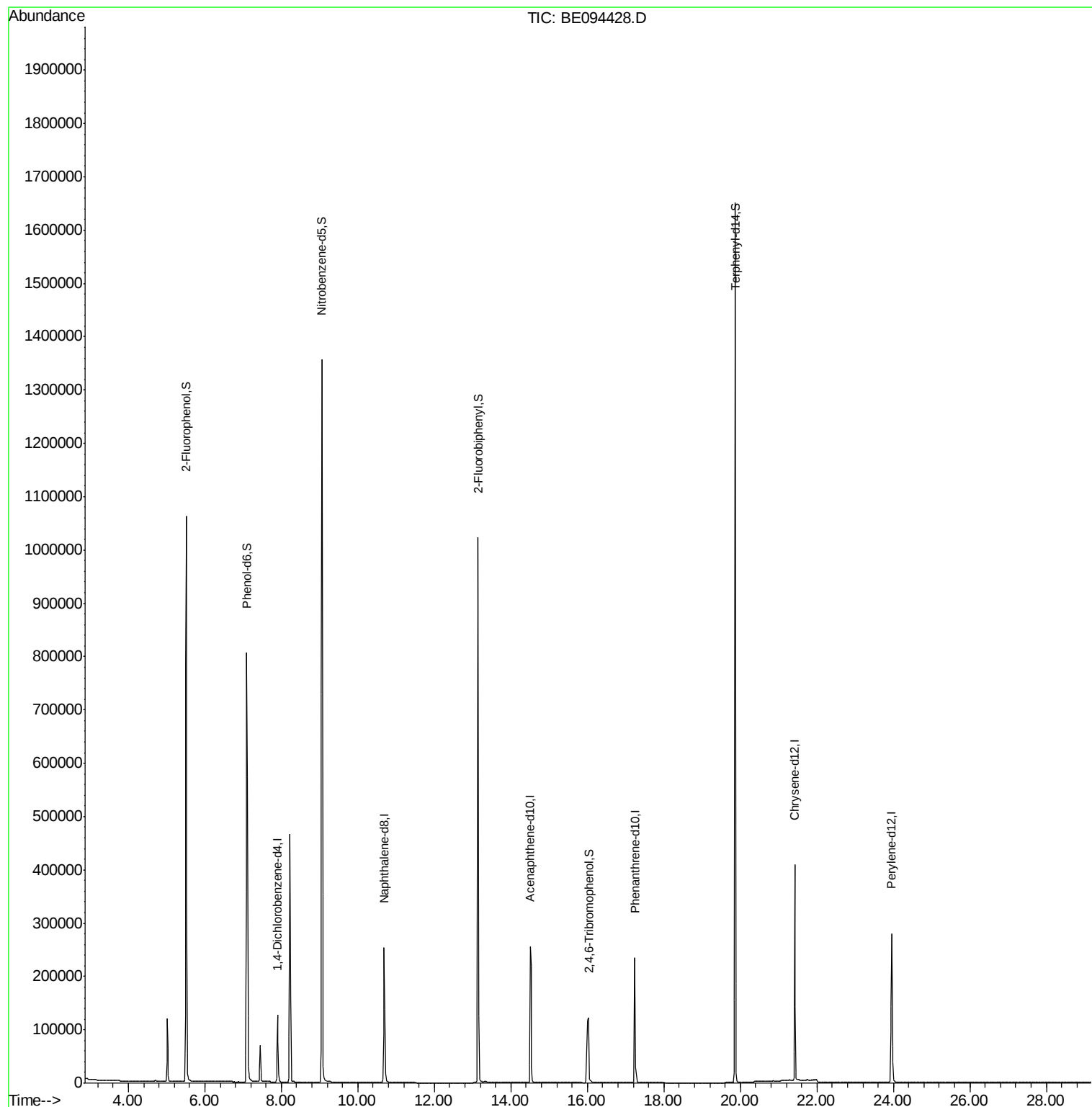
Target Compounds	Qvalue

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

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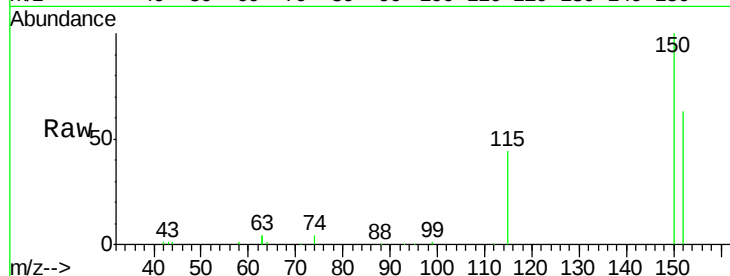


#1

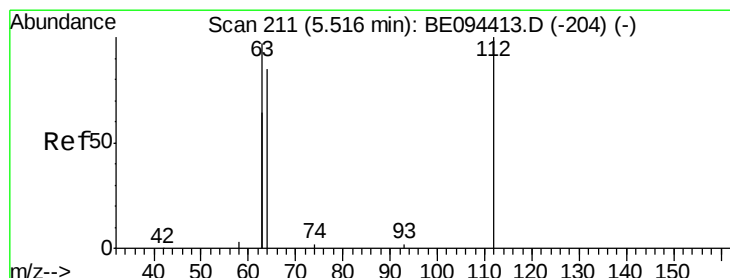
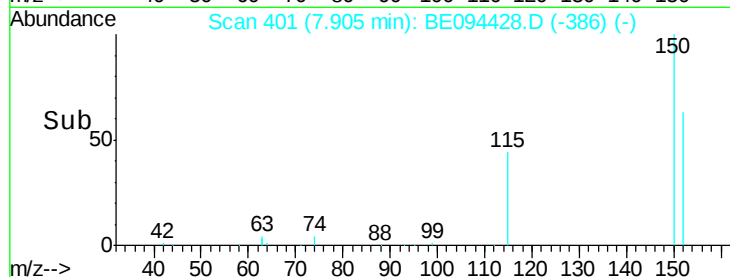
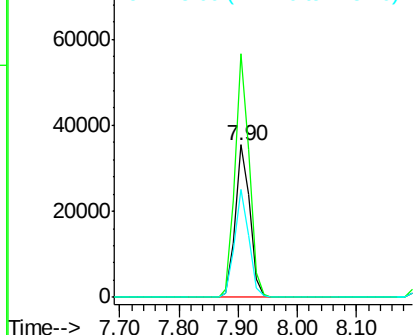
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Instrument :
BNA_E
ClientSampleId :
PB102812BL

Tgt Ion:152 Resp: 58759
Ion Ratio Lower Upper
152 100
150 159.7 117.2 175.8
115 70.6 57.0 85.6



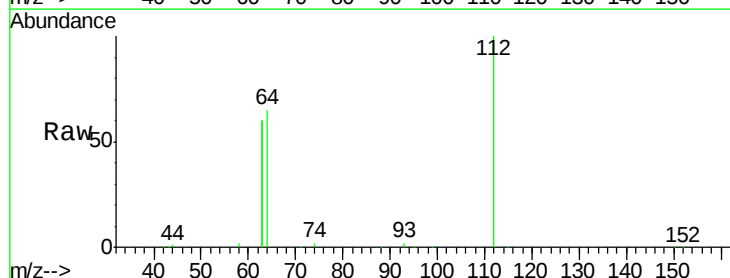
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



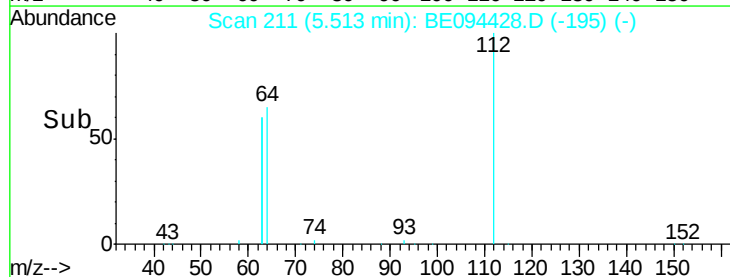
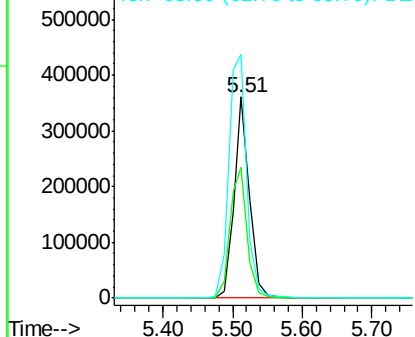
#4

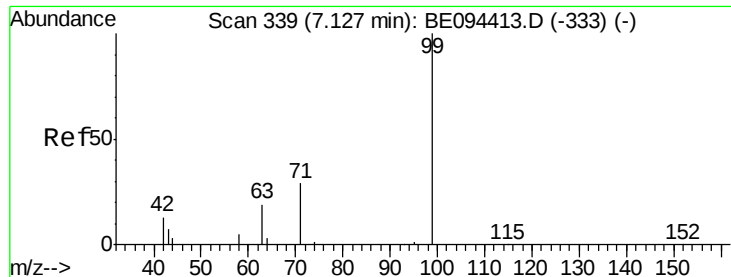
2-Fluorophenol
Concen: 2.831 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094428.D
Acq: 17 Oct 2017 12:26

Tgt Ion:112 Resp: 562105
Ion Ratio Lower Upper
112 100
64 72.2 60.1 90.1
63 142.4 116.8 175.2



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: 2.706 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.03 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampled :

PB102812BL

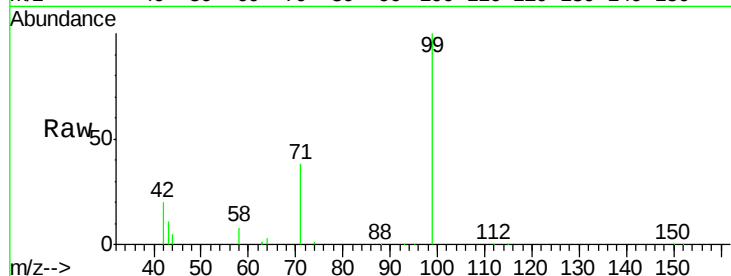
Tgt Ion: 99 Resp: 838065

Ion Ratio Lower Upper

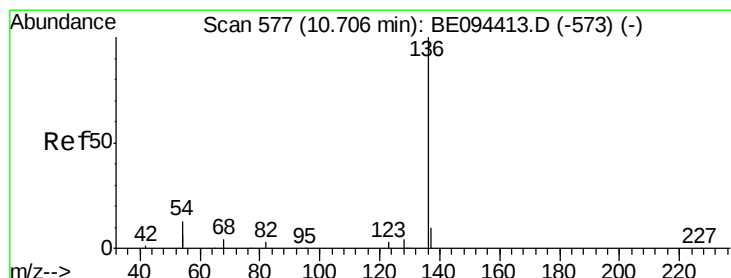
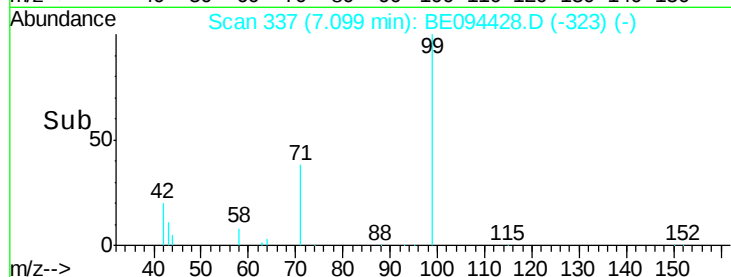
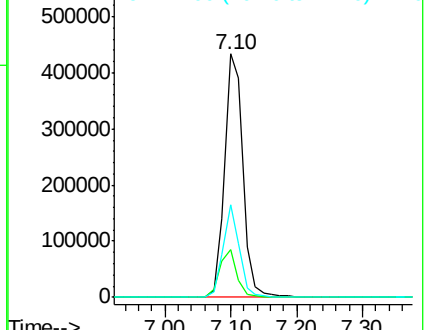
99 100

42 18.7 20.2 30.2#

71 34.0 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. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Tgt Ion: 136 Resp: 299878

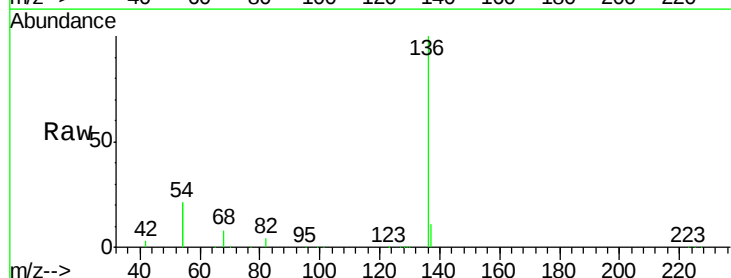
Ion Ratio Lower Upper

136 100

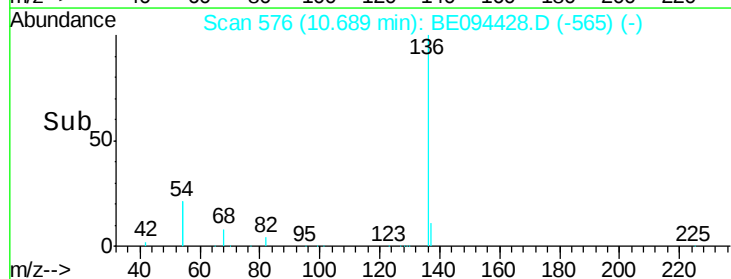
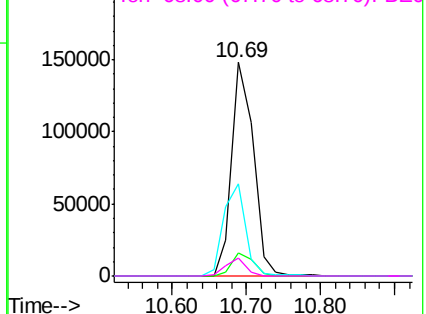
137 10.9 9.5 14.3

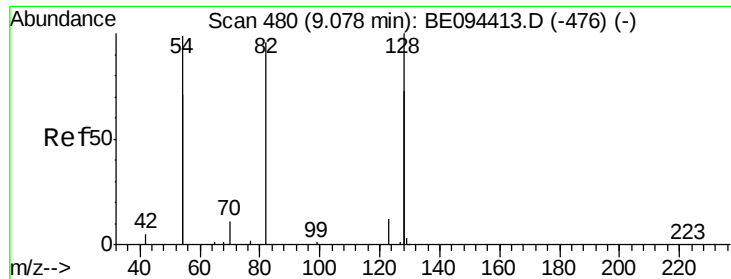
54 43.0 29.1 43.7

68 8.5 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: 2.031 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

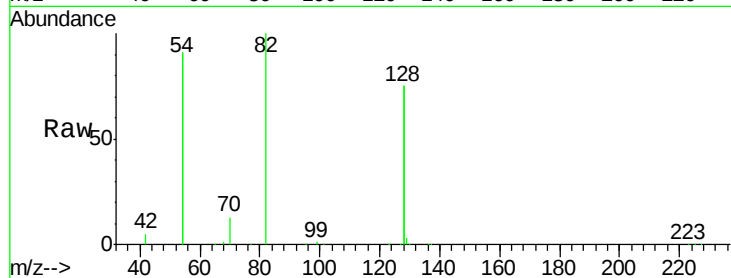
Tgt Ion: 82 Resp: 529224

Ion Ratio Lower Upper

82 100

128 149.5 150.0 225.0#

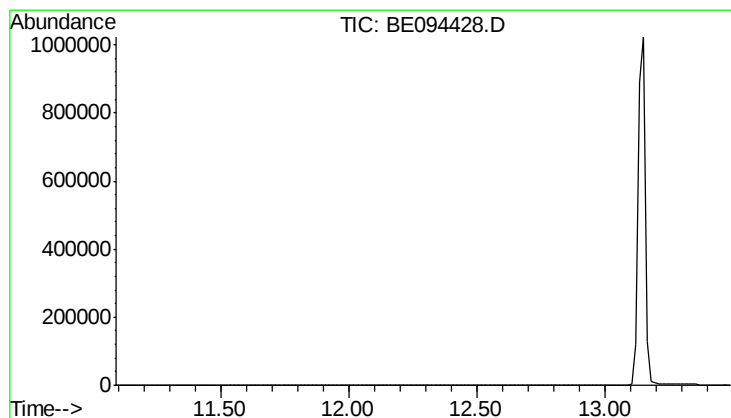
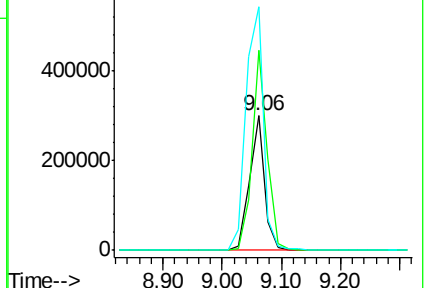
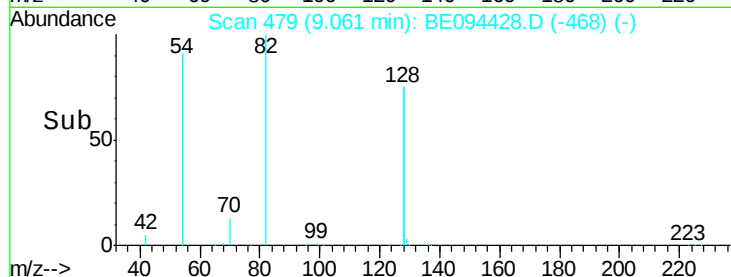
54 181.4 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094428.D

Ion 128.00 (127.70 to 128.70): BE094428.D

Ion 54.00 (53.70 to 54.70): BE094428.D



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

Expected RT: 12.29 min

Lab File: BE094428.D

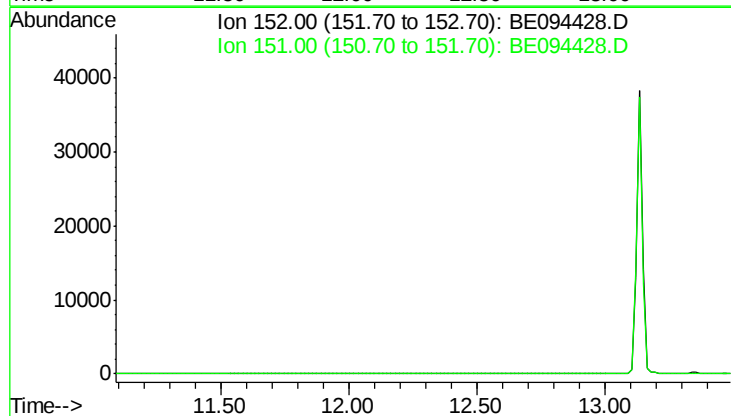
Acq: 17 Oct 2017 12:26

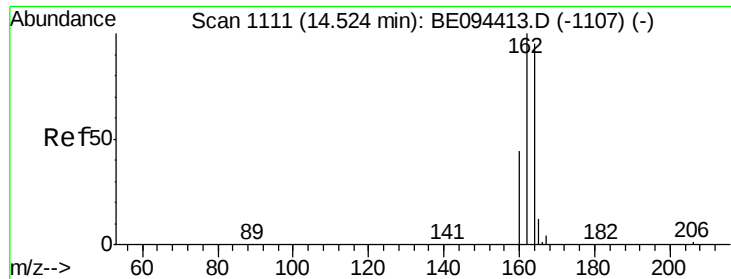
Tgt Ion: 152

Sig Exp Ratio

152 100

151 19.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

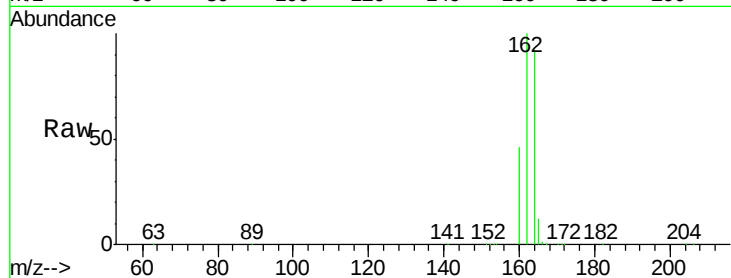
Tgt Ion:164 Resp: 179355

Ion Ratio Lower Upper

164 100

162 108.9 83.1 124.7

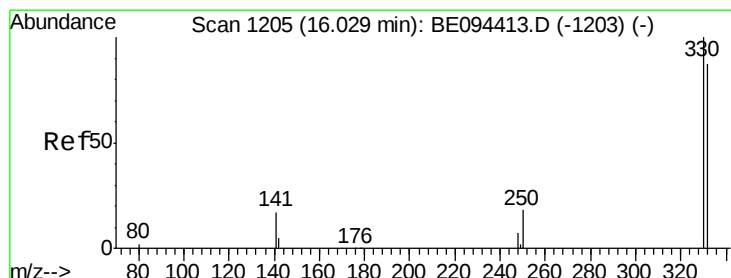
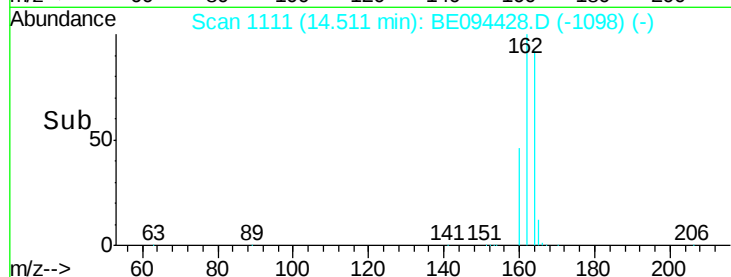
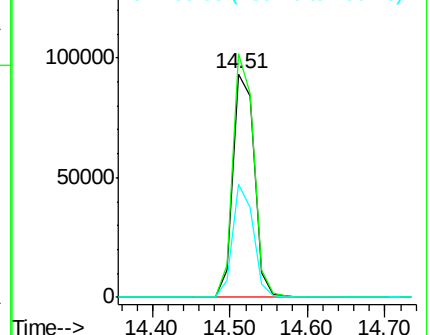
160 50.5 37.1 55.7



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: 2.177 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

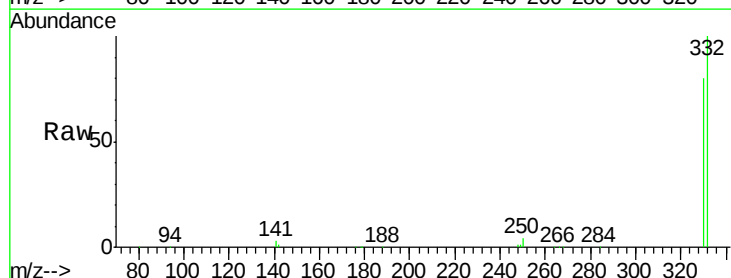
Tgt Ion:330 Resp: 148778

Ion Ratio Lower Upper

330 100

332 107.2 152.7 229.1#

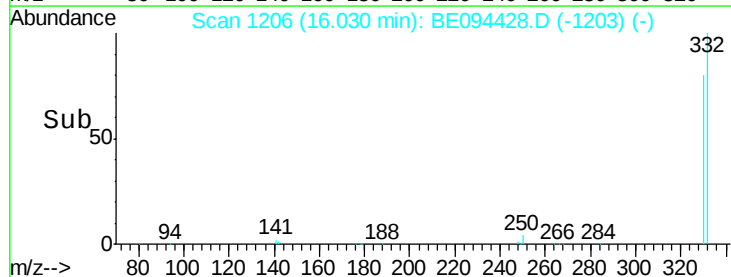
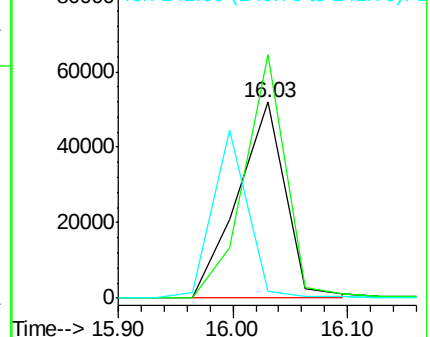
141 0.0 33.7 50.5#

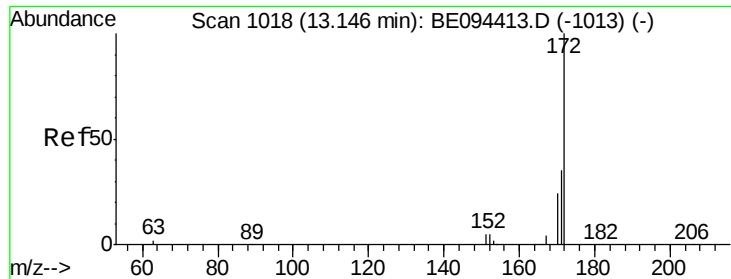


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

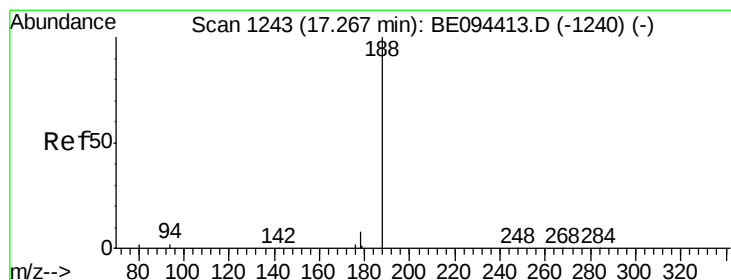
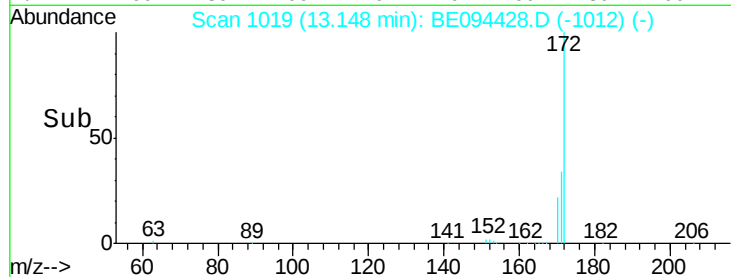
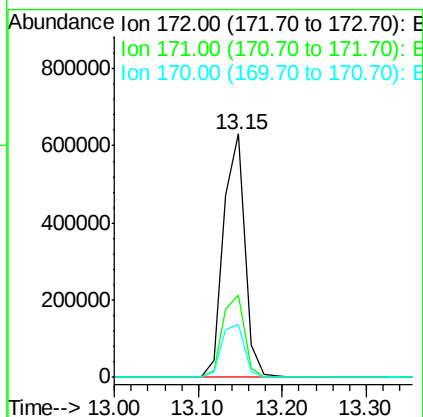
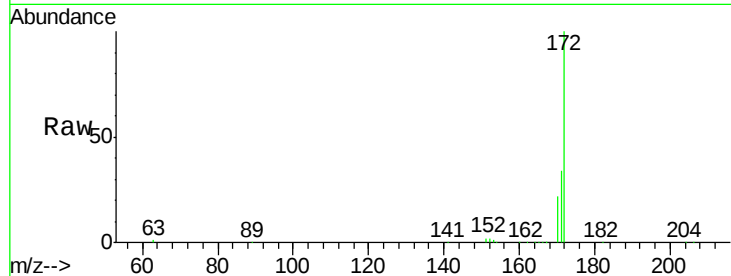




#15
 2-Fluorobiphenyl
 Concen: 1.730 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094428.D
 Acq: 17 Oct 2017 12:26

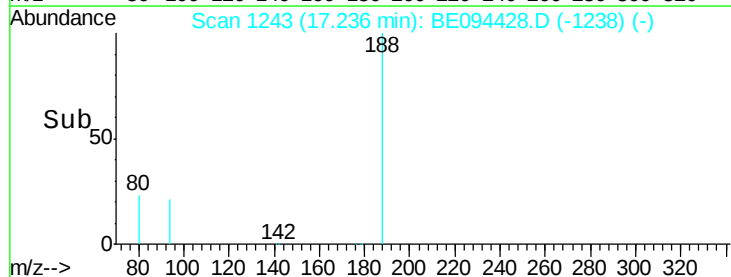
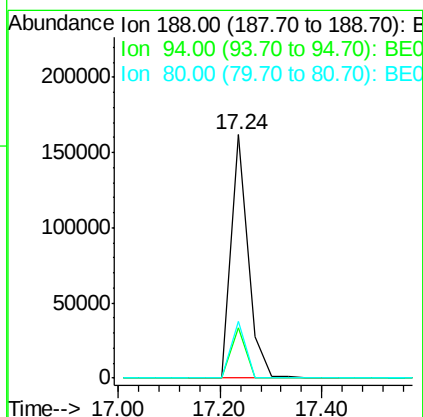
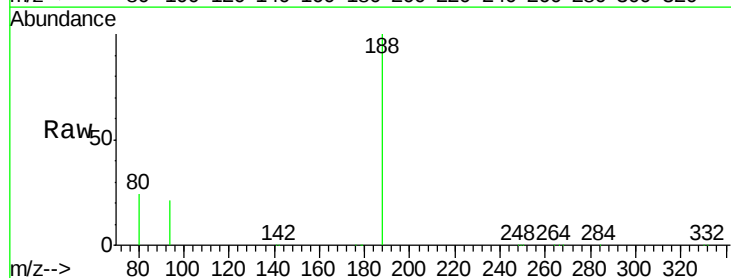
Instrument :
 BNA_E
 ClientSampleId :
 PB102812BL

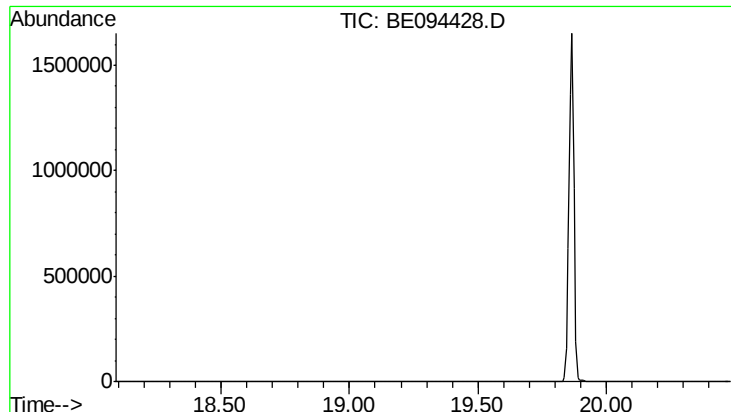
Tgt Ion:172 Resp: 1107368
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.9 44.9
 170 21.6 21.8 32.8#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BE094428.D
 Acq: 17 Oct 2017 12:26

Tgt Ion:188 Resp: 375417
 Ion Ratio Lower Upper
 188 100
 94 20.8 3.9 5.9#
 80 23.5 3.6 5.4#

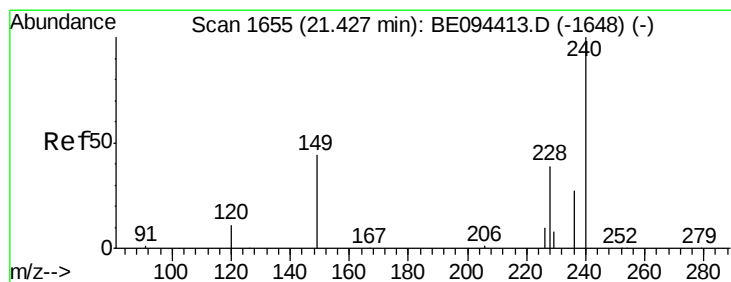
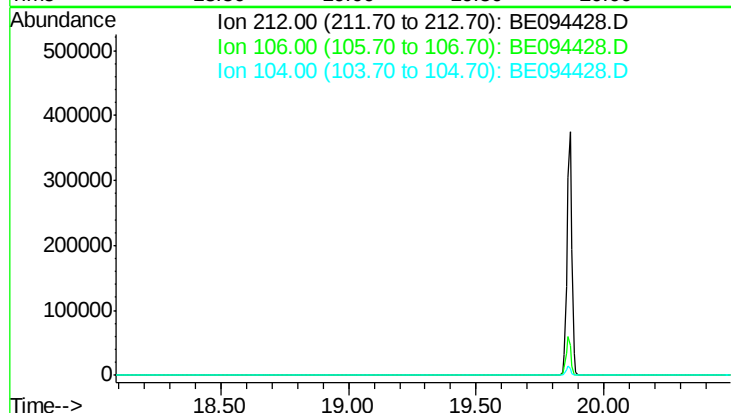




#25
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.29 min
 Lab File: BE094428.D
 Acq: 17 Oct 2017 12:26

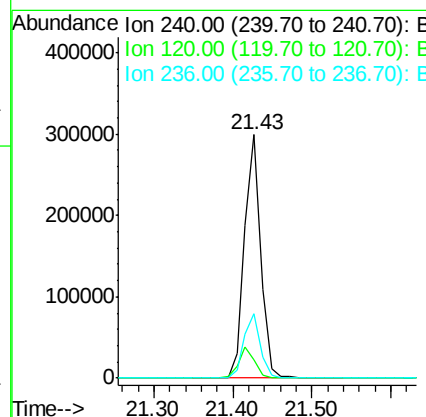
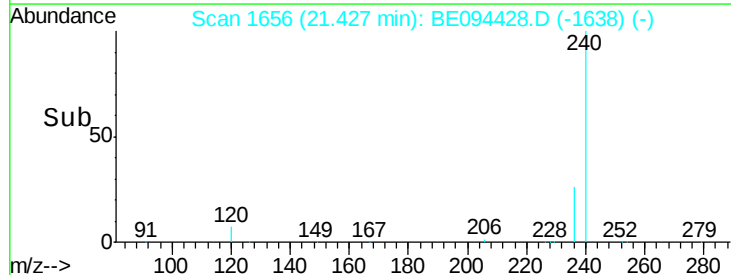
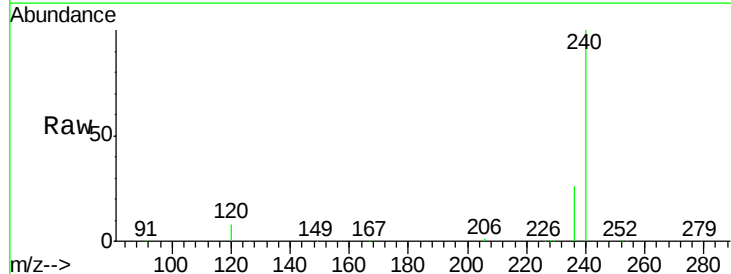
Instrument :
 BNA_E
 ClientSampleId :
 PB102812BL

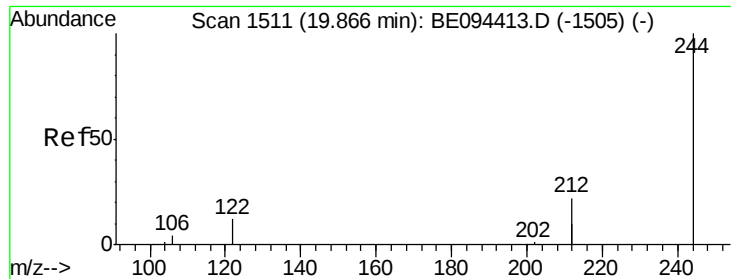
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 3.5
 104 2.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE094428.D
 Acq: 17 Oct 2017 12:26

Tgt Ion: 240 Resp: 429699
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.5 8.3
 236 26.3 20.7 31.1





#29

Terphenyl-d14

Concen: 1.625 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

Instrument :

BNA_E

ClientSampleId :

PB102812BL

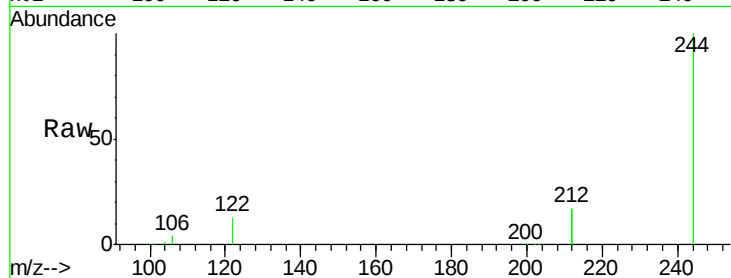
Tgt Ion:244 Resp: 1409141

Ion Ratio Lower Upper

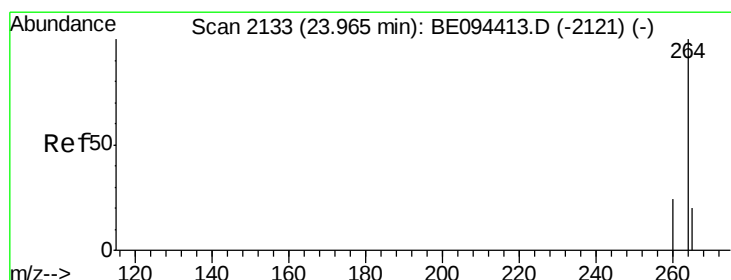
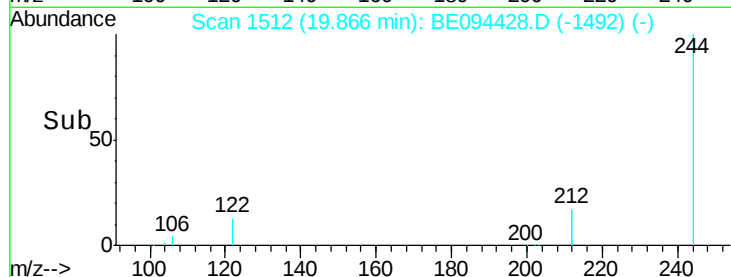
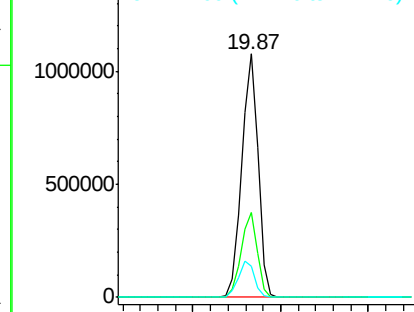
244 100

212 34.8 25.4 38.0

122 12.6 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: 23.96 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BE094428.D

Acq: 17 Oct 2017 12:26

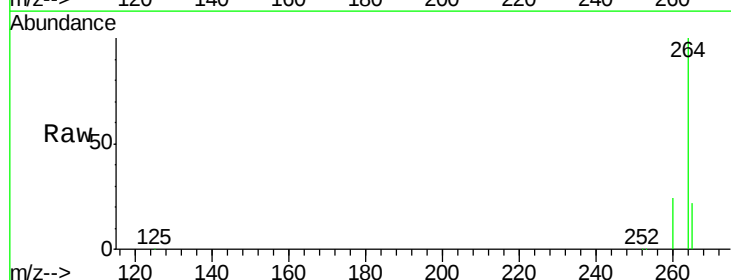
Tgt Ion:264 Resp: 421554

Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

265 21.8 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

