

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094422.D
 Acq On : 16 Oct 2017 18:25
 Operator : SJ/JU
 Sample : I5266-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 16 18:50:23 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	7.92	152	1244	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	5828	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	3015	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	4702	0.40	ng	-0.03
27) Chrysene-d12	0.00	240	0	0.00	ng	-21.43
34) Perylene-d12	0.00	264	0	0.00	ng	-23.96

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.55	112	526733	125.29	ng	0.04
5) Phenol-d6	7.13	99	738498	112.64	ng	0.00
8) Nitrobenzene-d5	9.06	82	534877	105.61	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	2	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	103666	90.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1029623	95.67	ng	0.00
25) Fluoranthene-d10	19.29	212	29	0.00	ng	0.00
29) Terphenyl-d14	0.00	244	0	0.00	ng	

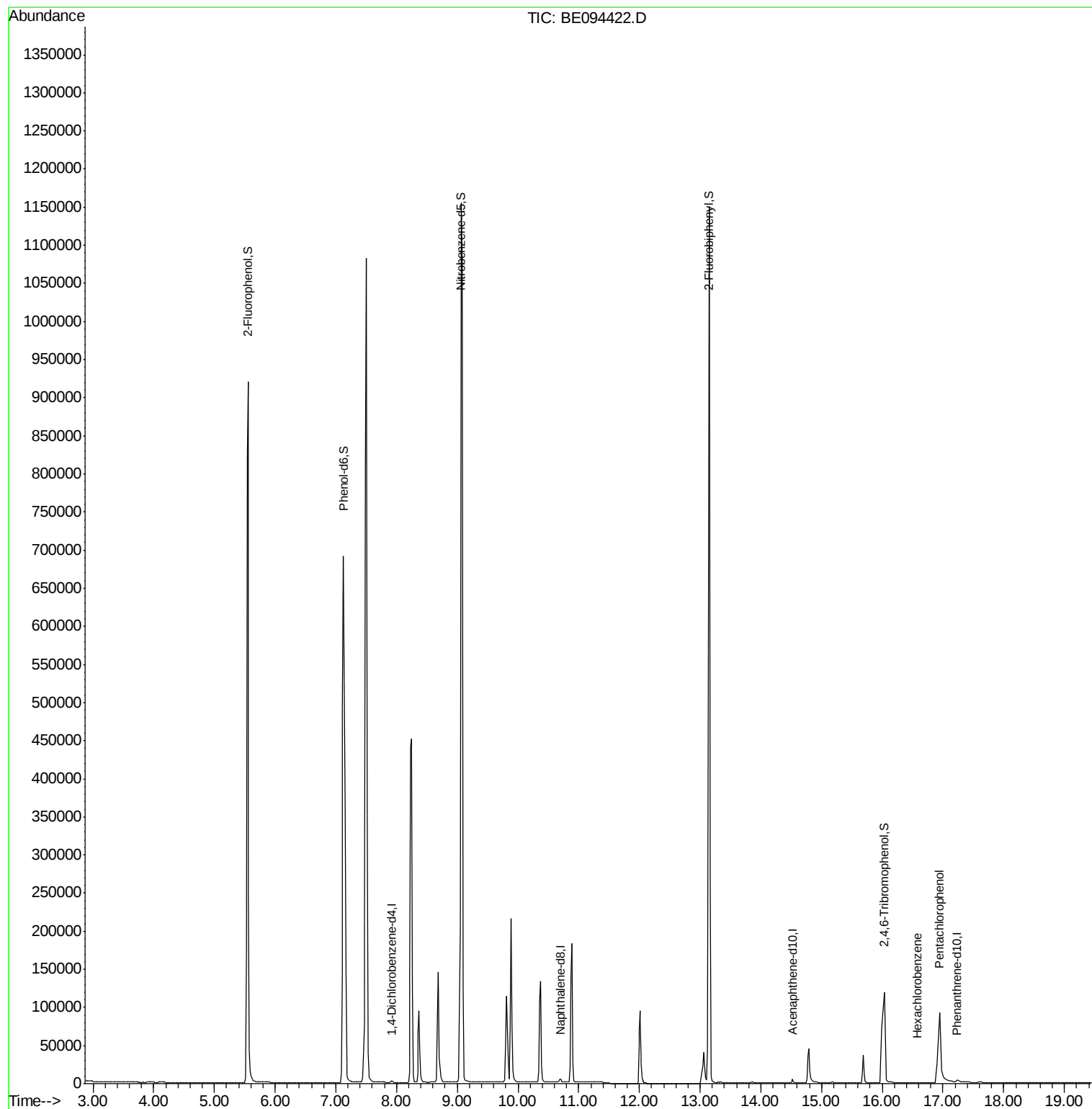
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	4	Below Cal	#	16
21) Hexachlorobenzene	16.58	284	18	0.031	ng	# 38
22) Pentachlorophenol	16.94	266	93561	189.026	ng	# 72

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

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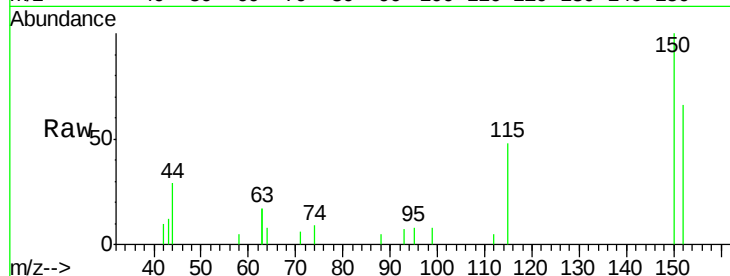


#1

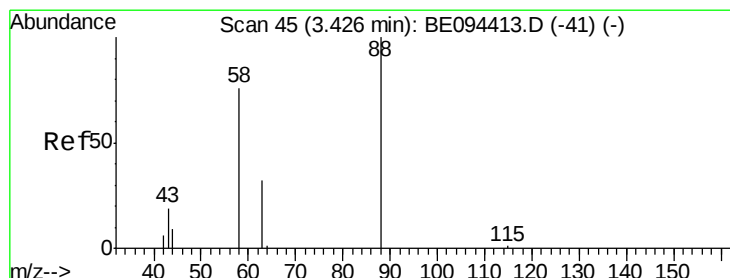
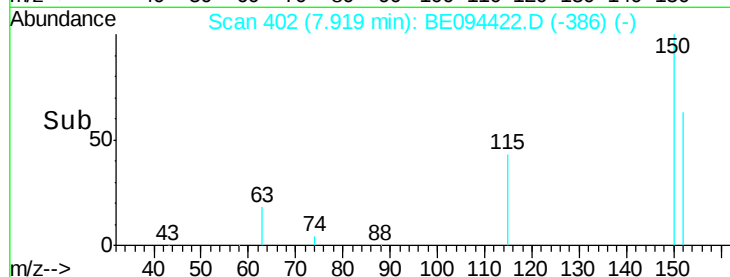
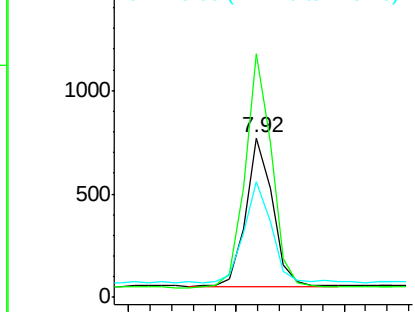
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094422.D
Acq: 16 Oct 2017 18:25

Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 152 Resp: 1244
Ion Ratio Lower Upper
152 100
150 152.7 117.2 175.8
115 72.6 57.0 85.6



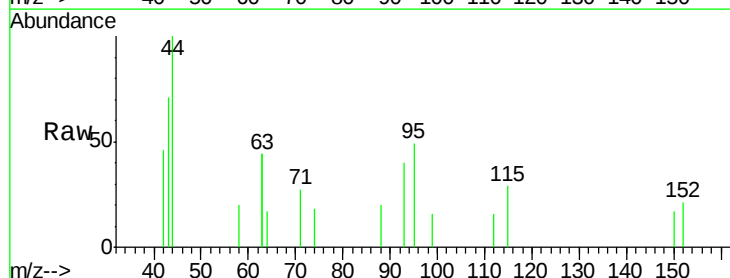
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



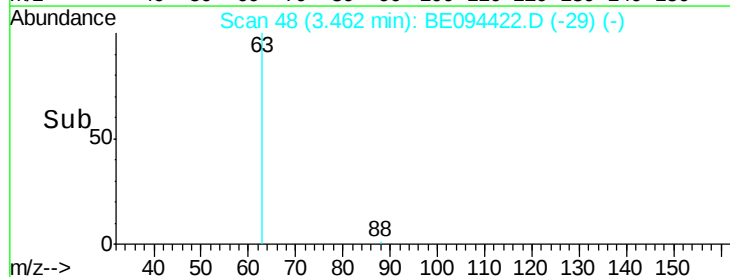
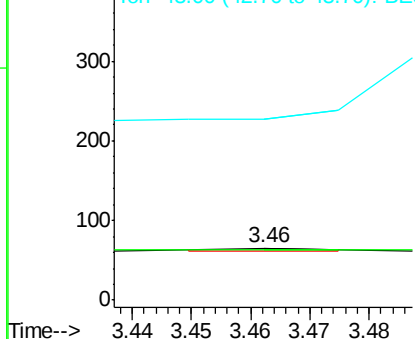
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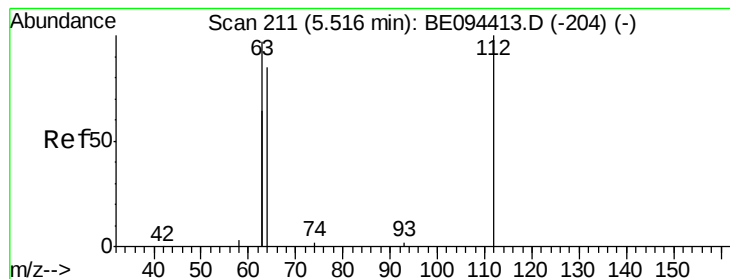
1,4-Dioxane
Concen: Below Cal
RT: 3.46 min Scan# 48
Delta R.T. 0.04 min
Lab File: BE094422.D
Acq: 16 Oct 2017 18:25

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 125.293 ng

RT: 5.55 min Scan# 214

Delta R.T. 0.04 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

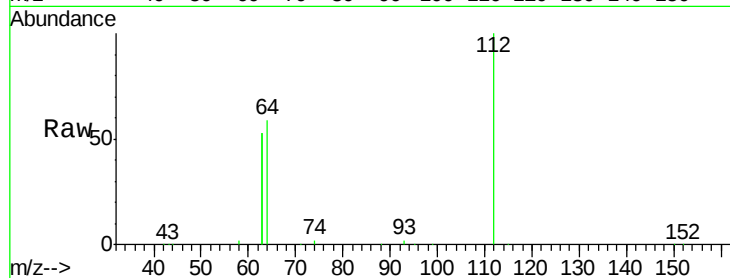
Tgt Ion: 112 Resp: 526733

Ion Ratio Lower Upper

112 100

64 71.9 60.1 90.1

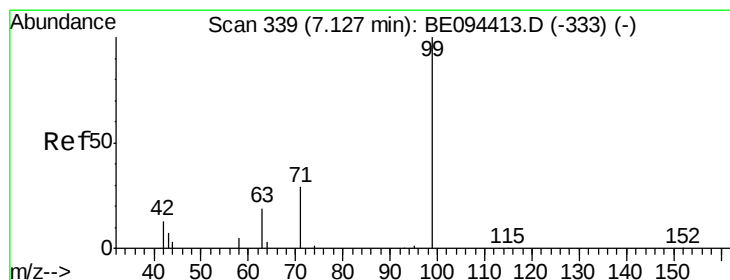
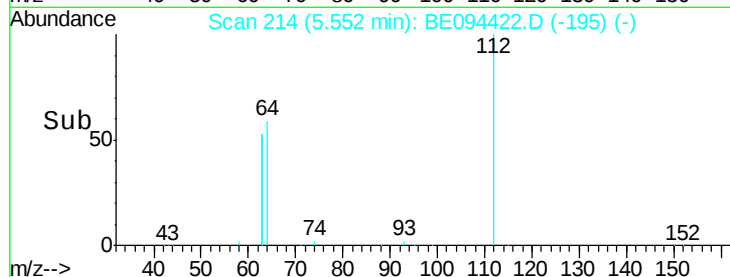
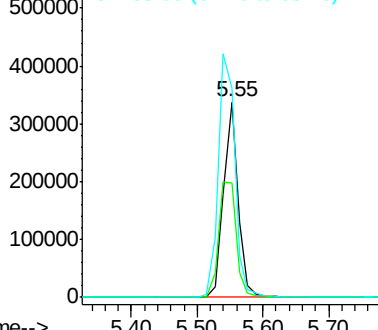
63 142.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 112.637 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

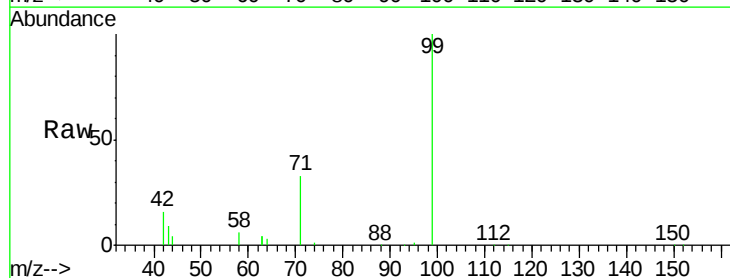
Tgt Ion: 99 Resp: 738498

Ion Ratio Lower Upper

99 100

42 20.0 20.2 30.2#

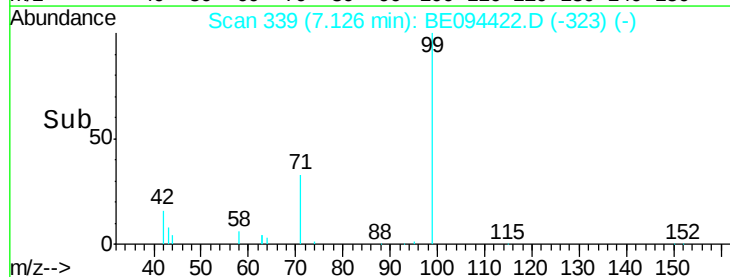
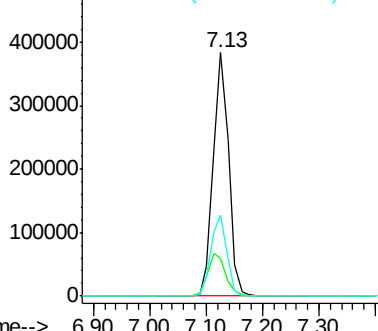
71 34.1 28.4 42.6

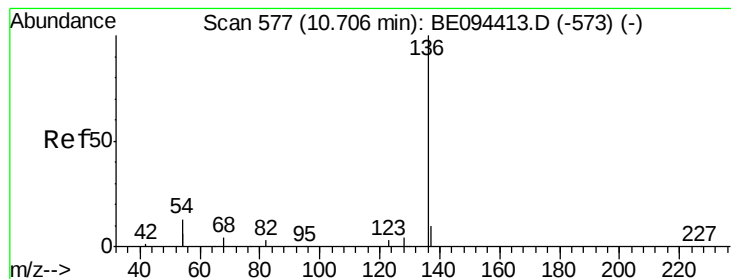


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:136 Resp: 5828

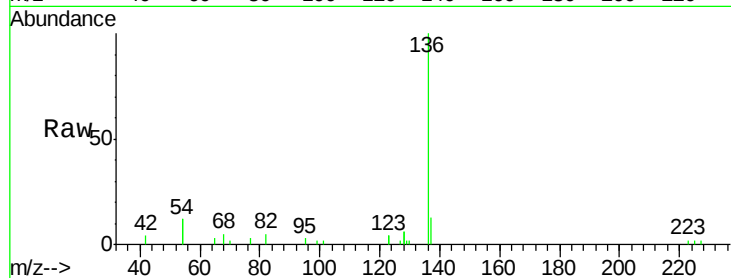
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 23.9 29.1 43.7#

68 5.3 6.2 9.2#

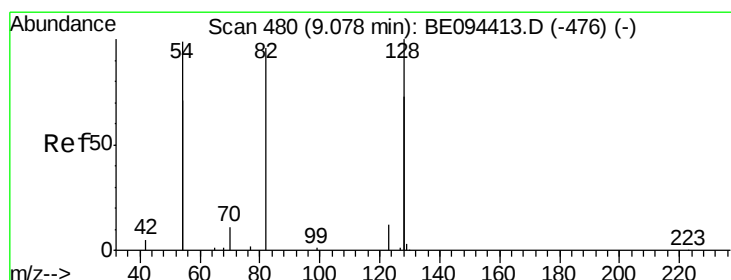
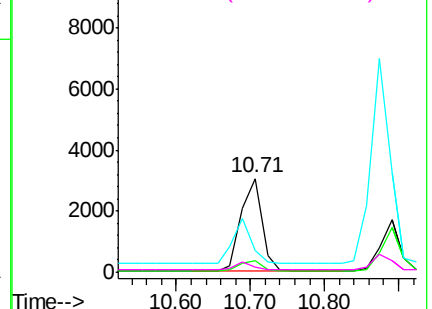
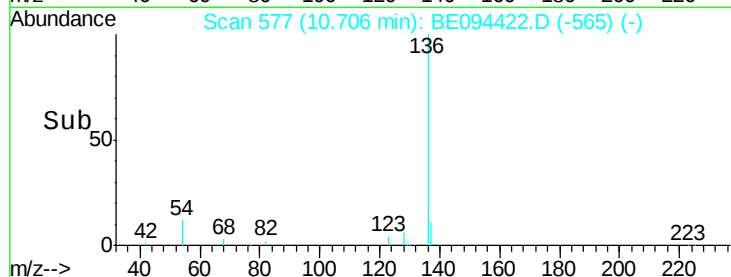


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.612 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

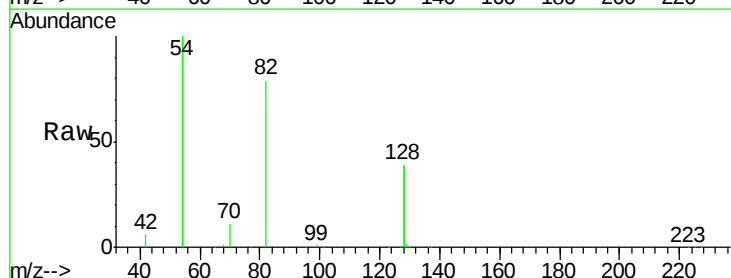
Tgt Ion: 82 Resp: 534877

Ion Ratio Lower Upper

82 100

128 98.9 150.0 225.0#

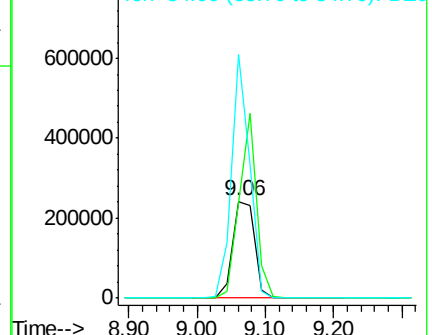
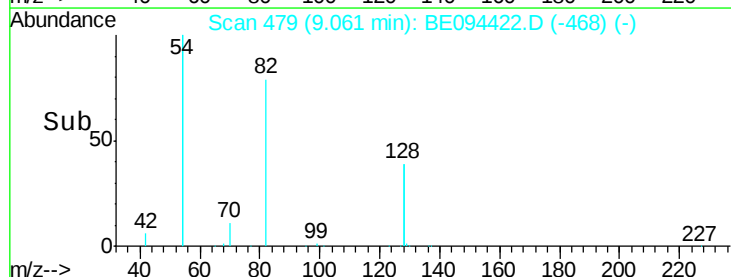
54 251.9 154.2 231.4#

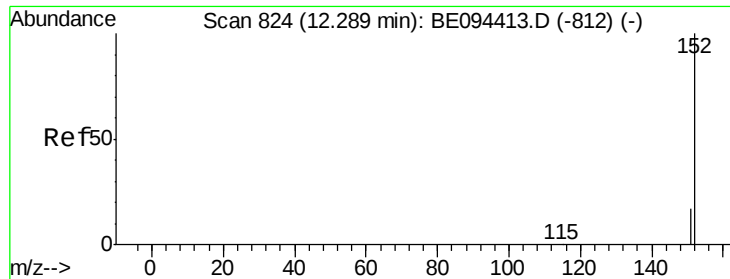


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

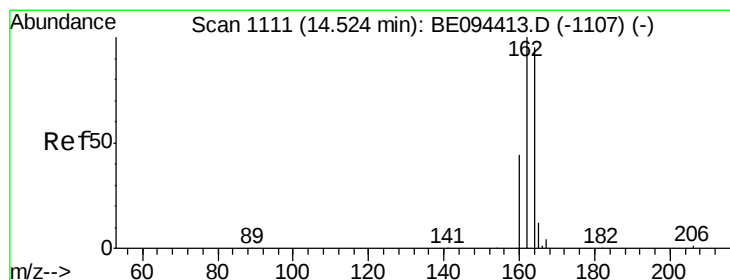
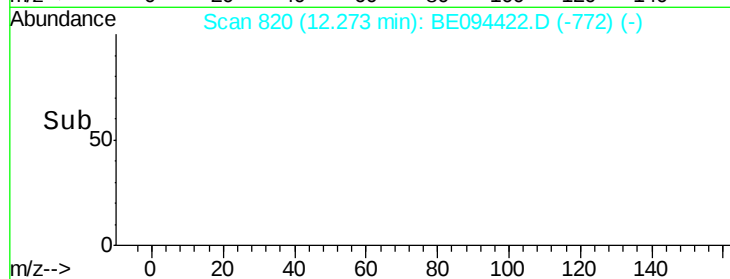
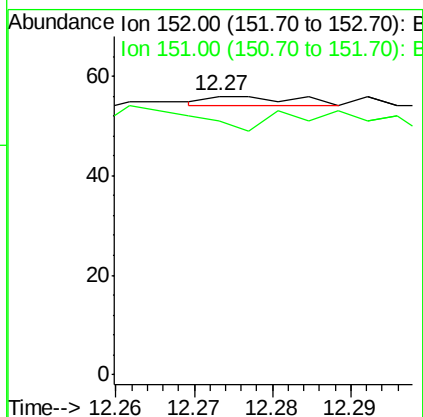
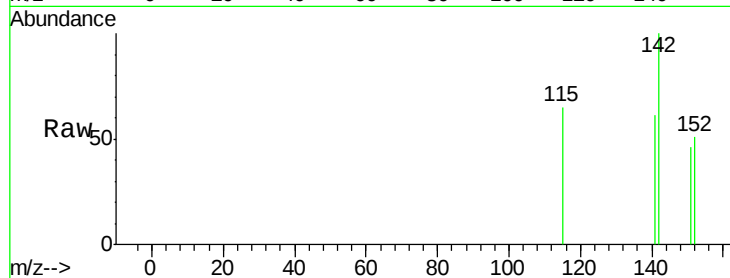




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.27 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

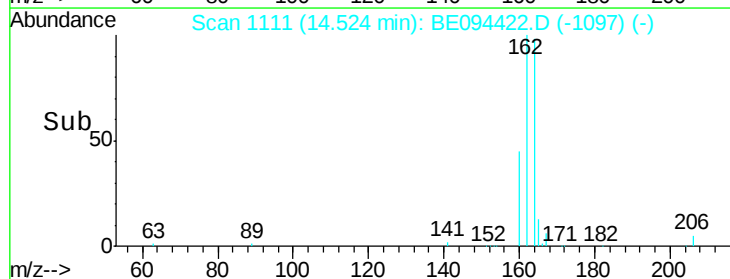
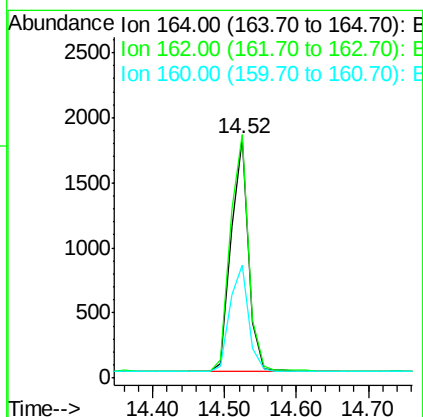
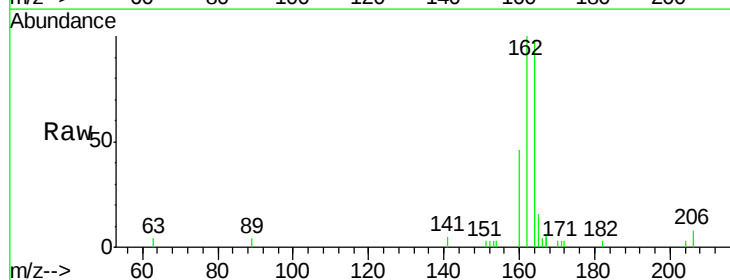
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

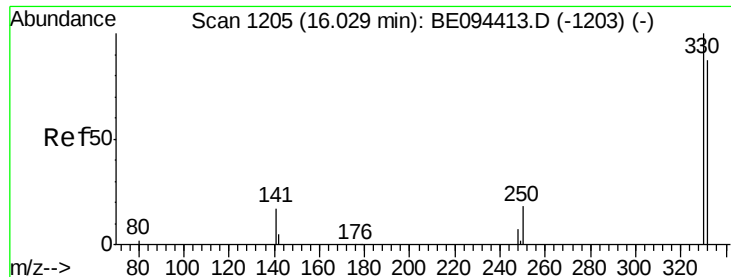
Tgt Ion:152 Resp: 2
 Ion Ratio Lower Upper
 152 100
 151 200.0 15.4 23.0#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

Tgt Ion:164 Resp: 3015
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.1 124.7
 160 47.1 37.1 55.7

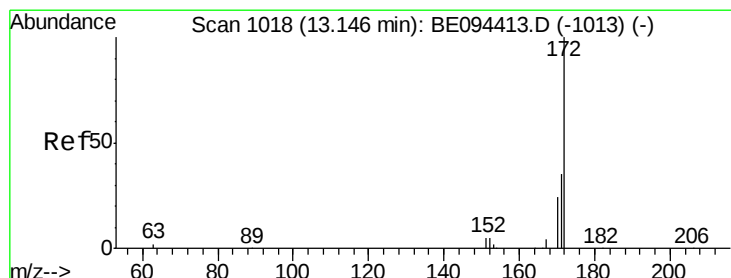
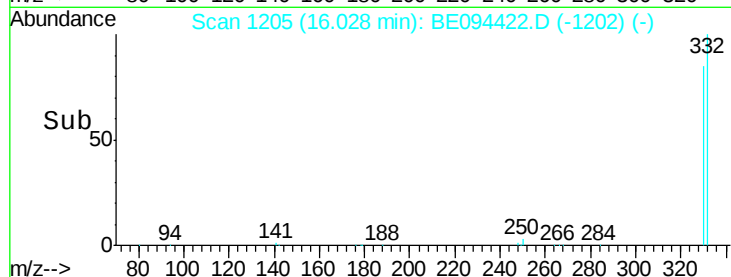
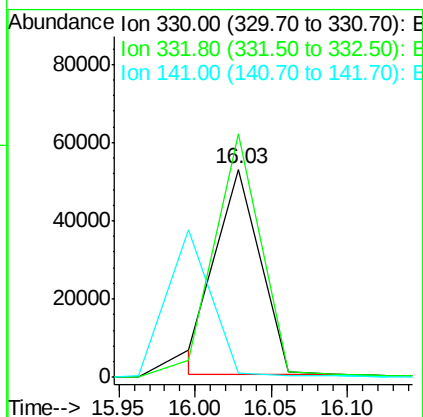
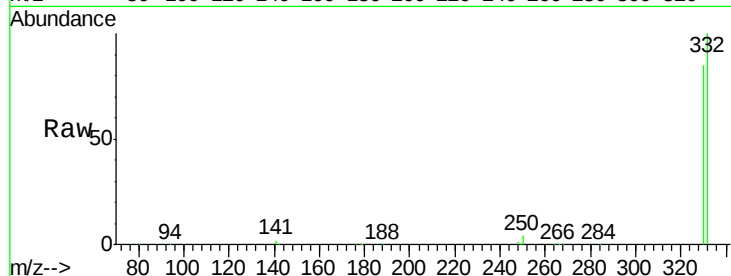




#14
 2,4,6-Tribromophenol
 Concen: 90.252 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

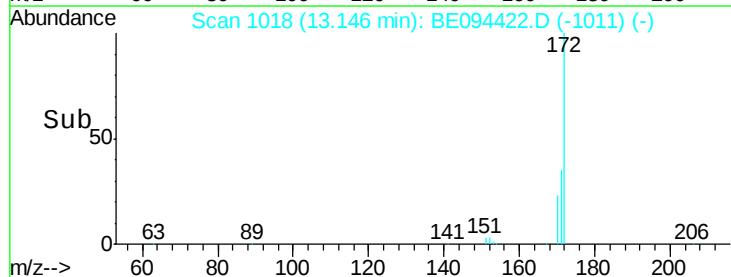
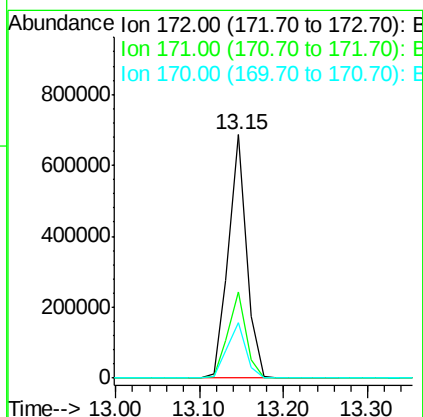
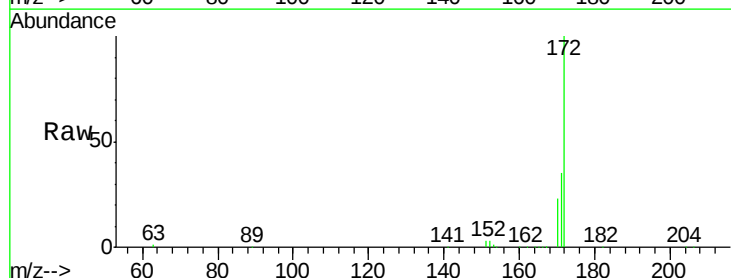
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

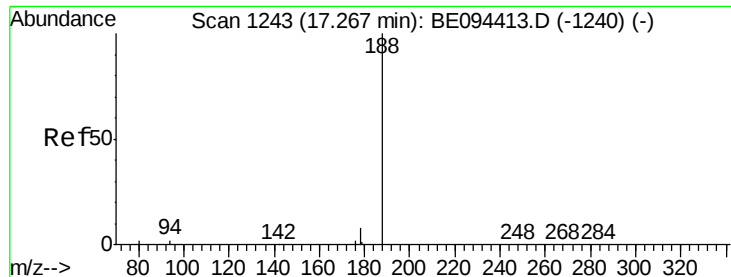
Tgt Ion:330 Resp: 103666
 Ion Ratio Lower Upper
 330 100
 332 117.3 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 95.673 ng
 RT: 13.15 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

Tgt Ion:172 Resp: 1029623
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 22.9 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. -0.03 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

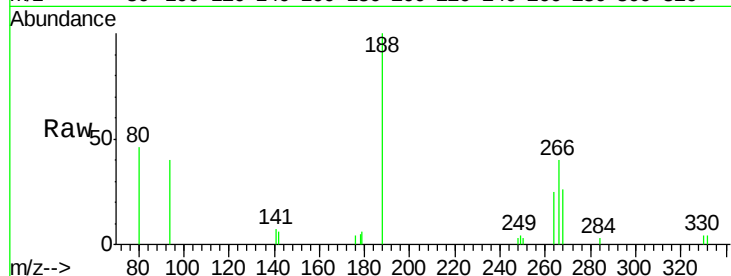
Tgt Ion:188 Resp: 4702

Ion Ratio Lower Upper

188 100

94 39.6 3.9 5.9#

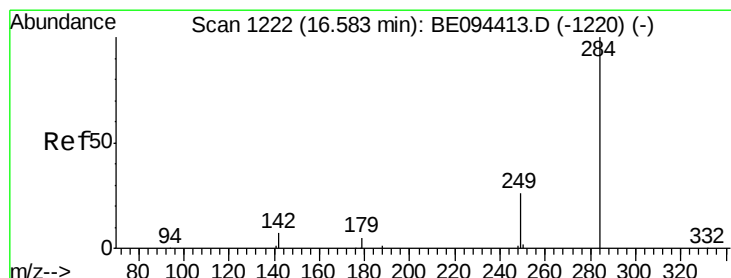
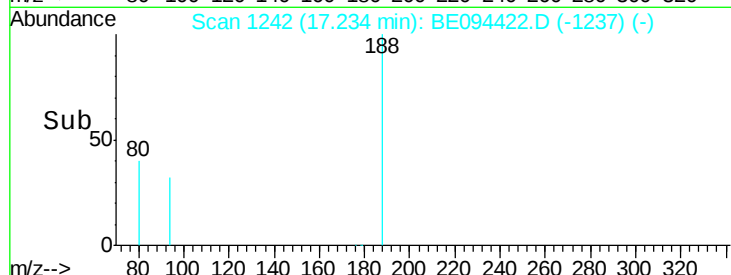
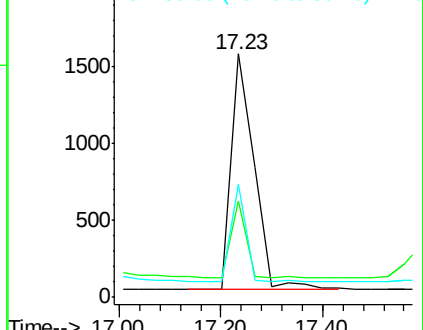
80 46.2 3.6 5.4#



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



#21

Hexachlorobenzene

Concen: 0.031 ng

RT: 16.58 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

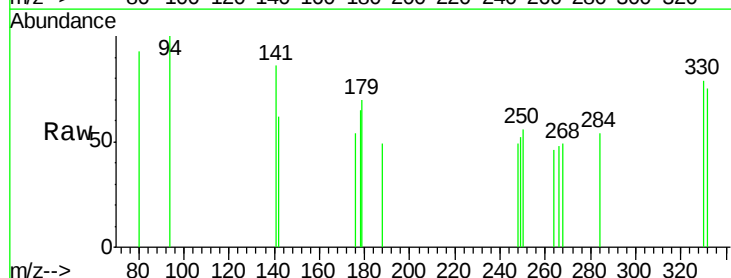
Tgt Ion:284 Resp: 18

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

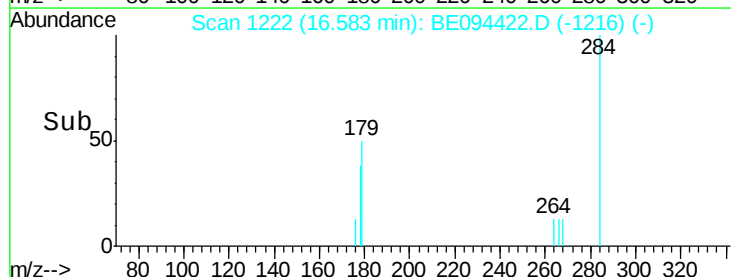
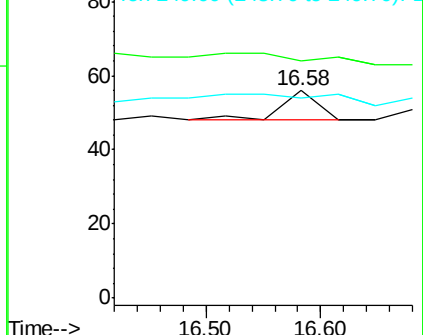
249 0.0 34.8 52.2#

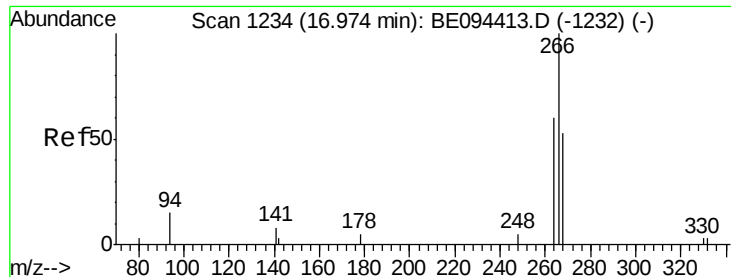


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 189.026 ng

RT: 16.94 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

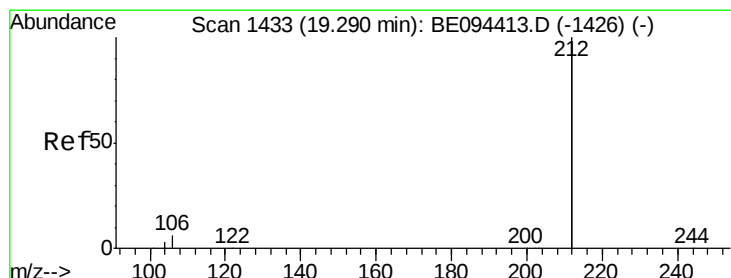
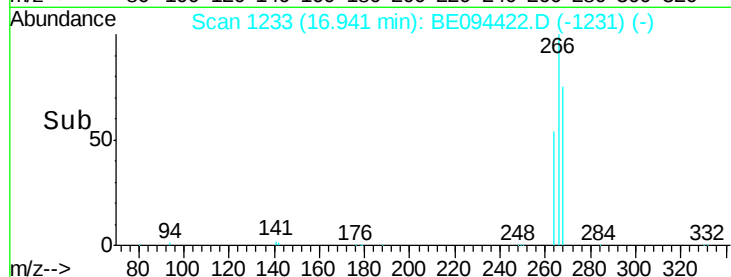
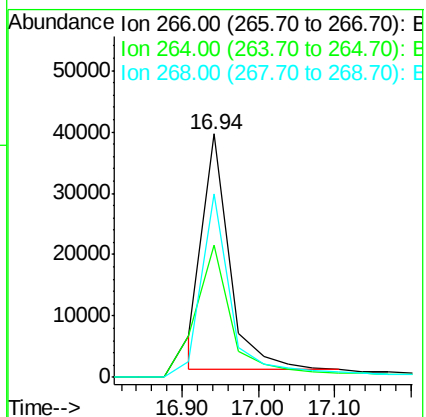
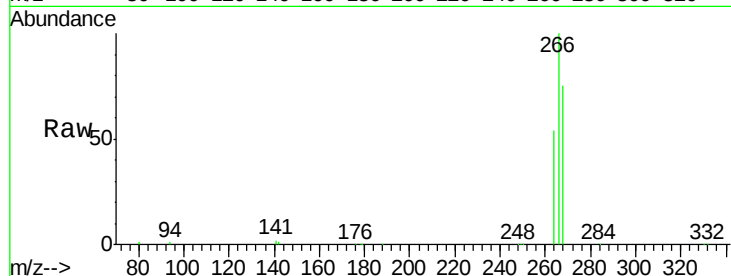
Tgt Ion:266 Resp: 93561

Ion Ratio Lower Upper

266 100

264 54.1 72.5 108.7#

268 75.4 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094422.D

Acq: 16 Oct 2017 18:25

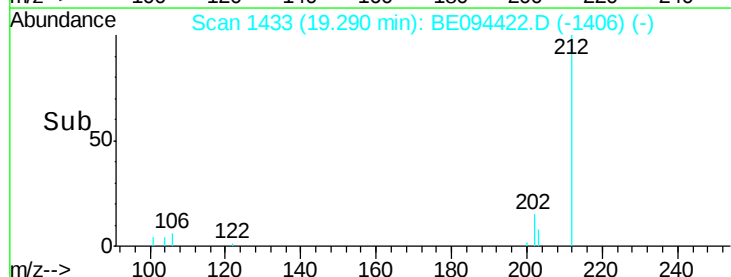
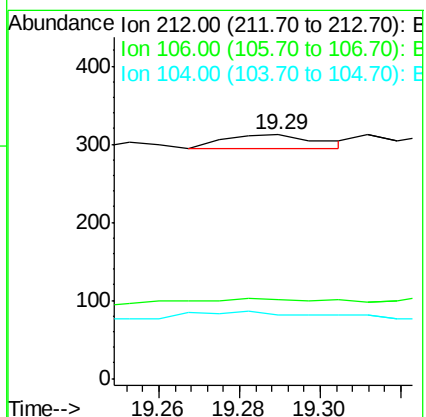
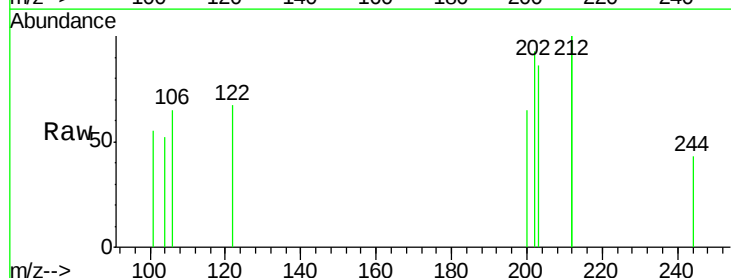
Tgt Ion:212 Resp: 29

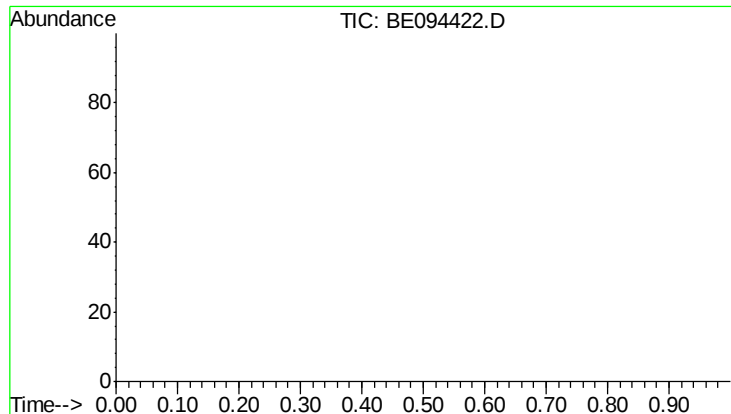
Ion Ratio Lower Upper

212 100

106 86.2 2.8 4.2#

104 79.3 1.6 2.4#



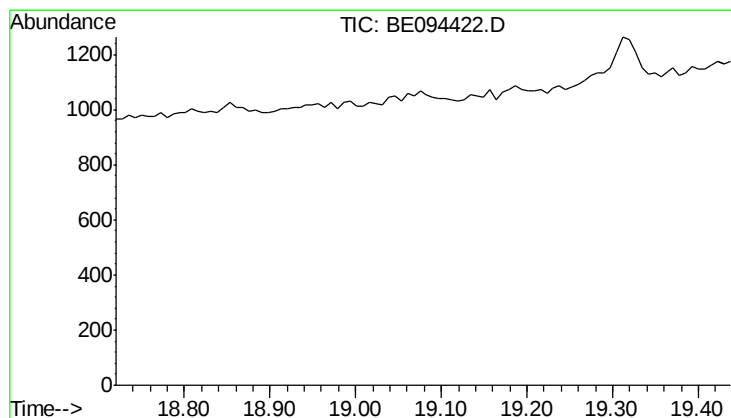
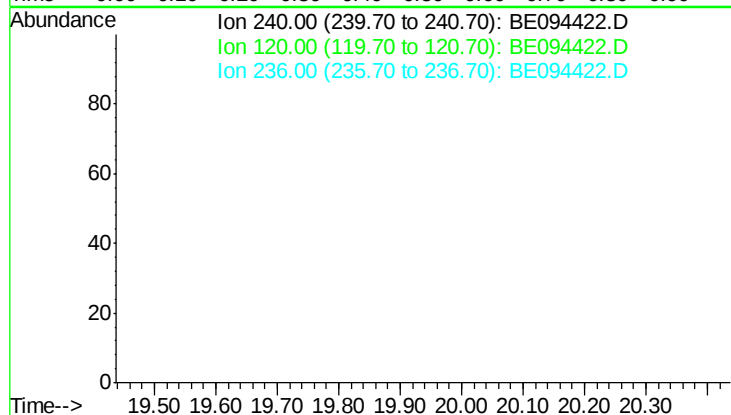


#27
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.43 min

Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

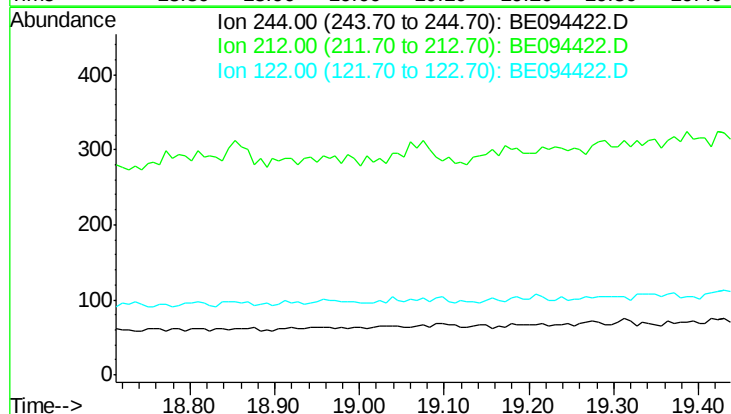
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 6.9
 236 25.9

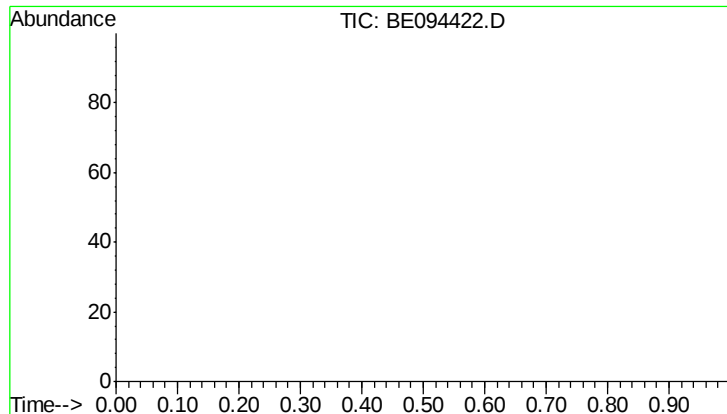


#29
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.87 min

Lab File: BE094422.D
 Acq: 16 Oct 2017 18:25

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 31.7
 122 10.1





#34
Perylene-d12
Concen: 0.000 ng
Expected RT: 23.96 min

Lab File: BE094422.D
Acq: 16 Oct 2017 18:25

Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 264
Sig Exp Ratio
264 100
260 25.6
265 28.5

