

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042016\
 Data File : BE091692.D
 Acq On : 20 Apr 2016 19:32
 Operator : UM/SJ
 Sample : H1739-08 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Apr 21 04:05:54 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 18:55:38 2016
 Response via : Initial Calibration

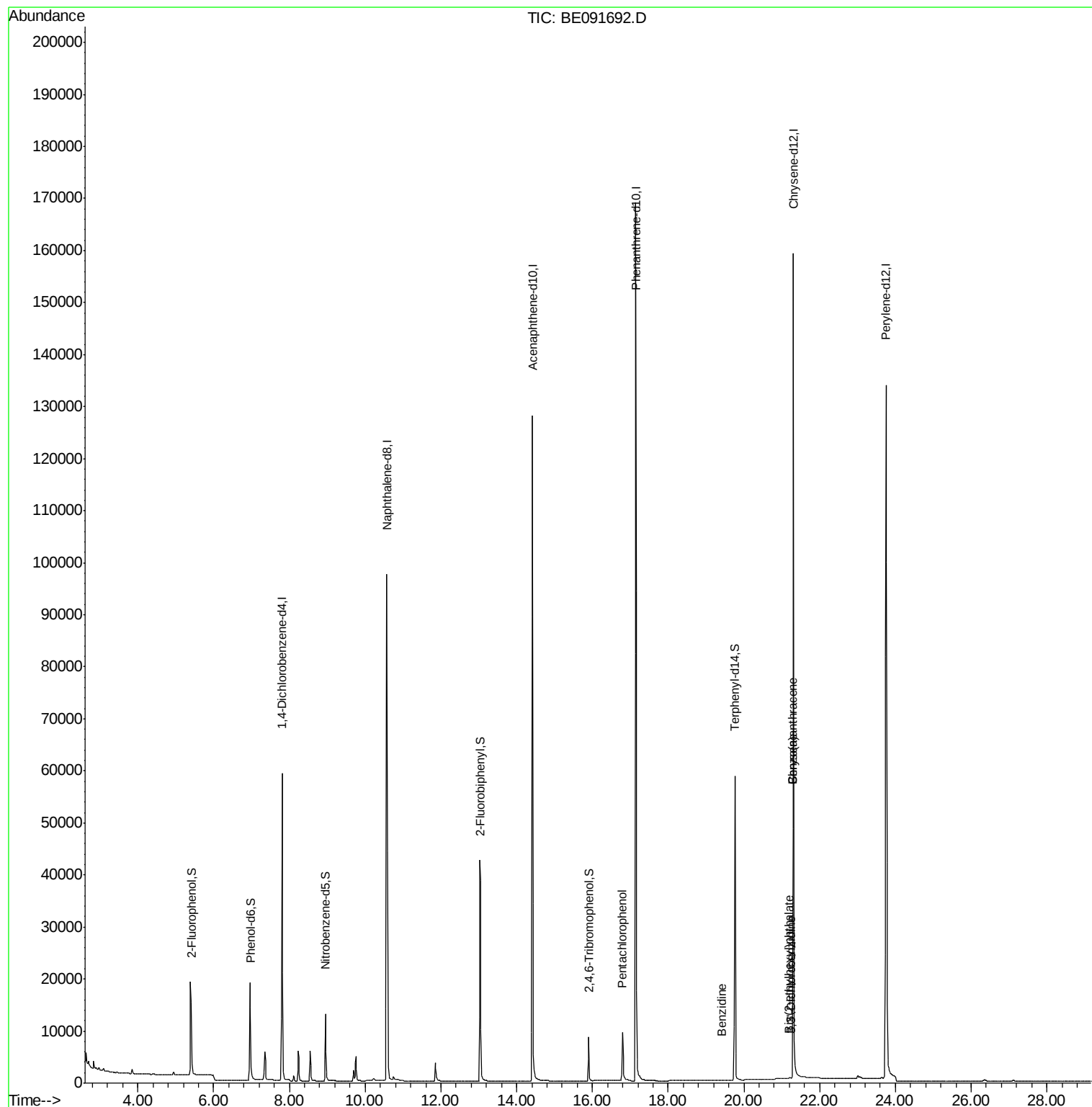
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	29797	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	144115	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	86333	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	221861	5.00	ng	0.00
26) Chrysene-d12	21.31	240	216031	5.00	ng	0.00
35) Perylene-d12	23.75	264	196727	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	17995	2.73	ng	0.00
5) Phenol-d6	6.97	99	25088	2.81	ng	0.00
8) Nitrobenzene-d5	8.96	82	13894	1.81	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	7014	2.70	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	48589	2.04	ng	0.00
29) Terphenyl-d14	19.76	244	70763	2.07	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.79	266	7580	2.43	ng	89
27) Benzidine	19.42	184	124	0.22	ng	# 1
30) Benzo(a)anthracene	21.29	228	1471	0.03	ng	# 88
31) 3,3'-Dichlorobenzidine	21.24	252	177	0.21	ng	# 69
32) Chrysene	21.29	228	1491	0.03	ng	# 91
33) Bis(2-ethylhexyl)phthalate	21.20	149	263	0.05	ng	# 57

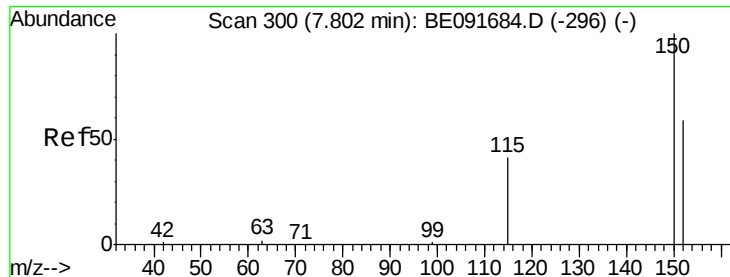
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

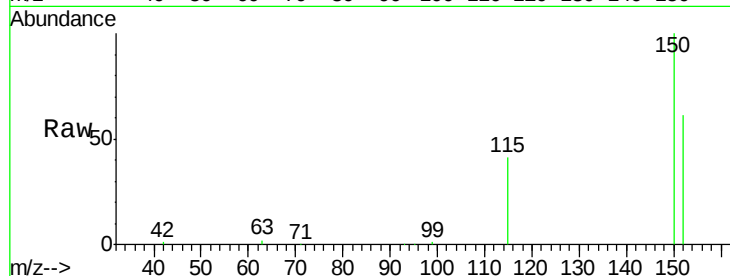
Tgt Ion:152 Resp: 29797

Ion Ratio Lower Upper

152 100

150 164.6 122.6 183.8

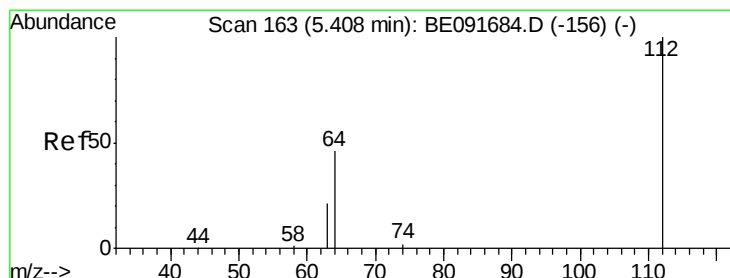
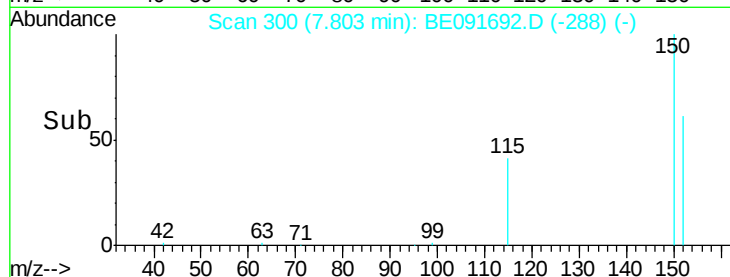
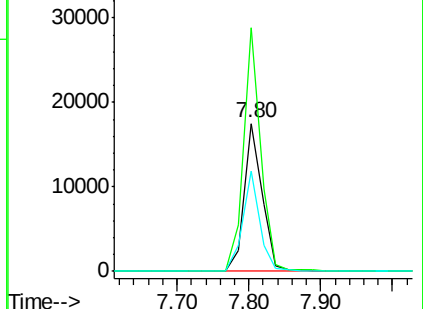
115 67.5 52.8 79.2



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: 2.73 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

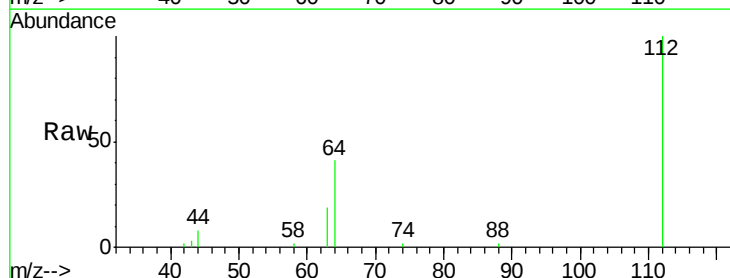
Tgt Ion:112 Resp: 17995

Ion Ratio Lower Upper

112 100

64 68.3 30.9 46.3#

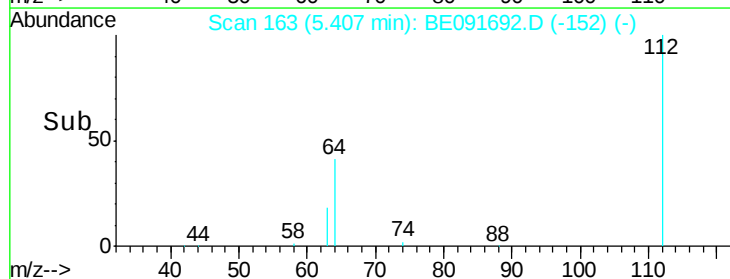
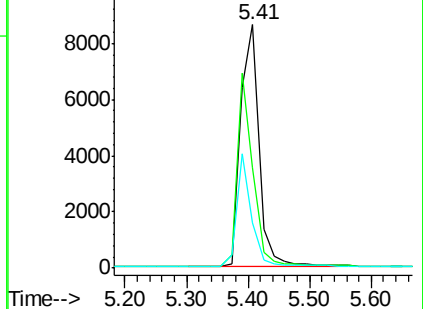
63 37.2 16.7 25.1#

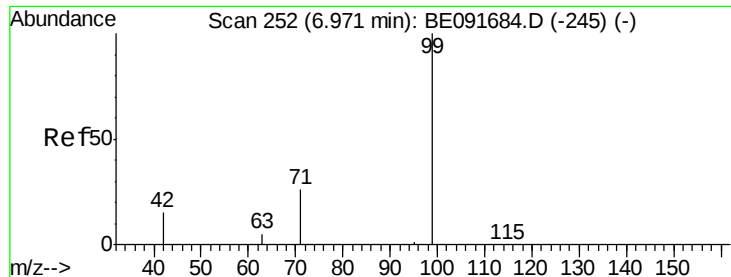


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.81 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

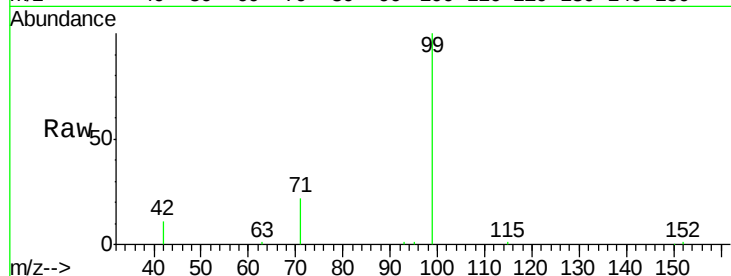
Tgt Ion: 99 Resp: 25088

Ion Ratio Lower Upper

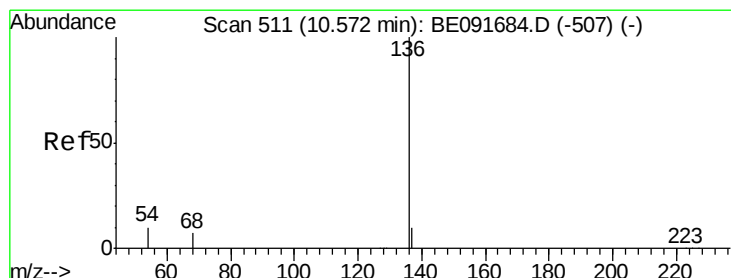
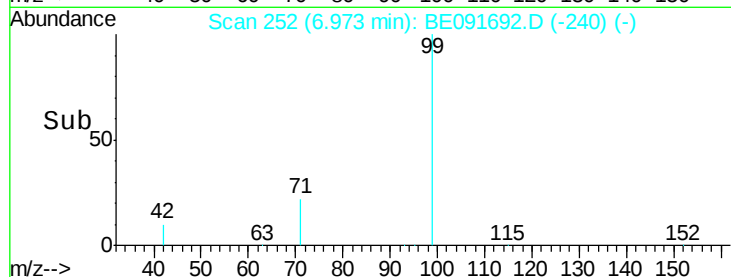
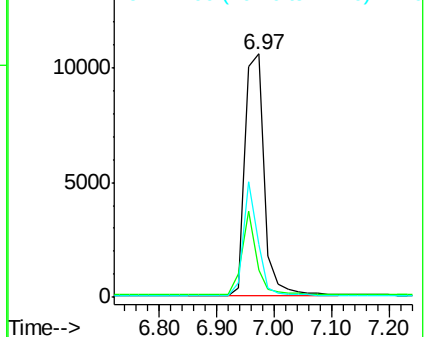
99 100

42 25.8 16.2 24.2#

71 36.0 29.0 43.4



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: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

Tgt Ion: 136 Resp: 144115

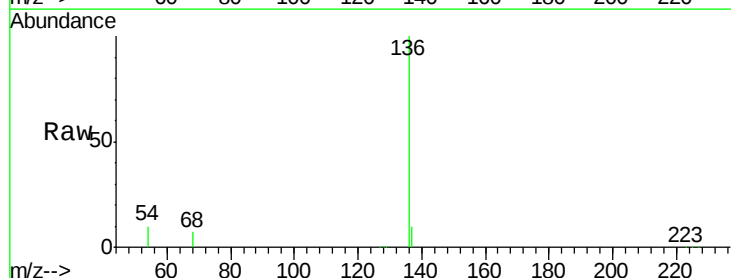
Ion Ratio Lower Upper

136 100

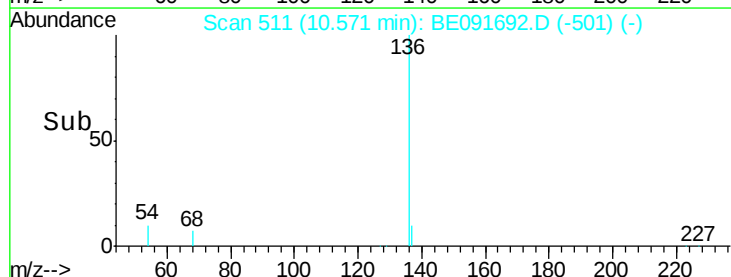
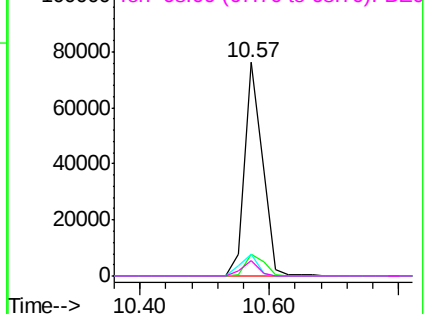
137 10.3 8.9 13.3

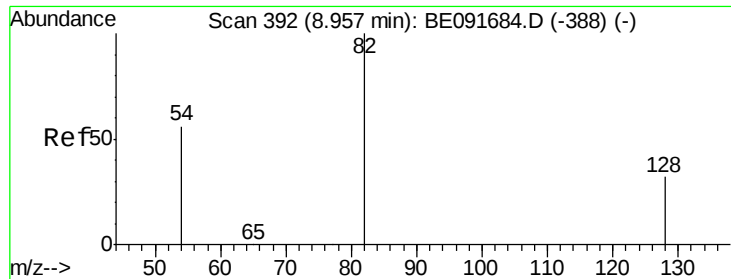
54 10.4 8.2 12.4

68 7.1 6.2 9.4



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

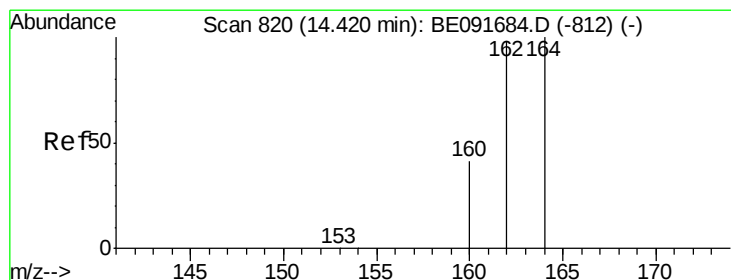
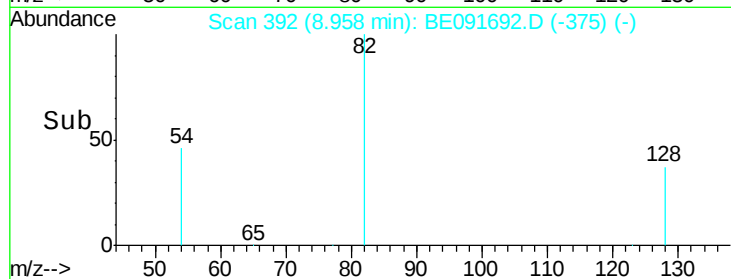
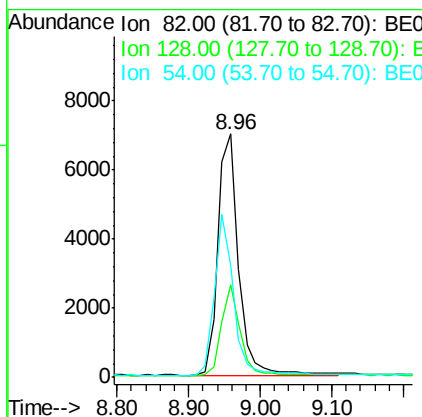
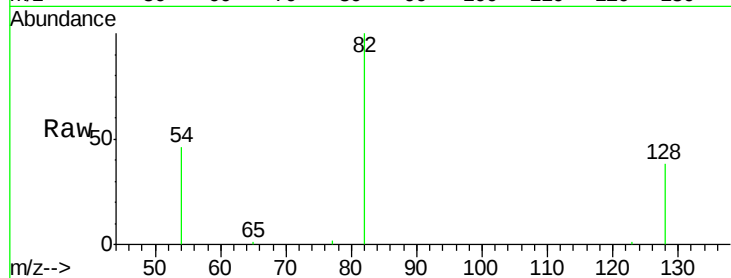




#8
 Nitrobenzene-d5
 Concen: 1.81 ng
 RT: 8.96 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

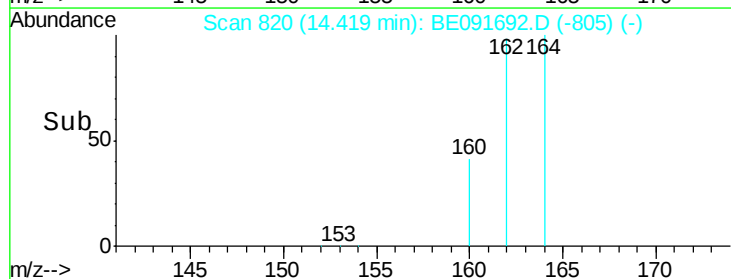
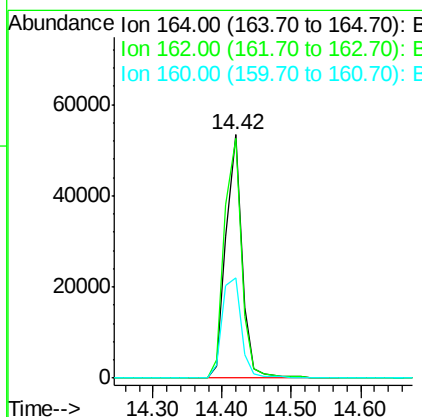
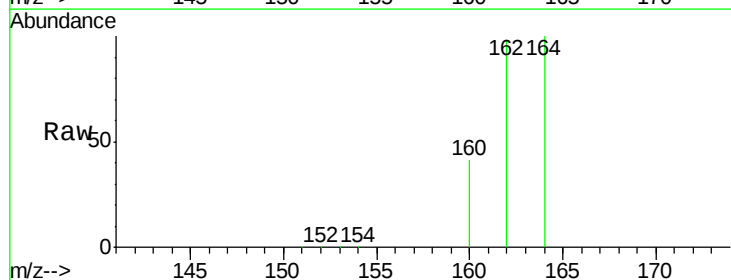
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

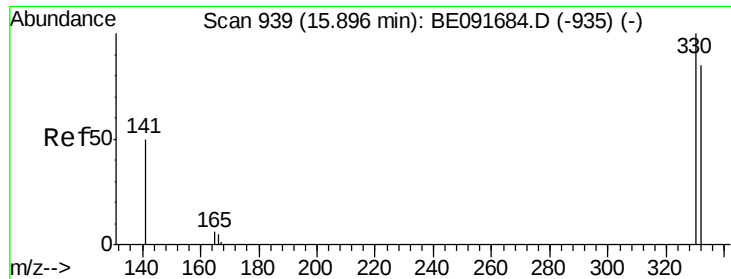
Tgt Ion: 82 Resp: 13894
 Ion Ratio Lower Upper
 82 100
 128 38.0 25.4 38.0
 54 46.2 48.4 72.6#



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

Tgt Ion: 164 Resp: 86333
 Ion Ratio Lower Upper
 164 100
 162 98.5 85.3 127.9
 160 41.1 46.2 69.2#

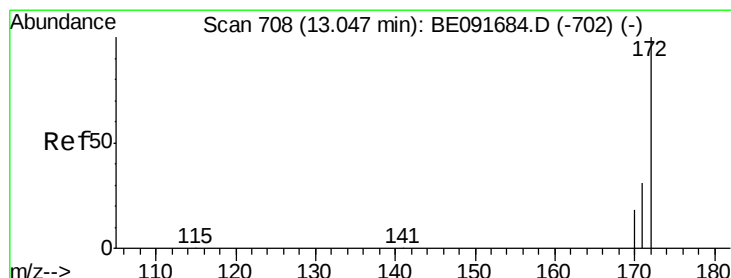
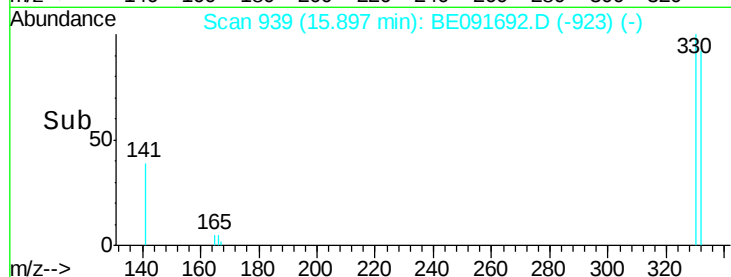
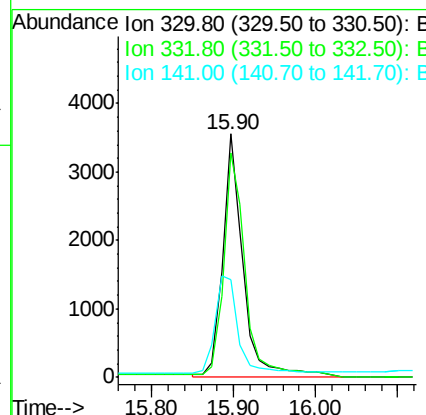
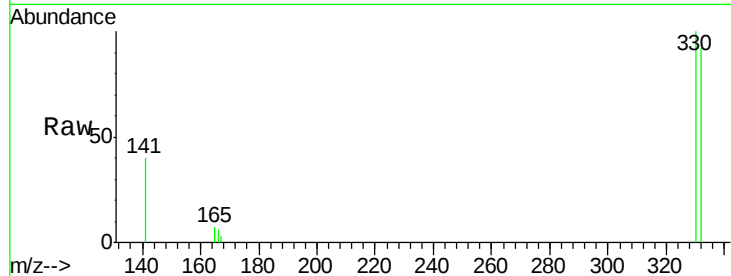




#14
 2,4,6-Tribromophenol
 Concen: 2.70 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

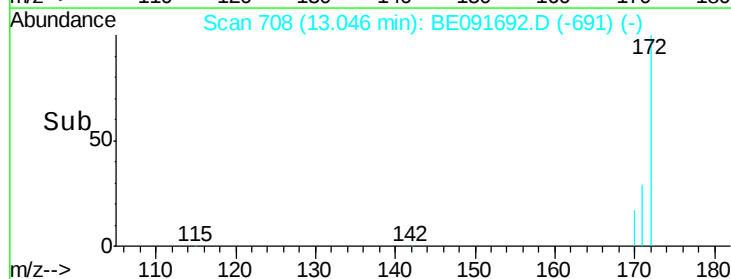
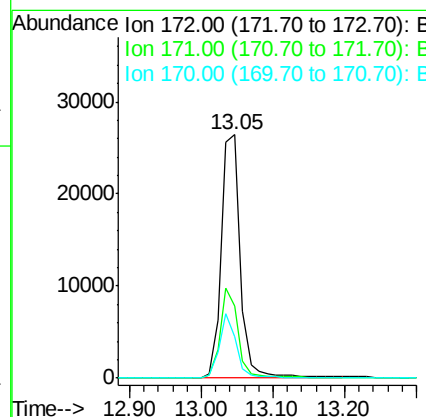
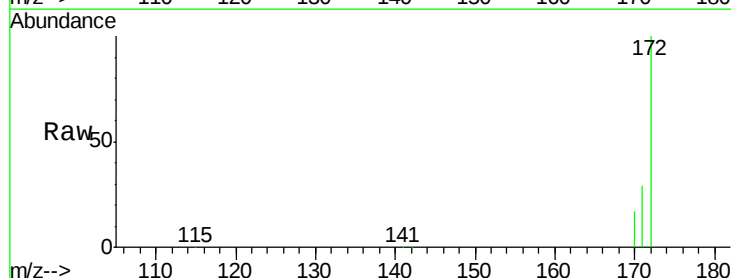
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

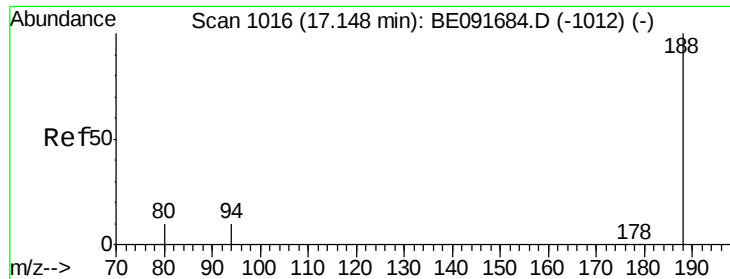
Tgt Ion:330 Resp: 7014
 Ion Ratio Lower Upper
 330 100
 332 98.1 79.1 118.7
 141 43.9 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 2.04 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

Tgt Ion:172 Resp: 48589
 Ion Ratio Lower Upper
 172 100
 171 29.5 28.8 43.2
 170 17.1 19.3 28.9#

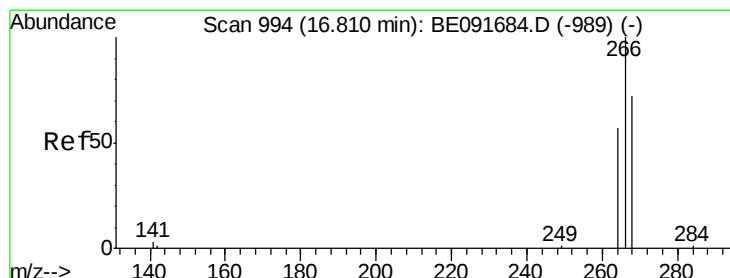
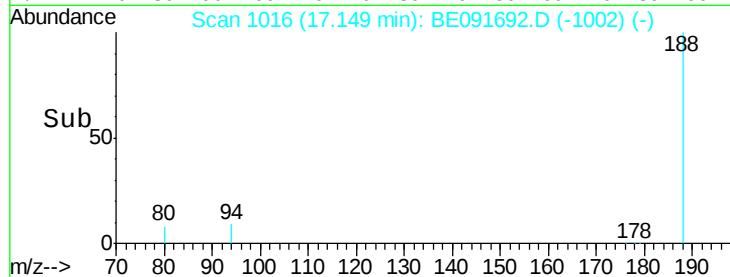
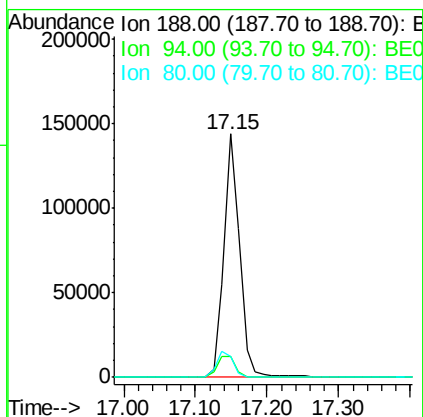
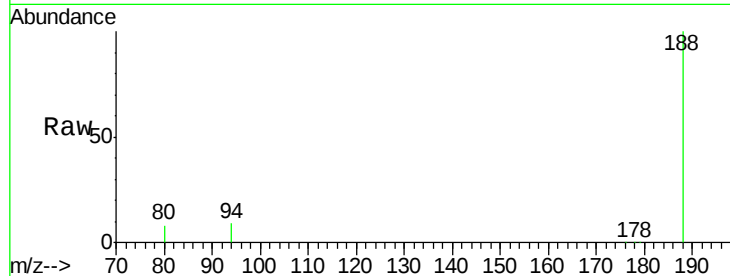




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091692.D
Acq: 20 Apr 2016 19:32

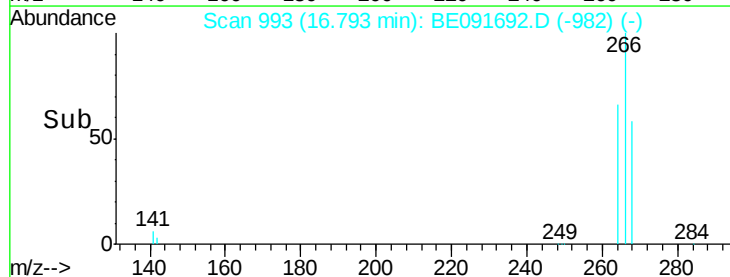
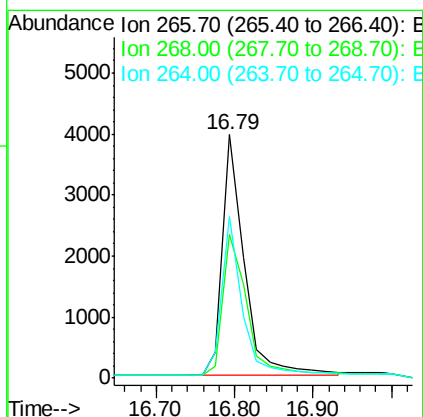
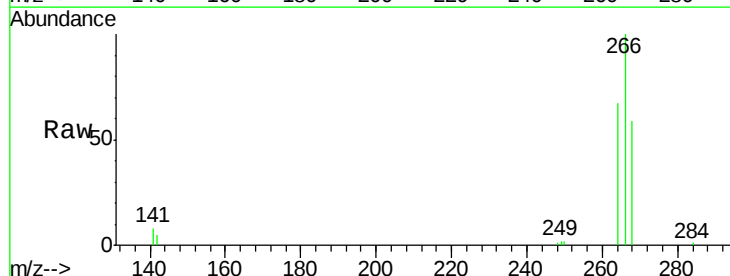
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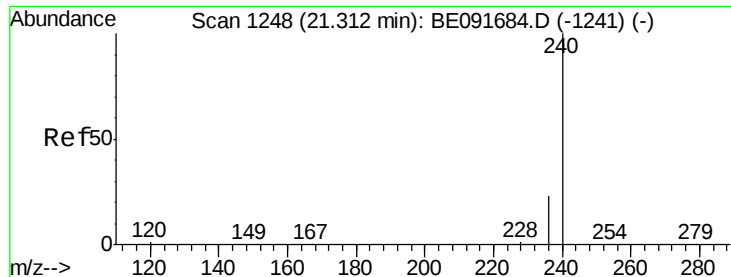
Tgt Ion:188 Resp: 221861
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 8.5 9.4 14.0#



#22
Pentachlorophenol
Concen: 2.43 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091692.D
Acq: 20 Apr 2016 19:32

Tgt Ion:266 Resp: 7580
Ion Ratio Lower Upper
266 100
268 58.9 58.2 87.2
264 66.6 56.2 84.4

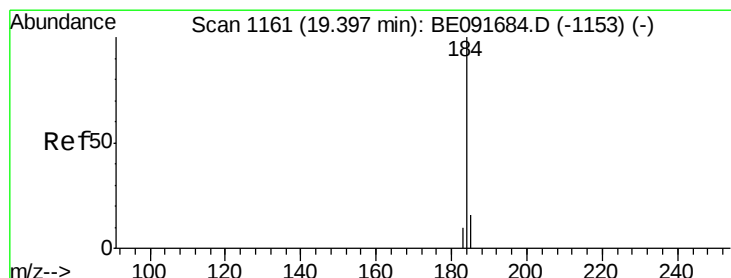
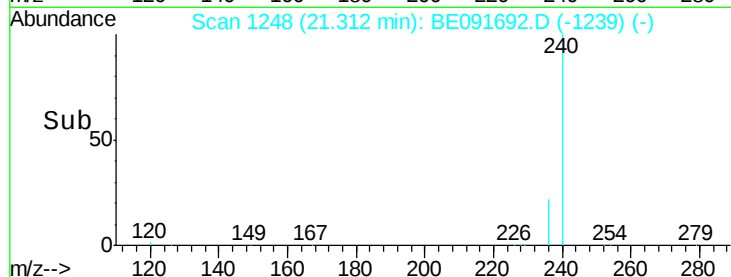
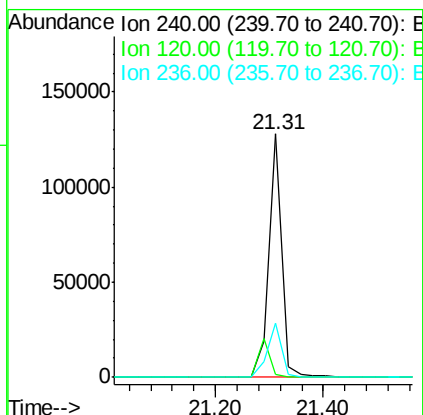
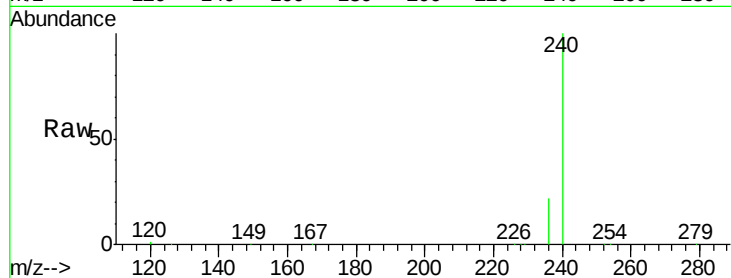




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091692.D
Acq: 20 Apr 2016 19:32

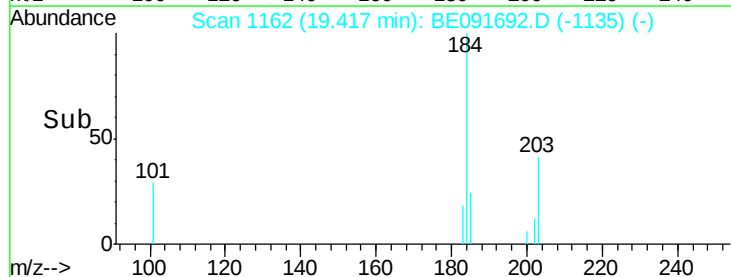
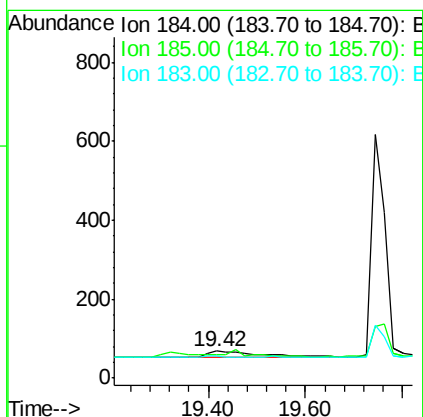
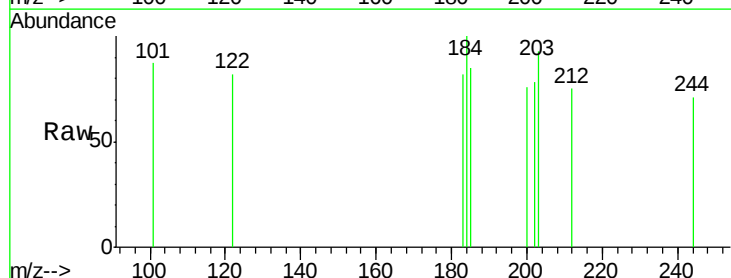
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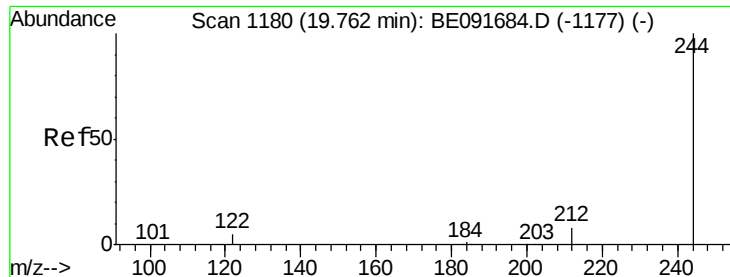
Tgt Ion:240 Resp: 216031
Ion Ratio Lower Upper
240 100
120 1.3 11.0 16.4#
236 22.4 21.7 32.5



#27
Benzidine
Concen: 0.22 ng
RT: 19.42 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BE091692.D
Acq: 20 Apr 2016 19:32

Tgt Ion:184 Resp: 124
Ion Ratio Lower Upper
184 100
185 85.3 22.3 33.5#
183 82.4 16.4 24.6#





#29

Terphenyl-d14

Concen: 2.07 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

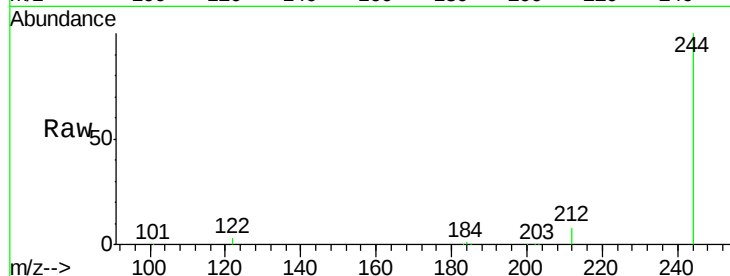
Tgt Ion:244 Resp: 70763

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

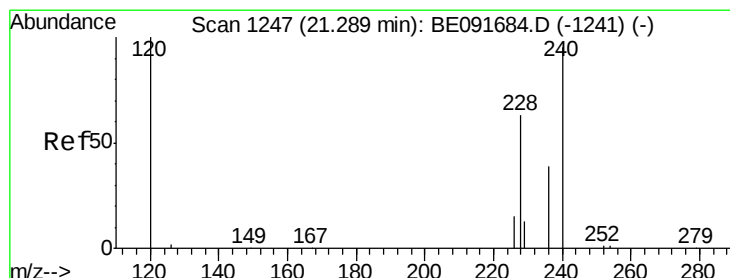
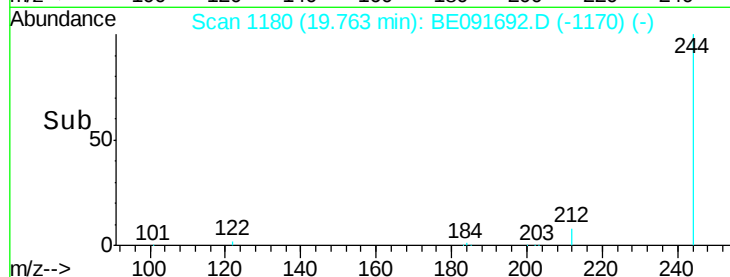
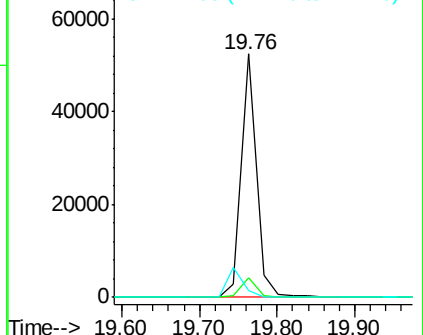
122 2.5 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

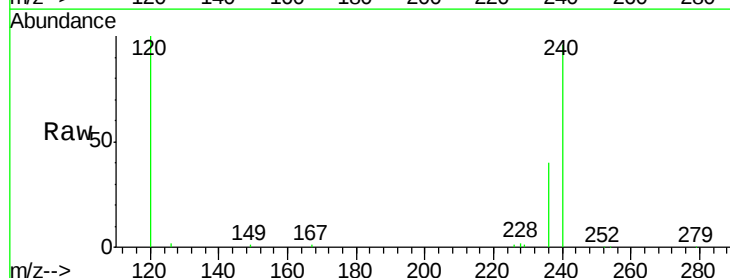
Tgt Ion:228 Resp: 1471

Ion Ratio Lower Upper

228 100

226 29.0 21.0 31.4

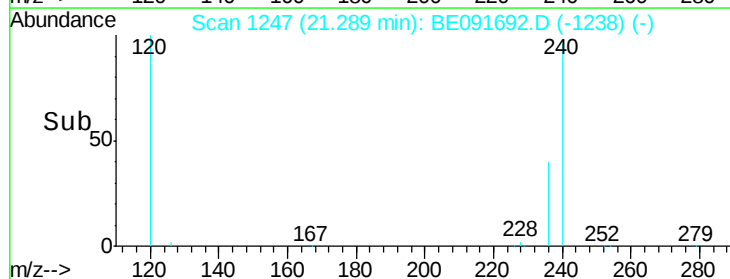
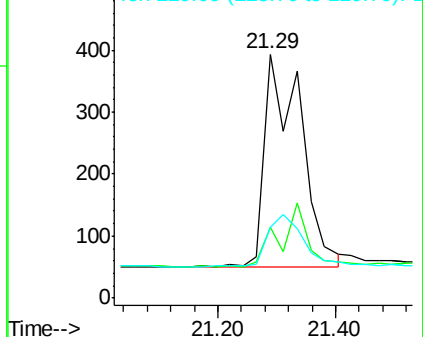
229 29.0 15.7 23.5#

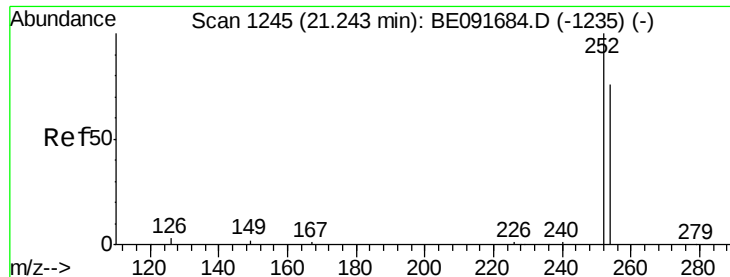


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

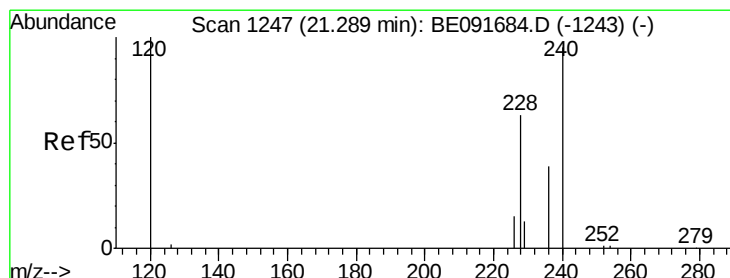
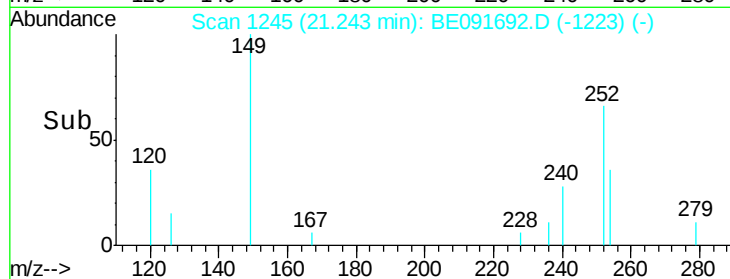
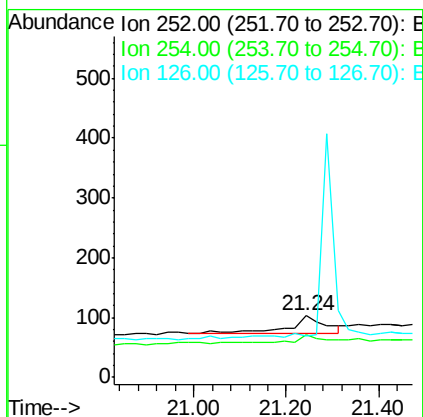
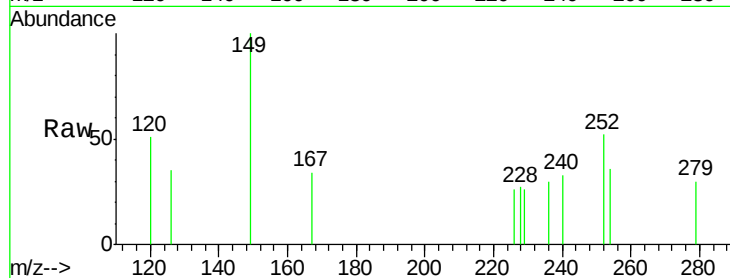




#31
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

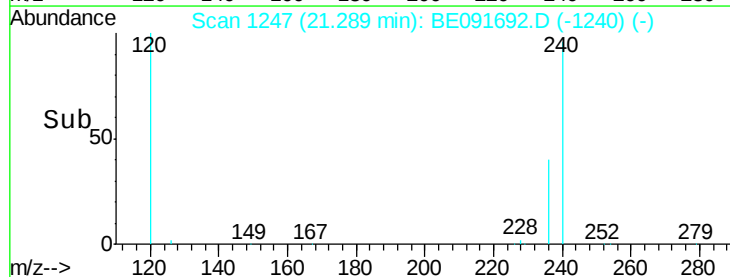
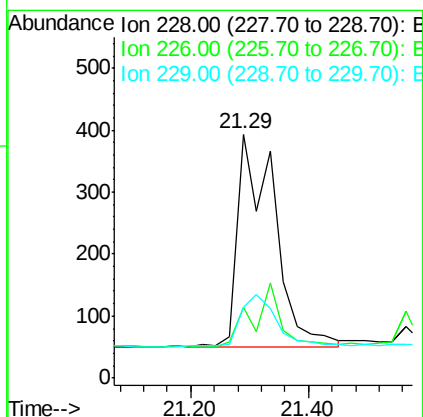
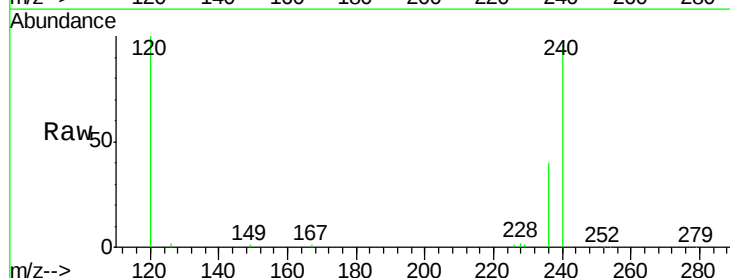
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

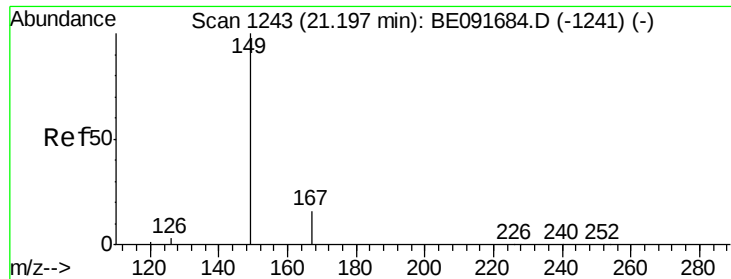
Tgt Ion: 252 Resp: 177
 Ion Ratio Lower Upper
 252 100
 254 69.9 51.1 76.7
 126 68.0 12.6 18.8#



#32
 Chrysene
 Concen: 0.03 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091692.D
 Acq: 20 Apr 2016 19:32

Tgt Ion: 228 Resp: 1491
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.0 36.0
 229 29.0 15.9 23.9#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

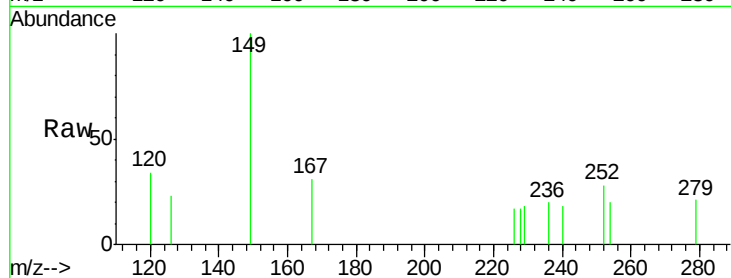
Tgt Ion:149 Resp: 263

Ion Ratio Lower Upper

149 100

167 0.0 19.5 29.3#

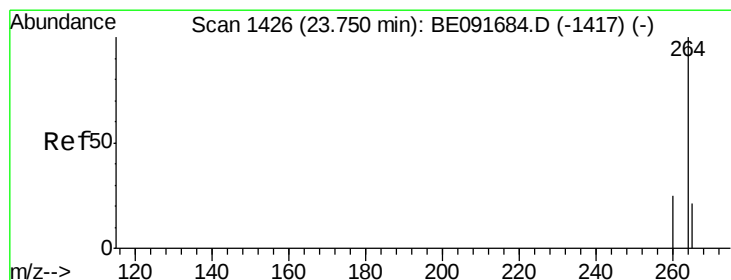
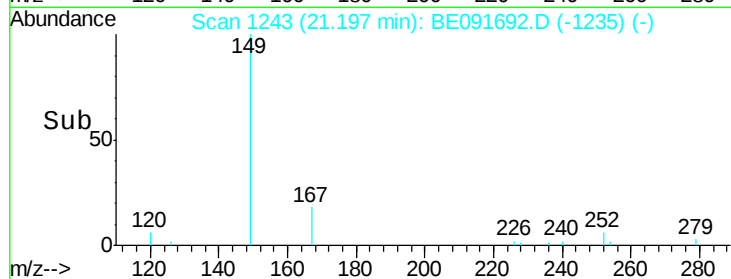
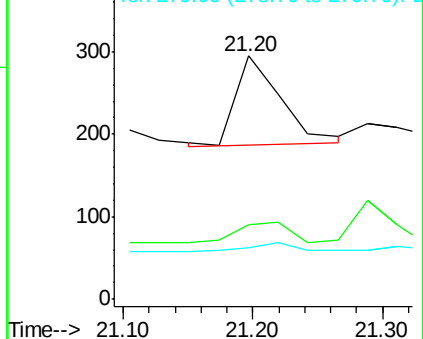
279 0.0 10.0 15.0#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BE091692.D

Acq: 20 Apr 2016 19:32

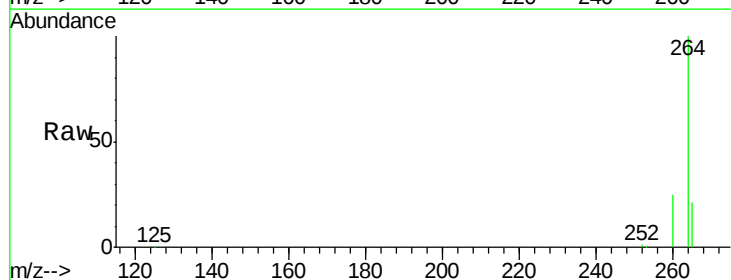
Tgt Ion:264 Resp: 196727

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 21.3 17.5 26.3



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

