

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
 Data File : BE092402.D
 Acq On : 22 Sep 2016 19:04
 Operator : UM/SJ
 Sample : H4803-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Sep 23 03:09:42 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

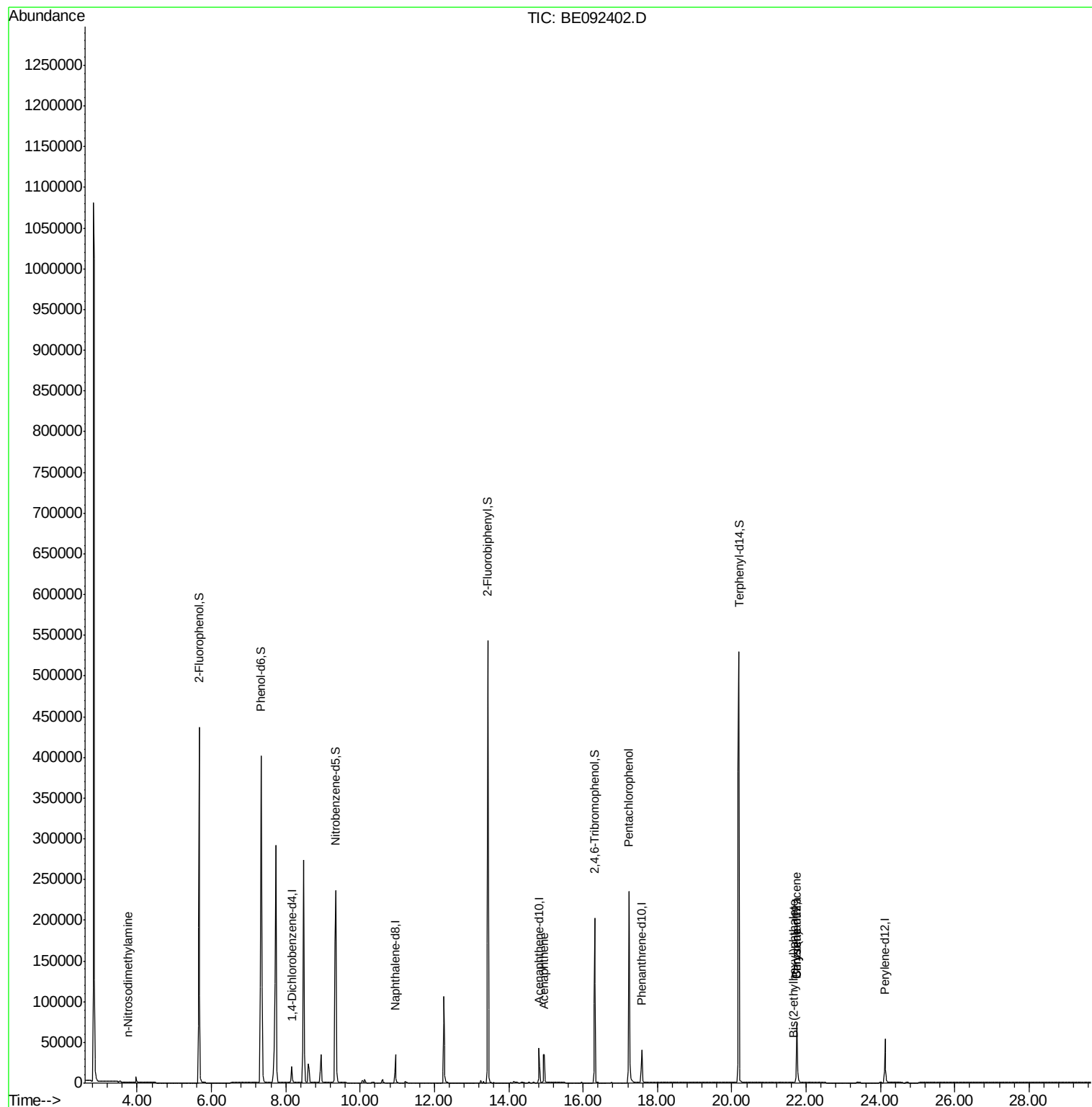
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10564	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	48519	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	28196	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64249	5.00	ng	0.02
24) Chrysene-d12	21.75	240	91519	5.00	ng	0.00
31) Perylene-d12	24.12	264	82713	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	321626	127.33	ng	-0.02
5) Phenol-d6	7.34	99	457472	127.33	ng	-0.02
8) Nitrobenzene-d5	9.34	82	287439	80.15	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	128107	125.75	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	566783	84.90	ng	-0.01
26) Terphenyl-d14	20.19	244	785295	69.17	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.53	88	6	Below Cal	#	1
3) n-Nitrosodimethylamine	3.74	42	31	0.21 ng	#	7
16) Acenaphthene	14.95	154	73111	11.43 ng	#	1
20) Pentachlorophenol	17.23	266	167670	163.14 ng	#	85
27) Benzo(a)anthracene	21.75	228	2812	0.03 ng	#	71
28) Chrysene	21.75	228	2872	0.04 ng	#	63
29) Bis(2-ethylhexyl)phthalate	21.66	149	253	0.03 ng	#	72

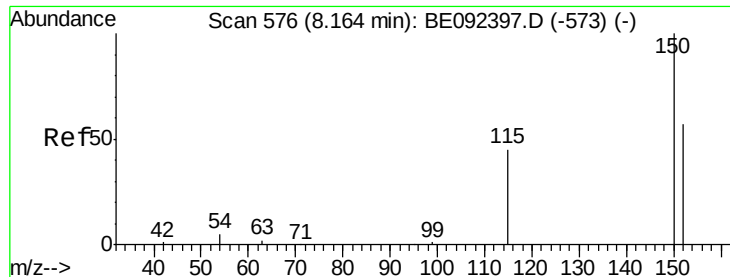
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

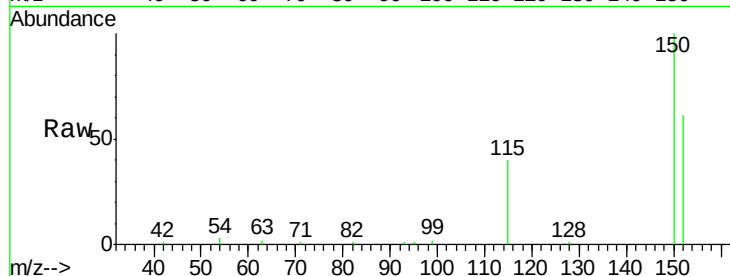
Tgt Ion:152 Resp: 10564

Ion Ratio Lower Upper

152 100

150 162.9 106.0 159.0#

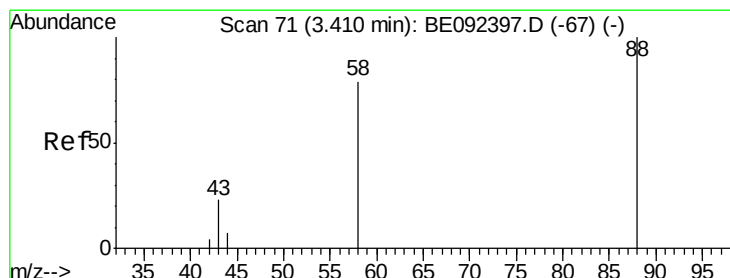
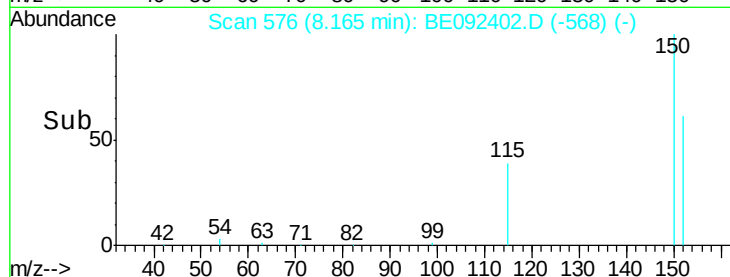
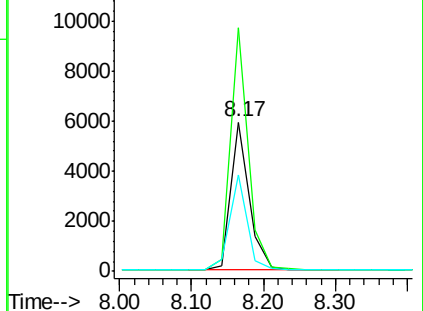
115 64.8 31.2 46.8#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.53 min Scan# 81

Delta R.T. 0.10 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

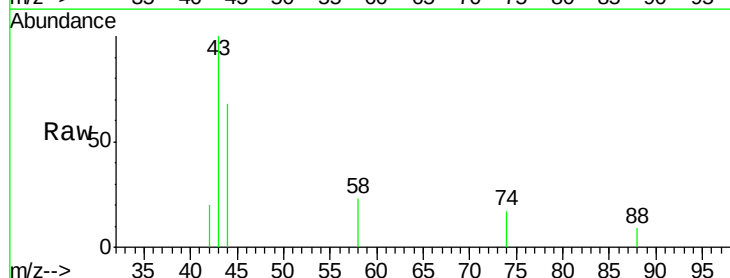
Tgt Ion: 88 Resp: 6

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

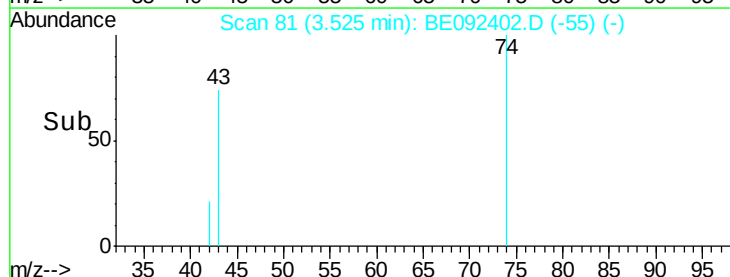
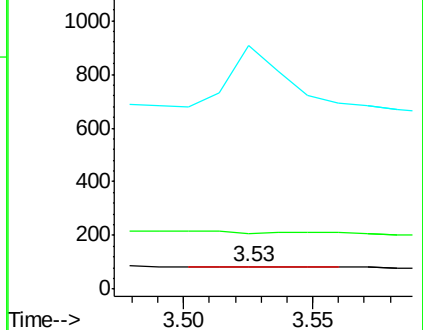
43 5333.3 28.0 42.0#

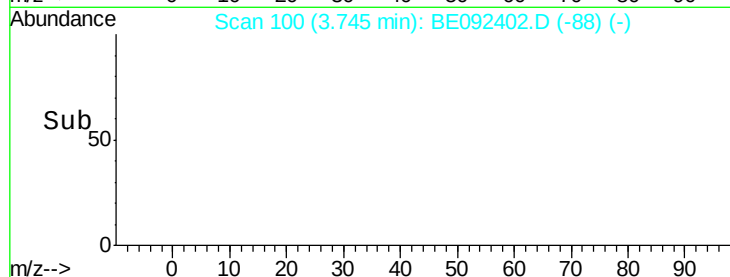
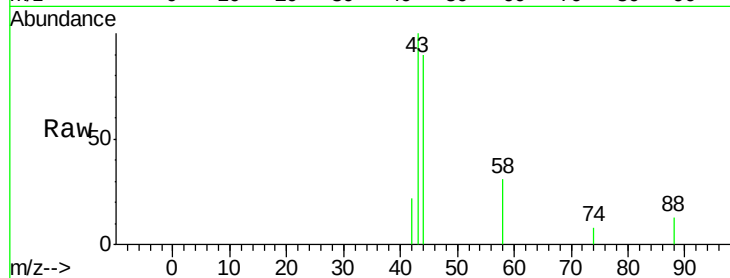
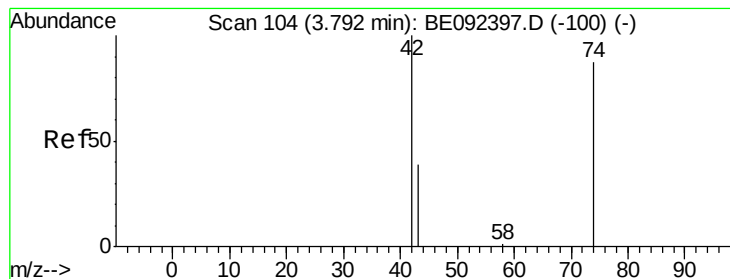


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.74 min Scan# 100

Delta R.T. -0.06 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

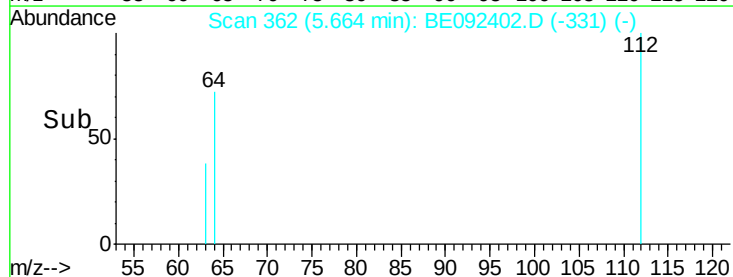
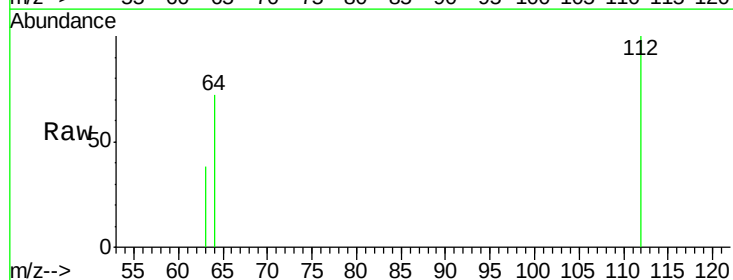
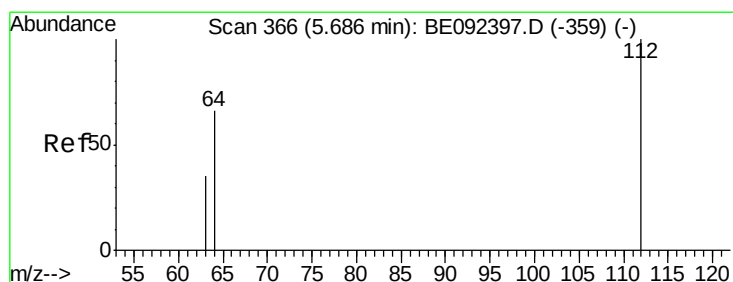
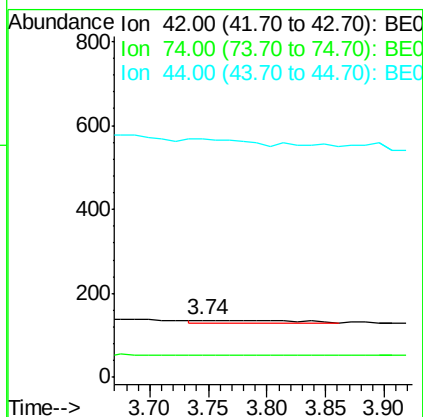
Tgt Ion: 42 Resp: 31

Ion Ratio Lower Upper

42 100

74 6.5 86.0 129.0#

44 0.0 5.1 7.7#



#4

2-Fluorophenol

Concen: 127.33 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

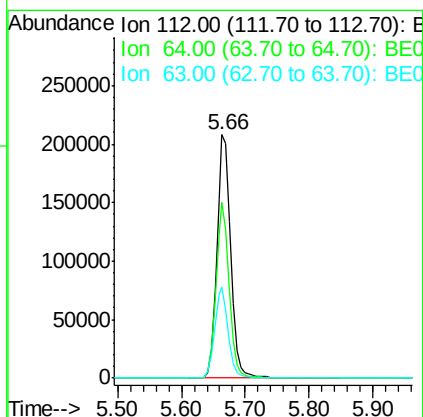
Tgt Ion: 112 Resp: 321626

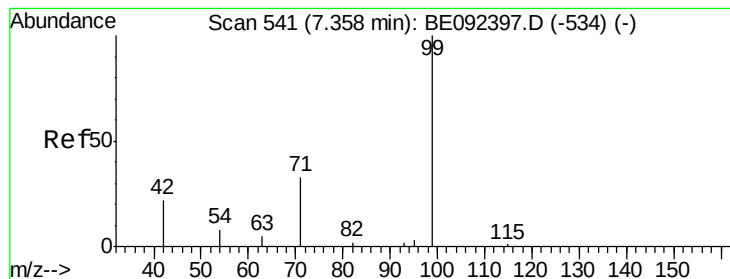
Ion Ratio Lower Upper

112 100

64 69.5 53.5 80.3

63 36.8 27.9 41.9





#5

Phenol-d6

Concen: 127.33 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

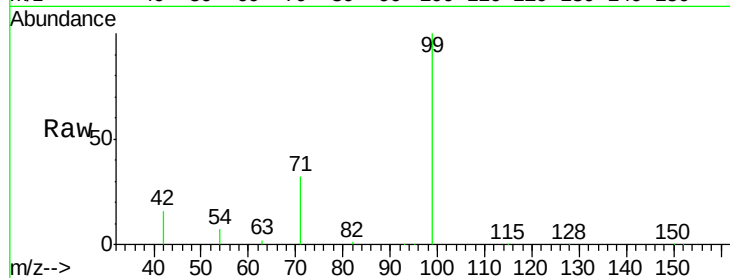
Tgt Ion: 99 Resp: 457472

Ion Ratio Lower Upper

99 100

42 25.3 16.0 24.0#

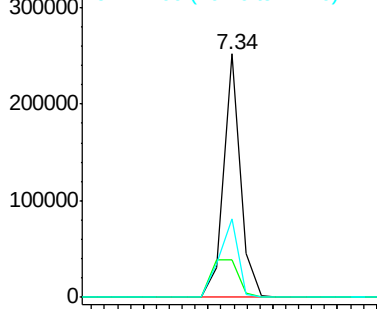
71 36.5 30.6 45.8



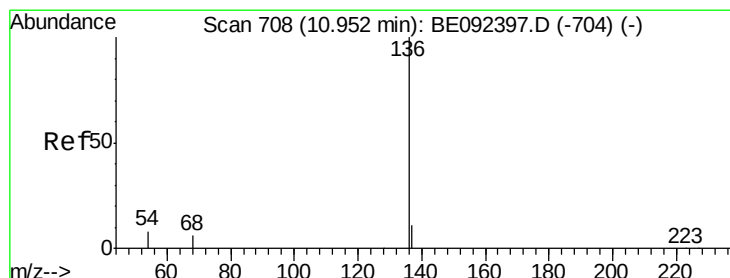
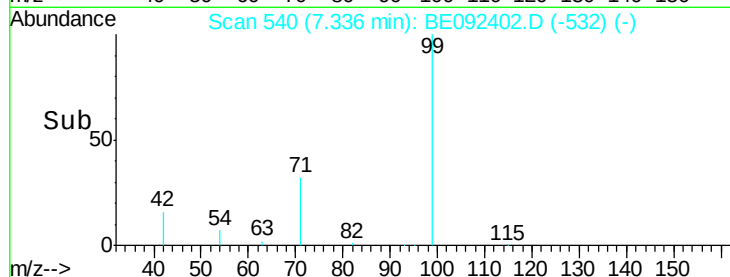
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Tgt Ion: 136 Resp: 48519

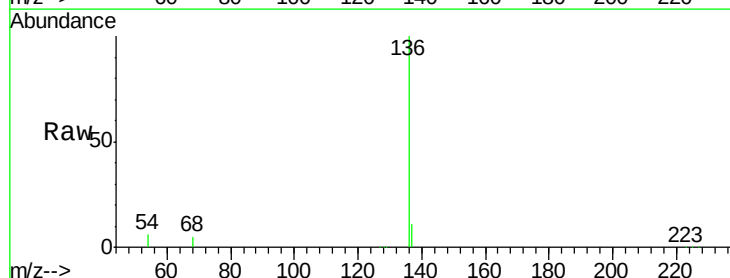
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.2 9.6 14.4#

68 5.0 6.7 10.1#

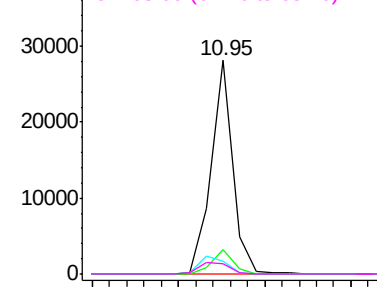


Abundance Ion 136.00 (135.70 to 136.70): E

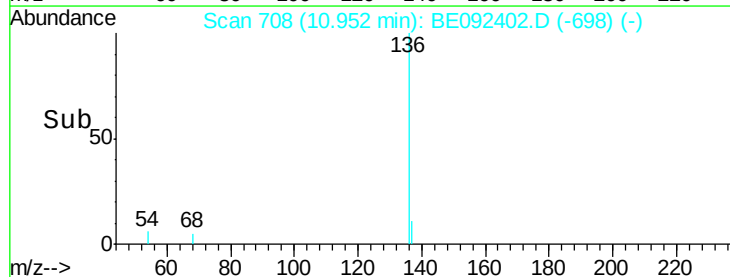
Ion 137.00 (136.70 to 137.70): E

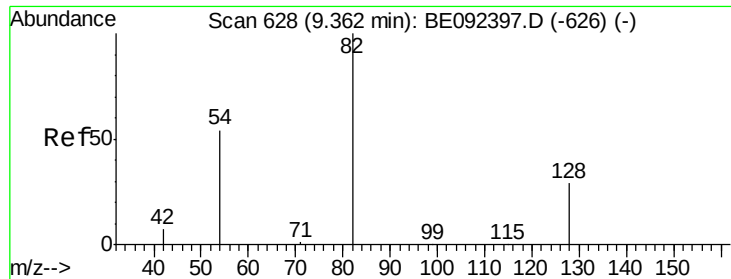
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 80.15 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

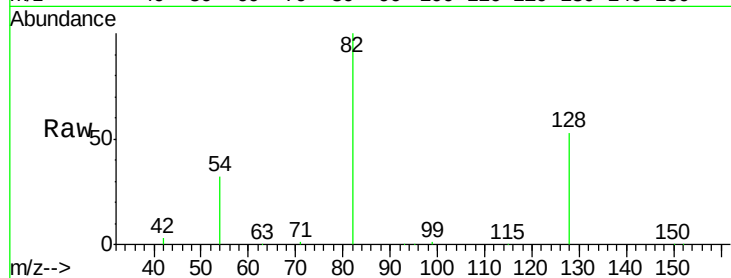
Tgt Ion: 82 Resp: 287439

Ion Ratio Lower Upper

82 100

128 52.7 39.0 58.4

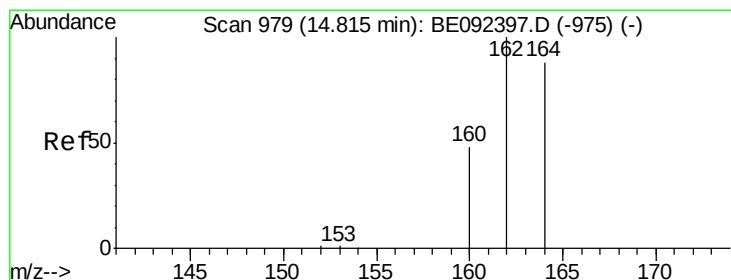
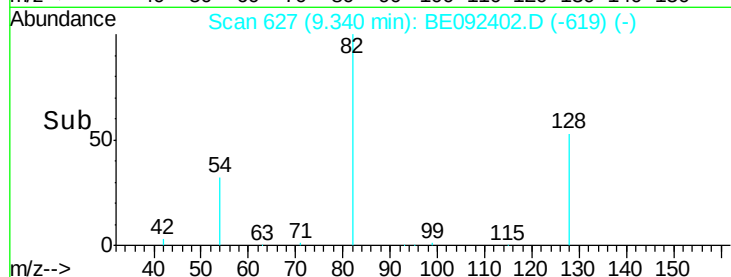
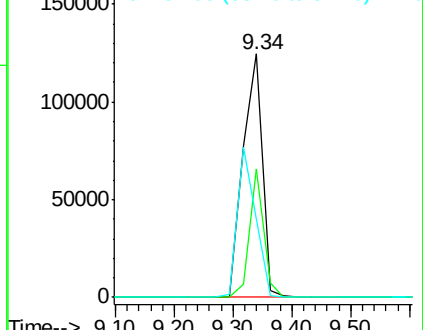
54 32.2 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

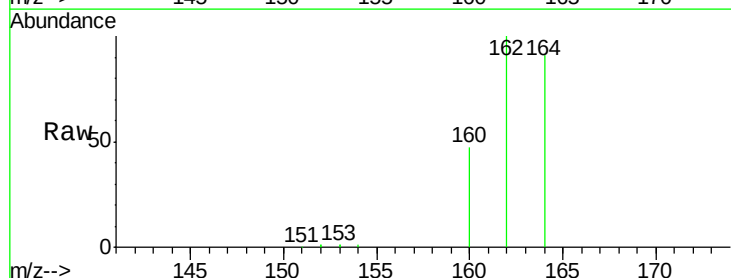
Tgt Ion: 164 Resp: 28196

Ion Ratio Lower Upper

164 100

162 109.5 71.4 107.0#

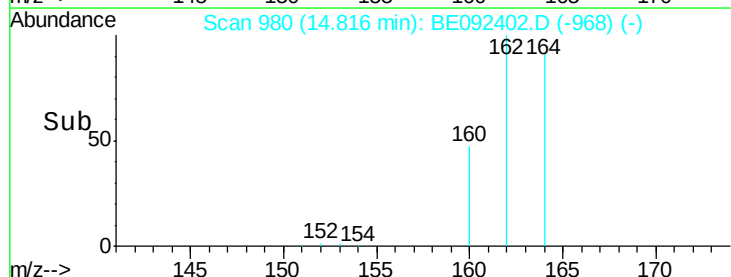
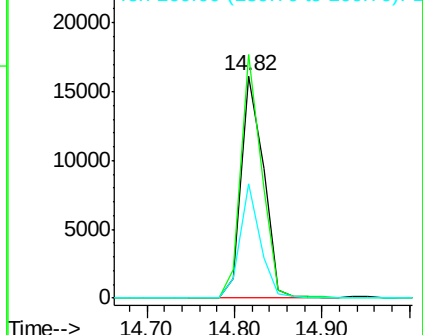
160 51.3 27.4 41.2#

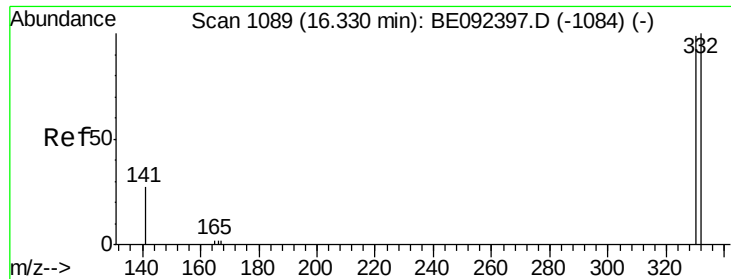


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

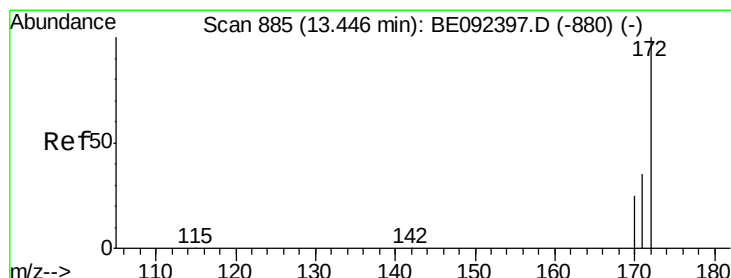
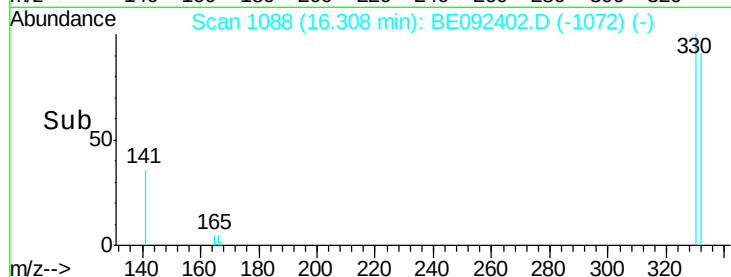
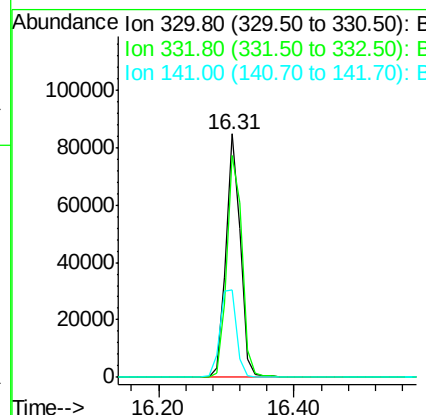
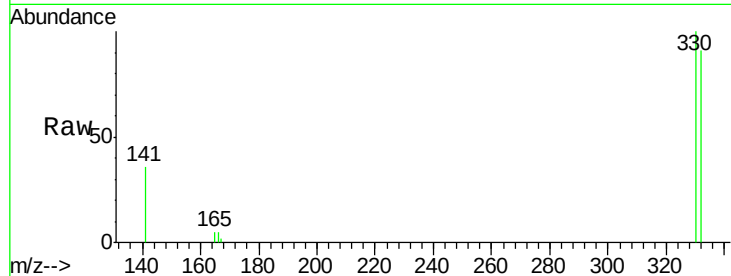




#13
 2,4,6-Tribromophenol
 Concen: 125.75 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

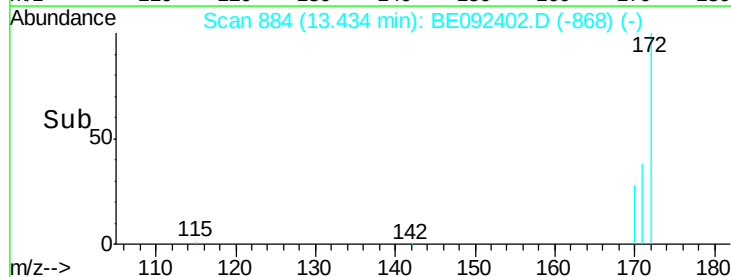
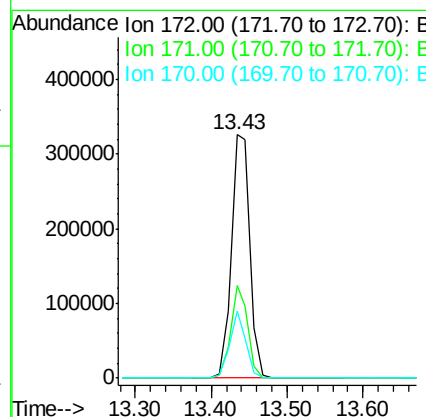
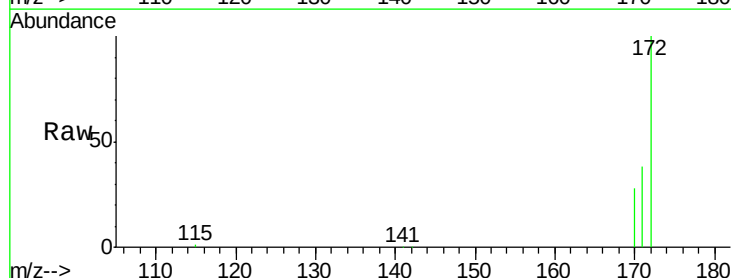
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

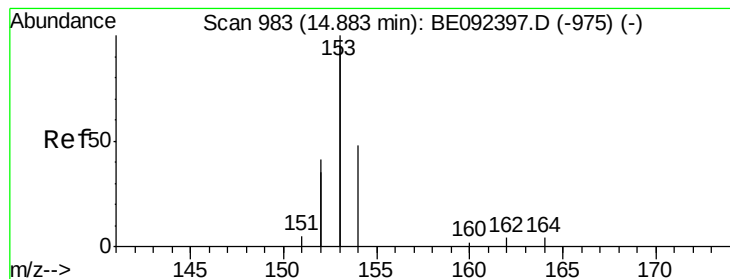
Tgt Ion:330 Resp: 128107
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 84.90 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

Tgt Ion:172 Resp: 566783
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.1 45.1
 170 27.7 21.8 32.6





#16

Acenaphthene

Concen: 11.43 ng

RT: 14.95 min Scan# 988

Delta R.T. 0.07 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

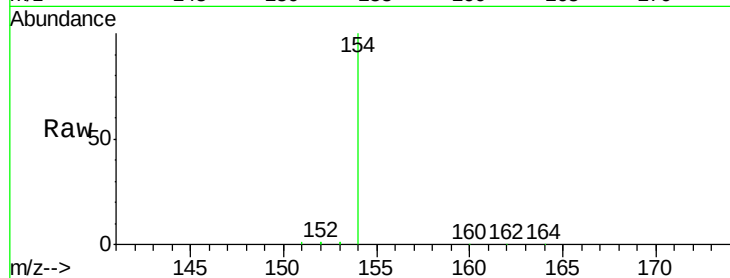
Tgt Ion:154 Resp: 73111

Ion Ratio Lower Upper

154 100

153 2.5 350.8 526.2#

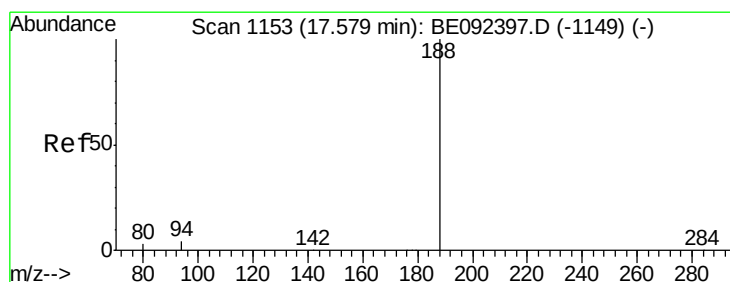
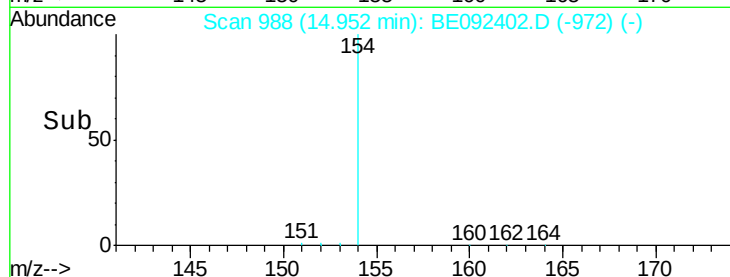
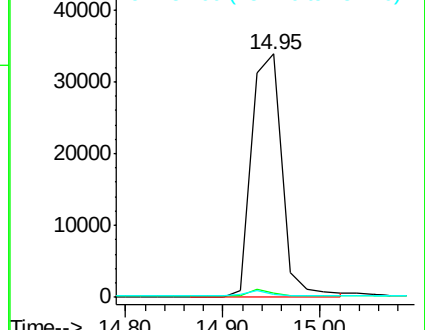
152 2.0 171.1 256.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

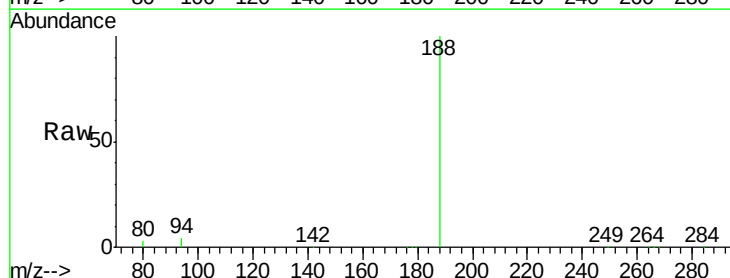
Tgt Ion:188 Resp: 64249

Ion Ratio Lower Upper

188 100

94 3.8 3.2 4.8

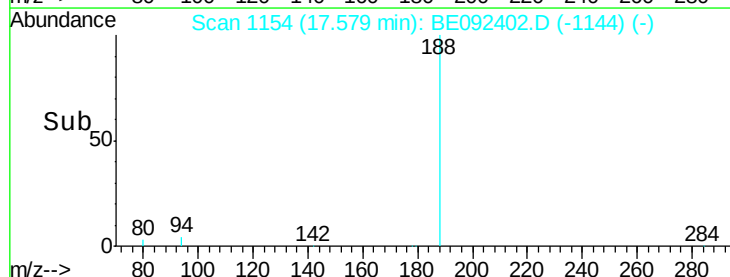
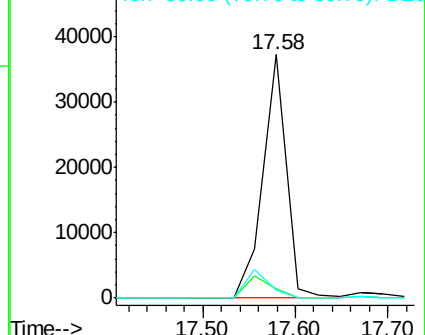
80 3.1 2.6 3.8

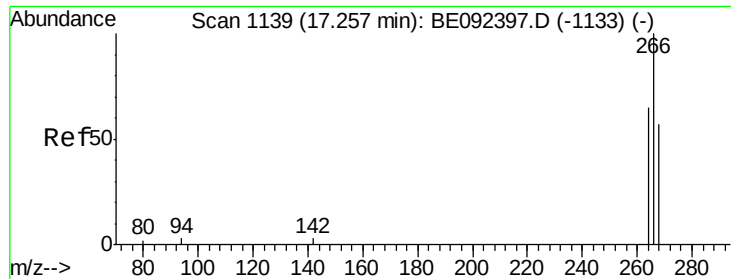


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

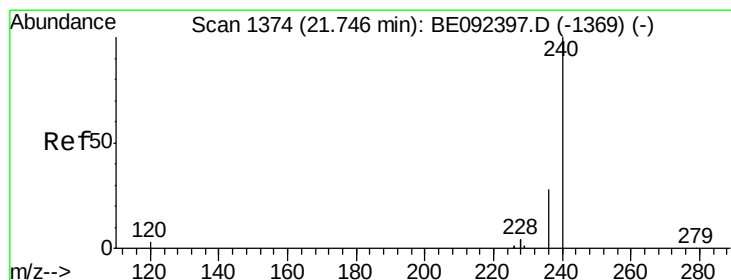
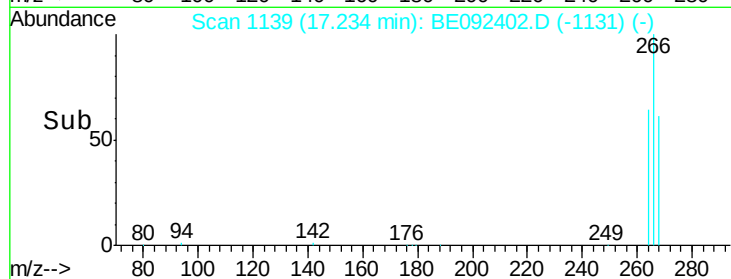
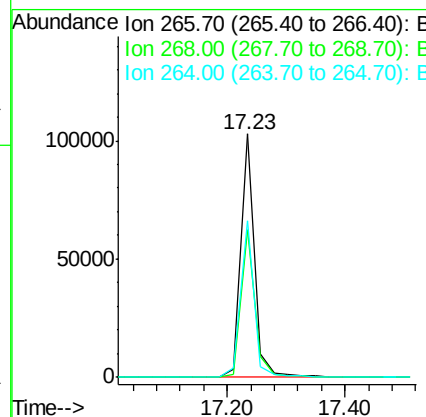
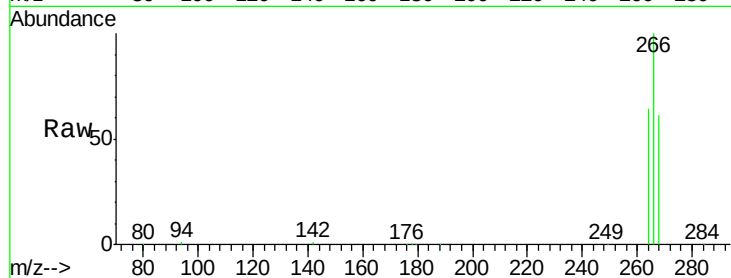




#20
 Pentachlorophenol
 Concen: 163.14 ng
 RT: 17.23 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

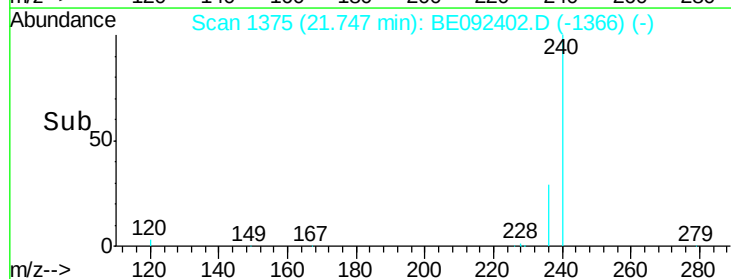
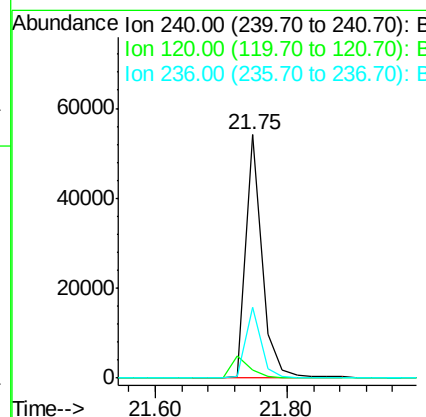
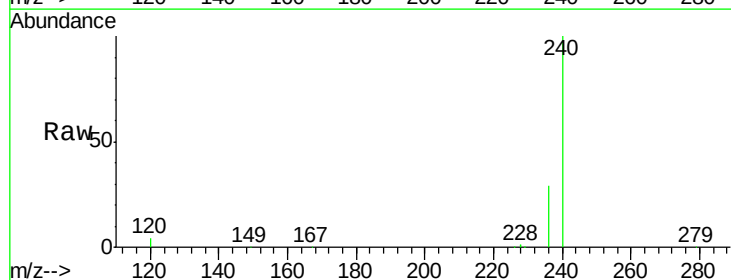
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

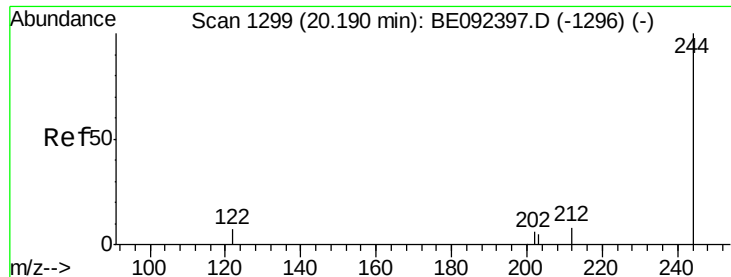
Tgt Ion:266 Resp: 167670
 Ion Ratio Lower Upper
 266 100
 268 60.7 62.5 93.7#
 264 64.2 57.2 85.8



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

Tgt Ion:240 Resp: 91519
 Ion Ratio Lower Upper
 240 100
 120 3.5 2.6 4.0
 236 28.9 24.6 37.0

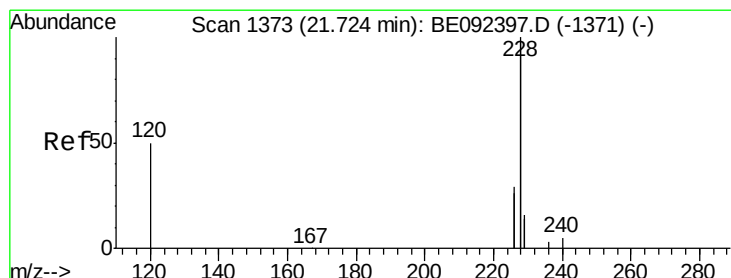
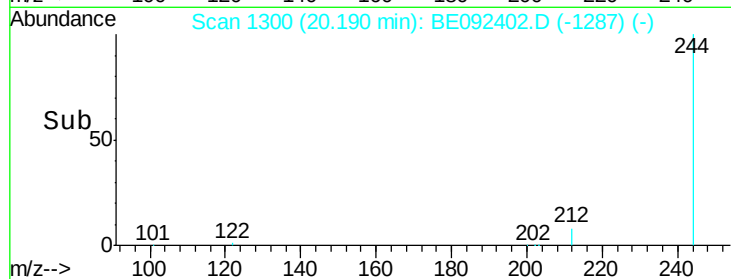
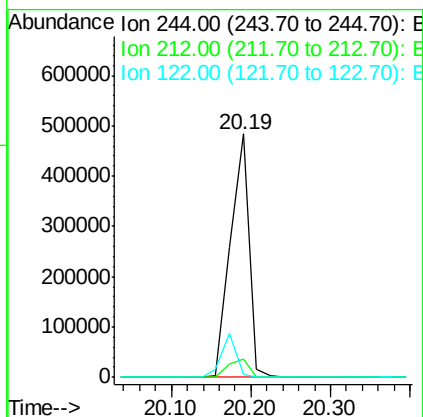
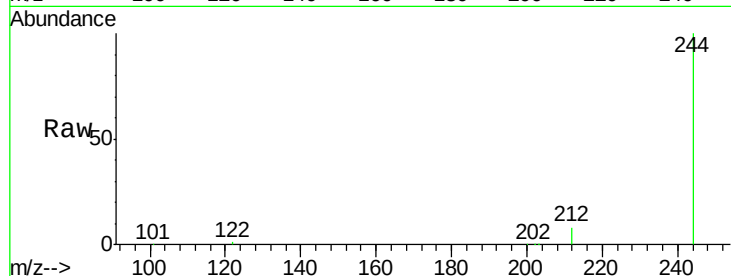




#26
 Terphenyl-d14
 Concen: 69.17 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

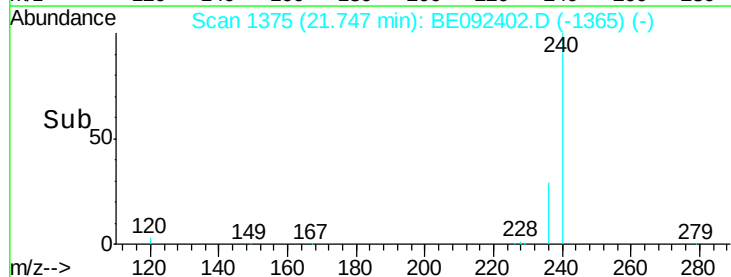
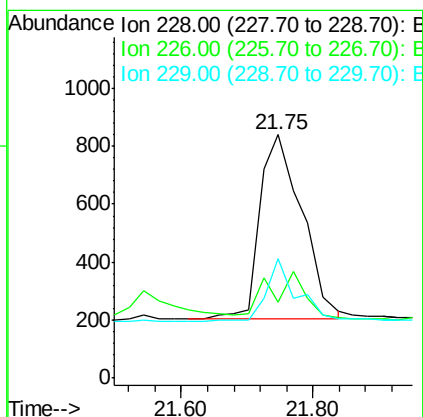
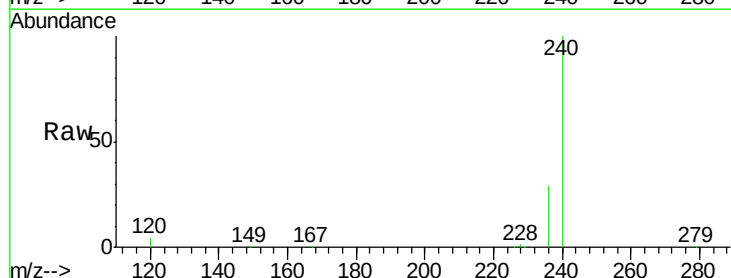
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

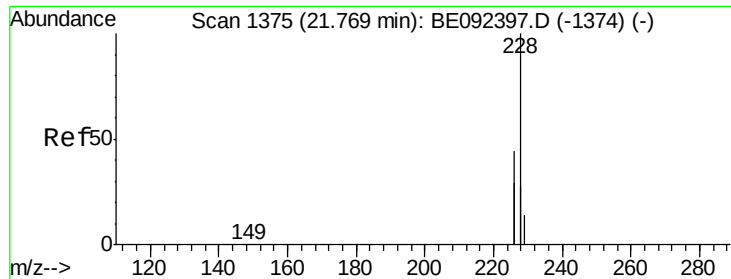
Tgt Ion:244 Resp: 785295
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 1.2 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.02 min
 Lab File: BE092402.D
 Acq: 22 Sep 2016 19:04

Tgt Ion:228 Resp: 2812
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.6 35.4
 229 49.0 13.3 19.9#





#28

Chrysene

Concen: 0.04 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampled :

PT-ACIDS-WP

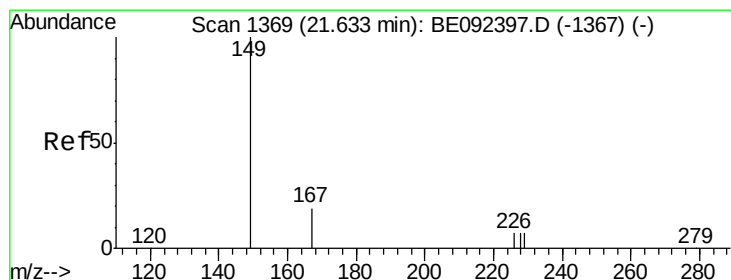
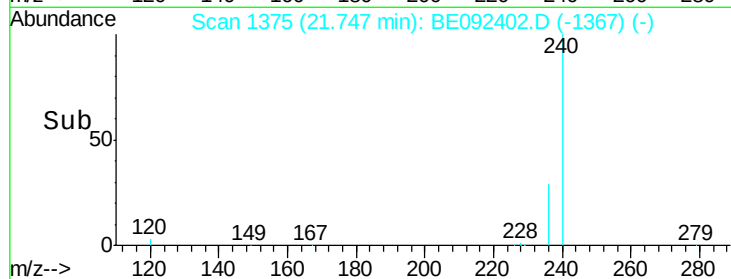
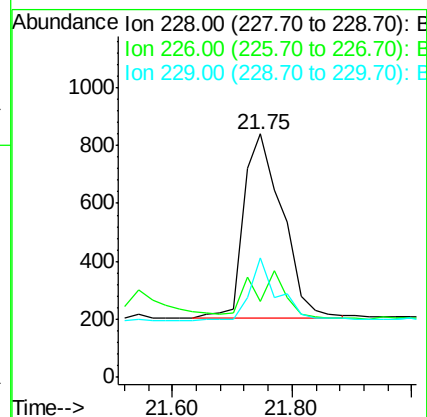
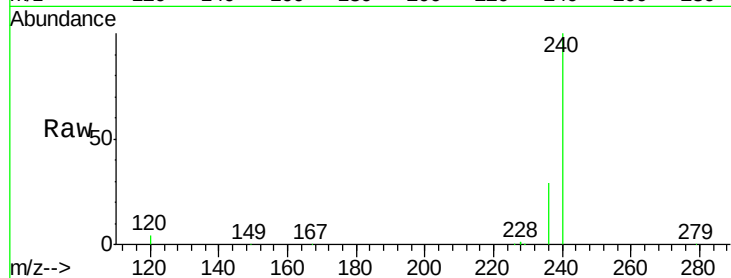
Tgt Ion: 228 Resp: 2872

Ion Ratio Lower Upper

228 100

226 31.0 36.3 54.5#

229 49.0 10.6 16.0#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

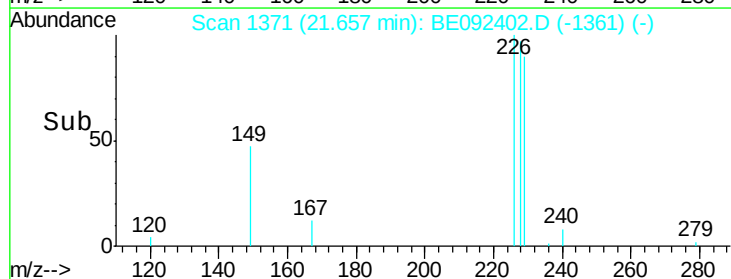
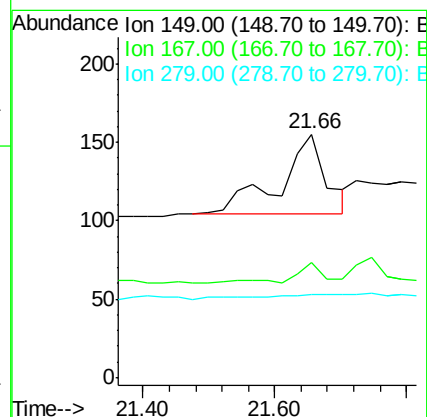
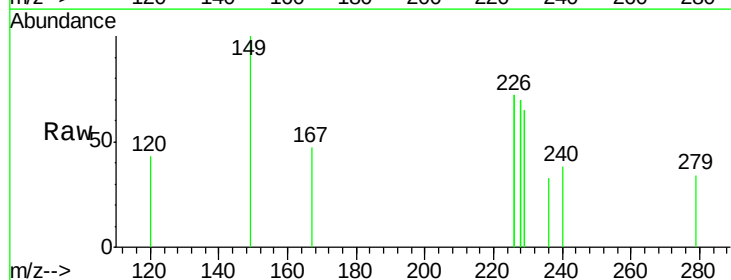
Tgt Ion: 149 Resp: 253

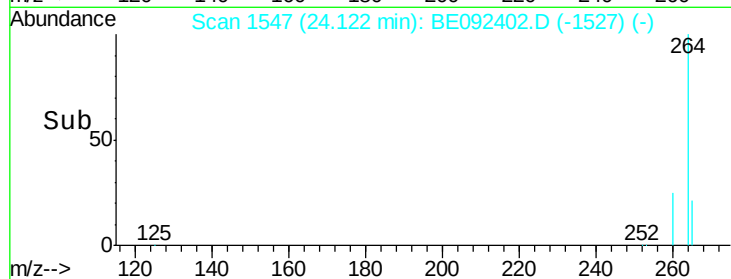
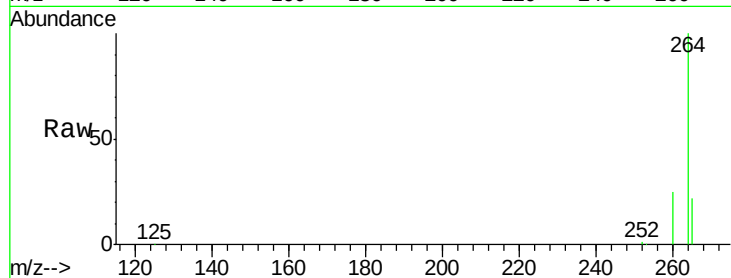
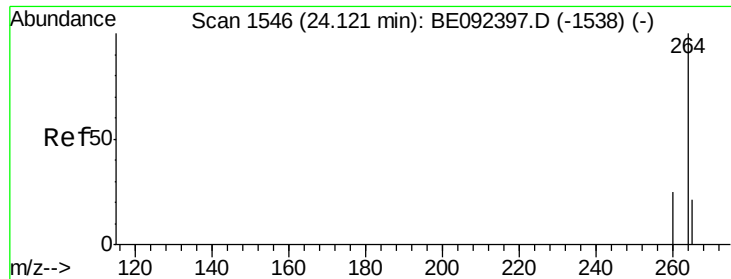
Ion Ratio Lower Upper

149 100

167 11.9 16.0 24.0#

279 2.0 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092402.D

Acq: 22 Sep 2016 19:04

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

Tgt Ion: 264 Resp: 82713

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.9 17.9 26.9

