

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093016\
 Data File : BE092433.D
 Acq On : 30 Sep 2016 12:24
 Operator : UM/SJ
 Sample : H4803-08DL 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Sep 30 13:51:46 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

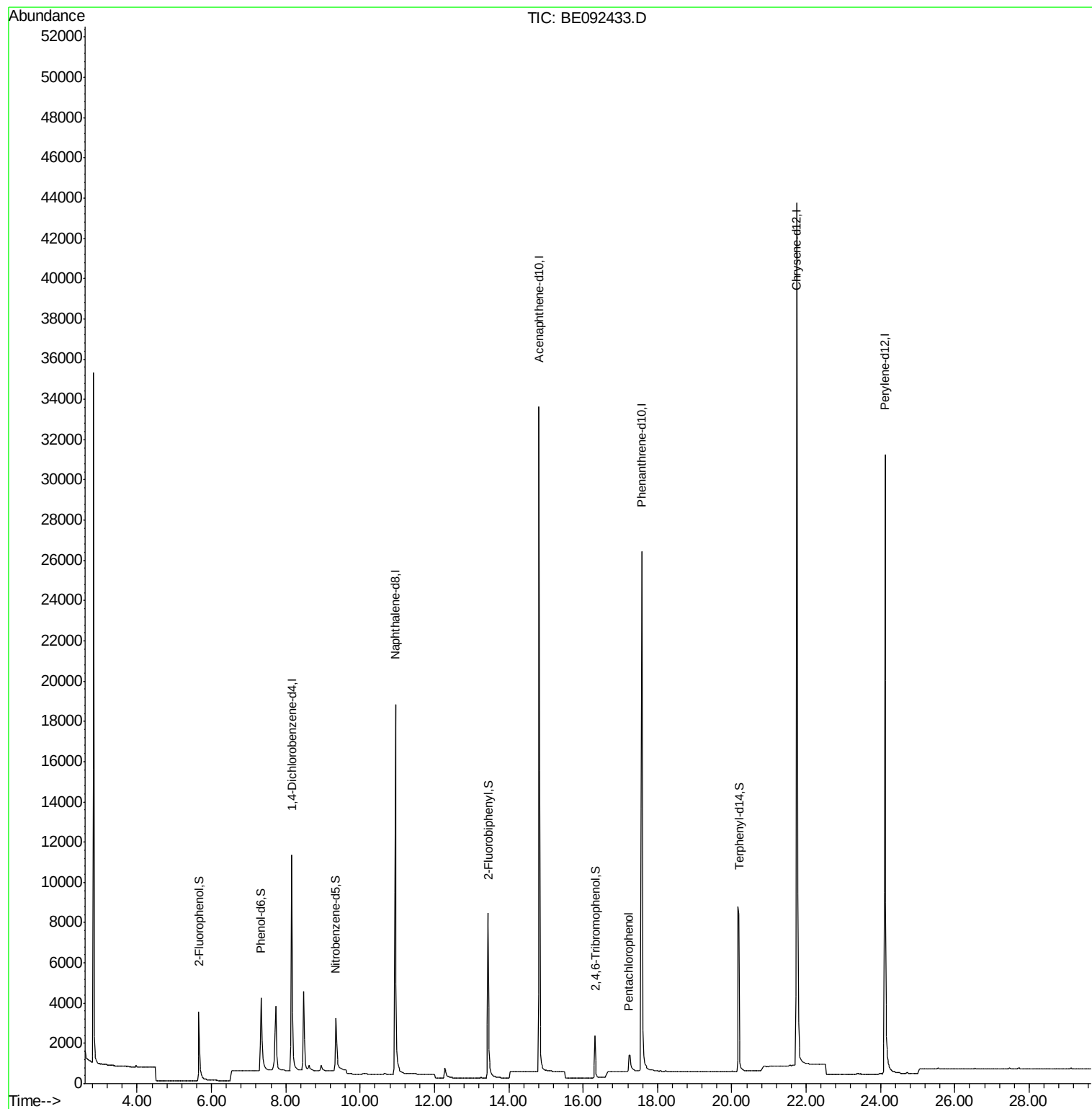
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	6653	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	31103	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	23064	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	47933	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56891	5.00	ng	0.00
31) Perylene-d12	24.12	264	48482	5.00	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	3941	2.59	ng	-0.02
5) Phenol-d6	7.34	99	5446	2.49	ng	-0.02
8) Nitrobenzene-d5	9.34	82	3906	1.84	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	1865	2.40	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	11763	2.15	ng	0.00
26) Terphenyl-d14	20.19	244	15930	2.26	ng	0.02
Target Compounds						
20) Pentachlorophenol	17.23	266	1404	2.01	ng	Qvalue # 84

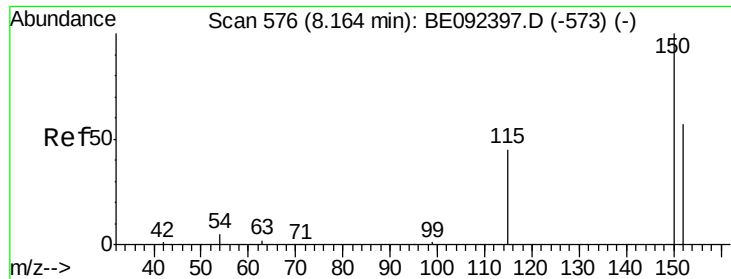
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

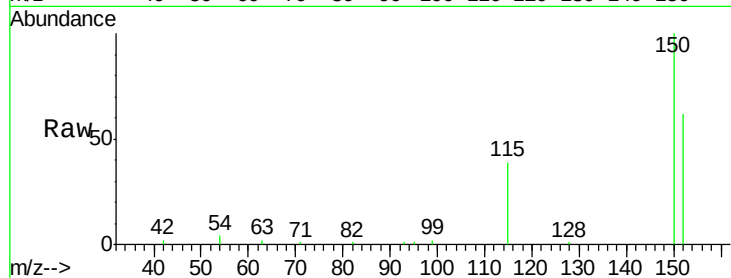
Tgt Ion:152 Resp: 6653

Ion Ratio Lower Upper

152 100

150 160.9 106.0 159.0#

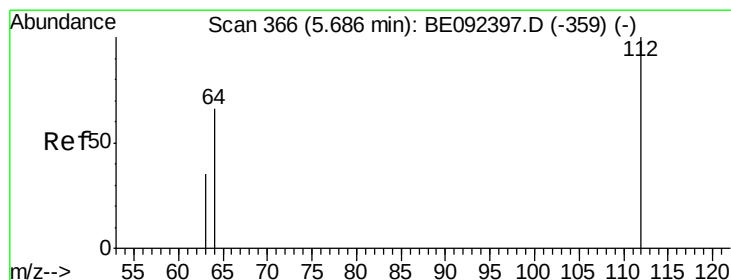
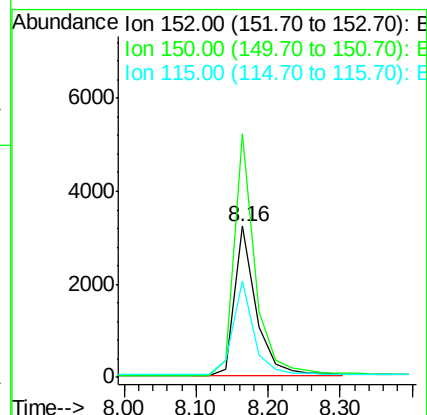
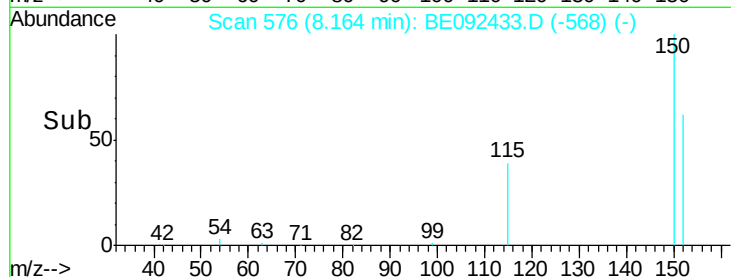
115 63.5 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 2.59 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

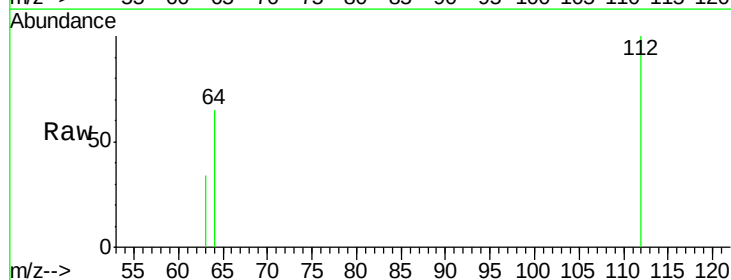
Tgt Ion:112 Resp: 3941

Ion Ratio Lower Upper

112 100

64 67.0 53.5 80.3

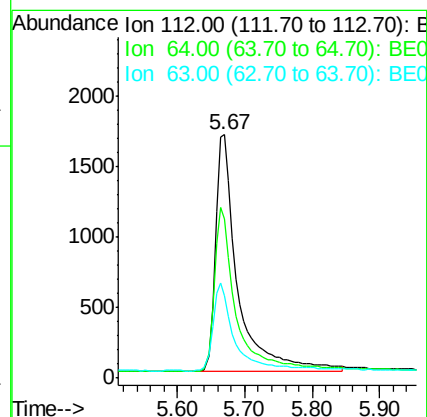
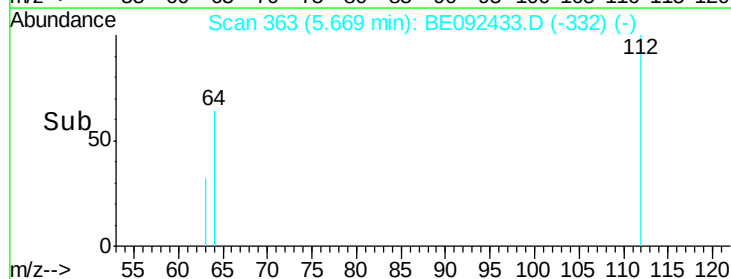
63 36.1 27.9 41.9

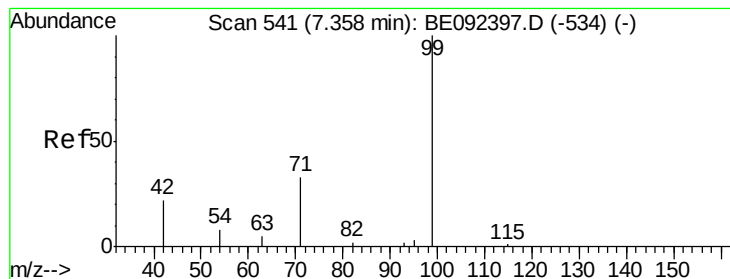


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.49 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

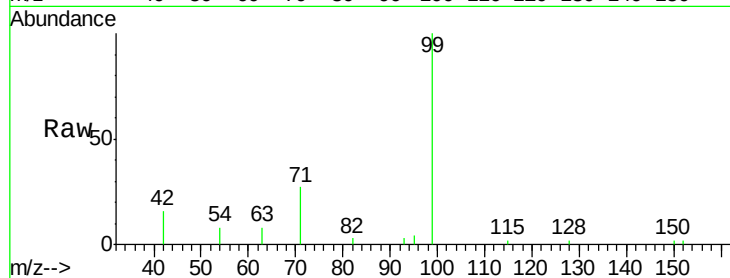
Tgt Ion: 99 Resp: 5446

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

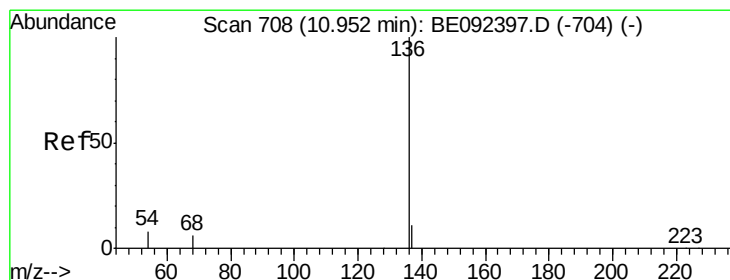
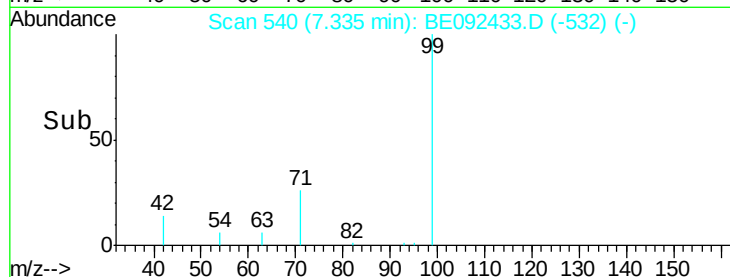
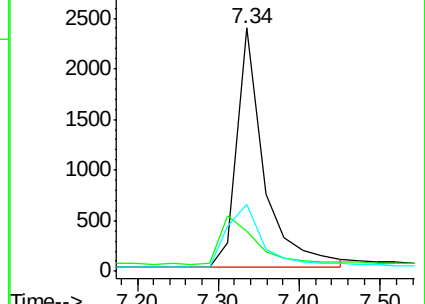
71 34.8 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

Tgt Ion: 136 Resp: 31103

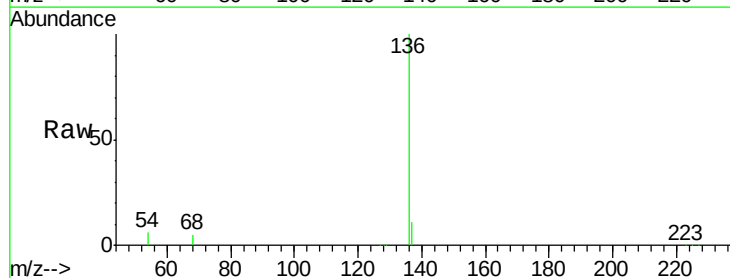
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.4 9.6 14.4#

68 4.9 6.7 10.1#

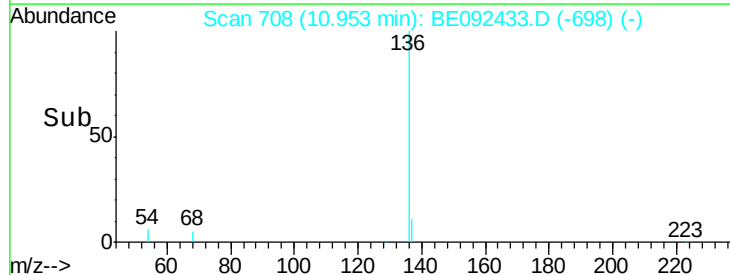
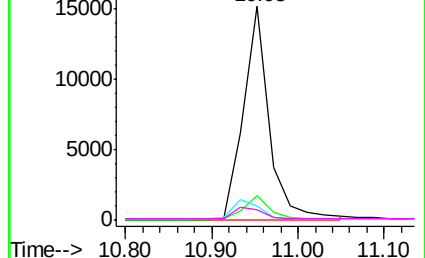


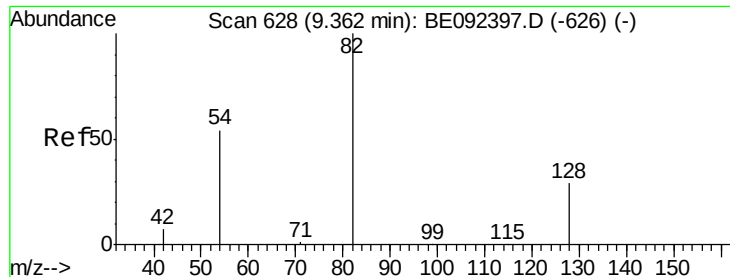
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 1.84 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

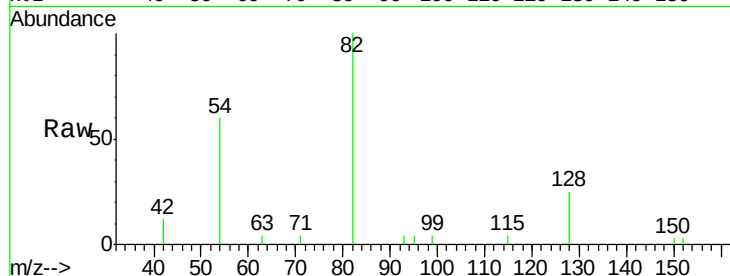
Tgt Ion: 82 Resp: 3906

Ion Ratio Lower Upper

82 100

128 25.3 39.0 58.4#

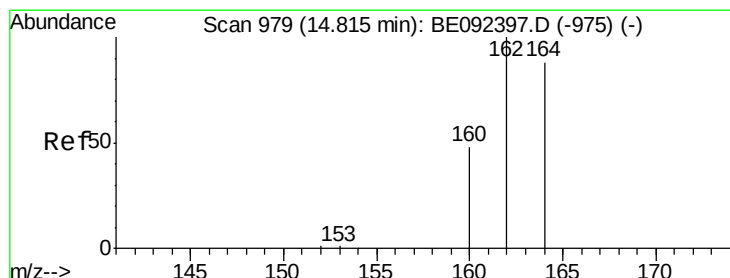
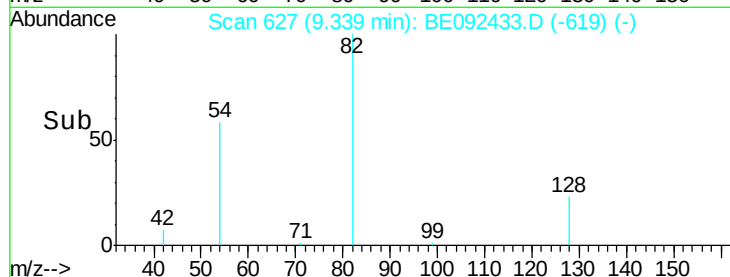
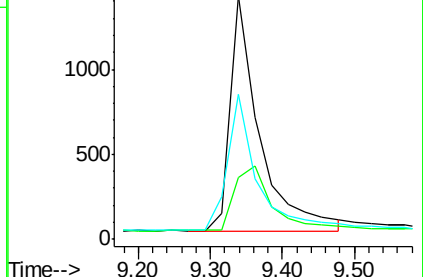
54 59.6 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE092433.D (-619) (-)

Ion 128.00 (127.70 to 128.70): BE092433.D (-619) (-)

Ion 54.00 (53.70 to 54.70): BE092433.D (-619) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

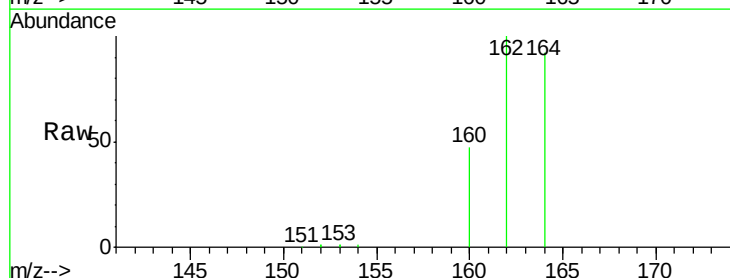
Tgt Ion: 164 Resp: 23064

Ion Ratio Lower Upper

164 100

162 108.5 71.4 107.0#

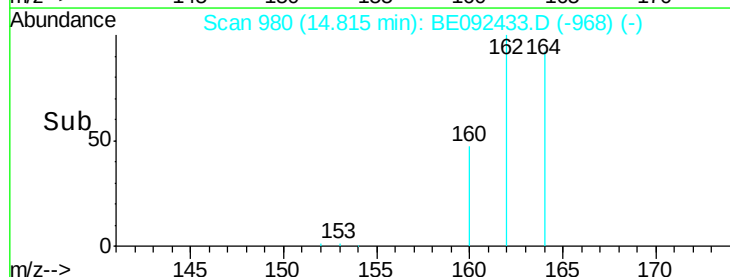
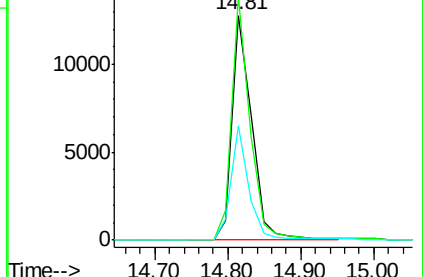
160 50.9 27.4 41.2#

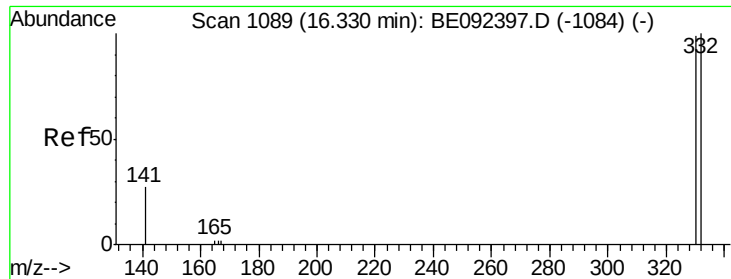


Abundance Ion 164.00 (163.70 to 164.70): BE092433.D (-968) (-)

Ion 162.00 (161.70 to 162.70): BE092433.D (-968) (-)

Ion 160.00 (159.70 to 160.70): BE092433.D (-968) (-)

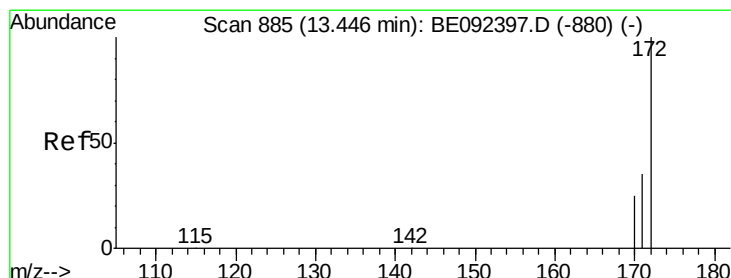
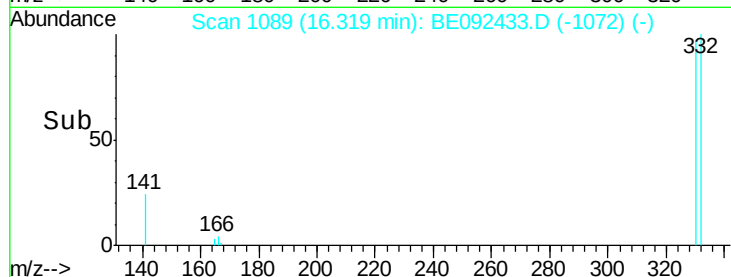
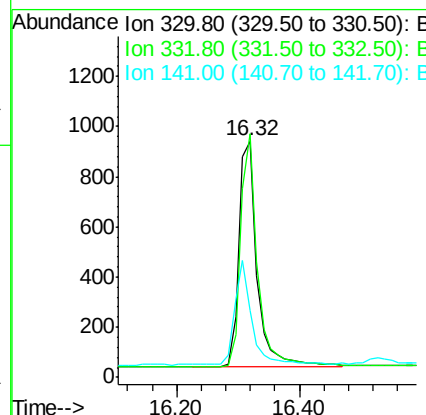
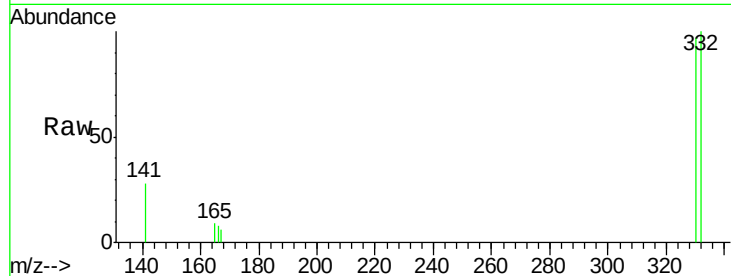




#13
 2,4,6-Tribromophenol
 Concen: 2.40 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092433.D
 Acq: 30 Sep 2016 12:24

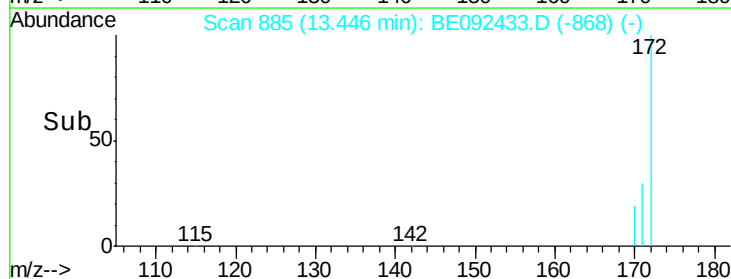
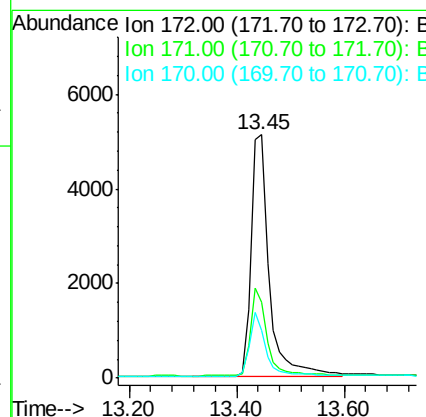
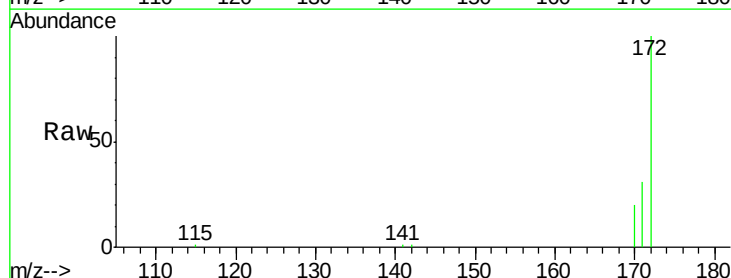
Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

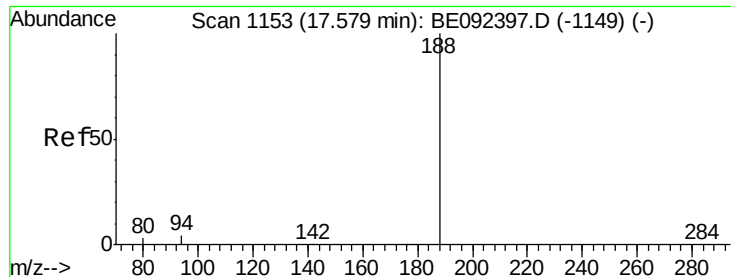
Tgt Ion: 330 Resp: 1865
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 42.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 2.15 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092433.D
 Acq: 30 Sep 2016 12:24

Tgt Ion: 172 Resp: 11763
 Ion Ratio Lower Upper
 172 100
 171 31.3 30.1 45.1
 170 19.7 21.8 32.6#

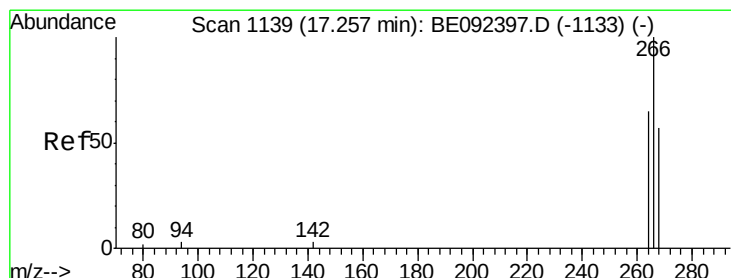
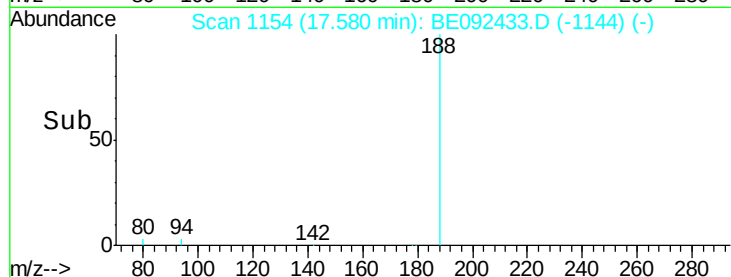
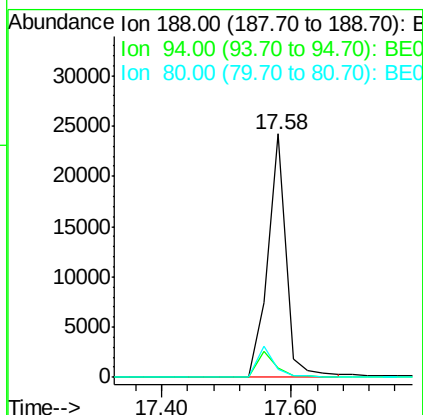
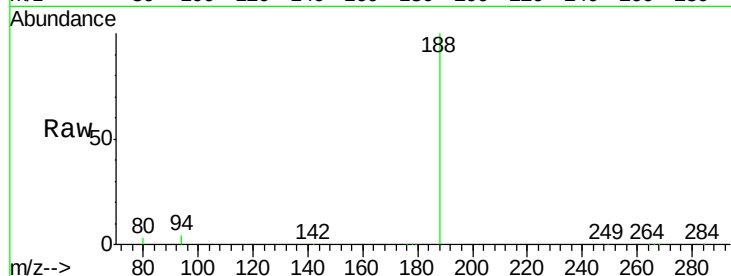




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092433.D
Acq: 30 Sep 2016 12:24

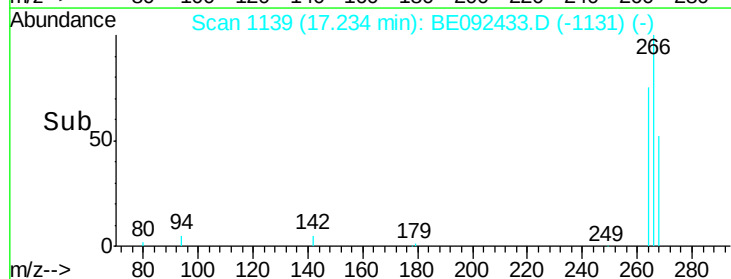
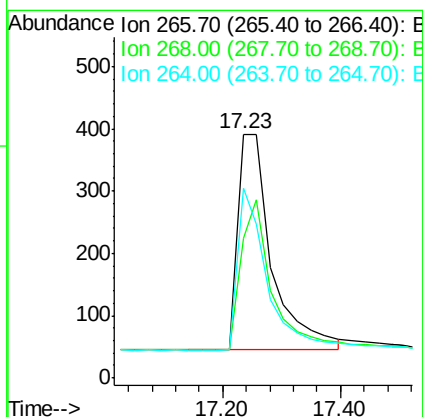
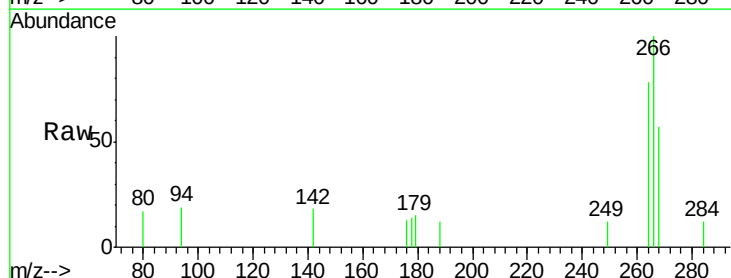
Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WPDL

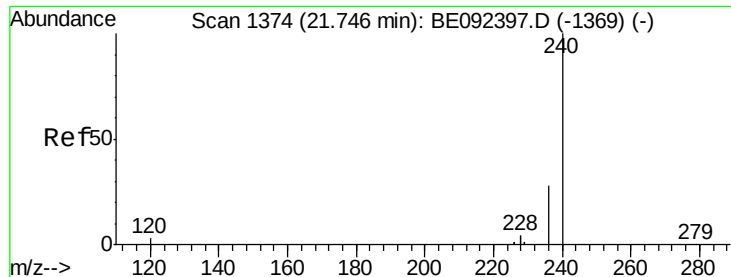
Tgt Ion:188 Resp: 47933
Ion Ratio Lower Upper
188 100
94 3.7 3.2 4.8
80 3.2 2.6 3.8



#20
Pentachlorophenol
Concen: 2.01 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092433.D
Acq: 30 Sep 2016 12:24

Tgt Ion:266 Resp: 1404
Ion Ratio Lower Upper
266 100
268 57.3 62.5 93.7#
264 78.0 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: BE092433.D

Acq: 30 Sep 2016 12:24

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

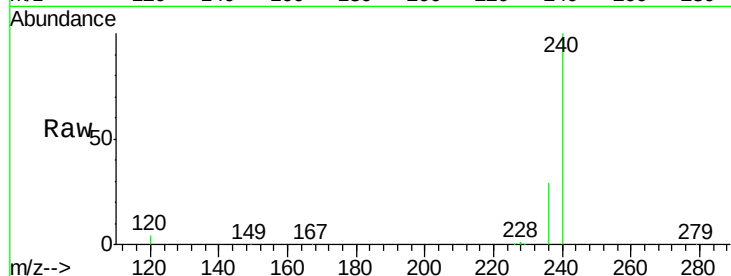
Tgt Ion:240 Resp: 56891

Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

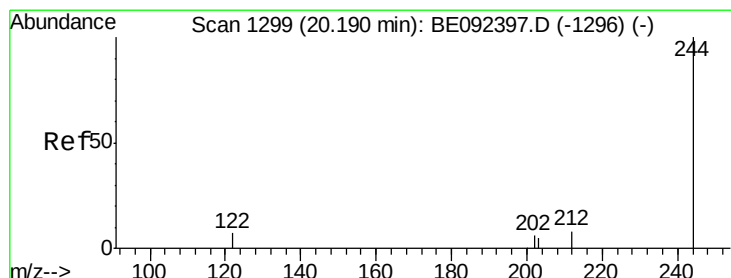
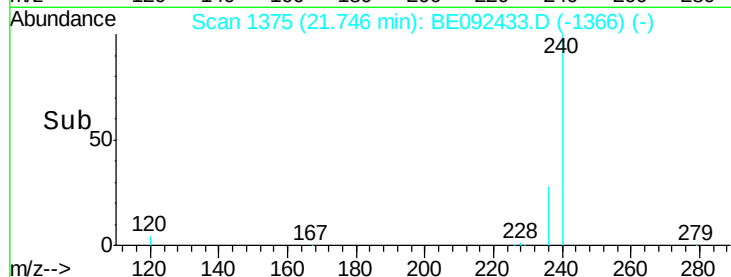
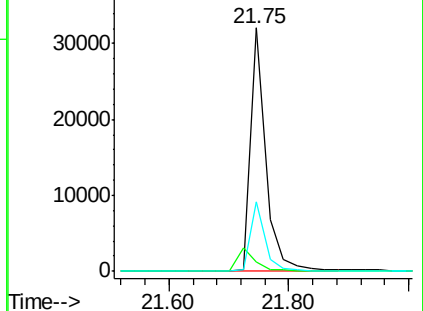
236 28.6 24.6 37.0



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



#26

Terphenyl-d14

Concen: 2.26 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

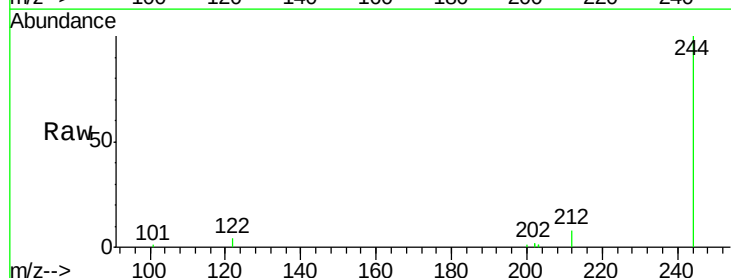
Tgt Ion:244 Resp: 15930

Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

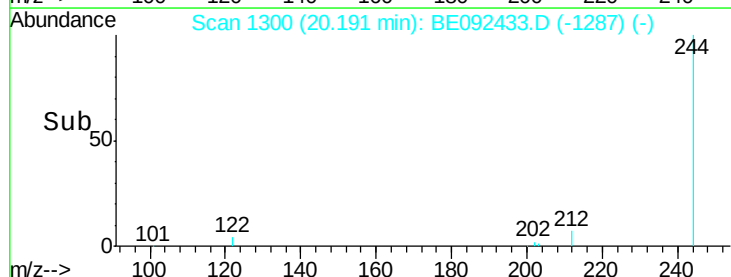
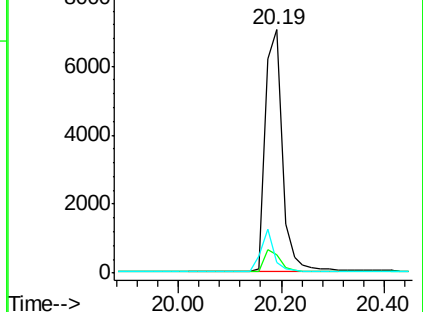
122 4.2 3.6 5.4

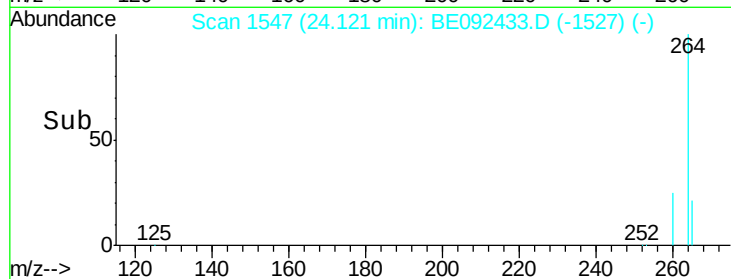
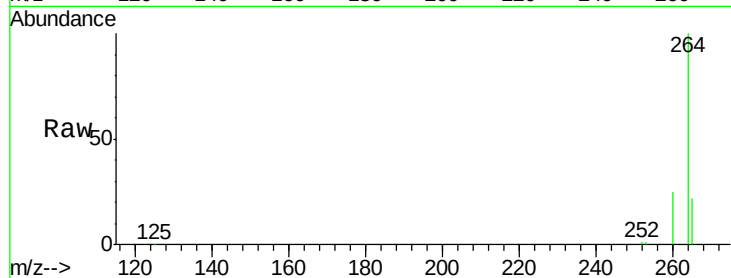
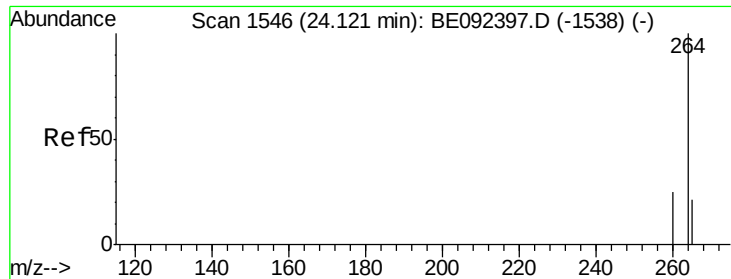


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BE092433.D

Acq: 30 Sep 2016 12:24

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion: 264 Resp: 48482

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.1 17.9 26.9

