

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090540.D
 Acq On : 17 Aug 2015 19:28
 Operator : UM/IZ
 Sample : G3323-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:36:01 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

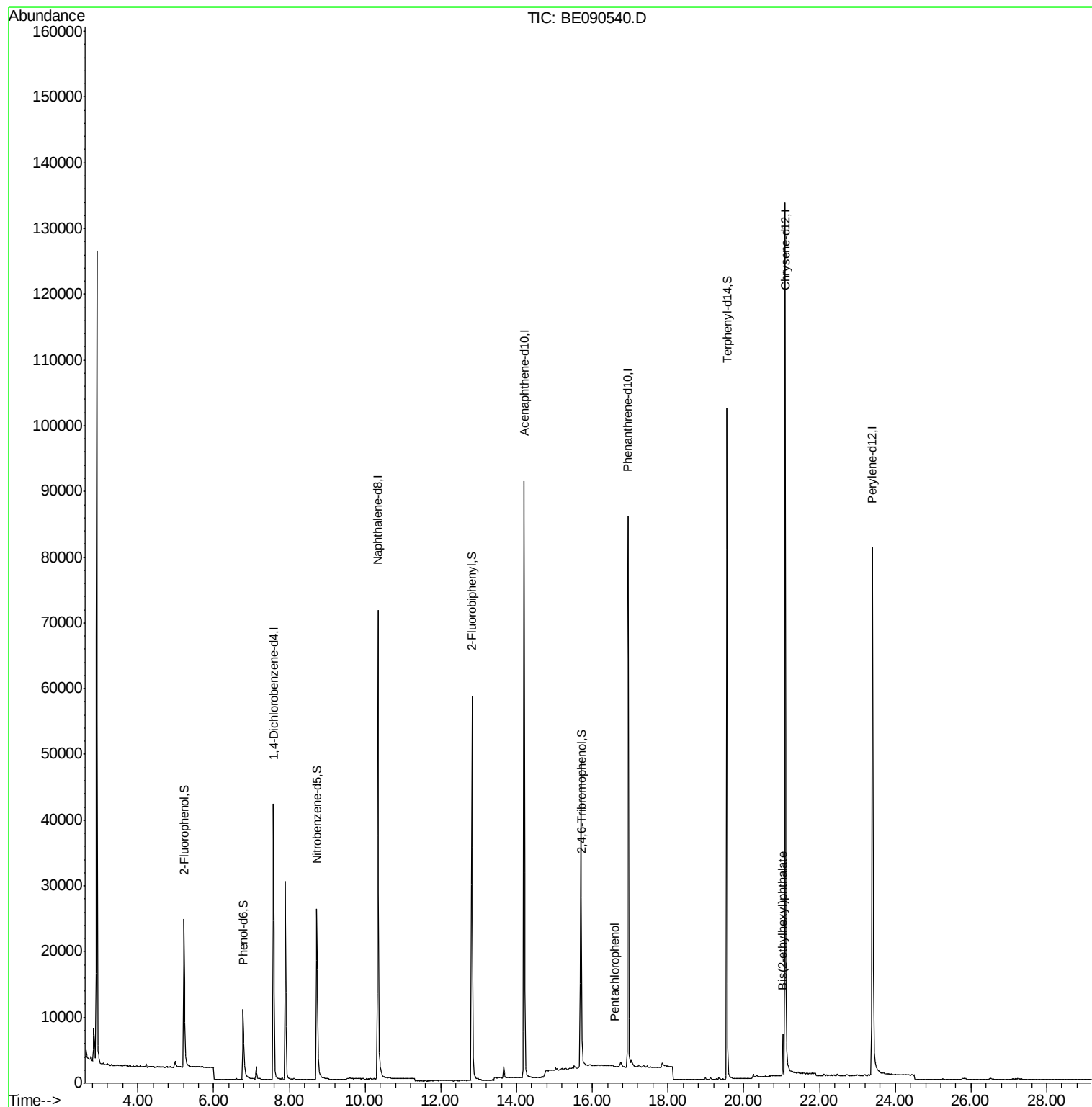
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21474	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	108456	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60163	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	129320	5.00	ng	0.00
25) Chrysene-d12	21.09	240	131363	5.00	ng	0.00
32) Perylene-d12	23.40	264	121560	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	19718	3.18	ng	0.00
5) Phenol-d6	6.78	99	17637	1.93	ng	0.00
7) Nitrobenzene-d5	8.72	82	31447	3.64	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	22260	9.61	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	66316	3.69	ng	0.00
27) Terphenyl-d14	19.55	244	102683	4.27	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.60	266	40	0.32	ng	Qvalue # 70
30) Bis(2-ethylhexyl)phthalate	21.03	149	5669	0.41	ng	100

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

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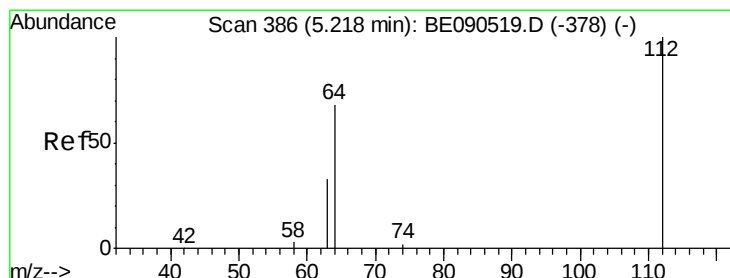
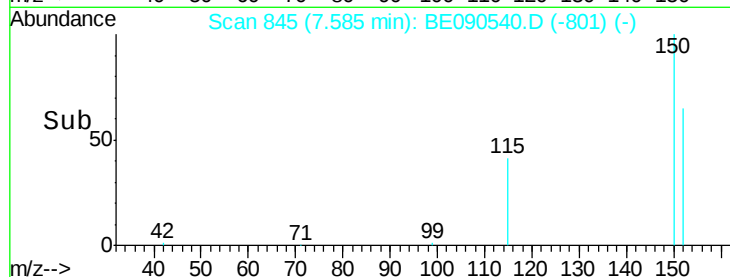
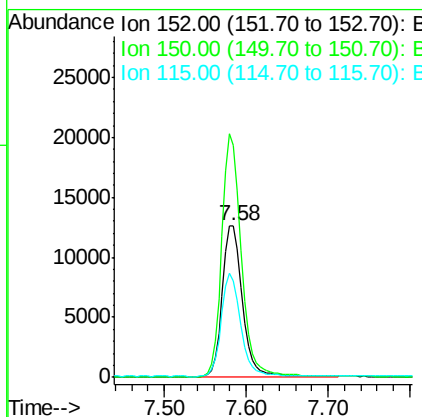
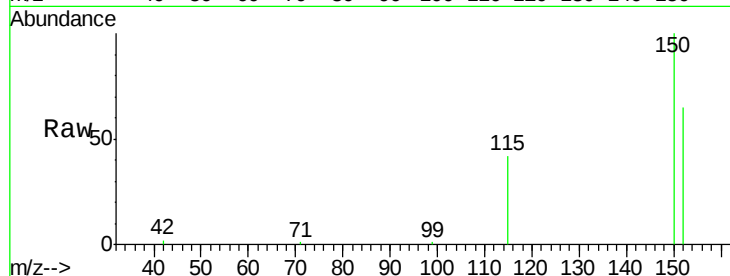


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090540.D
Acq: 17 Aug 2015 19:28

Instrument :
BNA_E
ClientSampled :

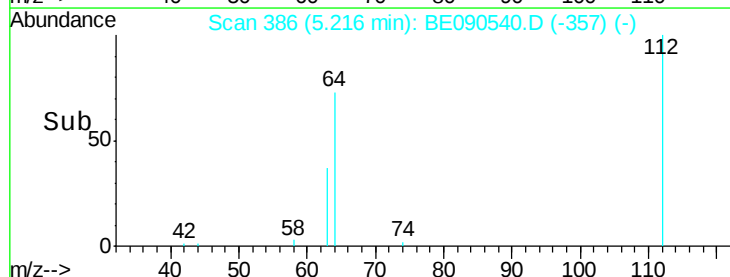
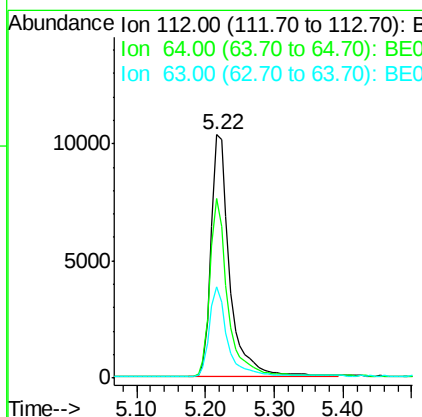
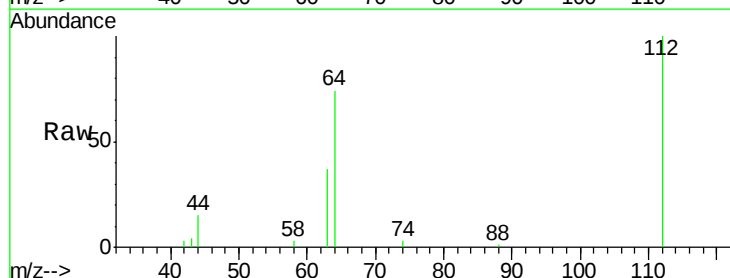
Tot Ion:152 Resp: 21474
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 63.8 48.9 73.3

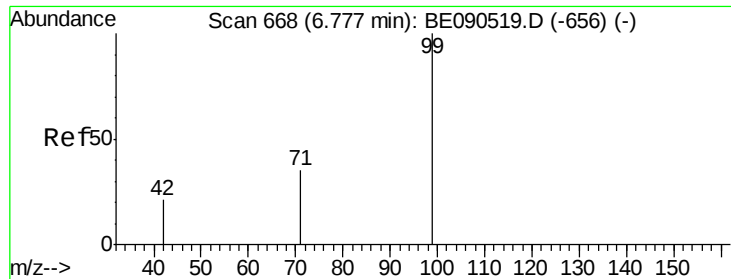


#4

2-Fluorophenol
Concen: 3.18 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090540.D
Acq: 17 Aug 2015 19:28

Tgt Ion:112 Resp: 19718
Ion Ratio Lower Upper
112 100
64 70.1 37.1 55.7#
63 35.8 19.5 29.3#





#5

Phenol-d6

Concen: 1.93 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

Instrument :

BNA_E

ClientSampleId :

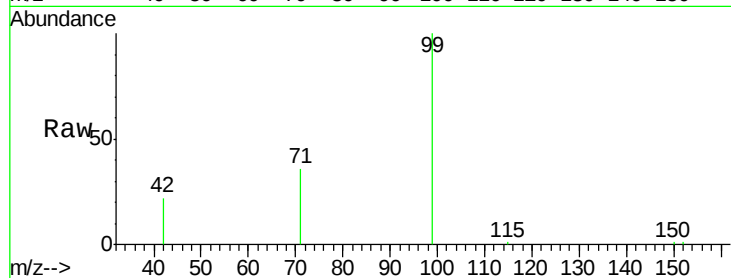
Tot Ion: 99 Resp: 17637

Ion Ratio Lower Upper

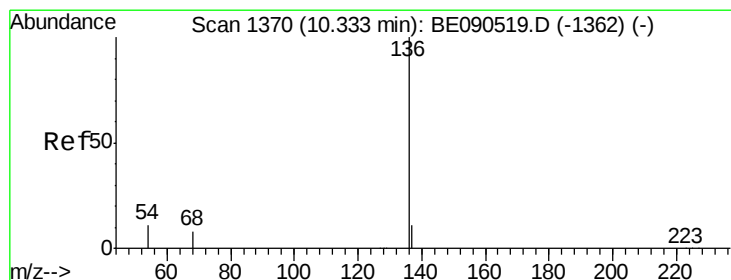
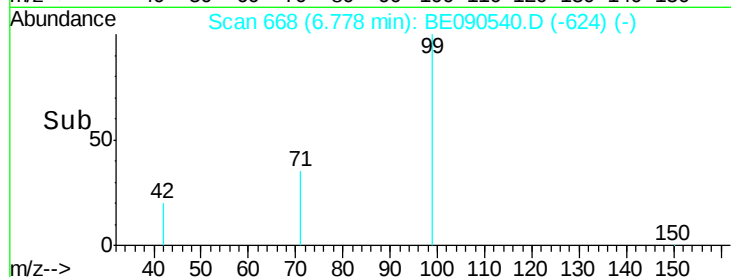
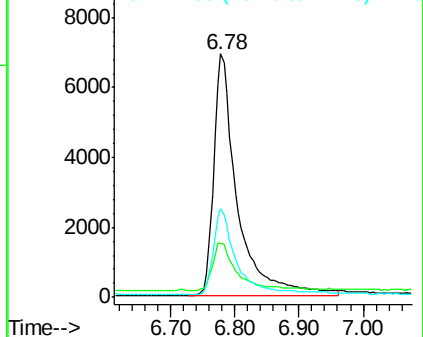
99 100

42 19.4 18.2 27.4

71 35.9 27.4 41.0



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

Tgt Ion: 136 Resp: 108456

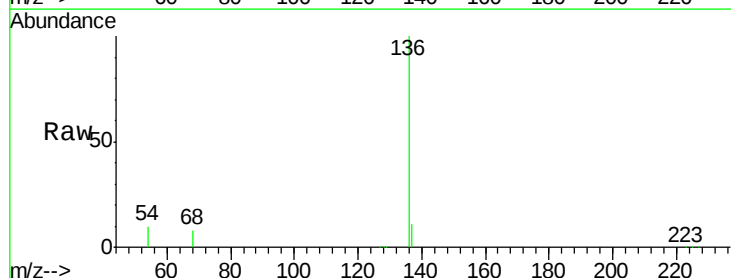
Ion Ratio Lower Upper

136 100

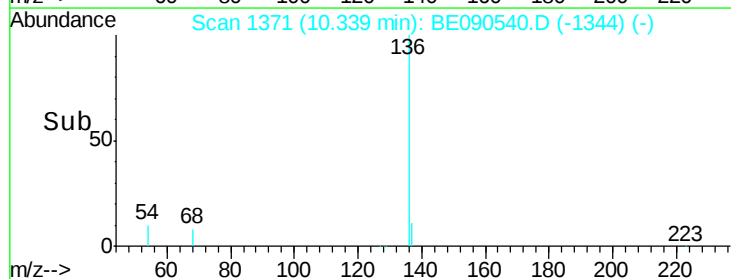
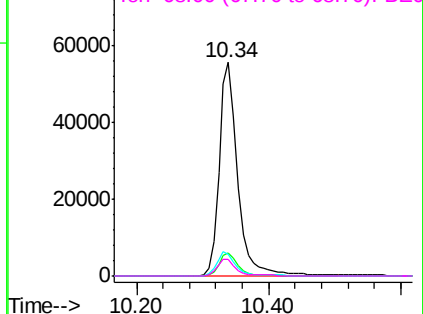
137 11.0 8.7 13.1

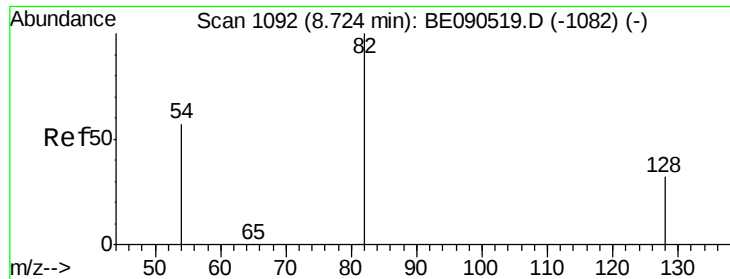
54 10.1 9.4 14.0

68 7.8 6.5 9.7



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

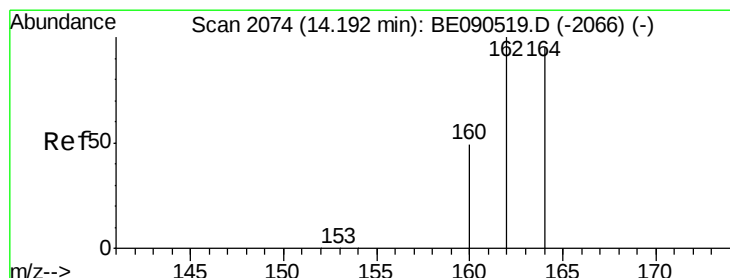
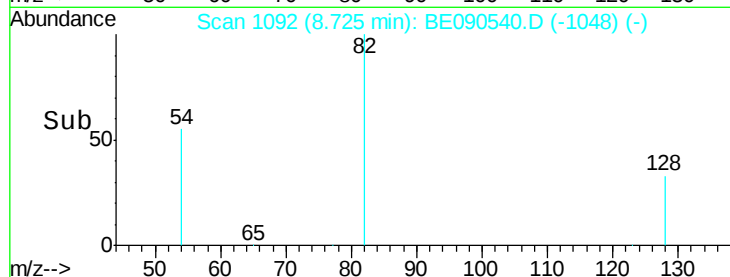
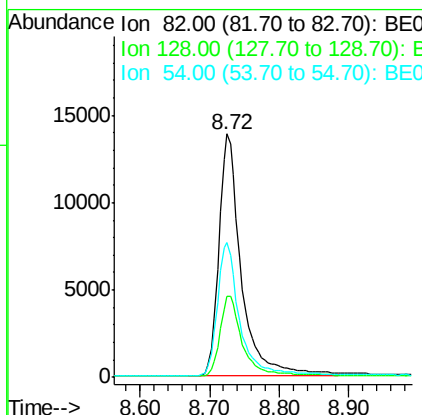
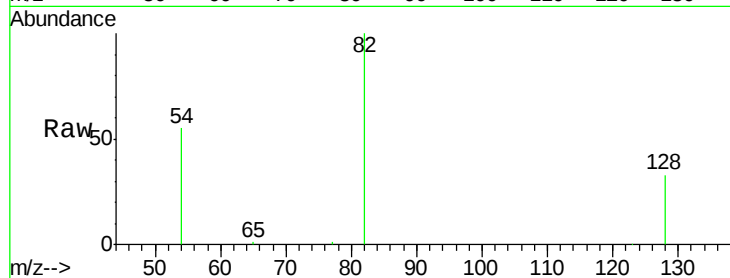




#7
 Nitrobenzene-d5
 Concen: 3.64 ng
 RT: 8.72 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BE090540.D
 Acq: 17 Aug 2015 19:28

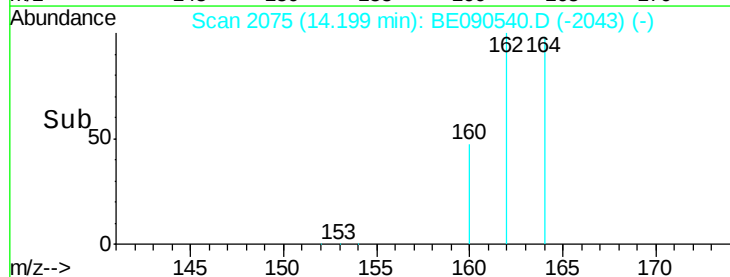
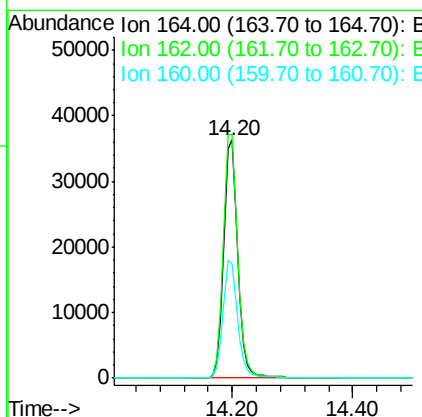
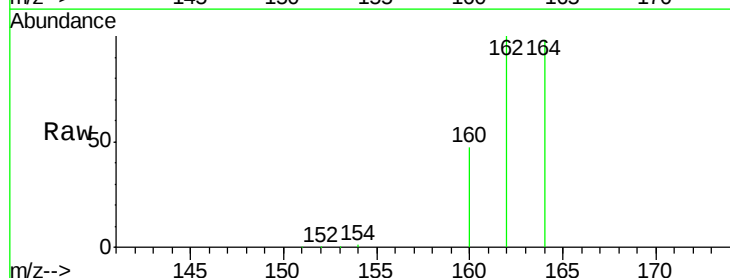
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 31447
 Ion Ratio Lower Upper
 82 100
 128 33.1 25.0 37.6
 54 55.2 48.8 73.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.20 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BE090540.D
 Acq: 17 Aug 2015 19:28

Tgt Ion: 164 Resp: 60163
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.8 122.8
 160 47.9 44.2 66.4

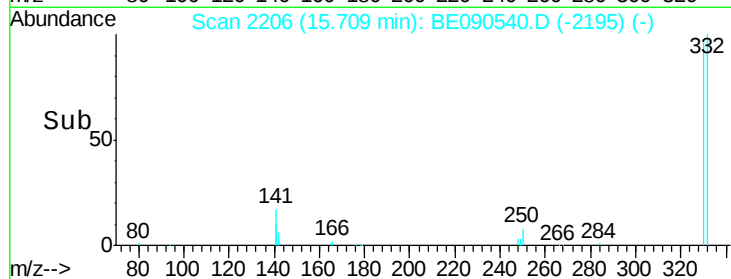
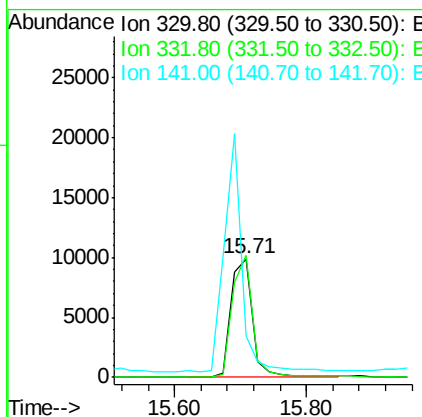
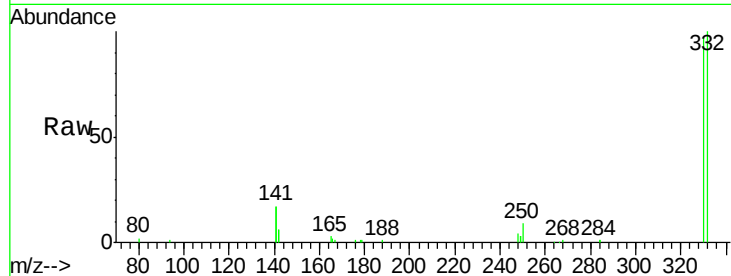




#13
 2,4,6-Tribromophenol
 Concen: 9.61 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090540.D
 Acq: 17 Aug 2015 19:28

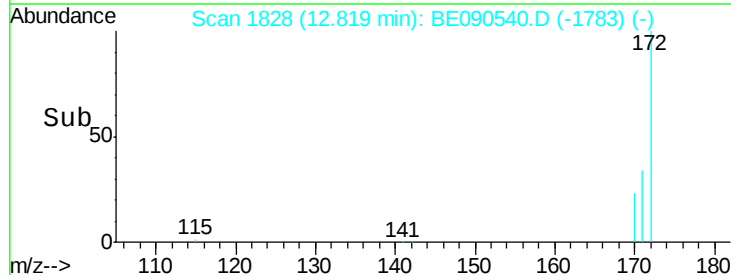
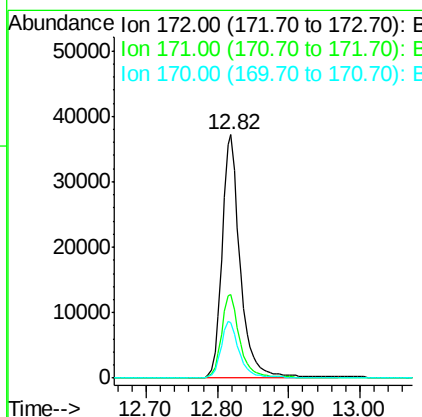
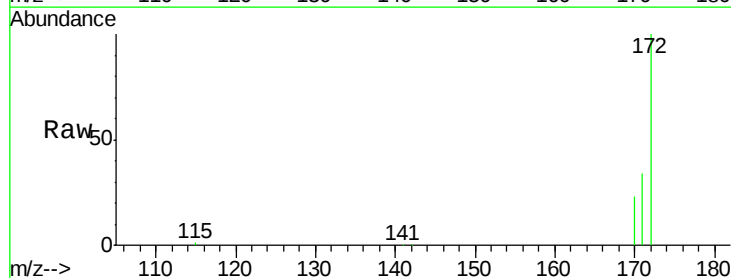
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 22260
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 164.0 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.69 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090540.D
 Acq: 17 Aug 2015 19:28

Tgt Ion:172 Resp: 66316
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.0 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

Instrument :

BNA_E

ClientSampleId :

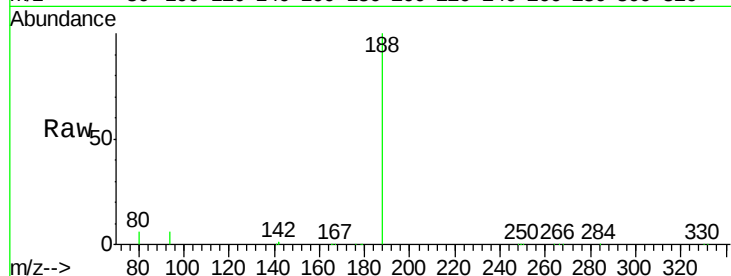
Tot Ion:188 Resp: 129320

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

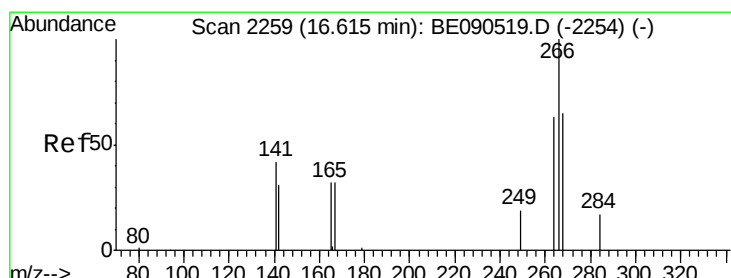
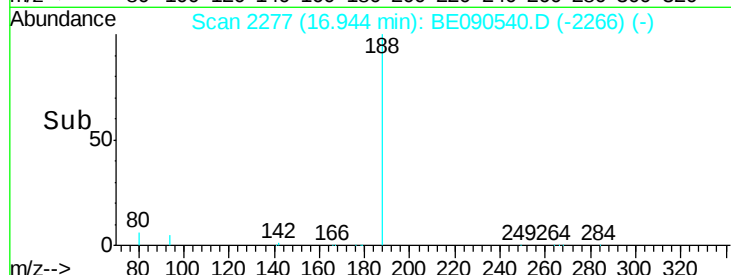
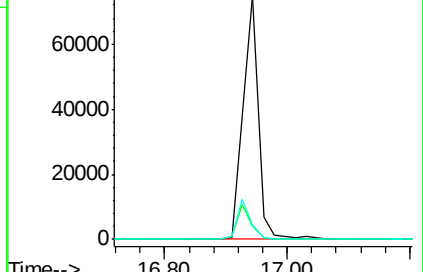
80 5.8 5.8 8.8#



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



#21

Pentachlorophenol

Concen: 0.32 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

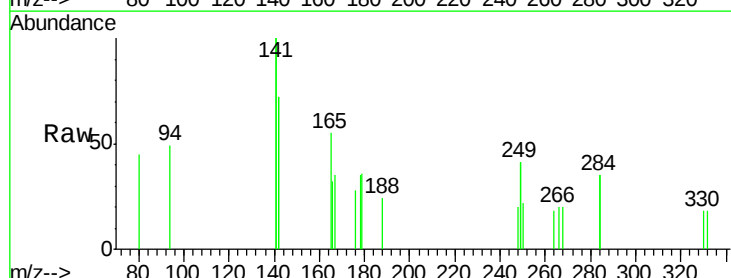
Tgt Ion:266 Resp: 40

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

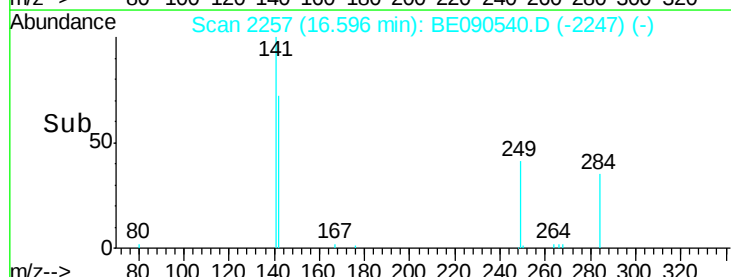
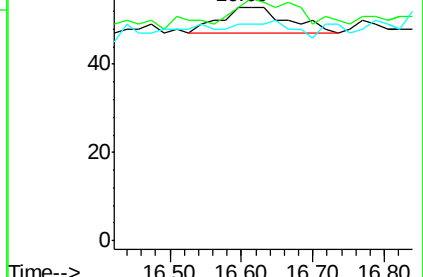
264 92.5 56.0 84.0#

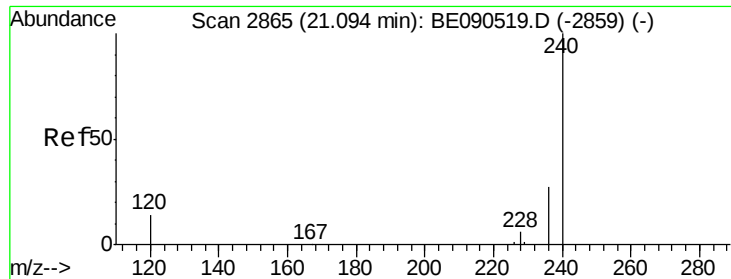


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

Instrument :

BNA_E

ClientSampleId :

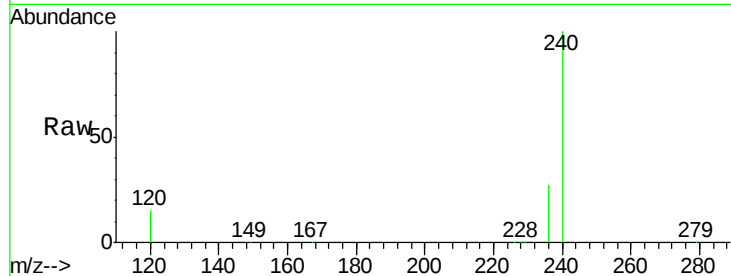
Tot Ion:240 Resp: 131363

Ion Ratio Lower Upper

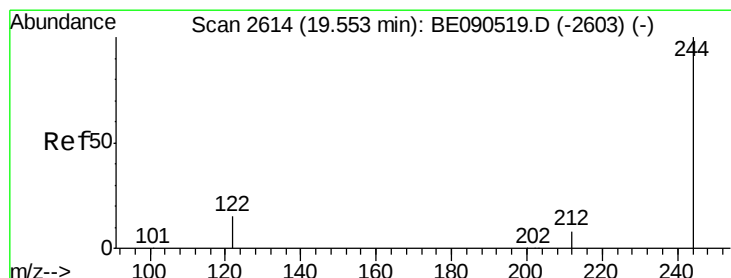
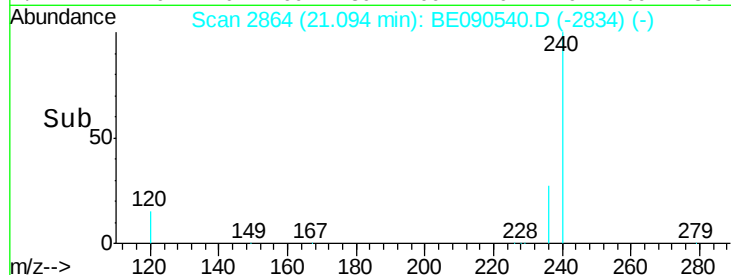
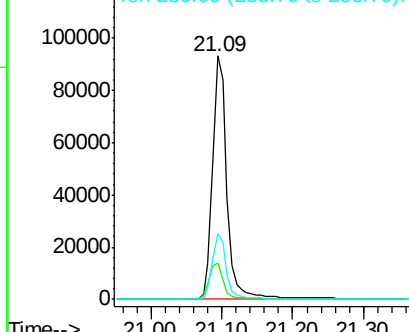
240 100

120 15.1 8.3 12.5#

236 27.2 21.0 31.4



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



#27

Terphenyl-d14

Concen: 4.27 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

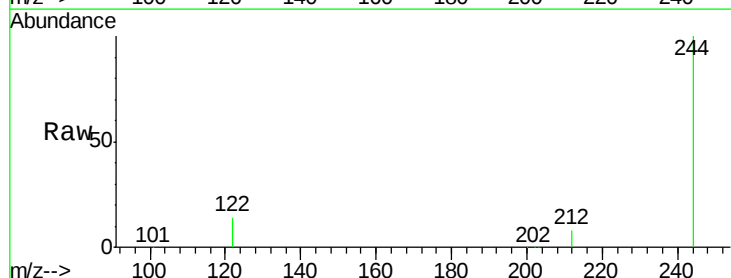
Tgt Ion:244 Resp: 102683

Ion Ratio Lower Upper

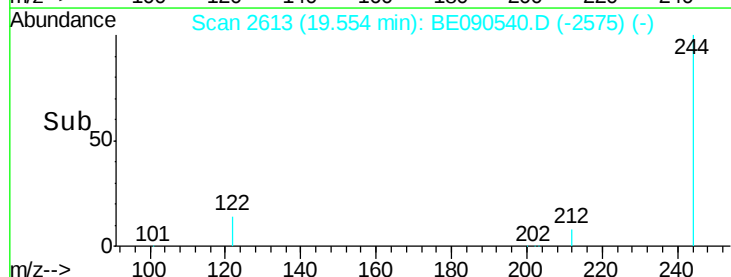
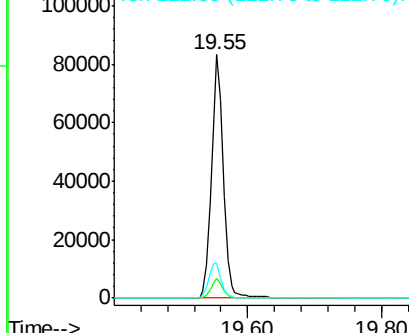
244 100

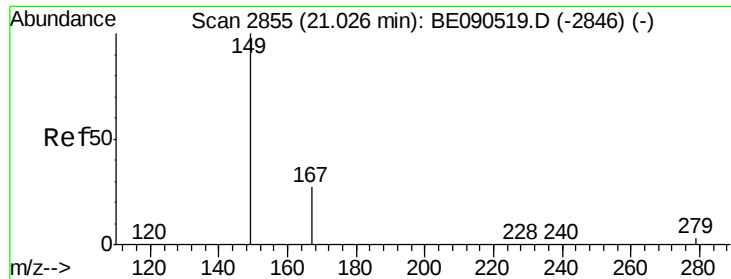
212 8.0 6.6 9.8

122 14.2 10.2 15.4



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

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

Instrument :

BNA_E

ClientSampleId :

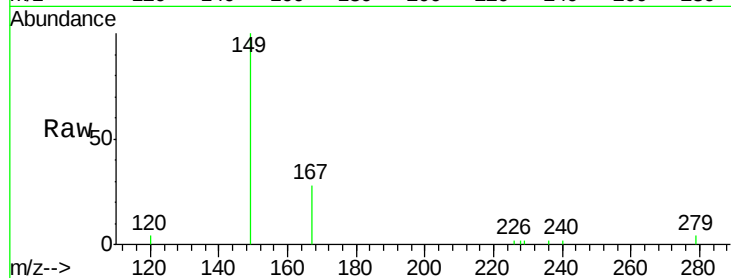
Tot Ion:149 Resp: 5669

Ion Ratio Lower Upper

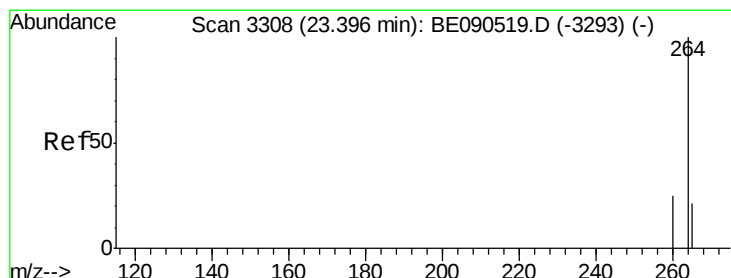
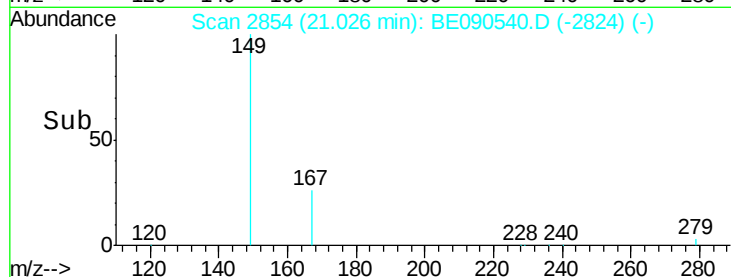
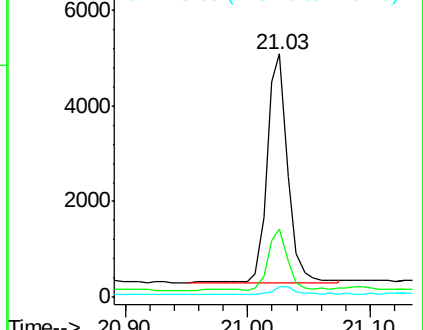
149 100

167 24.6 19.8 29.8

279 3.2 2.4 3.6



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090540.D

Acq: 17 Aug 2015 19:28

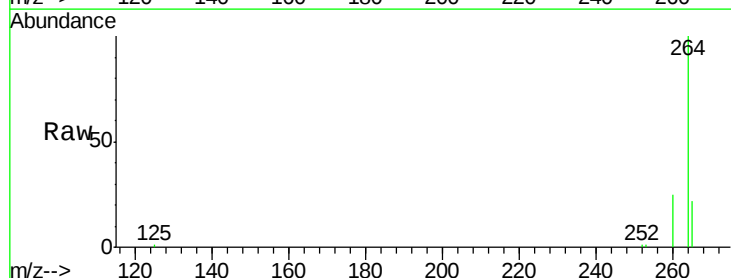
Tgt Ion:264 Resp: 121560

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 21.8 17.2 25.8



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

