

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089943.D
 Acq On : 26 Jun 2015 15:24
 Operator : TP/IZ
 Sample : PB84221BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84221BL

Quant Time: Jun 27 00:59:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

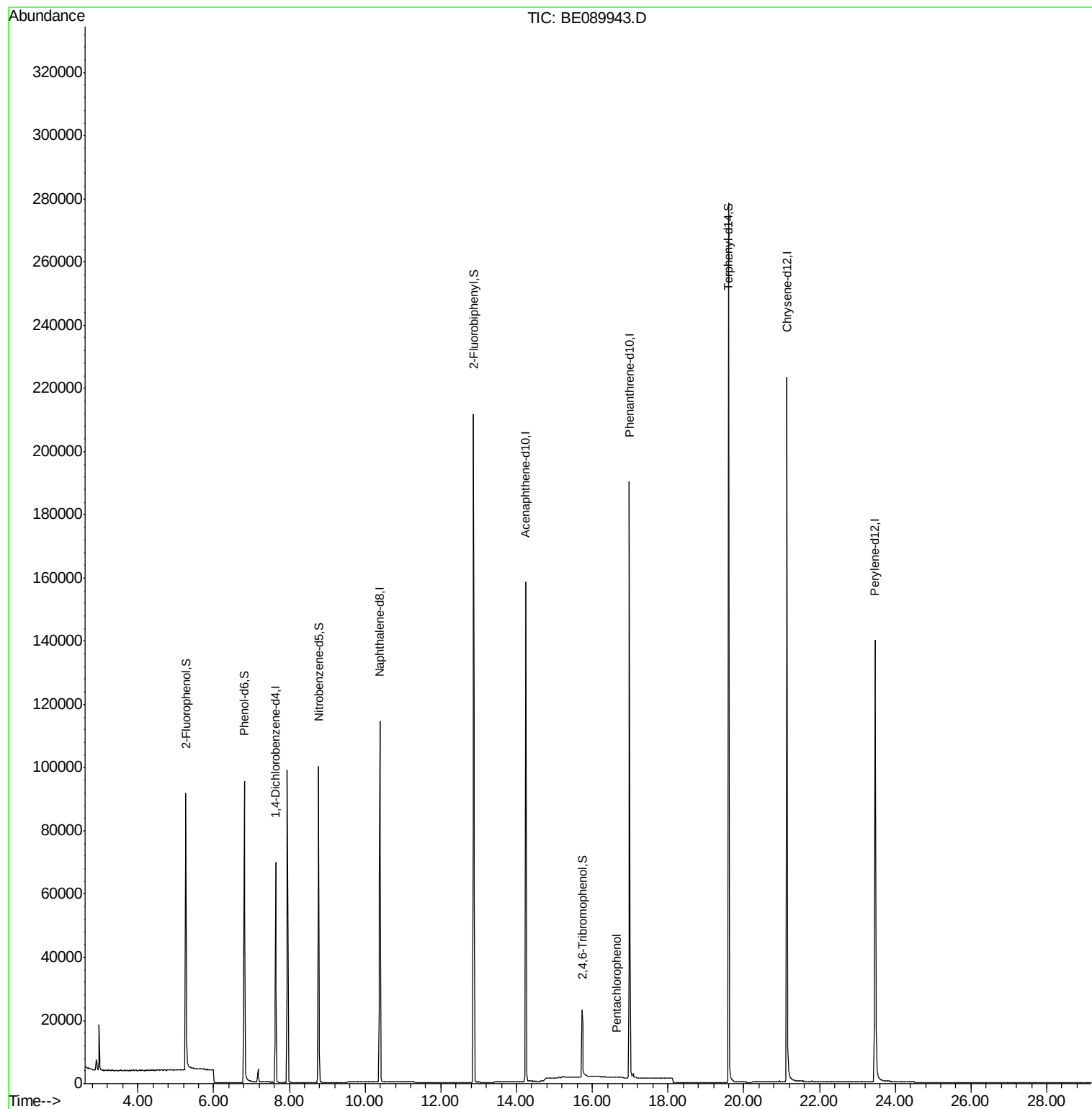
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	31801	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	147095	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	92095	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	221455	5.00	ng	0.00
25) Chrysene-d12	21.14	240	227260	5.00	ng	0.00
32) Perylene-d12	23.46	264	196413	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	61250	10.67	ng	0.00
5) Phenol-d6	6.81	99	95026	10.80	ng	0.00
7) Nitrobenzene-d5	8.77	82	80418	7.34	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	10836	6.72	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	187168	6.97	ng	0.00
27) Terphenyl-d14	19.60	244	282882	7.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	57	Below Cal	#	22
17) Fluorene	15.27	166	27	Below Cal	#	8
21) Pentachlorophenol	16.65	266	7	0.44 ng	#	57

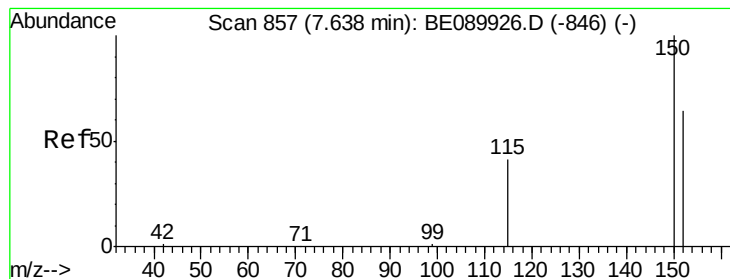
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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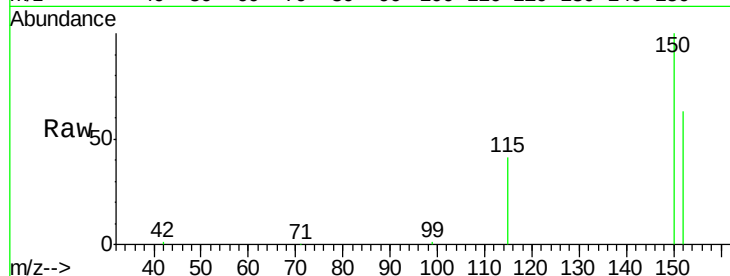


#1

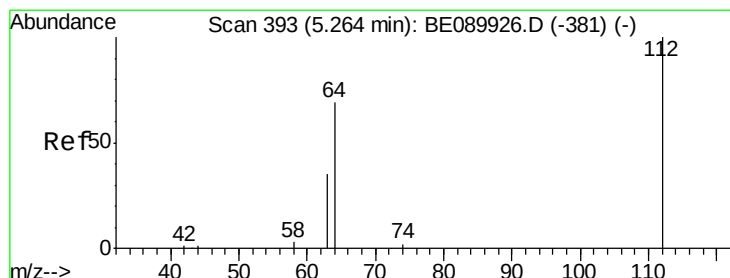
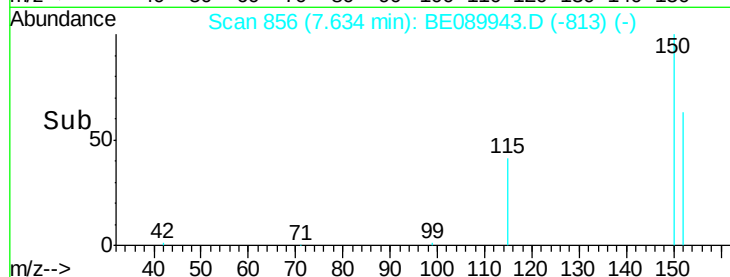
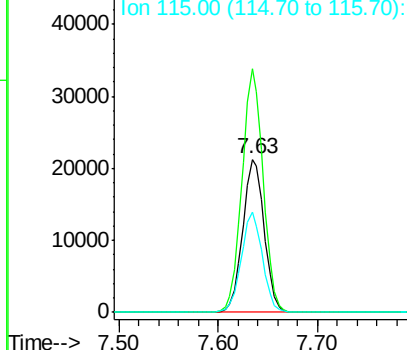
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089943.D
Acq: 26 Jun 2015 15:24

Instrument :
BNA_E
ClientSampleId :
PB84221BL

Tgt Ion:152 Resp: 31801
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.3 51.6 77.4



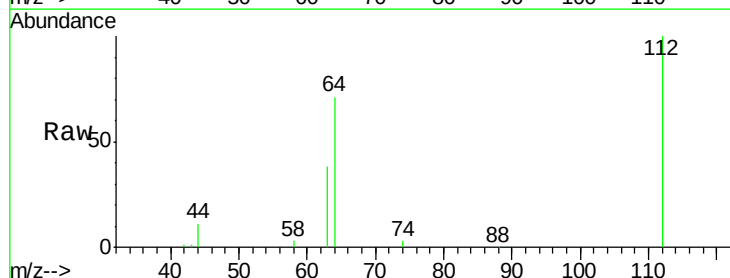
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



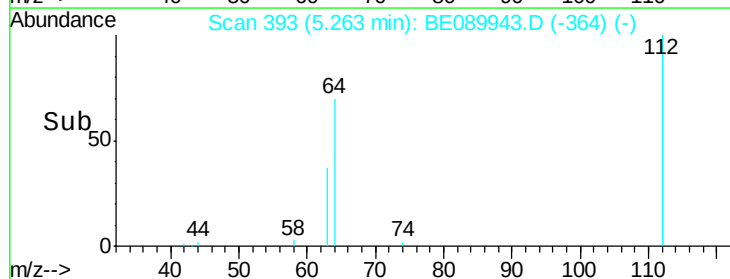
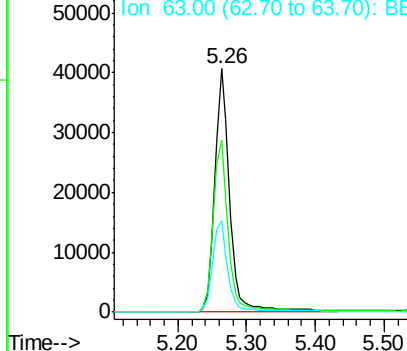
#4

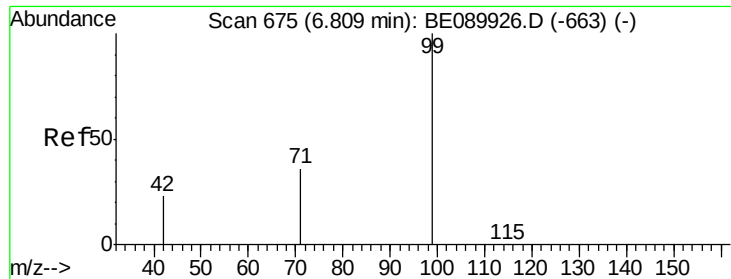
2-Fluorophenol
Concen: 10.67 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089943.D
Acq: 26 Jun 2015 15:24

Tgt Ion:112 Resp: 61250
Ion Ratio Lower Upper
112 100
64 72.0 57.4 86.2
63 38.8 31.2 46.8



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: 10.80 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Instrument :

BNA_E

ClientSampleId :

PB84221BL

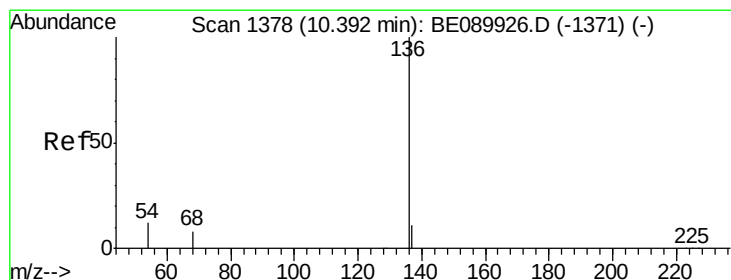
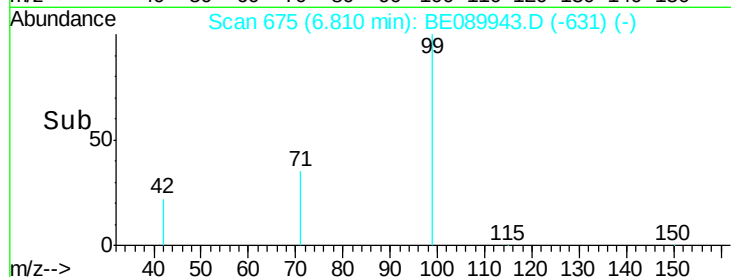
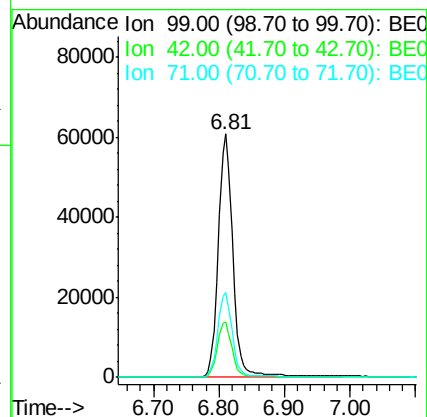
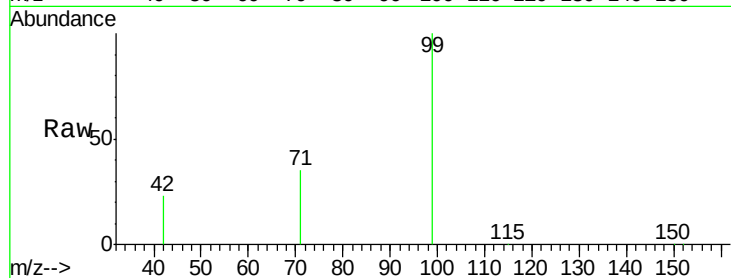
Tgt Ion: 99 Resp: 95026

Ion Ratio Lower Upper

99 100

42 23.0 19.5 29.3

71 34.9 27.8 41.6



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Tgt Ion: 136 Resp: 147095

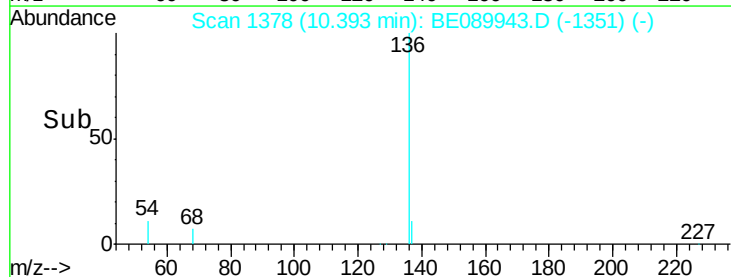
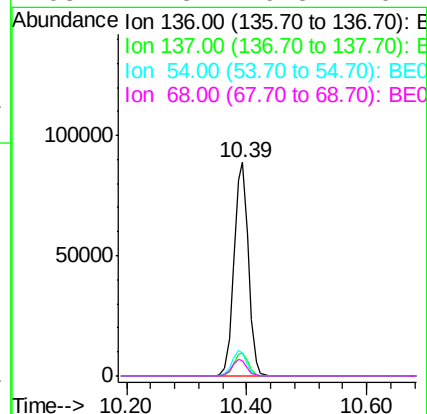
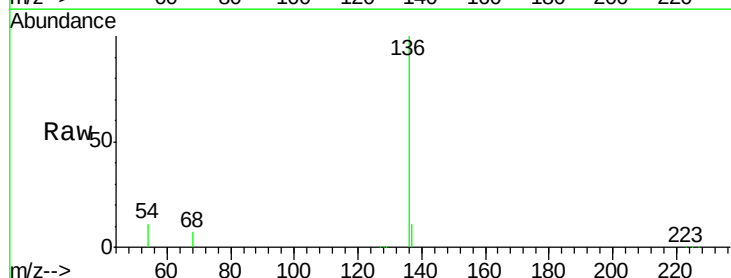
Ion Ratio Lower Upper

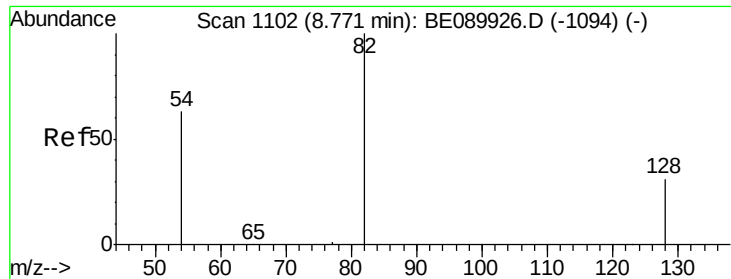
136 100

137 11.0 8.7 13.1

54 10.6 9.7 14.5

68 7.3 6.5 9.7





#7

Nitrobenzene-d5

Concen: 7.34 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Instrument :

BNA_E

ClientSampleId :

PB84221BL

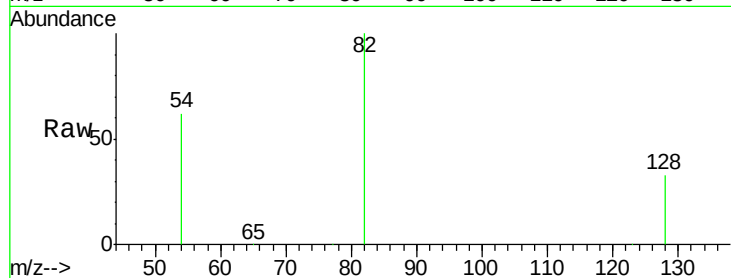
Tgt Ion: 82 Resp: 80418

Ion Ratio Lower Upper

82 100

128 33.3 25.6 38.4

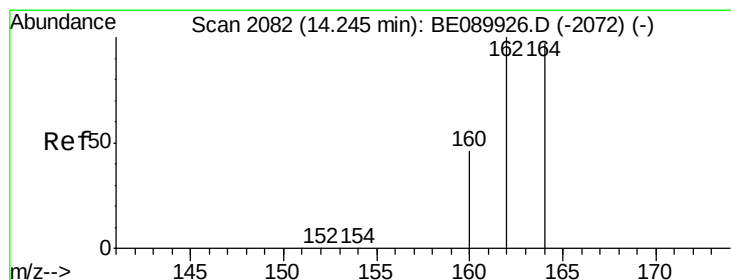
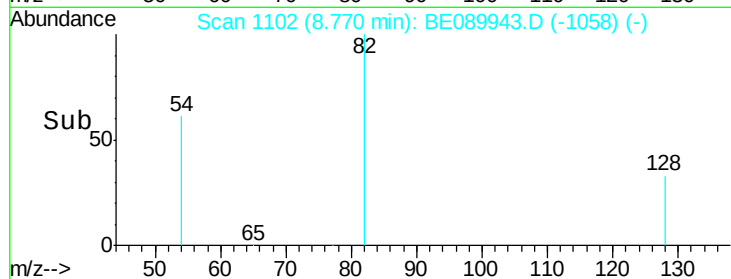
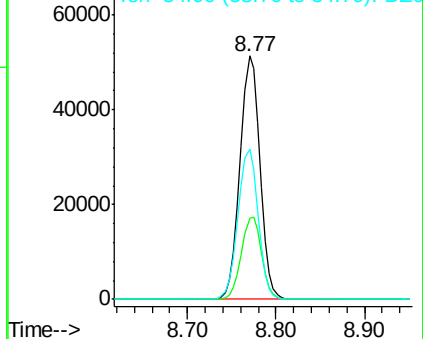
54 61.5 51.2 76.8



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: 14.24 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

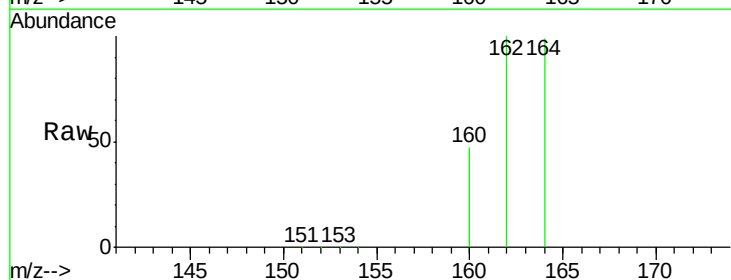
Tgt Ion: 164 Resp: 92095

Ion Ratio Lower Upper

164 100

162 101.4 82.7 124.1

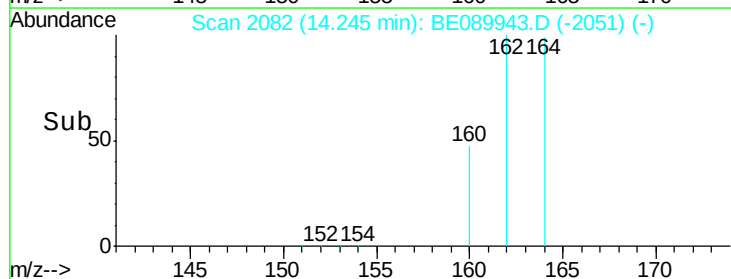
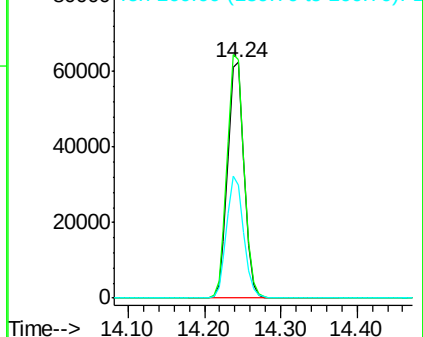
160 48.0 38.3 57.5

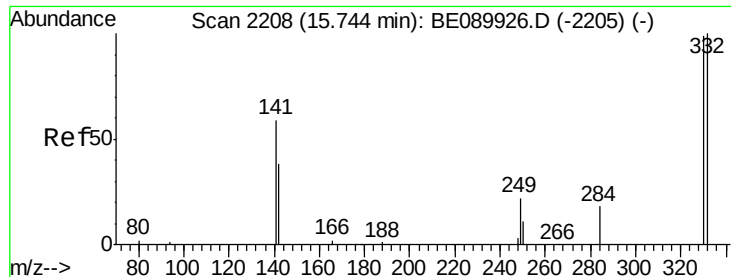


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

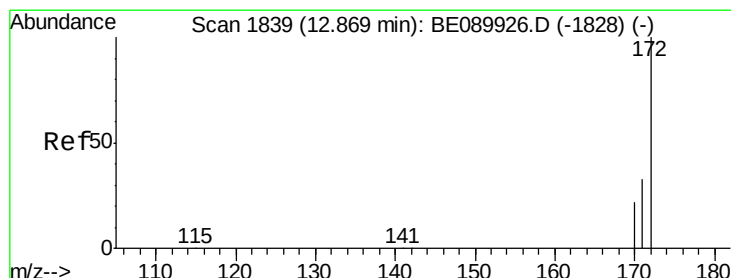
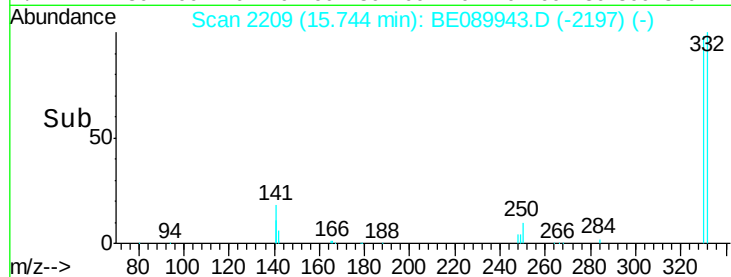
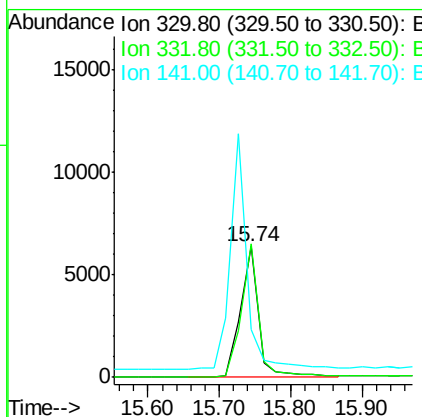
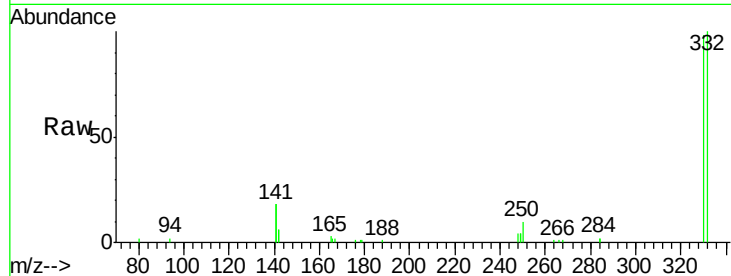




#13
 2,4,6-Tribromophenol
 Concen: 6.72 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089943.D
 Acq: 26 Jun 2015 15:24

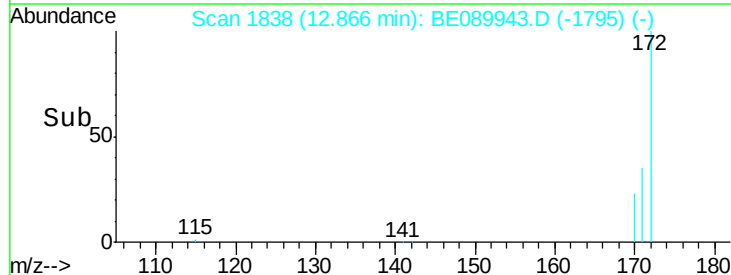
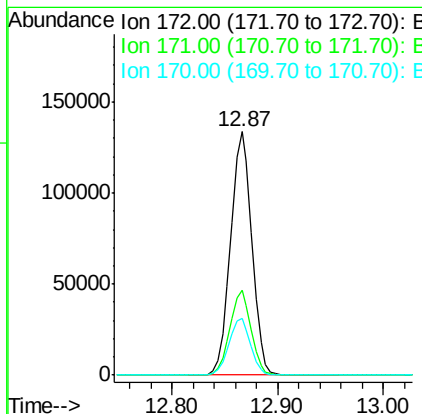
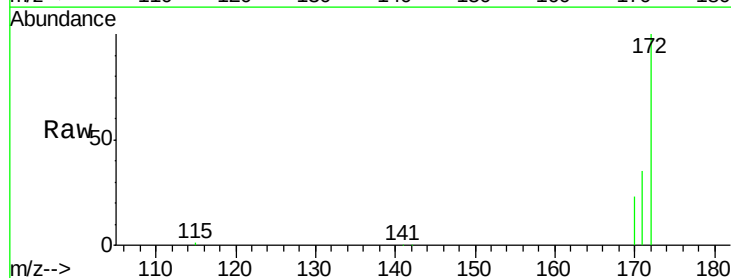
Instrument :
 BNA_E
 ClientSampleId :
 PB84221BL

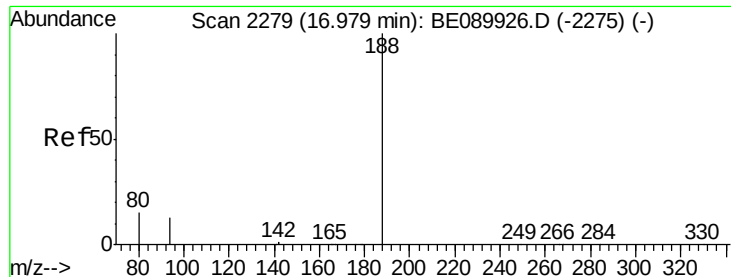
Tgt Ion:330 Resp: 10836
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.9 116.9
 141 169.6 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 6.97 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089943.D
 Acq: 26 Jun 2015 15:24

Tgt Ion:172 Resp: 187168
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.7 40.1
 170 23.1 17.5 26.3





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Instrument :

BNA_E

ClientSampleId :

PB84221BL

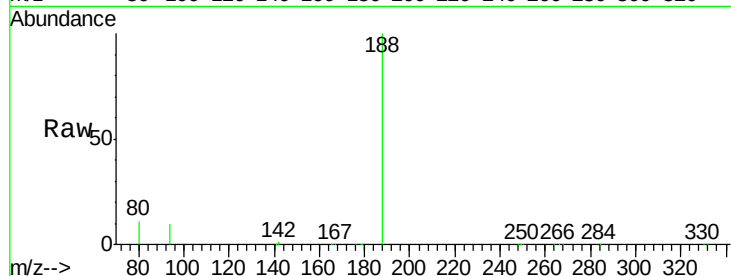
Tgt Ion:188 Resp: 221455

Ion Ratio Lower Upper

188 100

94 10.2 10.6 16.0#

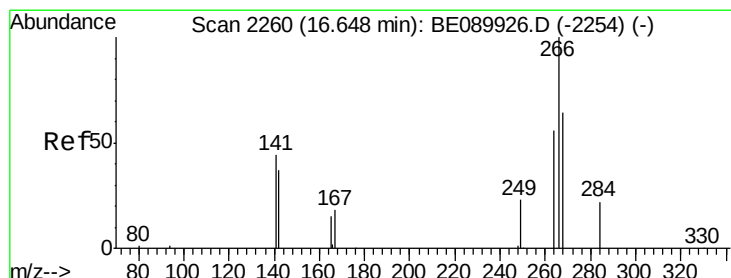
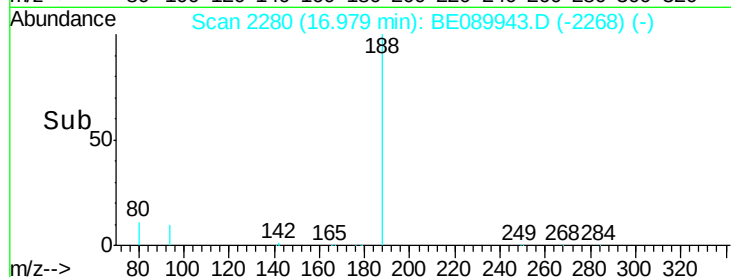
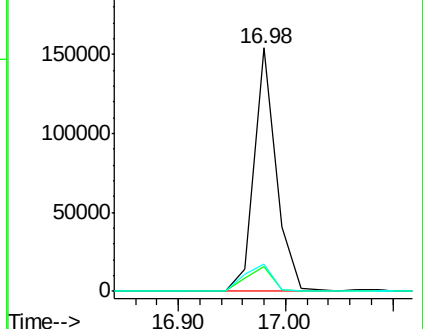
80 11.0 11.8 17.6#



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: 0.44 ng

RT: 16.65 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

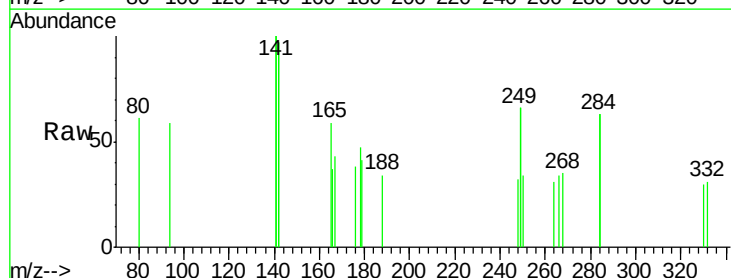
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

268 103.8 54.4 81.6#

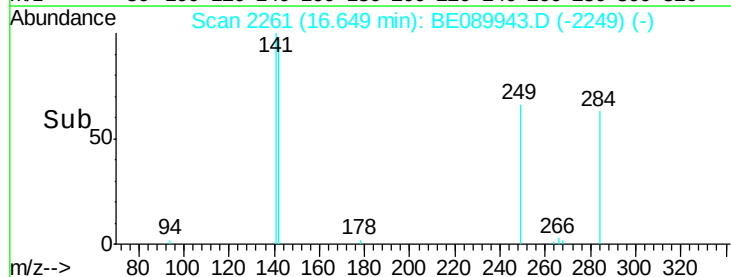
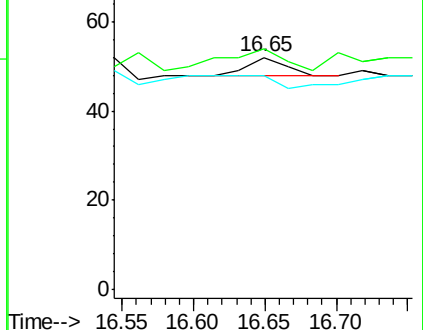
264 92.3 48.2 72.2#

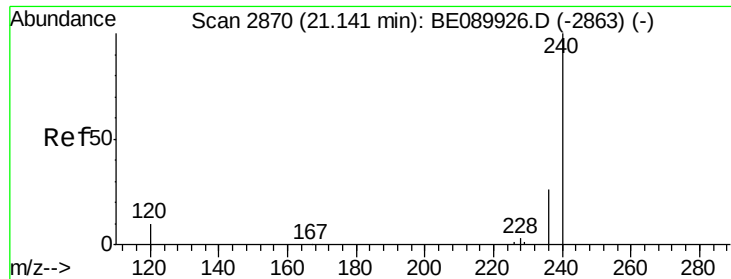


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.14 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Instrument :

BNA_E

ClientSampleId :

PB84221BL

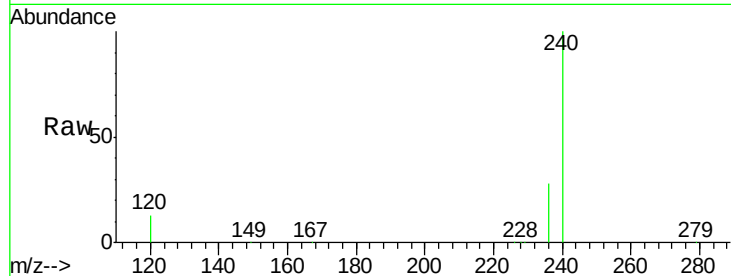
Tgt Ion:240 Resp: 227260

Ion Ratio Lower Upper

240 100

120 13.2 7.9 11.9#

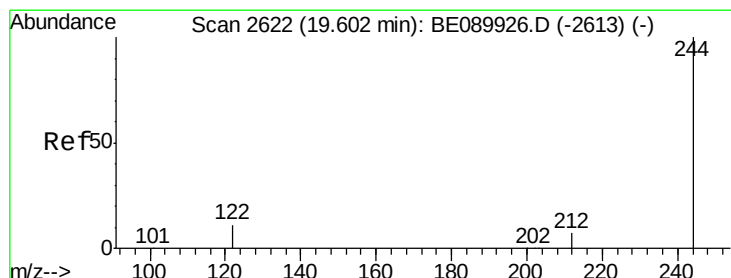
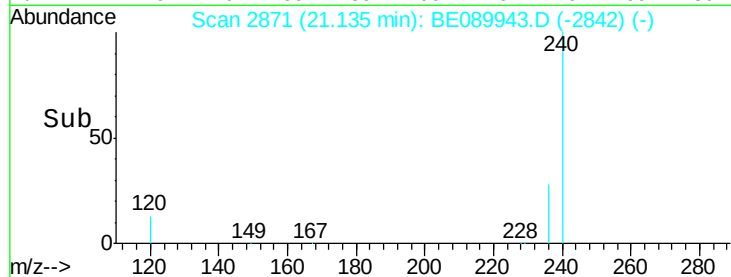
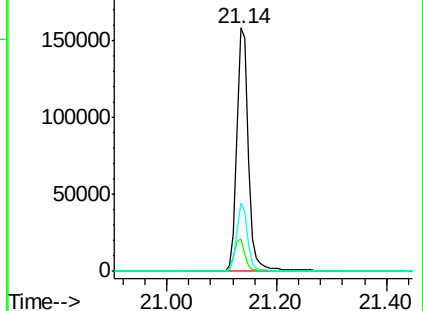
236 27.8 21.2 31.8



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: 7.21 ng

RT: 19.60 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

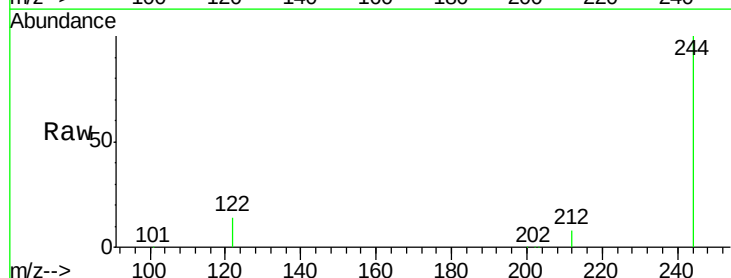
Tgt Ion:244 Resp: 282882

Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

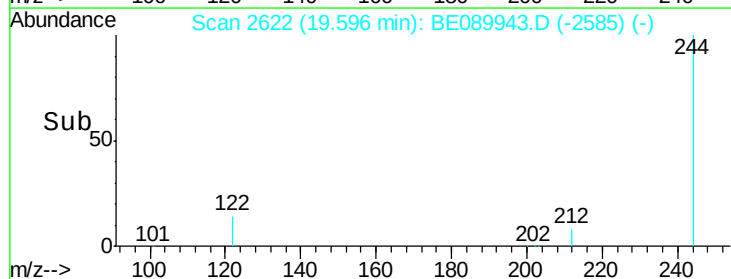
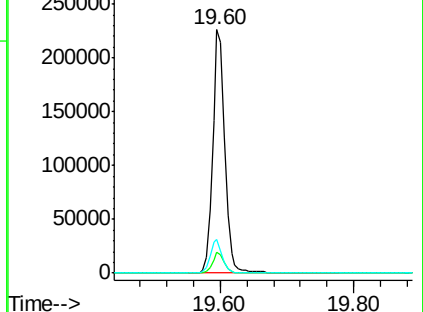
122 13.9 8.7 13.1#

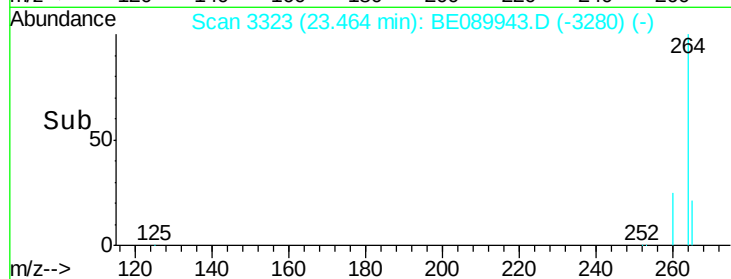
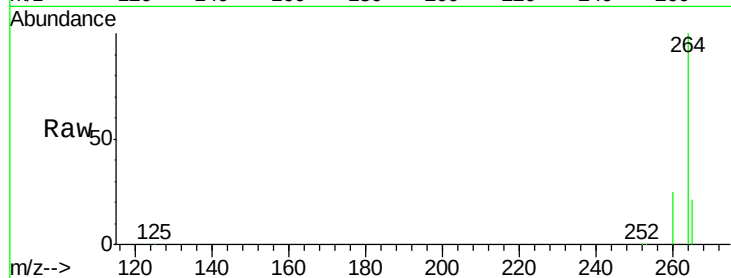
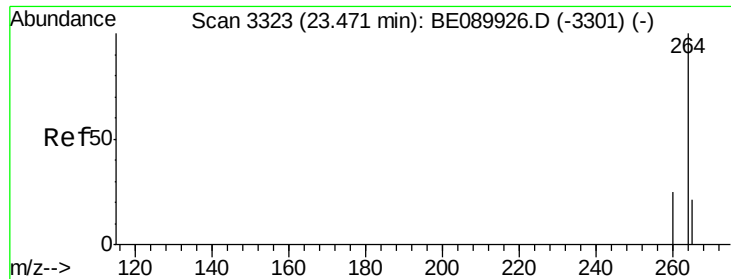


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BE089943.D

Acq: 26 Jun 2015 15:24

Instrument :

BNA_E

ClientSampleId :

PB84221BL

Tgt Ion: 264 Resp: 196413

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.6

265 21.4 17.3 25.9

