

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070615\
 Data File : BE090058.D
 Acq On : 6 Jul 2015 18:06
 Operator : TP/IZ
 Sample : G2810-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0600624-150625

Quant Time: Jul 07 01:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

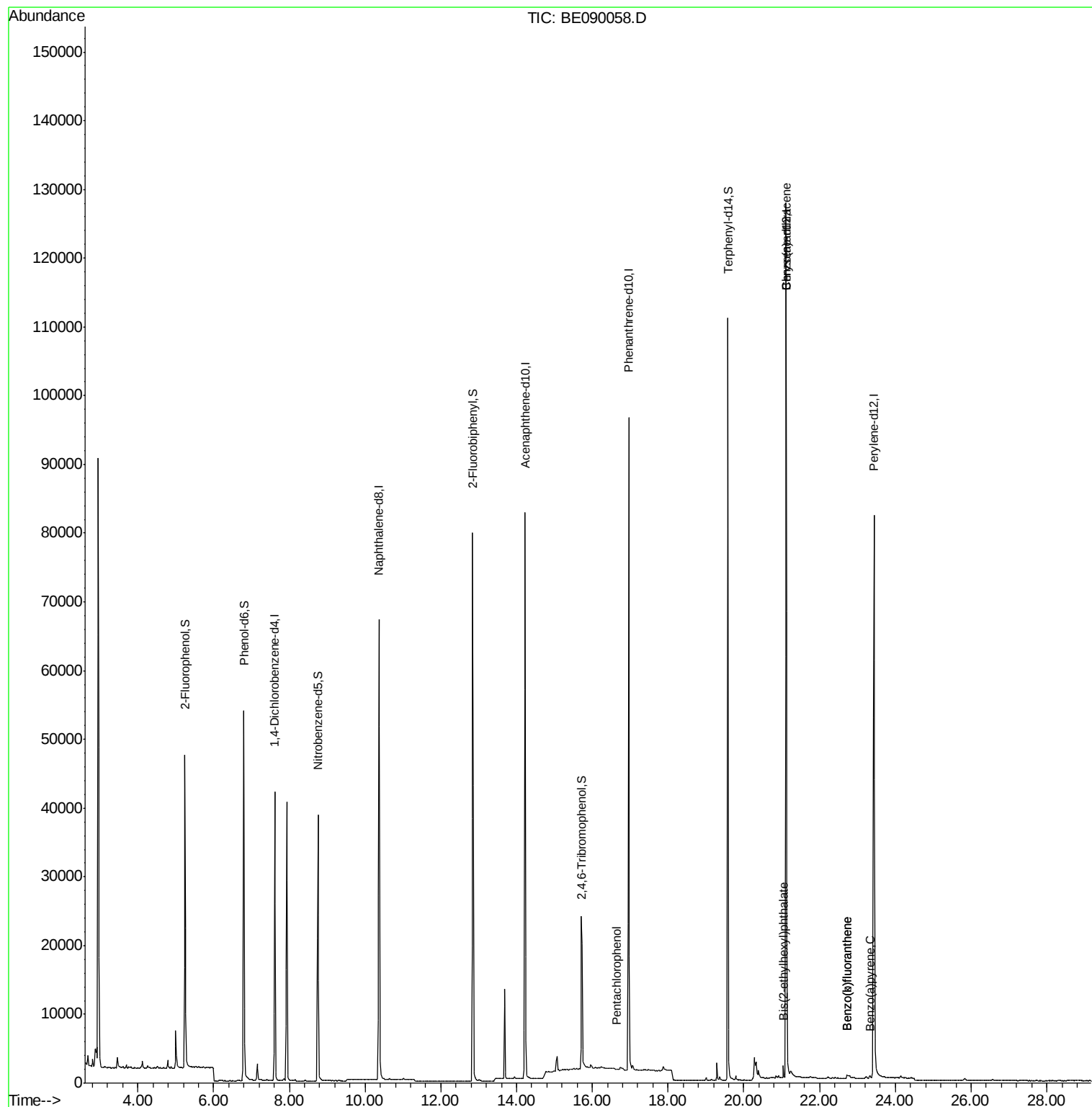
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19960	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	87023	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	48582	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	112265	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	130487	5.00	ng	-0.01
32) Perylene-d12	23.43	264	117024	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	33227	7.25	ng	0.00
5) Phenol-d6	6.80	99	56482	8.80	ng	0.00
7) Nitrobenzene-d5	8.75	82	33777	4.89	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	11380	7.99	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	77104	5.28	ng	-0.01
27) Terphenyl-d14	19.58	244	118131	5.43	ng	-0.01
Target Compounds						Qvalue
21) Pentachlorophenol	16.63	266	16	0.26	ng	# 59
28) Benzo(a)anthracene	21.11	228	963	0.03	ng	# 81
30) Bis(2-ethylhexyl)phthalate	21.05	149	1765	0.42	ng	99
33) Benzo(b)fluoranthene	22.72	252	822	0.03	ng	# 51
34) Benzo(k)fluoranthene	22.72	252	822	0.03	ng	# 51
35) Benzo(a)pyrene	23.32	252	592	0.02	ng	# 42

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

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



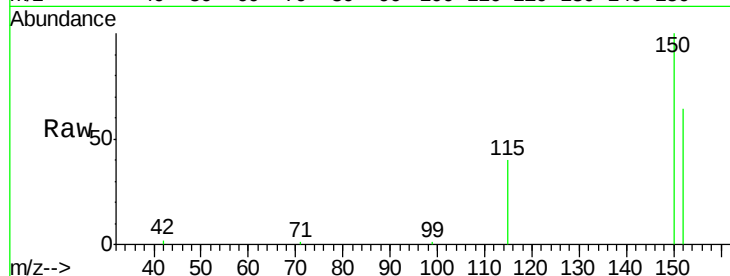


#1

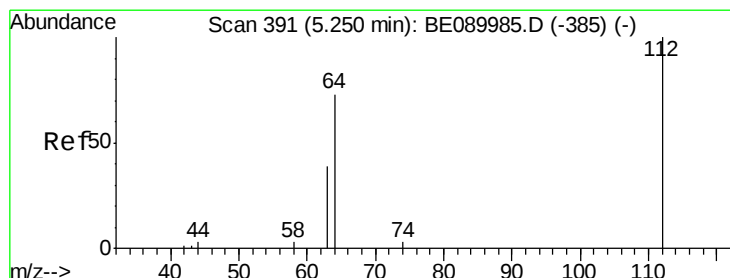
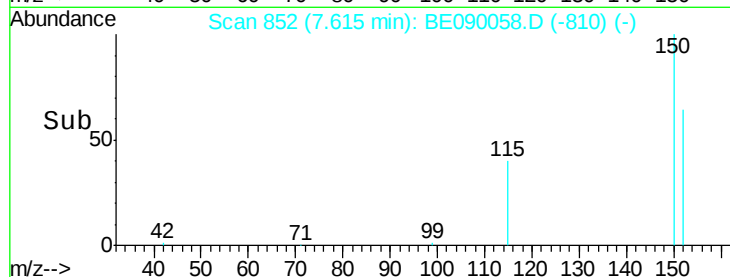
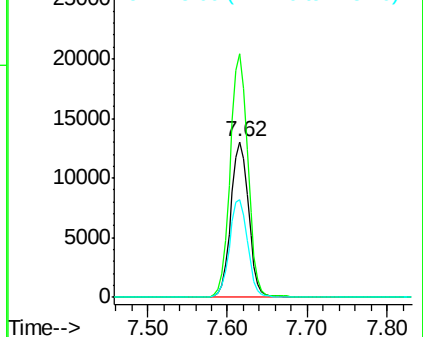
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090058.D
Acq: 6 Jul 2015 18:06

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625

Tgt Ion:152 Resp: 19960
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 62.7 50.6 76.0



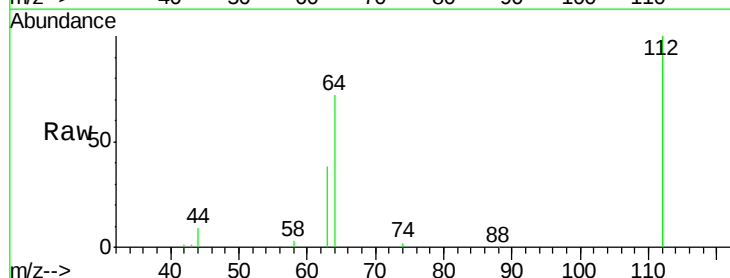
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



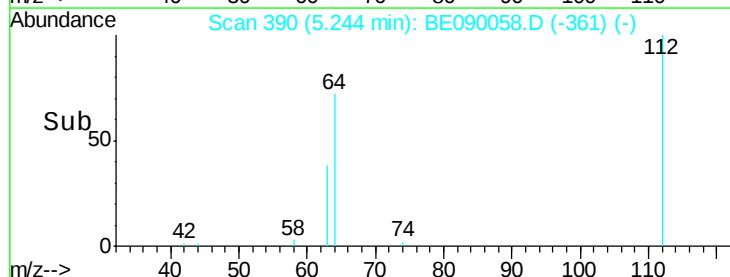
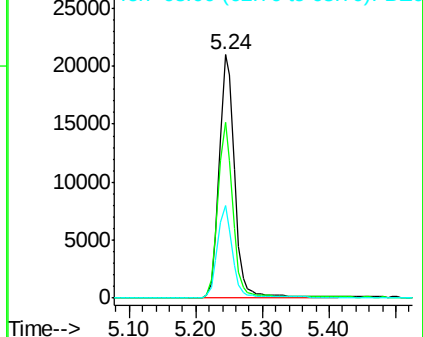
#4

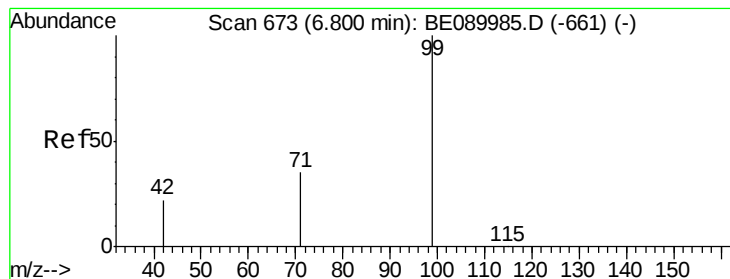
2-Fluorophenol
Concen: 7.25 ng
RT: 5.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE090058.D
Acq: 6 Jul 2015 18:06

Tgt Ion:112 Resp: 33227
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 36.6 29.8 44.6



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: 8.80 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Instrument :

BNA_E

ClientSampleId :

X1SS0600624-150625

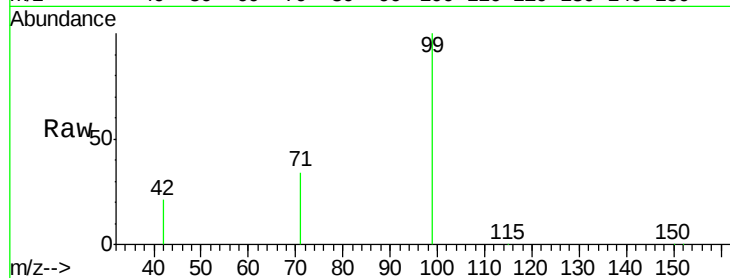
Tgt Ion: 99 Resp: 56482

Ion Ratio Lower Upper

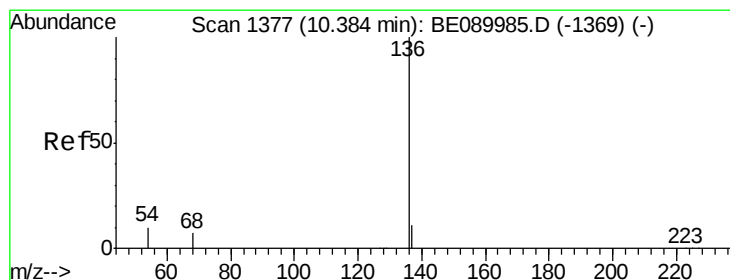
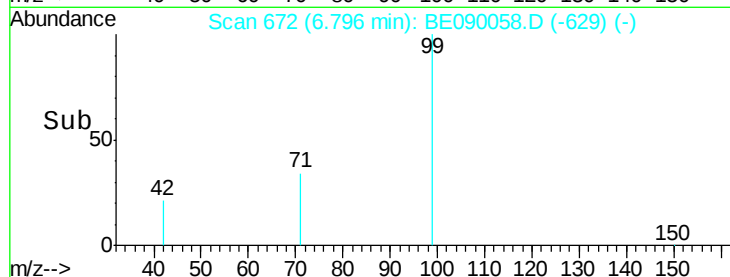
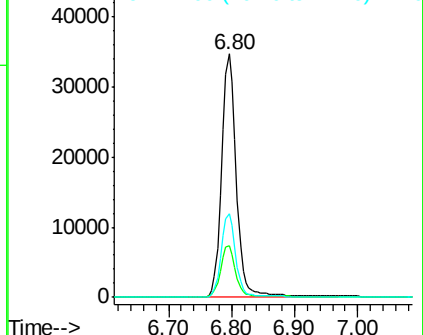
99 100

42 21.2 18.7 28.1

71 34.3 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Tgt Ion: 136 Resp: 87023

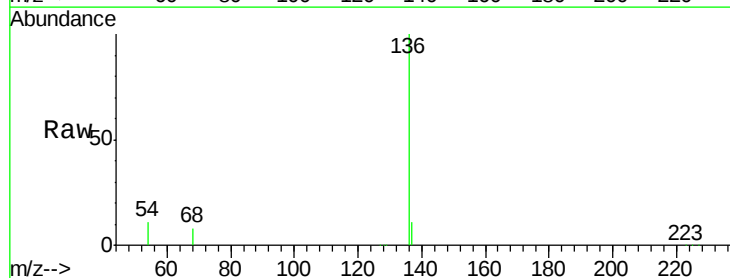
Ion Ratio Lower Upper

136 100

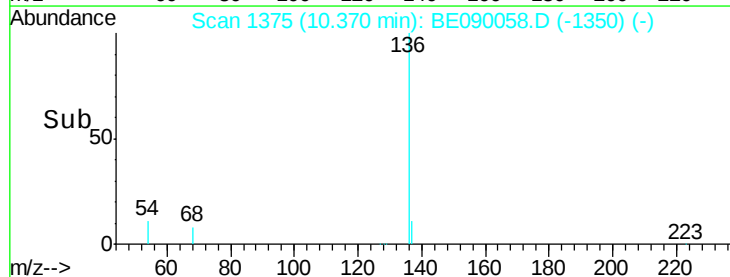
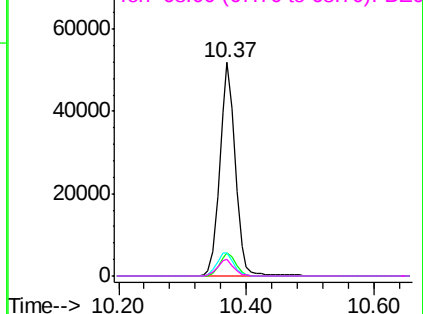
137 10.9 8.9 13.3

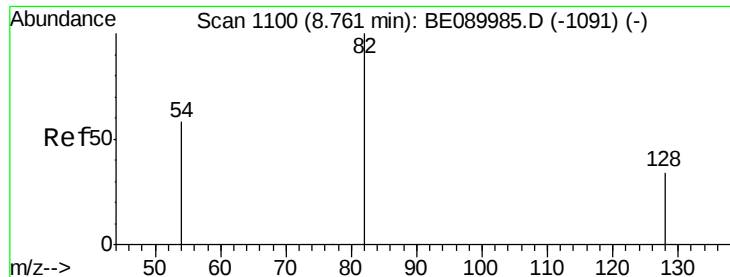
54 10.9 8.2 12.4

68 7.7 5.8 8.8



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: 4.89 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Instrument :

BNA_E

ClientSampleId :

X1SS0600624-150625

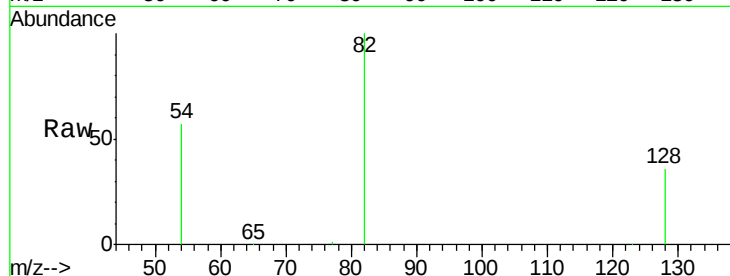
Tgt Ion: 82 Resp: 33777

Ion Ratio Lower Upper

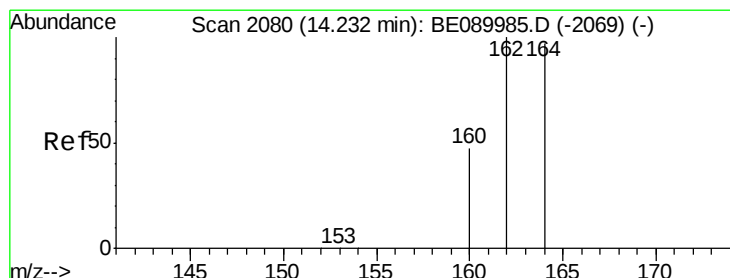
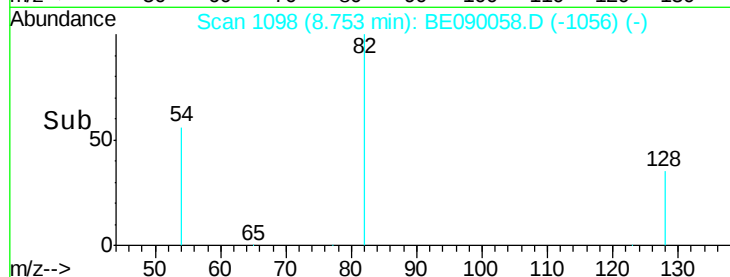
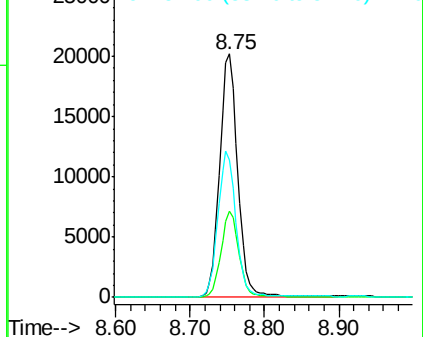
82 100

128 35.5 28.0 42.0

54 56.6 47.6 71.4



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: 14.22 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

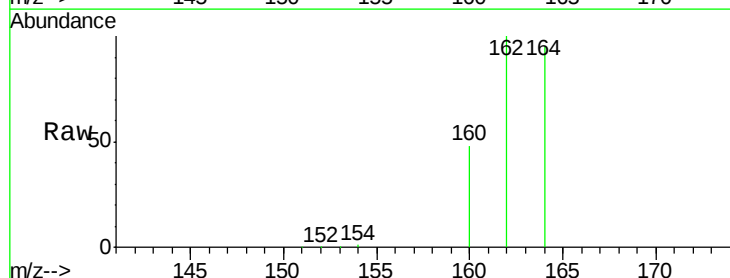
Tgt Ion: 164 Resp: 48582

Ion Ratio Lower Upper

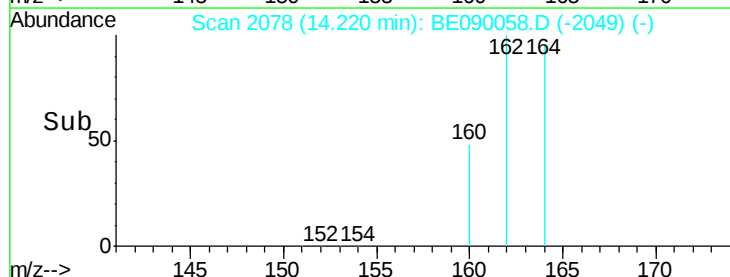
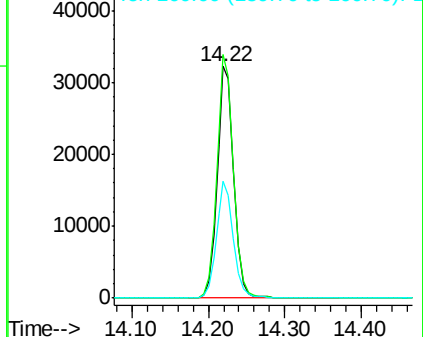
164 100

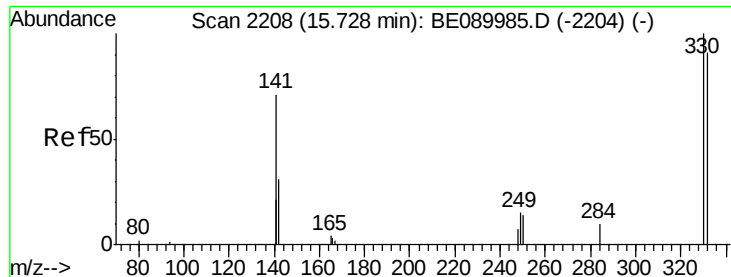
162 105.1 82.2 123.4

160 50.4 39.0 58.6



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

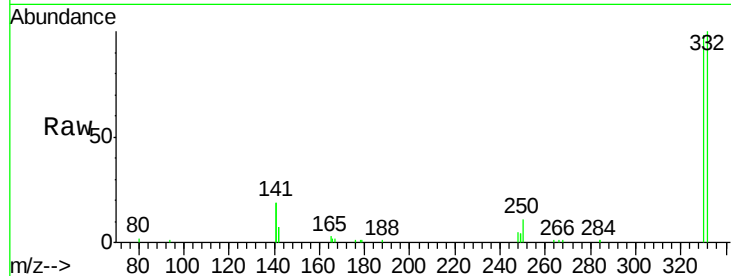




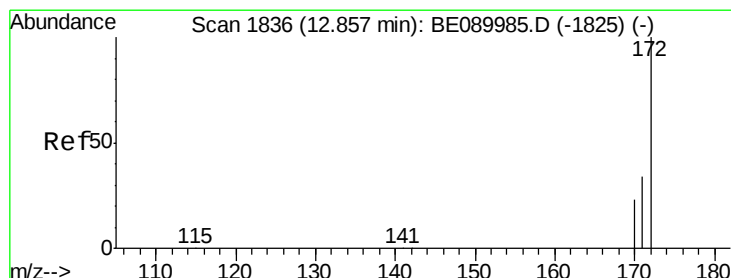
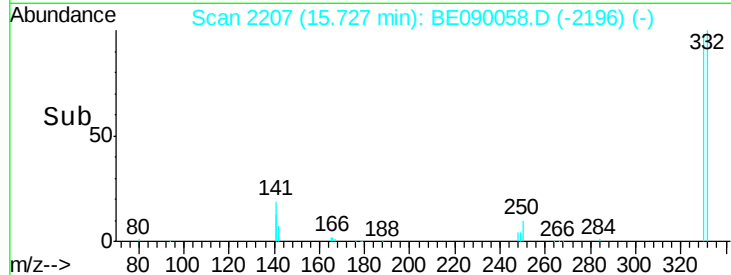
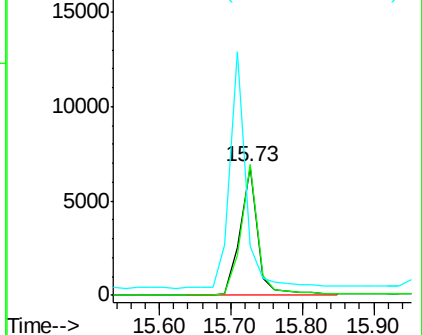
#13
 2,4,6-Tribromophenol
 Concen: 7.99 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090058.D
 Acq: 6 Jul 2015 18:06

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0600624-150625

Tgt Ion:330 Resp: 11380
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.4 114.6
 141 173.9 130.3 195.5

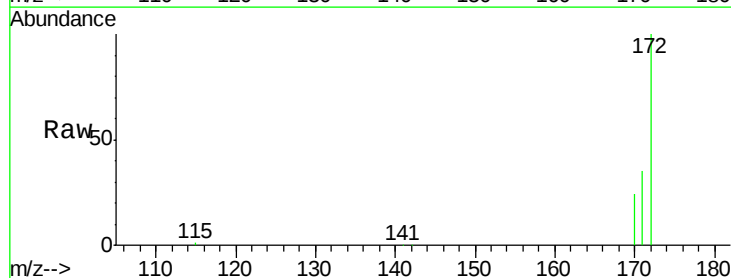


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

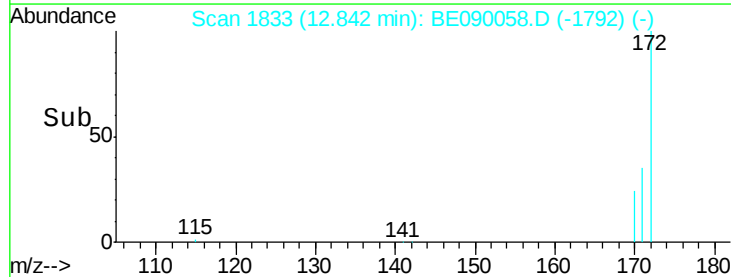
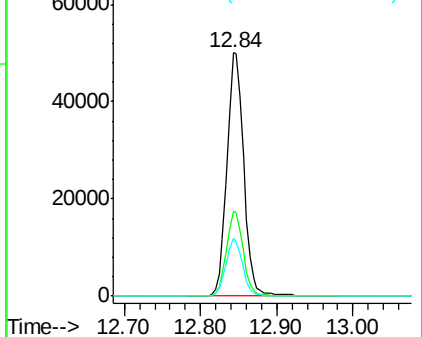


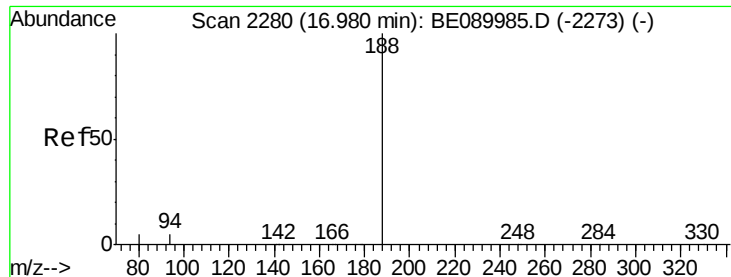
#14
 2-Fluorobiphenyl
 Concen: 5.28 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE090058.D
 Acq: 6 Jul 2015 18:06

Tgt Ion:172 Resp: 77104
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.6
 170 23.9 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Instrument :

BNA_E

ClientSampleId :

X1SS0600624-150625

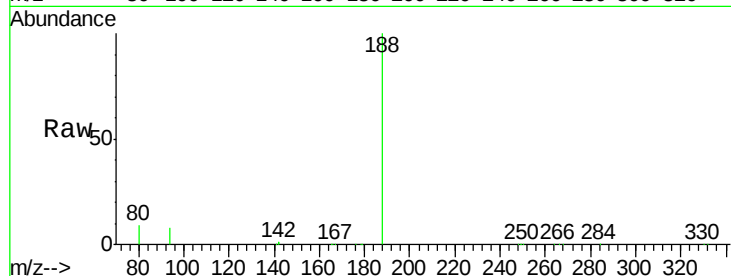
Tgt Ion:188 Resp: 112265

Ion Ratio Lower Upper

188 100

94 8.3 4.1 6.1#

80 8.8 4.2 6.2#



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

100000

80000

60000

40000

20000

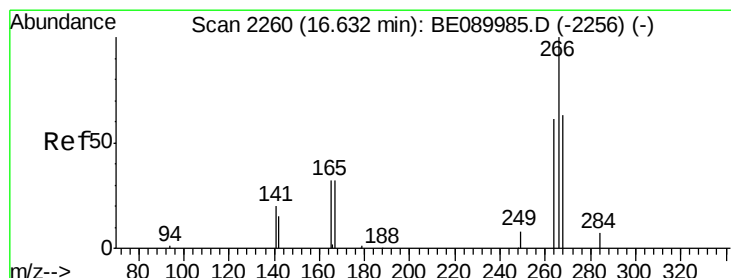
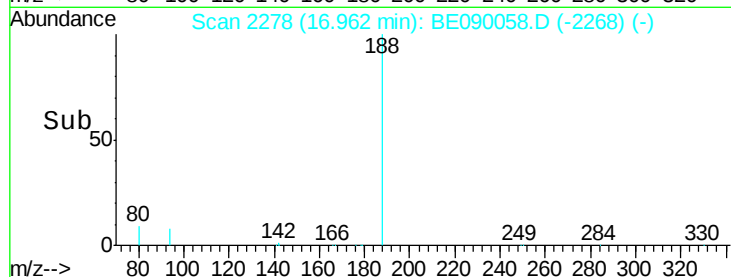
0

16.96

16.90

17.00

Time-->



#21

Pentachlorophenol

Concen: 0.26 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

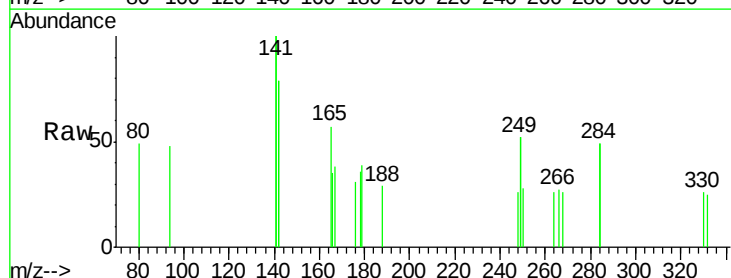
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

268 96.0 51.8 77.8#

264 96.0 50.2 75.2#



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

60

40

20

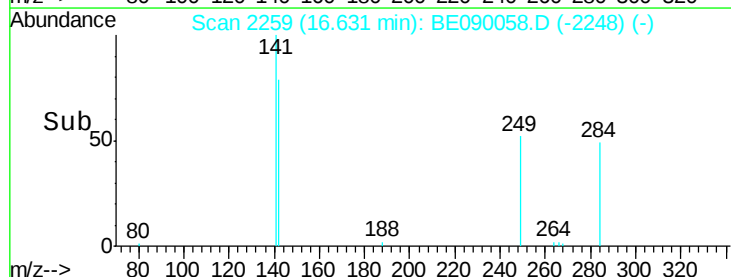
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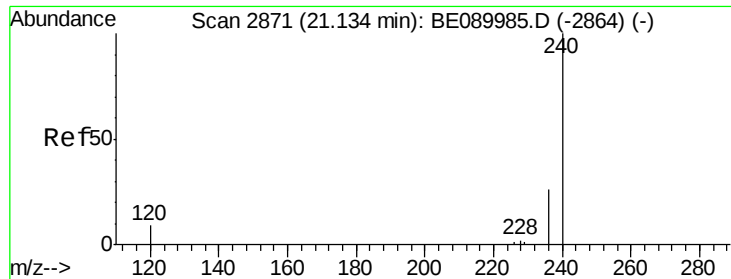
16.63

16.60

16.70

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Instrument :

BNA_E

ClientSampleId :

X1SS0600624-150625

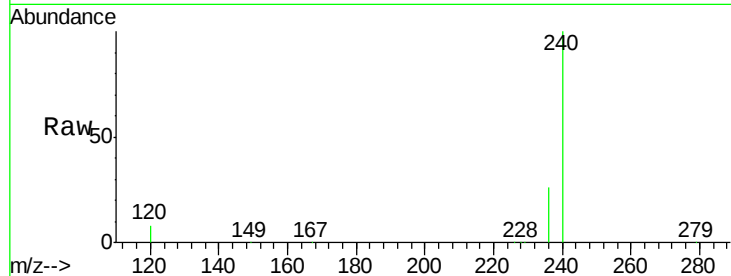
Tgt Ion:240 Resp: 130487

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

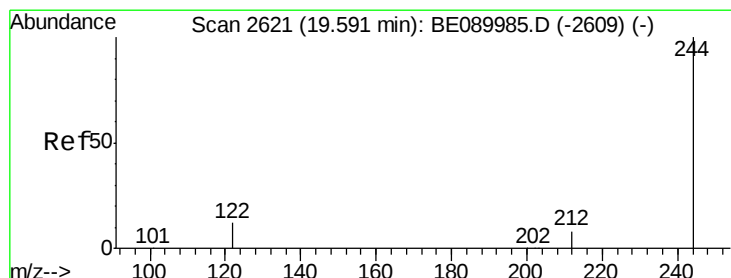
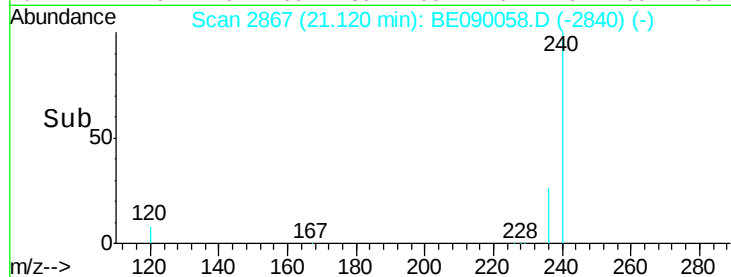
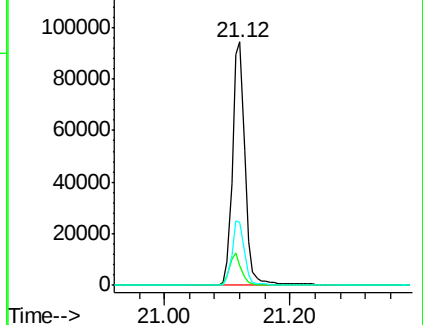
236 25.9 20.8 31.2



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: 5.43 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

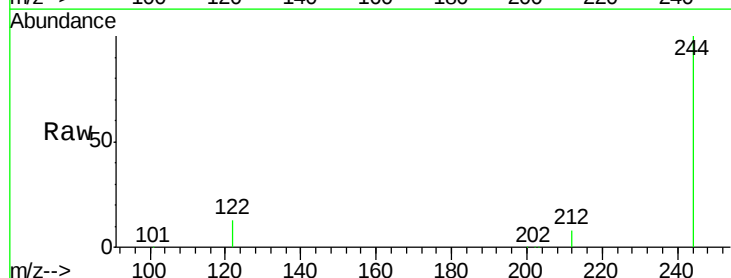
Tgt Ion:244 Resp: 118131

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

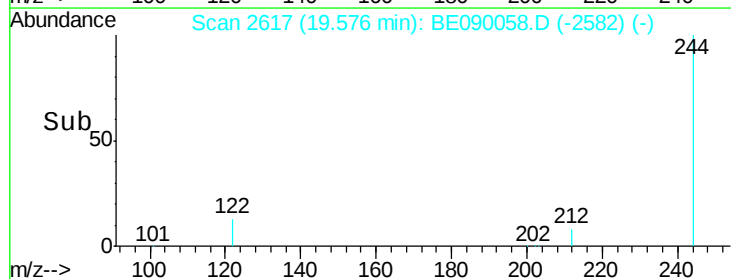
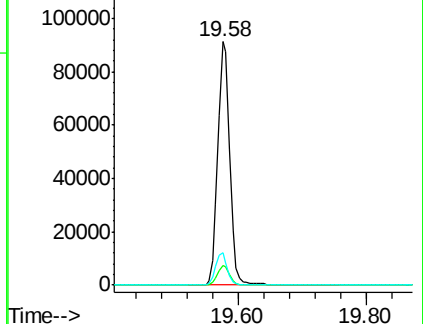
122 13.1 9.8 14.8

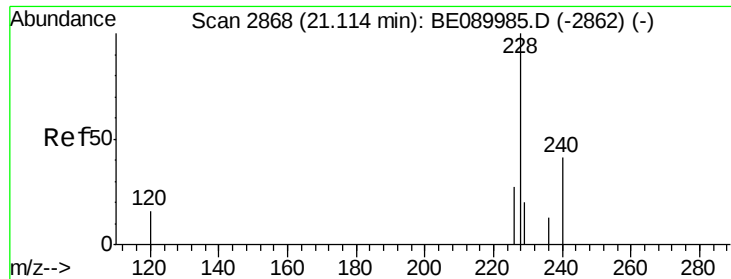


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

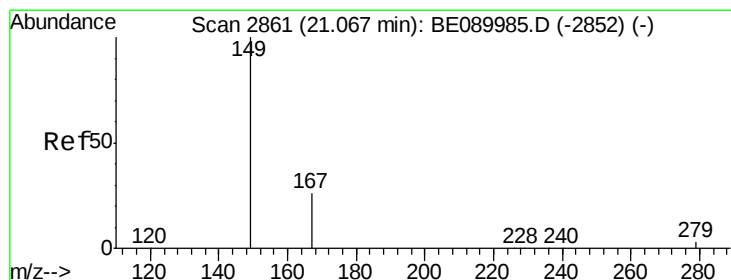
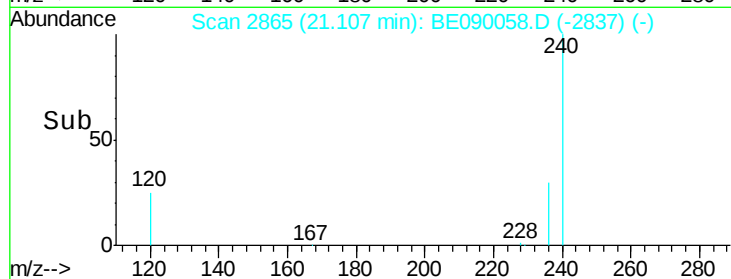
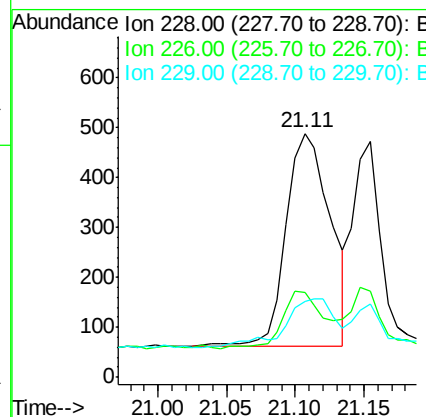
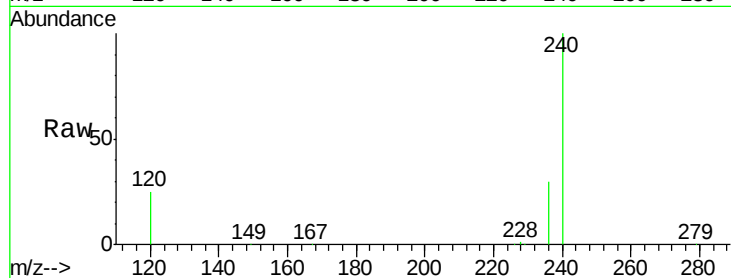




#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090058.D
Acq: 6 Jul 2015 18:06

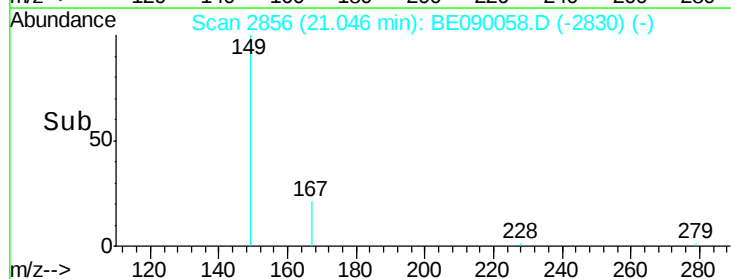
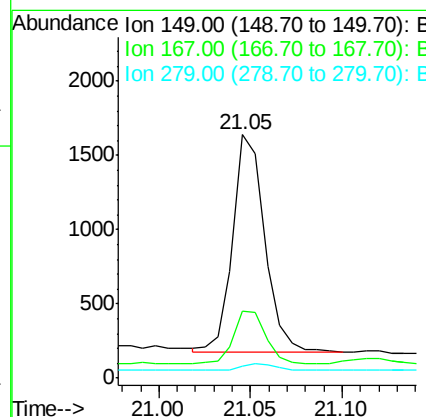
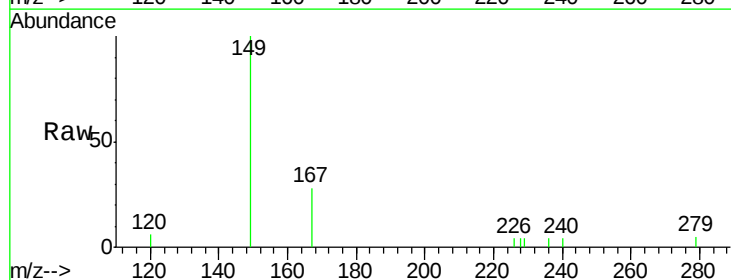
Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625

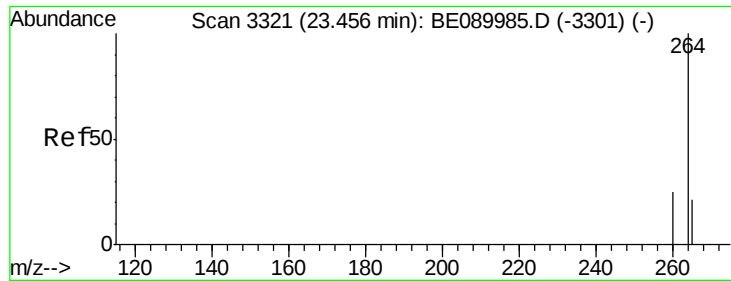
Tgt Ion:228 Resp: 963
Ion Ratio Lower Upper
228 100
226 34.8 21.8 32.6#
229 31.4 15.8 23.6#



#30
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.05 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BE090058.D
Acq: 6 Jul 2015 18:06

Tgt Ion:149 Resp: 1765
Ion Ratio Lower Upper
149 100
167 24.6 20.3 30.5
279 3.3 2.6 3.8

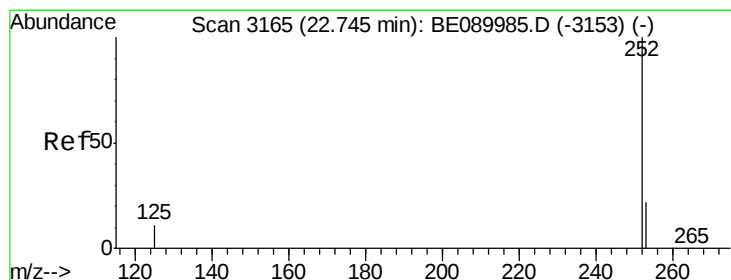
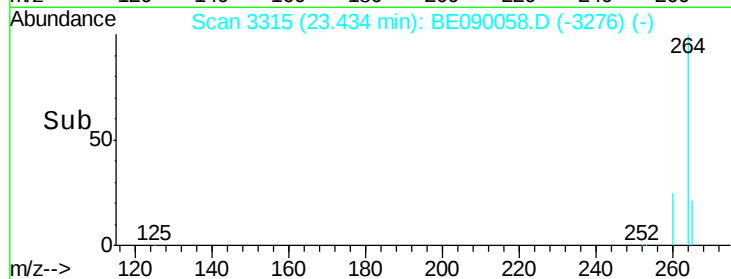
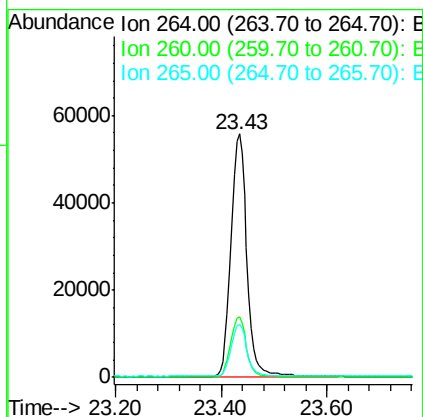
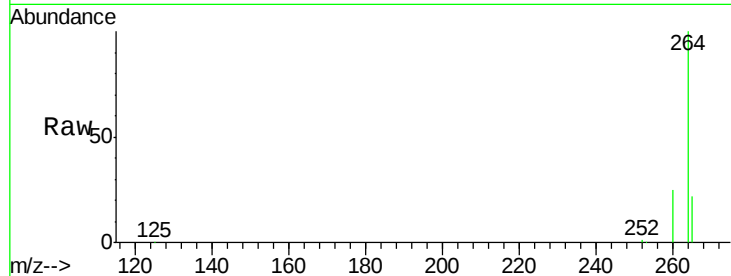




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BE090058.D
 Acq: 6 Jul 2015 18:06

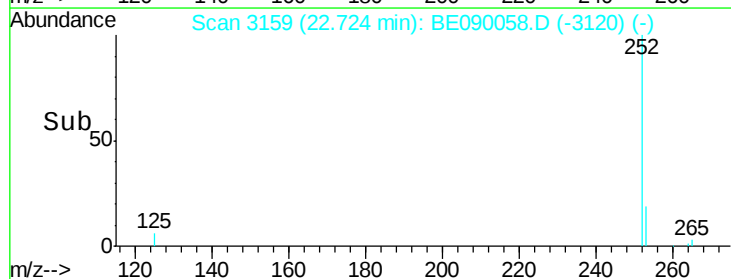
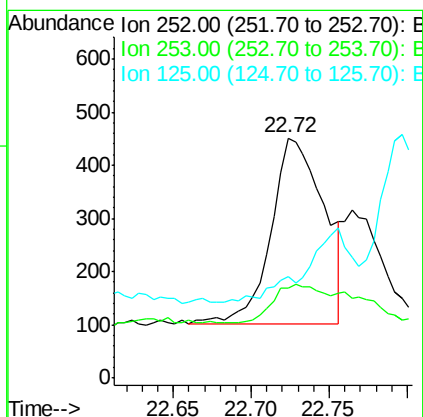
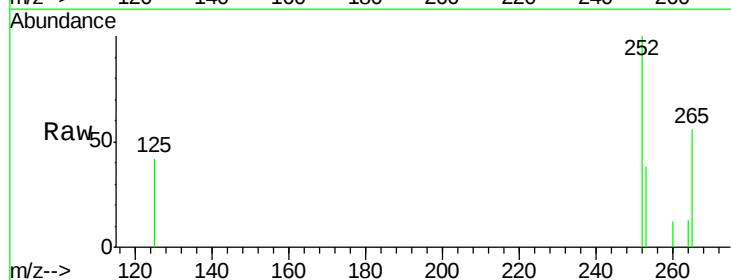
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0600624-150625

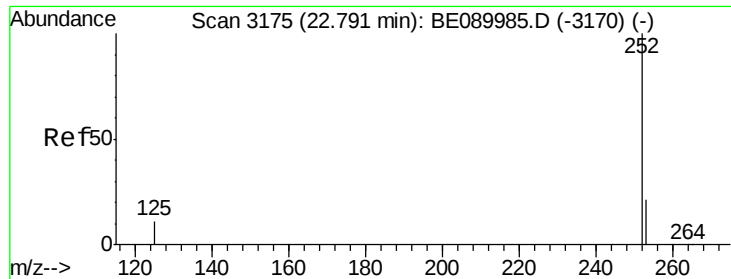
Tgt Ion: 264 Resp: 117024
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 21.8 17.1 25.7



#33
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.72 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BE090058.D
 Acq: 6 Jul 2015 18:06

Tgt Ion: 252 Resp: 822
 Ion Ratio Lower Upper
 252 100
 253 37.7 17.8 26.8#
 125 42.1 9.0 13.4#





#34

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.07 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Instrument :

BNA_E

ClientSampleId :

X1SS0600624-150625

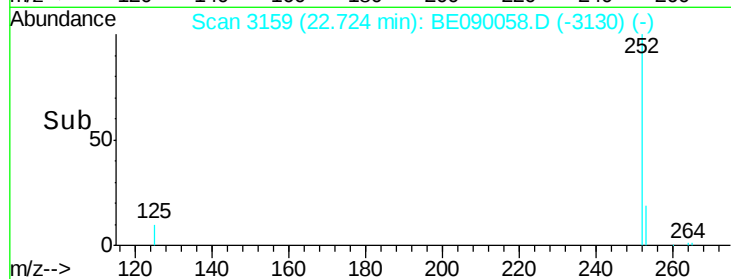
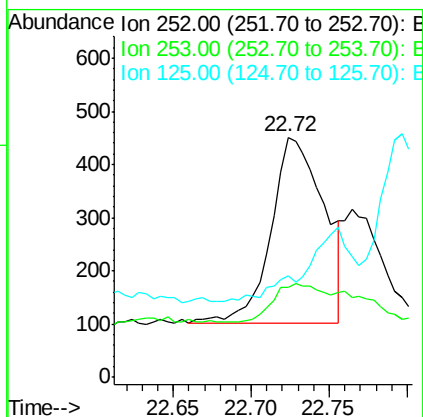
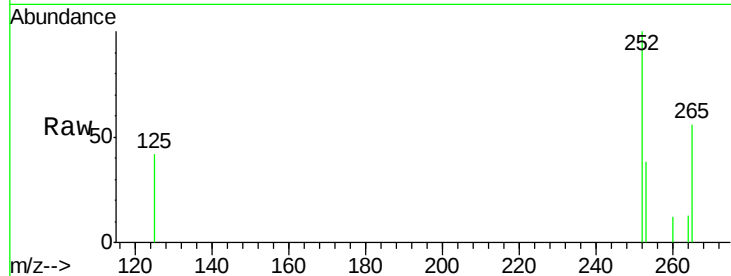
Tgt Ion:252 Resp: 822

Ion Ratio Lower Upper

252 100

253 37.7 17.5 26.3#

125 42.1 9.5 14.3#



#35

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.03 min

Lab File: BE090058.D

Acq: 6 Jul 2015 18:06

Tgt Ion:252 Resp: 592

Ion Ratio Lower Upper

252 100

253 41.5 17.4 26.2#

125 47.2 10.5 15.7#

