

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090215\
 Data File : BE090705.D
 Acq On : 2 Sep 2015 15:34
 Operator : UM/IZ
 Sample : G3484-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-082815

Quant Time: Sep 02 23:04:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 23:04:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39309	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	166337	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	84666	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	225619	5.00	ng	0.00
25) Chrysene-d12	21.07	240	272018	5.00	ng	0.00
32) Perylene-d12	23.36	264	245169	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	23030	3.02	ng	0.00
5) Phenol-d6	6.75	99	15657	1.43	ng	0.00
7) Nitrobenzene-d5	8.71	82	46258	4.21	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	19706	7.93	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	98702	4.21	ng	0.00
27) Terphenyl-d14	19.53	244	193473	6.43	ng	0.00

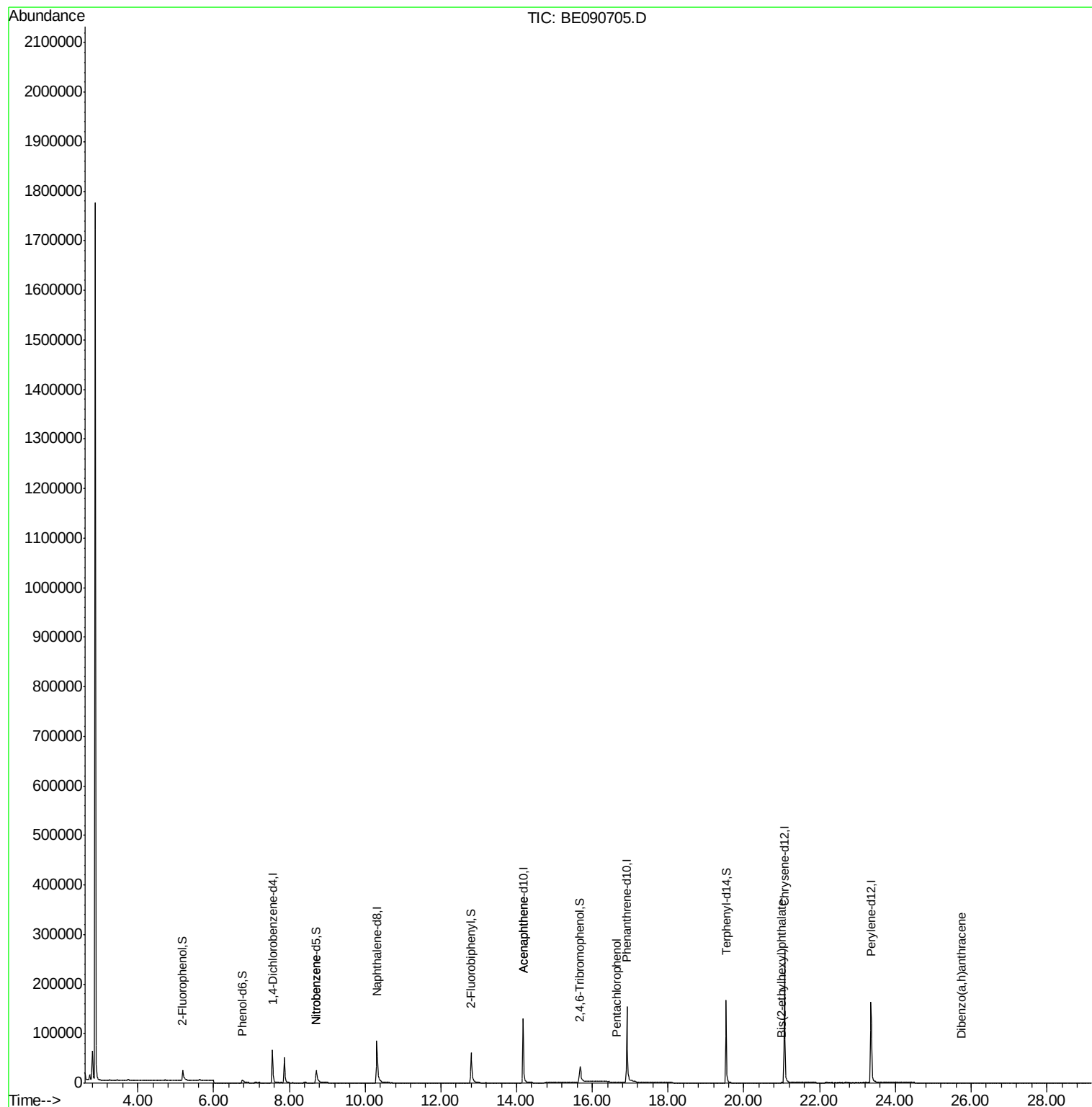
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	42	Below Cal	#	39
3) n-Nitrosodimethylamine	3.45	42	82	Below Cal	#	24
8) Nitrobenzene	8.71	77	137	0.12	ng	63
16) Acenaphthene	14.17	154	532	0.02	ng	1
20) Hexachlorobenzene	16.25	284	88	Below Cal	#	37
21) Pentachlorophenol	16.65	266	14	0.46	ng	54
29) Chrysene	21.07	228	964	Below Cal	#	73
30) Bis(2-ethylhexyl)phthalate	21.01	149	1354	0.15	ng	98
36) Dibenzo(a,h)anthracene	25.74	278	3	0.14	ng	1

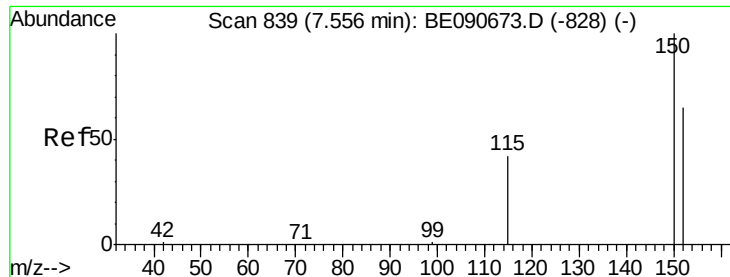
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815

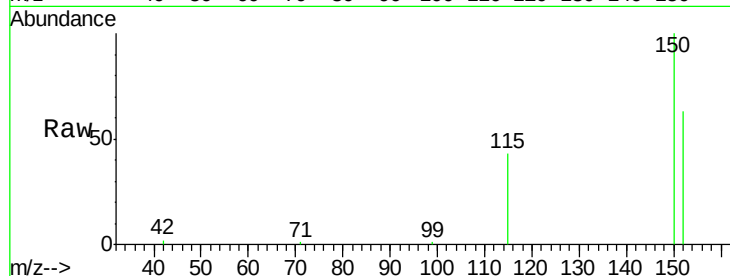
Tgt Ion: 152 Resp: 39309

Ion Ratio Lower Upper

152 100

150 159.7 122.2 183.4

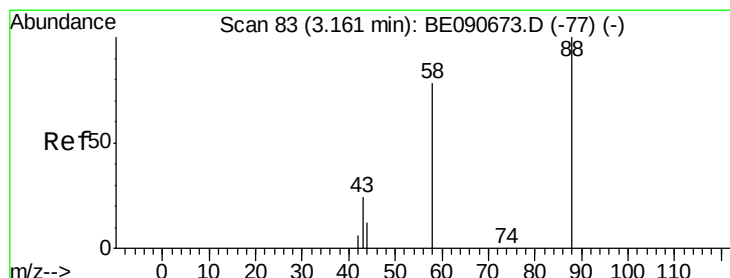
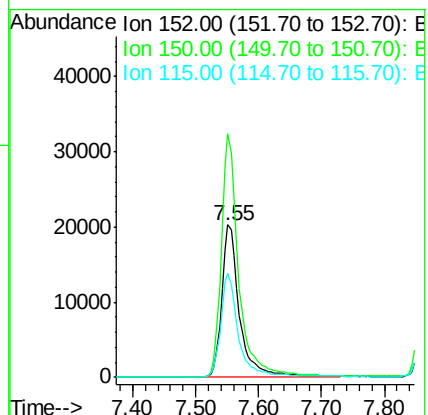
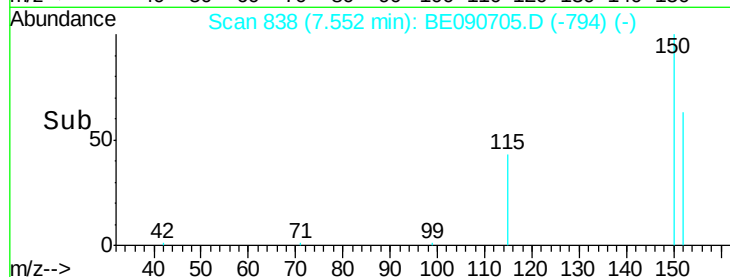
115 68.6 51.0 76.4



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.21 min Scan# 90

Delta R.T. 0.05 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

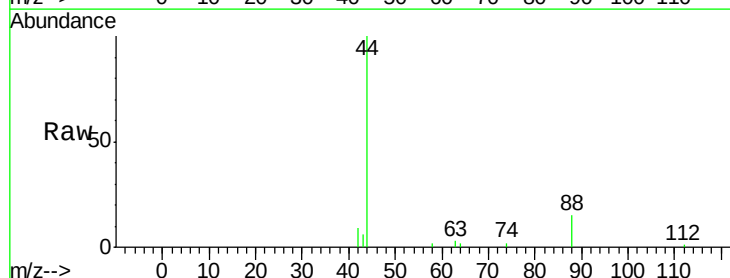
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

58 28.6 68.4 102.6#

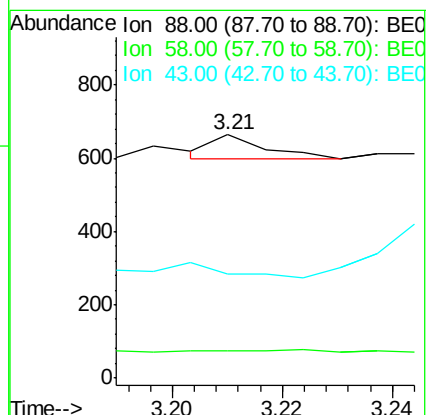
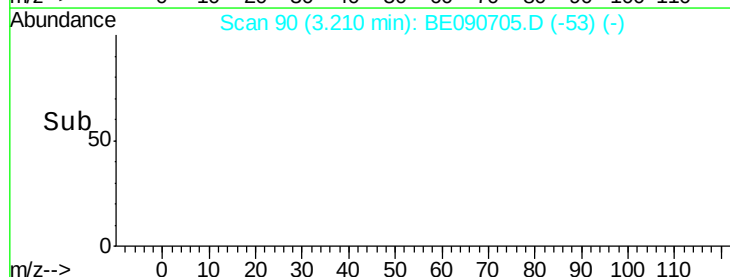
43 0.0 26.9 40.3#

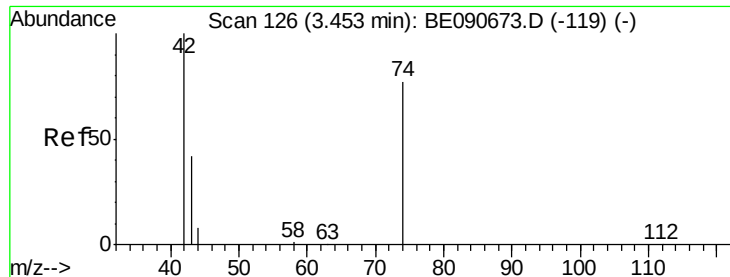


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



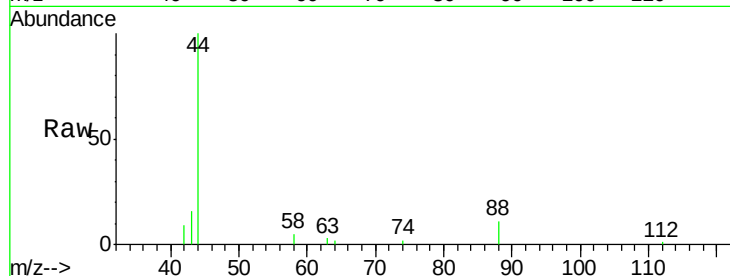


#3

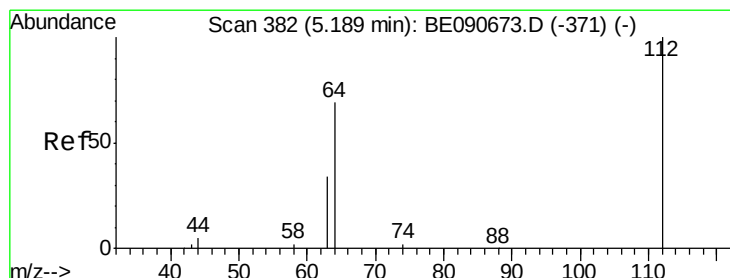
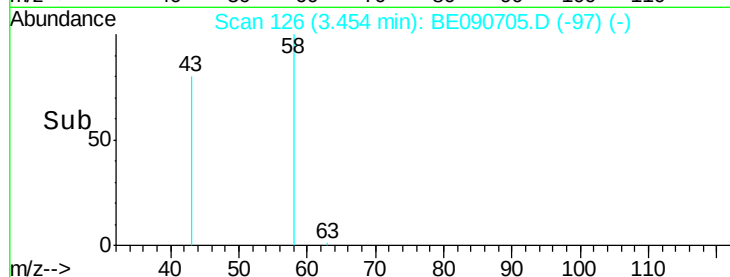
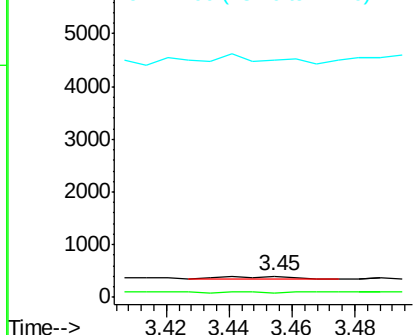
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

Instrument :
 BNA_E
 ClientSampleId :
 FB-082815

Tgt Ion: 42 Resp: 82
 Ion Ratio Lower Upper
 42 100
 74 20.7 83.7 125.5#
 44 0.0 10.0 15.0#



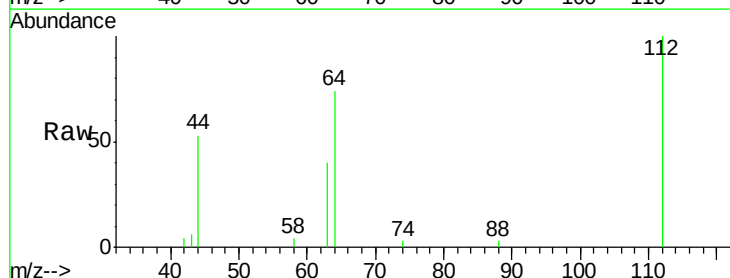
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



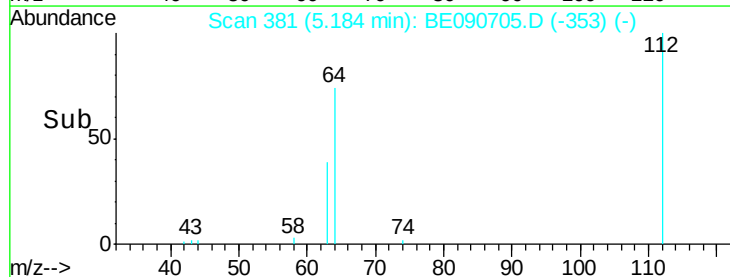
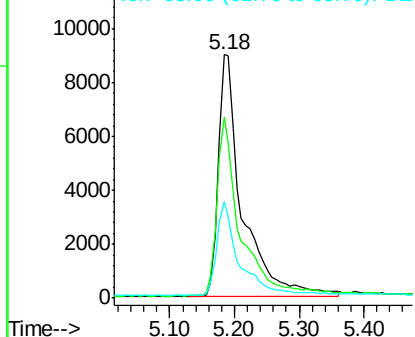
#4

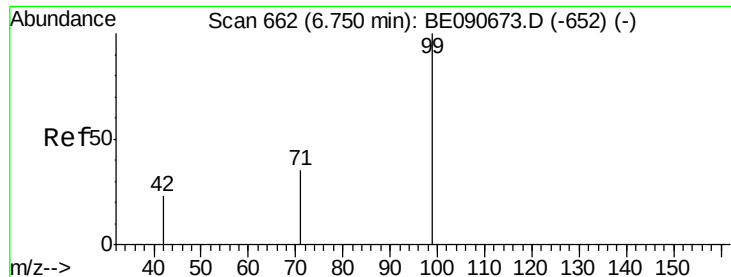
2-Fluorophenol
 Concen: 3.02 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

Tgt Ion: 112 Resp: 23030
 Ion Ratio Lower Upper
 112 100
 64 71.7 57.3 85.9
 63 37.1 29.2 43.8



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: 1.43 ng

RT: 6.75 min Scan# 663

Delta R.T. -0.01 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815

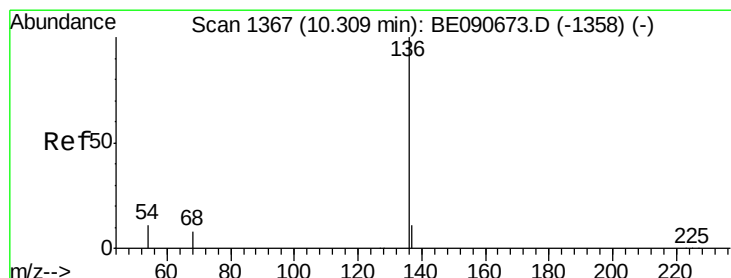
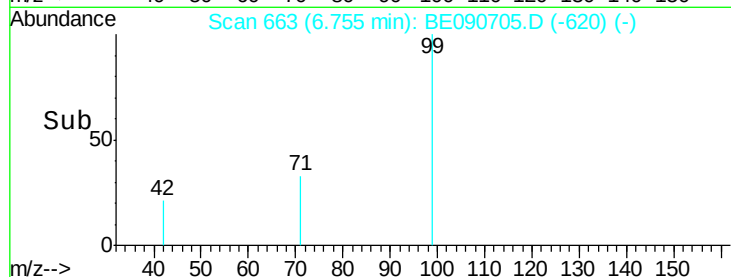
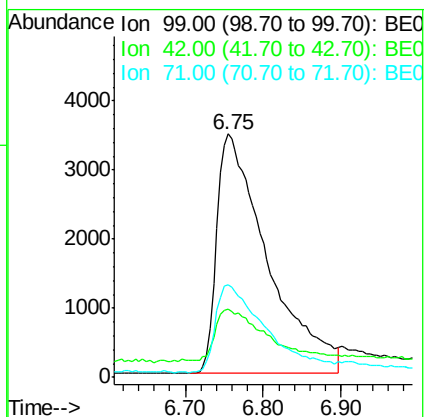
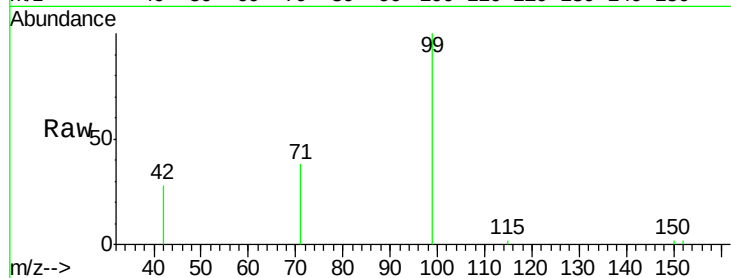
Tgt Ion: 99 Resp: 15657

Ion Ratio Lower Upper

99 100

42 21.6 16.8 25.2

71 37.0 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Tgt Ion: 136 Resp: 166337

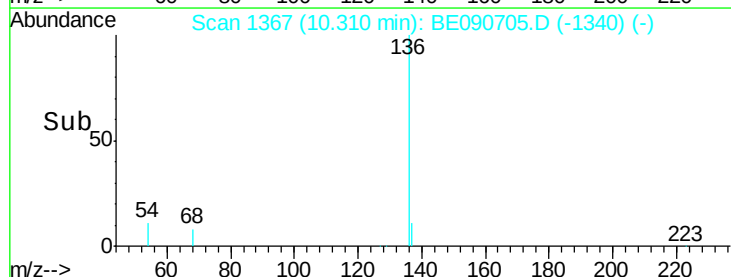
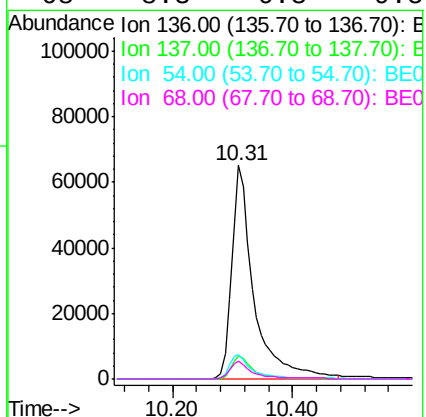
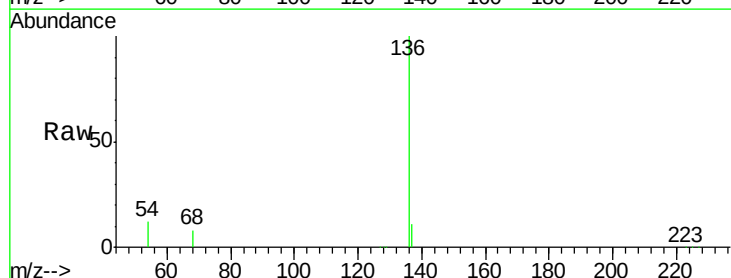
Ion Ratio Lower Upper

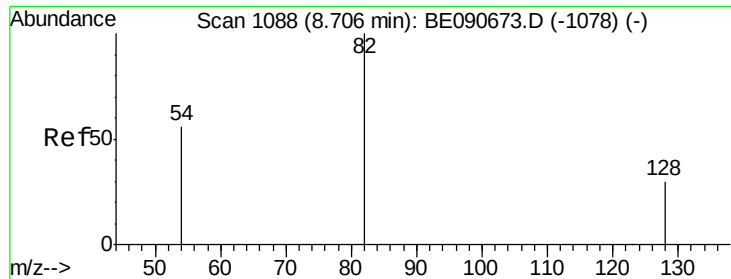
136 100

137 10.9 8.7 13.1

54 11.6 9.0 13.6

68 8.3 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.21 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815

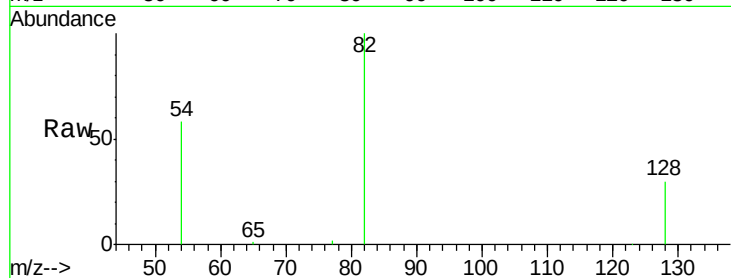
Tgt Ion: 82 Resp: 46258

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

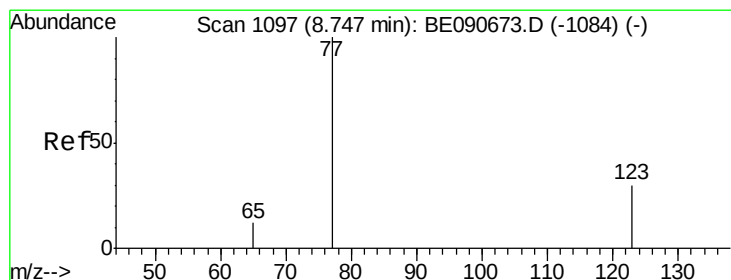
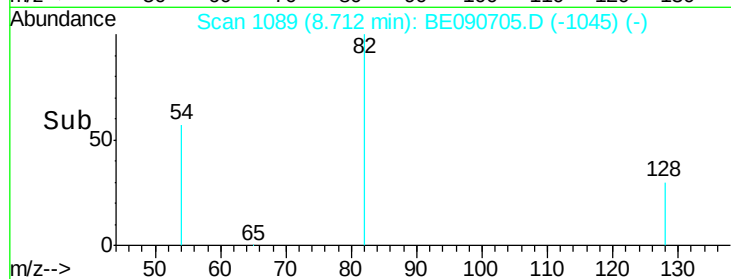
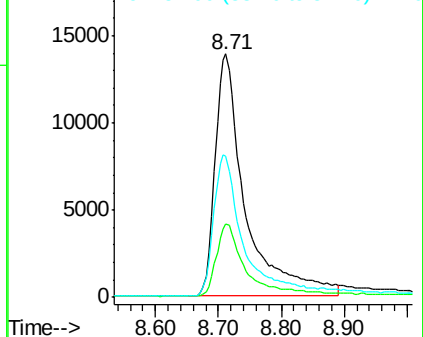
54 57.8 46.3 69.5



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



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

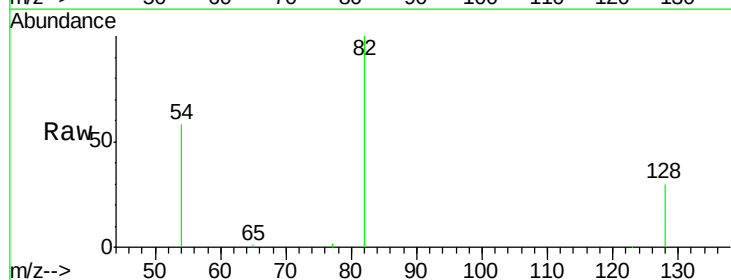
Tgt Ion: 77 Resp: 137

Ion Ratio Lower Upper

77 100

123 4.4 25.1 37.7#

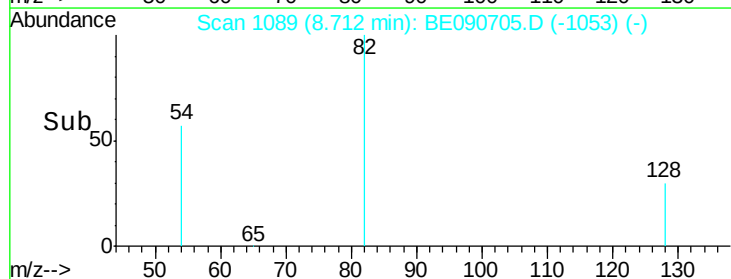
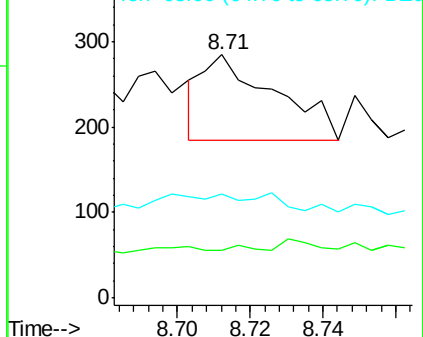
65 9.5 9.9 14.9#

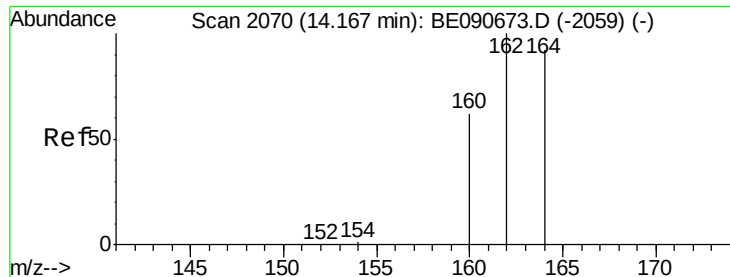


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815

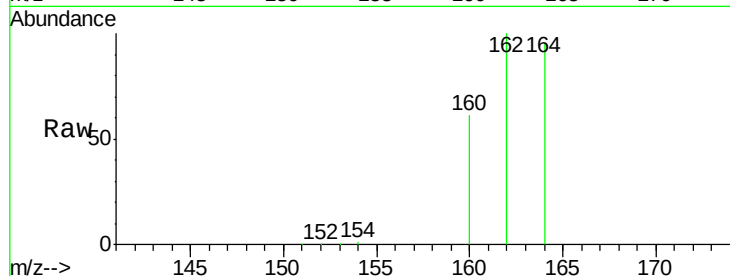
Tgt Ion:164 Resp: 84666

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

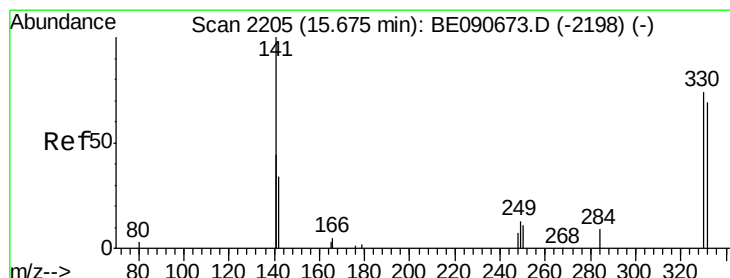
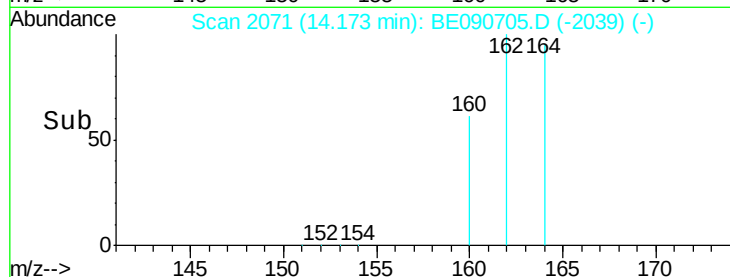
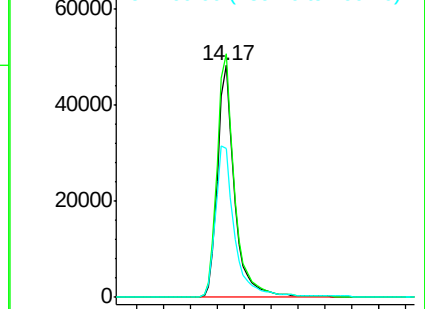
160 64.0 53.9 80.9



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: 7.93 ng

RT: 15.68 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

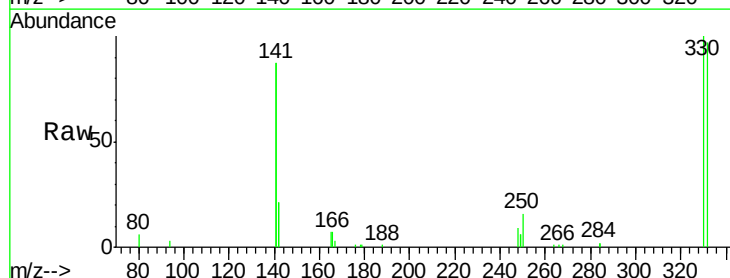
Tgt Ion:330 Resp: 19706

Ion Ratio Lower Upper

330 100

332 98.5 74.9 112.3

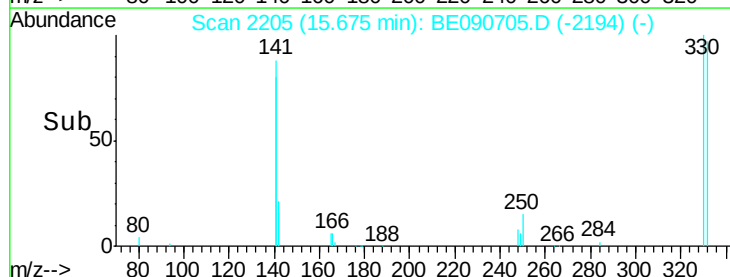
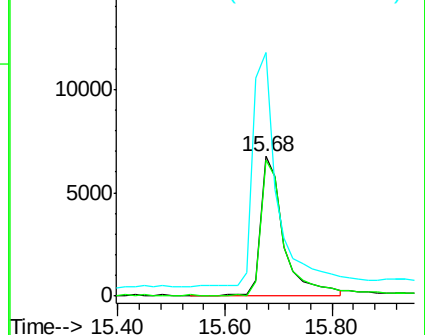
141 181.8 145.2 217.8

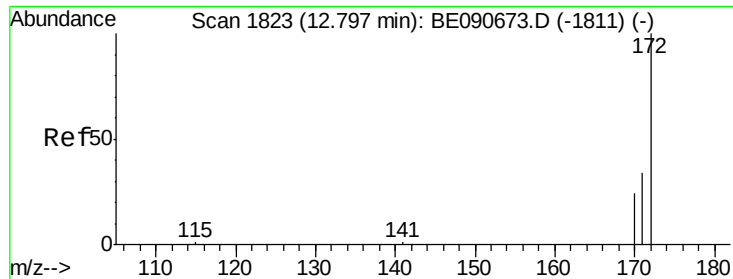


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

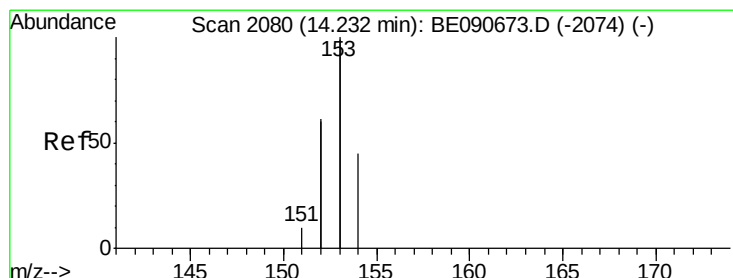
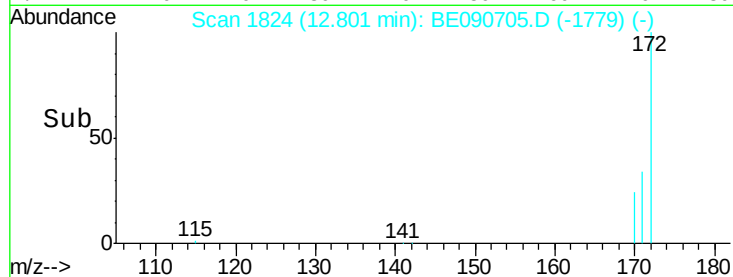
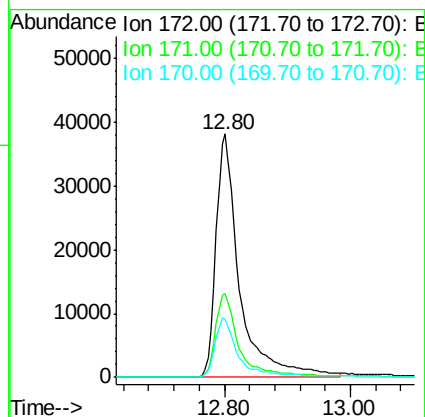
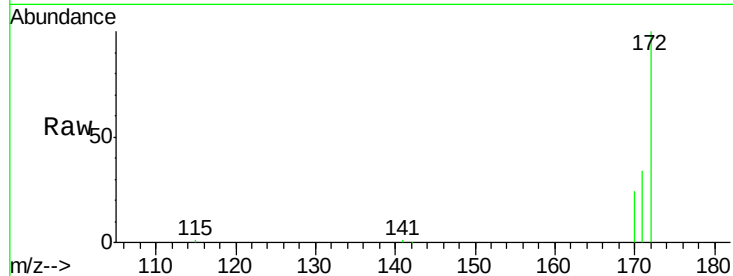




#14
2-Fluorobiphenyl
Concen: 4.21 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090705.D
Acq: 2 Sep 2015 15:34

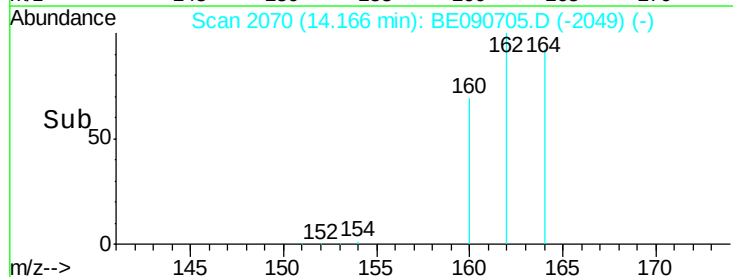
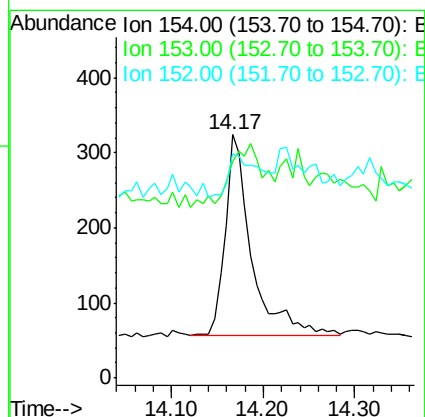
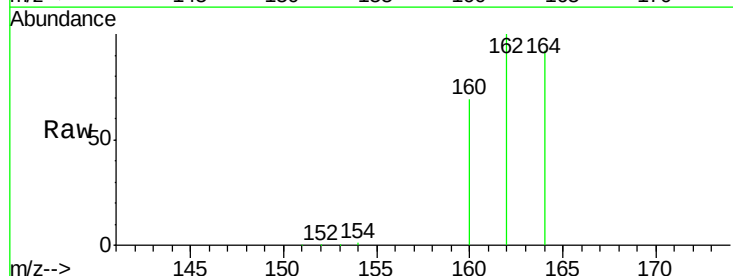
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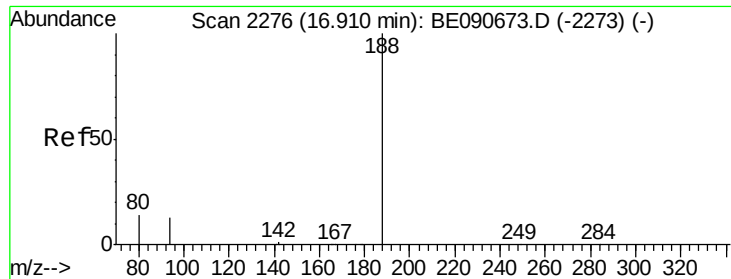
Tgt Ion:172 Resp: 98702
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.9 19.8 29.6



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.07 min
Lab File: BE090705.D
Acq: 2 Sep 2015 15:34

Tgt Ion:154 Resp: 532
Ion Ratio Lower Upper
154 100
153 40.2 354.5 531.7#
152 22.0 227.8 341.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815

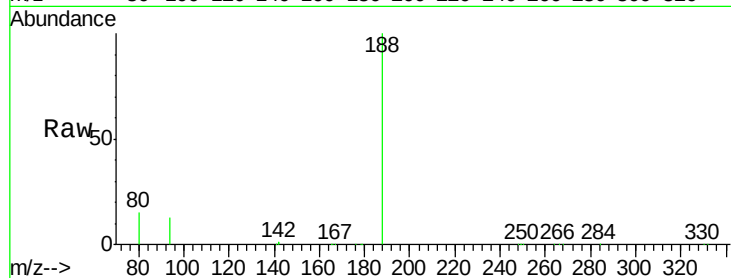
Tgt Ion:188 Resp: 225619

Ion Ratio Lower Upper

188 100

94 13.4 10.3 15.5

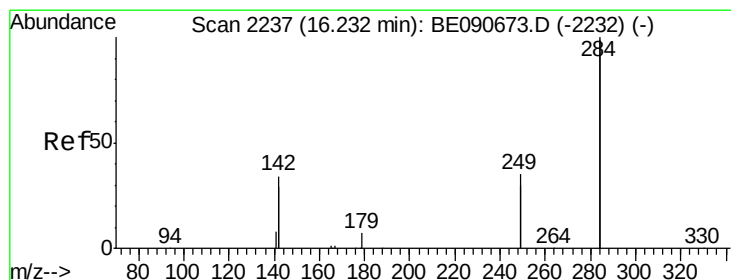
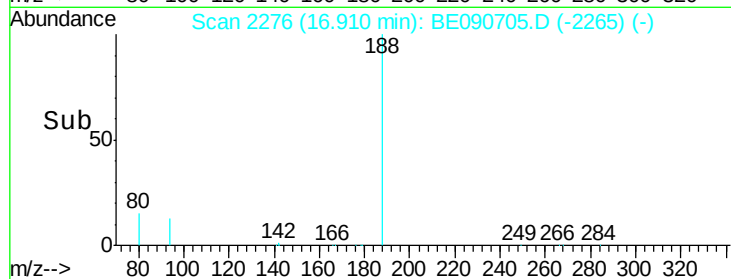
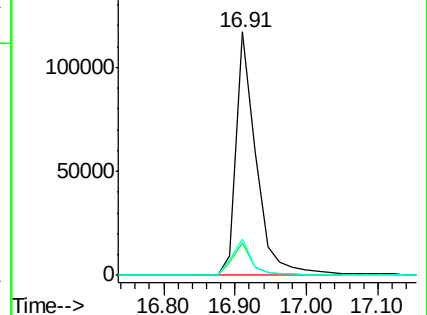
80 14.9 11.0 16.6



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



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BE090705.D

Acq: 2 Sep 2015 15:34

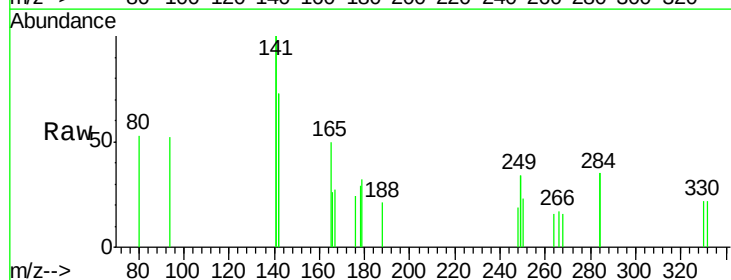
Tgt Ion:284 Resp: 88

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

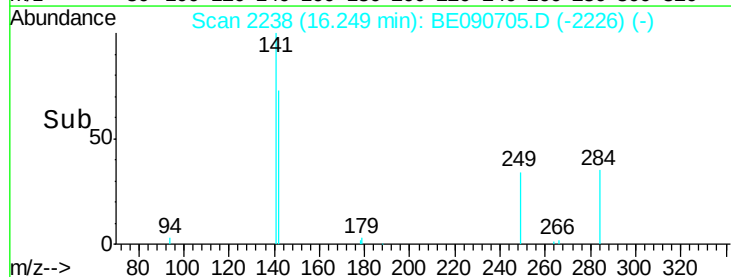
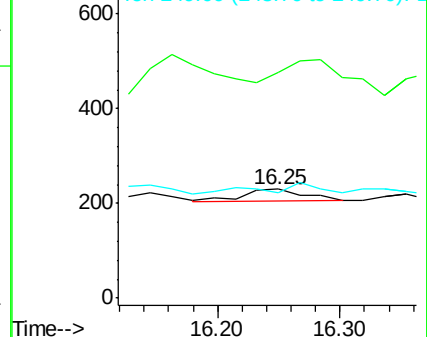
249 0.0 25.5 38.3#

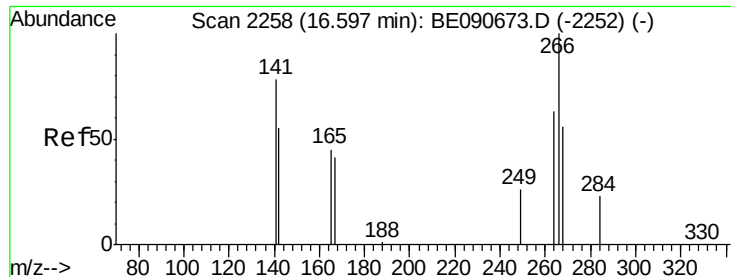


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

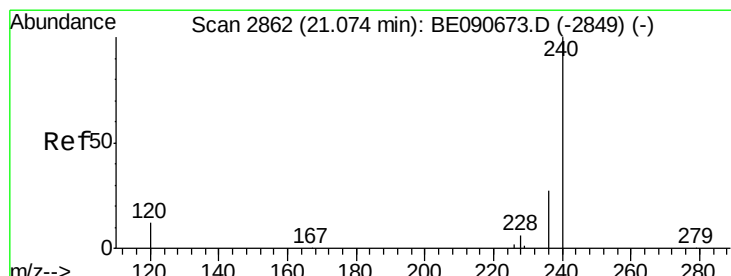
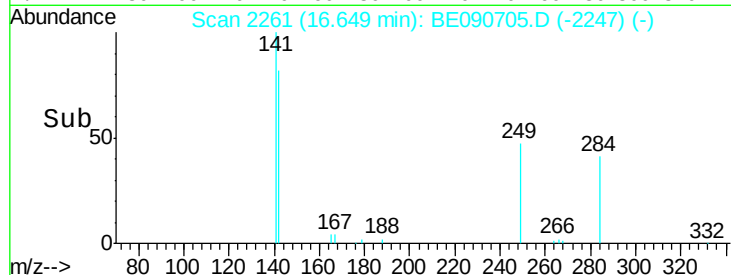
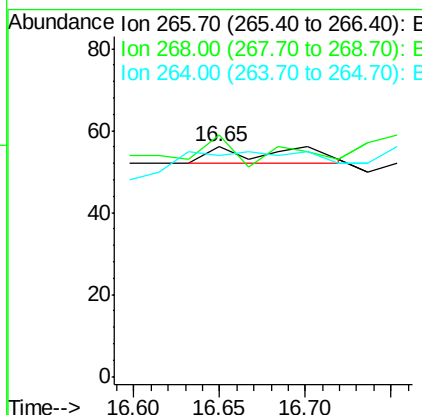
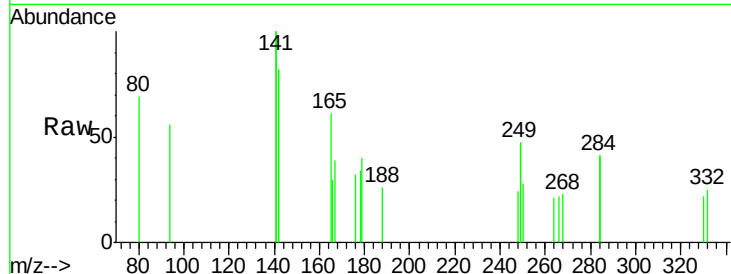




#21
 Pentachlorophenol
 Concen: 0.46 ng
 RT: 16.65 min Scan# 2261
 Delta R.T. 0.05 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

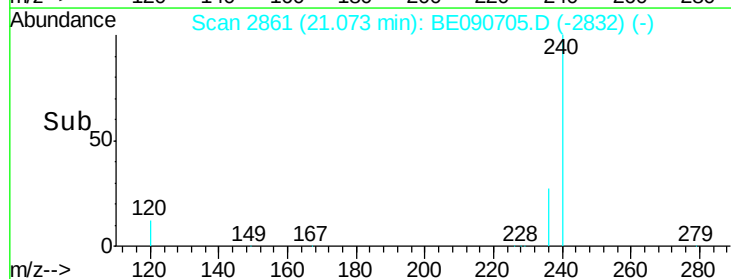
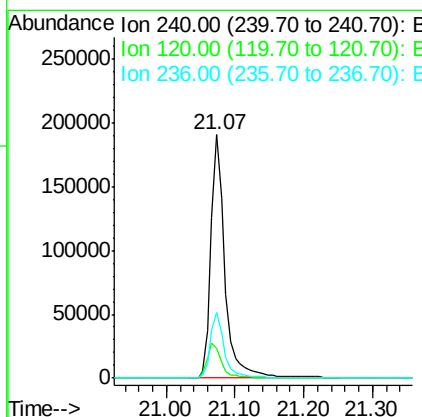
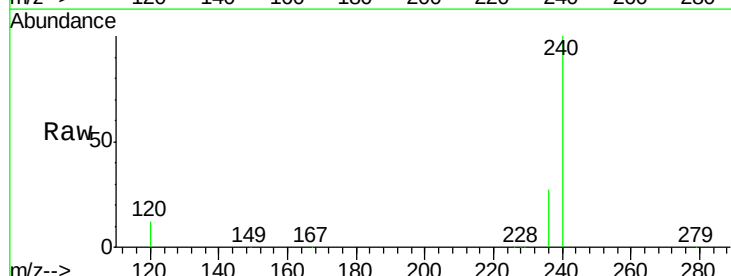
Instrument :
 BNA_E
 ClientSampleId :
 FB-082815

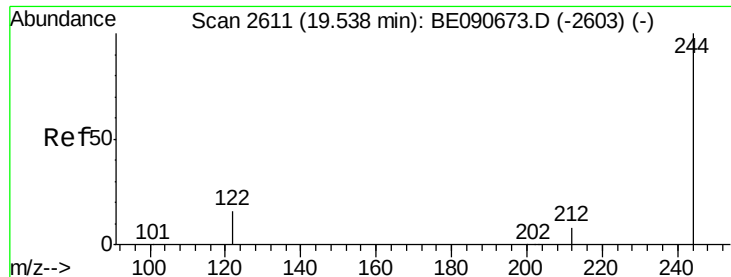
Tgt Ion: 266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 268 105.4 49.6 74.4#
 264 96.4 53.9 80.9#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

Tgt Ion: 240 Resp: 272018
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.1 15.1
 236 27.0 21.9 32.9

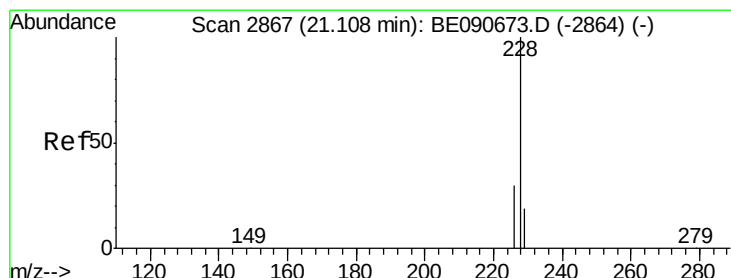
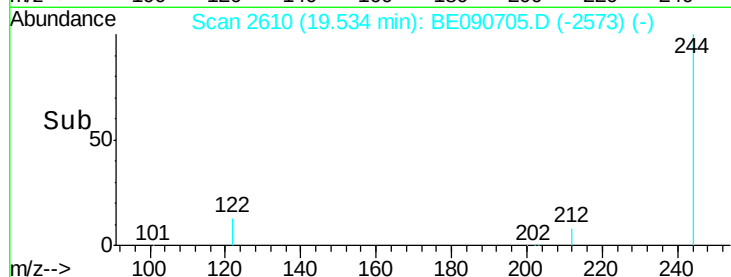
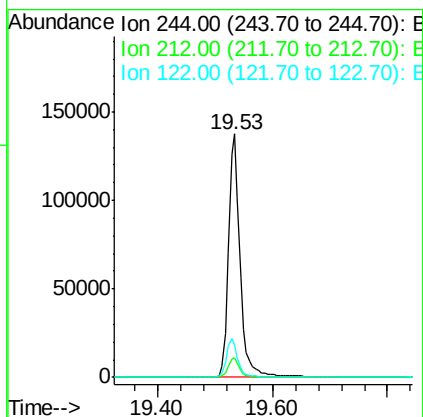
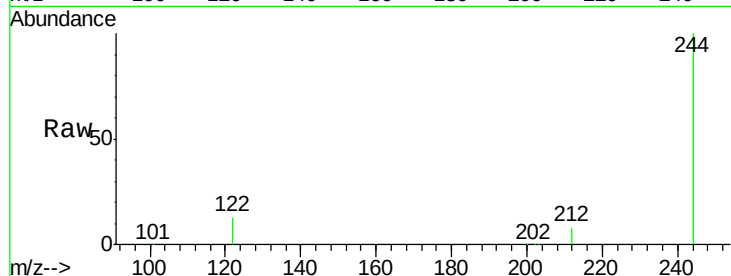




#27
 Terphenyl-d14
 Concen: 6.43 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

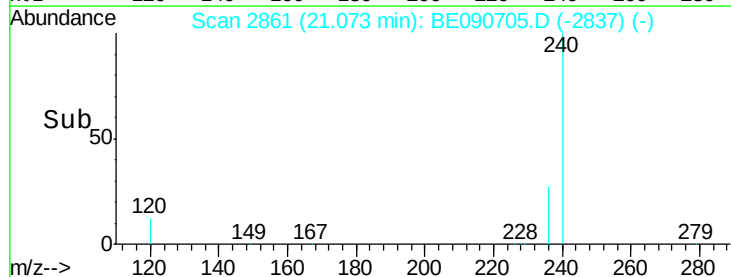
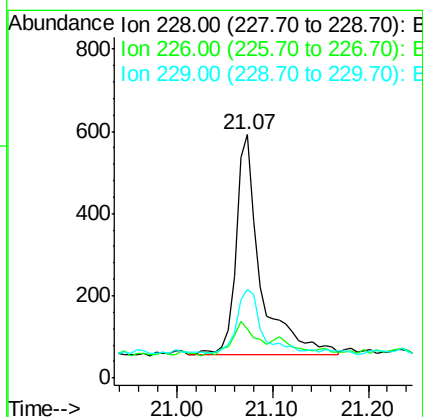
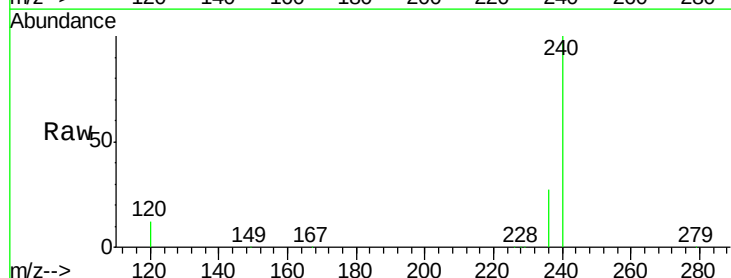
Instrument :
 BNA_E
 ClientSampleId :
 FB-082815

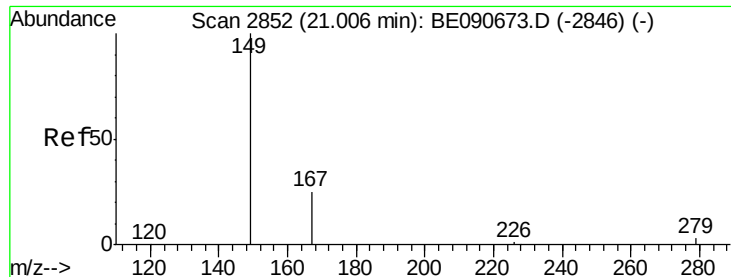
Tgt Ion: 244 Resp: 193473
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 13.3 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.03 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

Tgt Ion: 228 Resp: 964
 Ion Ratio Lower Upper
 228 100
 226 19.9 24.2 36.4#
 229 36.7 15.3 22.9#

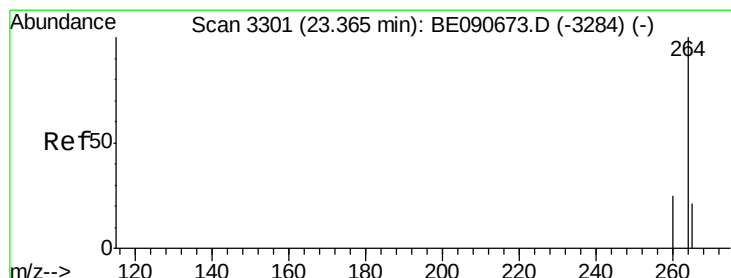
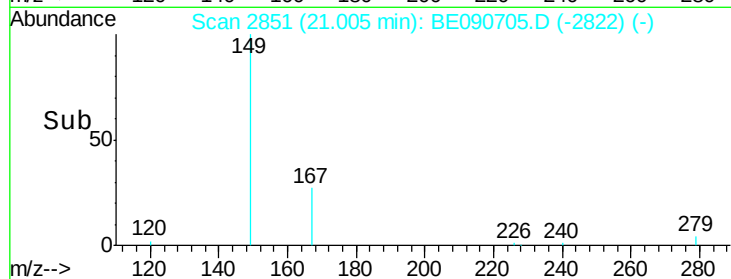
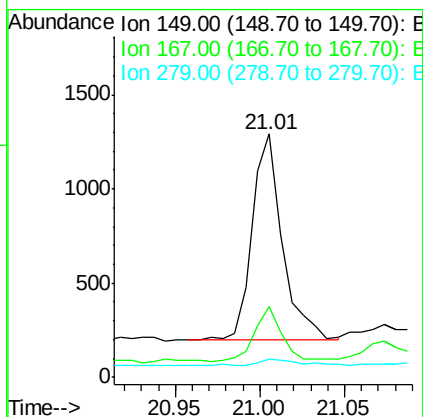
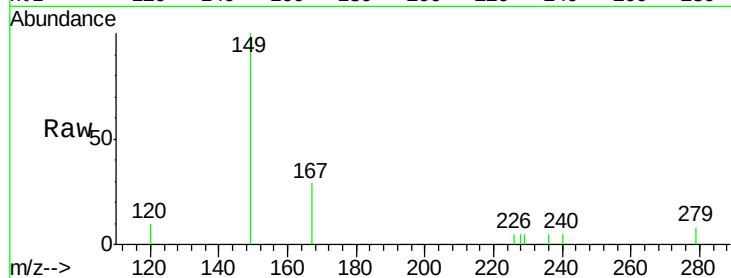




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.01 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

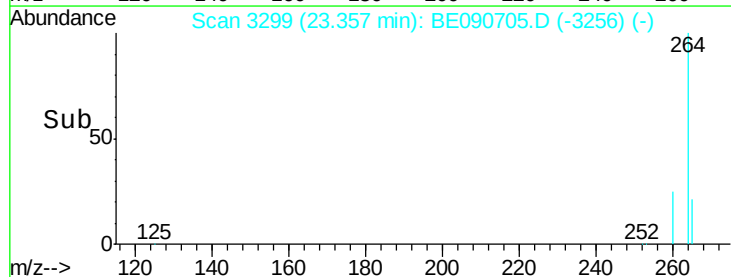
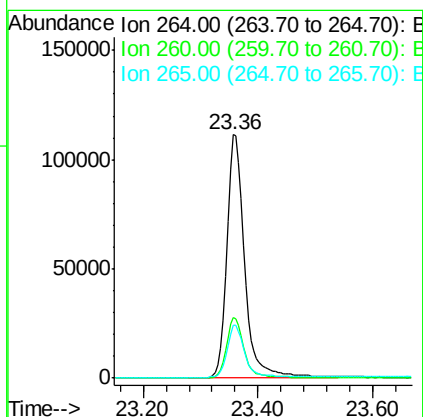
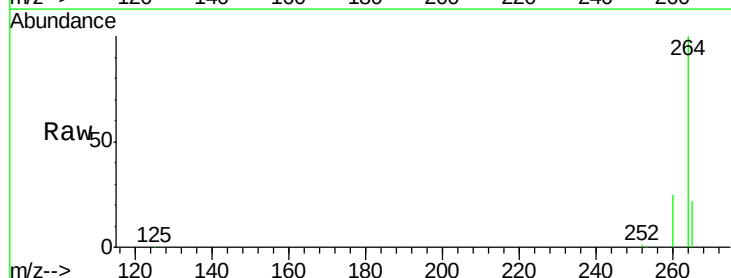
Instrument :
 BNA_E
 ClientSampleId :
 FB-082815

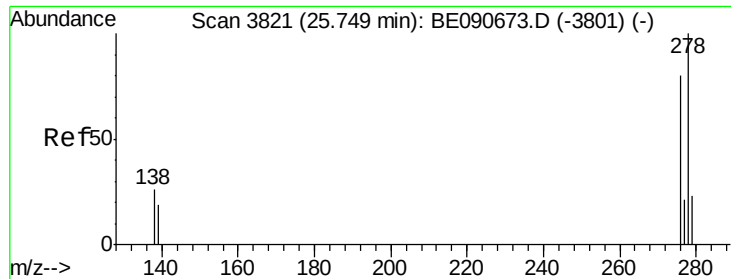
Tgt Ion:149 Resp: 1354
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.1 30.1
 279 5.3 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090705.D
 Acq: 2 Sep 2015 15:34

Tgt Ion:264 Resp: 245169
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.5 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BE090705.D

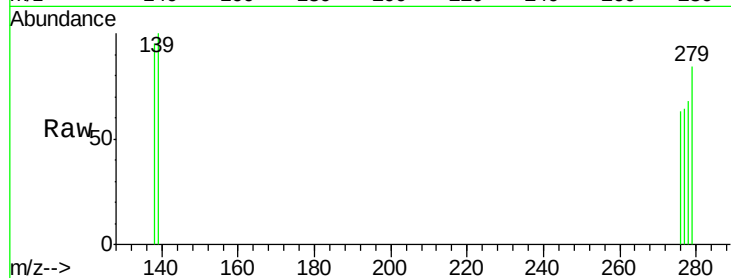
Acq: 2 Sep 2015 15:34

Instrument :

BNA_E

ClientSampleId :

FB-082815



Tgt Ion:	278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	147.7	15.4	23.0#
279	124.6	18.8	28.2#

