

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090774.D
 Acq On : 10 Sep 2015 22:59
 Operator : UM/IZ
 Sample : G3598-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-S

Quant Time: Sep 11 03:37:12 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 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38312	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	172655	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	89735	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	225973	5.00	ng	0.00
25) Chrysene-d12	21.07	240	270812	5.00	ng	0.00
32) Perylene-d12	23.36	264	245621	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	30342	4.07	ng	0.00
5) Phenol-d6	6.75	99	27158	2.55	ng	0.00
7) Nitrobenzene-d5	8.71	82	47956	4.20	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	23937	9.07	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	108467	4.36	ng	0.00
27) Terphenyl-d14	19.53	244	191616	6.40	ng	-0.01

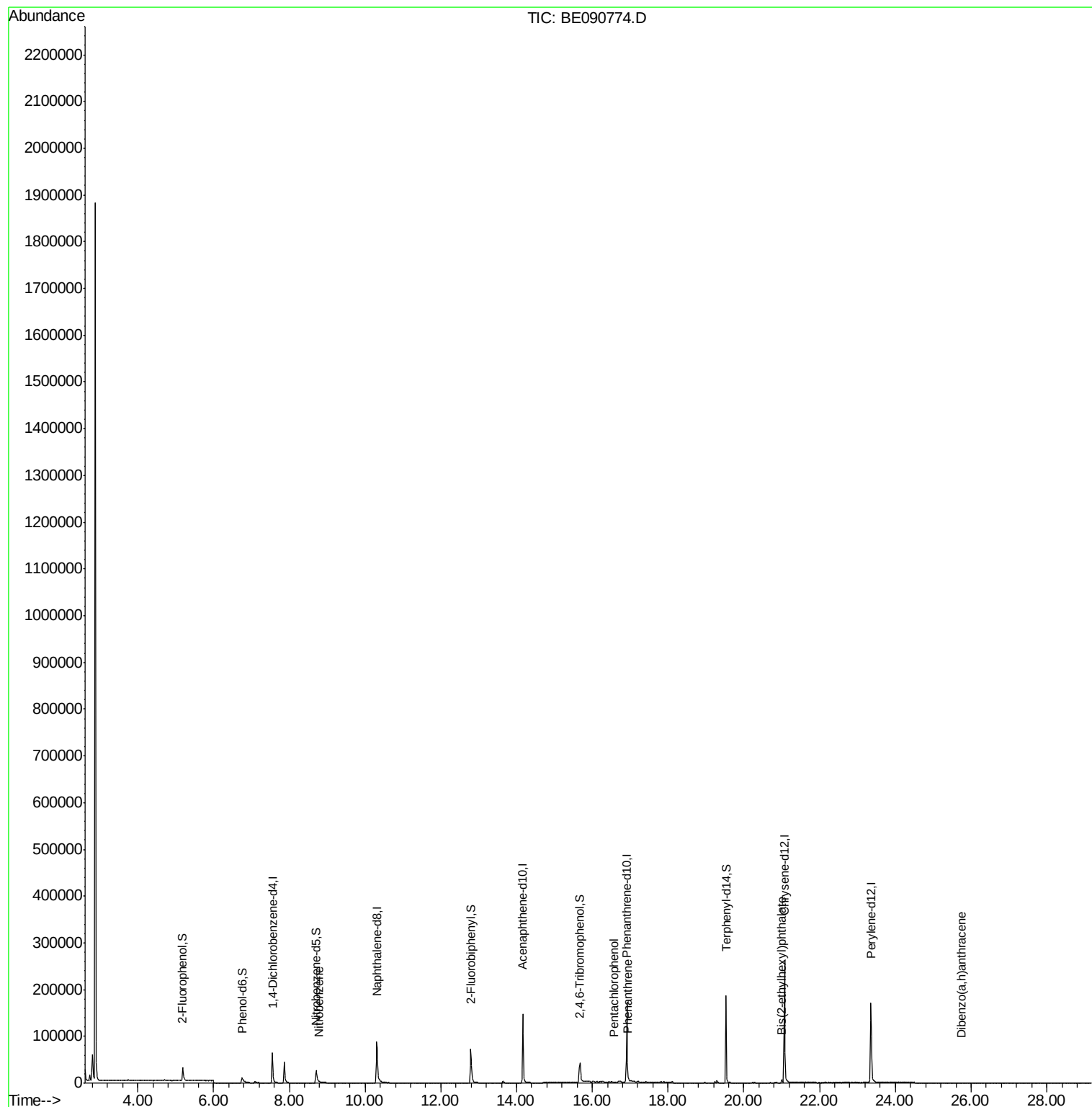
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	124	Below Cal	#	11
3) n-Nitrosodimethylamine	3.44	42	89	Below Cal	#	1
8) Nitrobenzene	8.79	77	19	0.11 ng	#	50
20) Hexachlorobenzene	16.23	284	92	Below Cal	#	1
21) Pentachlorophenol	16.58	266	28	0.47 ng	#	66
22) Phenanthrene	16.94	178	1121	0.02 ng	#	80
29) Chrysene	21.11	228	1045	Below Cal	#	89
30) Bis(2-ethylhexyl)phthalate	21.00	149	6155	0.45 ng	#	96
36) Dibenzo(a,h)anthracene	25.74	278	136	0.14 ng	#	1

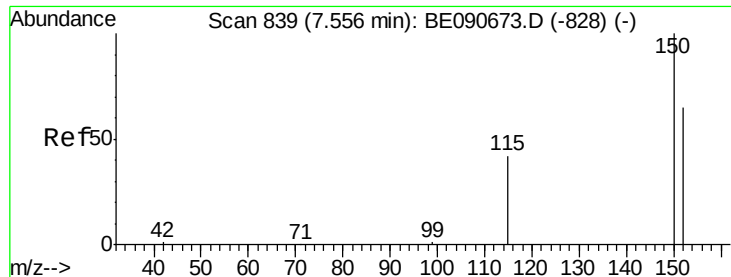
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

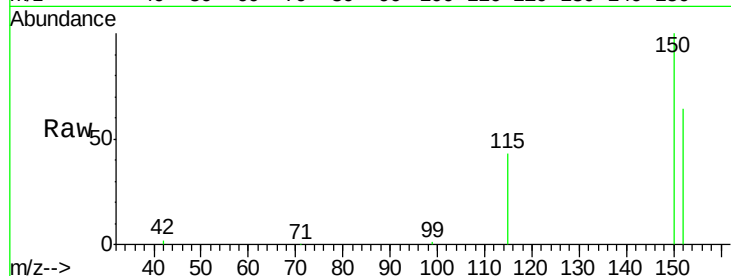
Tot Ion:152 Resp: 38312

Ion Ratio Lower Upper

152 100

150 155.3 122.2 183.4

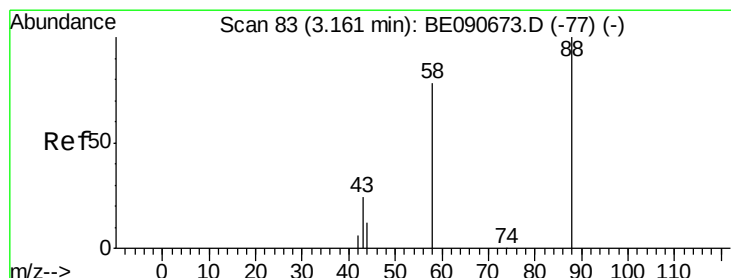
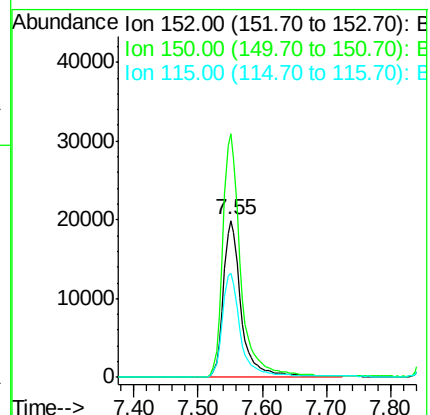
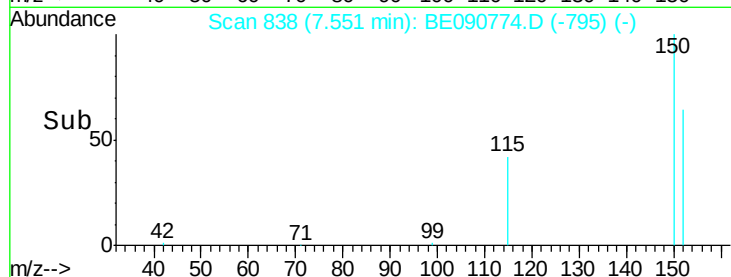
115 66.2 51.0 76.4



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: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

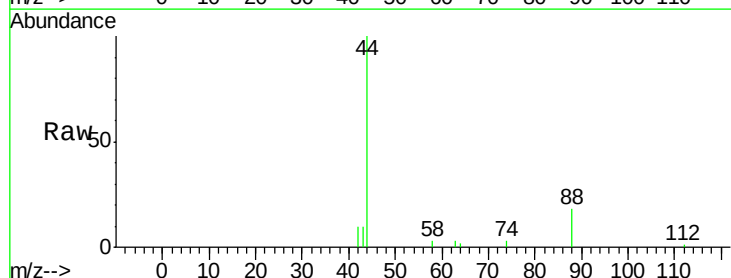
Tgt Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

58 47.6 68.4 102.6#

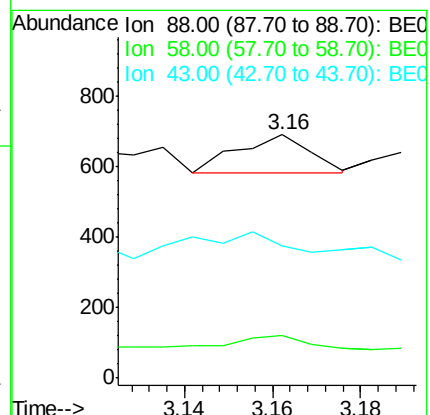
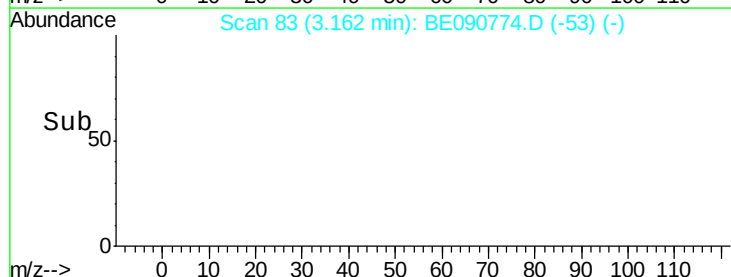
43 153.2 26.9 40.3#

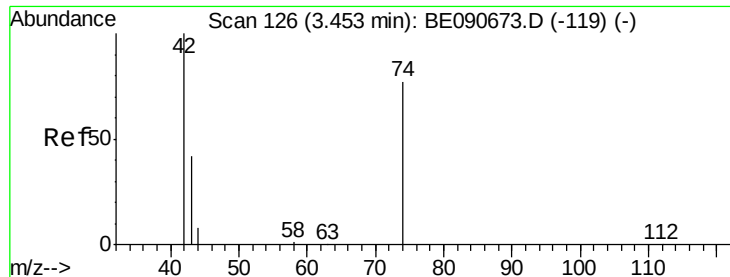


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



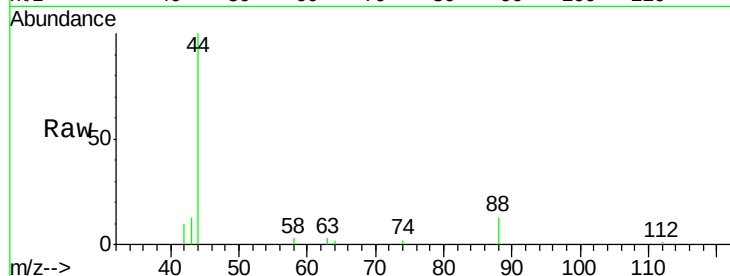


#3

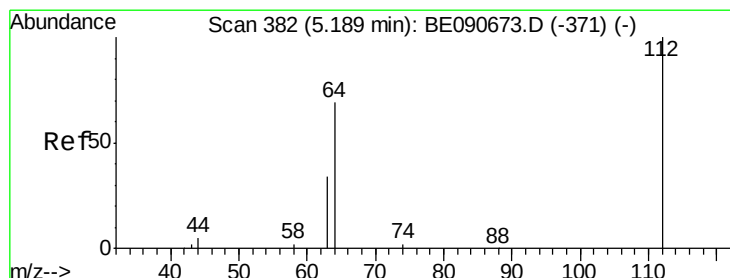
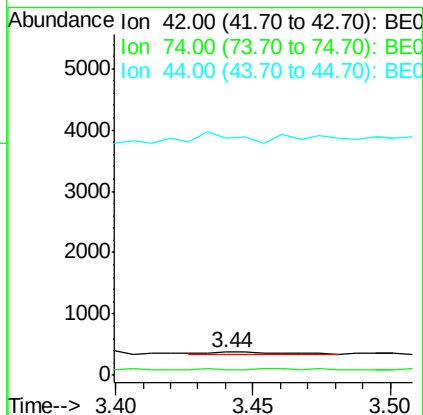
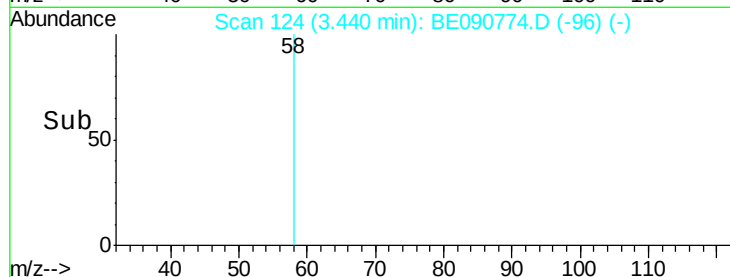
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-S

Tot Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 0.0 83.7 125.5#
44 248.3 10.0 15.0#



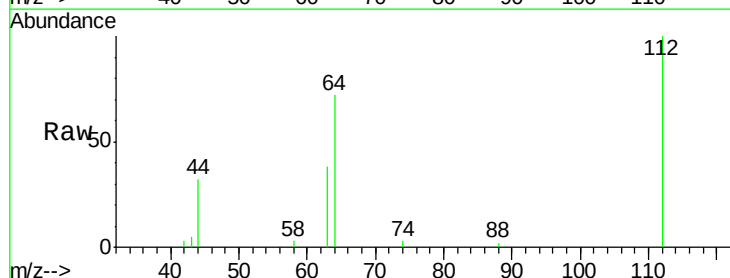
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



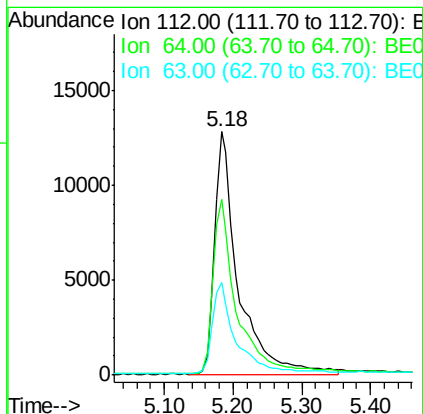
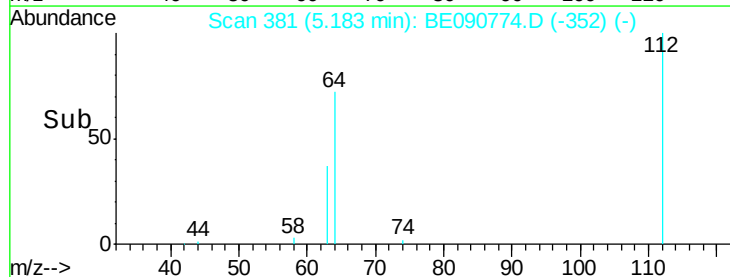
#4

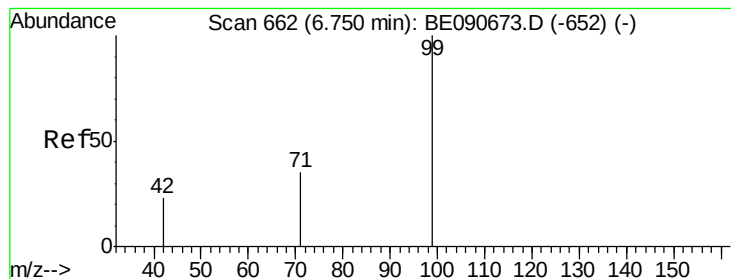
2-Fluorophenol
Concen: 4.07 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion: 112 Resp: 30342
Ion Ratio Lower Upper
112 100
64 71.9 57.3 85.9
63 37.4 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: 2.55 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

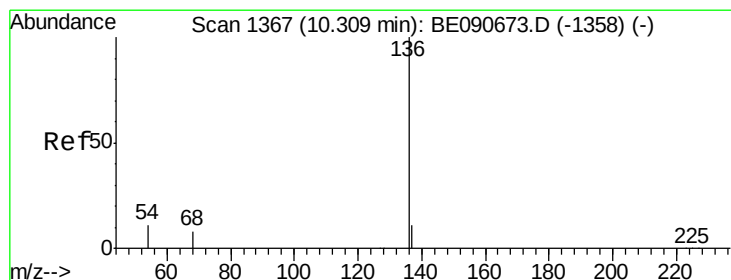
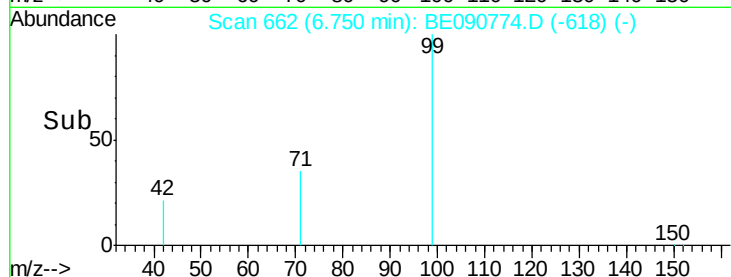
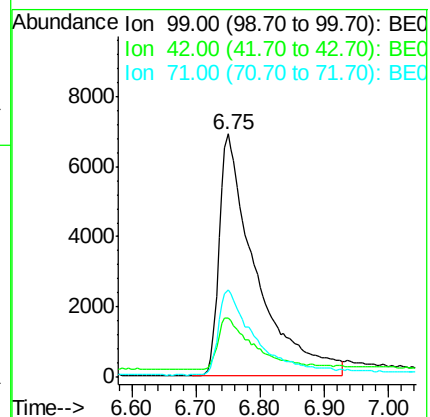
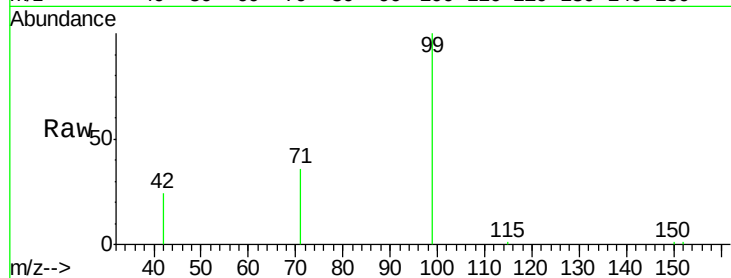
Tot Ion: 99 Resp: 27158

Ion Ratio Lower Upper

99 100

42 21.1 16.8 25.2

71 35.9 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: BE090774.D

Acq: 10 Sep 2015 22:59

Tgt Ion: 136 Resp: 172655

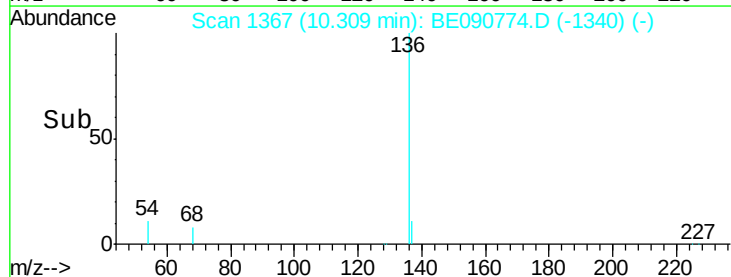
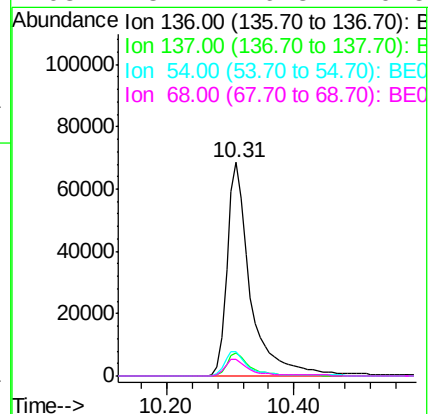
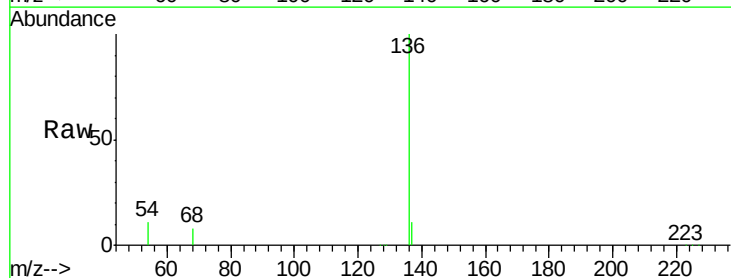
Ion Ratio Lower Upper

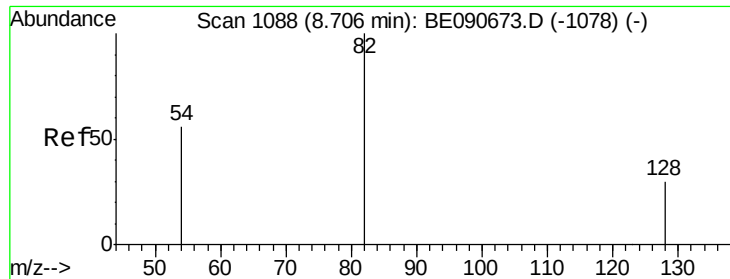
136 100

137 10.9 8.7 13.1

54 11.2 9.0 13.6

68 8.1 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.20 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

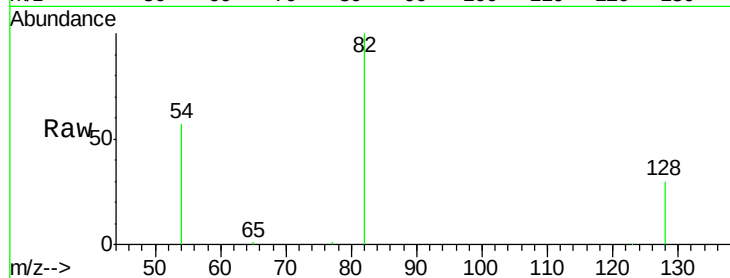
Tot Ion: 82 Resp: 47956

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

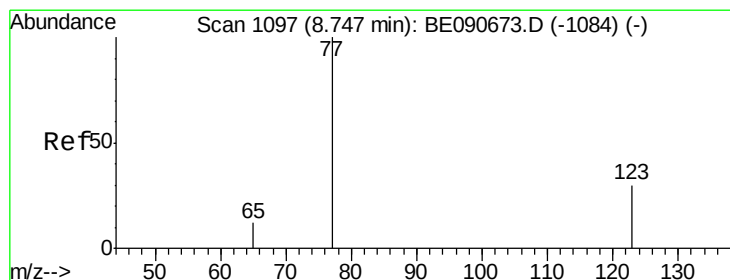
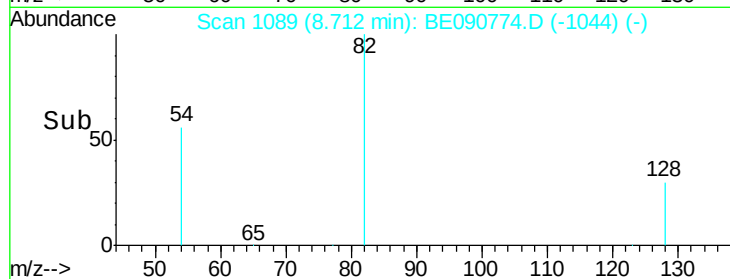
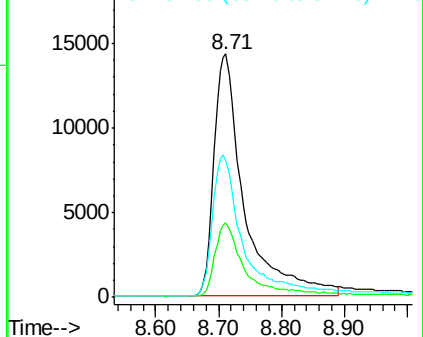
54 56.6 46.3 69.5



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: 0.11 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.04 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

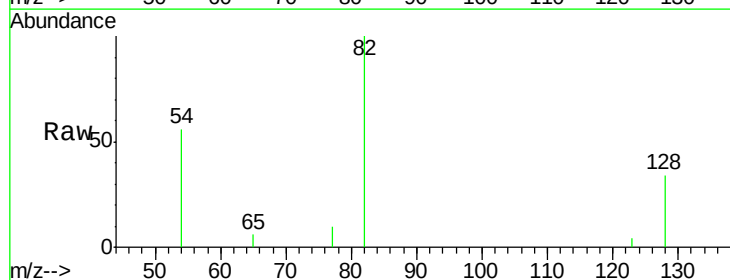
Tgt Ion: 77 Resp: 19

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

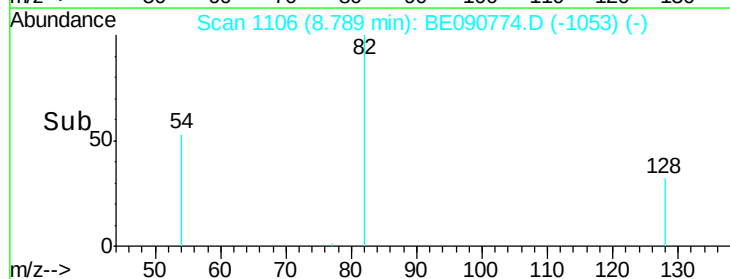
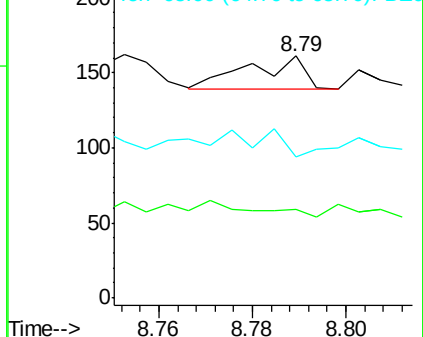
65 0.0 9.9 14.9#

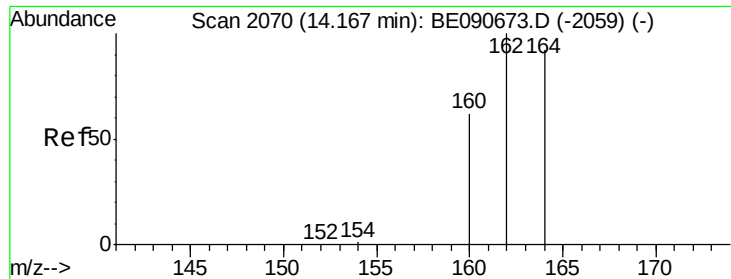


Abundance Ion 77.00 (76.70 to 77.70): BE0

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# 2070

Delta R.T. 0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

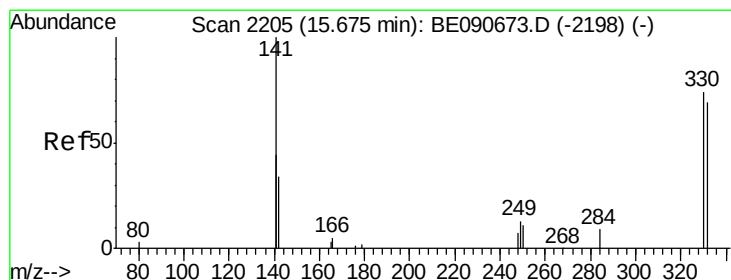
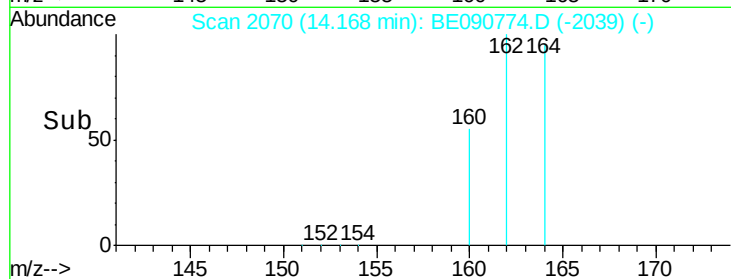
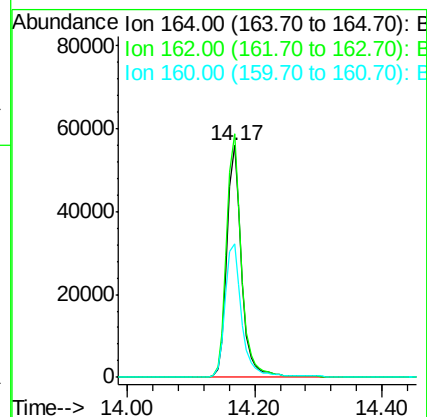
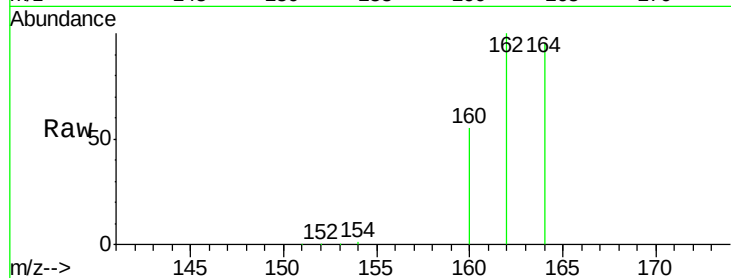
Tot Ion:164 Resp: 89735

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

160 57.5 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 9.07 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

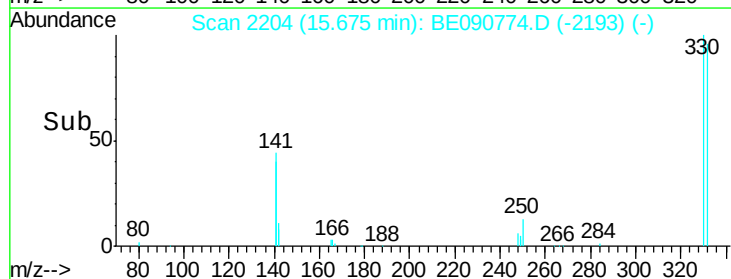
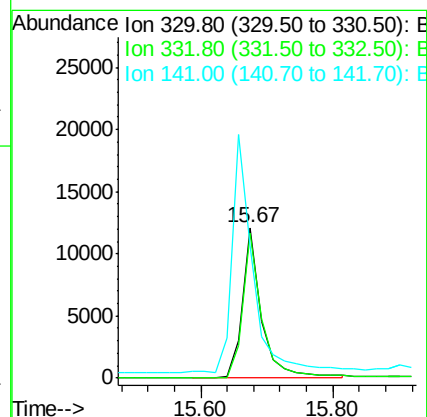
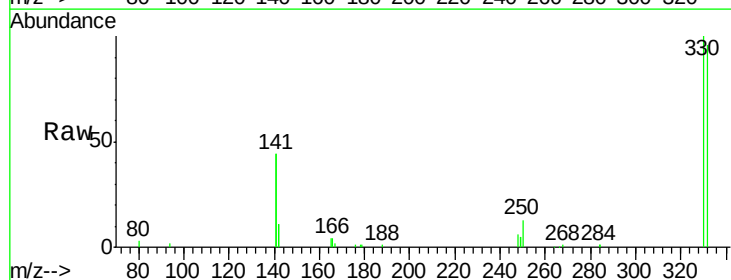
Tgt Ion:330 Resp: 23937

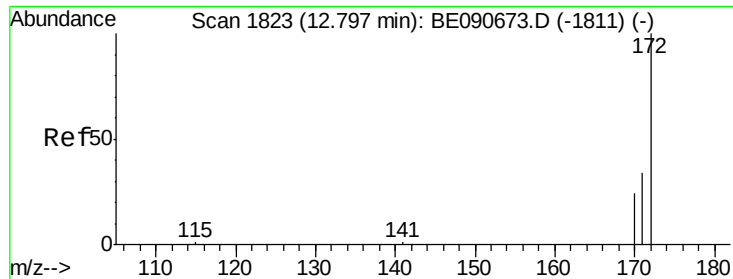
Ion Ratio Lower Upper

330 100

332 96.7 74.9 112.3

141 173.4 145.2 217.8

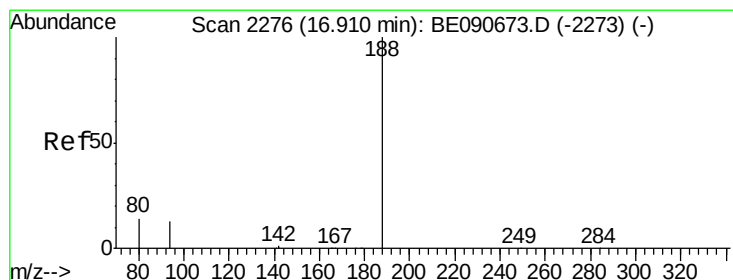
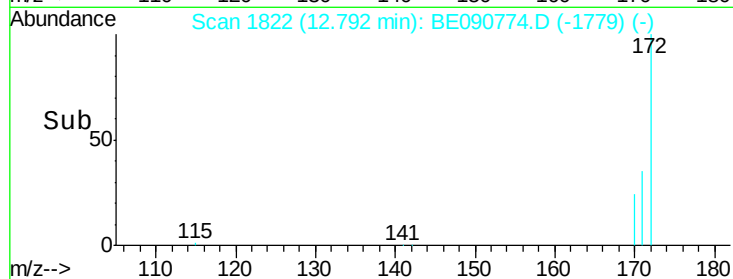
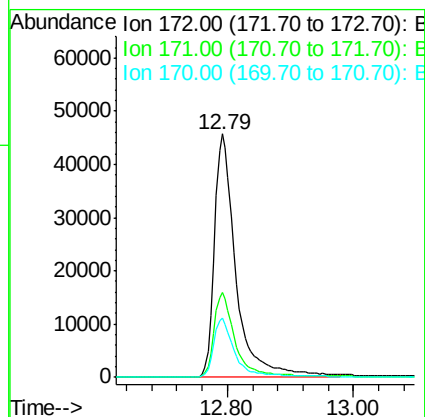
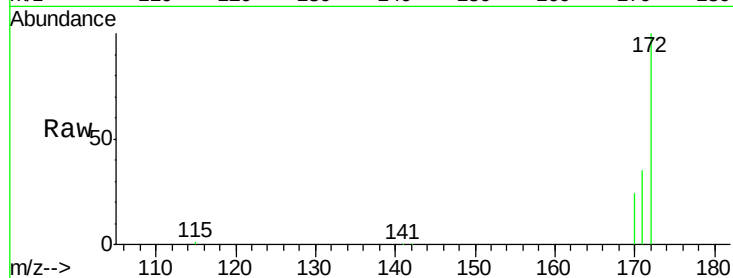




#14
2-Fluorobiphenyl
Concen: 4.36 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

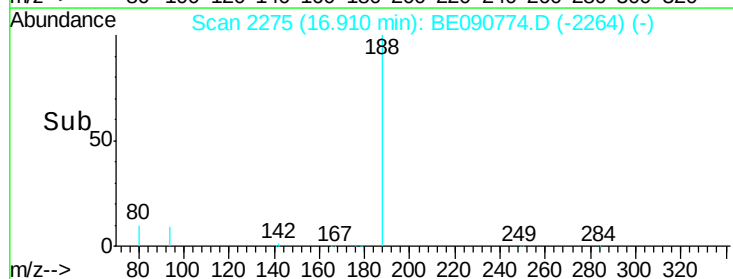
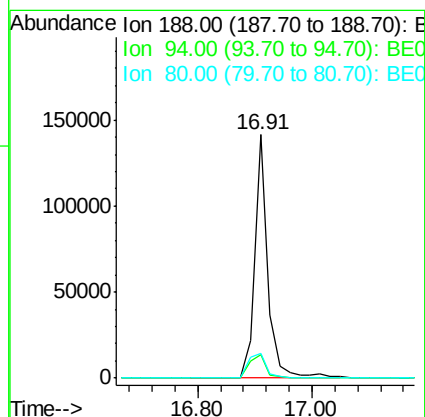
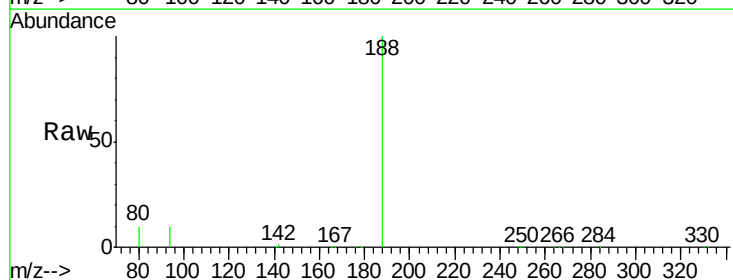
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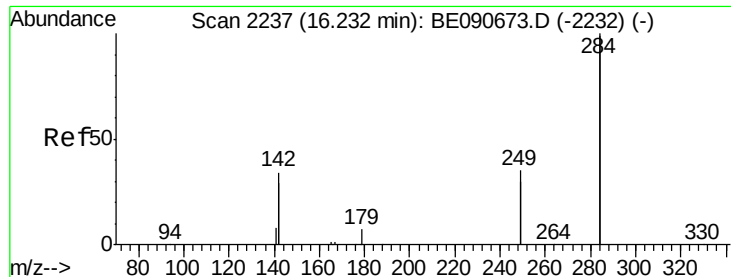
Tot Ion:172 Resp: 108467
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.3 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090774.D
Acq: 10 Sep 2015 22:59

Tgt Ion:188 Resp: 225973
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 10.3 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

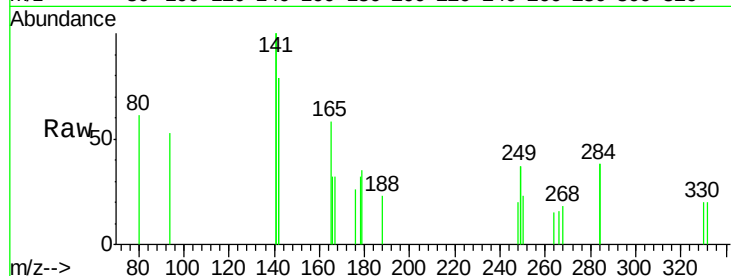
Tot Ion:284 Resp: 92

Ion Ratio Lower Upper

284 100

142 388.0 35.0 52.4#

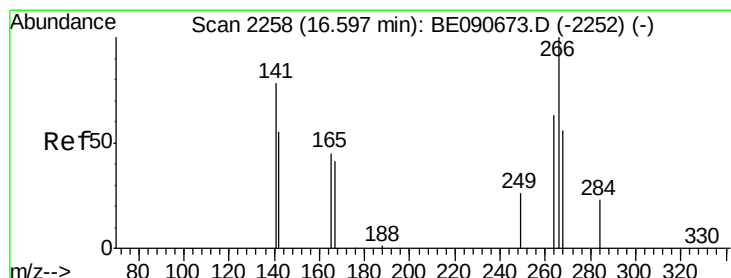
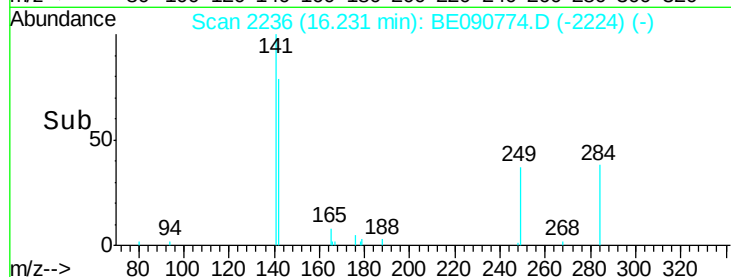
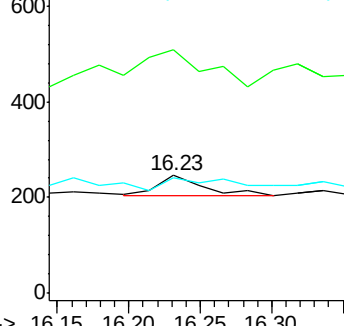
249 100.0 25.5 38.3#



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: 0.47 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

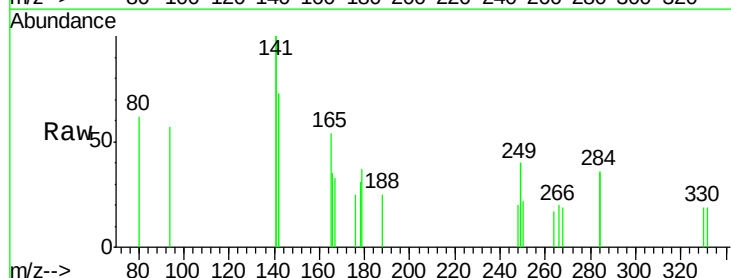
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

268 96.6 49.6 74.4#

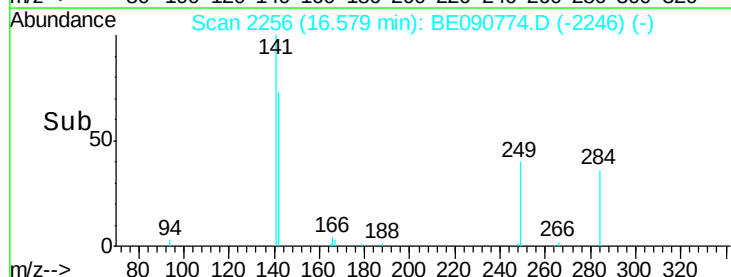
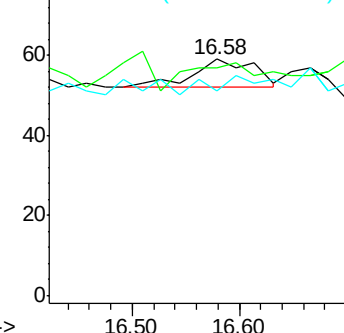
264 86.4 53.9 80.9#

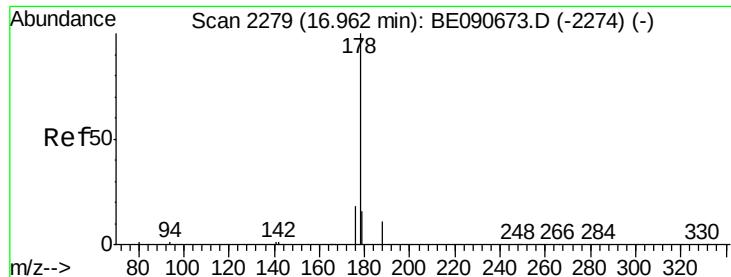


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.02 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

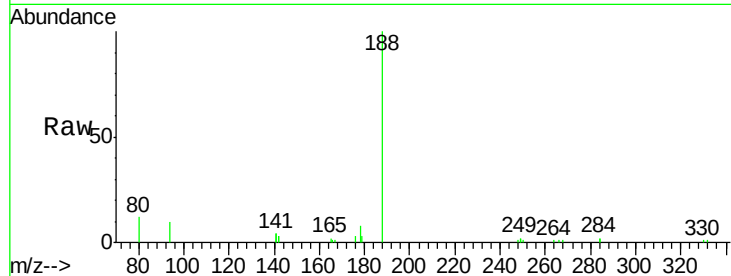
Tot Ion:178 Resp: 1121

Ion Ratio Lower Upper

178 100

176 21.9 15.6 23.4

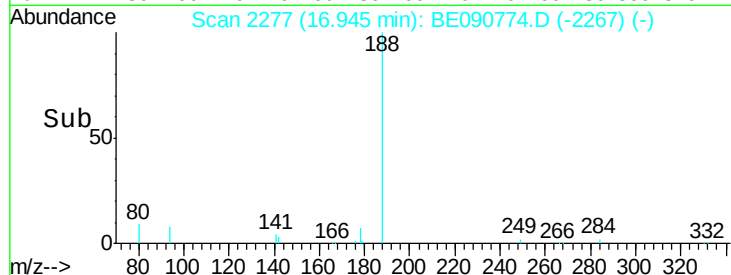
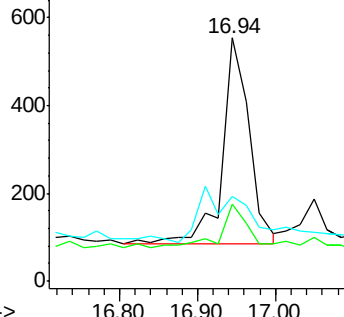
179 0.0 12.8 19.2#



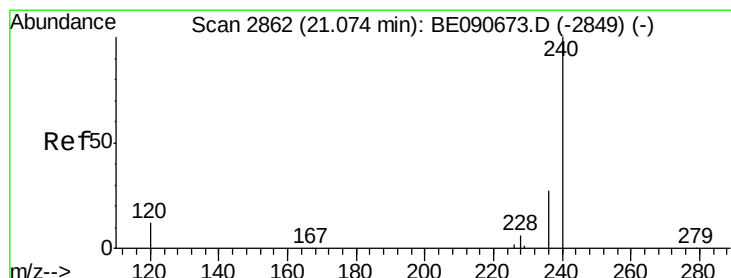
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

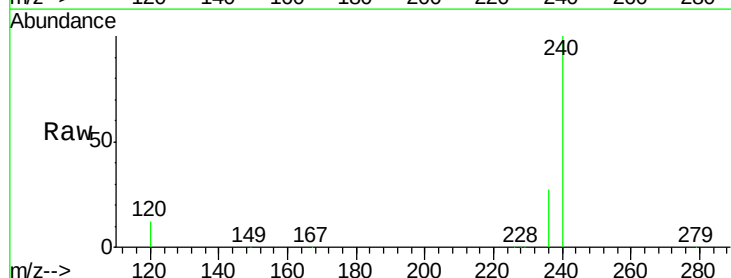
Tgt Ion:240 Resp: 270812

Ion Ratio Lower Upper

240 100

120 11.5 10.1 15.1

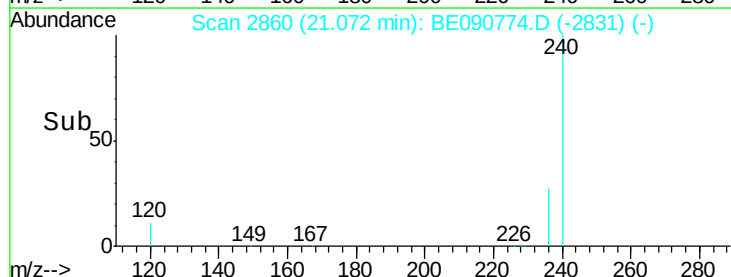
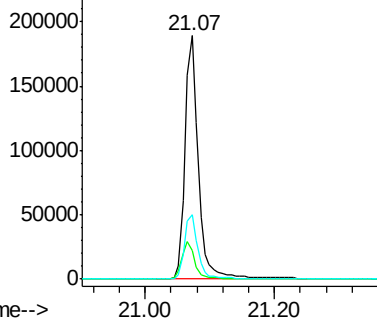
236 26.5 21.9 32.9



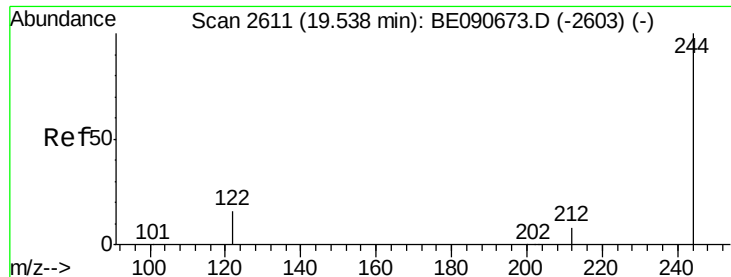
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#27

Terphenyl-d14

Concen: 6.40 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S

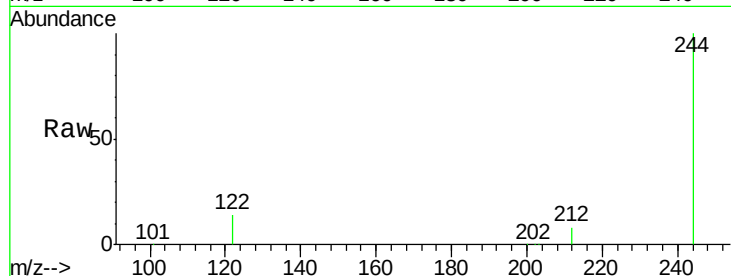
Tot Ion:244 Resp: 191616

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

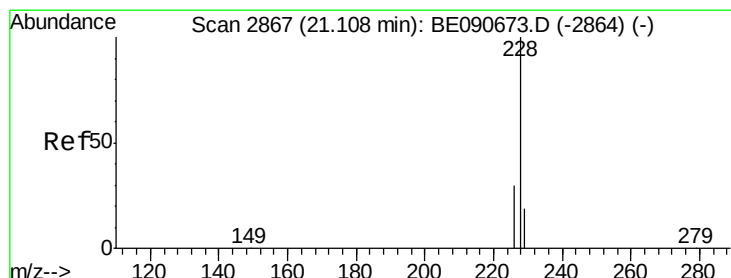
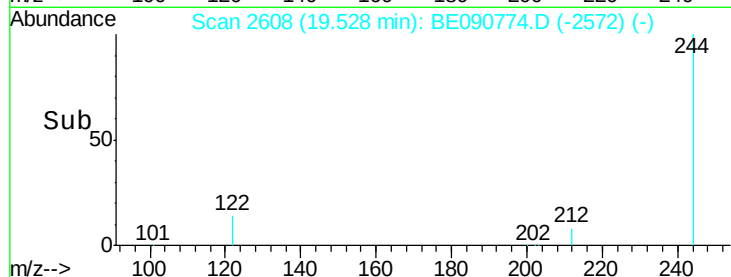
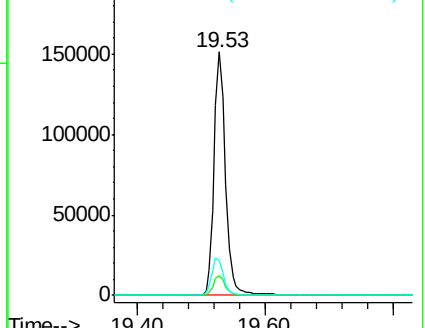
122 14.3 12.9 19.3



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



#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090774.D

Acq: 10 Sep 2015 22:59

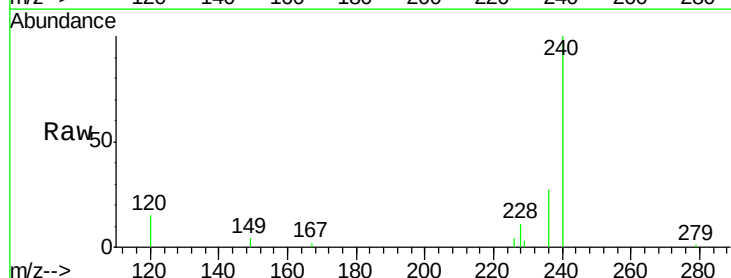
Tgt Ion:228 Resp: 1045

Ion Ratio Lower Upper

228 100

226 33.0 24.2 36.4

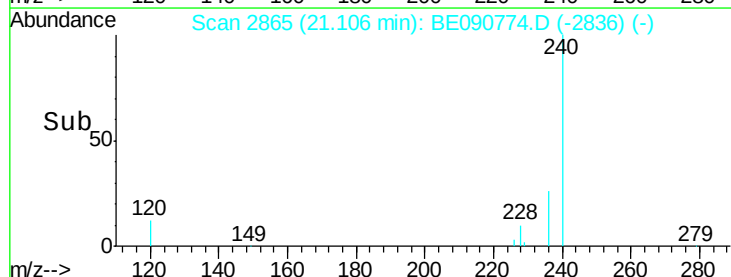
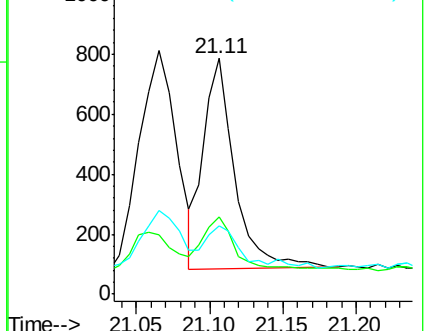
229 28.9 15.3 22.9#

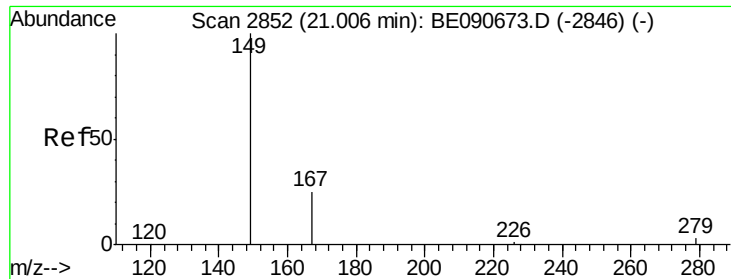


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

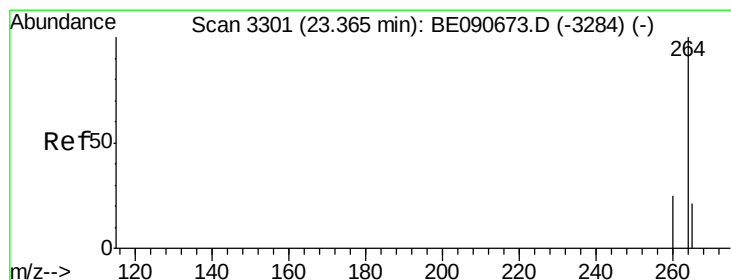
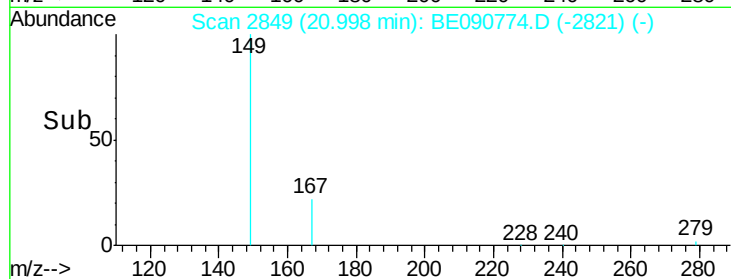
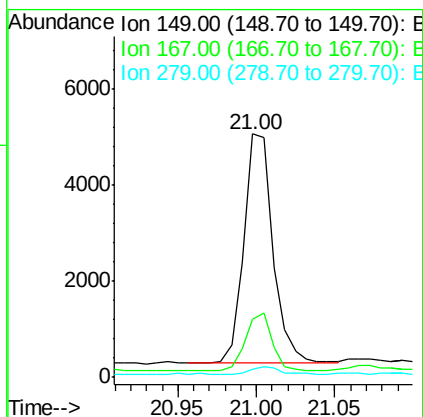
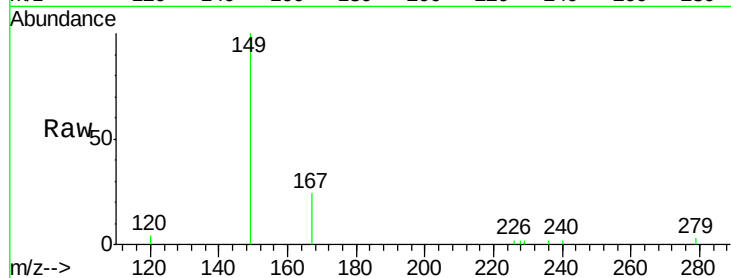




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.00 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BE090774.D
 Acq: 10 Sep 2015 22:59

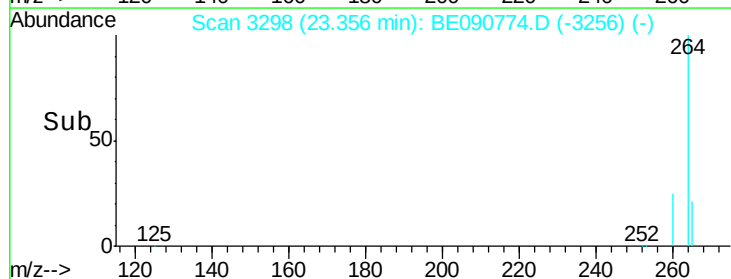
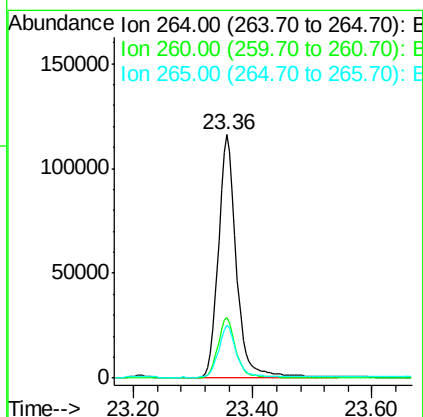
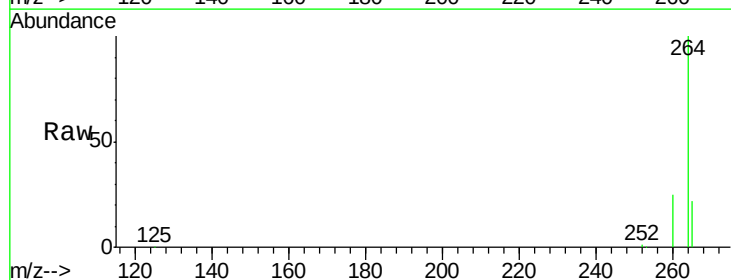
Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-S

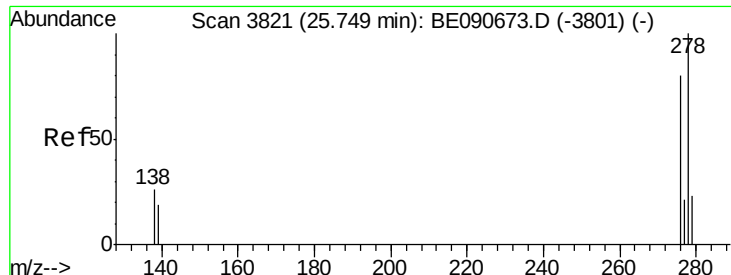
Tot Ion:149 Resp: 6155
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.1 30.1
 279 3.1 2.3 3.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090774.D
 Acq: 10 Sep 2015 22:59

Tgt Ion:264 Resp: 245621
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.6 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.00 min

Lab File: BE090774.D

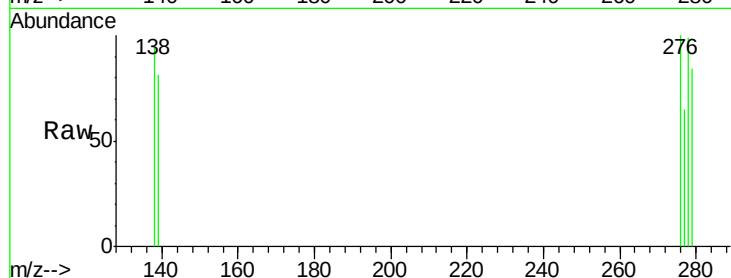
Acq: 10 Sep 2015 22:59

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-S



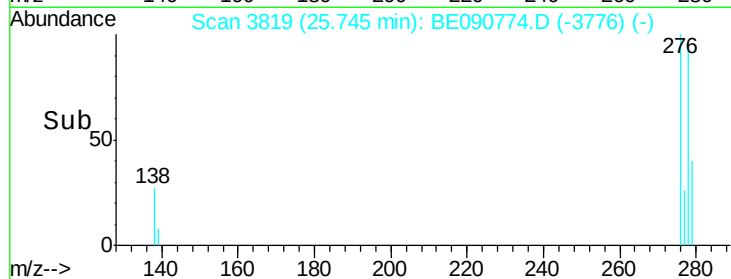
Tot Ion:278 Resp: 136

Ion Ratio Lower Upper

278 100

139 82.7 15.4 23.0#

279 85.0 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

