

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
 Data File : BE090928.D
 Acq On : 21 Sep 2015 21:03
 Operator : UM/IZ
 Sample : G3745-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091715-D534-F-U-B

Quant Time: Sep 22 00:43:28 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

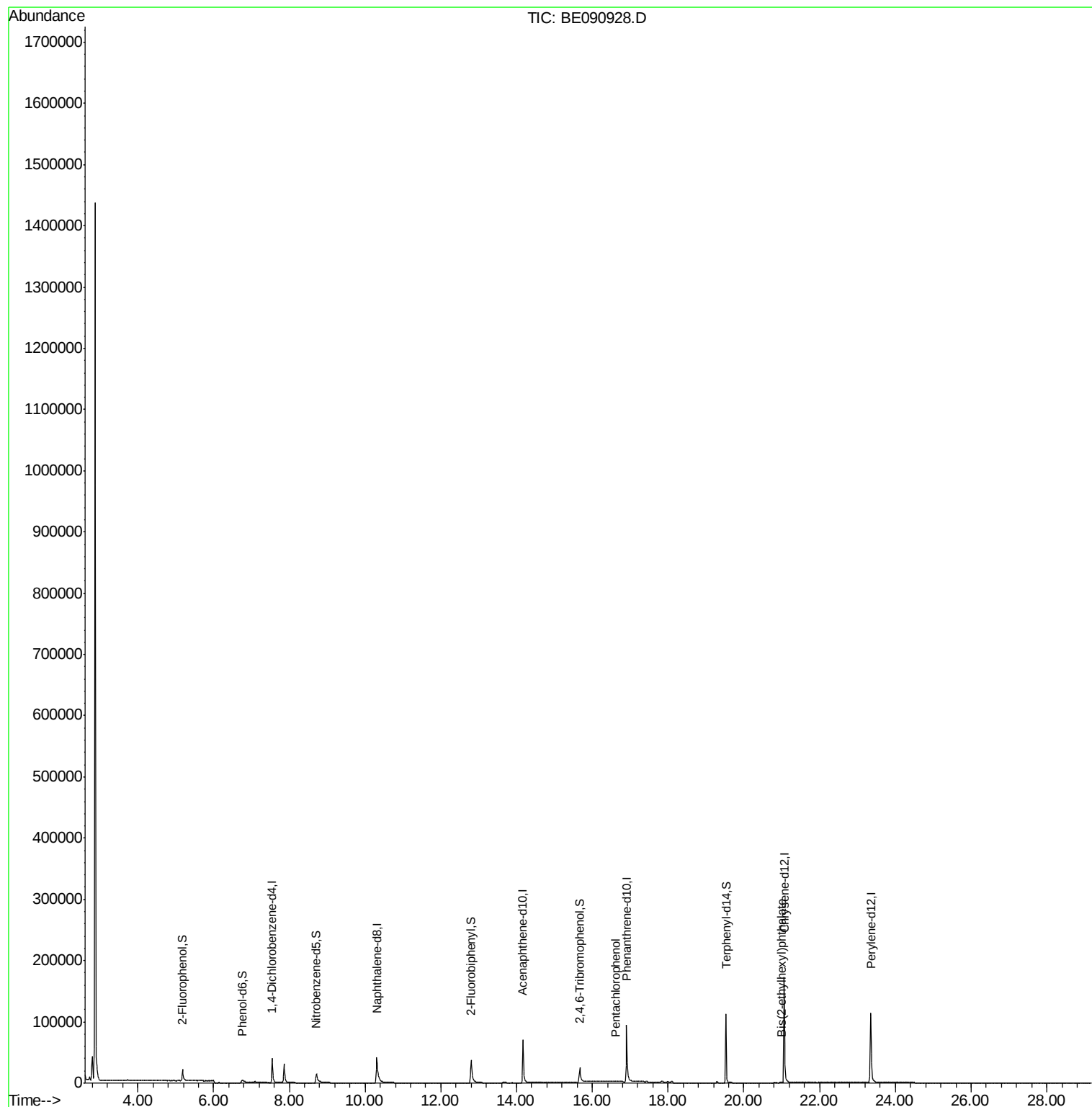
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25502	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	106901	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	56017	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	141126	5.00	ng	0.00
26) Chrysene-d12	21.07	240	184966	5.00	ng	0.00
33) Perylene-d12	23.35	264	170573	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	19730	3.43	ng	0.00
5) Phenol-d6	6.75	99	14811	1.86	ng	0.00
8) Nitrobenzene-d5	8.71	82	30916	4.20	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	14978	7.58	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	69853	4.40	ng	0.00
28) Terphenyl-d14	19.53	244	134274	6.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	93	Below Cal	#	1
3) n-Nitrosodimethylamine	3.46	42	12	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.00	93	23	Below Cal	#	13
10) Naphthalene	10.36	128	99	Below Cal	#	1
11) Hexachlorobutadiene	10.66	225	6	Below Cal	#	47
18) Fluorene	15.24	166	112	Below Cal	#	88
21) Hexachlorobenzene	16.23	284	27	Below Cal	#	37
22) Pentachlorophenol	16.61	266	33	0.19 ng	#	61
23) Phenanthrene	16.94	178	772	Below Cal	#	68
30) Chrysene	21.07	228	685	Below Cal	#	76
31) Bis(2-ethylhexyl)phthalate	20.99	149	1538	0.24 ng	#	99

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

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Quant Time: Sep 22 00:43:28 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

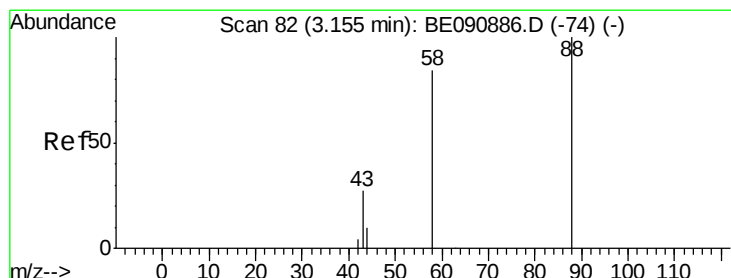
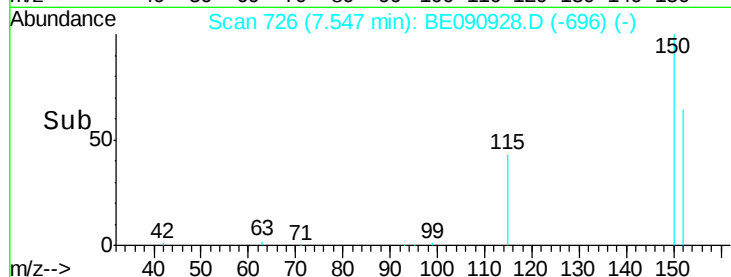
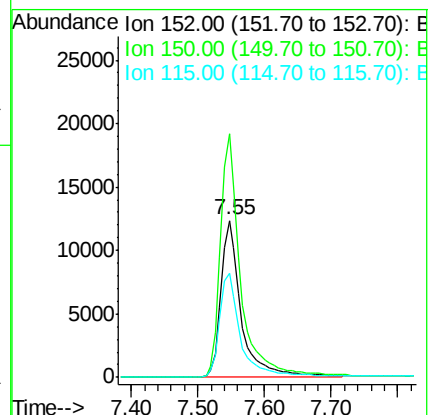
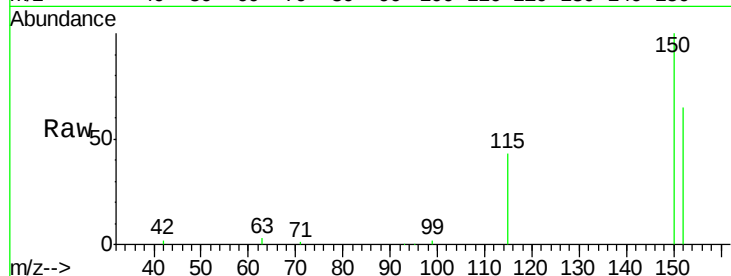
Tot Ion:152 Resp: 25502

Ion Ratio Lower Upper

152 100

150 155.0 122.2 183.4

115 66.3 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.16 min Scan# 82

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

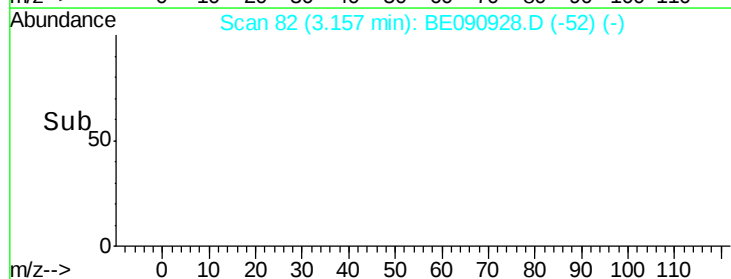
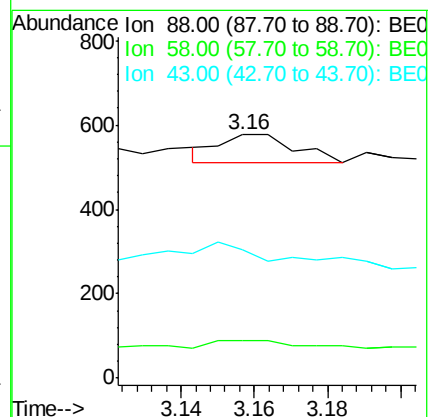
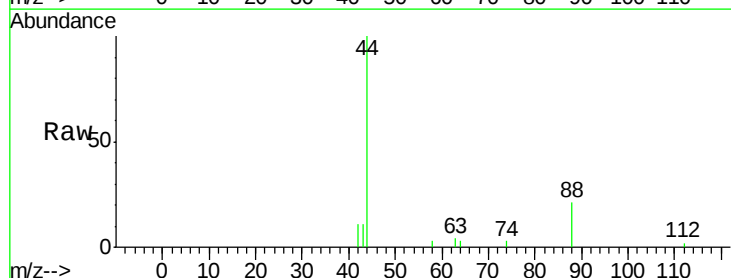
Tgt Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

58 45.2 68.4 102.6#

43 193.5 26.9 40.3#



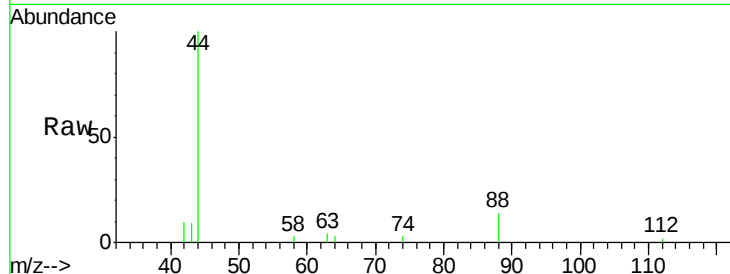


#3

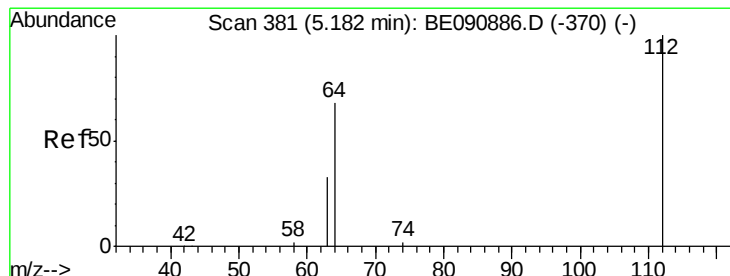
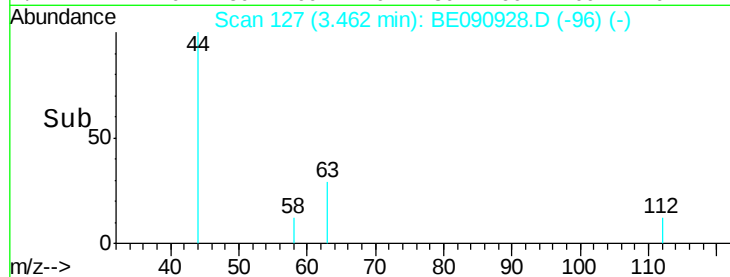
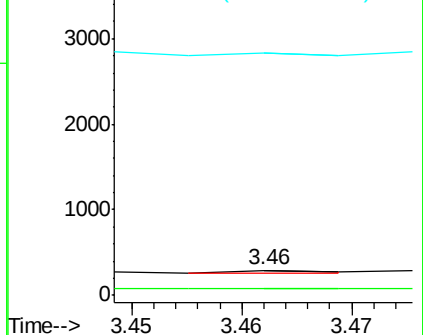
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.46 min Scan# 127
Delta R.T. 0.01 min
Lab File: BE090928.D
Acq: 21 Sep 2015 21:03

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-B

Tot Ion: 42 Resp: 12
Ion Ratio Lower Upper
42 100
74 0.0 83.7 125.5#
44 508.3 10.0 15.0#



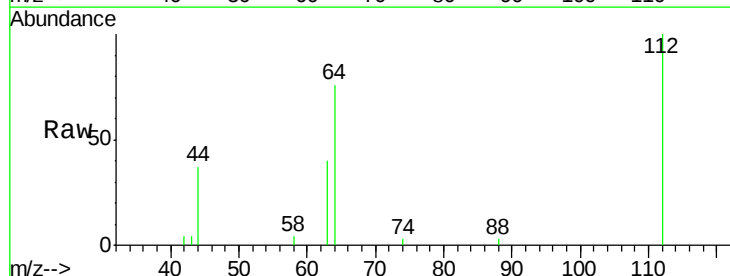
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



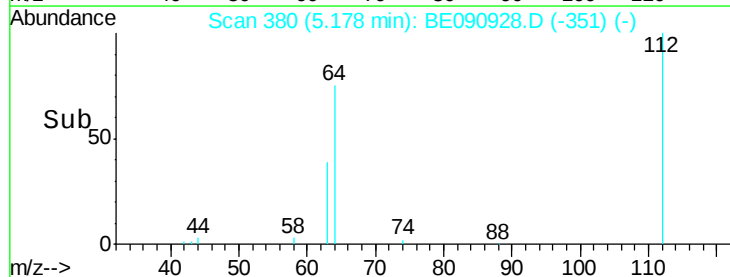
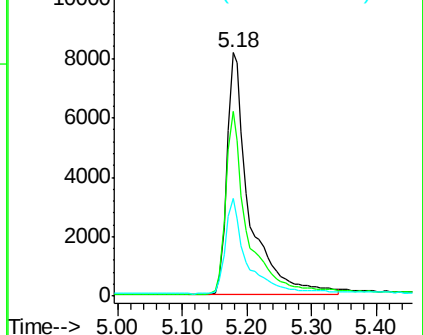
#4

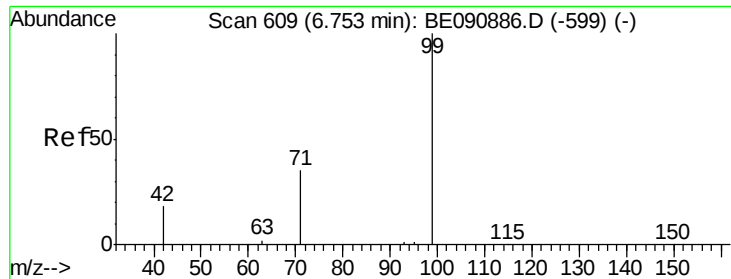
2-Fluorophenol
Concen: 3.43 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE090928.D
Acq: 21 Sep 2015 21:03

Tgt Ion: 112 Resp: 19730
Ion Ratio Lower Upper
112 100
64 73.4 57.3 85.9
63 37.6 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.86 ng

RT: 6.75 min Scan# 609

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

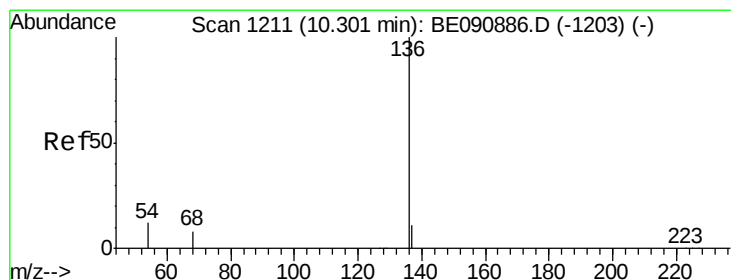
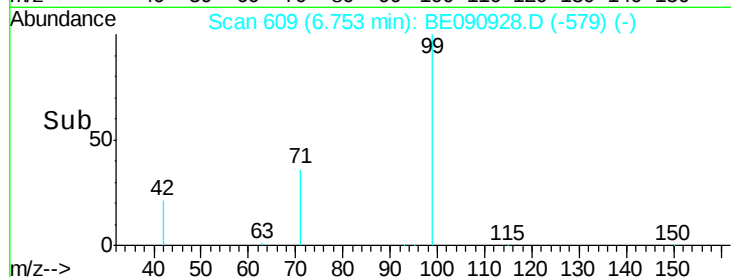
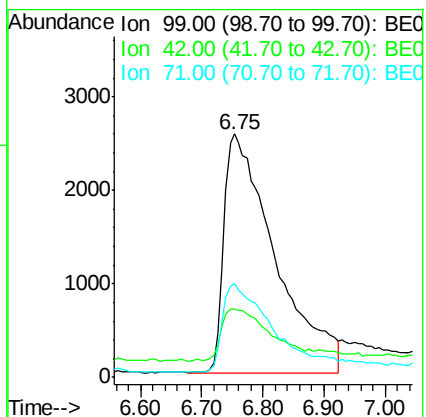
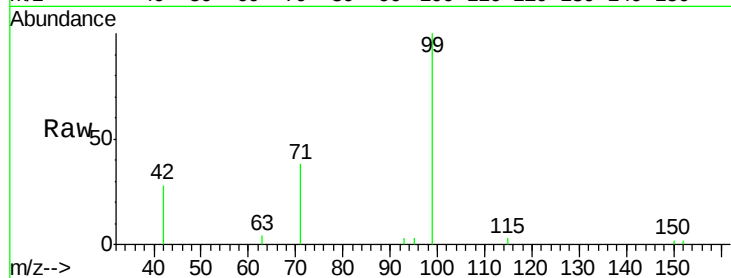
Tot Ion: 99 Resp: 14811

Ion Ratio Lower Upper

99 100

42 20.4 16.8 25.2

71 37.0 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Tgt Ion: 136 Resp: 106901

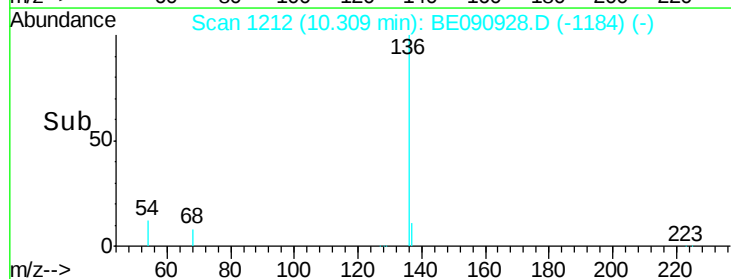
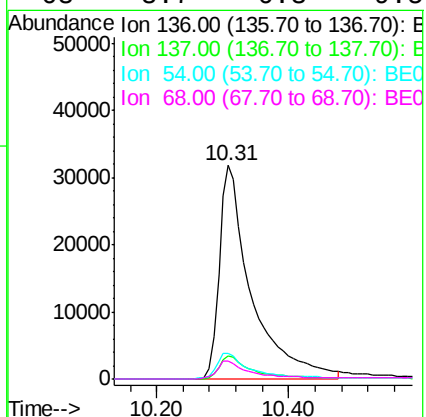
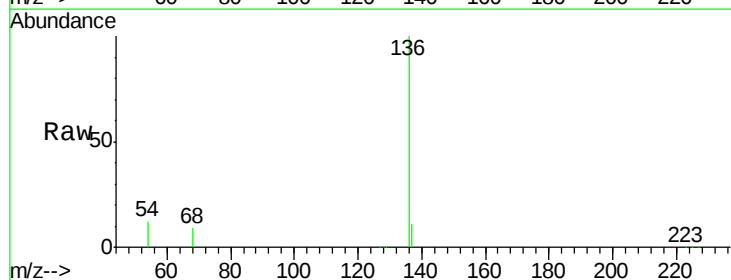
Ion Ratio Lower Upper

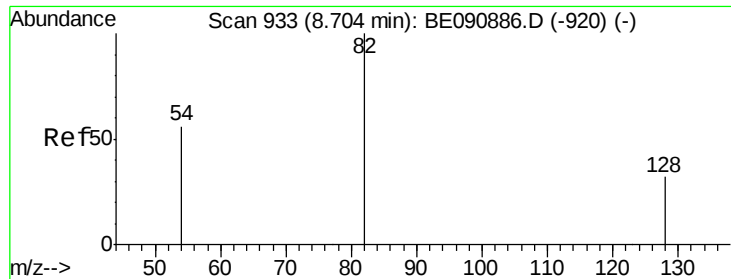
136 100

137 11.1 8.7 13.1

54 12.1 9.0 13.6

68 8.7 6.3 9.5





#8

Nitrobenzene-d5

Concen: 4.20 na

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

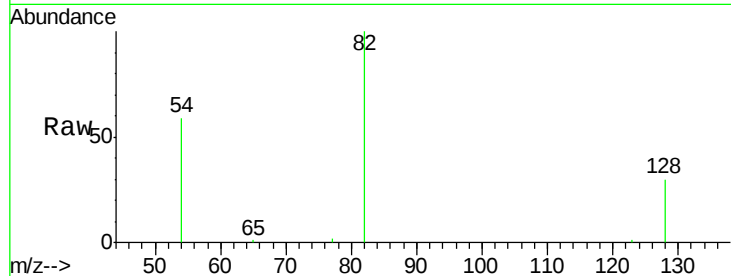
Tot Ion: 82 Resp: 30916

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

54 59.1 46.3 69.5



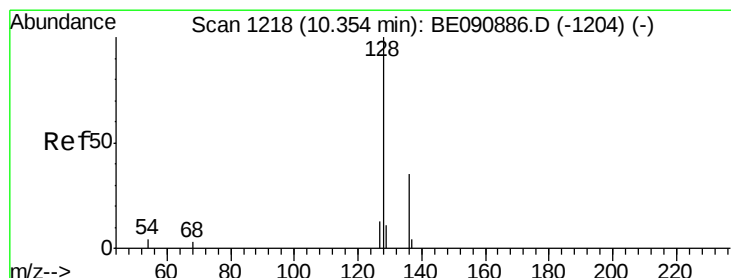
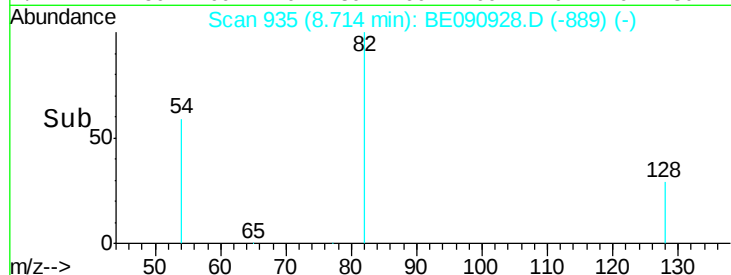
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.71

Time-->



#10

Naphthalene

Concen: Below Cal

RT: 10.36 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

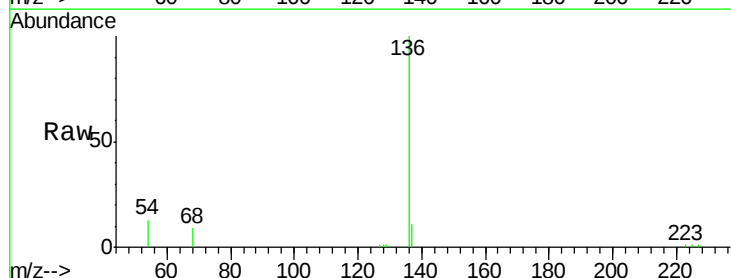
Tgt Ion: 128 Resp: 99

Ion Ratio Lower Upper

128 100

129 63.4 8.4 12.6#

127 60.4 9.9 14.9#



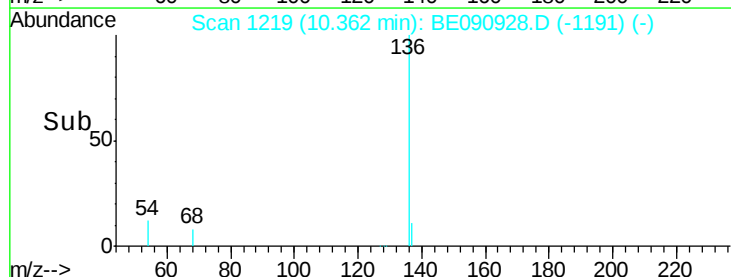
Abundance Ion 128.00 (127.70 to 128.70): E

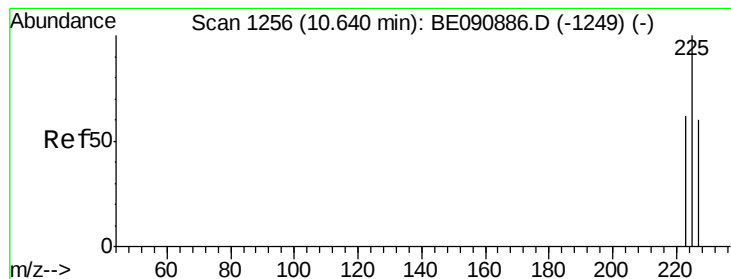
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.36

Time-->





#11

Hexachlorobutadiene

Concen: Below Cal

RT: 10.66 min Scan# 1259

Delta R.T. 0.02 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

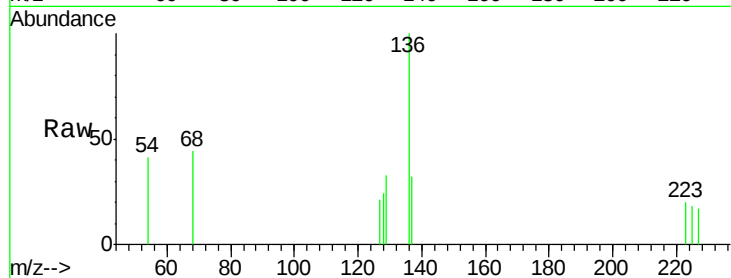
Tot Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

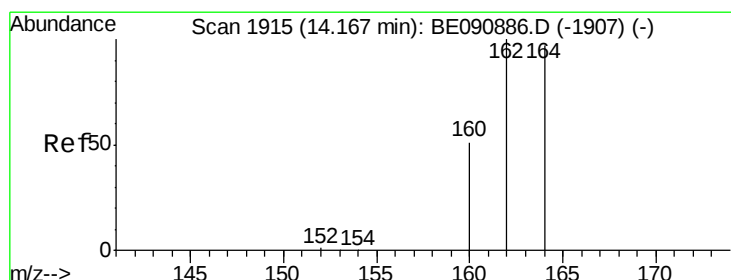
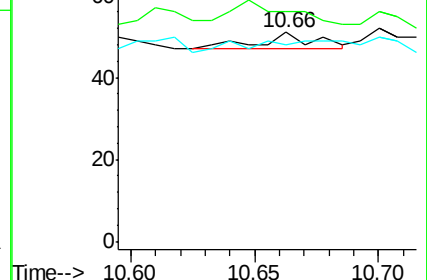
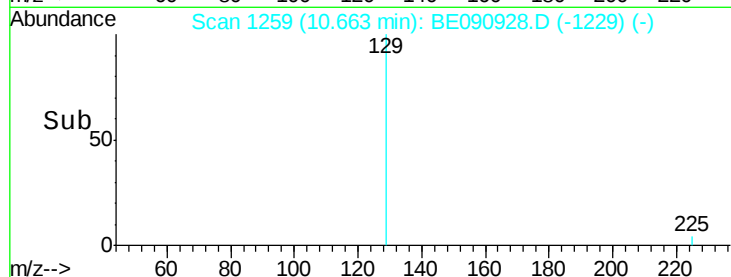
227 83.3 51.0 76.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

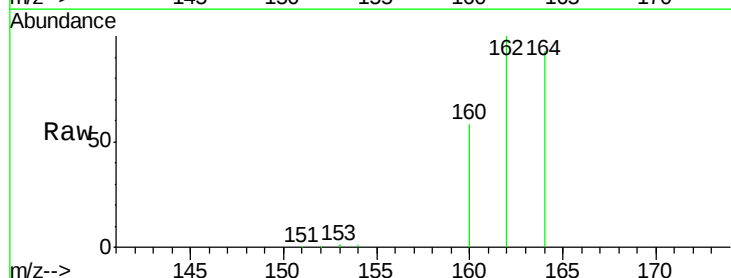
Tgt Ion:164 Resp: 56017

Ion Ratio Lower Upper

164 100

162 107.9 86.8 130.2

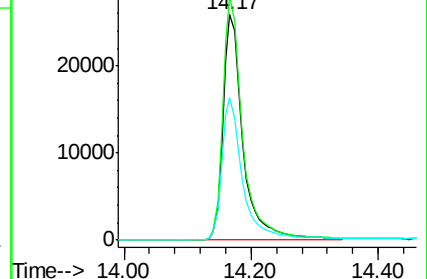
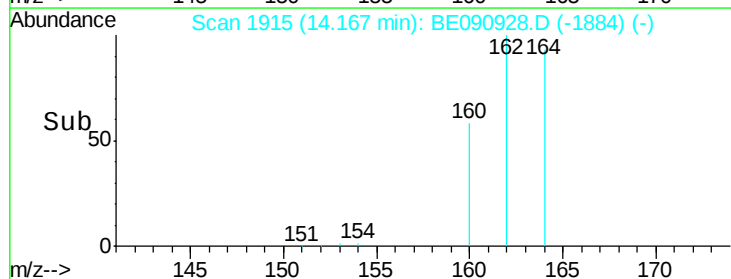
160 63.0 53.9 80.9

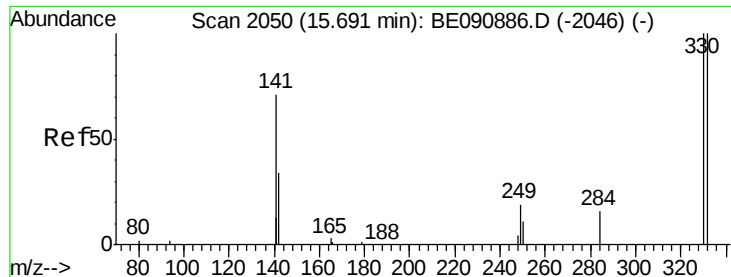


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

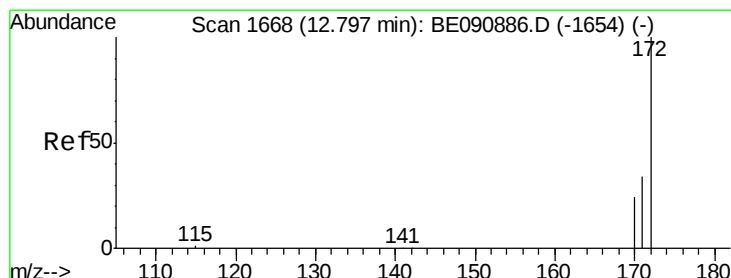
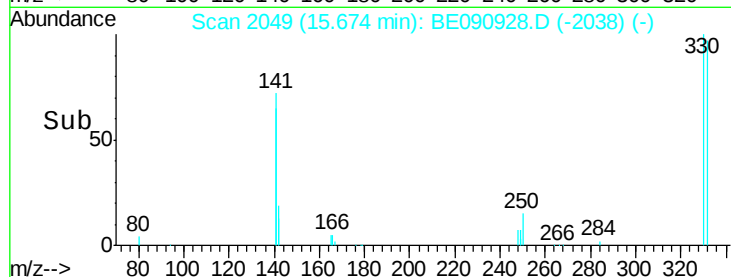
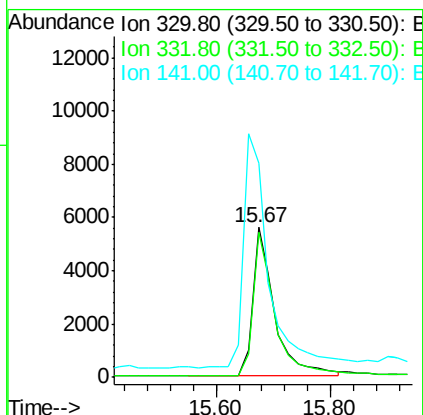
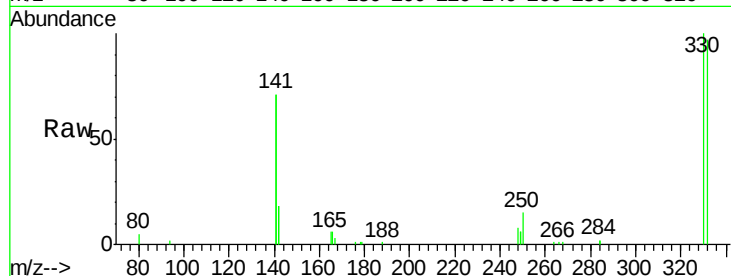




#14
 2,4,6-Tribromophenol
 Concen: 7.58 ng
 RT: 15.67 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

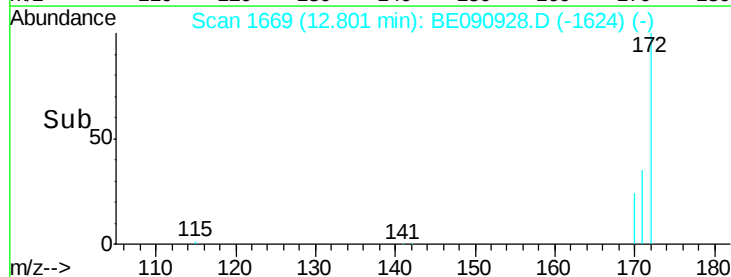
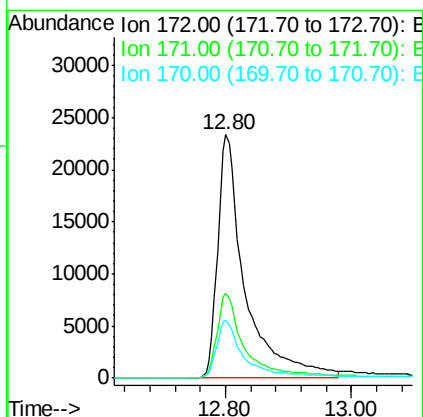
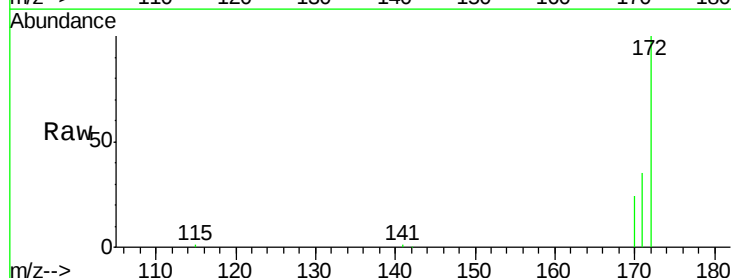
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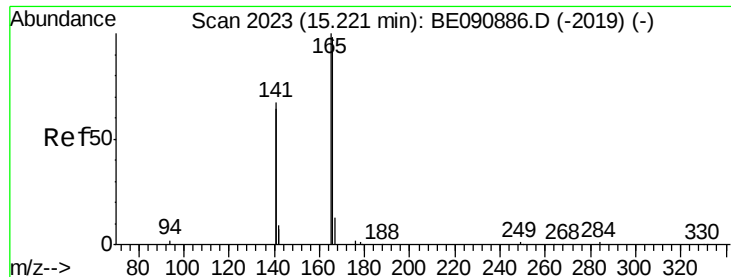
Tot Ion:330 Resp: 14978
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.9 112.3
 141 179.2 145.2 217.8



#15
 2-Fluorobiphenyl
 Concen: 4.40 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

Tgt Ion:172 Resp: 69853
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.8
 170 24.0 19.8 29.6

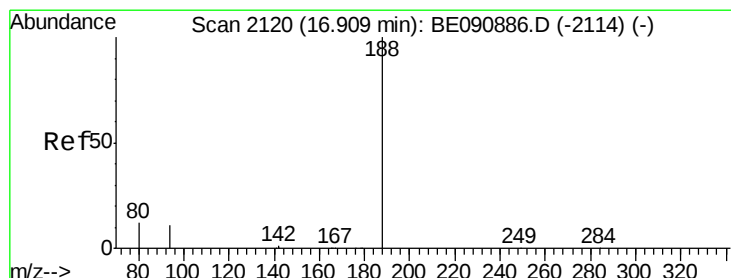
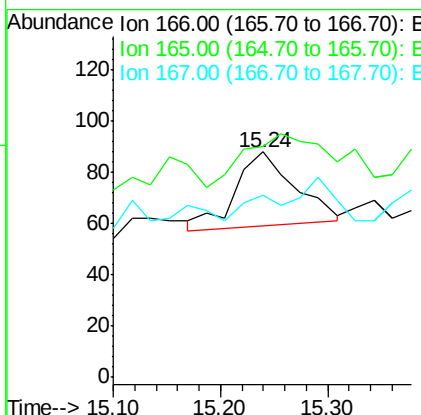
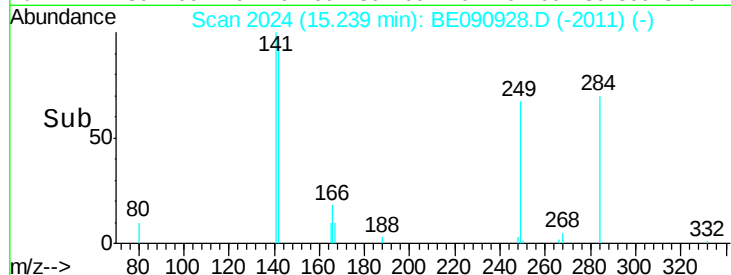
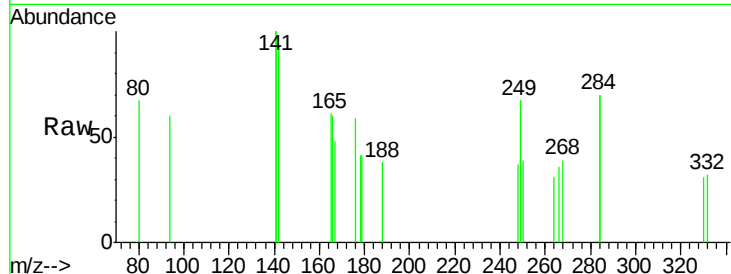




#18
Fluorene
 Concen: Below Cal
 RT: 15.24 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

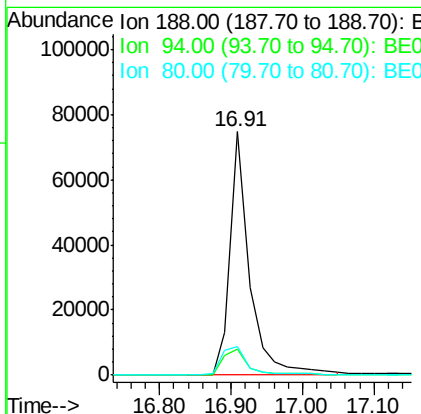
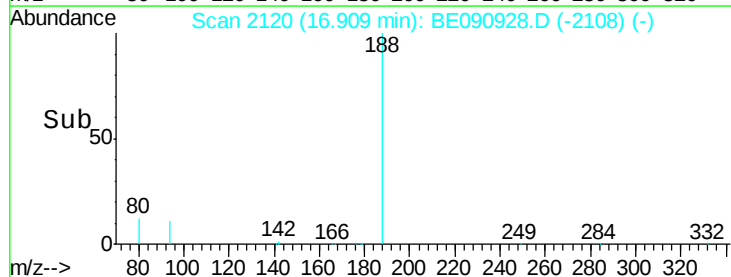
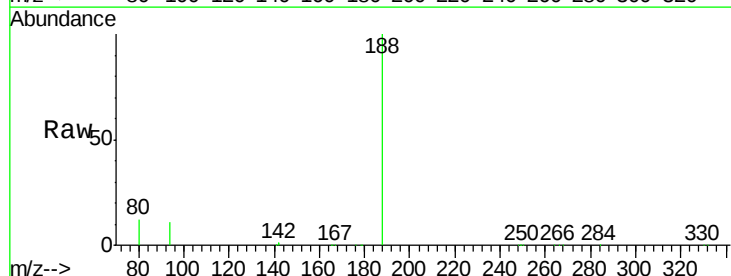
Instrument :
 BNA_E
 ClientSampleId :
 091715-D534-F-U-B

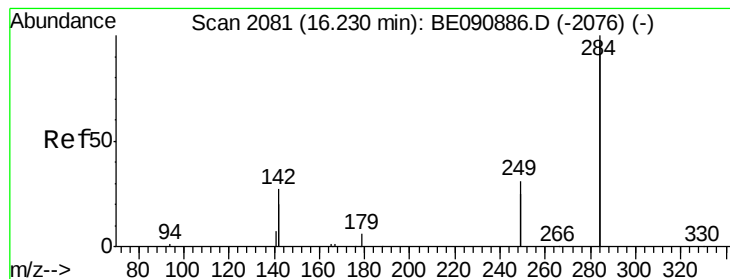
Tot Ion:	166	Resp:	112
Ion	Ratio	Lower	Upper
166	100		
165	112.5	82.7	124.1
167	0.0	10.7	16.1#



#19
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

Tgt Ion:	188	Resp:	141126
Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.3	15.5
80	11.8	11.0	16.6





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

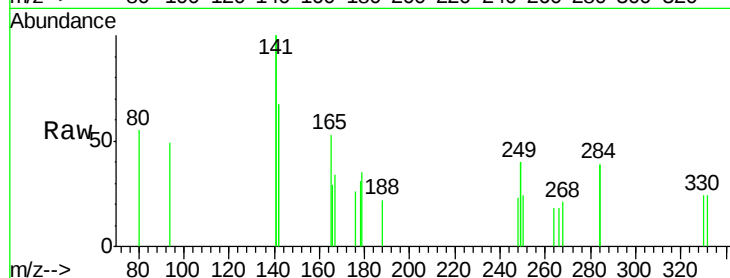
Tot Ion:284 Resp: 27

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 0.0 25.5 38.3#



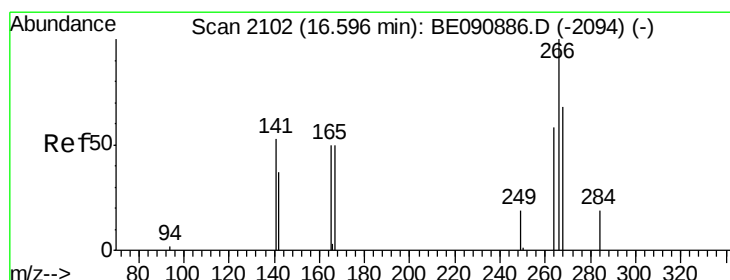
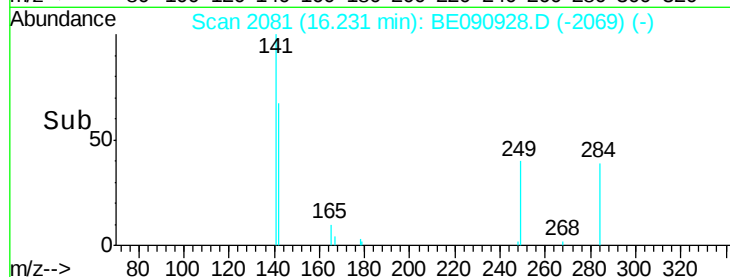
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.23

Time-->



#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.61 min Scan# 2103

Delta R.T. 0.02 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

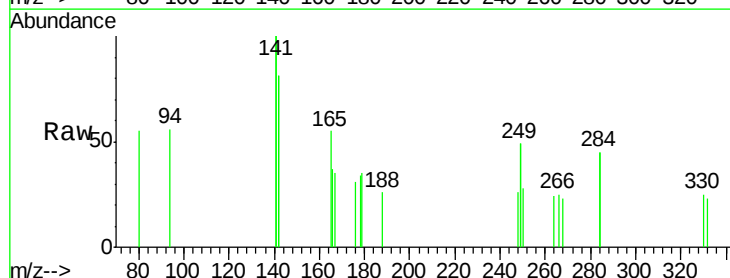
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

268 92.9 49.6 74.4#

264 98.2 53.9 80.9#



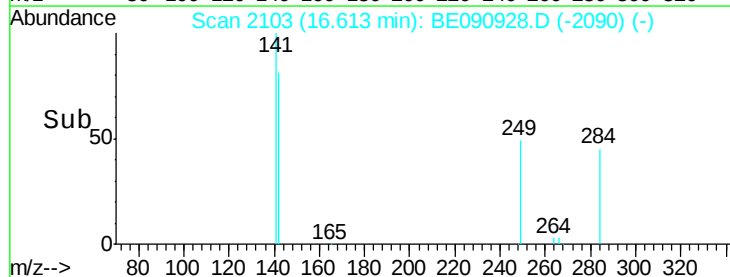
Abundance Ion 265.70 (265.40 to 266.40): E

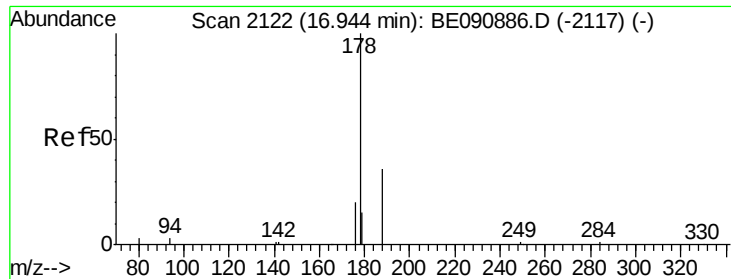
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.61

Time-->





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

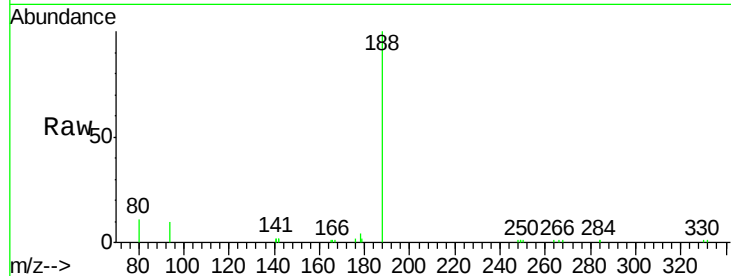
Tot Ion:178 Resp: 772

Ion Ratio Lower Upper

178 100

176 32.1 15.6 23.4#

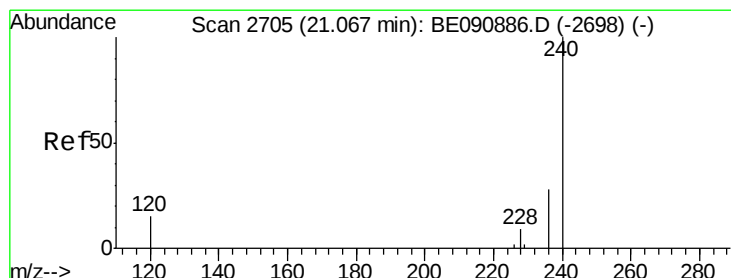
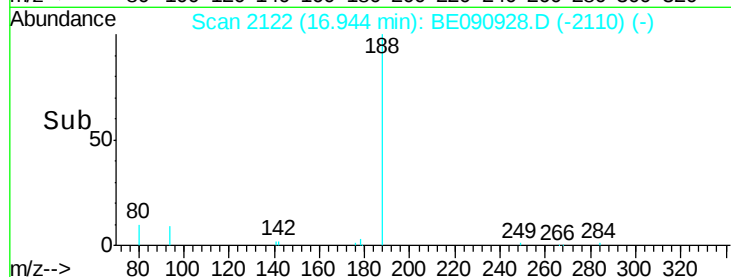
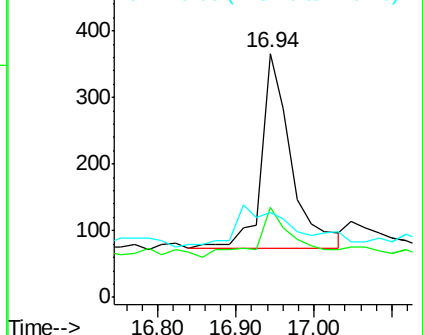
179 0.0 12.8 19.2#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

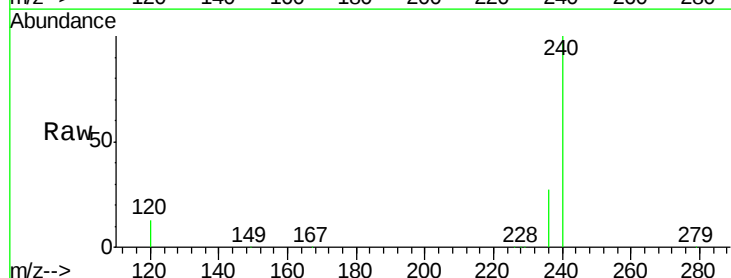
Tgt Ion:240 Resp: 184966

Ion Ratio Lower Upper

240 100

120 13.2 10.1 15.1

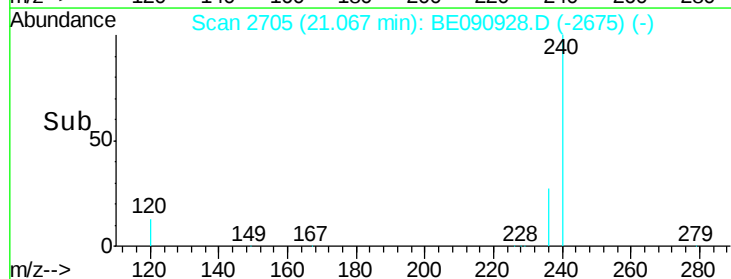
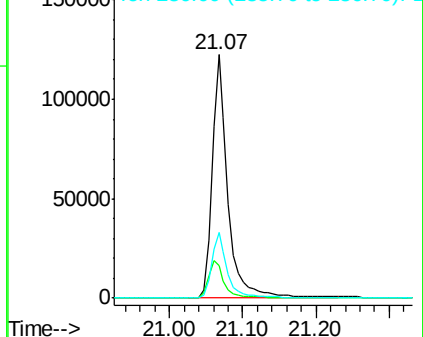
236 27.0 21.9 32.9

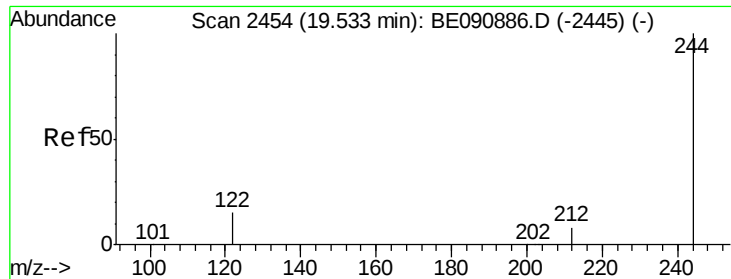


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 6.44 ng

RT: 19.53 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-B

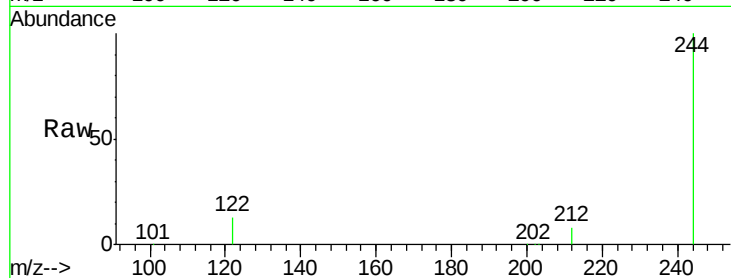
Tot Ion:244 Resp: 134274

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

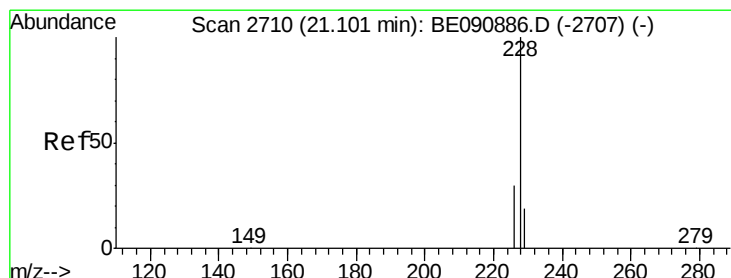
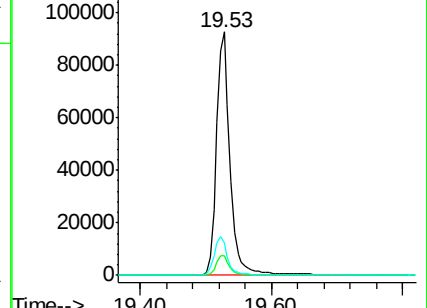
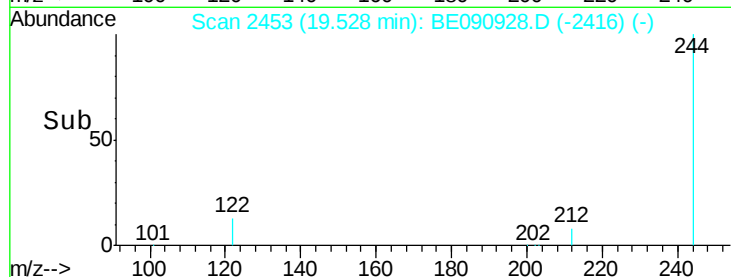
122 13.1 12.9 19.3



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



#30

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2705

Delta R.T. -0.03 min

Lab File: BE090928.D

Acq: 21 Sep 2015 21:03

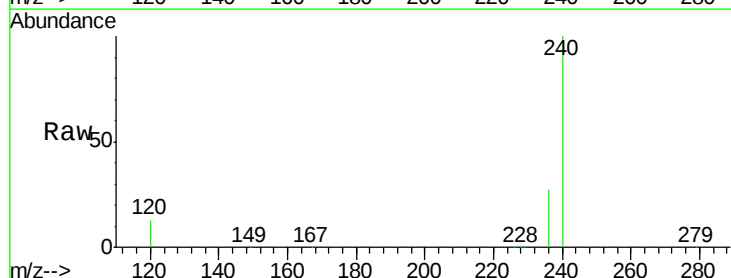
Tgt Ion:228 Resp: 685

Ion Ratio Lower Upper

228 100

226 26.8 24.2 36.4

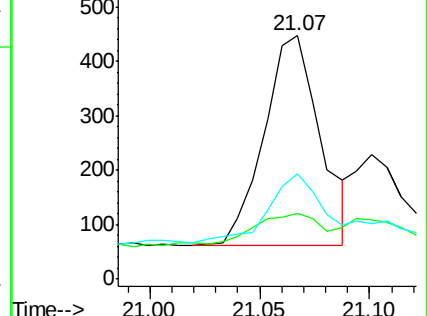
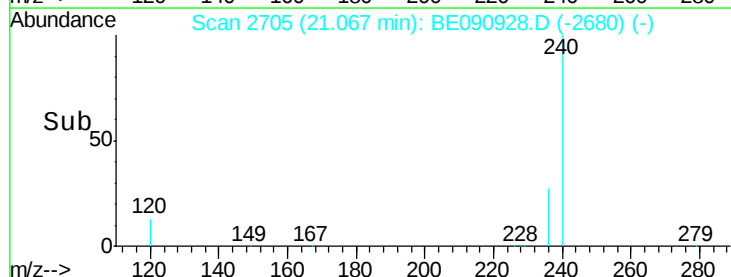
229 43.2 15.3 22.9#

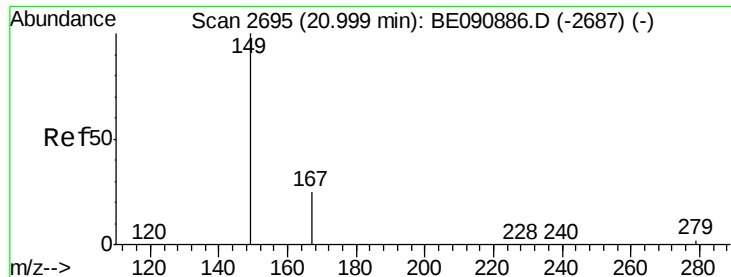


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

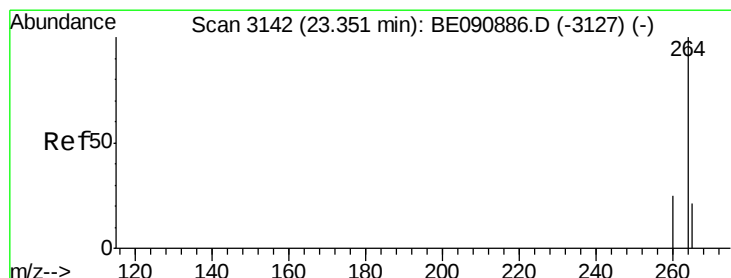
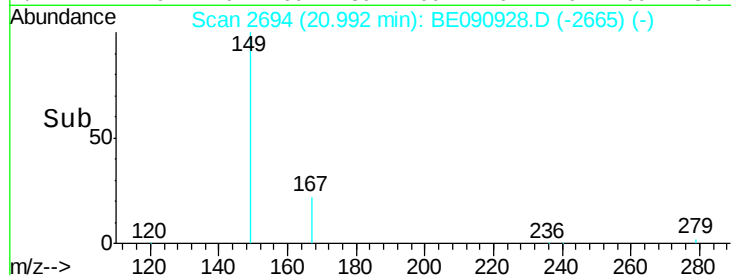
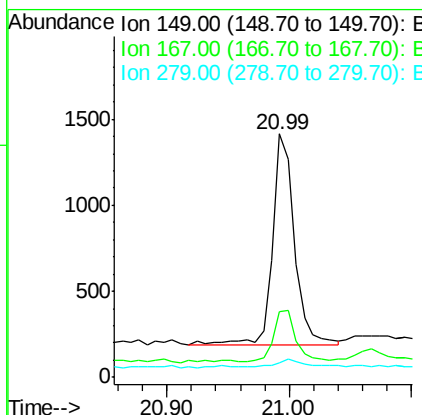
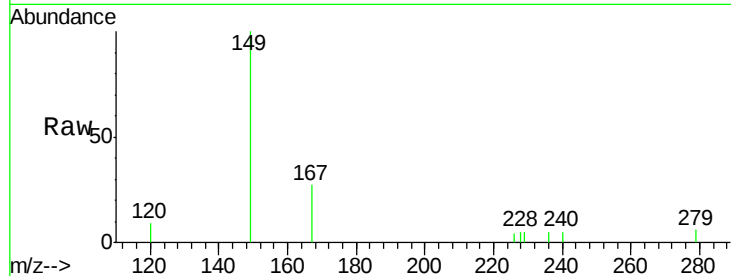




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 20.99 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

Instrument :
 BNA_E
 ClientSampleId :
 091715-D534-F-U-B

Tot Ion:149 Resp: 1538
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.1 30.1
 279 4.4 2.3 3.5#



#33
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BE090928.D
 Acq: 21 Sep 2015 21:03

Tgt Ion:264 Resp: 170573
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.7 17.5 26.3

