

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090895.D
 Acq On : 19 Sep 2015 4:27
 Operator : UM/IZ
 Sample : G3700-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

Quant Time: Sep 19 05:21:28 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 19 03:48:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27168	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	114502	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	60068	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	146035	5.00	ng	0.00
26) Chrysene-d12	21.07	240	204066	5.00	ng	0.00
33) Perylene-d12	23.35	264	206684	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	21762	3.55	ng	0.00
5) Phenol-d6	6.75	99	16626	1.96	ng	0.00
8) Nitrobenzene-d5	8.71	82	29092	3.69	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	15626	7.37	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	64639	3.80	ng	0.00
28) Terphenyl-d14	19.53	244	116169	5.03	ng	0.00

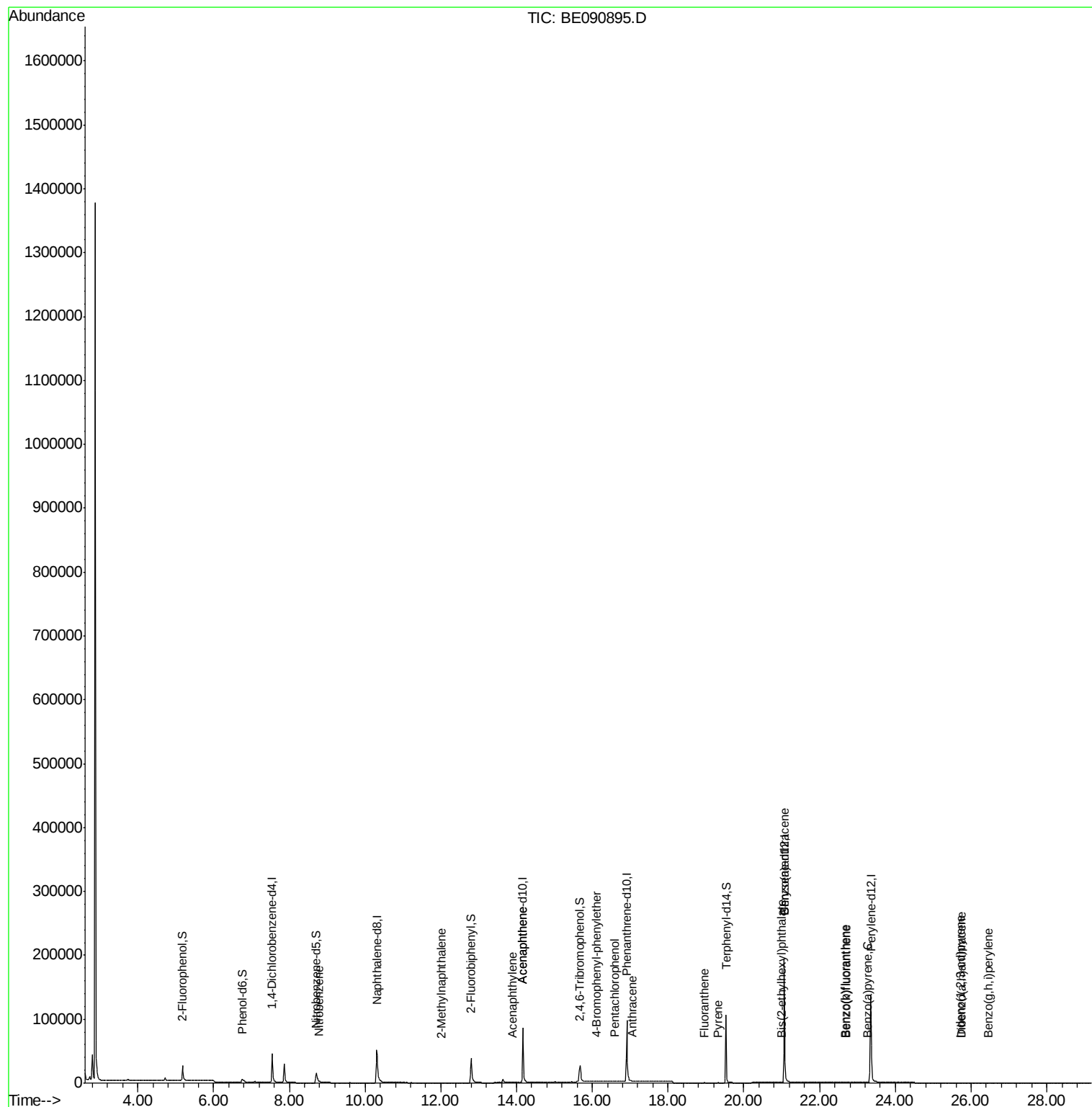
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	49	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	34	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.98	93	8	Below Cal	#	1
9) Nitrobenzene	8.78	77	5	0.00 ng	#	2
10) Naphthalene	10.35	128	220	Below Cal	#	3
11) Hexachlorobutadiene	10.67	225	2	Below Cal	#	1
12) 2-Methylnaphthalene	12.00	142	56	0.00 ng	#	60
16) Acenaphthylene	13.89	152	165	0.00 ng	#	92
17) Acenaphthene	14.16	154	316	0.02 ng	#	1
18) Fluorene	15.22	166	81	Below Cal	#	58
20) 4-Bromophenyl-phenylether	16.11	248	14	0.00 ng	#	1
21) Hexachlorobenzene	16.18	284	96	Below Cal	#	4
22) Pentachlorophenol	16.60	266	31	0.19 ng	#	58
23) Phenanthrene	16.95	178	456	Below Cal	#	64
24) Anthracene	17.05	178	117	0.00 ng	#	60
25) Fluoranthene	18.96	202	316	0.01 ng	#	88
27) Pyrene	19.32	202	350	0.01 ng	#	94
29) Benzo(a)anthracene	21.07	228	970	0.02 ng	#	79
30) Chrysene	21.10	228	597	Below Cal	#	72
31) Bis(2-ethylhexyl)phthalate	21.00	149	951	0.21 ng	#	96
32) Indeno(1,2,3-cd)pyrene	25.73	276	128	0.00 ng	#	82
34) Benzo(b)fluoranthene	22.67	252	397	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.71	252	314	0.01 ng	#	1
36) Benzo(a)pyrene	23.25	252	306	0.01 ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	98	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.45	276	263	0.01 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# 726

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

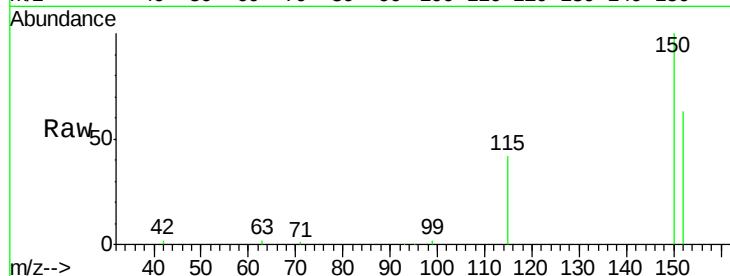
Tot Ion:152 Resp: 27168

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

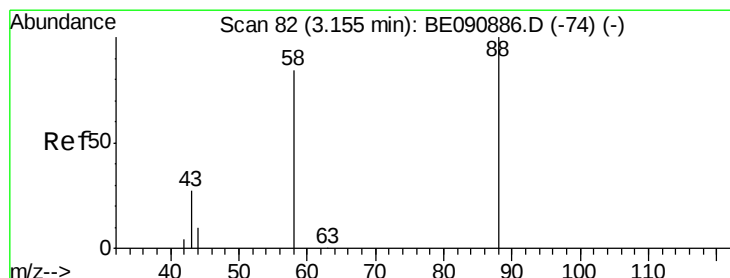
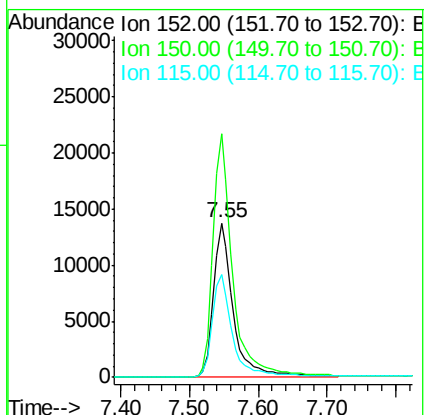
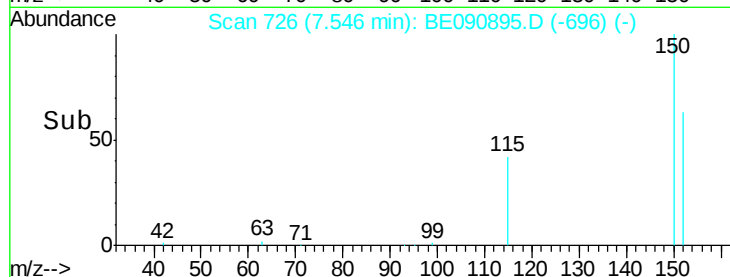
115 66.6 51.0 76.4



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: 3.15 min Scan# 82

Delta R.T. -0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

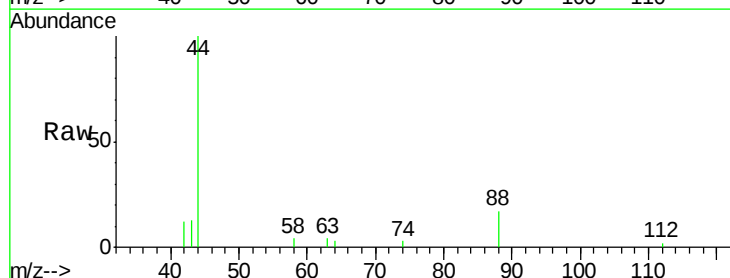
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

58 91.8 68.4 102.6

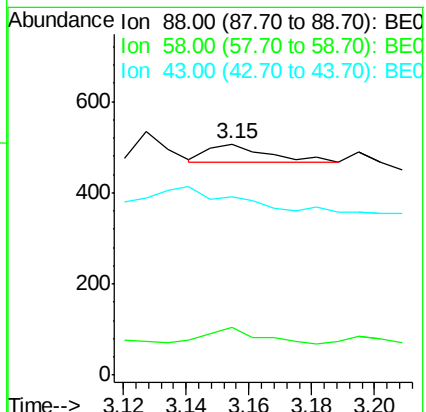
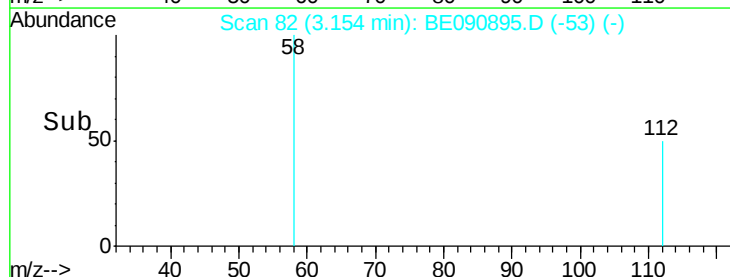
43 559.2 26.9 40.3#



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



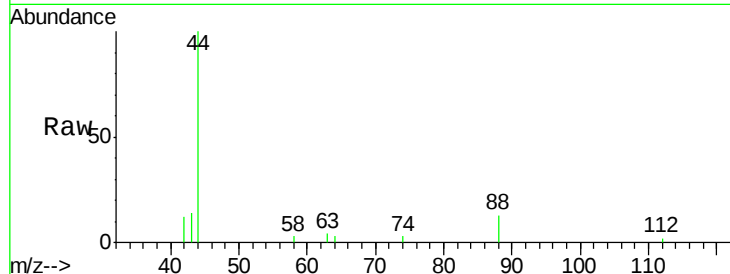


#3

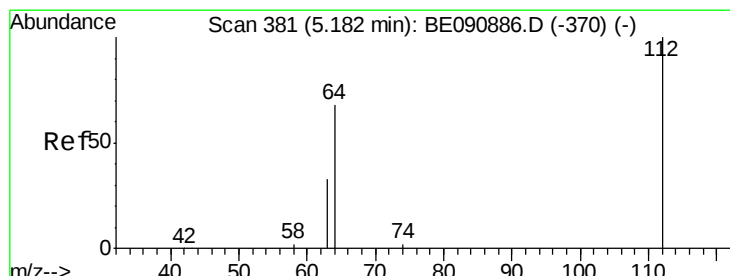
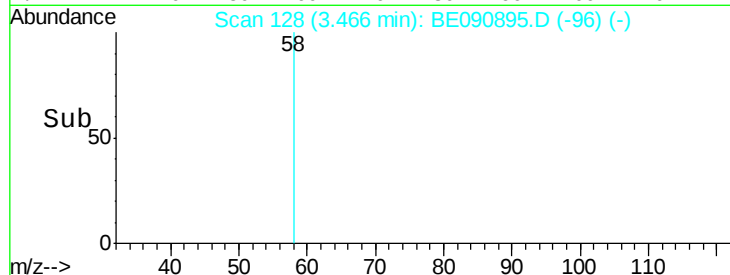
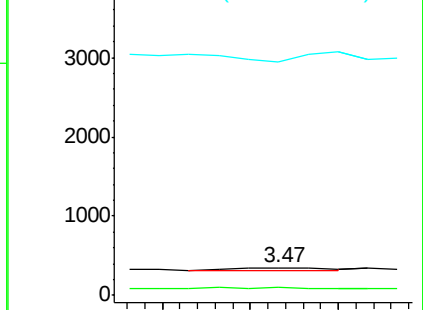
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 128
 Delta R.T. 0.02 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

Tot Ion	42	Resp	34
Ion Ratio	Lower	Upper	
42	100		
74	0.0	83.7	125.5#
44	400.0	10.0	15.0#



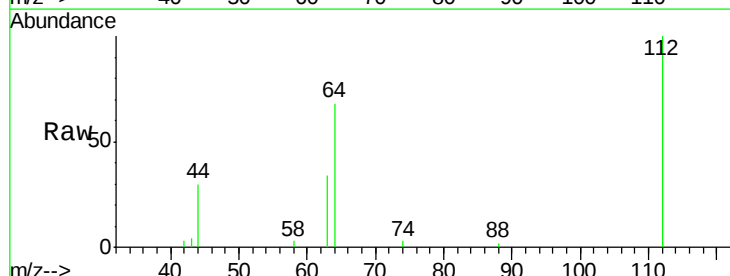
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



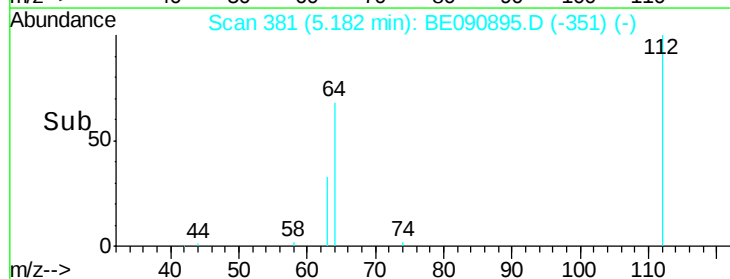
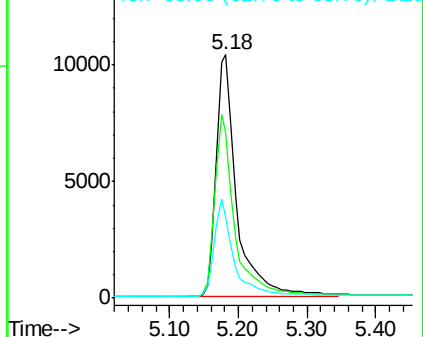
#4

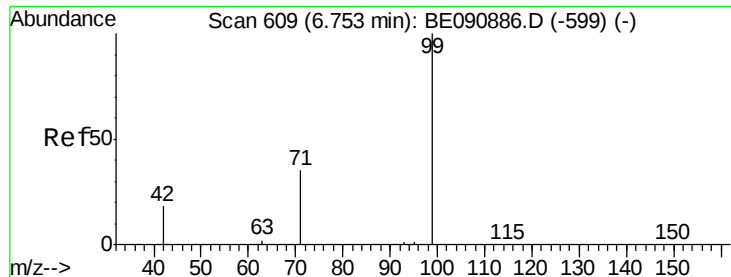
2-Fluorophenol
 Concen: 3.55 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

Tgt Ion	112	Resp	21762
Ion Ratio	Lower	Upper	
112	100		
64	72.9	57.3	85.9
63	38.1	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: 1.96 ng

RT: 6.75 min Scan# 608

Delta R.T. -0.01 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

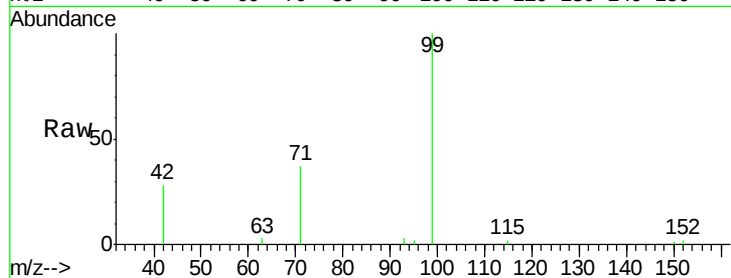
Tot Ion: 99 Resp: 16626

Ion Ratio Lower Upper

99 100

42 21.3 16.8 25.2

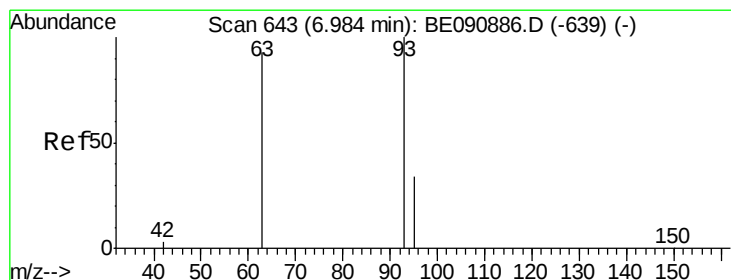
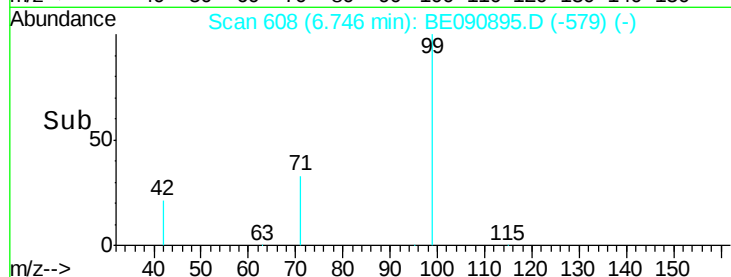
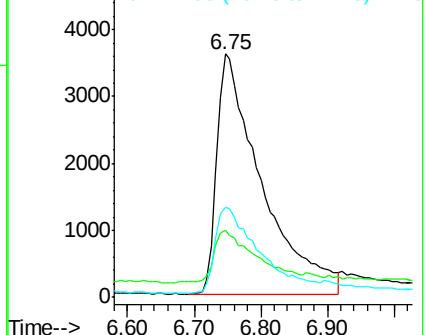
71 35.7 28.3 42.5



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

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.98 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

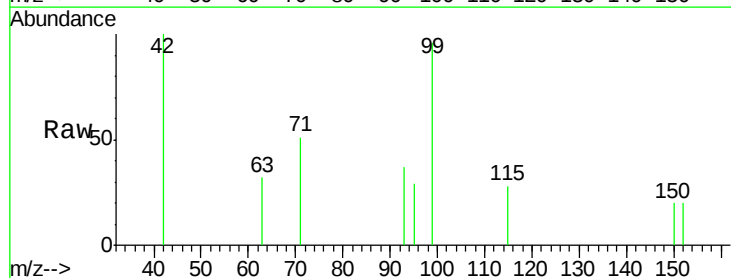
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 250.0 68.5 102.7#

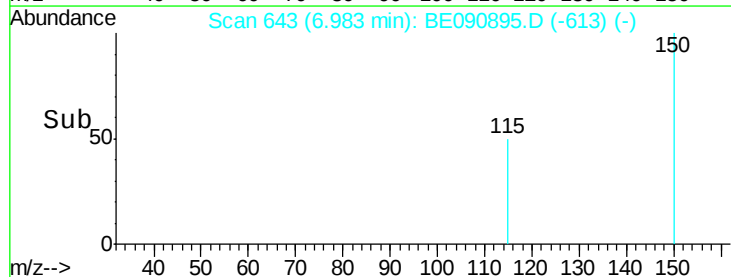
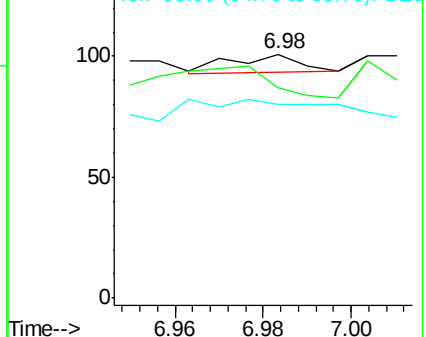
95 0.0 26.9 40.3#

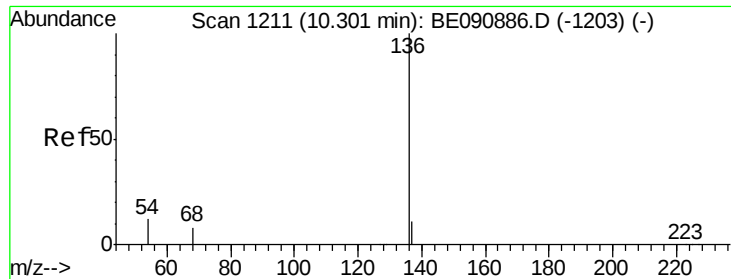


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

Tot Ion:136 Resp: 114502

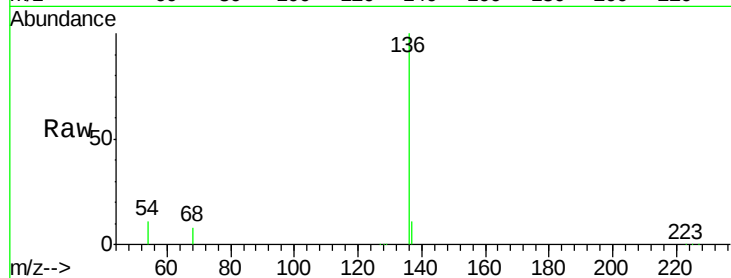
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.2 9.0 13.6

68 8.4 6.3 9.5

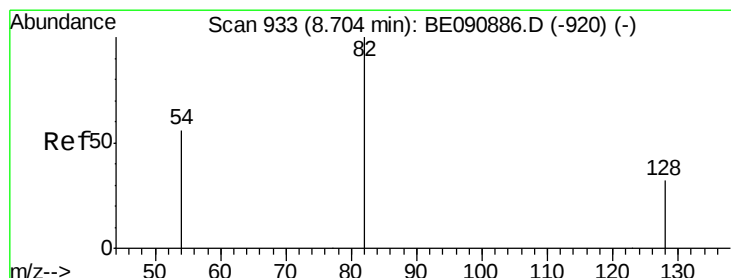
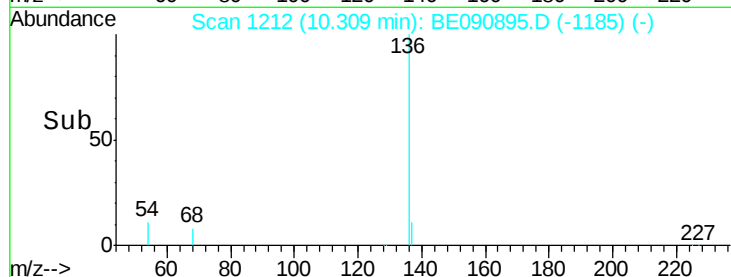
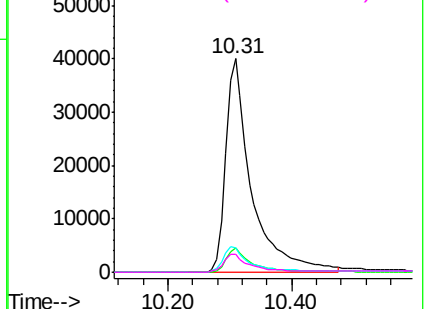


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.01 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

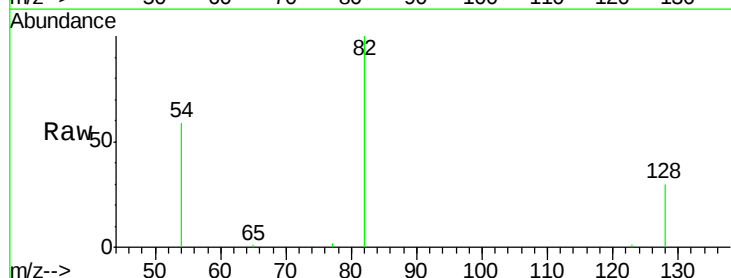
Tgt Ion: 82 Resp: 29092

Ion Ratio Lower Upper

82 100

128 30.3 25.0 37.4

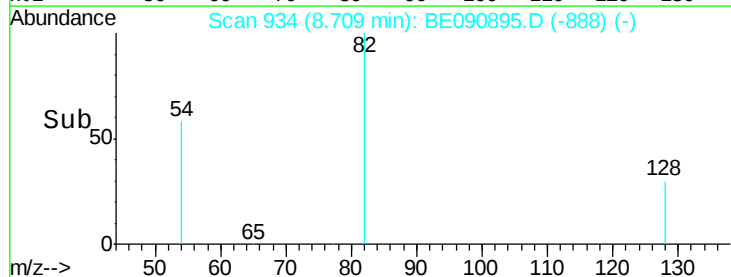
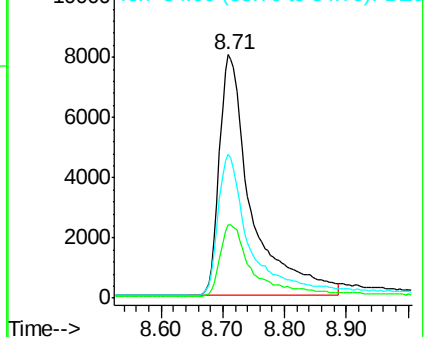
54 59.0 46.3 69.5

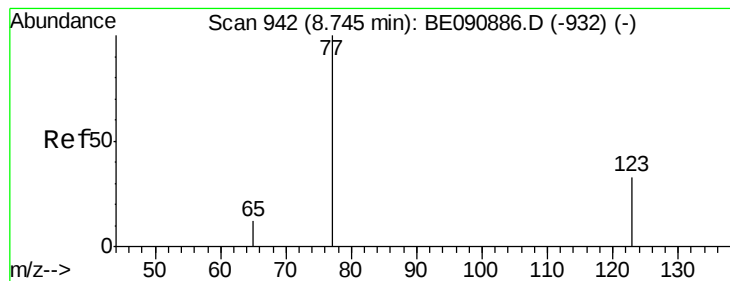


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.00 ng

RT: 8.78 min Scan# 950

Delta R.T. 0.04 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

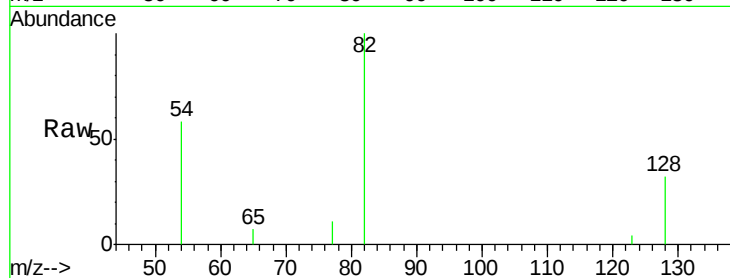
Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

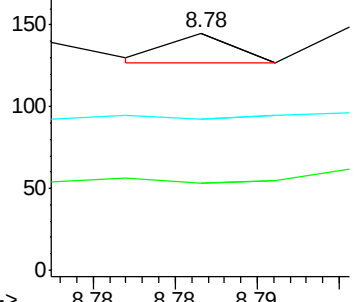
Tot Ion:	77	Resp:	5
Ion	Ratio	Lower	Upper
77	100		
123	100.0	25.1	37.7#
65	0.0	9.9	14.9#



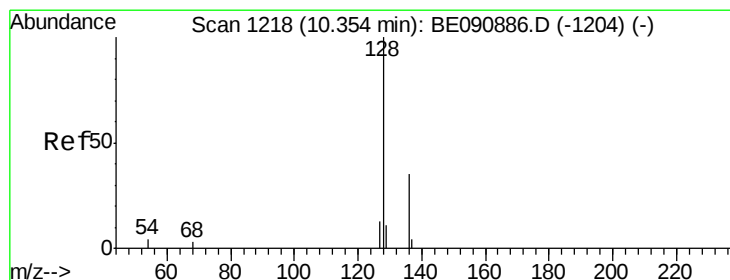
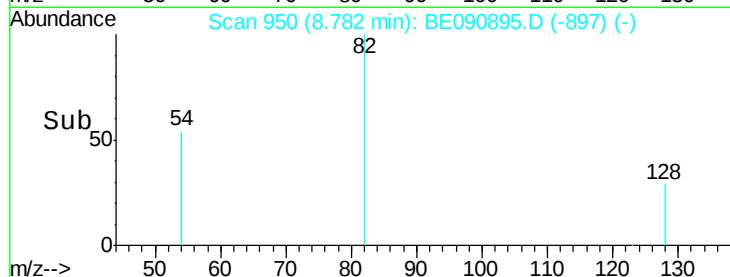
Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090886.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090886.D (-932) (-)



Time-->



#10

Naphthalene

Concen: Below Cal

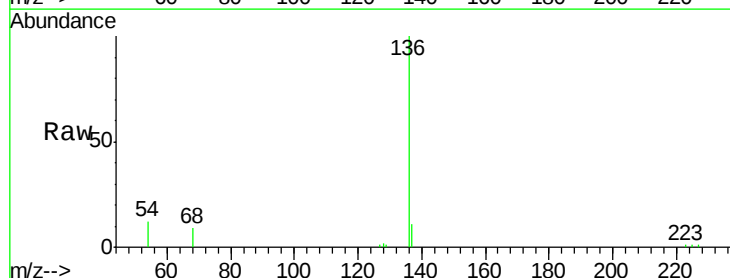
RT: 10.35 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

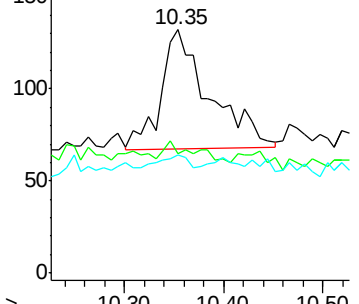
Tgt Ion:	128	Resp:	220
Ion	Ratio	Lower	Upper
128	100		
129	49.2	8.4	12.6#
127	48.5	9.9	14.9#



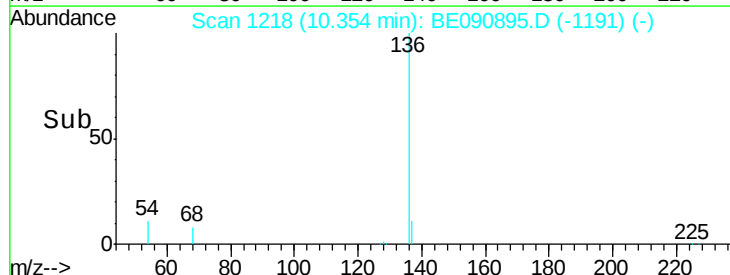
Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

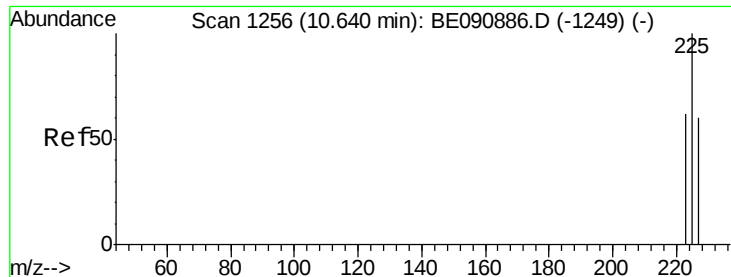
Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090886.D (-1204) (-)



Time-->

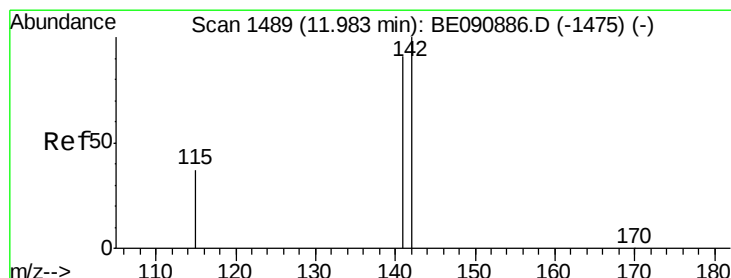
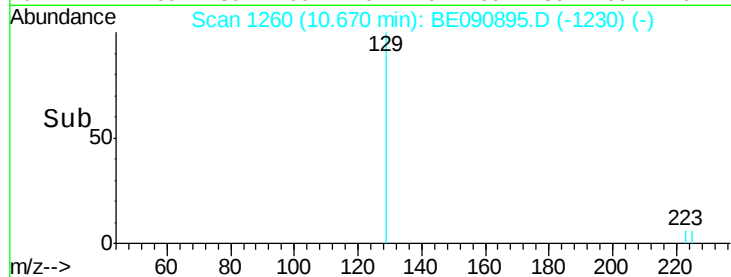
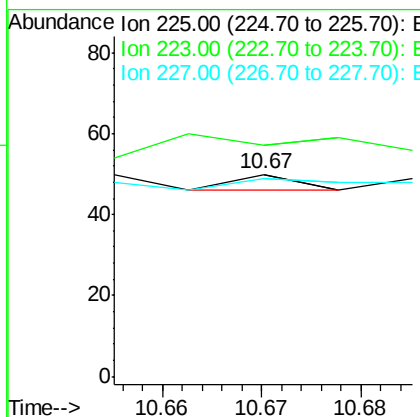
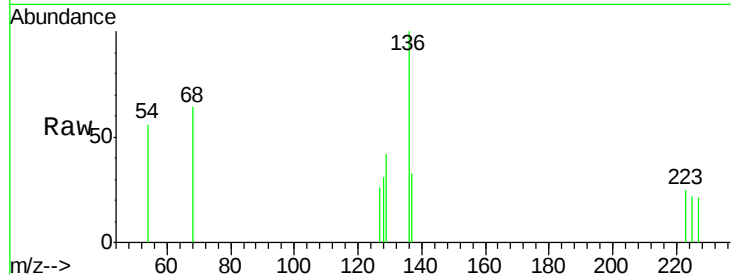




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.67 min Scan# 1260
Delta R.T. 0.03 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

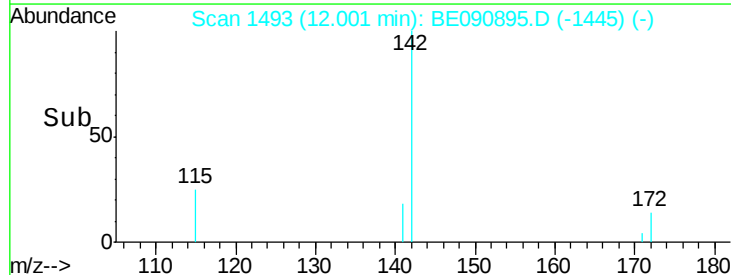
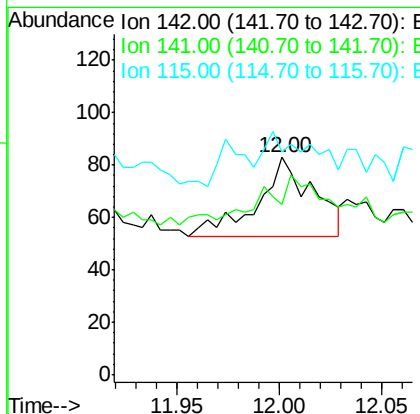
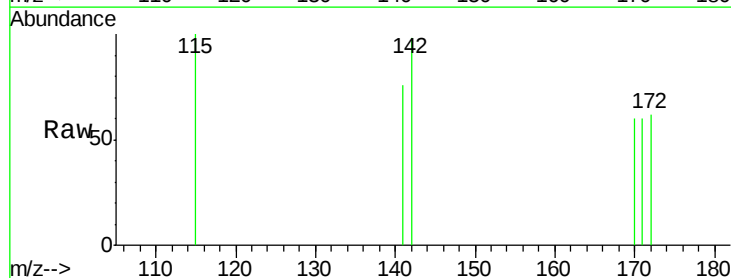
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-S

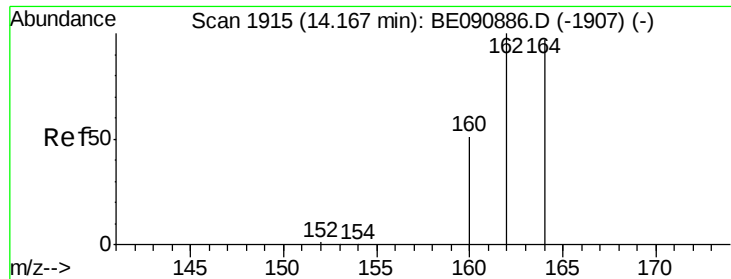
Tot Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 950.0 50.6 76.0#
227 300.0 51.0 76.6#



#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
141 78.3 71.4 107.2
115 102.4 31.0 46.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

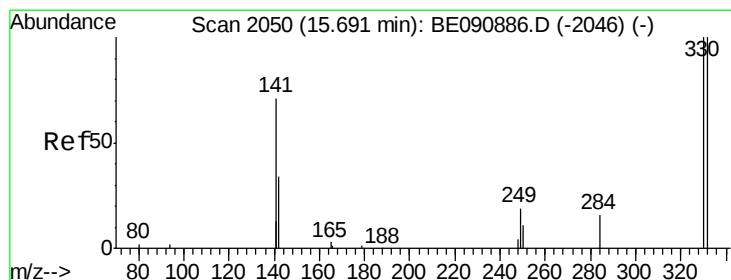
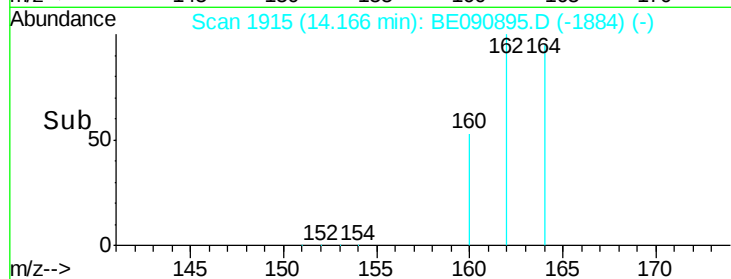
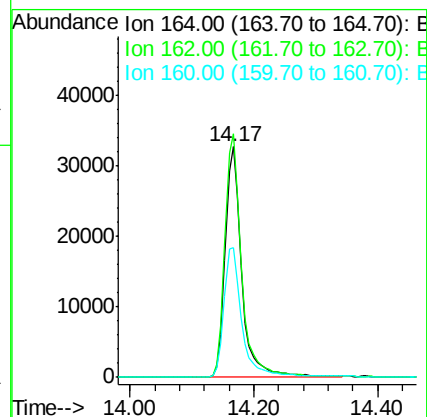
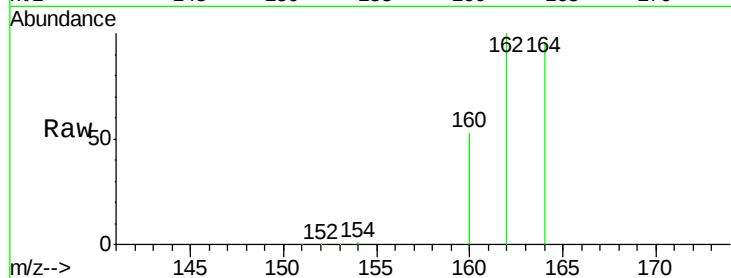
Tot Ion:164 Resp: 60068

Ion Ratio Lower Upper

164 100

162 105.6 86.8 130.2

160 56.0 53.9 80.9



#14

2,4,6-Tribromophenol

Concen: 7.37 ng

RT: 15.68 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

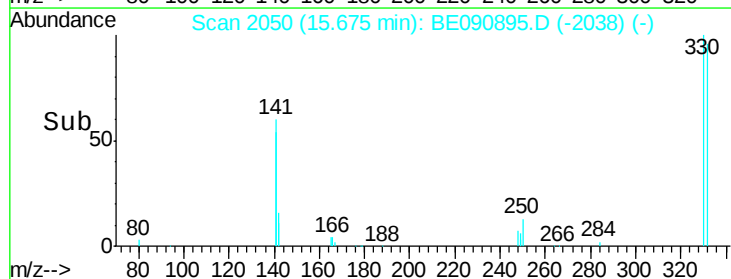
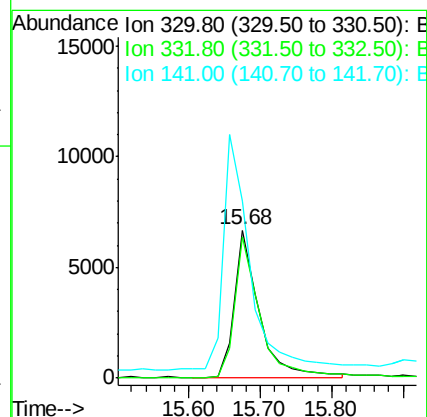
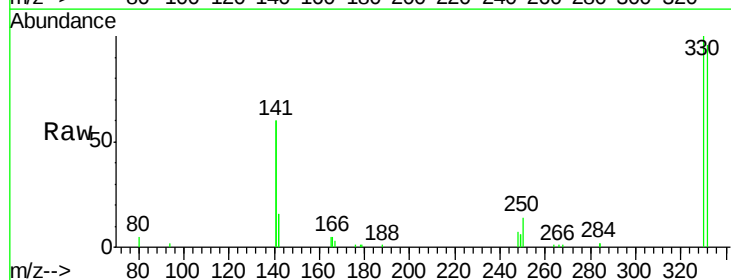
Tgt Ion:330 Resp: 15626

Ion Ratio Lower Upper

330 100

332 97.4 74.9 112.3

141 176.5 145.2 217.8

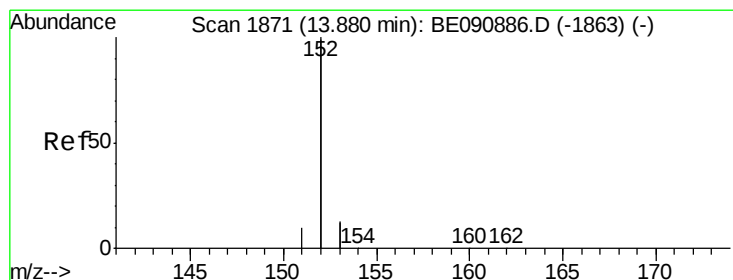
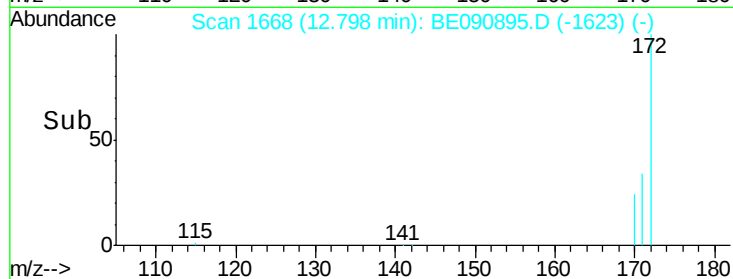
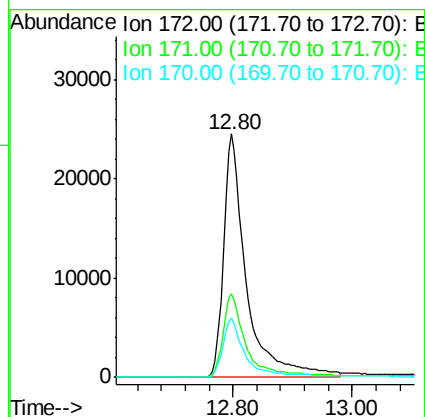
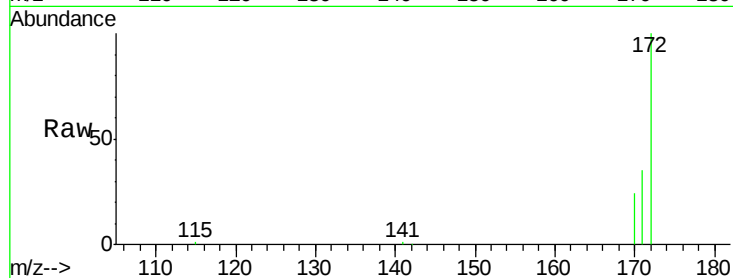




#15
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 12.80 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

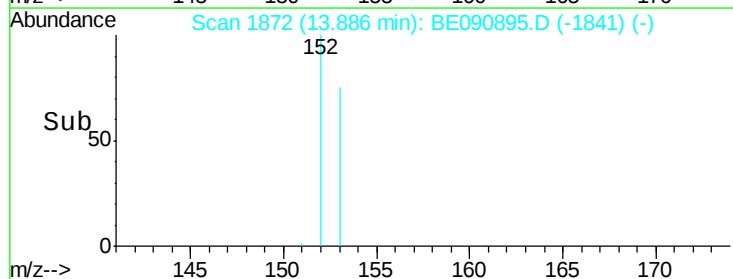
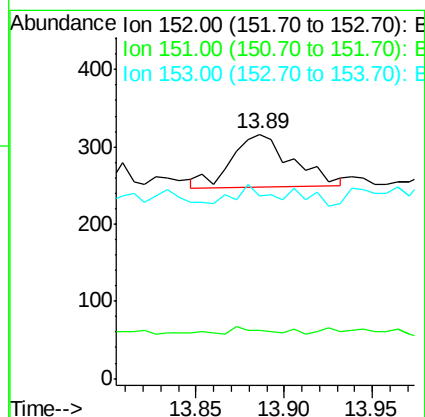
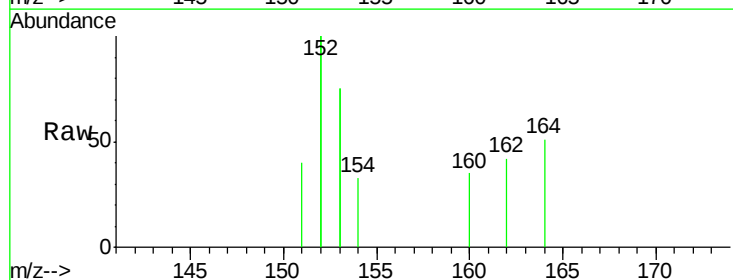
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-S

Tot Ion:172 Resp: 64639
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.3 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

Tgt Ion:152 Resp: 165
Ion Ratio Lower Upper
152 100
151 3.6 3.9 5.9#
153 17.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.02 ng

RT: 14.16 min Scan# 1914

Delta R.T. -0.07 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

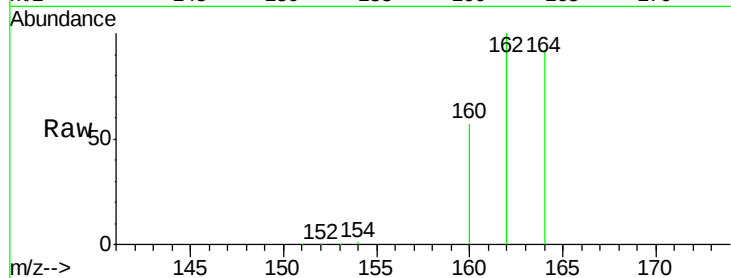
Tot Ion:154 Resp: 316

Ion Ratio Lower Upper

154 100

153 44.6 354.5 531.7#

152 35.4 227.8 341.6#



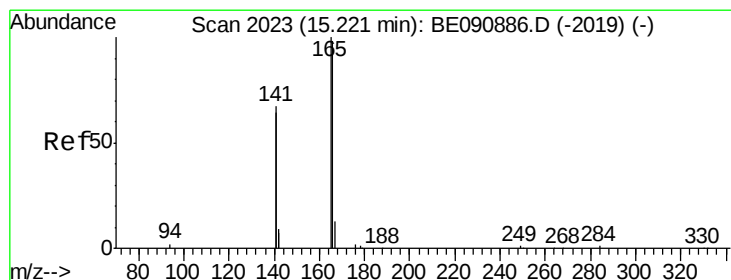
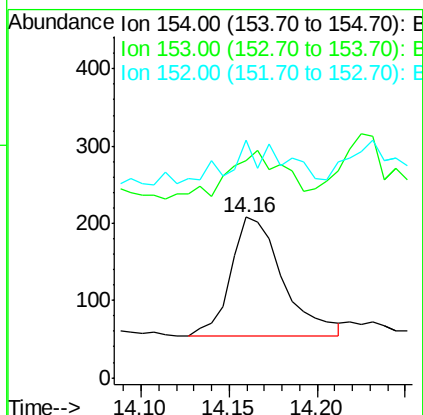
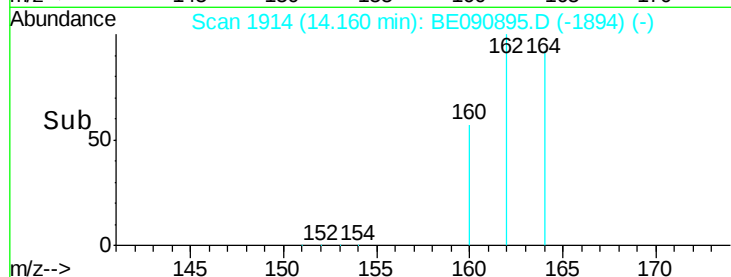
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.16

Time-->



#18

Fluorene

Concen: Below Cal

RT: 15.22 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

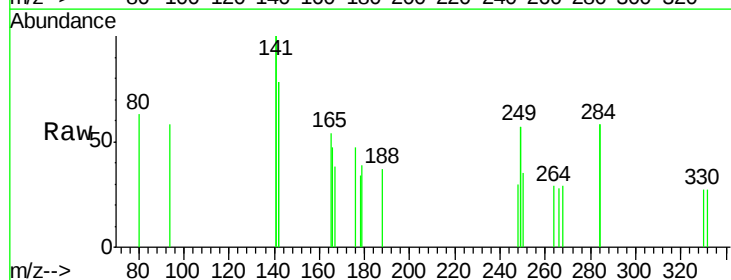
Tgt Ion:166 Resp: 81

Ion Ratio Lower Upper

166 100

165 59.3 82.7 124.1#

167 0.0 10.7 16.1#



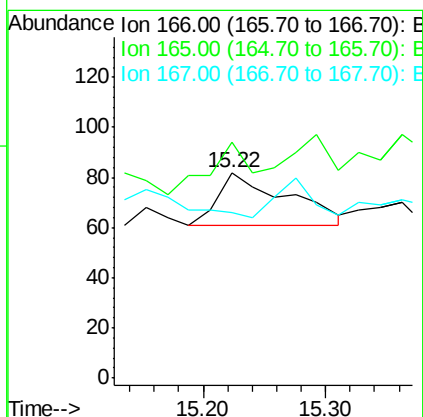
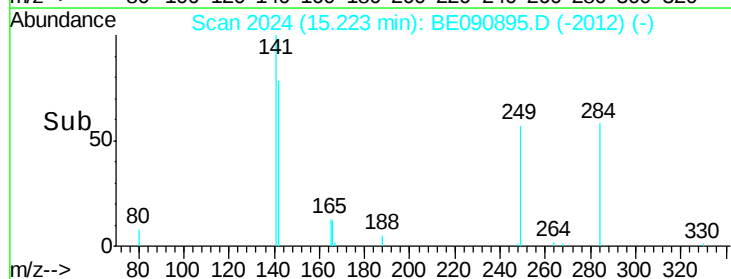
Abundance Ion 166.00 (165.70 to 166.70): E

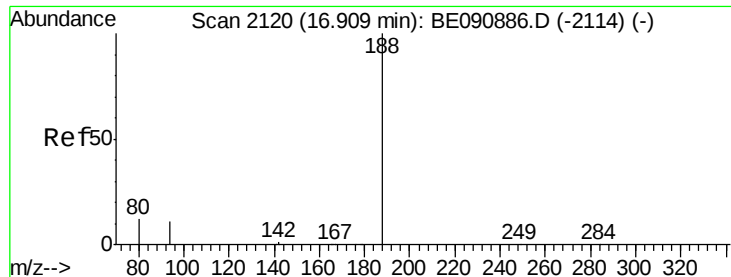
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.22

Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

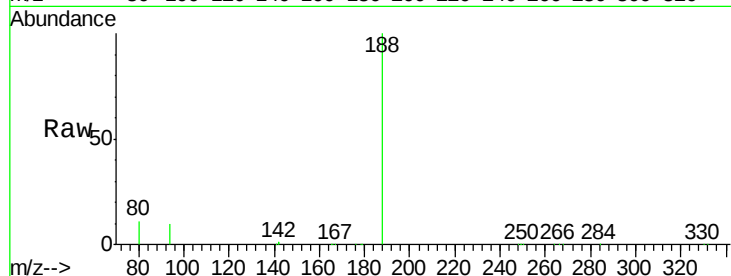
Tot Ion:188 Resp: 146035

Ion Ratio Lower Upper

188 100

94 10.1 10.3 15.5#

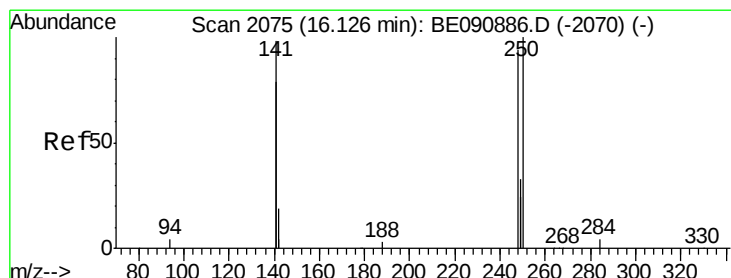
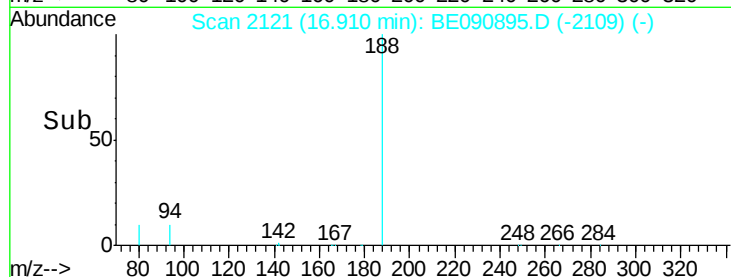
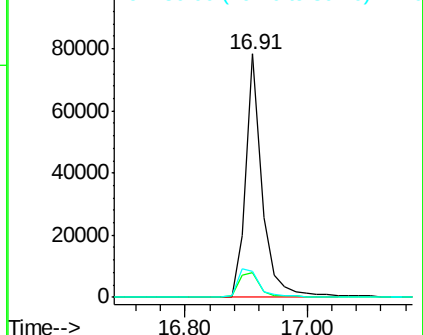
80 10.6 11.0 16.6#



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

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.11 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

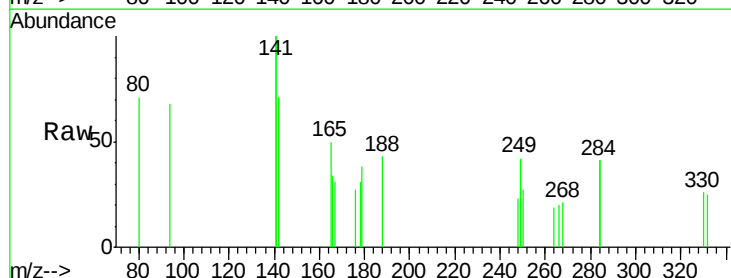
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

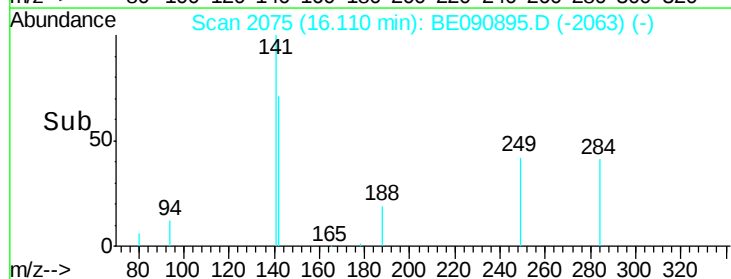
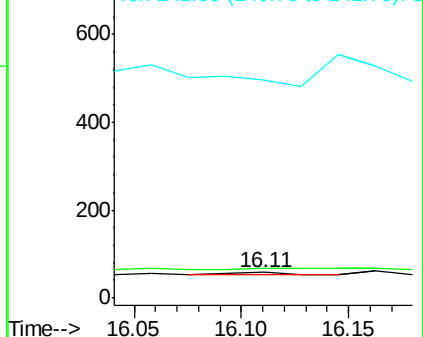
141 0.0 292.6 439.0#

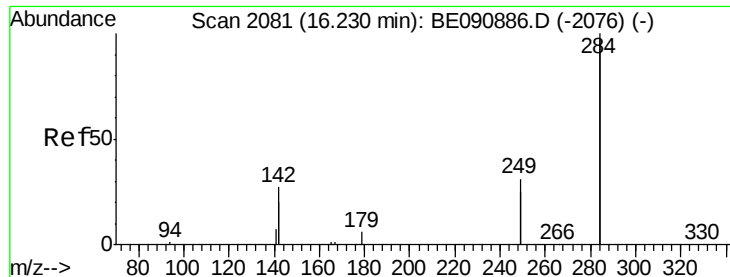


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.18 min Scan# 2079

Delta R.T. -0.05 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

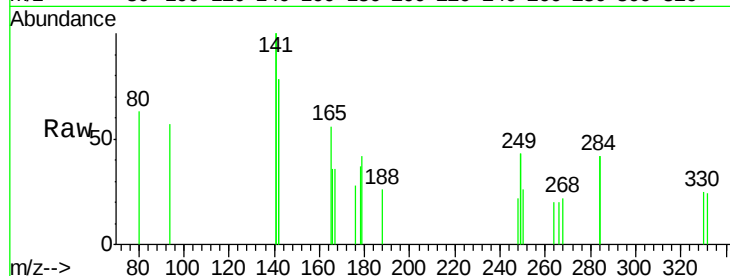
Tot Ion:284 Resp: 96

Ion Ratio Lower Upper

284 100

142 124.0 35.0 52.4#

249 0.0 25.5 38.3#

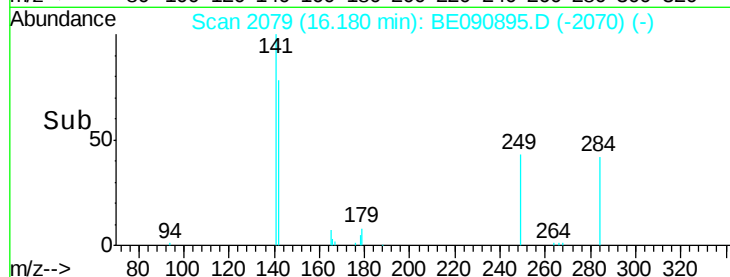


Abundance Ion 283.80 (283.50 to 284.50): E

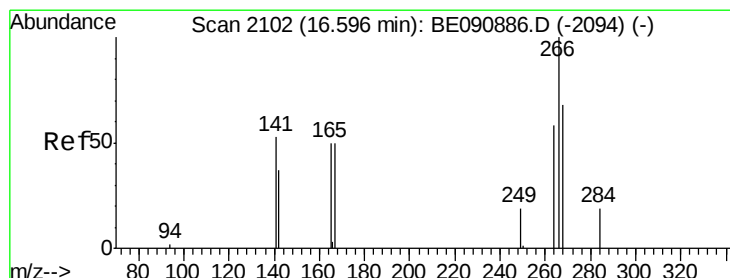
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.60 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

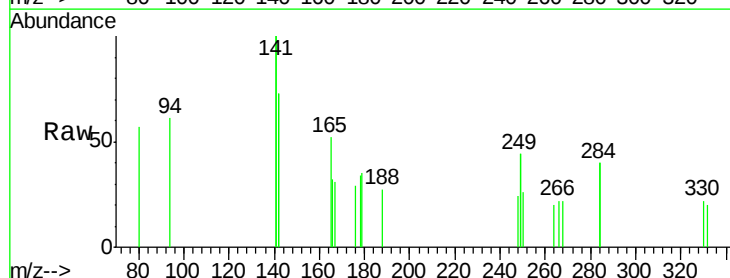
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

268 101.9 49.6 74.4#

264 94.4 53.9 80.9#

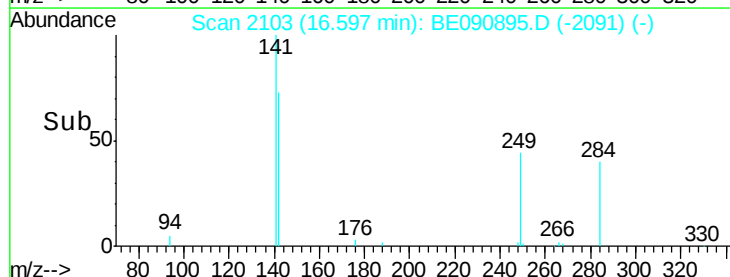


Abundance Ion 265.70 (265.40 to 266.40): E

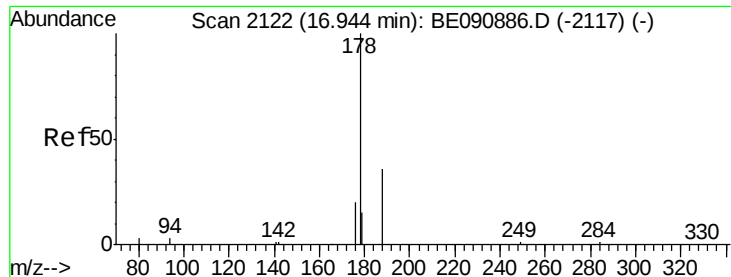
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#23

Phenanthrene

Concen: Below Cal

RT: 16.95 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

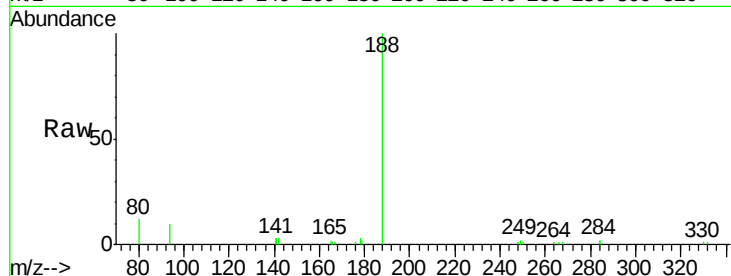
Tot Ion:178 Resp: 456

Ion Ratio Lower Upper

178 100

176 34.9 15.6 23.4#

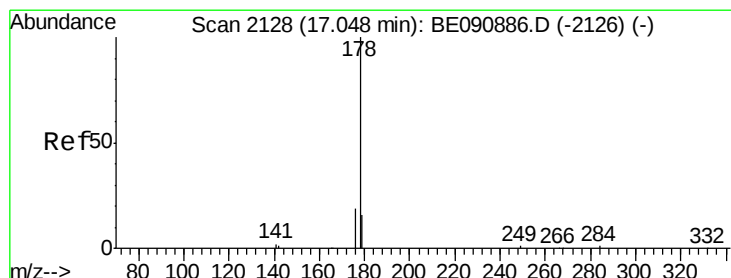
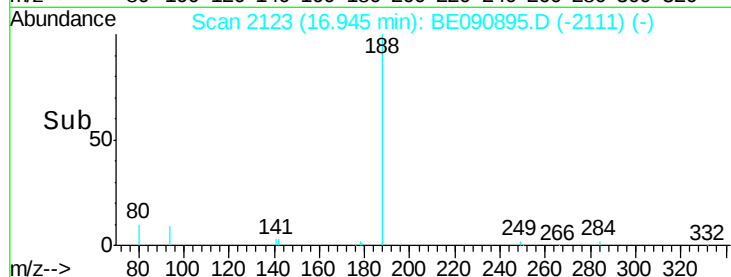
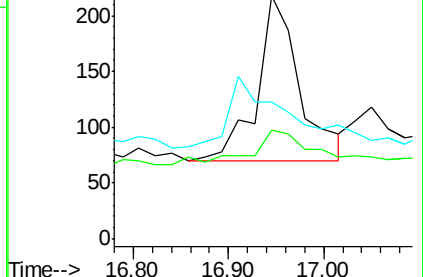
179 0.0 12.8 19.2#



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



#24

Anthracene

Concen: 0.00 ng

RT: 17.05 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

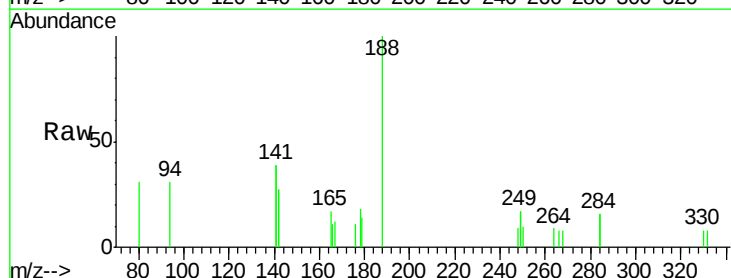
Tgt Ion:178 Resp: 117

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.6#

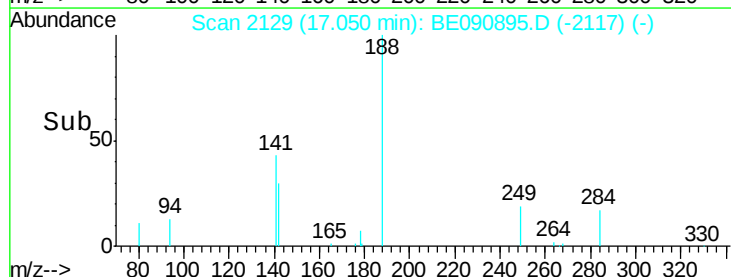
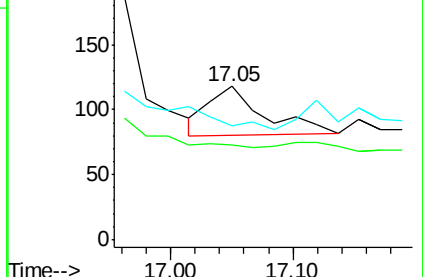
179 0.0 12.3 18.5#

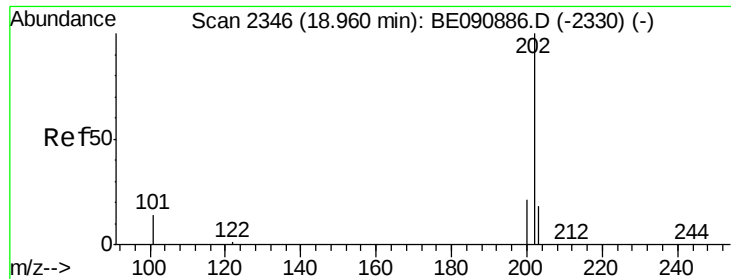


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 18.96 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

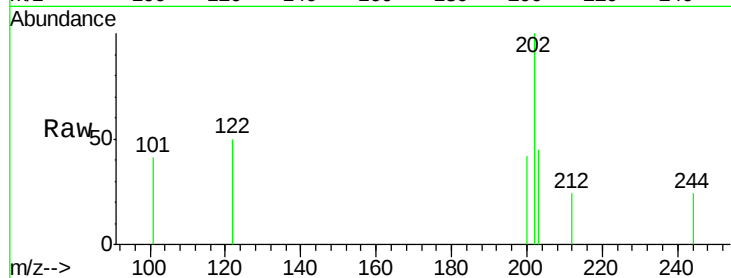
Tot Ion:202 Resp: 316

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.6#

203 23.1 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

18.96

250

200

150

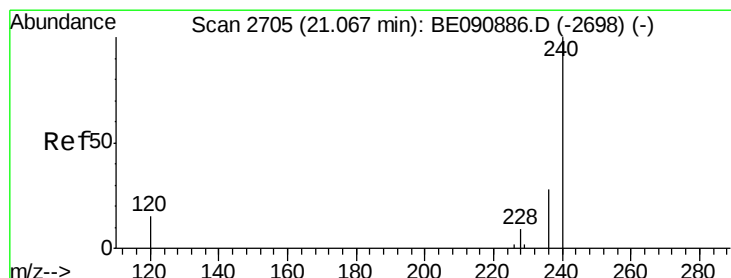
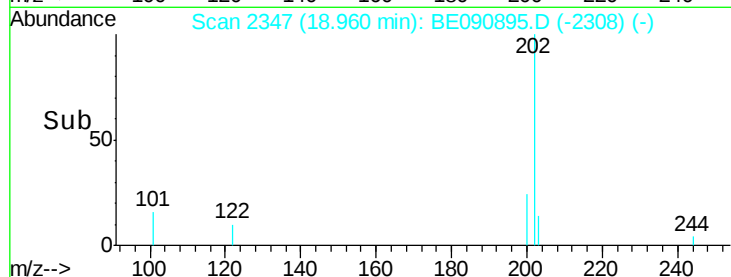
100

50

0

18.90 18.95 19.00

Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

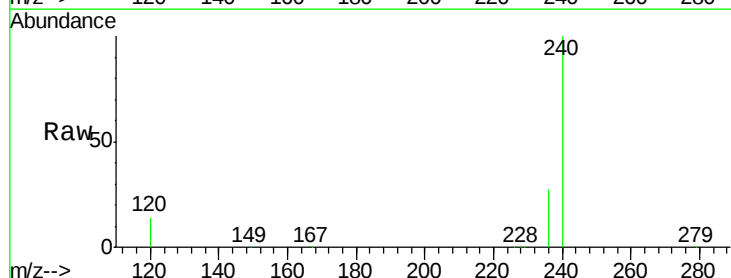
Tgt Ion:240 Resp: 204066

Ion Ratio Lower Upper

240 100

120 14.1 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

21.07

150000

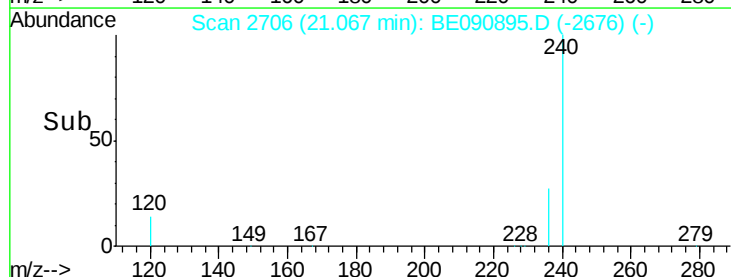
100000

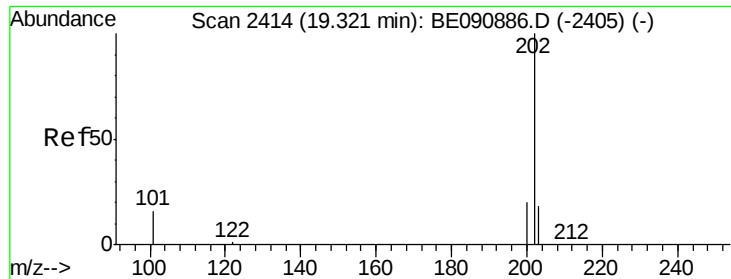
50000

0

21.00 21.10 21.20 21.30

Time-->

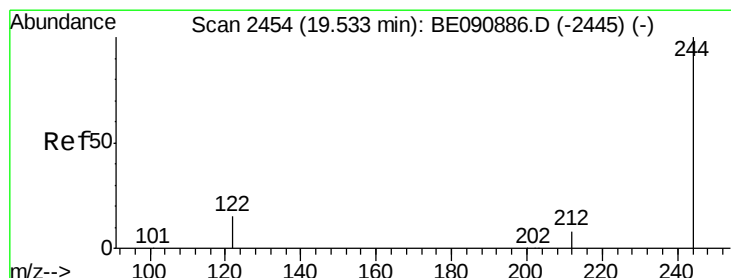
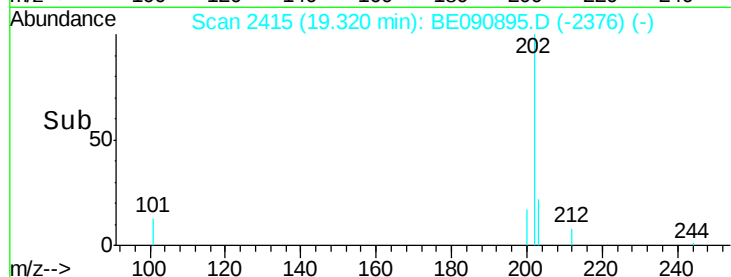
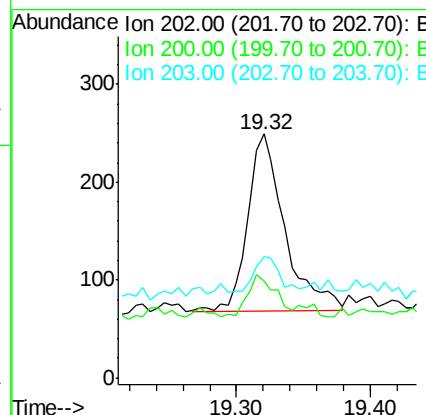
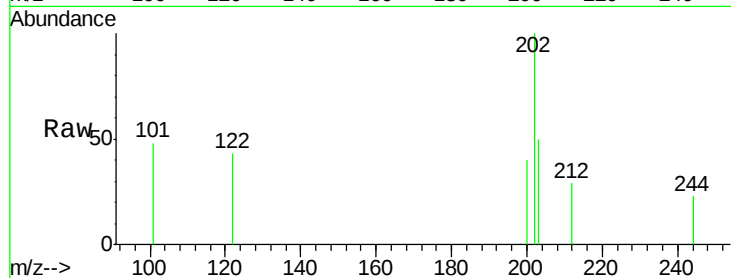




#27
Pvrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

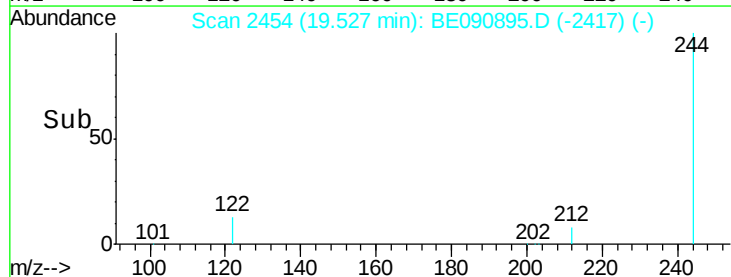
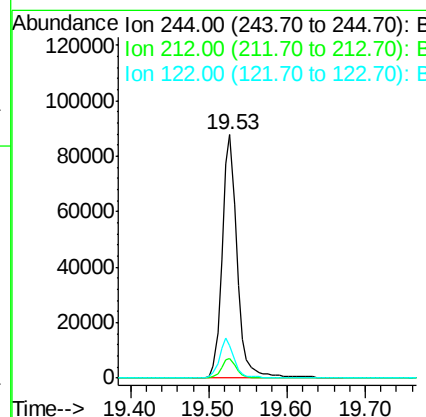
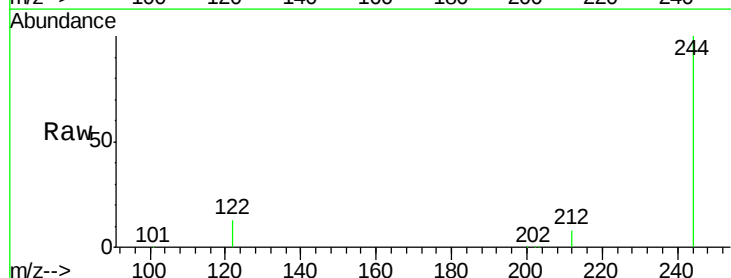
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-S

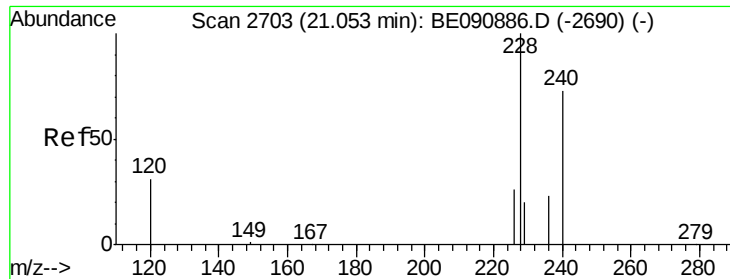
Tot Ion:202 Resp: 350
Ion Ratio Lower Upper
202 100
200 18.3 16.7 25.1
203 14.0 13.8 20.6



#28
Terphenyl-d14
Concen: 5.03 ng
RT: 19.53 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

Tgt Ion:244 Resp: 116169
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 13.1 12.9 19.3





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.01 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

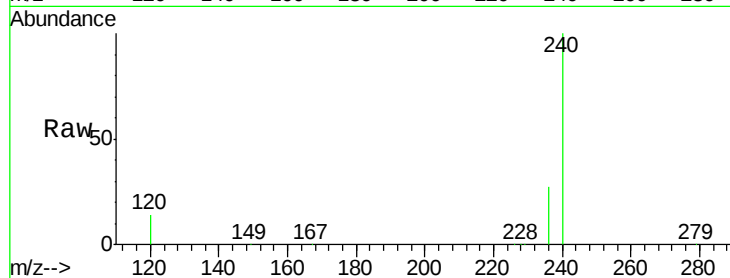
Tot Ion:228 Resp: 970

Ion Ratio Lower Upper

228 100

226 22.3 21.6 32.4

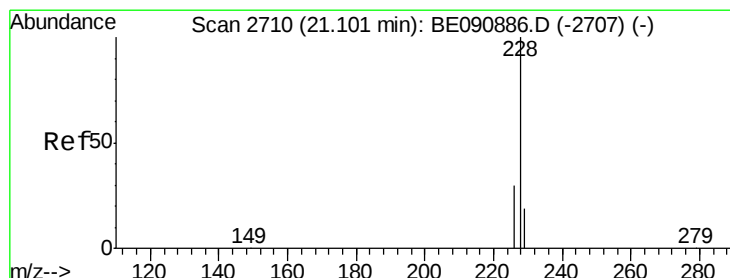
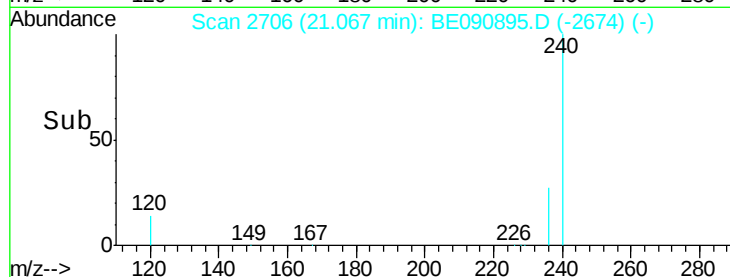
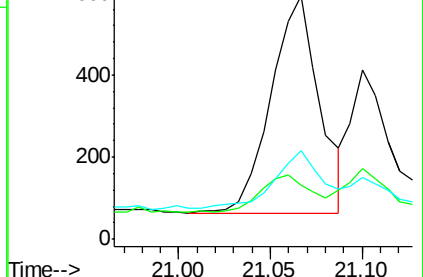
229 36.4 15.9 23.9#



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

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

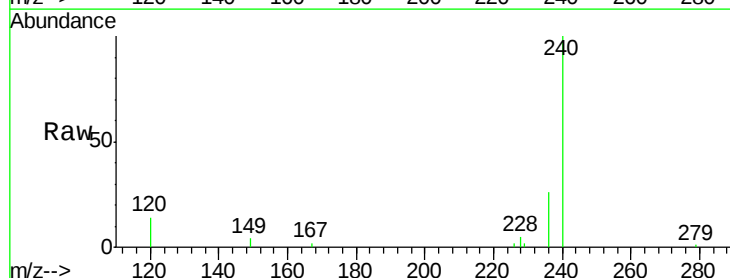
Tgt Ion:228 Resp: 597

Ion Ratio Lower Upper

228 100

226 41.8 24.2 36.4#

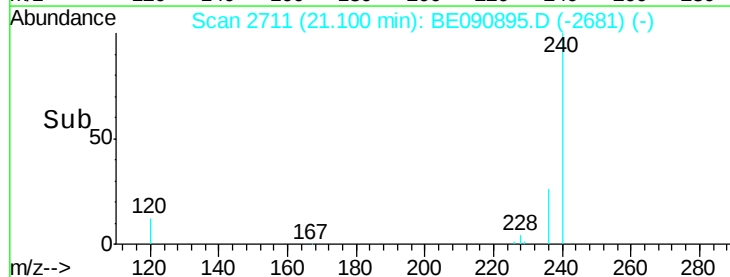
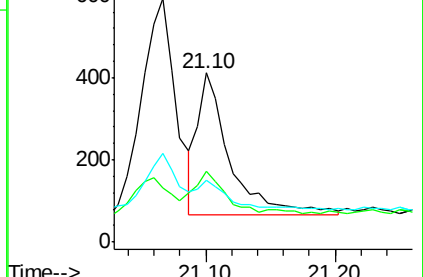
229 37.0 15.3 22.9#

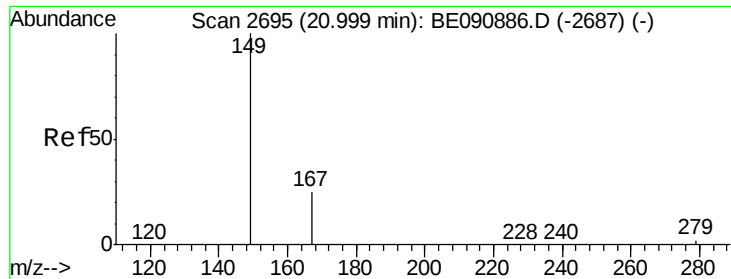


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

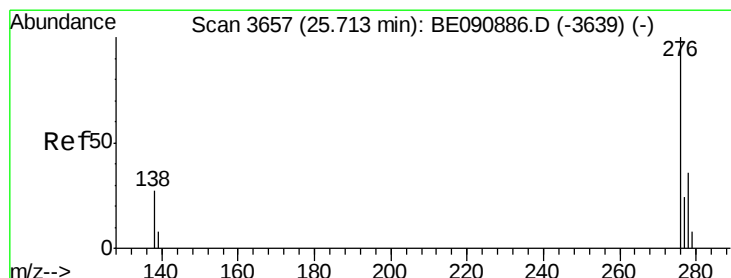
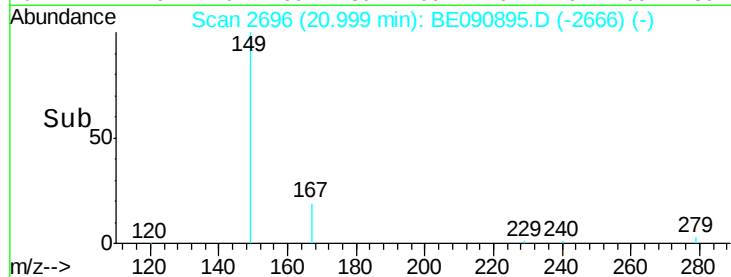
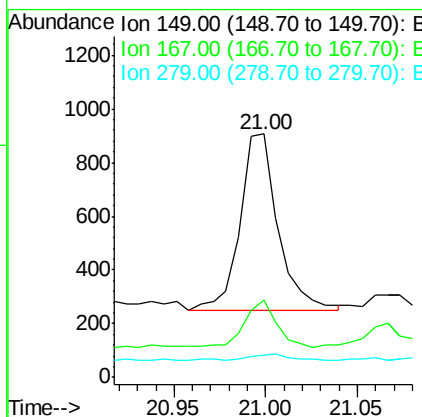
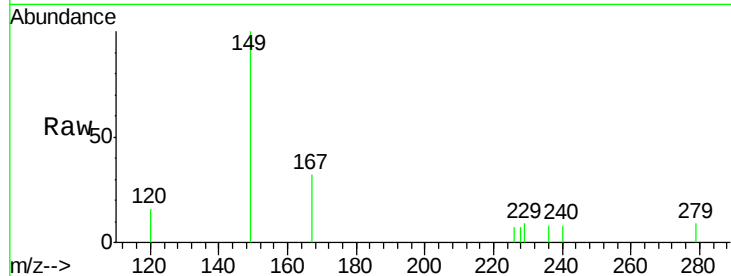




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.00 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

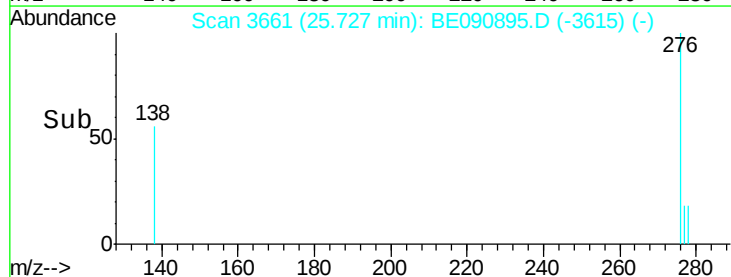
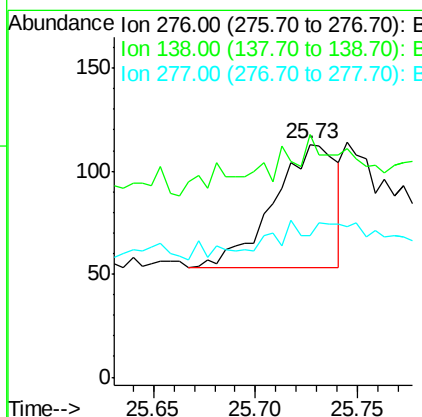
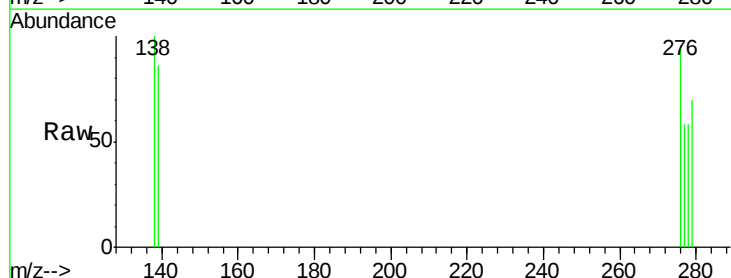
Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

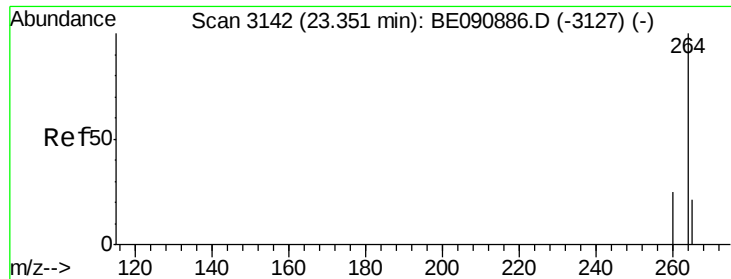
Tot Ion:149 Resp: 951
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.1 30.1
 279 4.1 2.3 3.5#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.73 min Scan# 3661
 Delta R.T. 0.01 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

Tgt Ion:276 Resp: 128
 Ion Ratio Lower Upper
 276 100
 138 17.2 23.3 34.9#
 277 31.3 19.8 29.6#

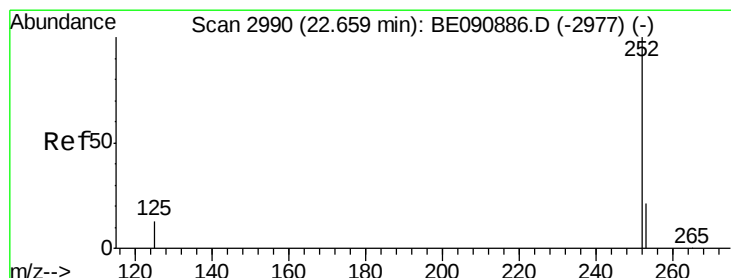
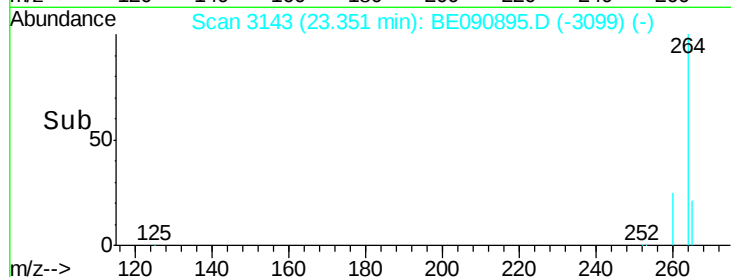
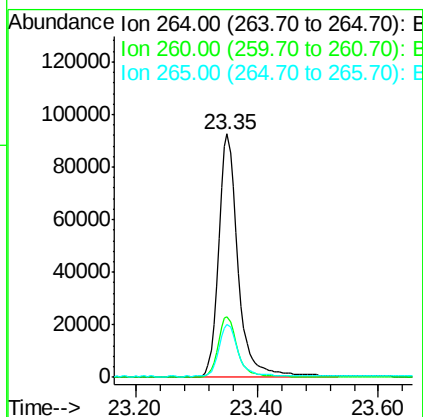
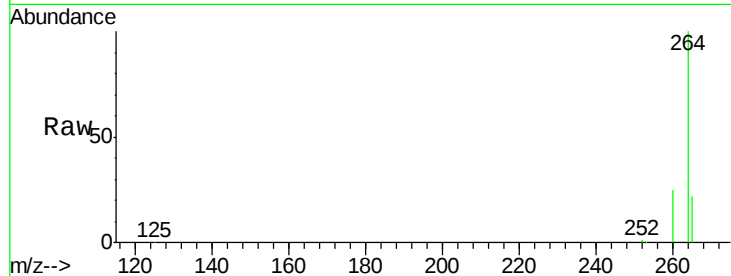




#33
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

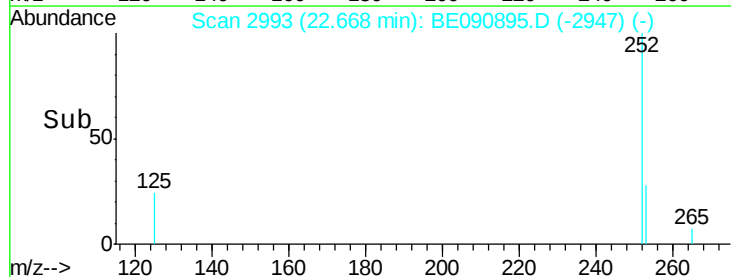
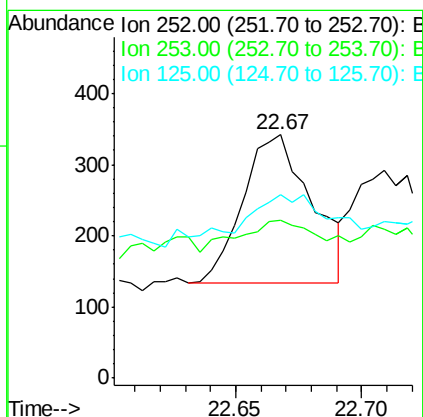
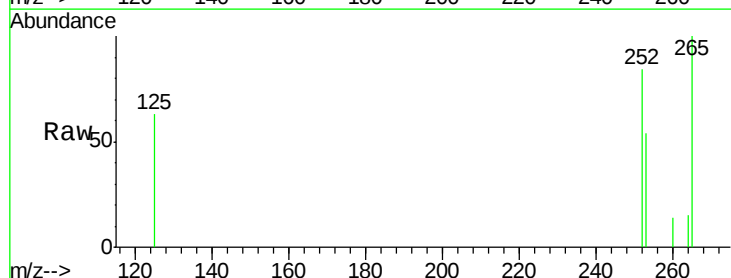
Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

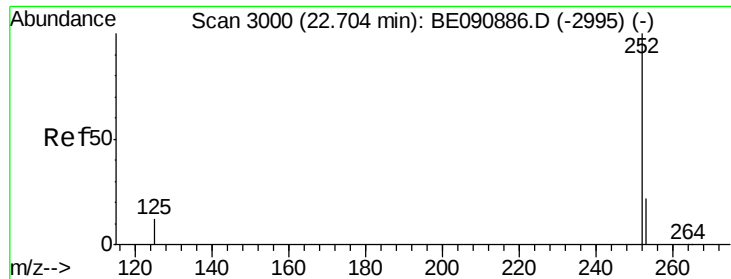
Tot Ion:264 Resp: 206684
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 21.8 17.5 26.3



#34
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.67 min Scan# 2993
 Delta R.T. 0.01 min
 Lab File: BE090895.D
 Acq: 19 Sep 2015 4:27

Tgt Ion:252 Resp: 397
 Ion Ratio Lower Upper
 252 100
 253 64.9 17.9 26.9#
 125 75.4 10.6 16.0#





#35

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.71 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

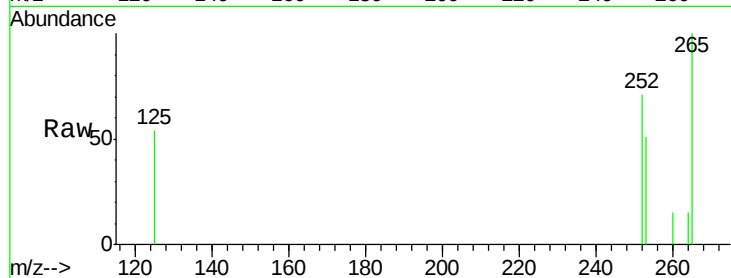
Tot Ion:252 Resp: 314

Ion Ratio Lower Upper

252 100

253 71.9 17.9 26.9#

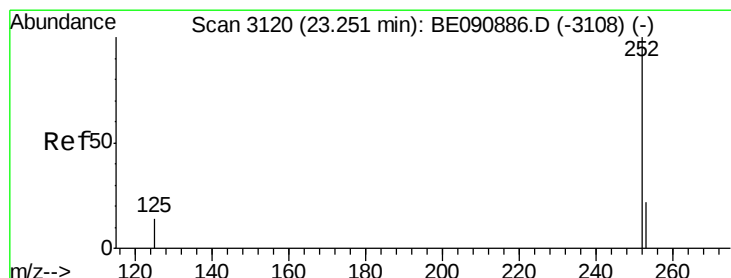
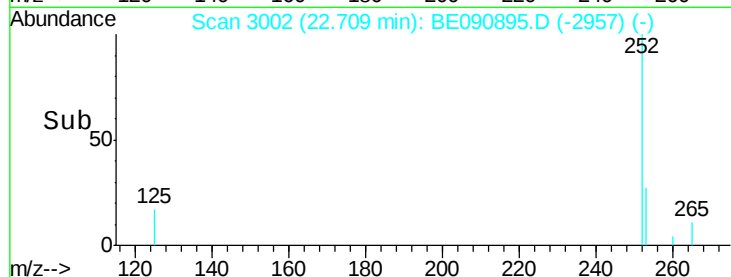
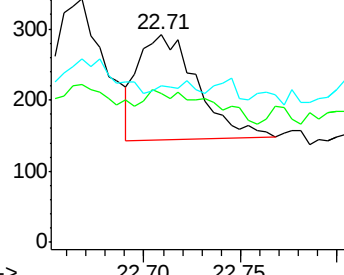
125 75.3 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.25 min Scan# 3121

Delta R.T. -0.00 min

Lab File: BE090895.D

Acq: 19 Sep 2015 4:27

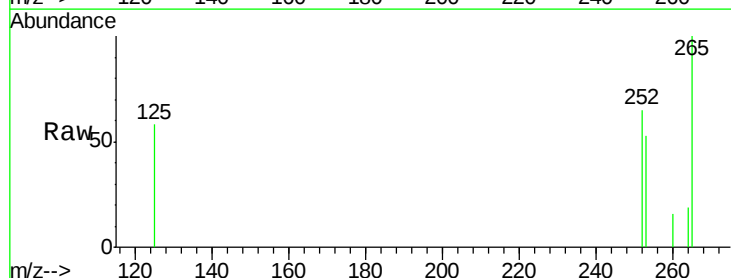
Tgt Ion:252 Resp: 306

Ion Ratio Lower Upper

252 100

253 81.7 17.2 25.8#

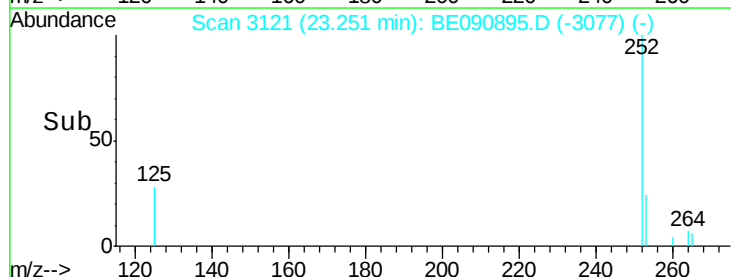
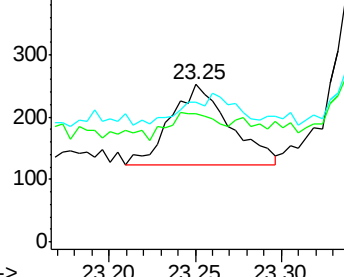
125 89.3 18.0 27.0#

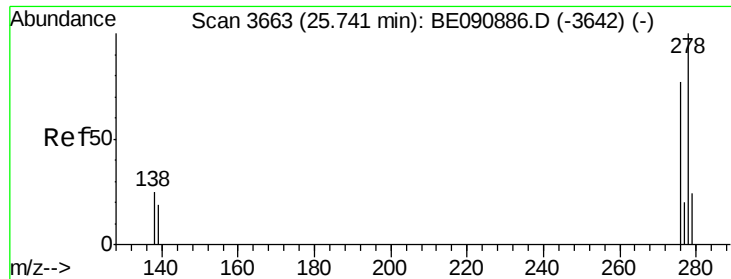


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

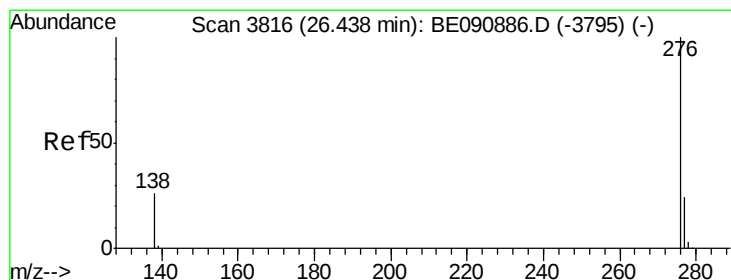
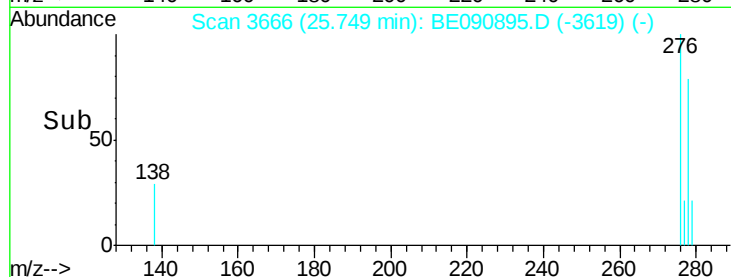
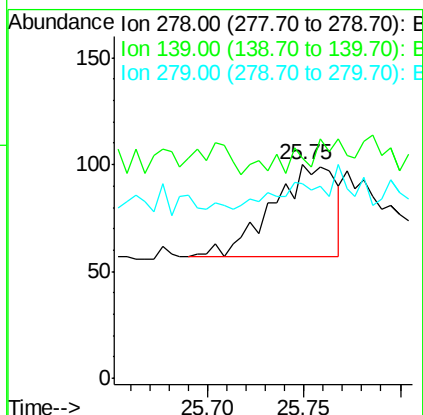
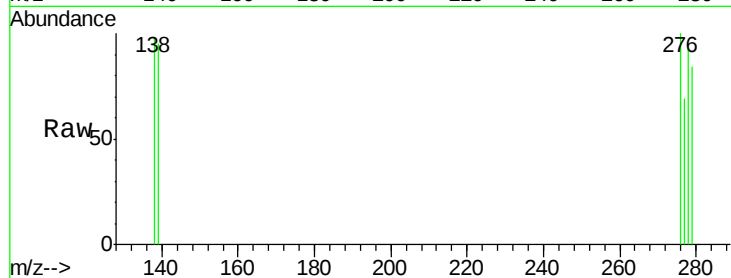




#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-S

Tot Ion: 278 Resp: 98
Ion Ratio Lower Upper
278 100
139 103.0 15.4 23.0#
279 91.0 18.8 28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.45 min Scan# 3820
Delta R.T. 0.02 min
Lab File: BE090895.D
Acq: 19 Sep 2015 4:27

Tgt Ion: 276 Resp: 263
Ion Ratio Lower Upper
276 100
277 59.7 18.5 27.7#
138 90.3 20.1 30.1#

