

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102315\
 Data File : BE091037.D
 Acq On : 23 Oct 2015 17:21
 Operator : UM/NP
 Sample : PB86253BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 23 23:45:32 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	18830	5.00	ng	-0.05
7) Naphthalene-d8	9.59	136	88042	5.00	ng	-0.05
13) Acenaphthene-d10	13.41	164	49256	5.00	ng	-0.05
19) Phenanthrene-d10	16.13	188	123468	5.00	ng	-0.05
26) Chrysene-d12	20.29	240	154386	5.00	ng	-0.05
35) Perylene-d12	22.19	264	153005	5.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.93	112	30896	8.09	ng	-0.07
5) Phenol-d6	6.54	99	40929	8.49	ng	-0.08
8) Nitrobenzene-d5	8.17	82	26697	4.61	ng	-0.07
14) 2,4,6-Tribromophenol	14.93	330	13254	7.77	ng	-0.05
15) 2-Fluorobiphenyl	12.05	172	50423	3.78	ng	-0.05
29) Terphenyl-d14	18.69	244	78660	4.14	ng	-0.05

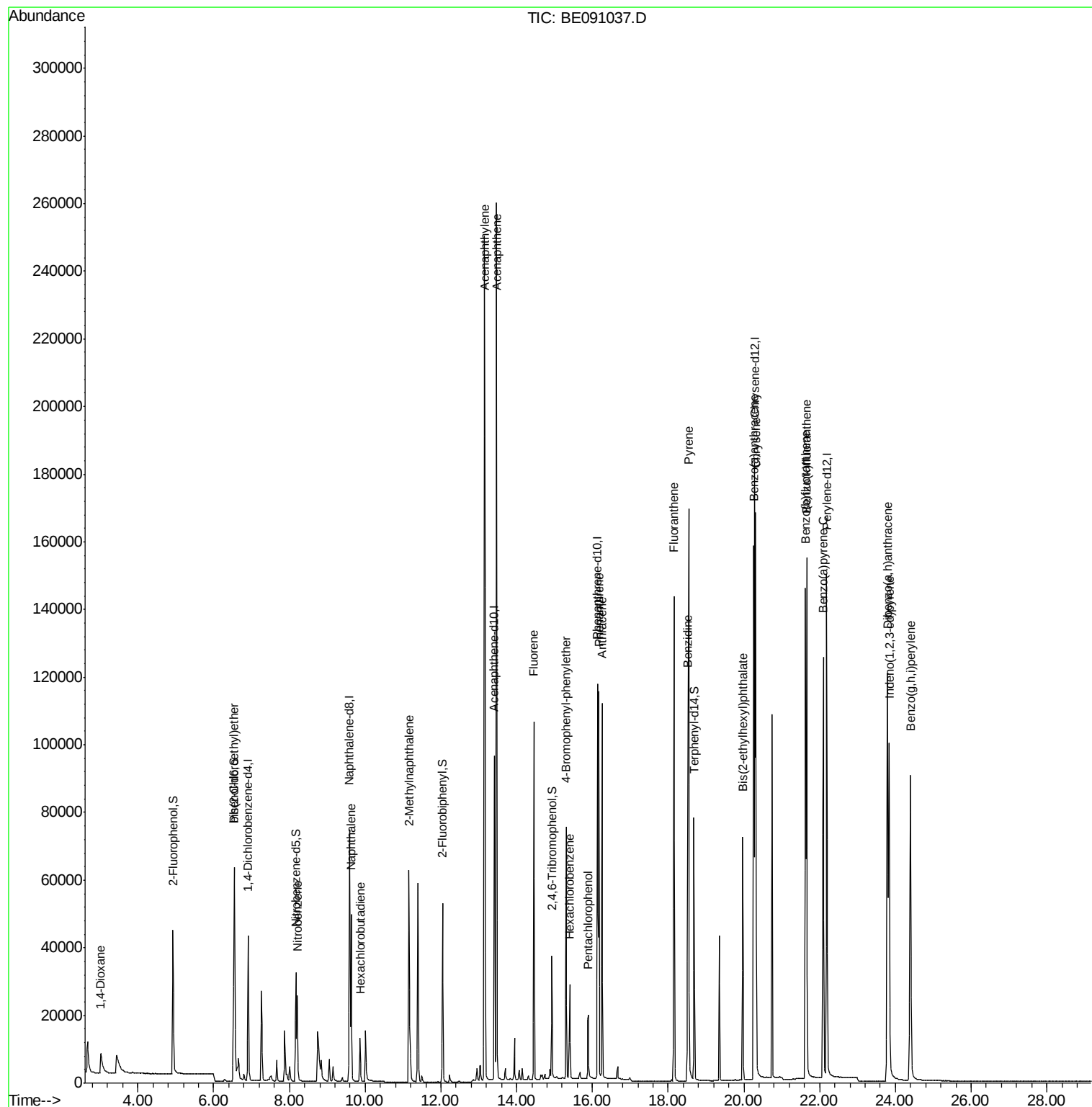
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	8712	3.53	ng	# 80
3) n-Nitrosodimethylamine	3.85	42	83	Below Cal		# 1
6) bis(2-Chloroethyl)ether	6.54	93	52651	10.21	ng	# 28
9) Nitrobenzene	8.21	77	28075	4.28	ng	96
10) Naphthalene	9.63	128	64502	3.80	ng	98
11) Hexachlorobutadiene	9.86	225	8869	3.27	ng	99
12) 2-Methylnaphthalene	11.16	142	46329	4.15	ng	99
16) Acenaphthylene	13.15	152	306279	3.72	ng	100
17) Acenaphthene	13.47	154	46736	3.56	ng	93
18) Fluorene	14.46	166	62346	3.84	ng	98
20) 4-Bromophenyl-phenylether	15.31	248	15760	3.38	ng	77
21) Hexachlorobenzene	15.40	284	16813	0.70	ng	# 92
22) Pentachlorophenol	15.89	266	13563	7.02	ng	90
23) Phenanthrene	16.17	178	108745	3.86	ng	99
24) Anthracene	16.25	178	106232	3.96	ng	99
25) Fluoranthene	18.16	202	126866	3.95	ng	99
27) Benzidine	18.52	184	81825	10.33	ng	# 76
28) Pyrene	18.54	202	139989	3.95	ng	99
30) Benzo(a)anthracene	20.26	228	133759	3.89	ng	99
32) Chrysene	20.32	228	132728	3.65	ng	98
33) Bis(2-ethylhexyl)phthalate	19.97	149	61064	4.18	ng	99
34) Indeno(1,2,3-cd)pyrene	23.83	276	139068	3.63	ng	# 92
36) Benzo(b)fluoranthene	21.62	252	146586	4.35	ng	99
37) Benzo(k)fluoranthene	21.66	252	133825	3.26	ng	99
38) Benzo(a)pyrene	22.09	252	131827	4.22	ng	99
39) Dibenzo(a,h)anthracene	23.79	278	135192	4.38	ng	99
40) Benzo(g,h,i)perylene	24.40	276	142044	4.23	ng	99

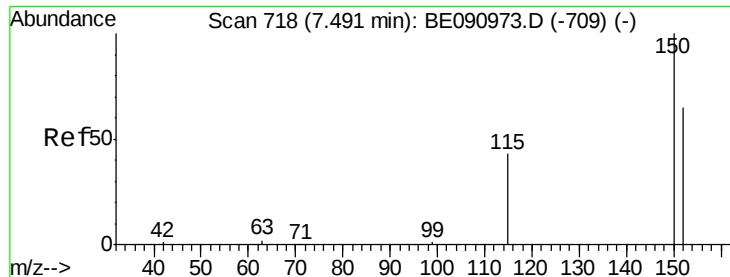
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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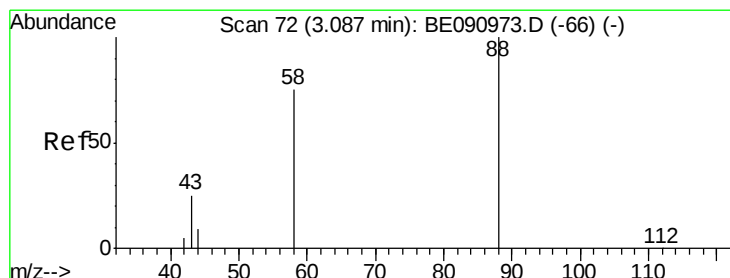
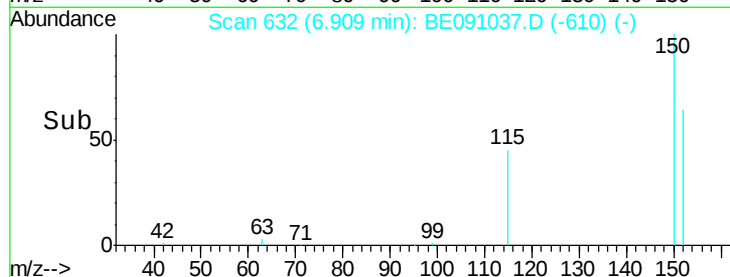
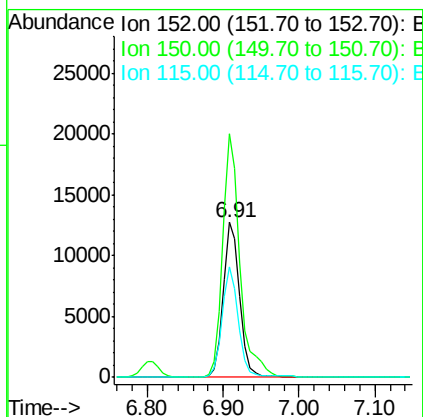
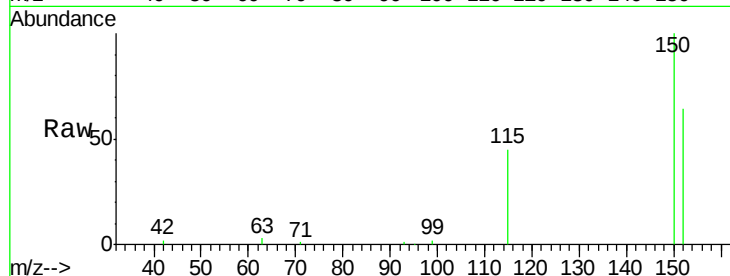


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Instrument :
BNA_E
ClientSampleId :

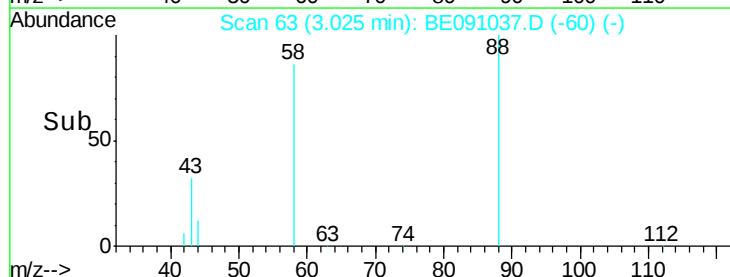
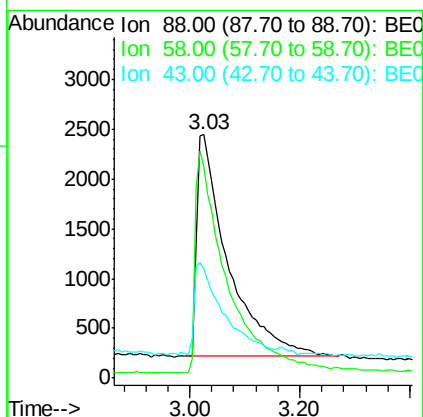
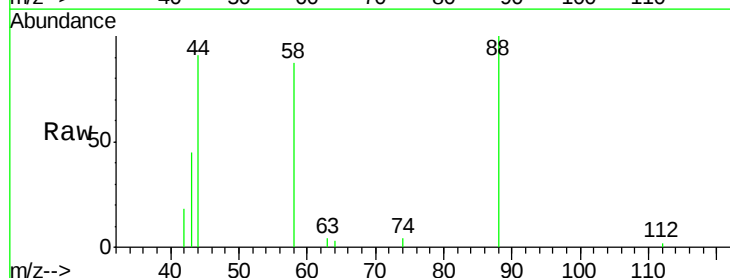
Tot Ion:152 Resp: 18830
Ion Ratio Lower Upper
152 100
150 157.1 122.6 183.8
115 71.0 52.8 79.2

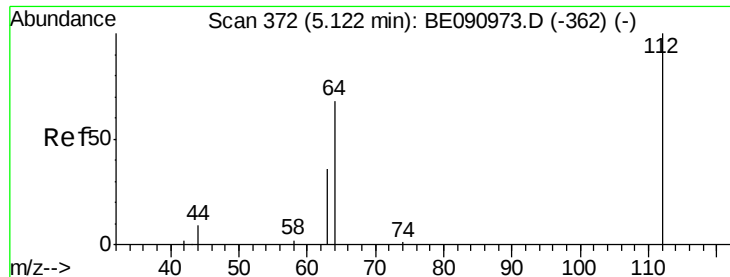


#2

1,4-Dioxane
Concen: 3.53 ng
RT: 3.03 min Scan# 63
Delta R.T. -0.18 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Tgt Ion: 88 Resp: 8712
Ion Ratio Lower Upper
88 100
58 102.1 65.8 98.6#
43 38.8 25.3 37.9#





#4

2-Fluorophenol

Concen: 8.09 ng

RT: 4.93 min Scan# 344

Delta R.T. -0.07 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampled :

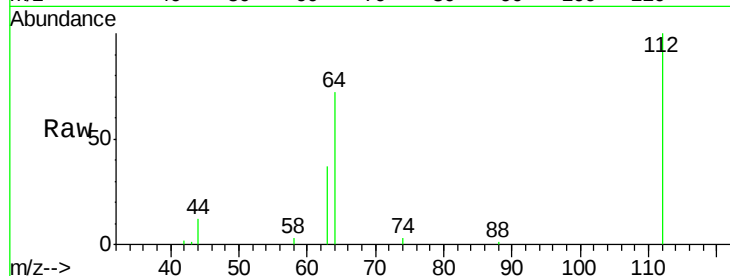
Tot Ion:112 Resp: 30896

Ion Ratio Lower Upper

112 100

64 79.3 30.9 46.3#

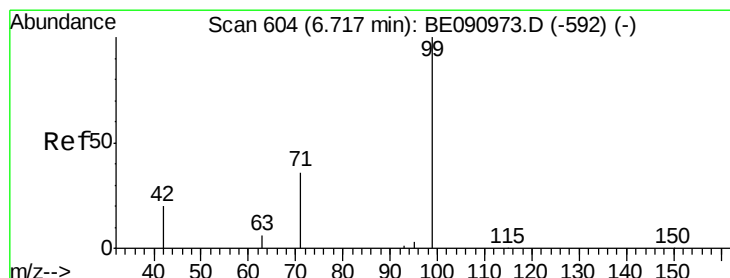
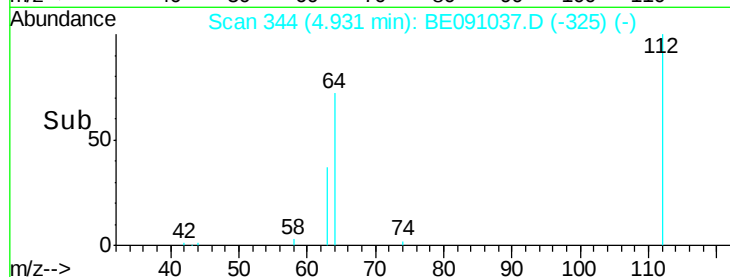
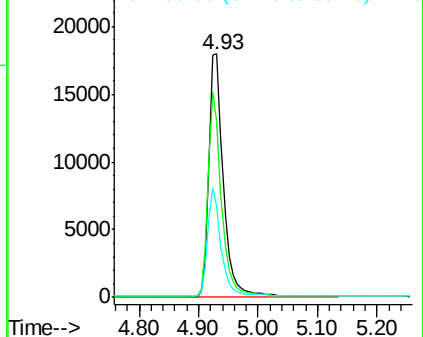
63 42.0 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE090973.D (-362) (-)

Ion 64.00 (63.70 to 64.70): BE090973.D (-362) (-)

Ion 63.00 (62.70 to 63.70): BE090973.D (-362) (-)



#5

Phenol-d6

Concen: 8.49 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.08 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

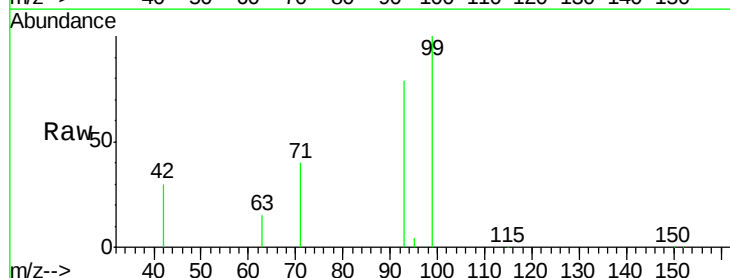
Tgt Ion: 99 Resp: 40929

Ion Ratio Lower Upper

99 100

42 30.6 16.2 24.2#

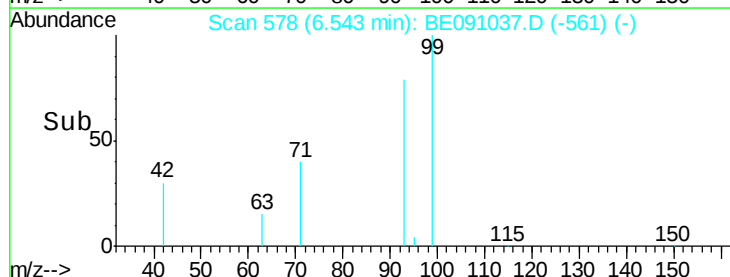
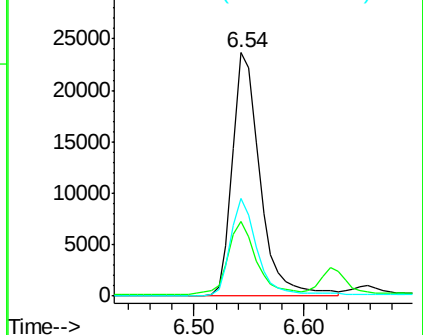
71 38.2 29.0 43.4

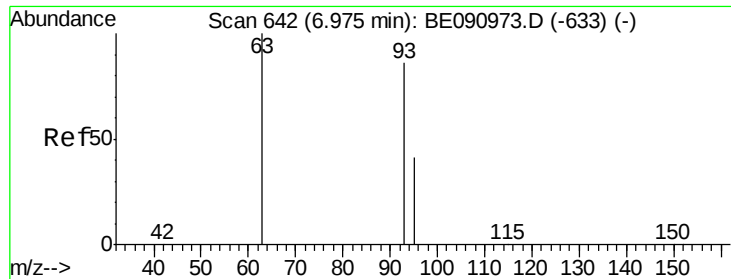


Abundance Ion 99.00 (98.70 to 99.70): BE090973.D (-592) (-)

Ion 42.00 (41.70 to 42.70): BE090973.D (-592) (-)

Ion 71.00 (70.70 to 71.70): BE090973.D (-592) (-)





#6

bis(2-Chloroethyl)ether

Concen: 10.21 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.12 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :

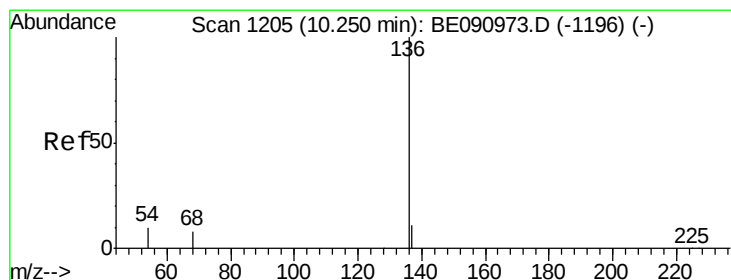
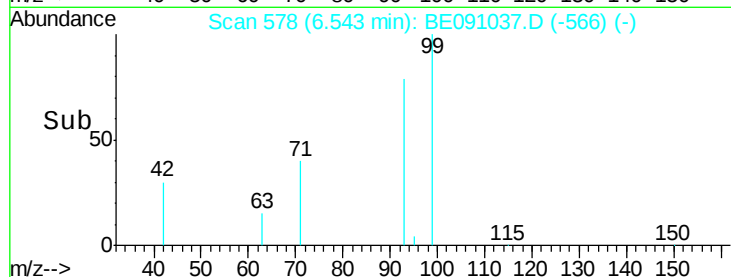
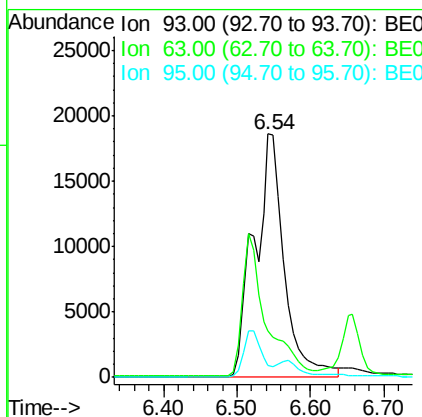
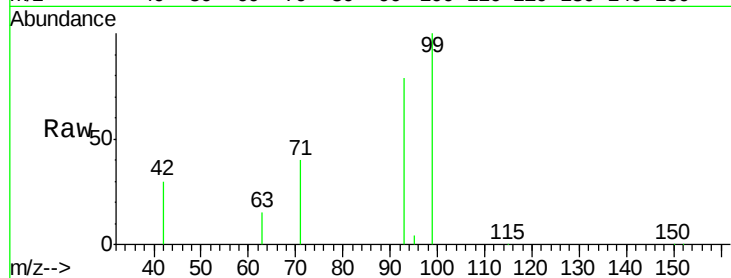
Tot Ion: 93 Resp: 52651

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.59 min Scan# 1154

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Tgt Ion: 136 Resp: 88042

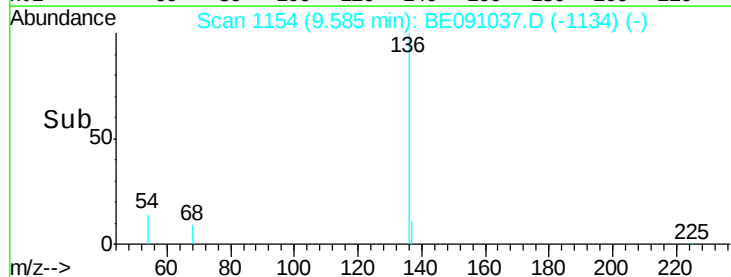
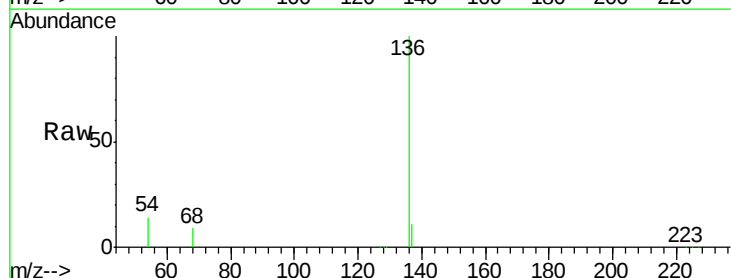
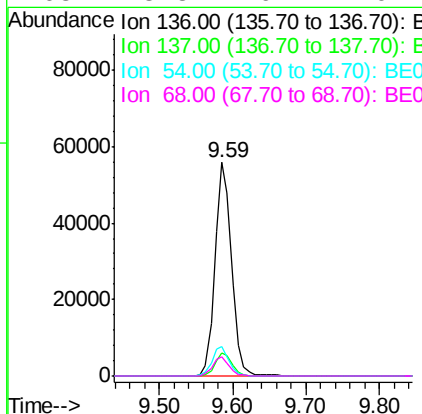
Ion Ratio Lower Upper

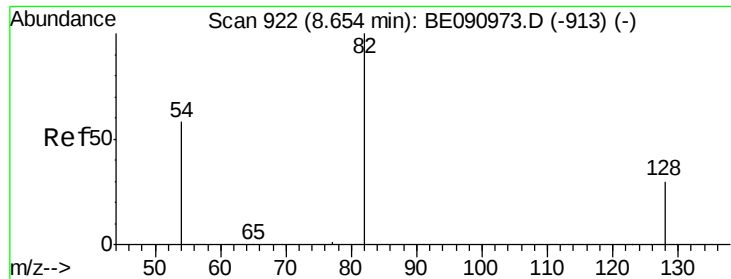
136 100

137 10.9 8.9 13.3

54 13.9 8.2 12.4#

68 8.8 6.2 9.4

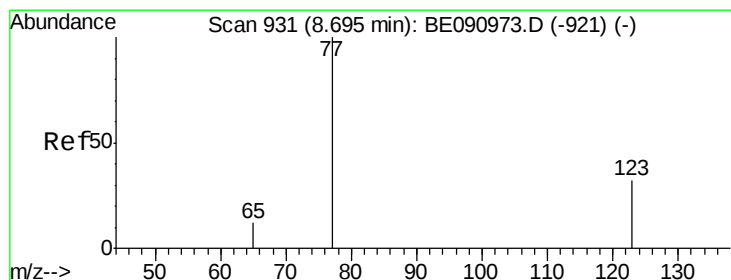
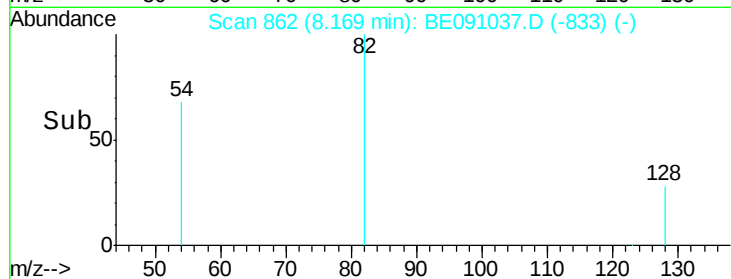
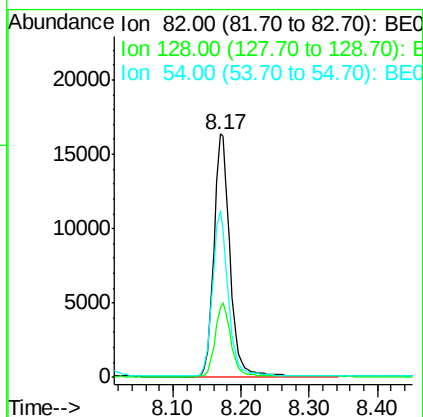
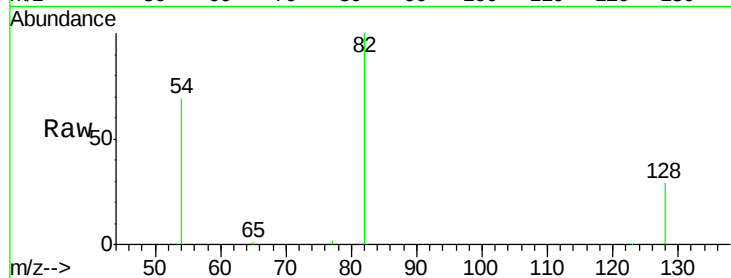




#8
 Nitrobenzene-d5
 Concen: 4.61 ng
 RT: 8.17 min Scan# 862
 Delta R.T. -0.07 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

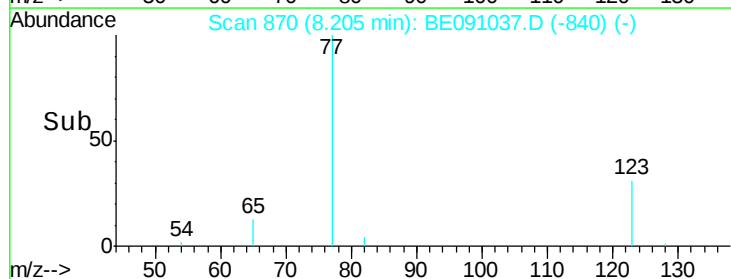
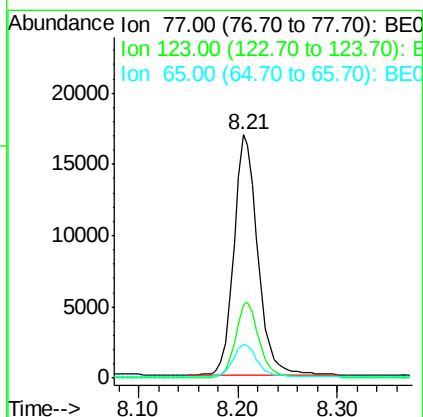
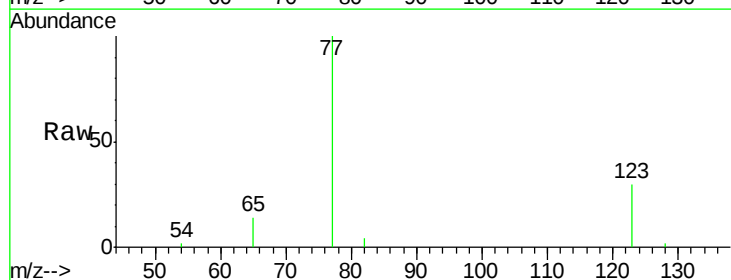
Instrument :
 BNA_E
 ClientSampleId :

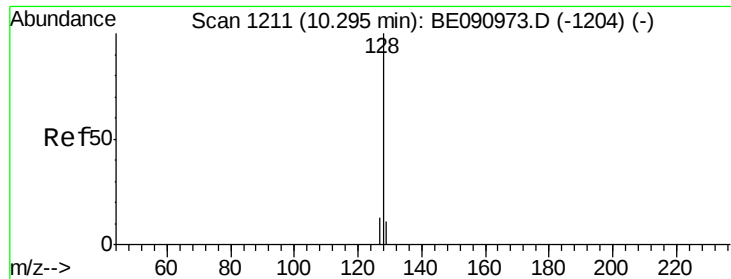
Tot Ion	82	Resp	26697
Ion	Ratio	Lower	Upper
82	100		
128	28.7	25.4	38.0
54	68.7	48.4	72.6



#9
 Nitrobenzene
 Concen: 4.28 ng
 RT: 8.21 min Scan# 870
 Delta R.T. -0.06 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion	77	Resp	28075
Ion	Ratio	Lower	Upper
77	100		
123	31.3	26.9	40.3
65	13.6	9.4	14.2

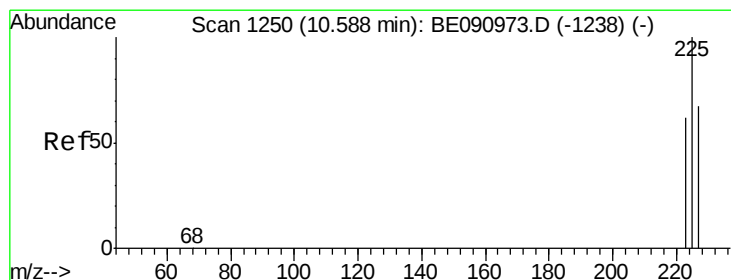
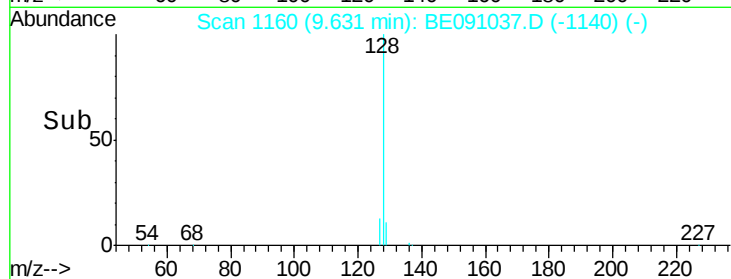
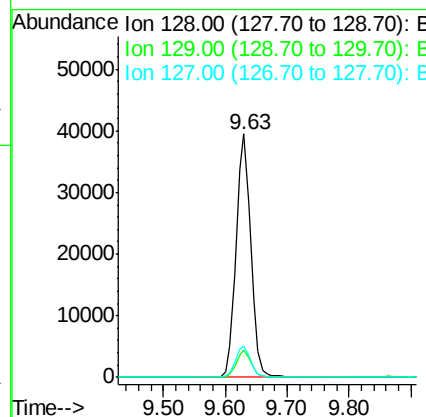
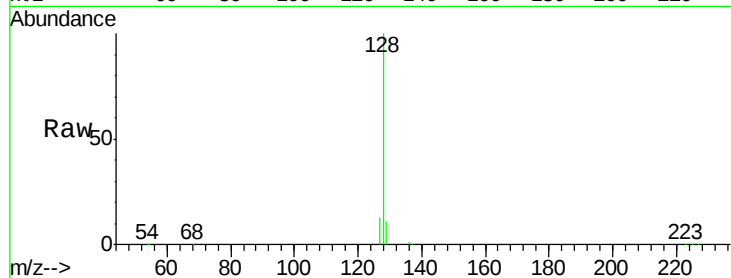




#10
Naphthalene
Concen: 3.80 ng
RT: 9.63 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

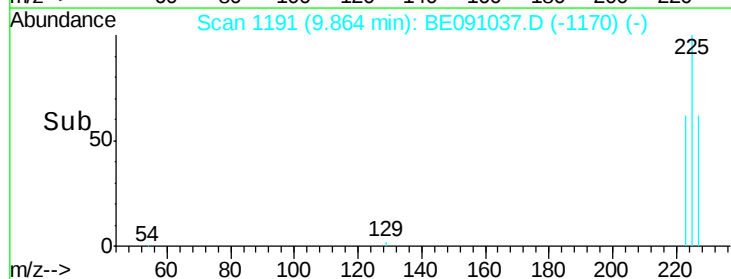
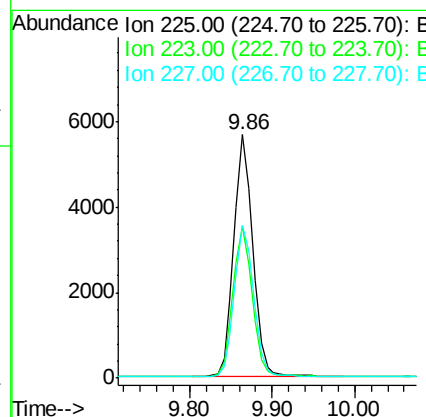
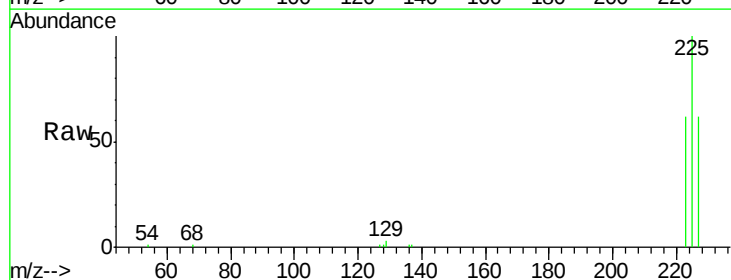
Instrument :
BNA_E
ClientSampleId :

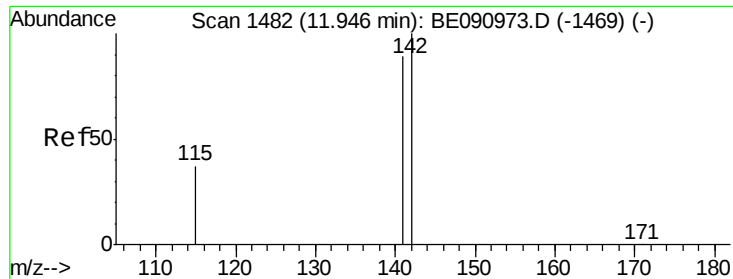
Tot Ion:128 Resp: 64502
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.8 10.7 16.1



#11
Hexachlorobutadiene
Concen: 3.27 ng
RT: 9.86 min Scan# 1191
Delta R.T. -0.04 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Tgt Ion:225 Resp: 8869
Ion Ratio Lower Upper
225 100
223 62.7 49.0 73.6
227 63.4 50.3 75.5

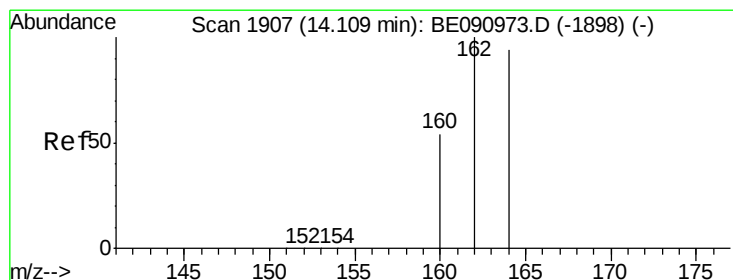
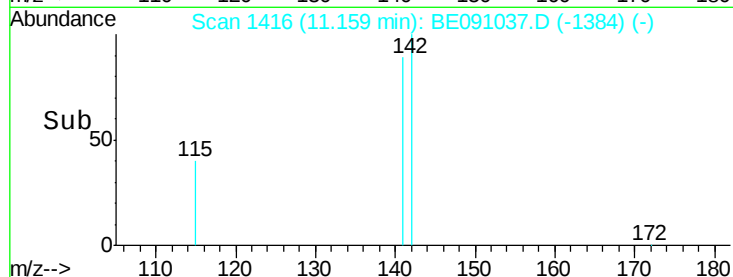
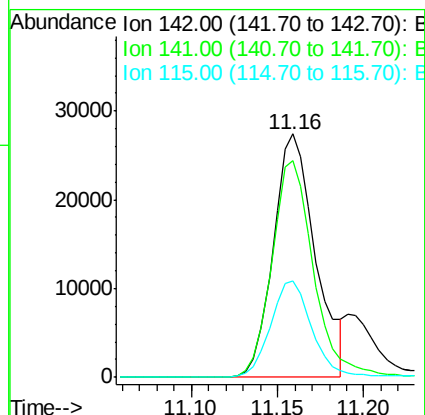
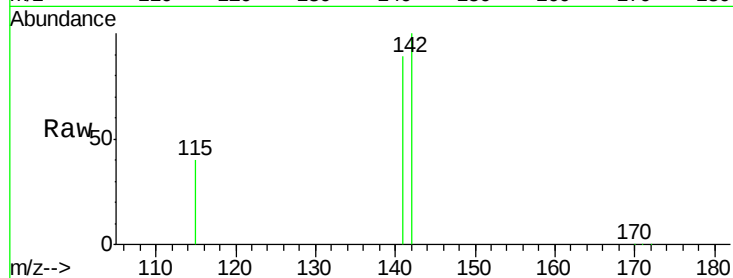




#12
2-Methylnaphthalene
Concen: 4.15 ng
RT: 11.16 min Scan# 1416
Delta R.T. -0.06 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

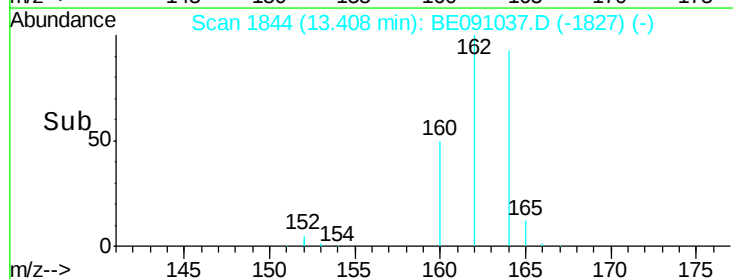
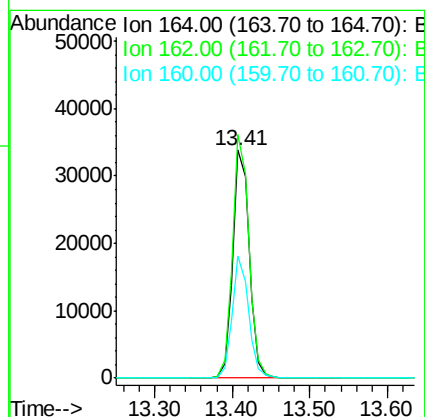
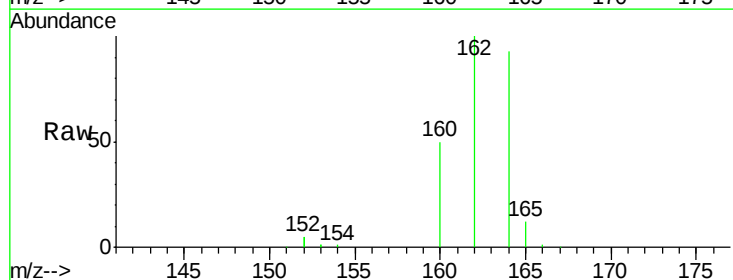
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BNA_E
ClientSampleId :

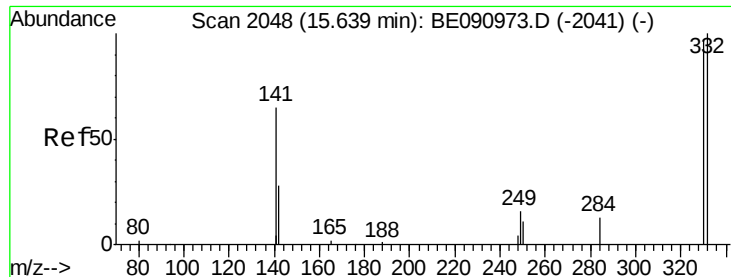
Tot Ion:142 Resp: 46329
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0
115 39.8 30.3 45.5



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.41 min Scan# 1844
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Tgt Ion:164 Resp: 49256
Ion Ratio Lower Upper
164 100
162 107.0 85.3 127.9
160 53.6 46.2 69.2

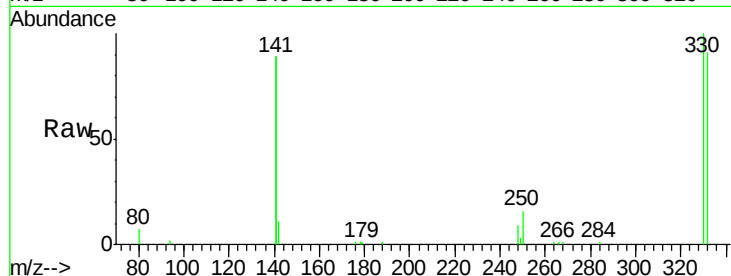




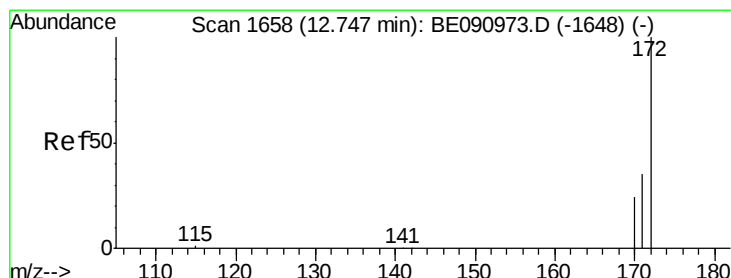
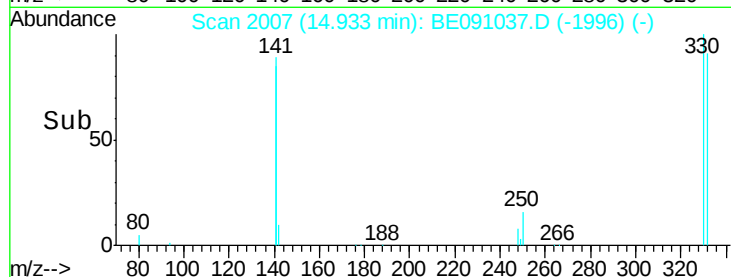
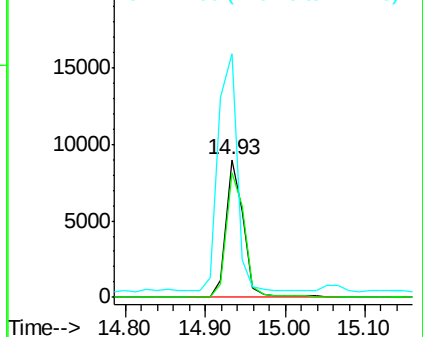
#14
 2,4,6-Tribromophenol
 Concen: 7.77 ng
 RT: 14.93 min Scan# 2007
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 13254
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.1 118.7
 141 190.6 125.4 188.0#

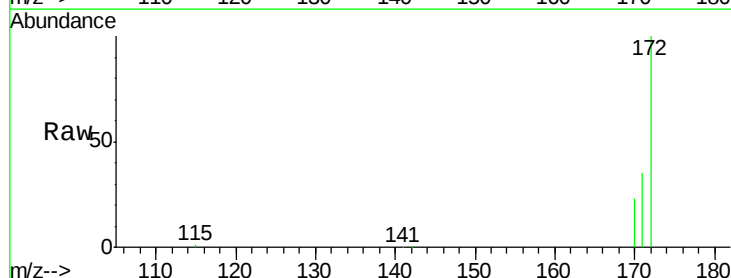


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

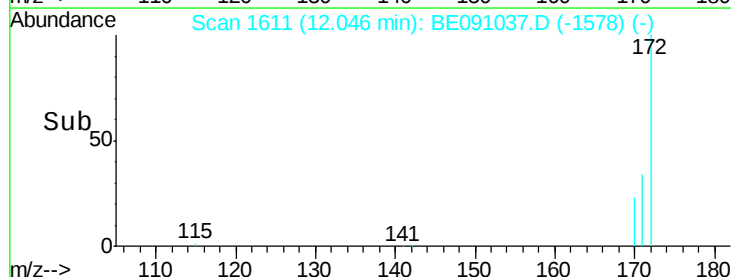
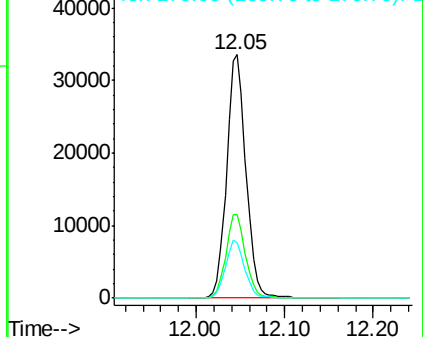


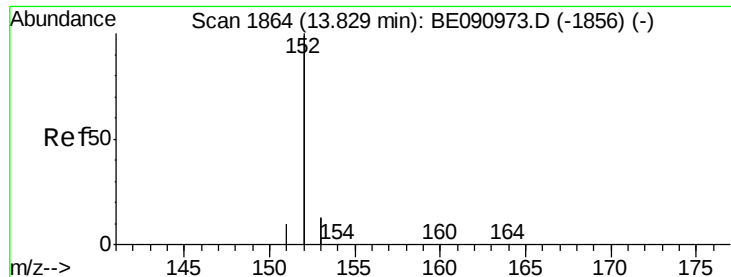
#15
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 12.05 min Scan# 1611
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion:172 Resp: 50423
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.8 43.2
 170 22.8 19.3 28.9



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





#16

Acenaphthylene

Concen: 3.72 ng

RT: 13.15 min Scan# 1815

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :

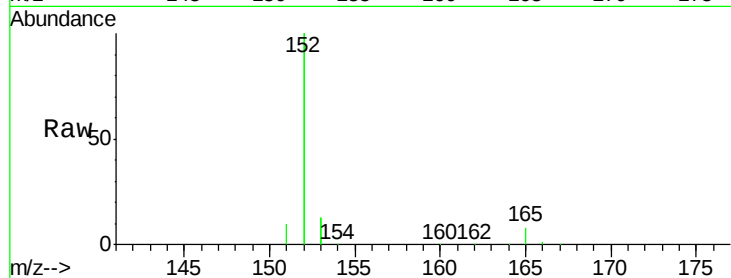
Tot Ion:152 Resp: 306279

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

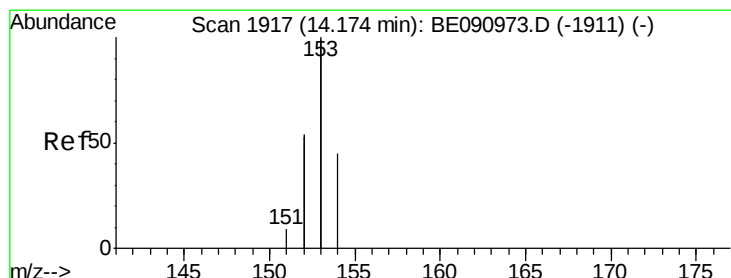
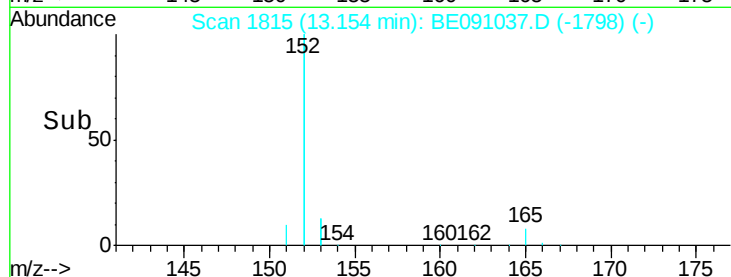
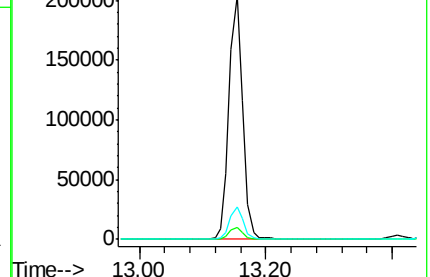
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 3.56 ng

RT: 13.47 min Scan# 1851

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

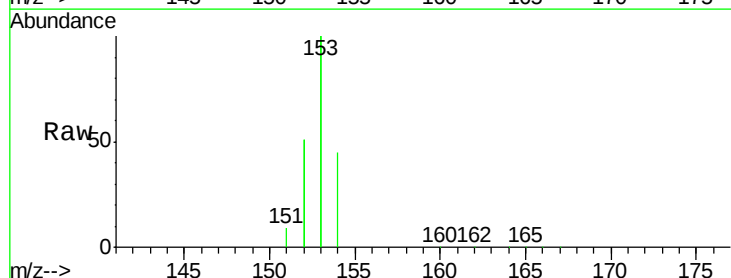
Tgt Ion:154 Resp: 46736

Ion Ratio Lower Upper

154 100

153 433.2 352.0 528.0

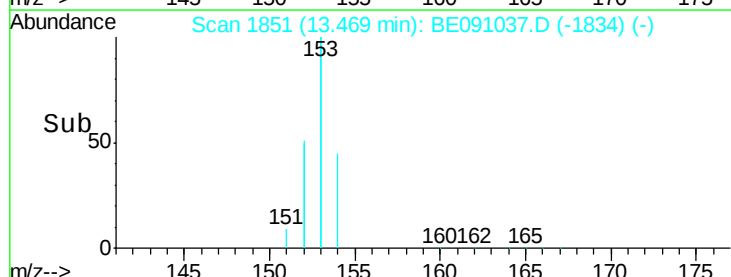
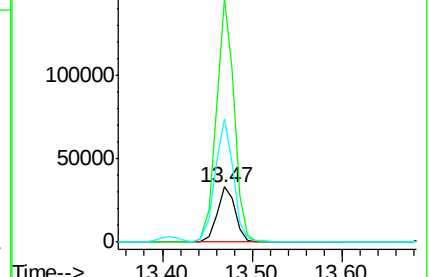
152 222.8 200.0 300.0

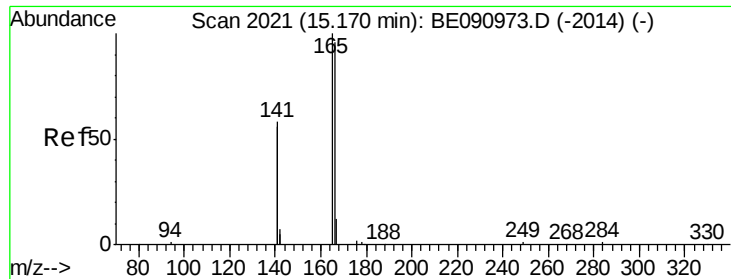


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



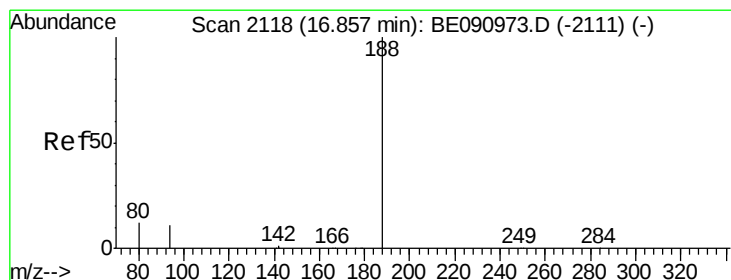
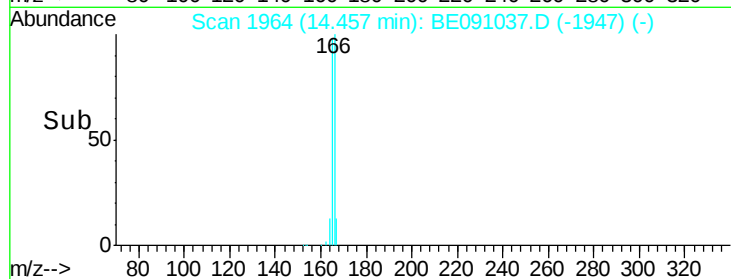
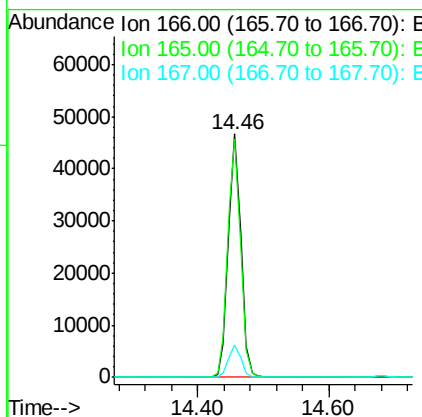
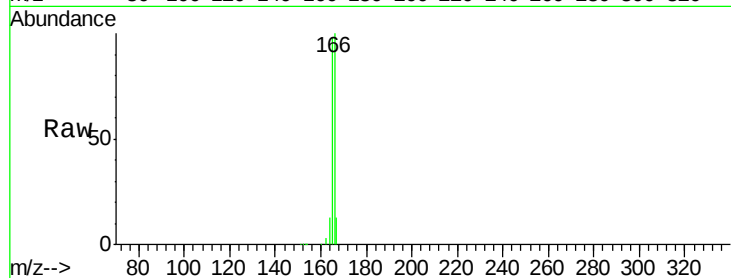


#18
Fluorene
 Concen: 3.84 ng
 RT: 14.46 min Scan# 1964
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 62346

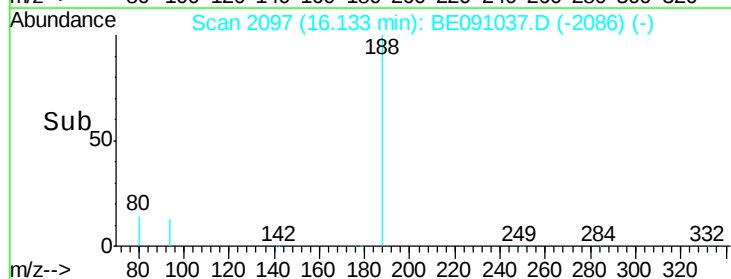
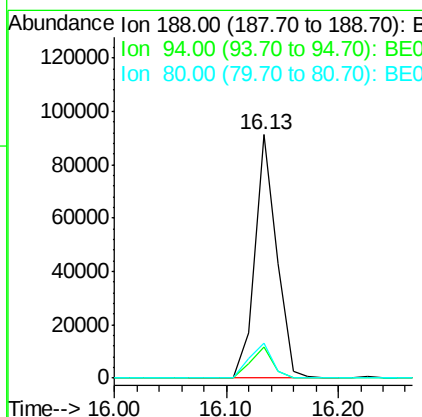
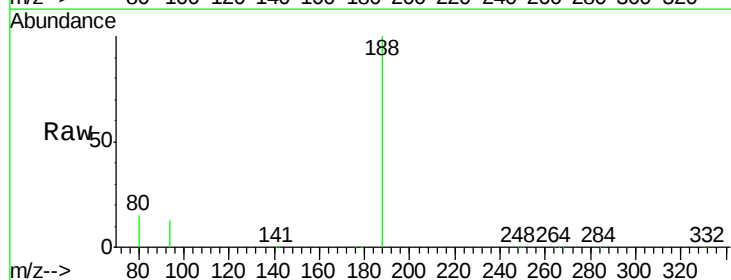
Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.8	121.2
167	13.5	10.9	16.3

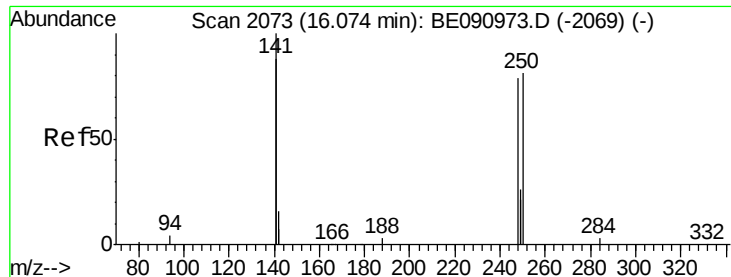


#19
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.13 min Scan# 2097
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion:188 Resp: 123468

Ion	Ratio	Lower	Upper
188	100		
94	13.0	8.7	13.1
80	14.5	9.4	14.0

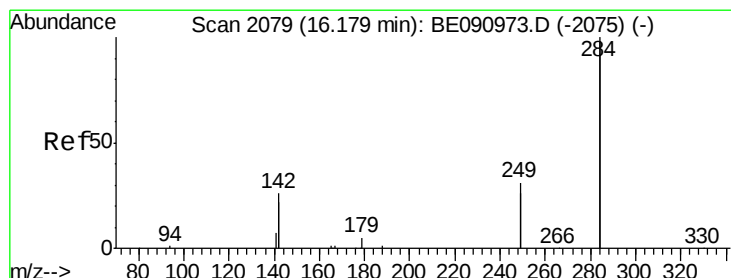
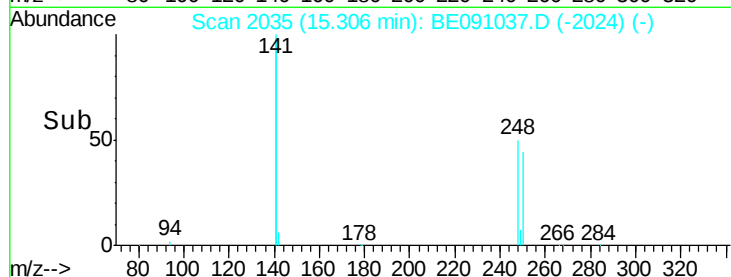
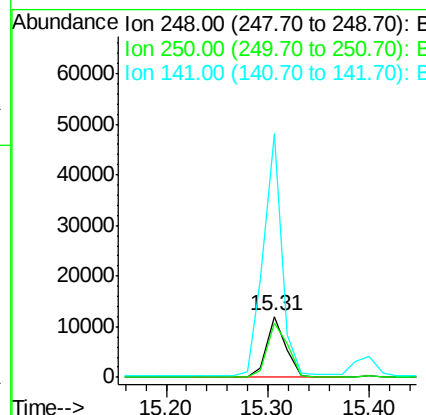
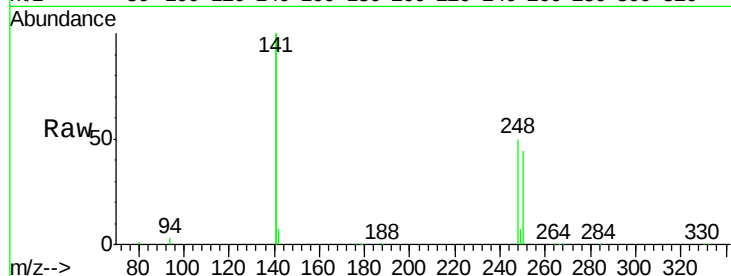




#20
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 15.31 min Scan# 2035
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

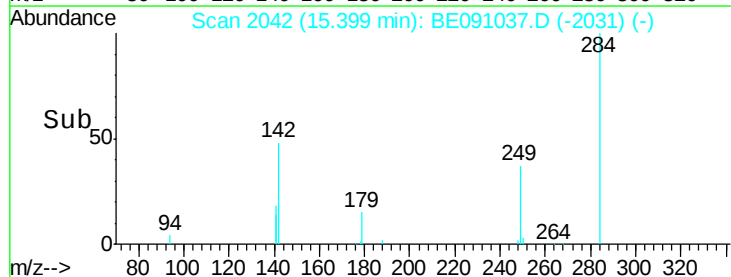
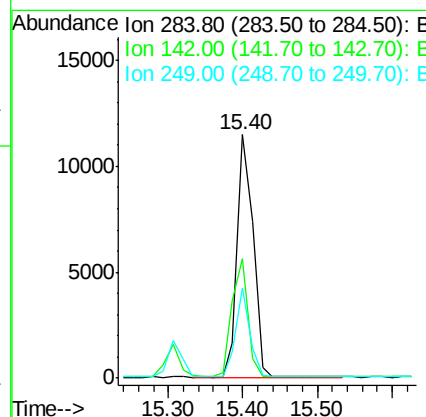
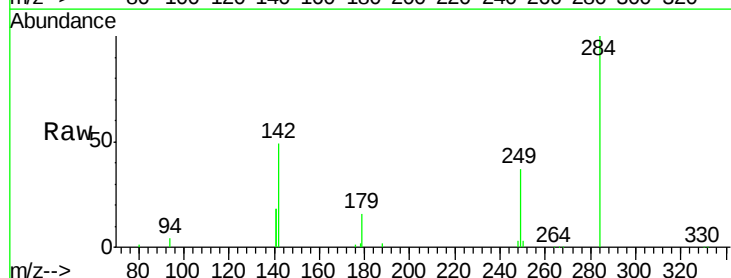
Instrument :
BNA_E
ClientSampleId :

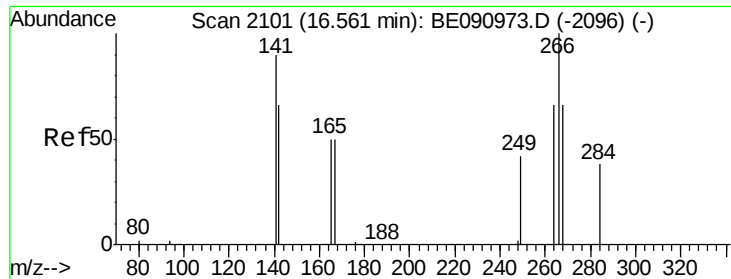
Tot Ion:248 Resp: 15760
Ion Ratio Lower Upper
248 100
250 96.5 80.5 120.7
141 387.9 261.9 392.9



#21
Hexachlorobenzene
Concen: 0.70 ng
RT: 15.40 min Scan# 2042
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Tgt Ion:284 Resp: 16813
Ion Ratio Lower Upper
284 100
142 48.3 32.2 48.2#
249 32.6 25.4 38.2

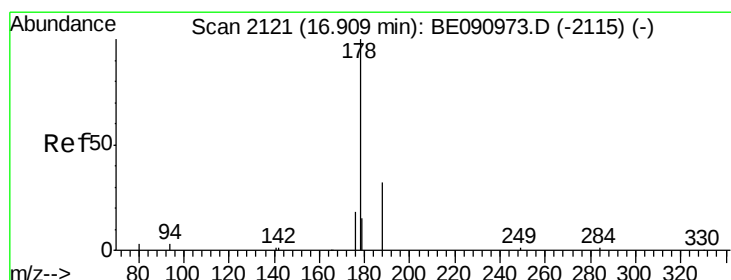
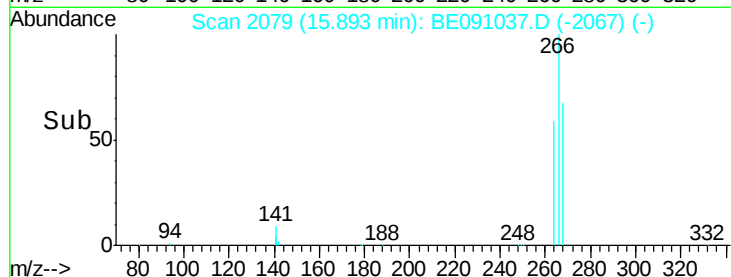
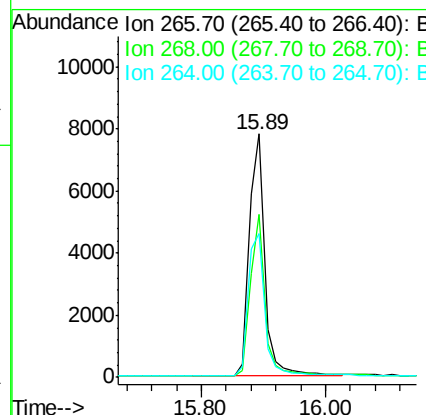
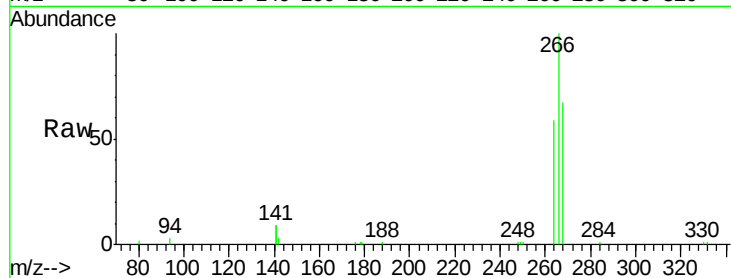




#22
 Pentachlorophenol
 Concen: 7.02 ng
 RT: 15.89 min Scan# 2079
 Delta R.T. -0.04 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

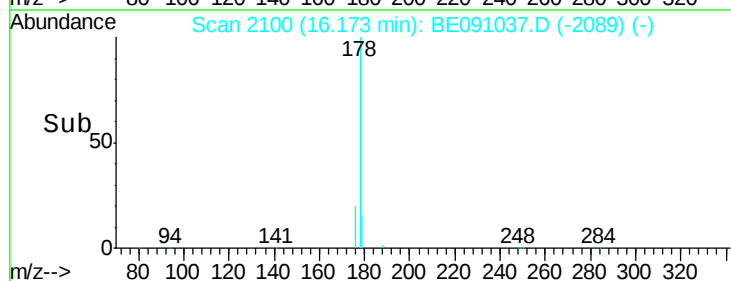
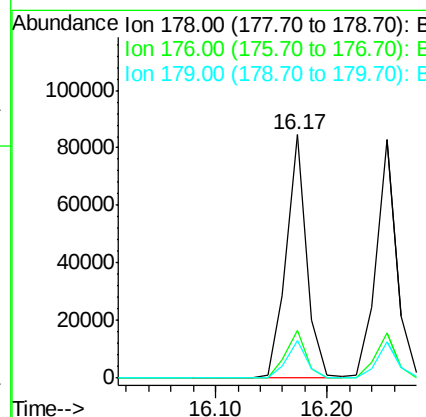
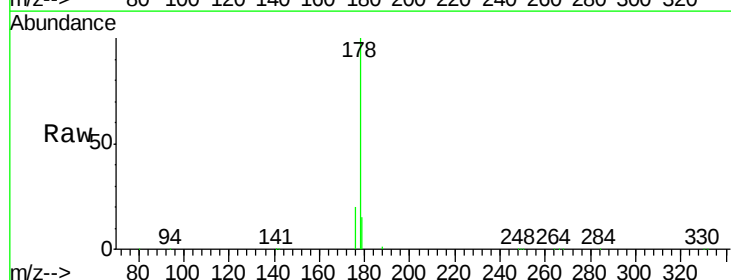
Instrument :
 BNA_E
 ClientSampleId :

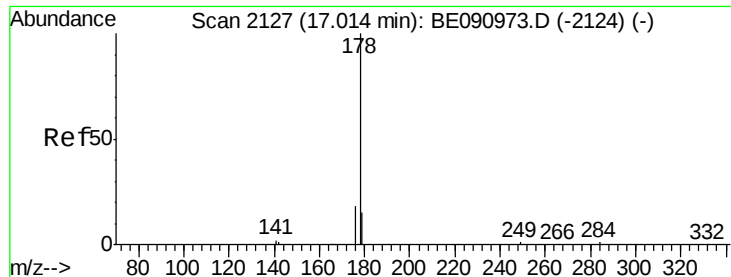
Tot Ion:266 Resp: 13563
 Ion Ratio Lower Upper
 266 100
 268 66.9 58.2 87.2
 264 58.8 56.2 84.4



#23
 Phenanthrene
 Concen: 3.86 ng
 RT: 16.17 min Scan# 2100
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion:178 Resp: 108745
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.1 12.6 18.8





#24

Anthracene

Concen: 3.96 ng

RT: 16.25 min Scan# 2106

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

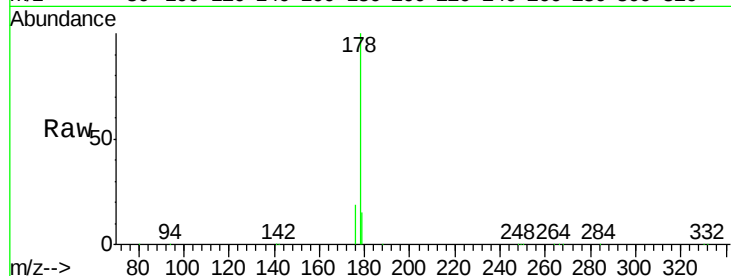
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 106232

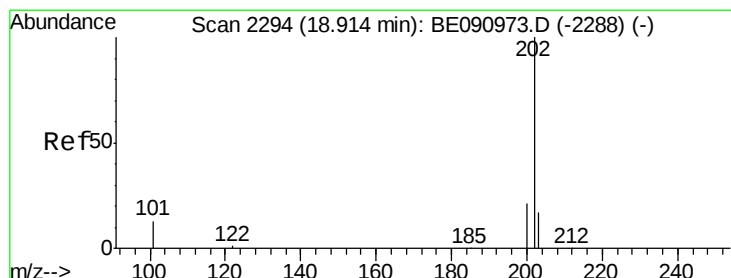
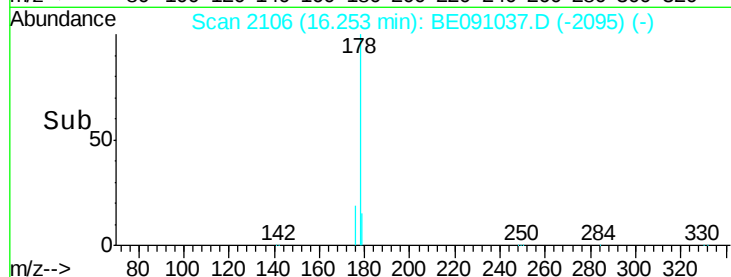
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.2	11.8	17.6



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: 3.95 ng

RT: 18.16 min Scan# 2312

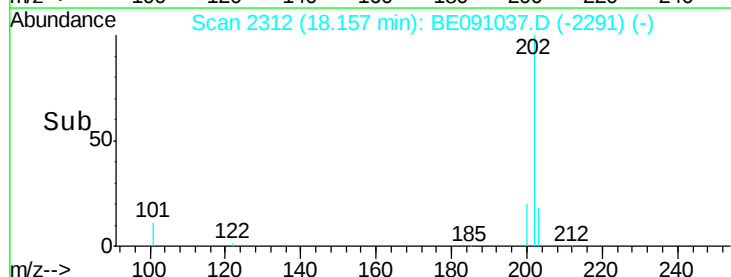
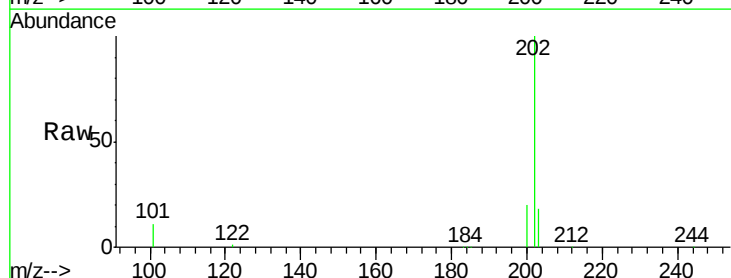
Delta R.T. -0.05 min

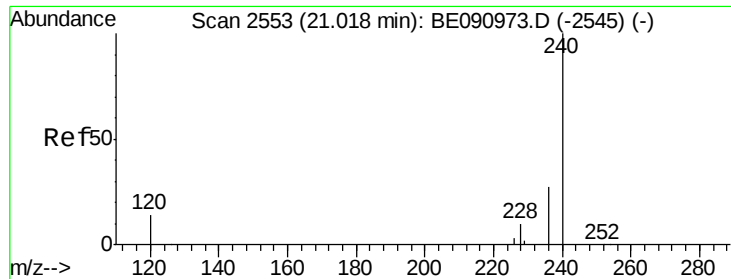
Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Tgt Ion:202 Resp: 126866

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.0	16.6
203	17.3	13.9	20.9

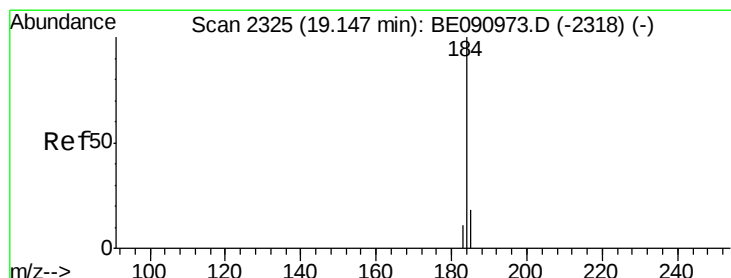
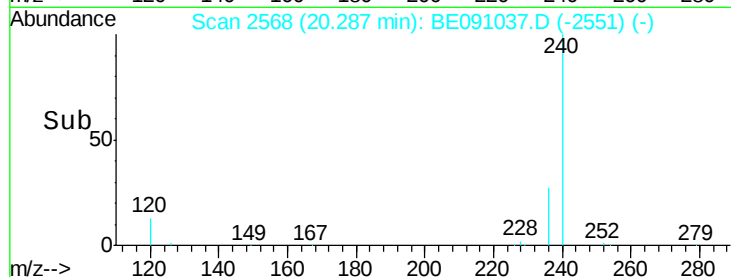
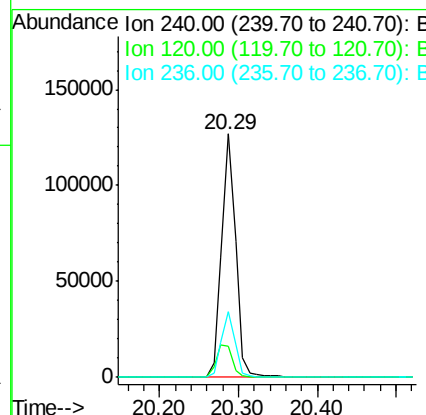
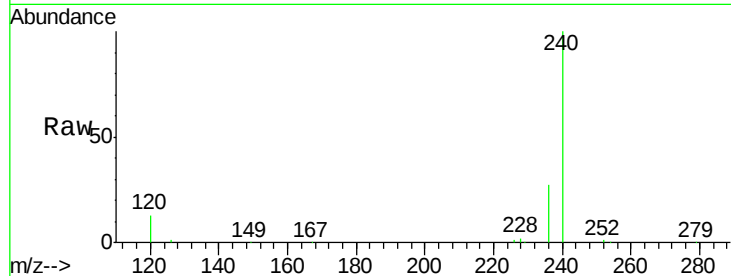




#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.29 min Scan# 2568
Delta R.T. -0.05 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

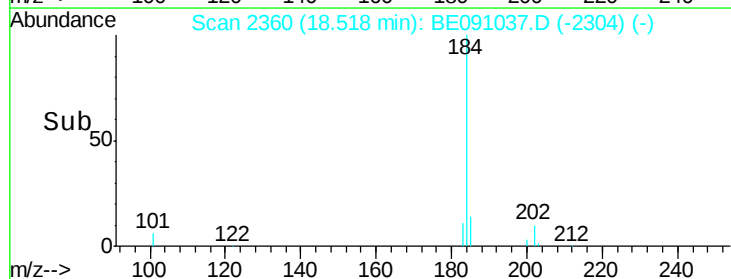
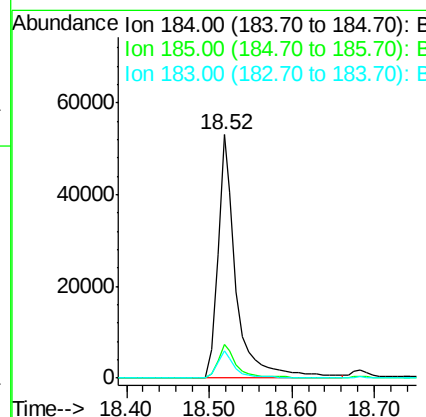
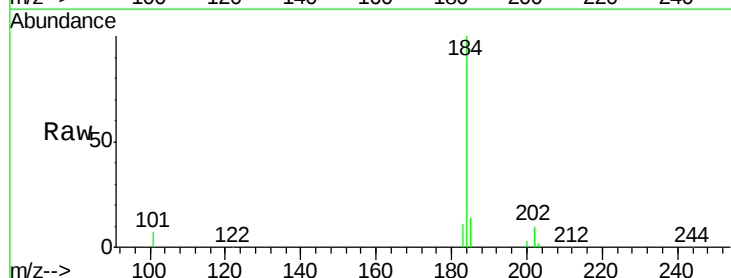
Instrument :
BNA_E
ClientSampleId :

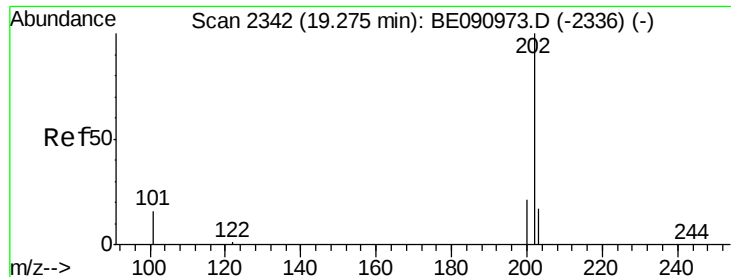
Tot Ion:240 Resp: 154386
Ion Ratio Lower Upper
240 100
120 12.6 11.0 16.4
236 26.9 21.7 32.5



#27
Benzidine
Concen: 10.33 ng
RT: 18.52 min Scan# 2360
Delta R.T. -0.08 min
Lab File: BE091037.D
Acq: 23 Oct 2015 17:21

Tgt Ion:184 Resp: 81825
Ion Ratio Lower Upper
184 100
185 13.8 22.3 33.5#
183 11.4 16.4 24.6#





#28

Pvrene

Concen: 3.95 ng

RT: 18.54 min Scan# 2363

Delta R.T. -0.05 min

Lab File: BE091037.D

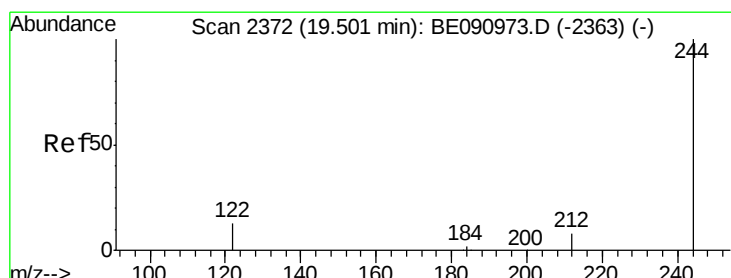
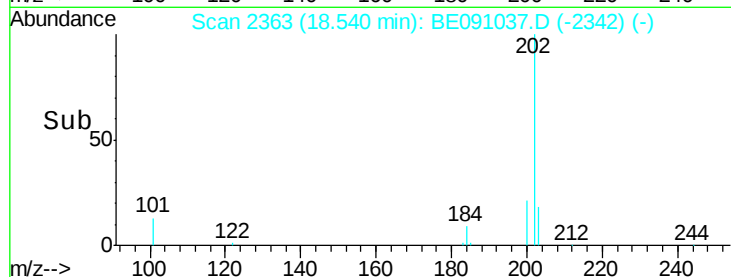
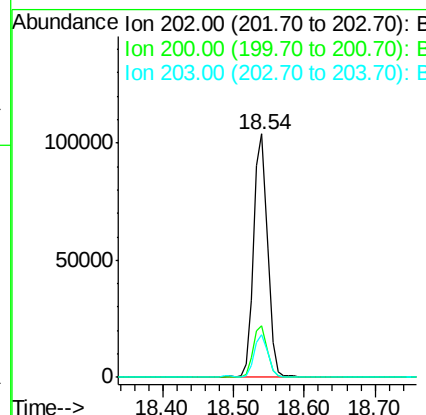
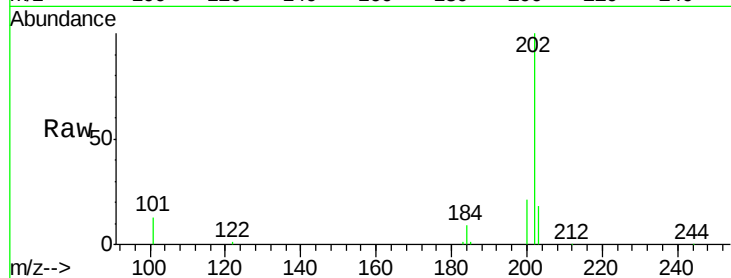
Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	139989
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.3	14.0	21.0



#29

Terphenyl-d14

Concen: 4.14 ng

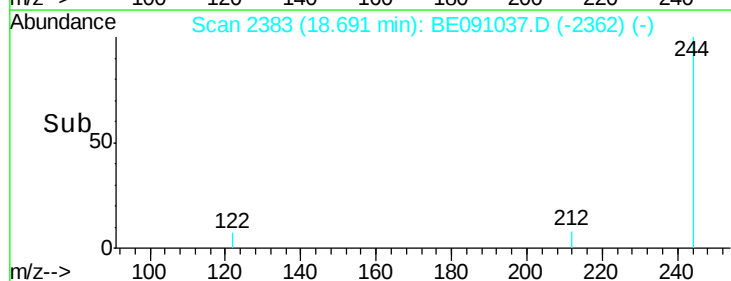
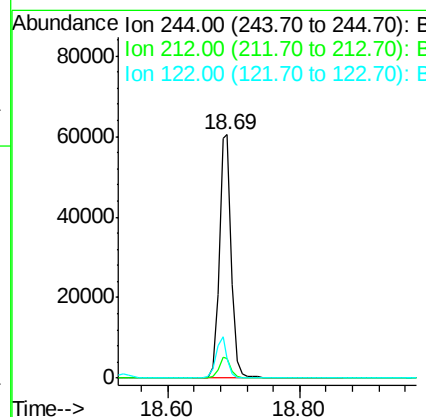
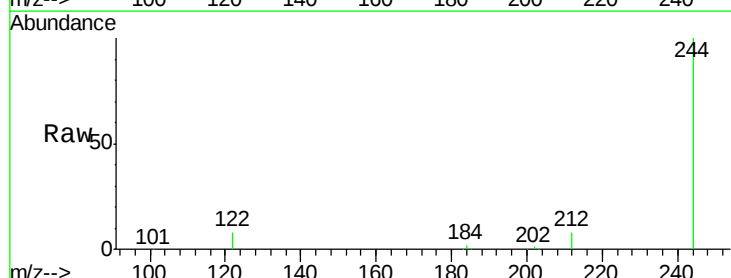
RT: 18.69 min Scan# 2383

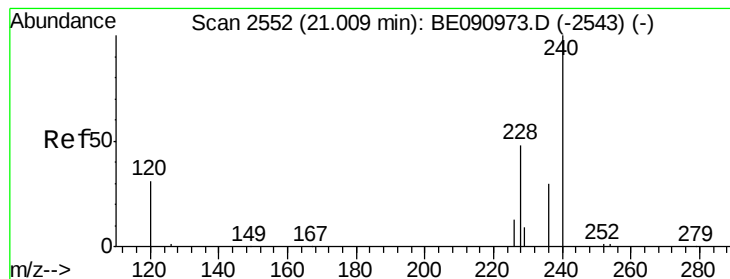
Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Tgt Ion:	244	Resp:	78660
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.2	11.0	16.4#





#30

Benzo(a)anthracene

Concen: 3.89 ng

RT: 20.26 min Scan# 2565

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :

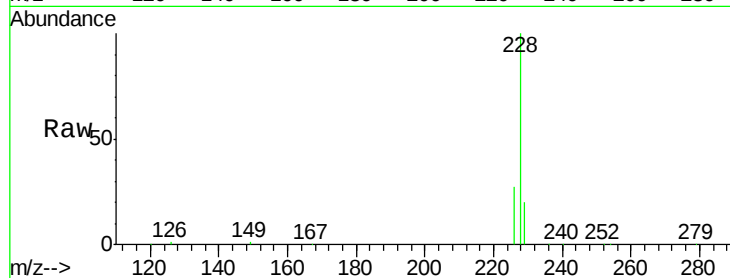
Tot Ion:228 Resp: 133759

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

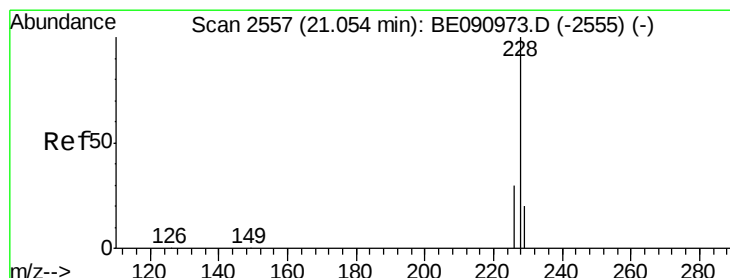
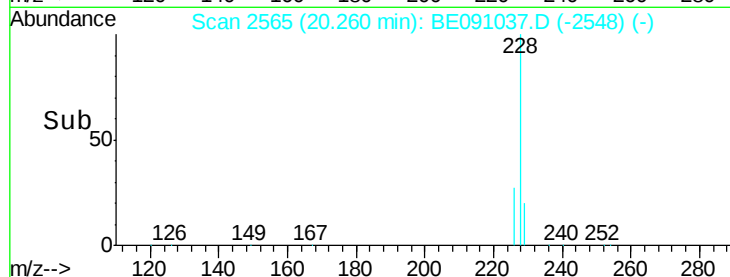
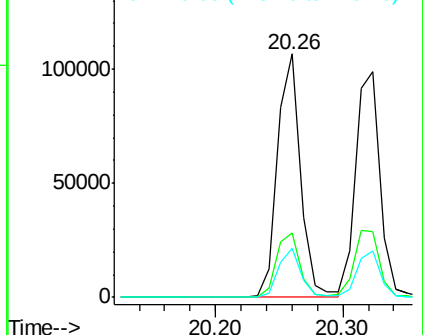
229 19.9 15.7 23.5



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



#32

Chrysene

Concen: 3.65 ng

RT: 20.32 min Scan# 2572

Delta R.T. -0.04 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

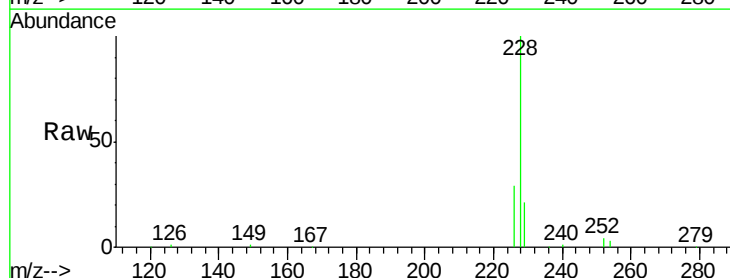
Tgt Ion:228 Resp: 132728

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

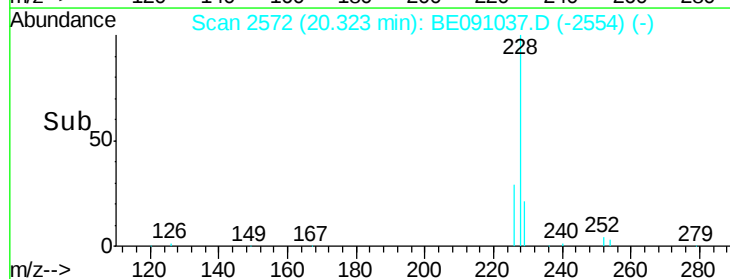
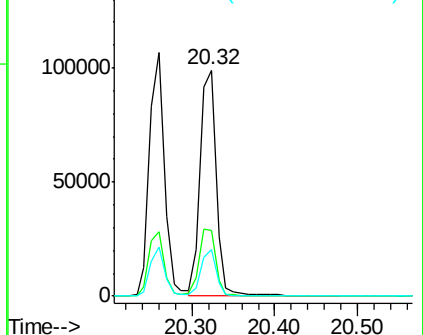
229 20.6 15.9 23.9

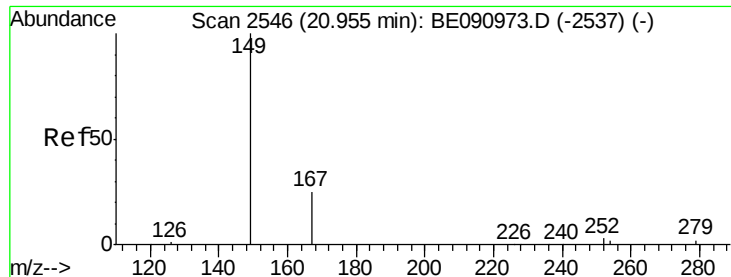


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

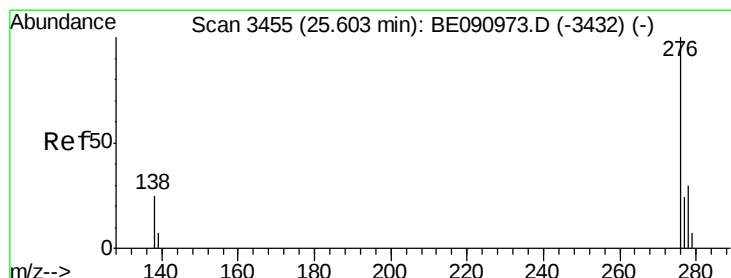
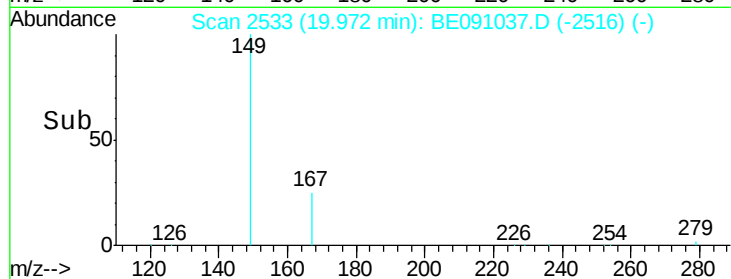
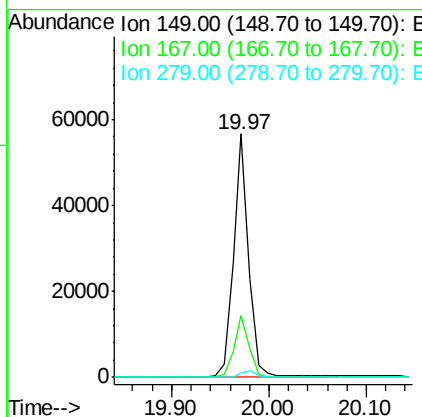
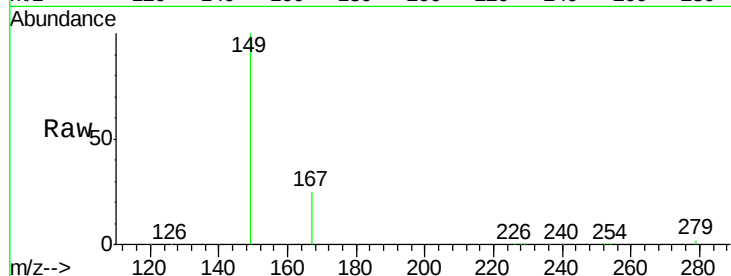




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.18 ng
 RT: 19.97 min Scan# 2533
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

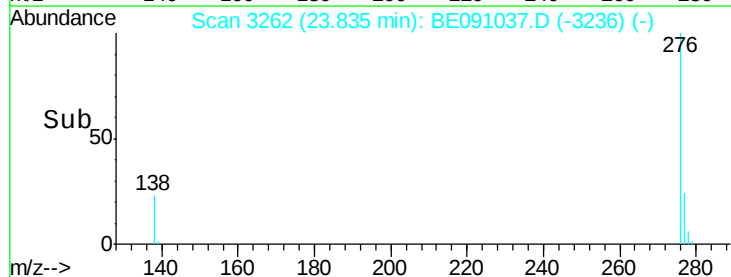
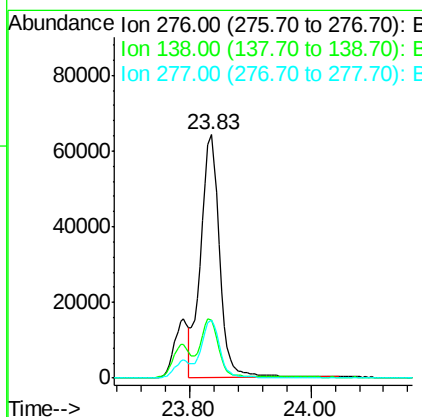
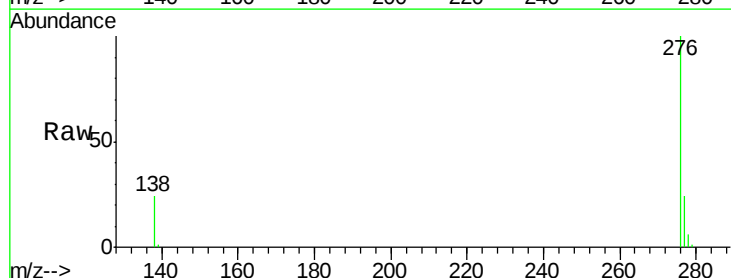
Instrument :
 BNA_E
 ClientSampleId :

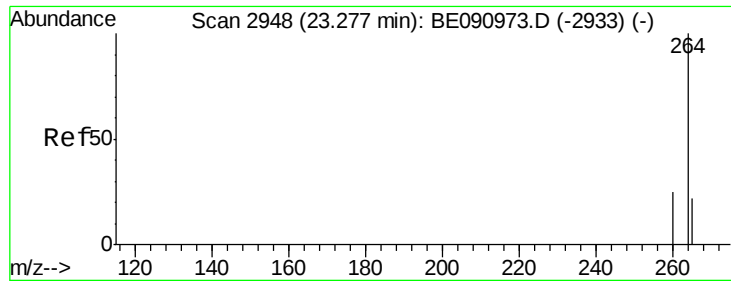
Tot Ion:149 Resp: 61064
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.5 29.3
 279 2.7 2.3 3.5



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.63 ng
 RT: 23.83 min Scan# 3262
 Delta R.T. -0.08 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion:276 Resp: 139068
 Ion Ratio Lower Upper
 276 100
 138 22.5 23.4 35.2#
 277 23.4 19.8 29.8

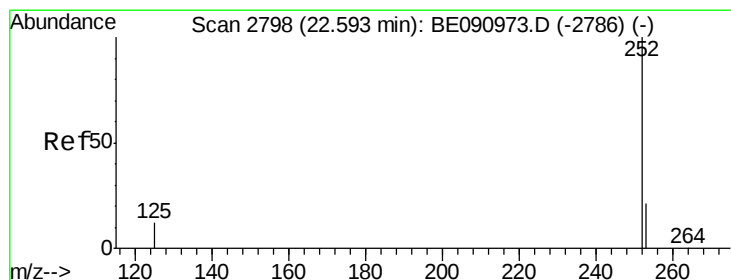
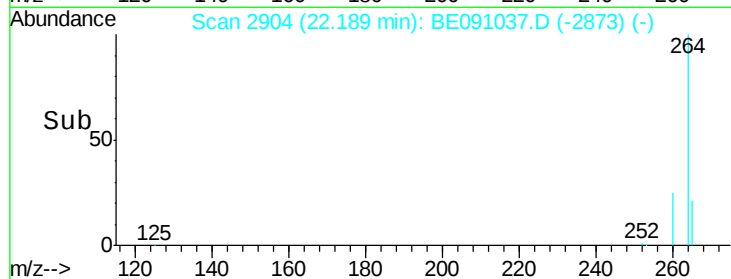
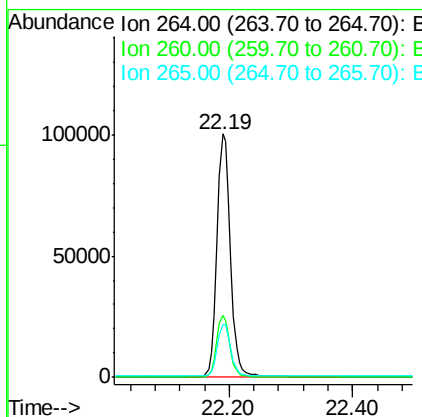
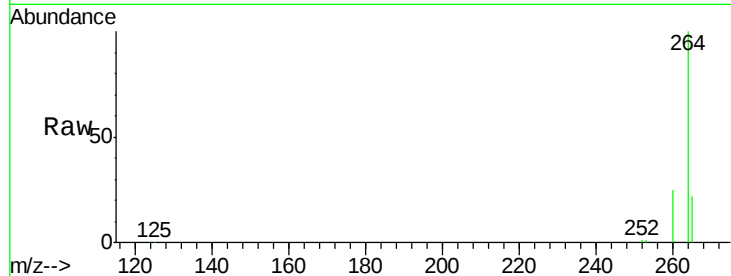




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 22.19 min Scan# 2904
 Delta R.T. -0.06 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

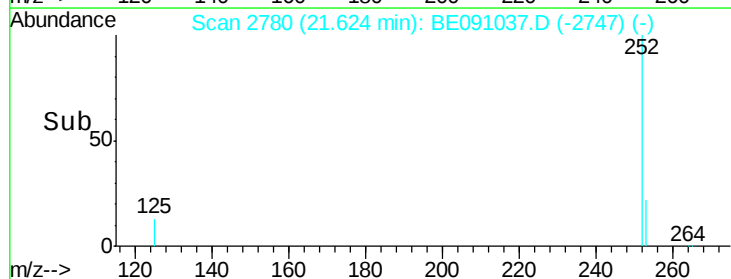
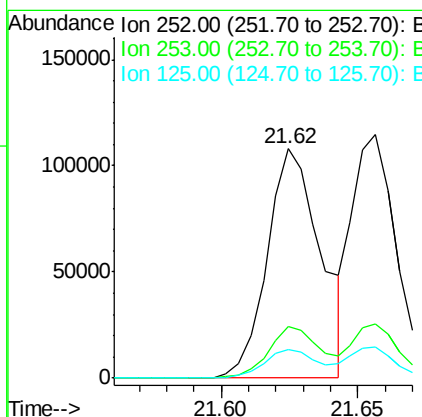
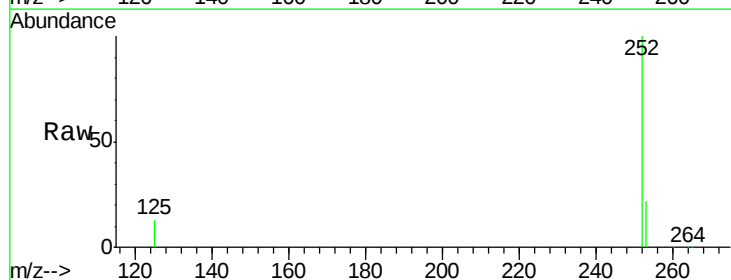
Instrument :
 BNA_E
 ClientSampleId :

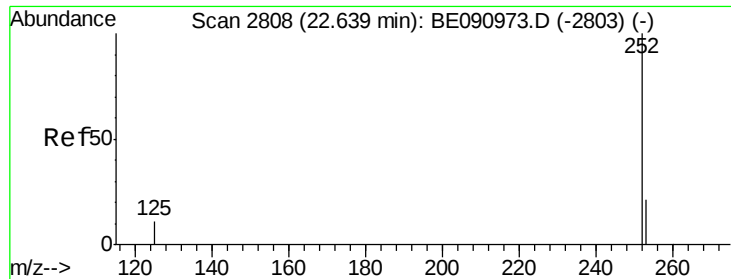
Tot Ion:264 Resp: 153005
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 22.0 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.35 ng
 RT: 21.62 min Scan# 2780
 Delta R.T. -0.05 min
 Lab File: BE091037.D
 Acq: 23 Oct 2015 17:21

Tgt Ion:252 Resp: 146586
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 12.7 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 3.26 ng

RT: 21.66 min Scan# 2787

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :

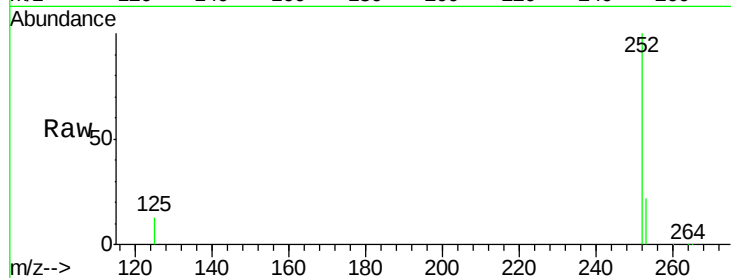
Tot Ion:252 Resp: 133825

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

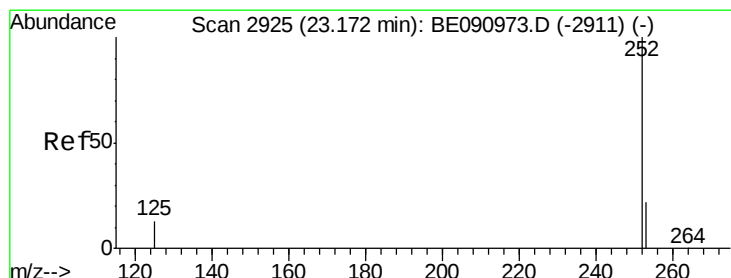
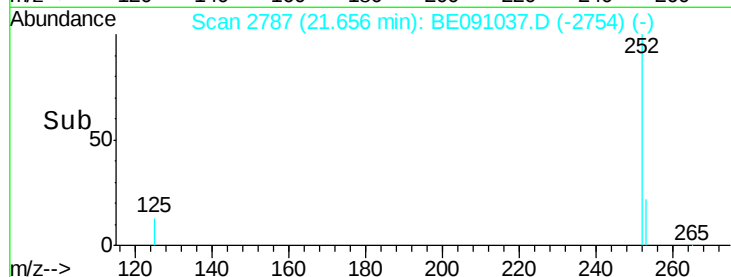
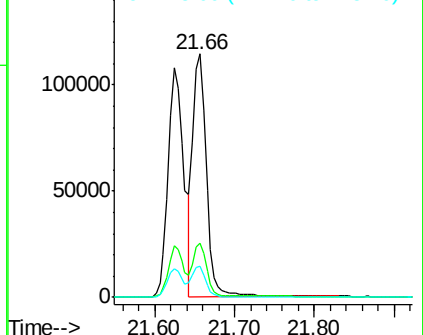
125 12.8 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 4.22 ng

RT: 22.09 min Scan# 2883

Delta R.T. -0.05 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

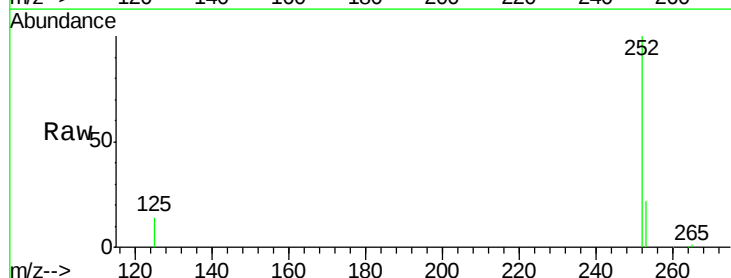
Tgt Ion:252 Resp: 131827

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

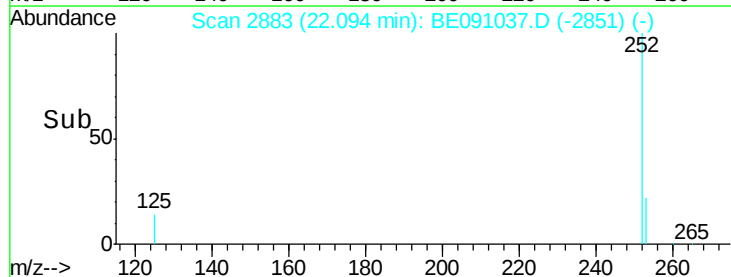
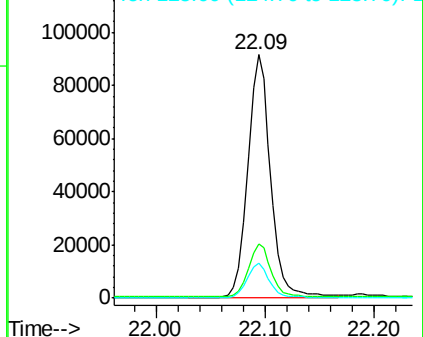
125 14.2 11.0 16.4

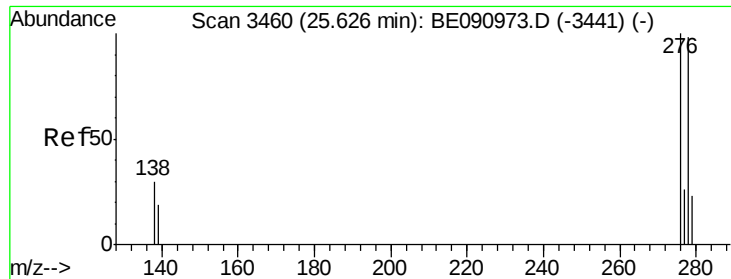


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.38 ng

RT: 23.79 min Scan# 3252

Delta R.T. -0.08 min

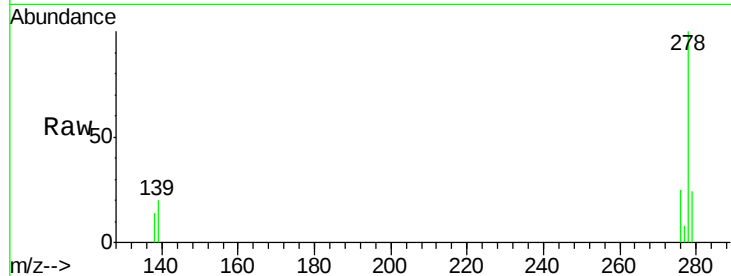
Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Instrument :

BNA_E

ClientSampleId :



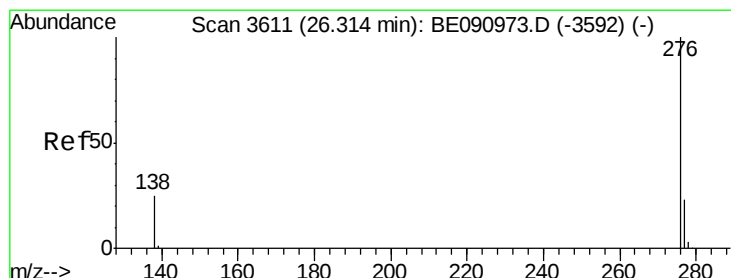
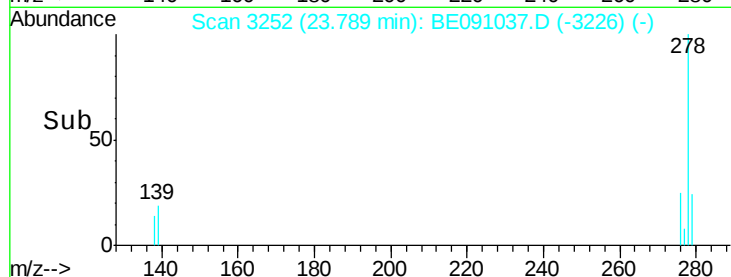
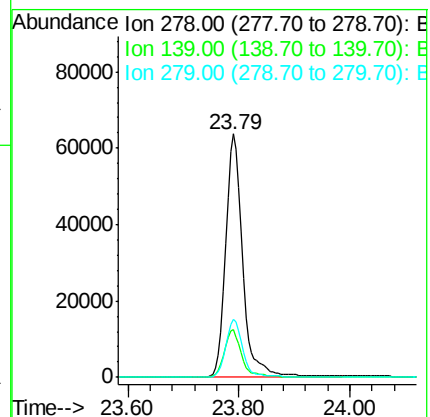
Tot Ion:278 Resp: 135192

Ion Ratio Lower Upper

278 100

139 19.5 16.0 24.0

279 24.1 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 4.23 ng

RT: 24.40 min Scan# 3385

Delta R.T. -0.09 min

Lab File: BE091037.D

Acq: 23 Oct 2015 17:21

Tgt Ion:276 Resp: 142044

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 26.5 20.4 30.6

