

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
 Data File : BE090159.D
 Acq On : 17 Jul 2015 23:24
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071715

Quant Time: Jul 18 00:45:10 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	7691	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	36037	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	19859	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	48960	5.00	ng	0.00
25) Chrysene-d12	21.11	240	57261	5.00	ng	0.00
32) Perylene-d12	23.43	264	57757	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1768	0.98	ng	0.00
5) Phenol-d6	6.79	99	2255	0.97	ng	0.00
7) Nitrobenzene-d5	8.75	82	2297	0.96	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	401	0.85	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	5788	0.99	ng	0.00
27) Terphenyl-d14	19.58	244	9162	0.96	ng	0.00

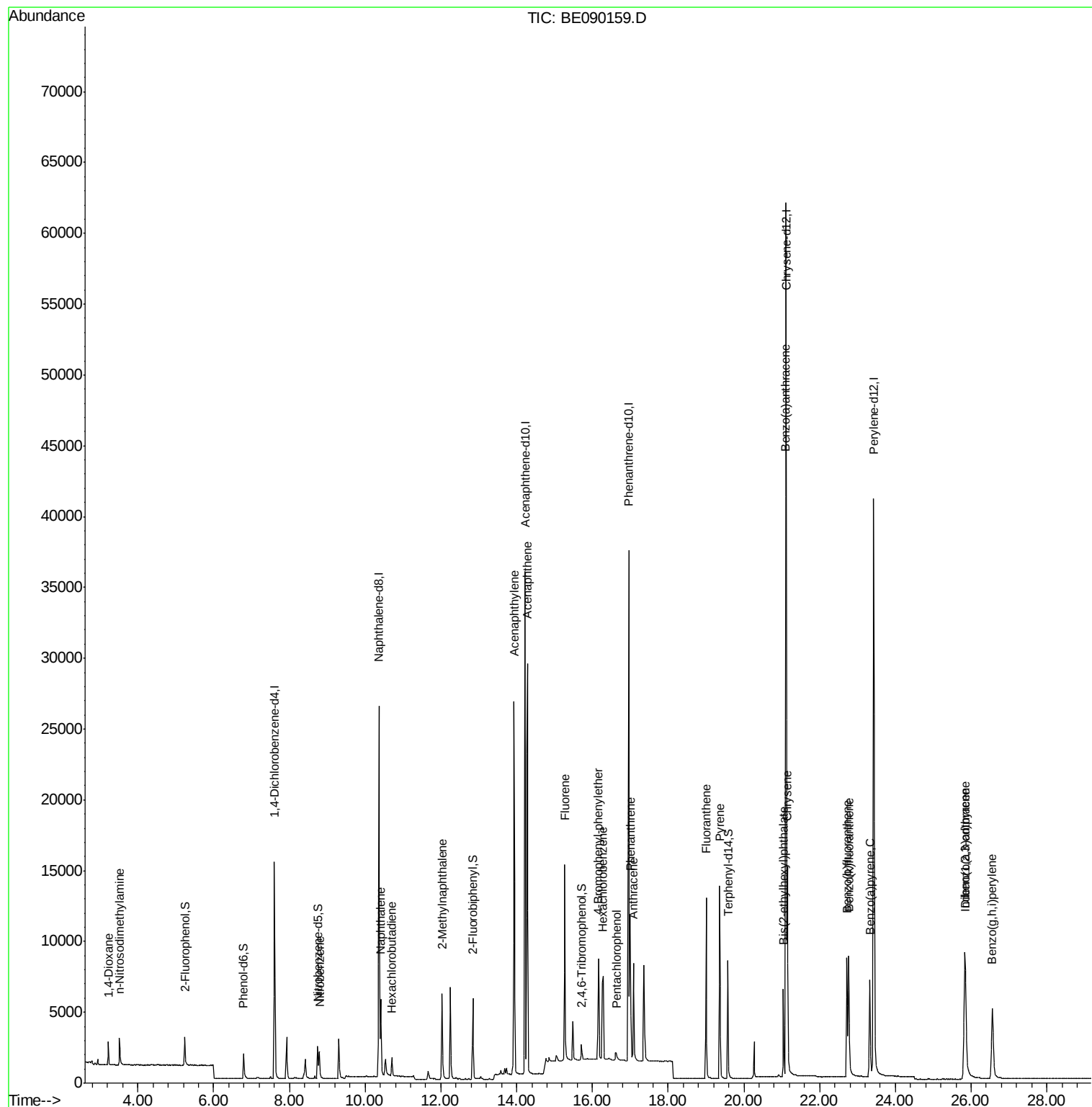
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	956	1.12	ng	98
3) n-Nitrosodimethylamine	3.51	42	1372	1.01	ng	# 91
8) Nitrobenzene	8.79	77	2352	1.00	ng	99
9) Naphthalene	10.42	128	7592	0.98	ng	99
10) Hexachlorobutadiene	10.71	225	963	1.01	ng	96
11) 2-Methylnaphthalene	12.03	142	5038	0.97	ng	98
15) Acenaphthylene	13.93	152	35177	0.98	ng	100
16) Acenaphthene	14.28	154	4887	0.97	ng	97
17) Fluorene	15.28	166	6495	0.95	ng	100
19) 4-Bromophenyl-phenylether	16.16	248	1786	0.98	ng	97
20) Hexachlorobenzene	16.28	284	6284	0.97	ng	98
21) Pentachlorophenol	16.63	266	435	0.80	ng	96
22) Phenanthrene	17.00	178	10849	0.99	ng	99
23) Anthracene	17.08	178	9846	0.96	ng	100
24) Fluoranthene	19.00	202	12005	0.97	ng	100
26) Pyrene	19.36	202	12381	0.95	ng	100
28) Benzo(a)anthracene	21.10	228	12151	0.93	ng	99
29) Chrysene	21.15	228	12850	0.97	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	5499	0.82	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	14395	0.93	ng	100
33) Benzo(b)fluoranthene	22.72	252	11341	0.94	ng	99
34) Benzo(k)fluoranthene	22.77	252	13479	0.98	ng	100
35) Benzo(a)pyrene	23.32	252	11066	0.95	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	11444	0.93	ng	98
37) Benzo(g,h,i)perylene	26.56	276	12187	0.96	ng	98

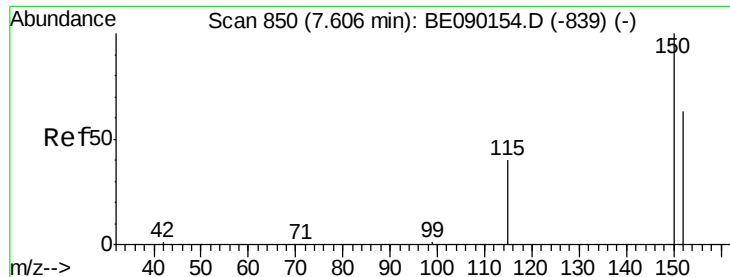
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

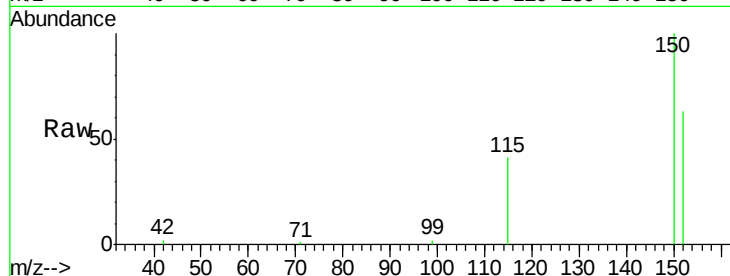
Tot Ion:152 Resp: 7691

Ion Ratio Lower Upper

152 100

150 158.3 127.2 190.8

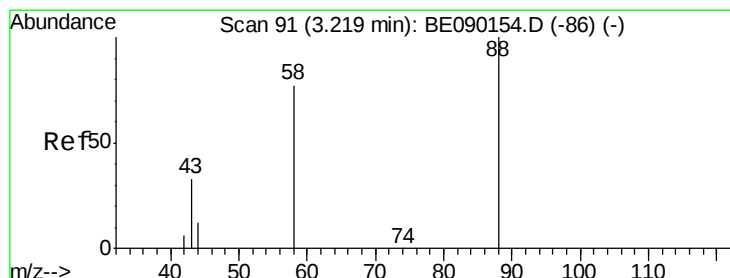
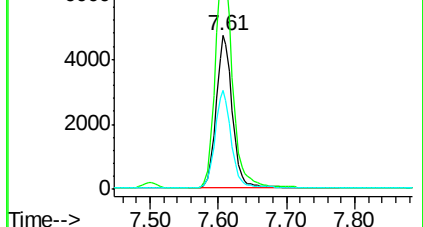
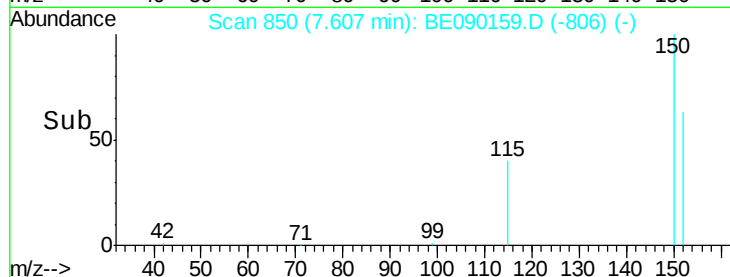
115 64.4 51.6 77.4



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: 1.12 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

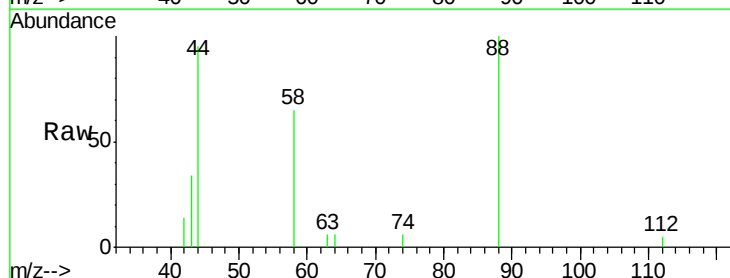
Tgt Ion: 88 Resp: 956

Ion Ratio Lower Upper

88 100

58 73.5 58.2 87.2

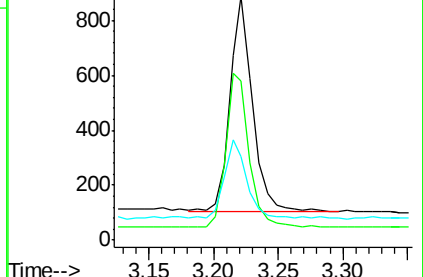
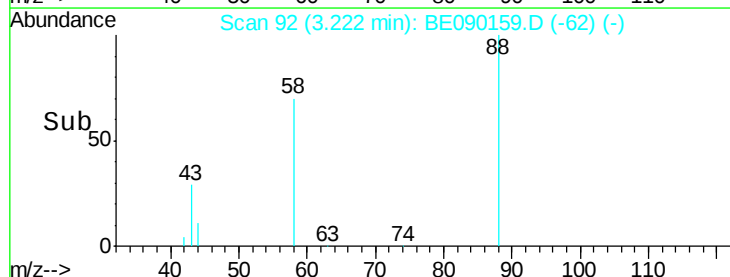
43 36.9 27.7 41.5

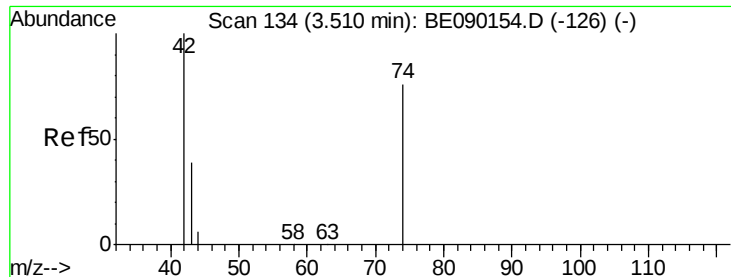


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.51 min Scan# 135

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

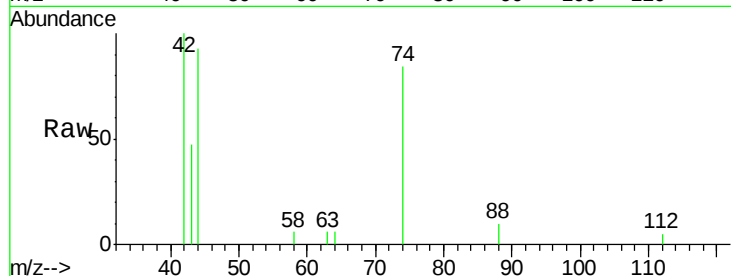
Tot Ion: 42 Resp: 1372

Ion Ratio Lower Upper

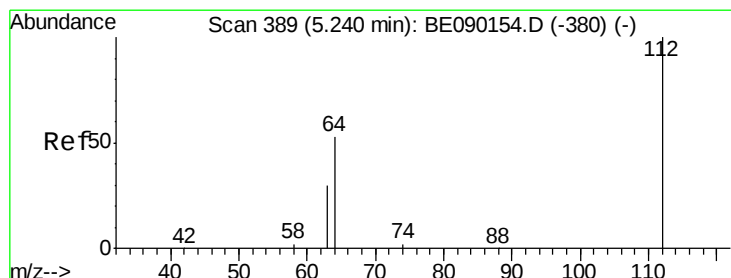
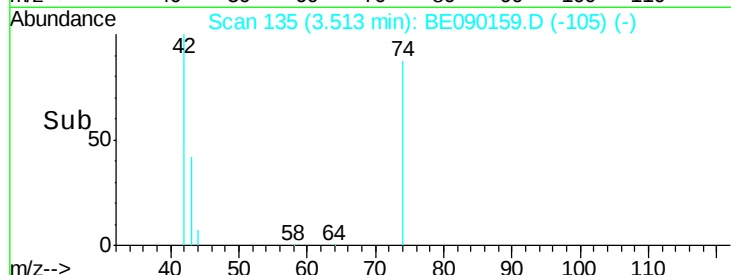
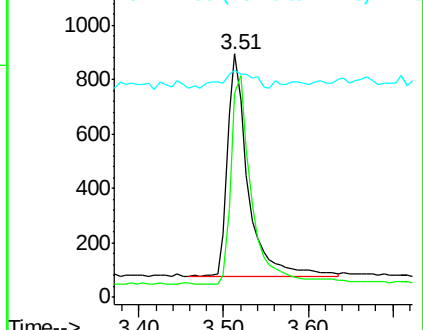
42 100

74 93.4 82.2 123.4

44 12.6 7.5 11.3#



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: 0.98 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

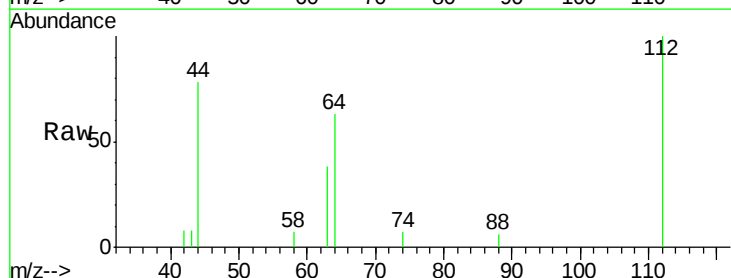
Tgt Ion: 112 Resp: 1768

Ion Ratio Lower Upper

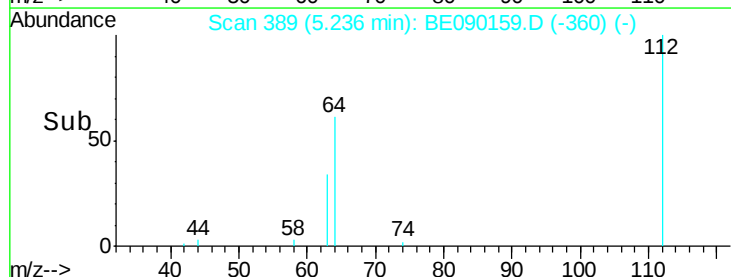
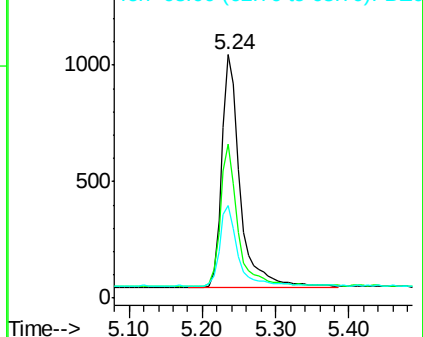
112 100

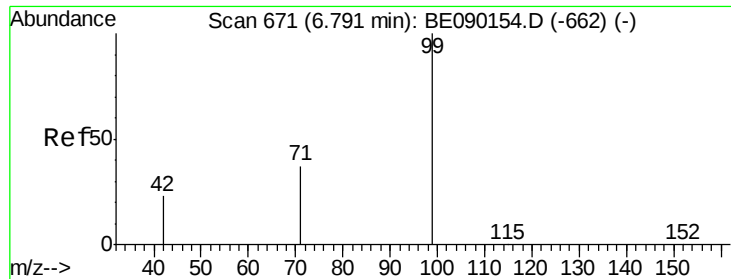
64 57.9 46.7 70.1

63 34.4 27.3 40.9



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: 0.97 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

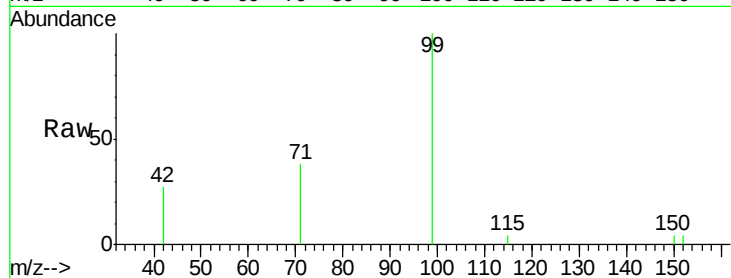
Tot Ion: 99 Resp: 2255

Ion Ratio Lower Upper

99 100

42 26.1 19.1 28.7

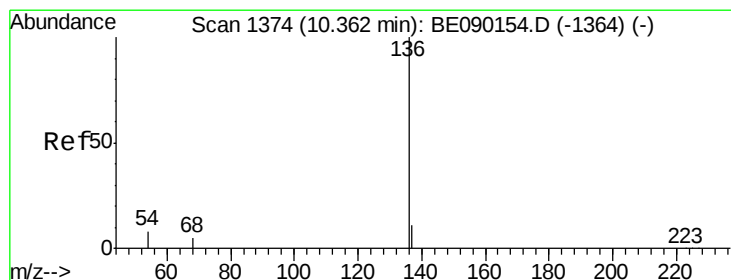
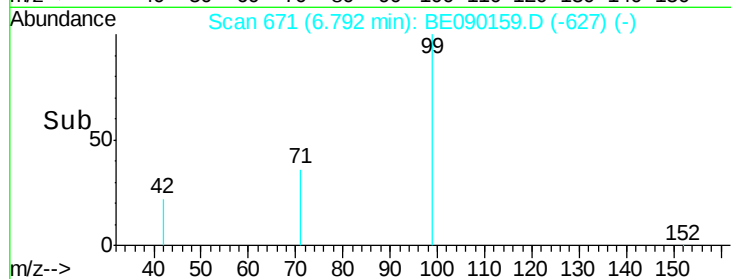
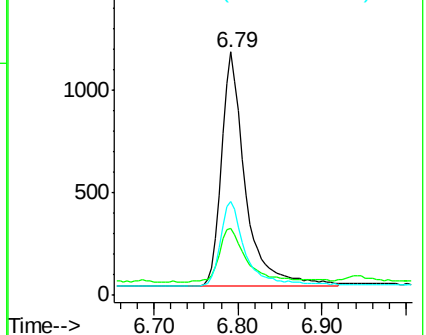
71 37.4 29.4 44.2



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Tgt Ion: 136 Resp: 36037

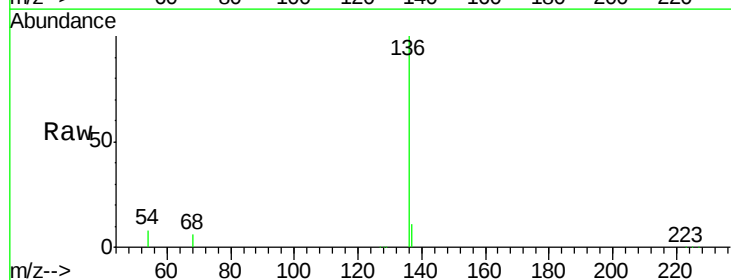
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.3 9.5

68 5.6 4.3 6.5

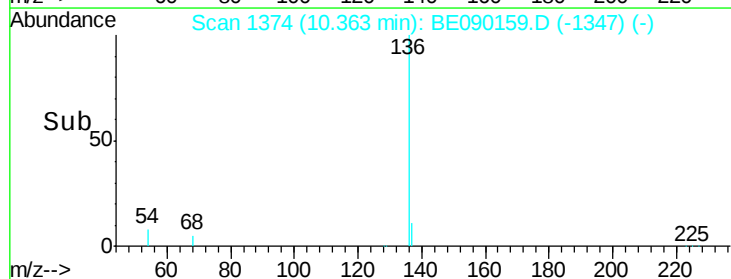
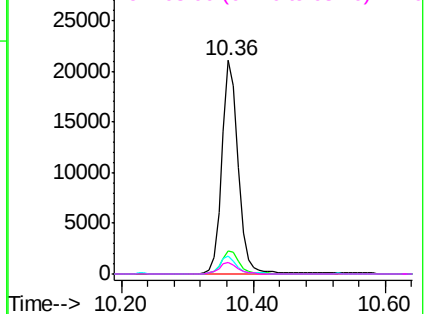


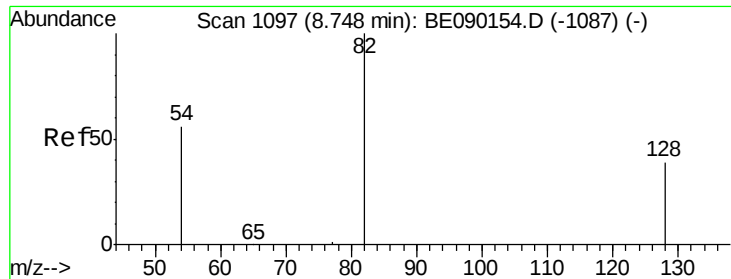
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 0.96 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

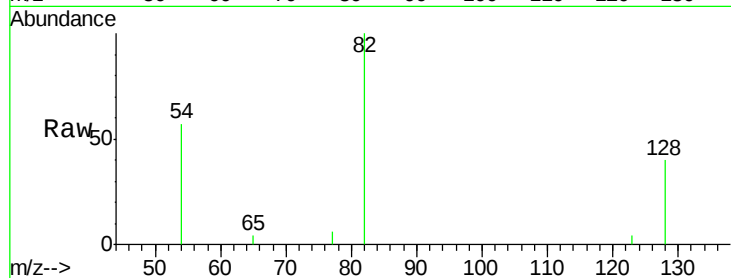
Tot Ion: 82 Resp: 2297

Ion Ratio Lower Upper

82 100

128 39.9 32.7 49.1

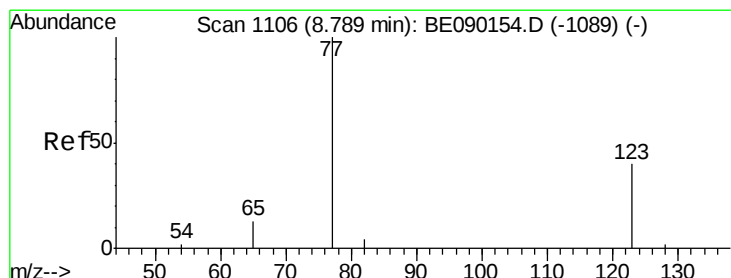
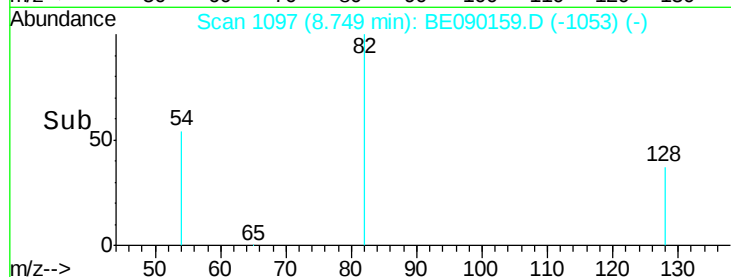
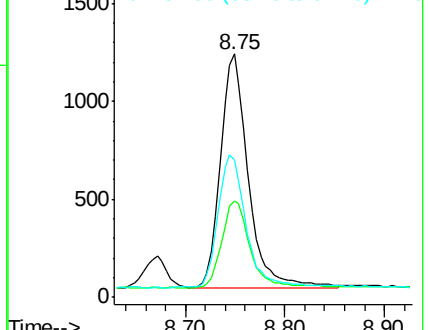
54 56.5 45.9 68.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

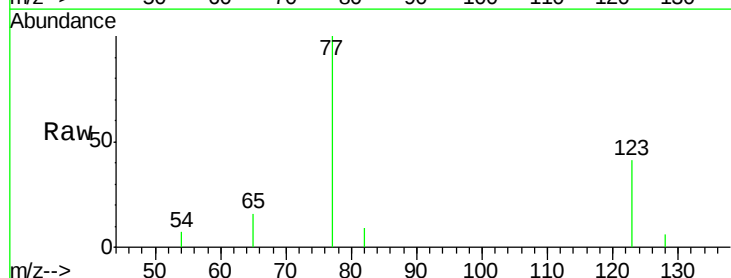
Tgt Ion: 77 Resp: 2352

Ion Ratio Lower Upper

77 100

123 39.5 32.3 48.5

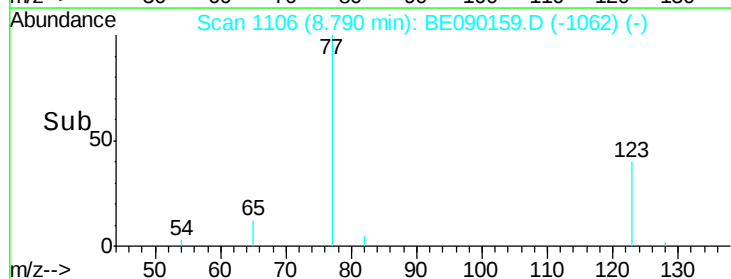
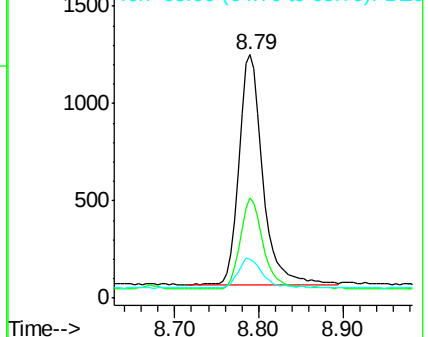
65 12.7 10.4 15.6

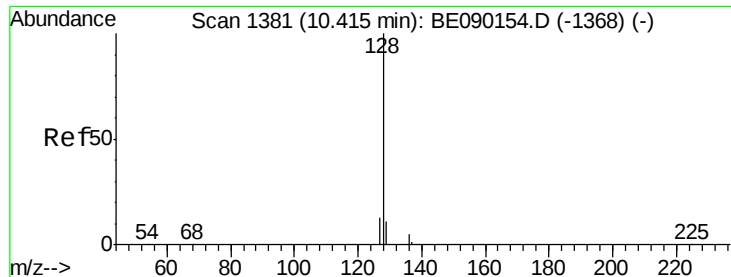


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.42 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

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ClientSampleId :

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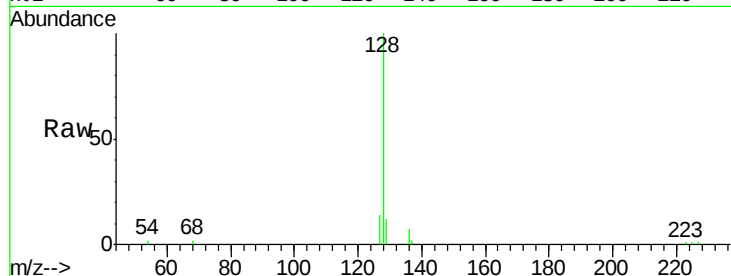
Tot Ion:128 Resp: 7592

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.6

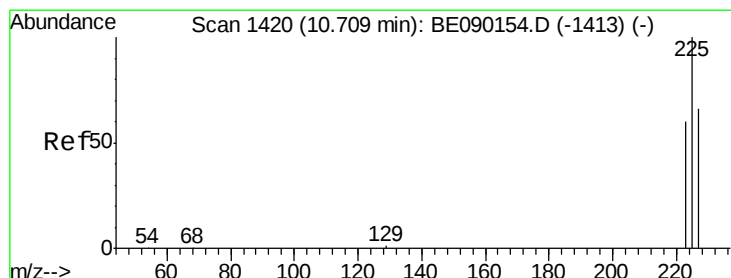
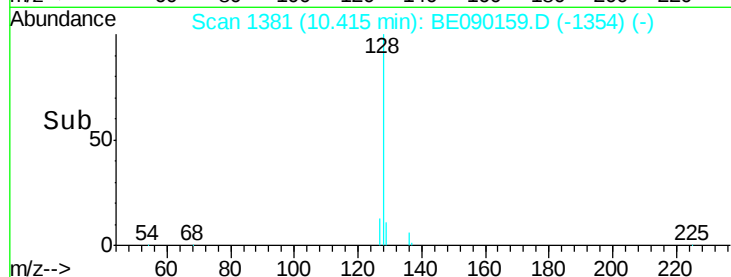
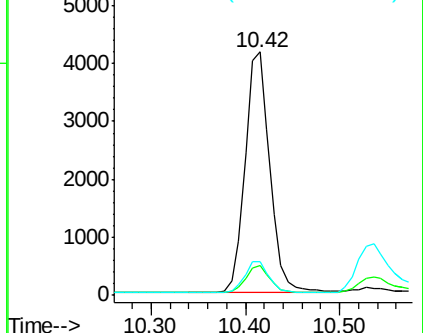
127 14.0 10.7 16.1



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

Hexachlorobutadiene

Concen: 1.01 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

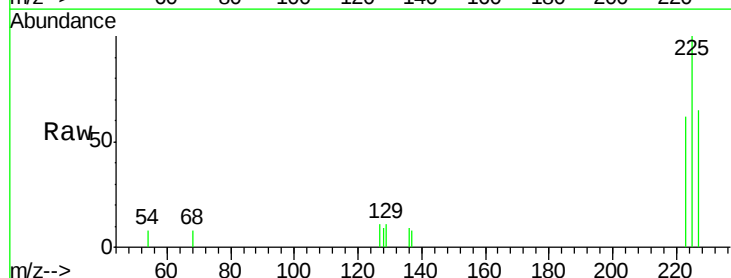
Tgt Ion:225 Resp: 963

Ion Ratio Lower Upper

225 100

223 60.0 50.3 75.5

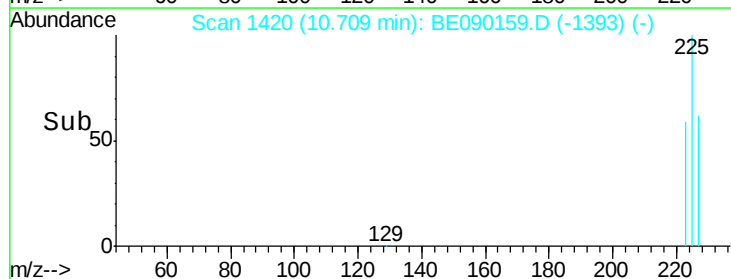
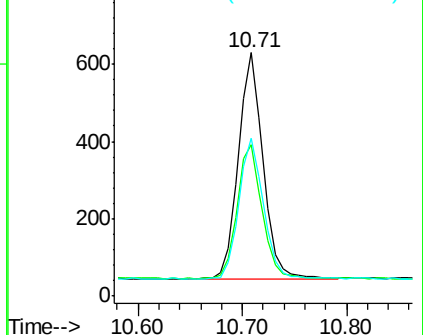
227 61.4 51.3 76.9

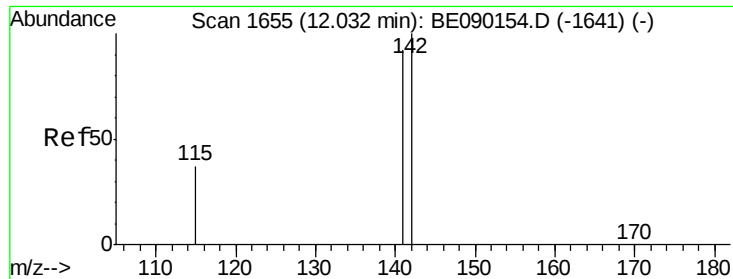


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

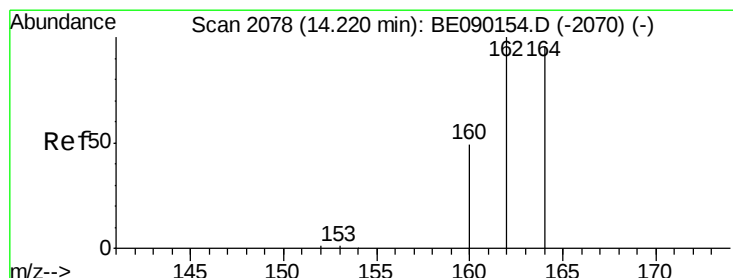
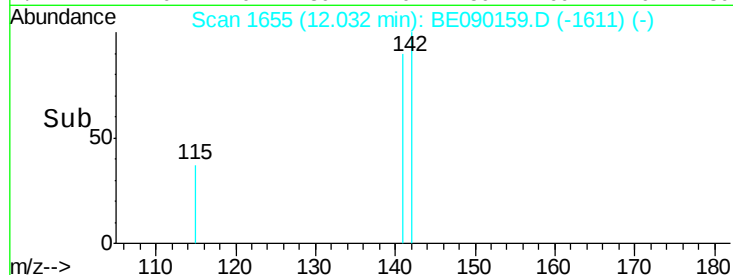
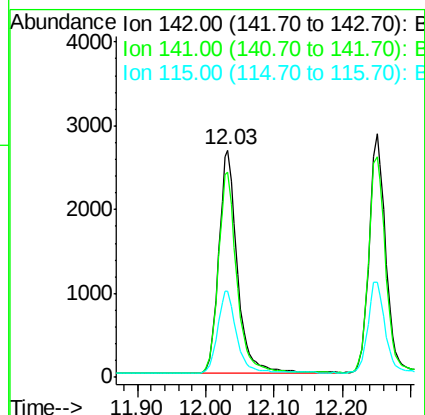
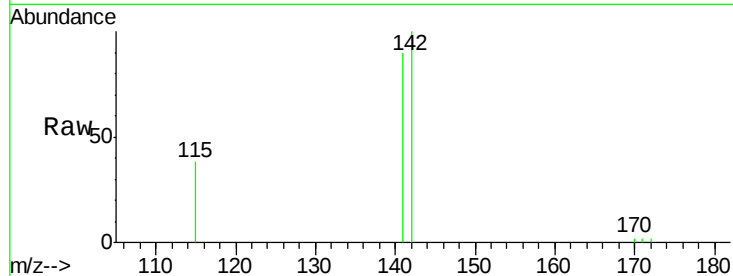




#11
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.03 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

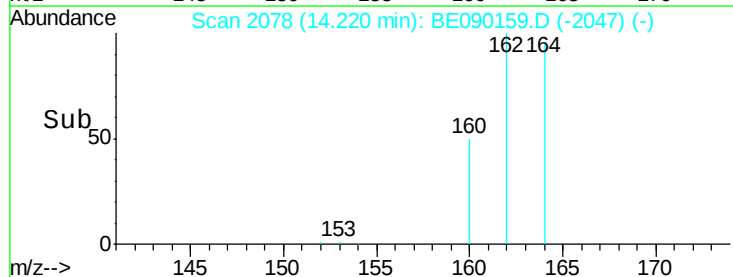
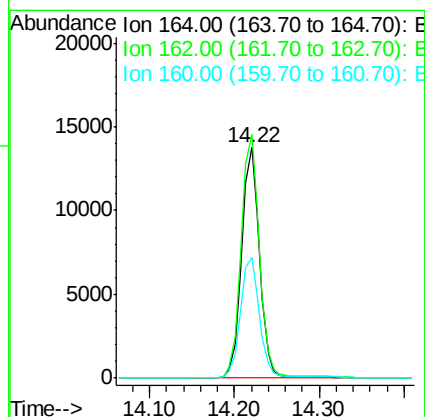
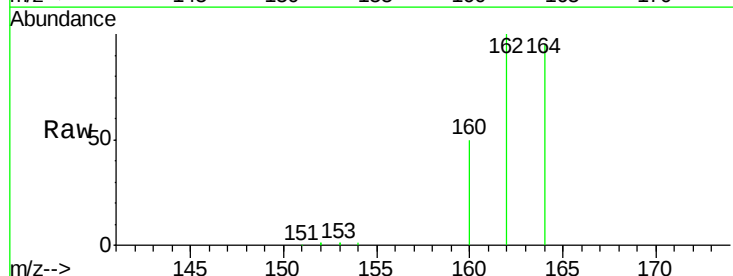
Instrument :
BNA_E
ClientSampleId :
ICVBE071715

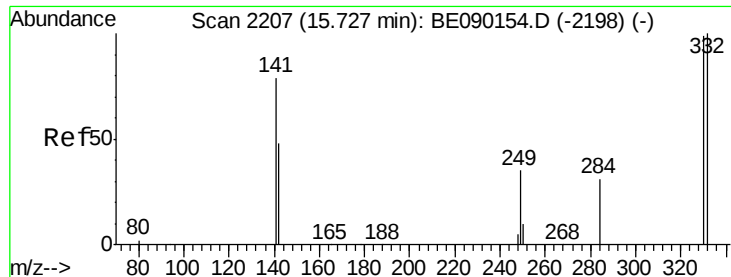
Tot Ion:142 Resp: 5038
Ion Ratio Lower Upper
142 100
141 90.1 73.9 110.9
115 37.8 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

Tgt Ion:164 Resp: 19859
Ion Ratio Lower Upper
164 100
162 105.6 83.3 124.9
160 52.6 40.9 61.3

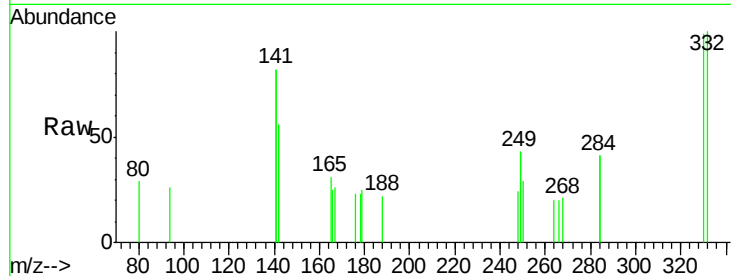




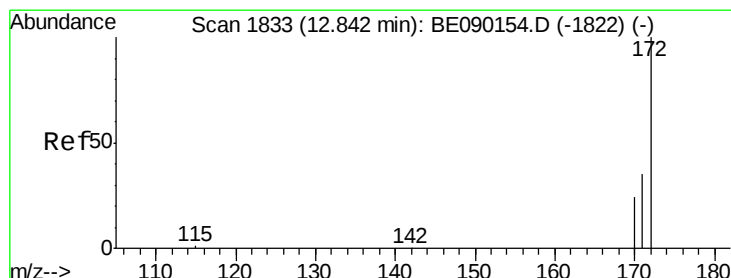
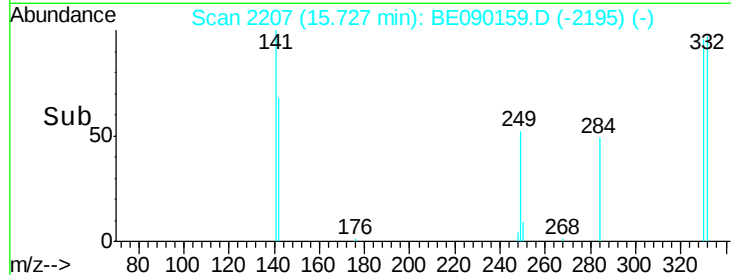
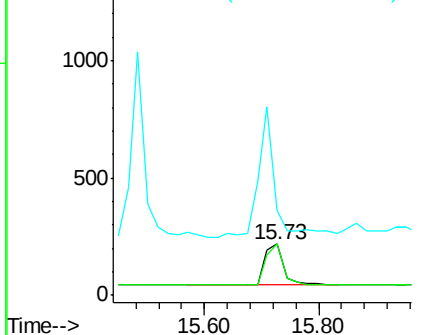
#13
 2,4,6-Tribromophenol
 Concen: 0.85 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071715

Tot Ion:330 Resp: 401
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 266.6 215.8 323.6

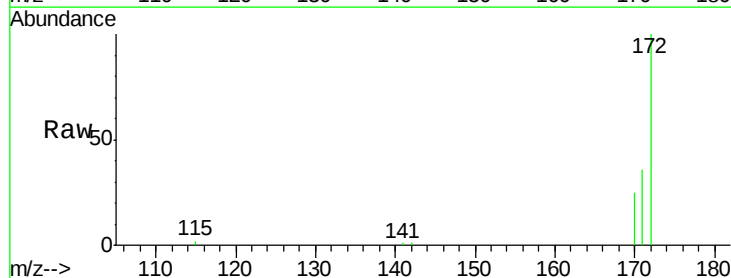


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

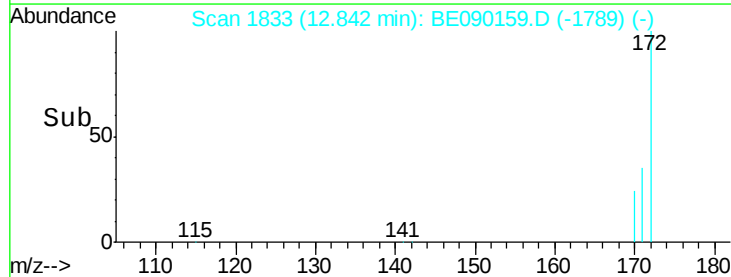
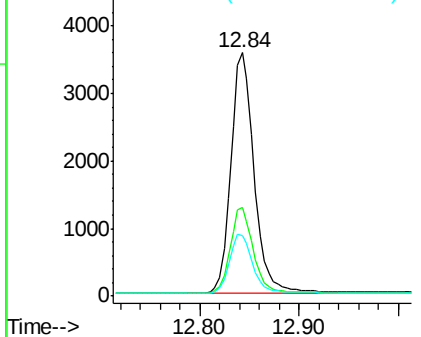


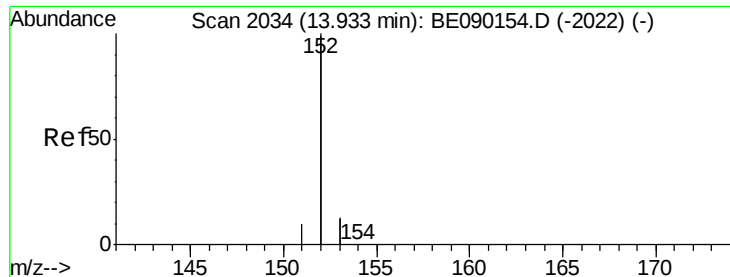
#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

Tgt Ion:172 Resp: 5788
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.8 19.7 29.5



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





#15

Acenaphthylene

Concen: 0.98 ng

RT: 13.93 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

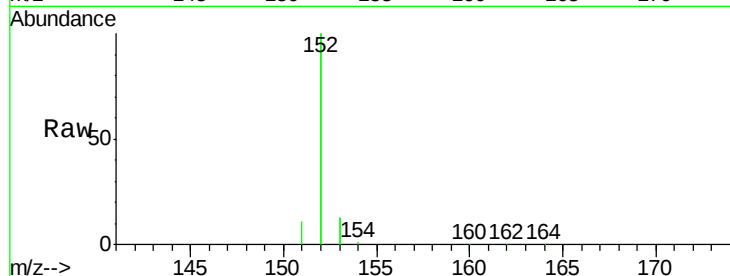
Tot Ion:152 Resp: 35177

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

153 13.0 10.4 15.6



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

13.93

20000

15000

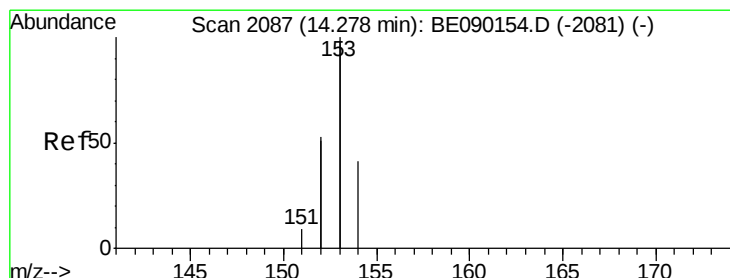
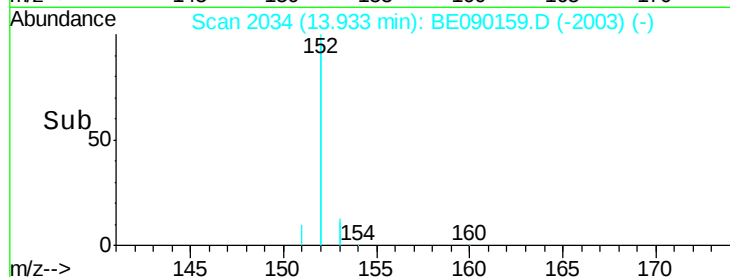
10000

5000

0

Time-->

13.80 14.00



#16

Acenaphthene

Concen: 0.97 ng

RT: 14.28 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

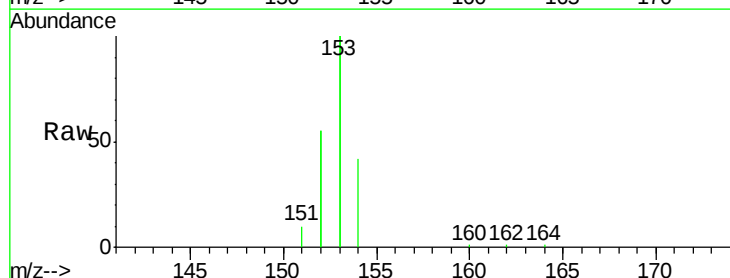
Tgt Ion:154 Resp: 4887

Ion Ratio Lower Upper

154 100

153 476.8 376.9 565.3

152 256.5 199.0 298.6



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

14.28

20000

15000

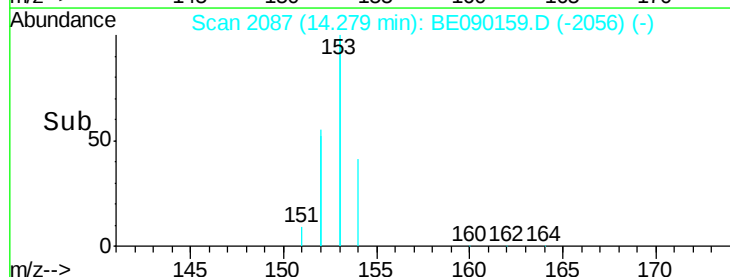
10000

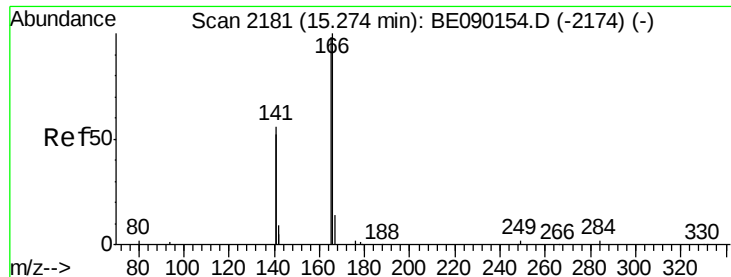
5000

0

Time-->

14.20 14.25 14.30 14.35

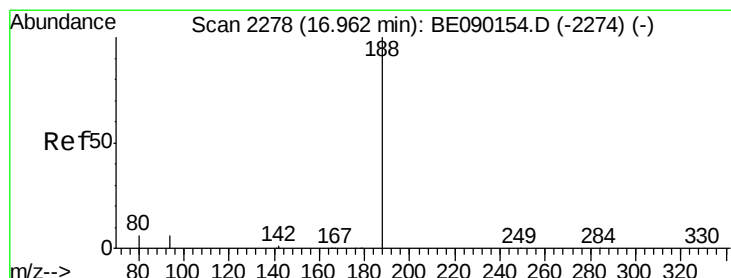
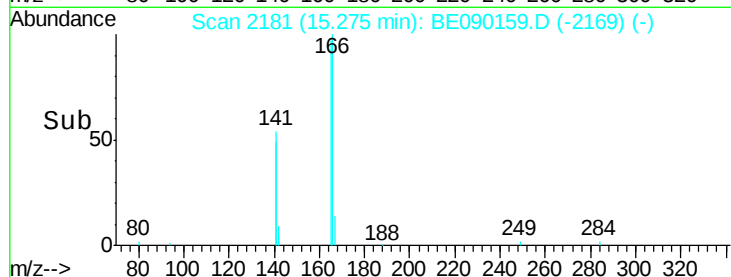
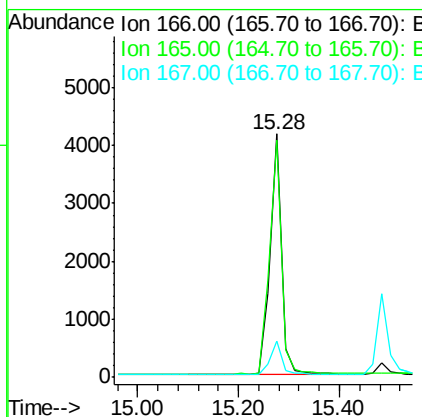
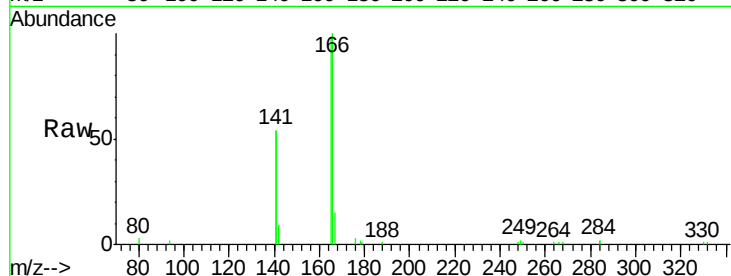




#17
Fluorene
 Concen: 0.95 ng
 RT: 15.28 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

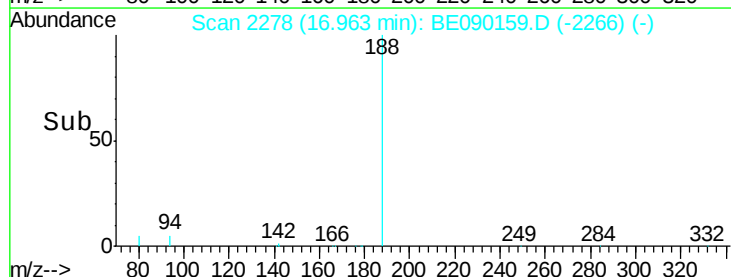
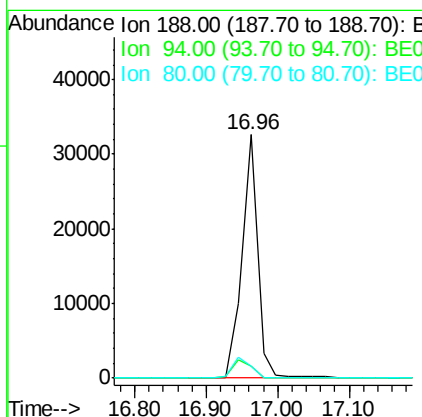
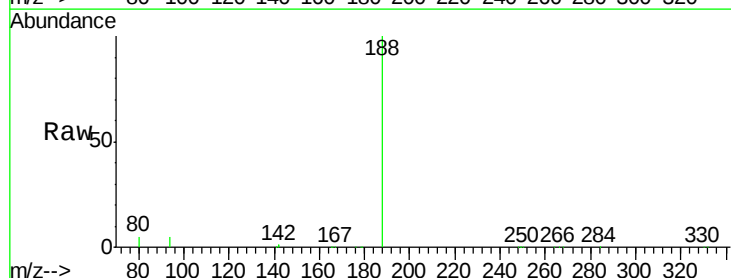
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071715

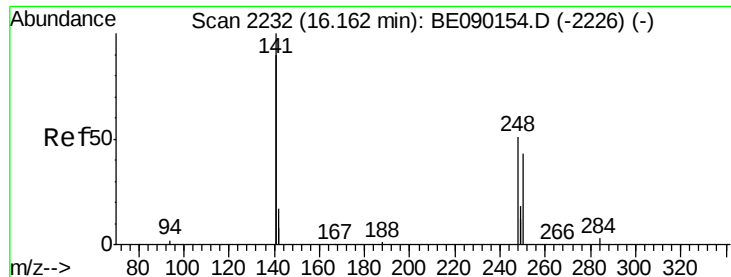
Tot Ion:166 Resp: 6495
 Ion Ratio Lower Upper
 166 100
 165 101.7 81.5 122.3
 167 14.4 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

Tgt Ion:188 Resp: 48960
 Ion Ratio Lower Upper
 188 100
 94 5.0 4.6 7.0
 80 5.0 4.6 6.8

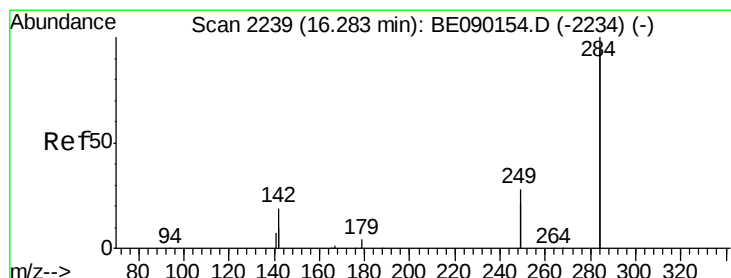
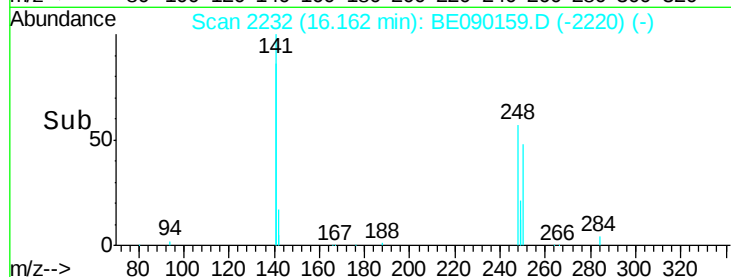
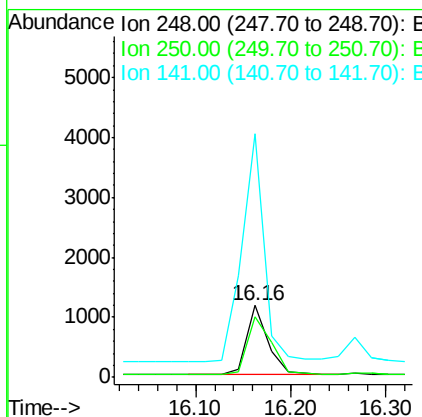
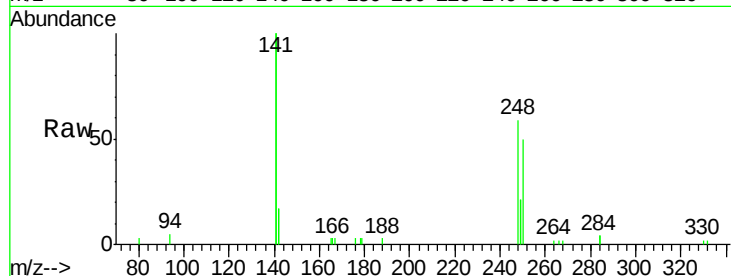




#19
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 16.16 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

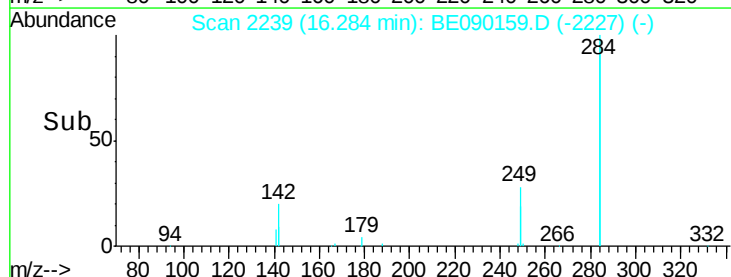
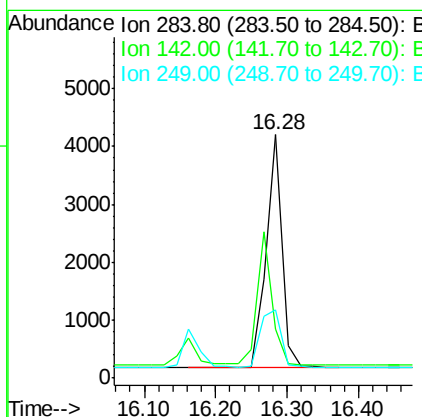
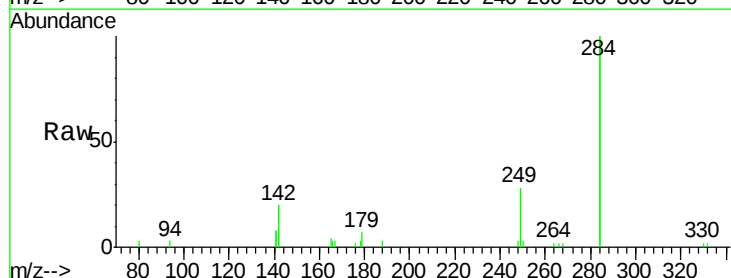
Instrument :
BNA_E
ClientSampleId :
ICVBE071715

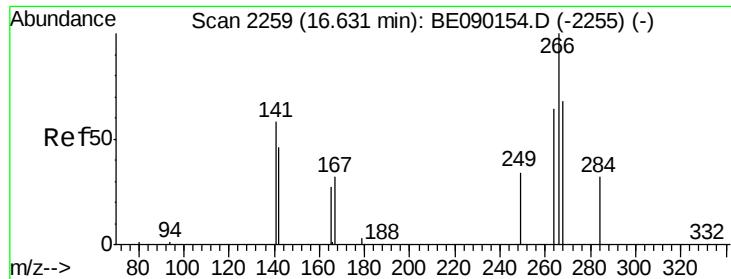
Tot Ion:248 Resp: 1786
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.0
141 343.9 281.3 421.9



#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.28 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

Tgt Ion:284 Resp: 6284
Ion Ratio Lower Upper
284 100
142 54.3 42.2 63.2
249 32.5 25.5 38.3

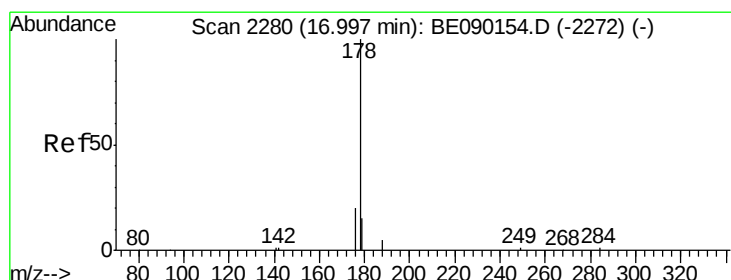
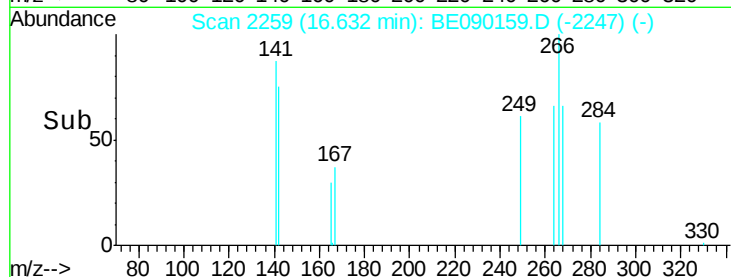
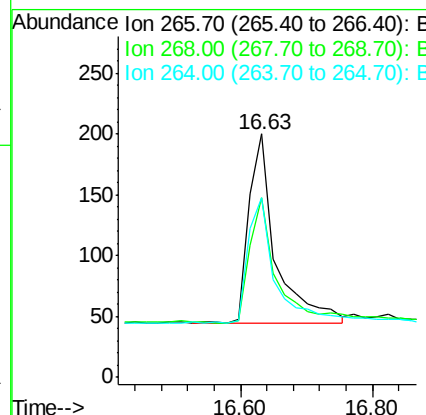
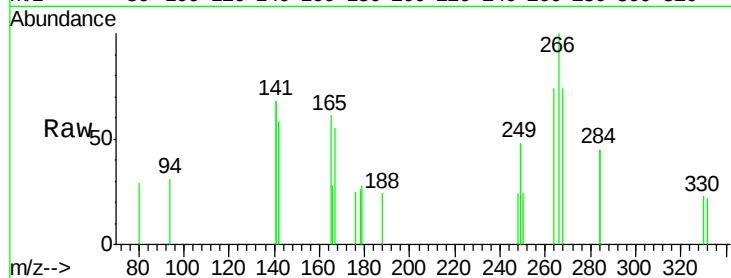




#21
 Pentachlorophenol
 Concen: 0.80 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

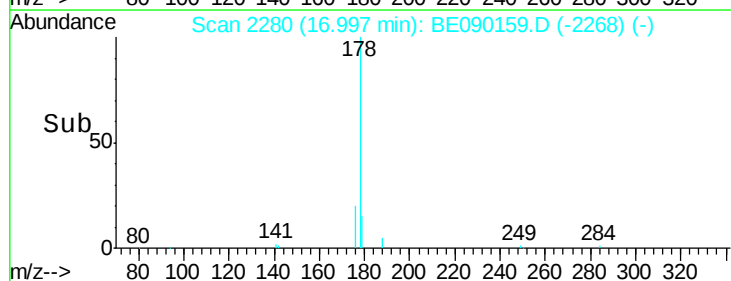
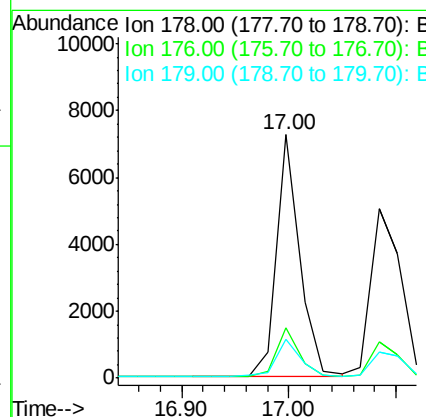
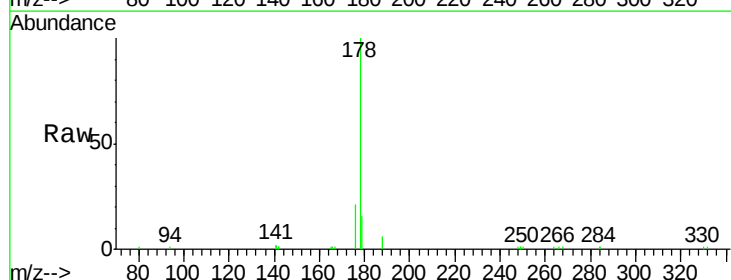
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071715

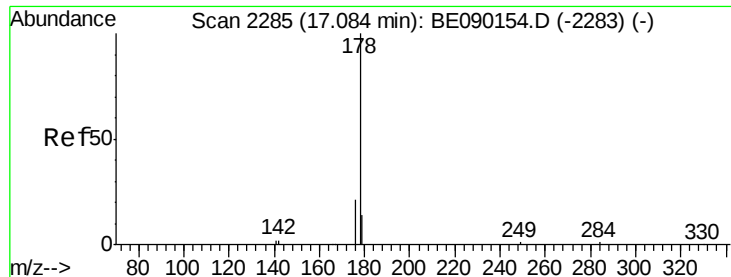
Tot Ion:266 Resp: 435
 Ion Ratio Lower Upper
 266 100
 268 74.0 58.2 87.4
 264 74.0 55.0 82.4



#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE090159.D
 Acq: 17 Jul 2015 23:24

Tgt Ion:178 Resp: 10849
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.0 12.5 18.7





#23

Anthracene

Concen: 0.96 ng

RT: 17.08 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

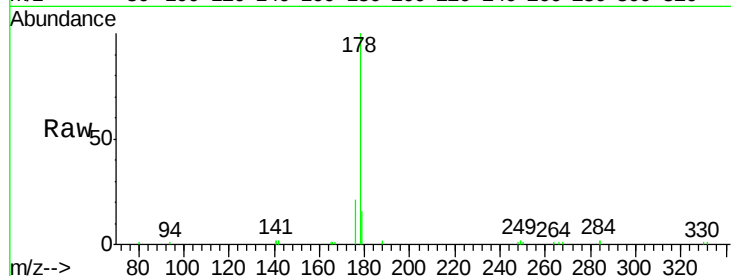
Tot Ion:178 Resp: 9846

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

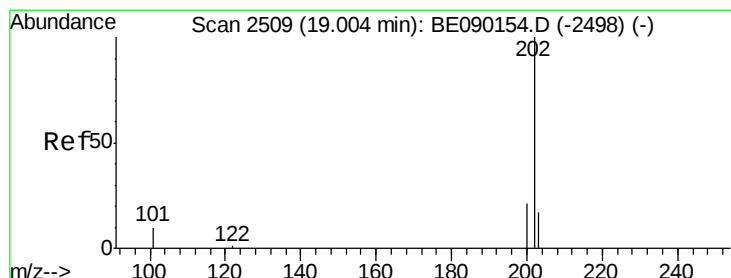
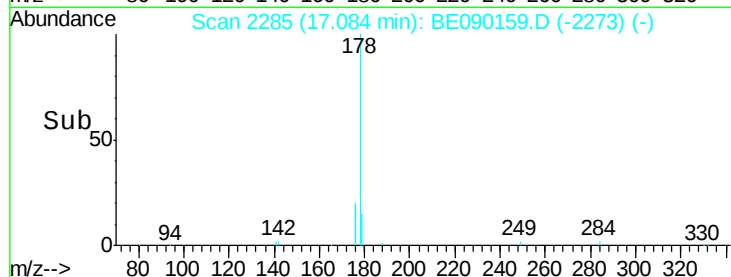
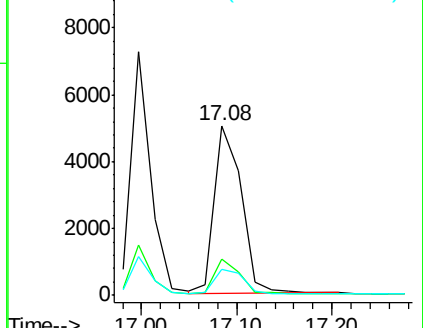
179 15.4 12.2 18.2



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

Fluoranthene

Concen: 0.97 ng

RT: 19.00 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

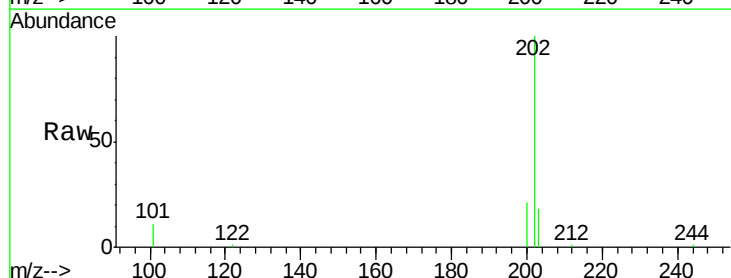
Tgt Ion:202 Resp: 12005

Ion Ratio Lower Upper

202 100

101 10.7 8.5 12.7

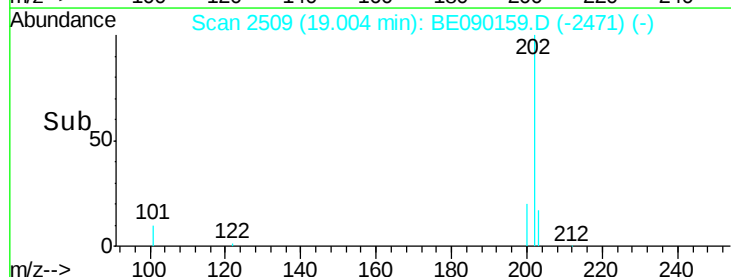
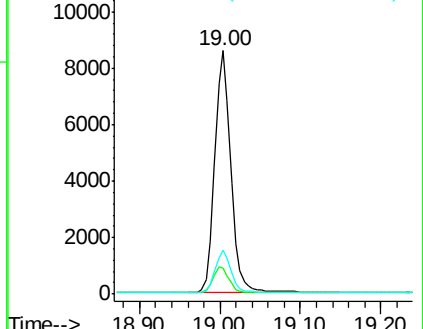
203 17.5 13.9 20.9

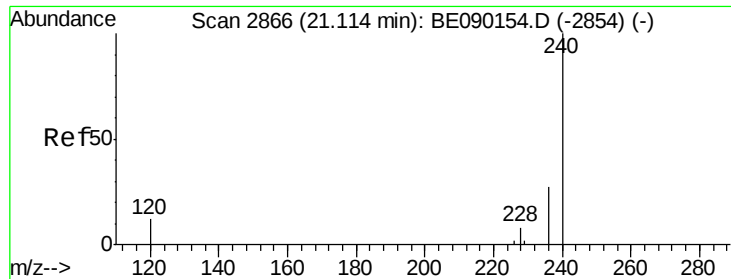


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

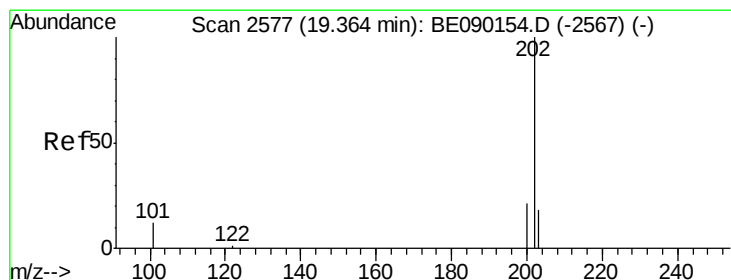
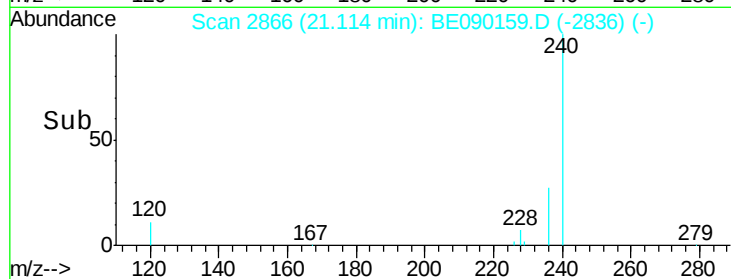
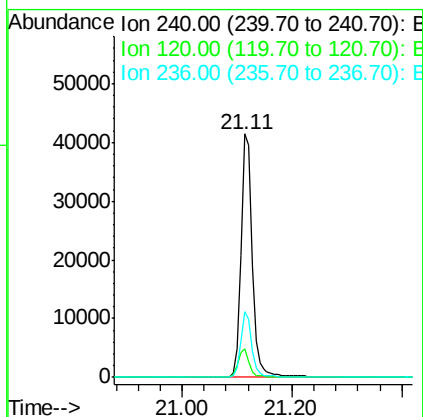
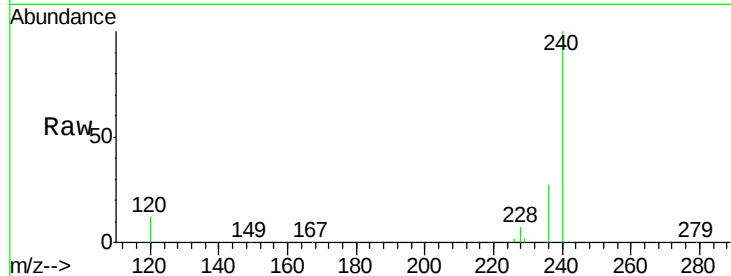




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

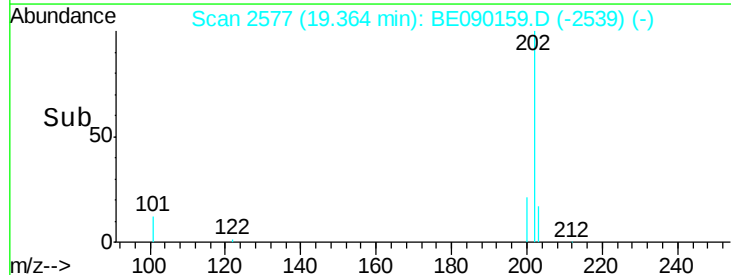
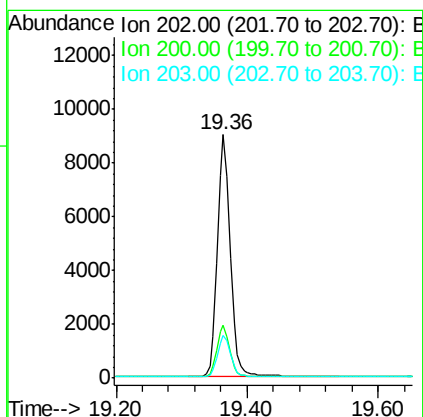
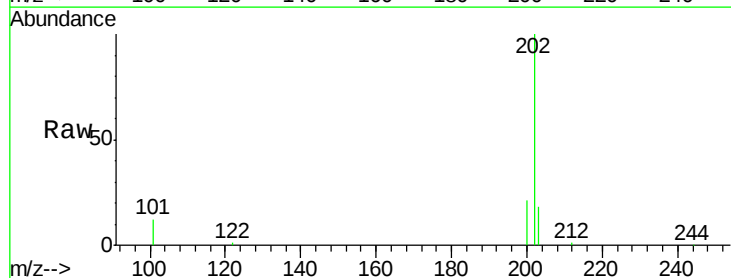
Instrument :
BNA_E
ClientSampleId :
ICVBE071715

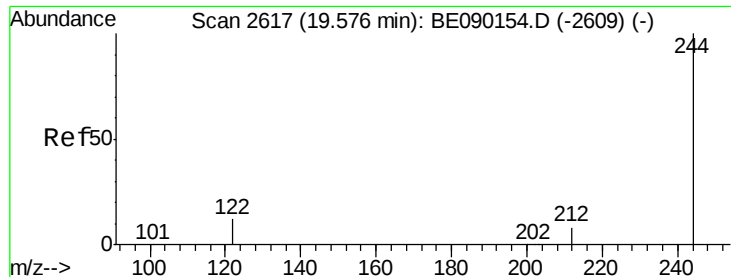
Tot Ion:240 Resp: 57261
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 27.2 21.8 32.8



#26
Pyrene
Concen: 0.95 ng
RT: 19.36 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BE090159.D
Acq: 17 Jul 2015 23:24

Tgt Ion:202 Resp: 12381
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 14.1 21.1





#27

Terphenyl-d14

Concen: 0.96 ng

RT: 19.58 min Scan# 2617

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

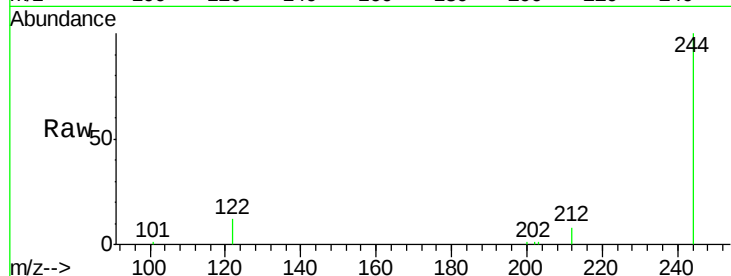
Tot Ion:244 Resp: 9162

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

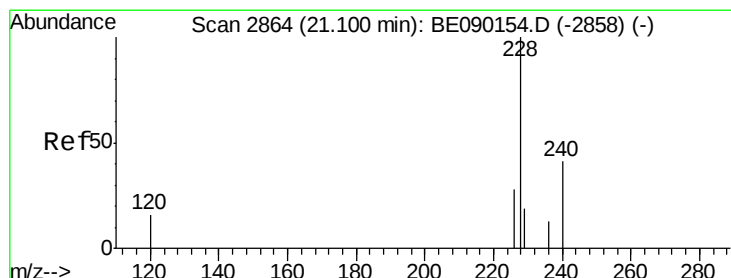
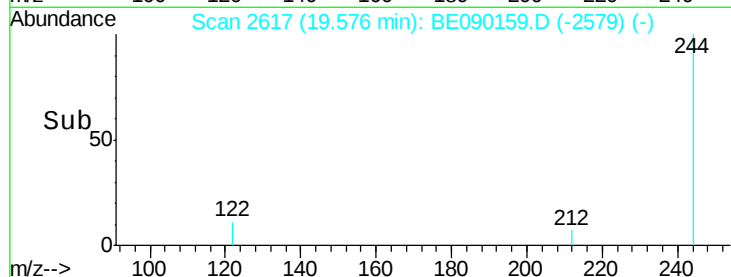
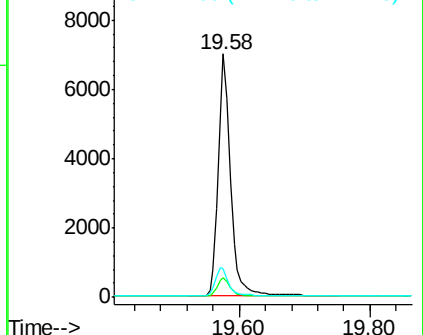
122 11.9 9.8 14.6



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



#28

Benzo(a)anthracene

Concen: 0.93 ng

RT: 21.10 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

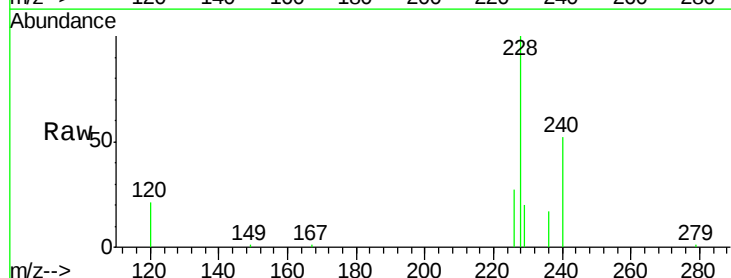
Tgt Ion:228 Resp: 12151

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

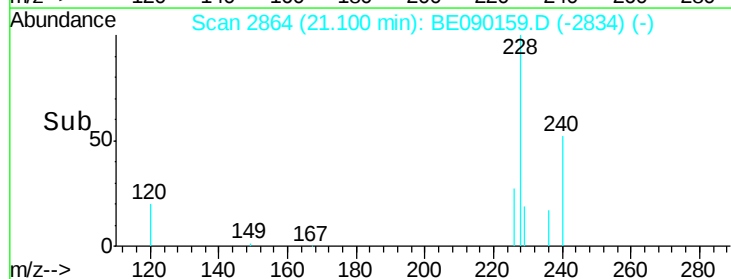
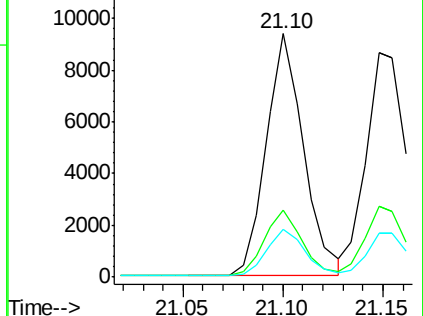
229 19.6 15.7 23.5

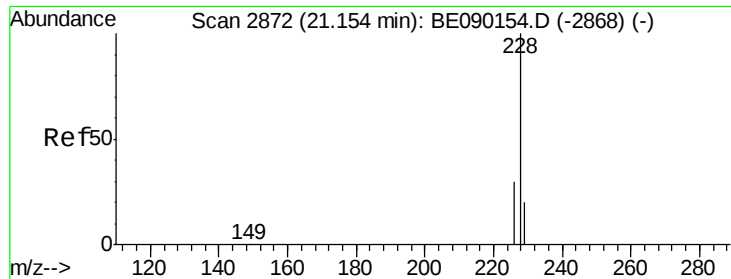


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.97 ng

RT: 21.15 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

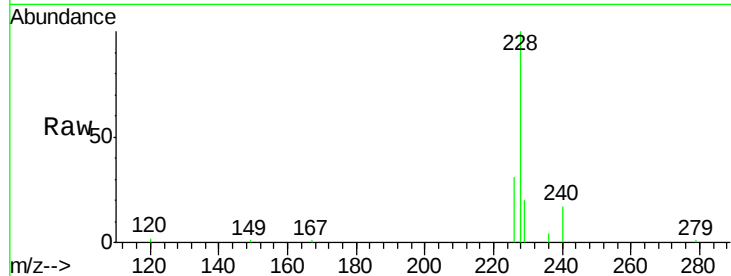
Tot Ion:228 Resp: 12850

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.8

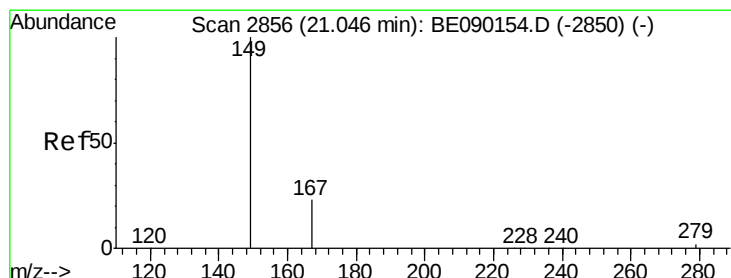
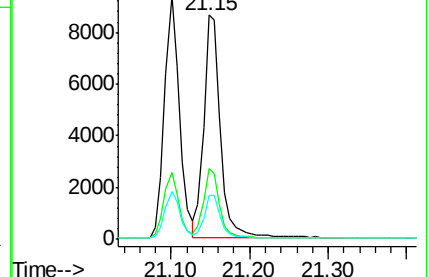
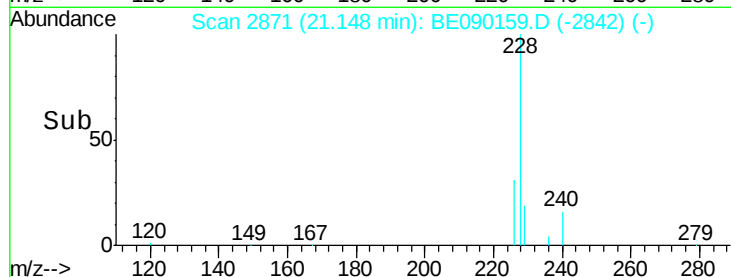
229 19.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.82 ng

RT: 21.05 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

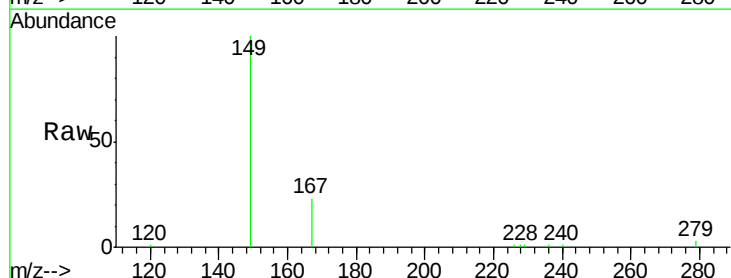
Tgt Ion:149 Resp: 5499

Ion Ratio Lower Upper

149 100

167 23.2 18.6 28.0

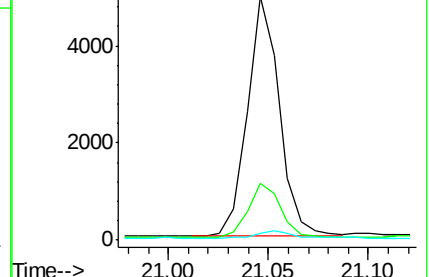
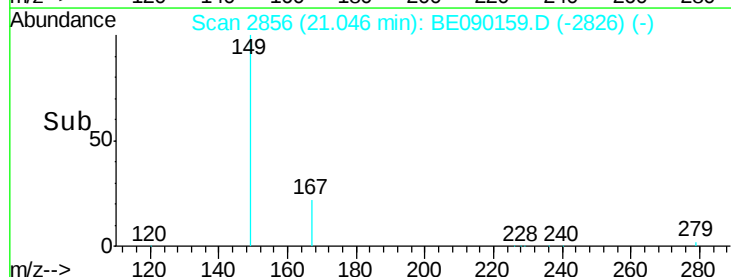
279 2.7 2.2 3.4

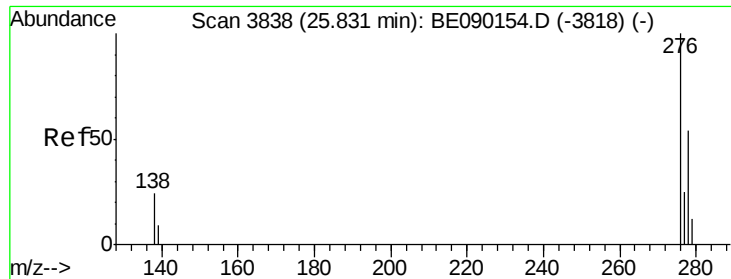


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.93 ng

RT: 25.83 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

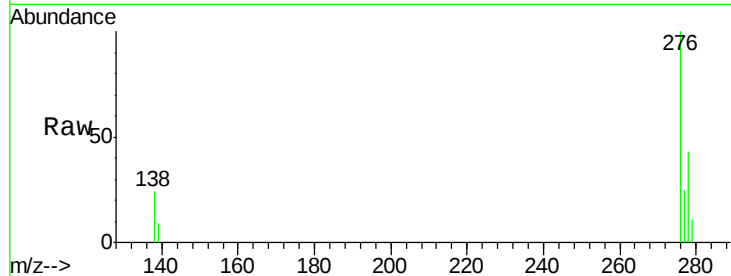
Tot Ion:276 Resp: 14395

Ion Ratio Lower Upper

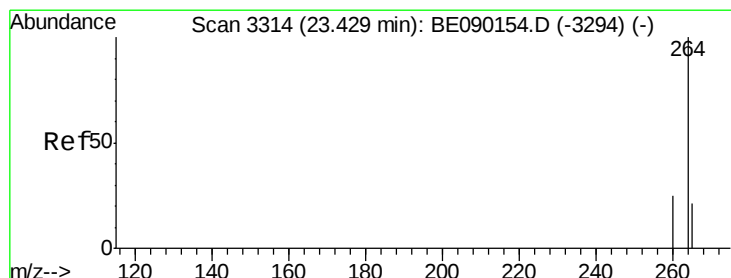
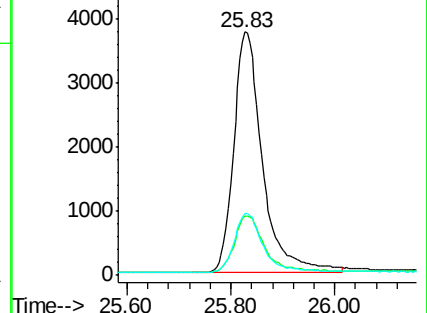
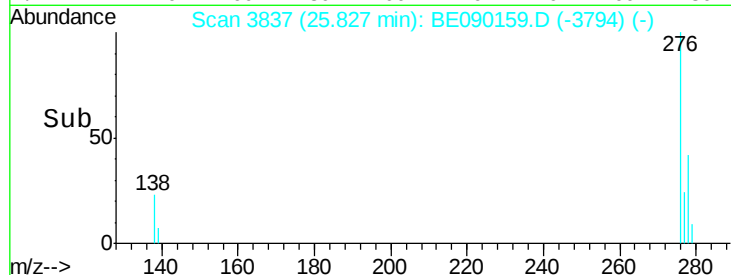
276 100

138 24.4 19.5 29.3

277 24.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

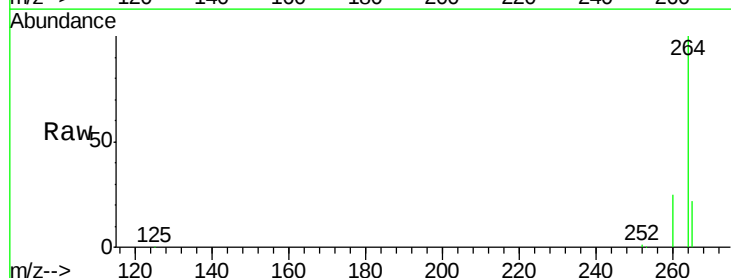
Tgt Ion:264 Resp: 57757

Ion Ratio Lower Upper

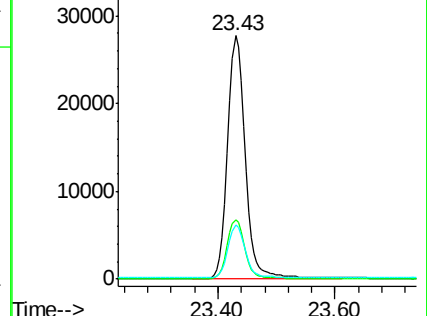
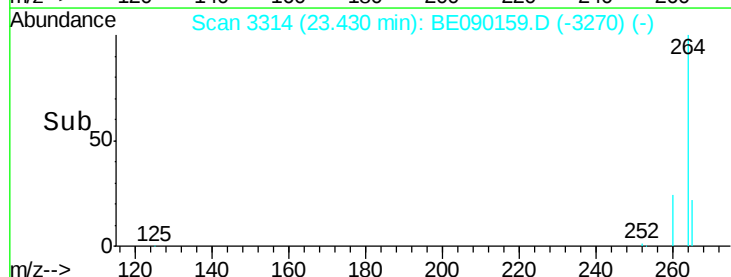
264 100

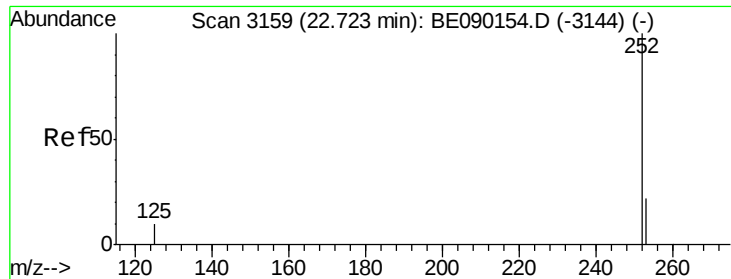
260 24.6 19.8 29.8

265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.94 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

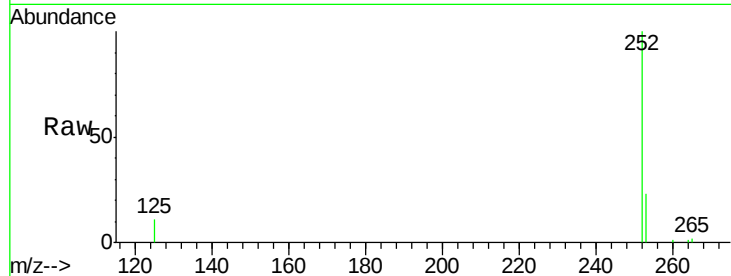
Tot Ion:252 Resp: 11341

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

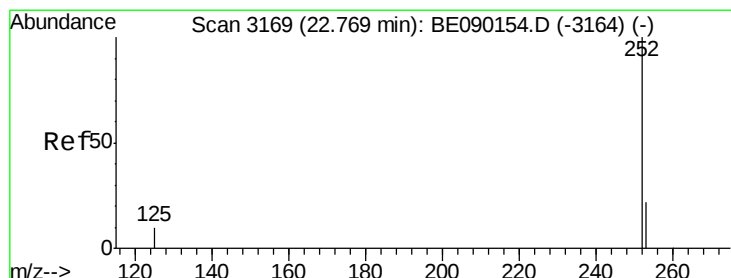
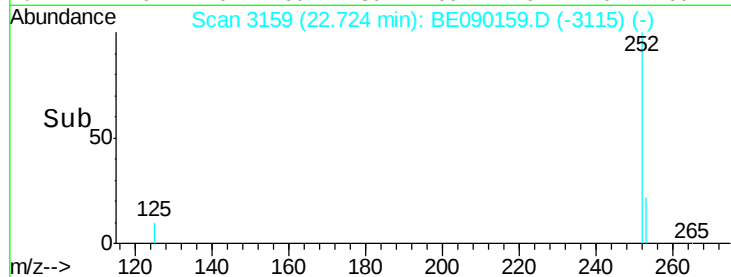
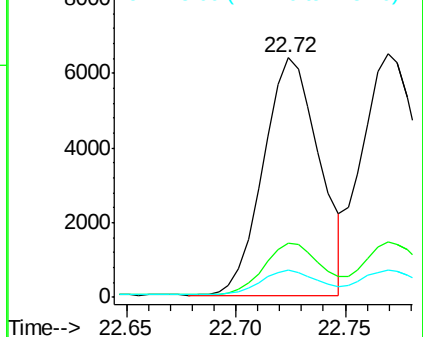
125 11.1 8.7 13.1



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



#34

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.77 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

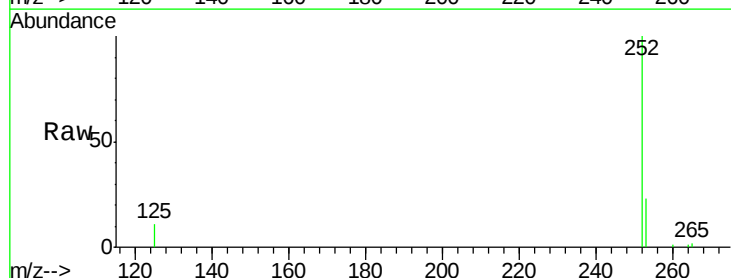
Tgt Ion:252 Resp: 13479

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

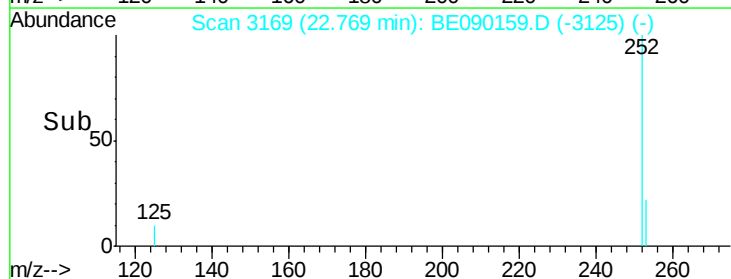
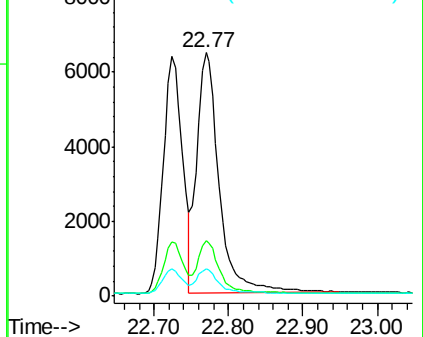
125 11.2 8.7 13.1

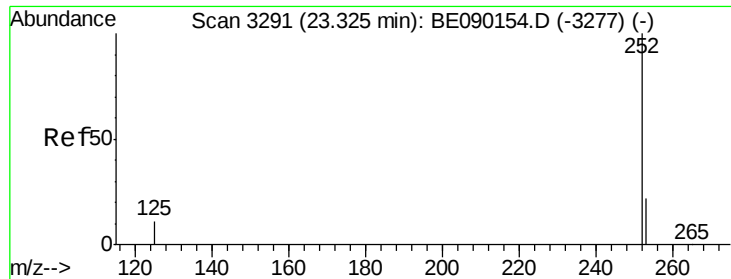


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.32 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

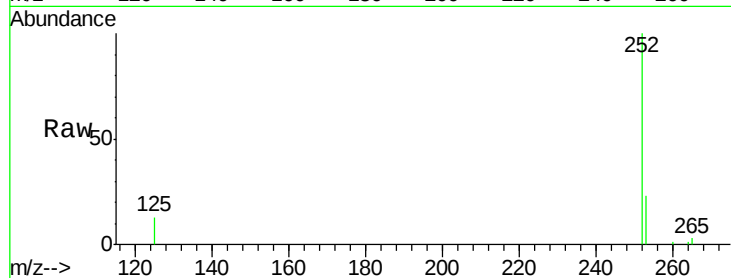
Tot Ion:252 Resp: 11066

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

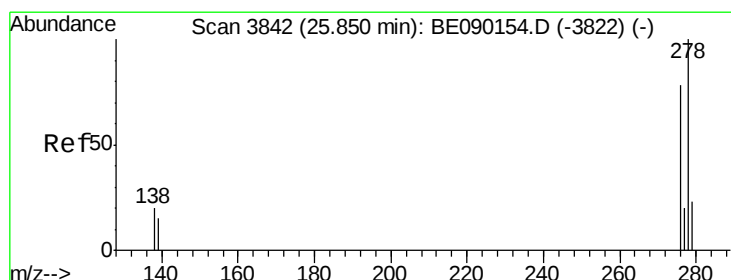
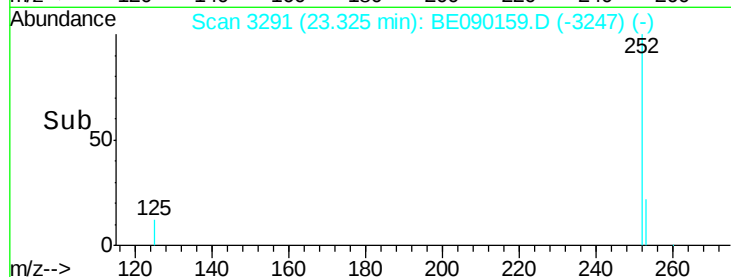
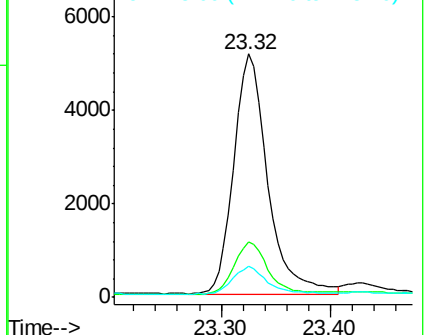
125 12.9 9.4 14.0



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



#36

Dibenzo(a,h)anthracene

Concen: 0.93 ng

RT: 25.85 min Scan# 3842

Delta R.T. 0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

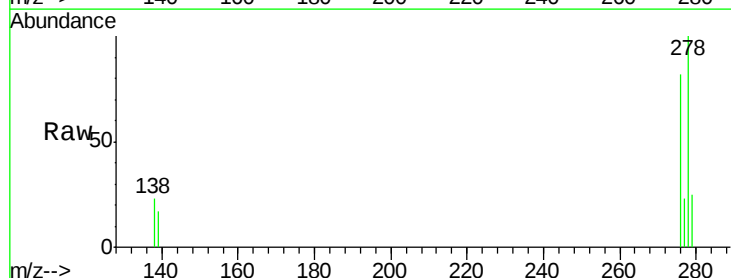
Tgt Ion:278 Resp: 11444

Ion Ratio Lower Upper

278 100

139 17.3 12.9 19.3

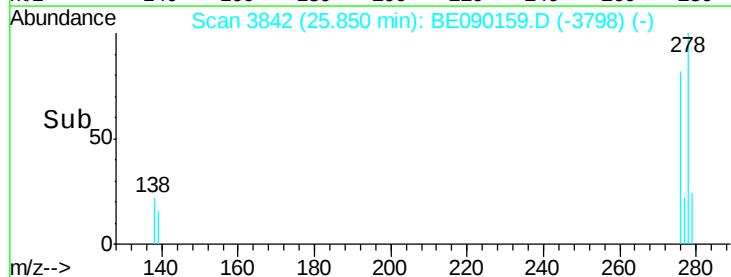
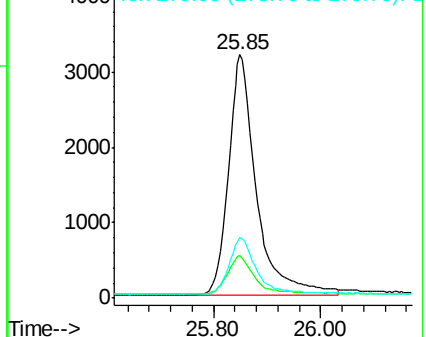
279 24.9 19.3 28.9

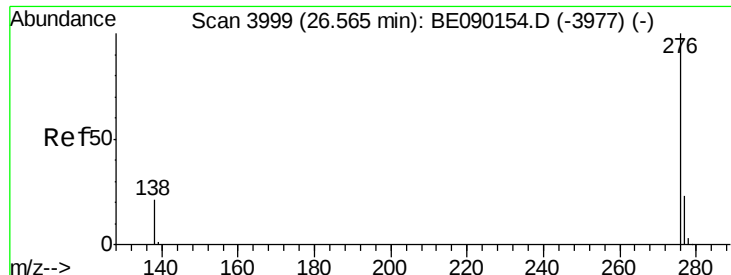


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.96 ng

RT: 26.56 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BE090159.D

Acq: 17 Jul 2015 23:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071715

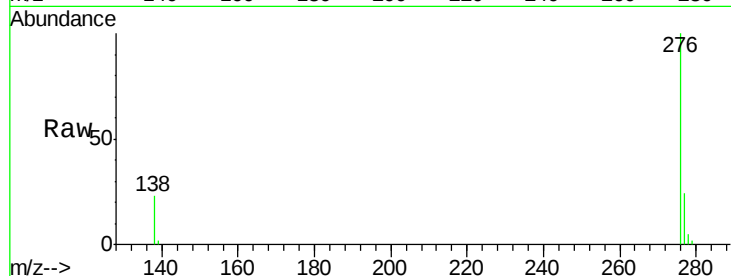
Tot Ion: 276 Resp: 12187

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 22.9 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

