

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090317.D
 Acq On : 3 Aug 2015 19:58
 Operator : TP/UM
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 04 01:35:50 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:38:34 2015
 Response via : Initial Calibration

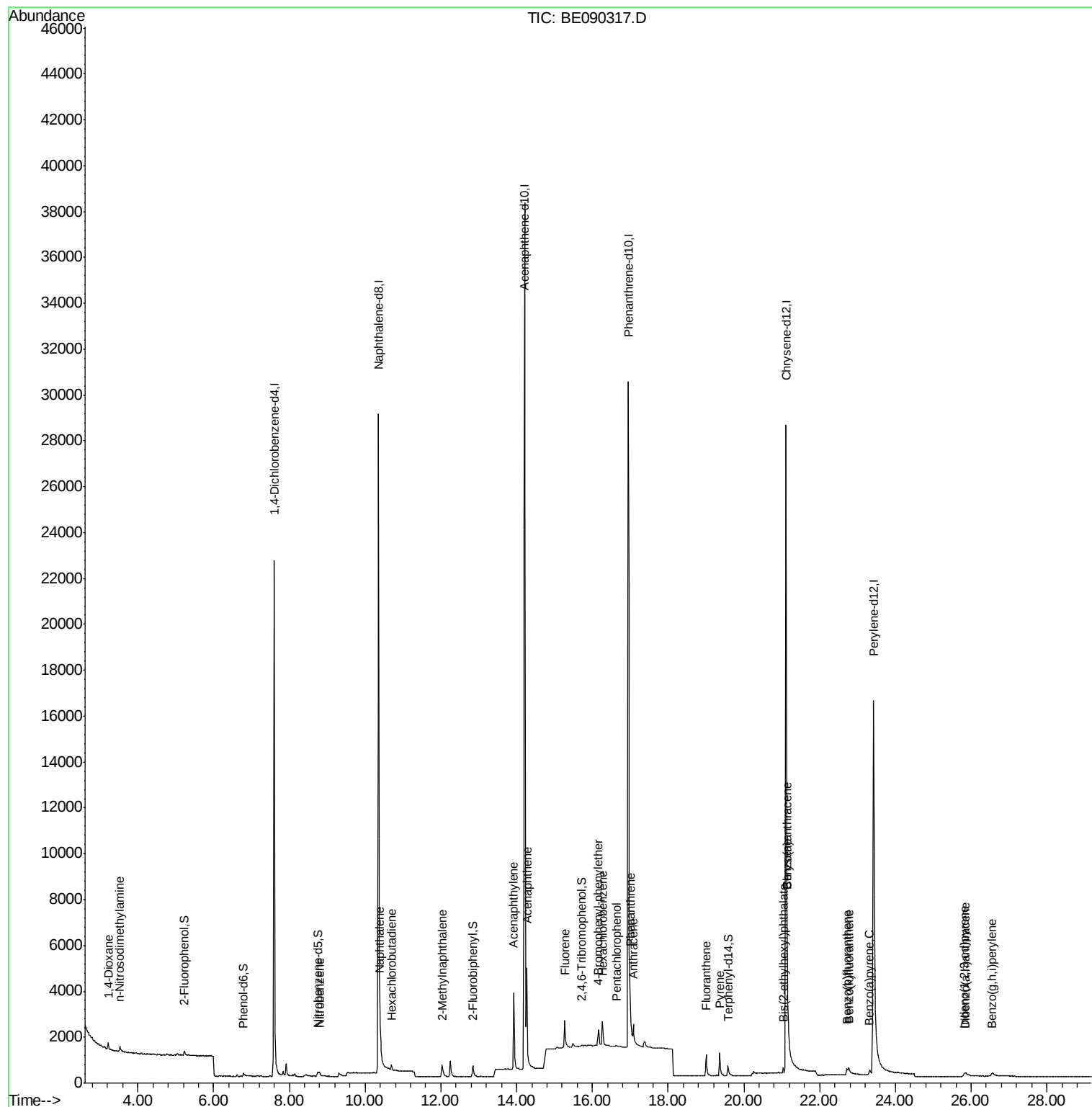
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	11755	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	47014	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	24431	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	51647	5.00	ng	0.00
25) Chrysene-d12	21.11	240	40624	5.00	ng	0.00
32) Perylene-d12	23.42	264	33534	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	247	0.11	ng	0.00
5) Phenol-d6	6.79	99	265	0.10	ng	0.00
7) Nitrobenzene-d5	8.75	82	267	0.09	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	35	0.12	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	822	0.12	ng	0.00
27) Terphenyl-d14	19.58	244	896	0.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	251	0.14	ng	96
3) n-Nitrosodimethylamine	3.52	42	186	0.09	ng	# 80
8) Nitrobenzene	8.79	77	278	0.10	ng	98
9) Naphthalene	10.40	128	1255	0.12	ng	# 90
10) Hexachlorobutadiene	10.69	225	174	0.13	ng	94
11) 2-Methylnaphthalene	12.03	142	687	0.11	ng	# 95
15) Acenaphthylene	13.93	152	5099	0.12	ng	99
16) Acenaphthene	14.27	154	743	0.12	ng	99
17) Fluorene	15.28	166	895	0.12	ng	94
19) 4-Bromophenyl-phenylether	16.16	248	230	0.12	ng	98
20) Hexachlorobenzene	16.27	284	923	0.13	ng	98
21) Pentachlorophenol	16.65	266	49	0.15	ng	92
22) Phenanthrene	17.00	178	1402	0.12	ng	98
23) Anthracene	17.08	178	1153	0.11	ng	98
24) Fluoranthene	19.00	202	1329	0.11	ng	99
26) Pyrene	19.36	202	1392	0.12	ng	99
28) Benzo(a)anthracene	21.15	228	1288	0.20	ng	91
29) Chrysene	21.15	228	1372	0.11	ng	# 93
30) Bis(2-ethylhexyl)phthalate	21.04	149	274	0.11	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.82	276	380	0.15	ng	# 86
33) Benzo(b)fluoranthene	22.72	252	475	0.16	ng	# 74
34) Benzo(k)fluoranthene	22.77	252	907	0.11	ng	# 72
35) Benzo(a)pyrene	23.31	252	482	0.14	ng	# 65
36) Dibenzo(a,h)anthracene	25.85	278	169	0.10	ng	# 62
37) Benzo(g,h,i)perylene	26.56	276	511	0.14	ng	# 75

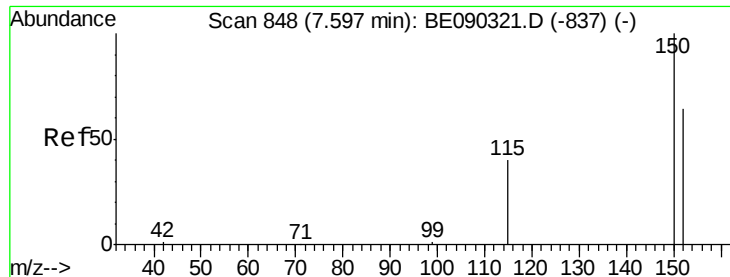
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

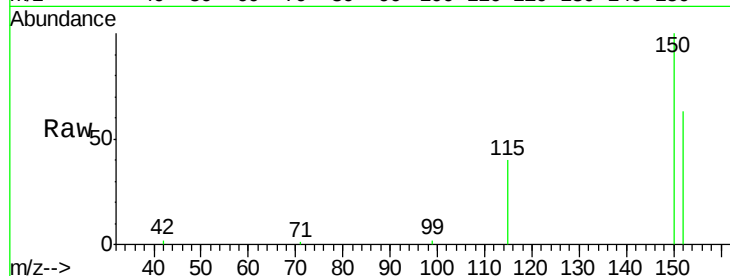
Tot Ion:152 Resp: 11755

Ion Ratio Lower Upper

152 100

150 158.5 124.2 186.2

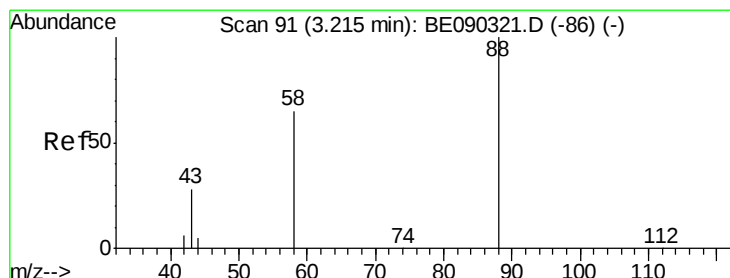
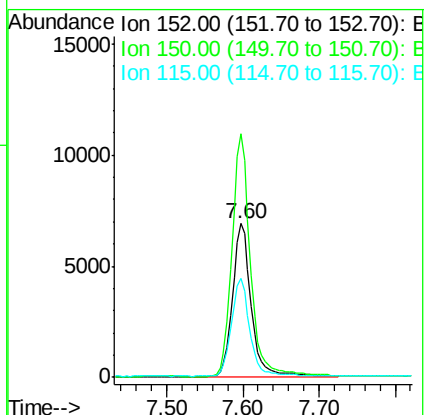
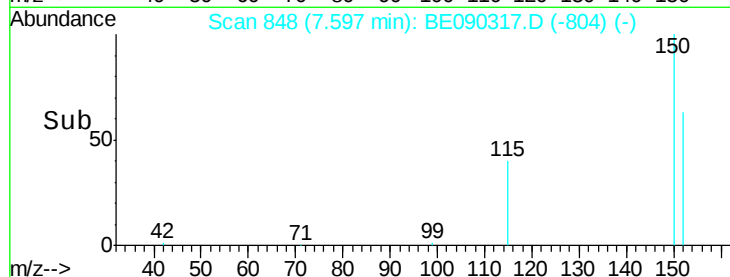
115 64.0 50.4 75.6



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: 0.14 ng

RT: 3.22 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

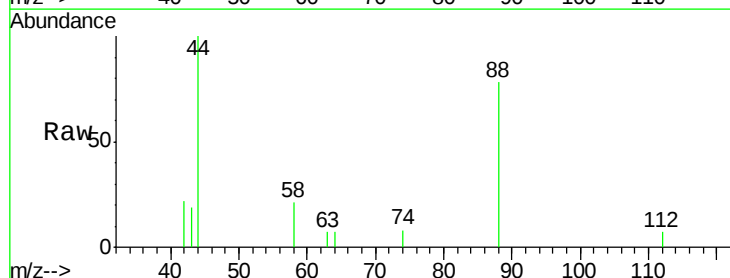
Tgt Ion: 88 Resp: 251

Ion Ratio Lower Upper

88 100

58 59.4 50.2 75.2

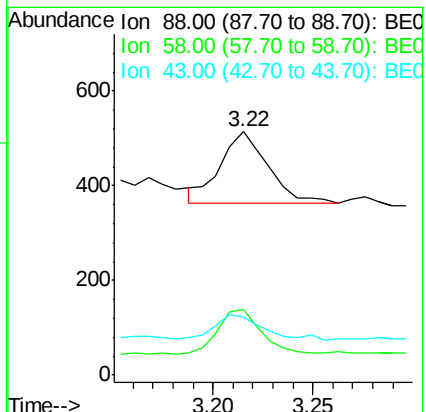
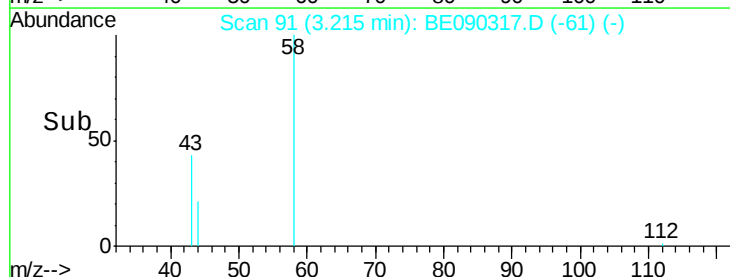
43 32.7 25.0 37.6

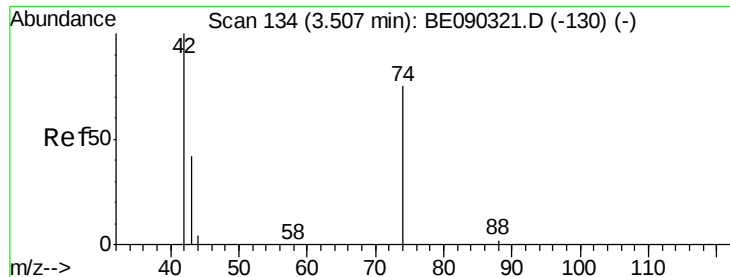


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



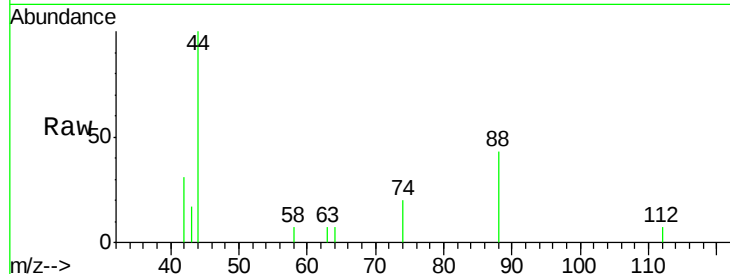


#3

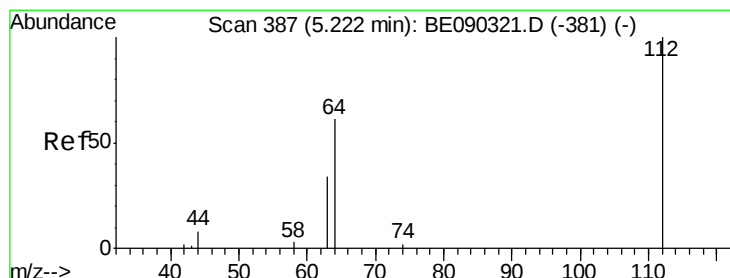
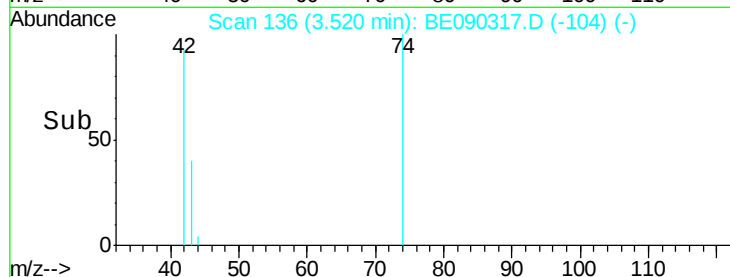
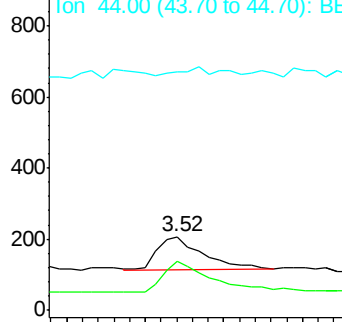
n-Nitrosodimethylamine
 Concen: 0.09 ng
 RT: 3.52 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 186
 Ion Ratio Lower Upper
 42 100
 74 106.5 73.2 109.8
 44 38.2 3.8 5.6#



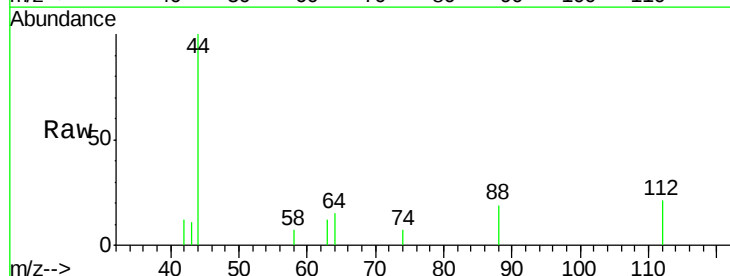
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



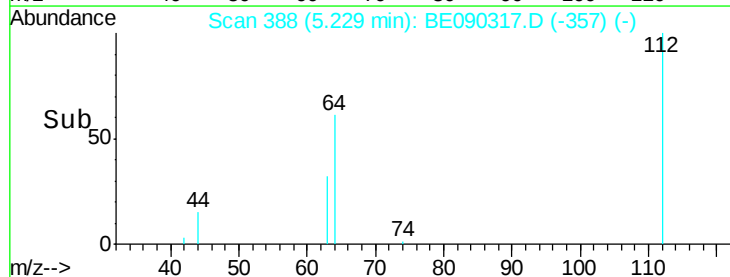
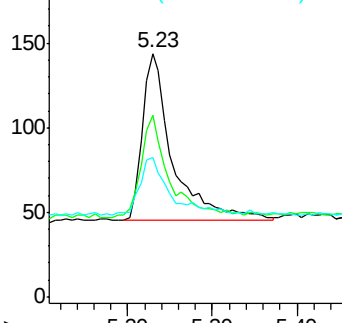
#4

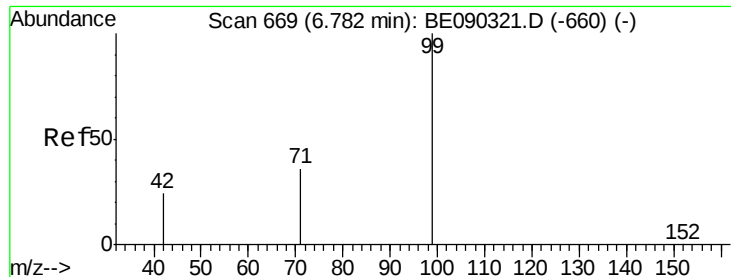
2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.23 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

Tgt Ion: 112 Resp: 247
 Ion Ratio Lower Upper
 112 100
 64 55.9 49.0 73.4
 63 35.6 27.7 41.5



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





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.79 min Scan# 670

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

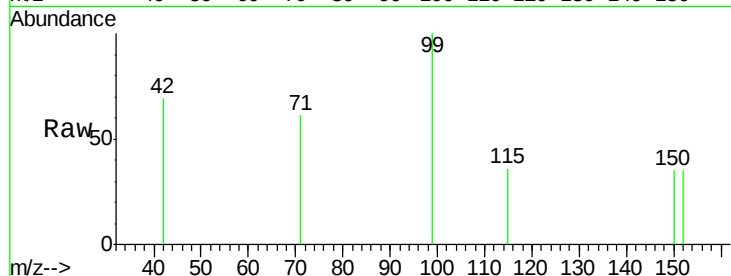
BNA_E

ClientSampleId :

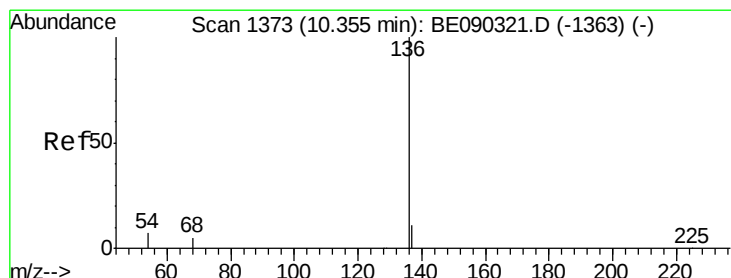
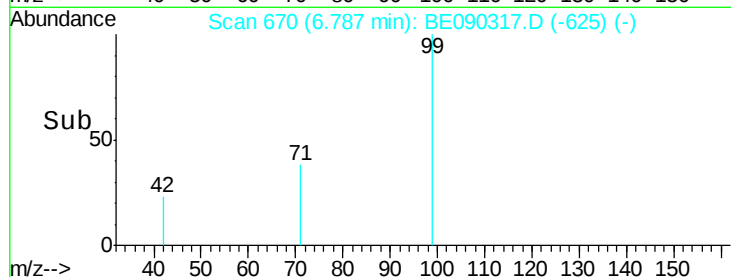
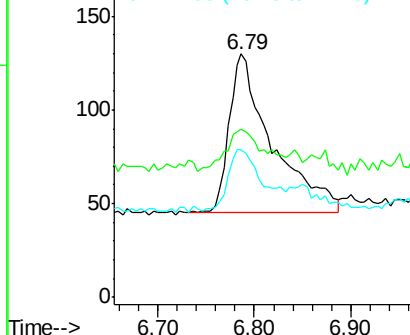
SSTDIC0.1

Tot Ion: 99 Resp: 265

Ion	Ratio	Lower	Upper
99	100		
42	19.6	22.2	33.2#
71	31.3	29.2	43.8



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# 1373

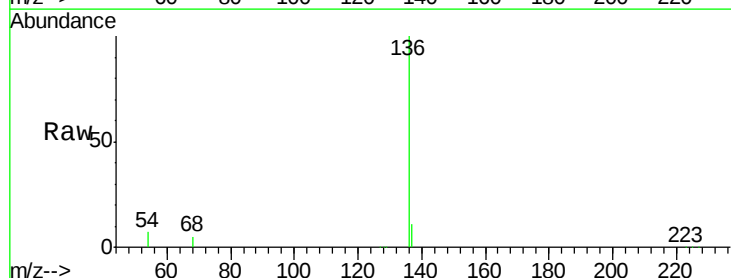
Delta R.T. 0.00 min

Lab File: BE090317.D

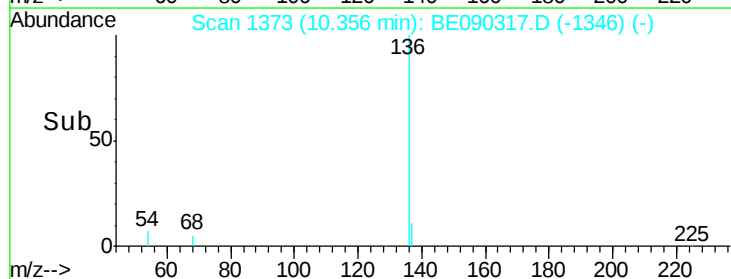
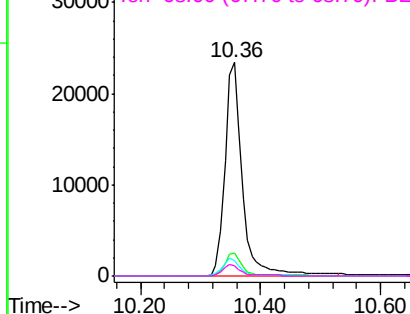
Acq: 3 Aug 2015 19:58

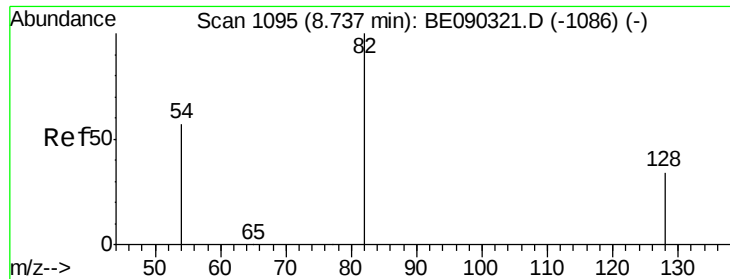
Tgt Ion: 136 Resp: 47014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.0	9.0
68	5.0	3.9	5.9



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: 0.09 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

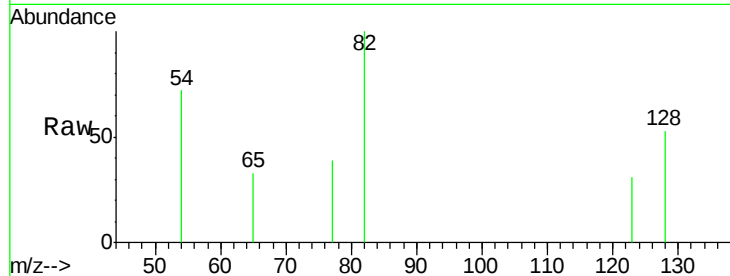
Tot Ion: 82 Resp: 267

Ion Ratio Lower Upper

82 100

128 52.7 30.8 46.2#

54 71.9 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BE090317.D (-1086) (-)

Ion 128.00 (127.70 to 128.70): BE090317.D (-1086) (-)

Ion 54.00 (53.70 to 54.70): BE090317.D (-1086) (-)

8.75

150

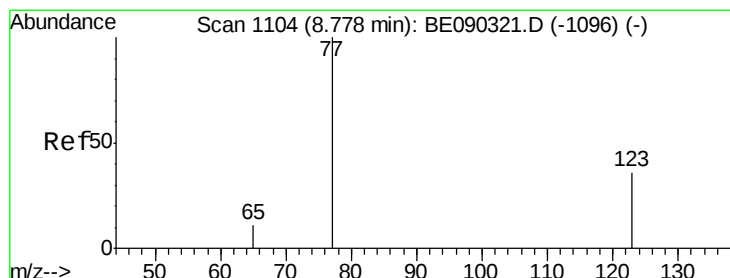
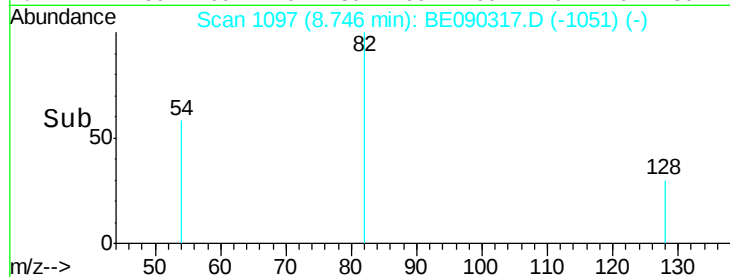
100

50

0

8.65 8.70 8.75 8.80 8.85

Time-->



#8

Nitrobenzene

Concen: 0.10 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

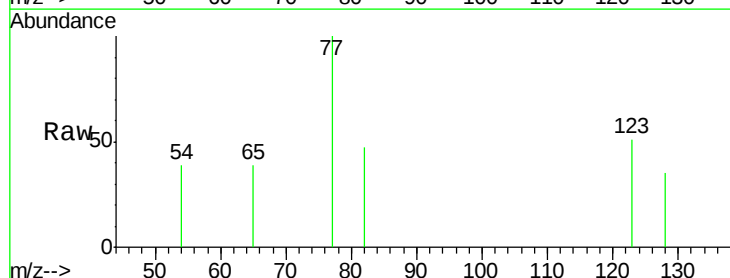
Tgt Ion: 77 Resp: 278

Ion Ratio Lower Upper

77 100

123 35.6 29.6 44.4

65 13.7 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BE090317.D (-1060) (-)

Ion 123.00 (122.70 to 123.70): BE090317.D (-1060) (-)

Ion 65.00 (64.70 to 65.70): BE090317.D (-1060) (-)

8.79

150

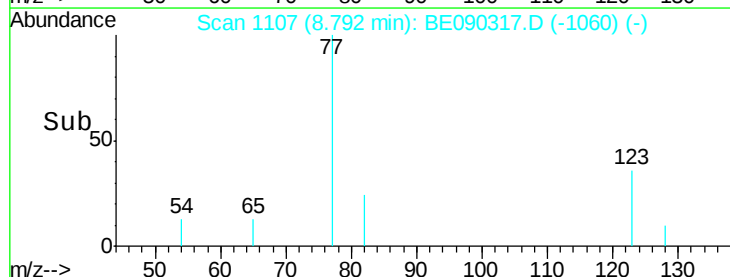
100

50

0

8.70 8.80 8.90

Time-->





#9

Naphthalene

Concen: 0.12 ng

RT: 10.40 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

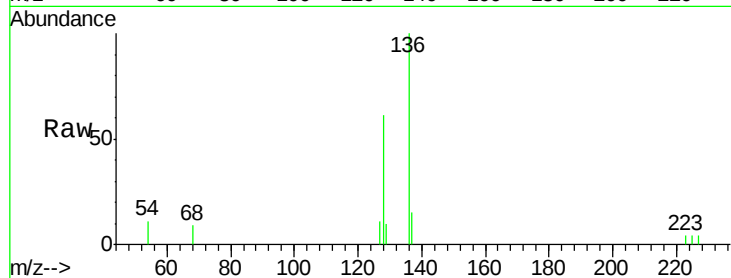
Tot Ion:128 Resp: 1255

Ion Ratio Lower Upper

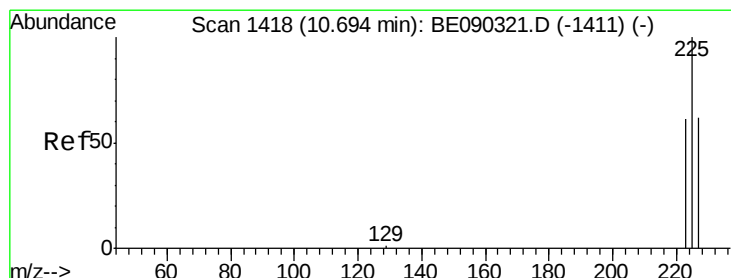
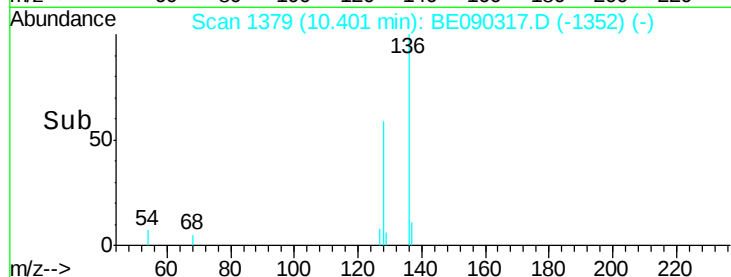
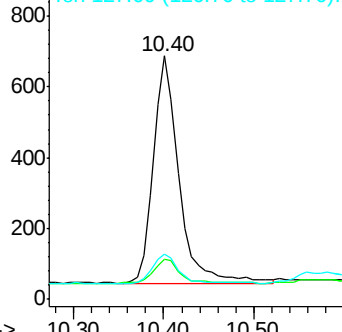
128 100

129 16.4 10.1 15.1#

127 18.6 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.13 ng

RT: 10.69 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

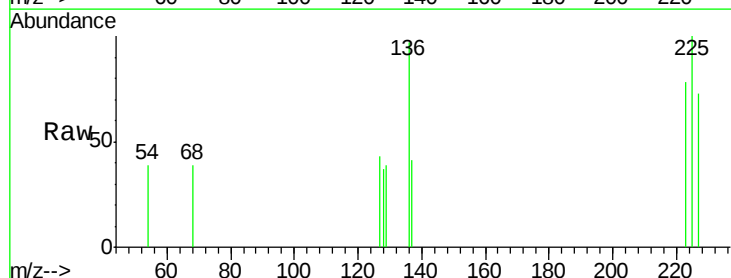
Tgt Ion:225 Resp: 174

Ion Ratio Lower Upper

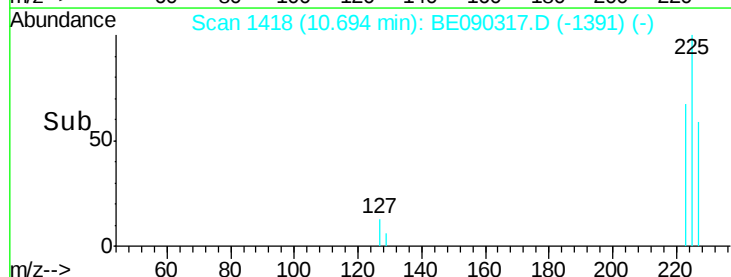
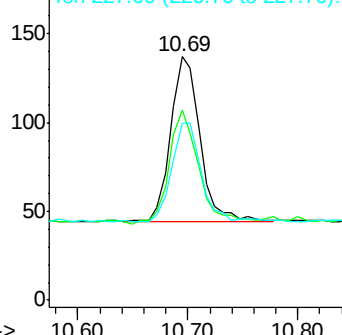
225 100

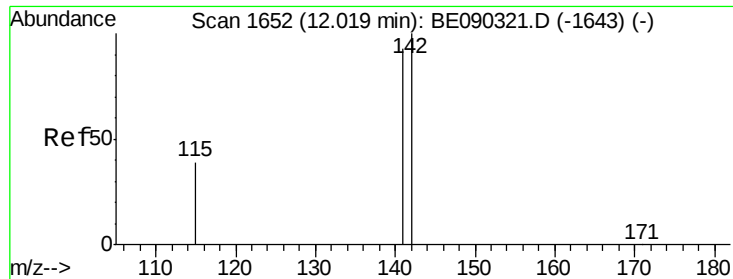
223 69.5 50.4 75.6

227 59.8 49.6 74.4



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

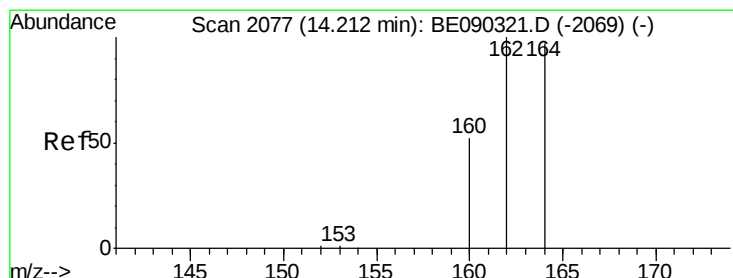
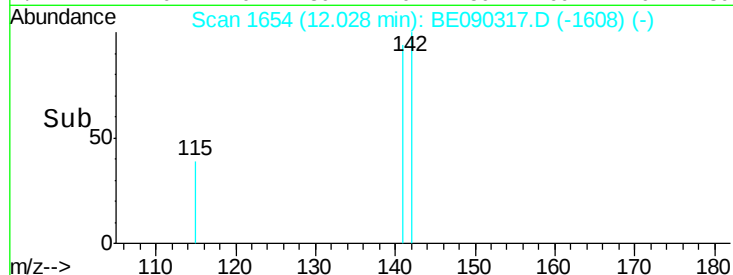
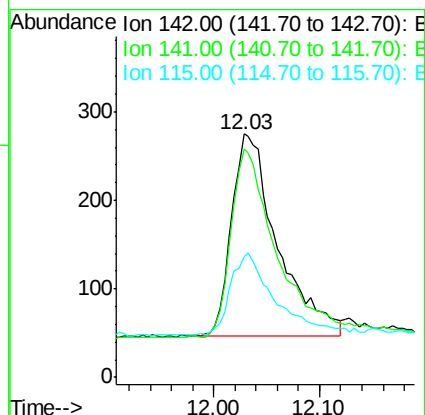
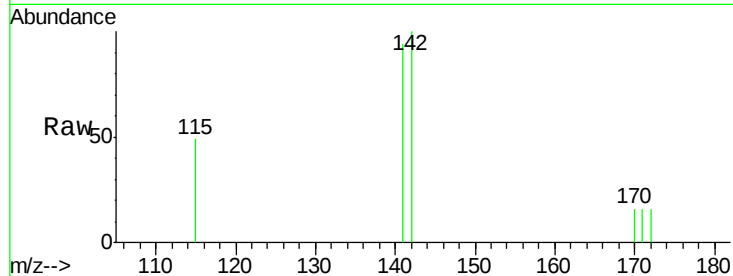




#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.03 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE090317.D
Acq: 3 Aug 2015 19:58

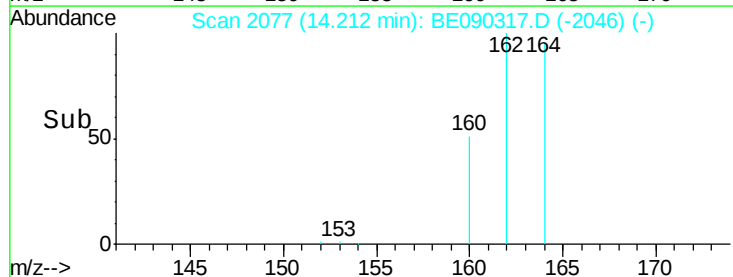
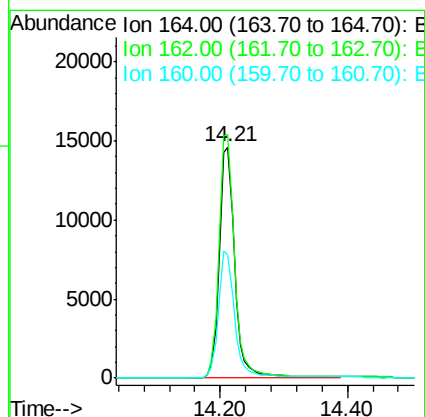
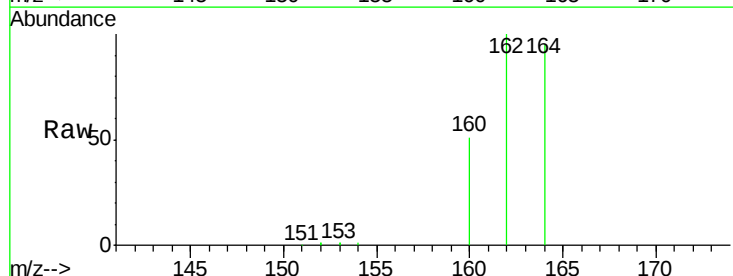
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

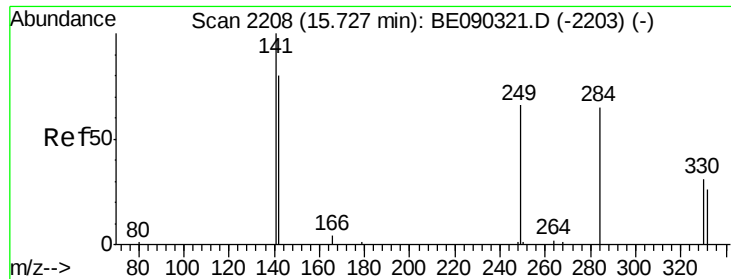
Tot Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
141 93.8 74.6 112.0
115 49.5 32.6 49.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BE090317.D
Acq: 3 Aug 2015 19:58

Tgt Ion:164 Resp: 24431
Ion Ratio Lower Upper
164 100
162 105.4 82.7 124.1
160 53.5 43.0 64.6

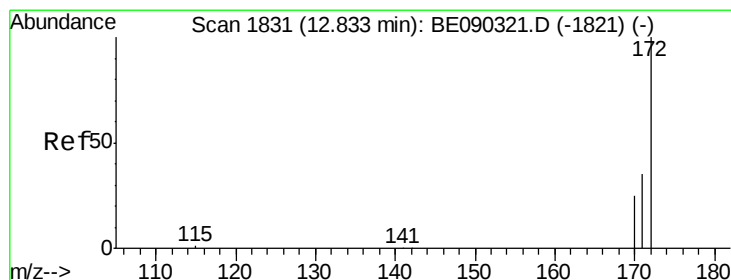
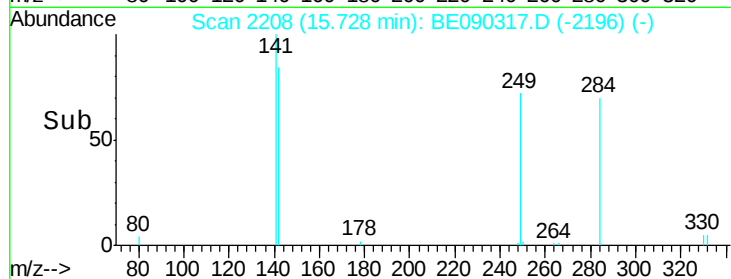
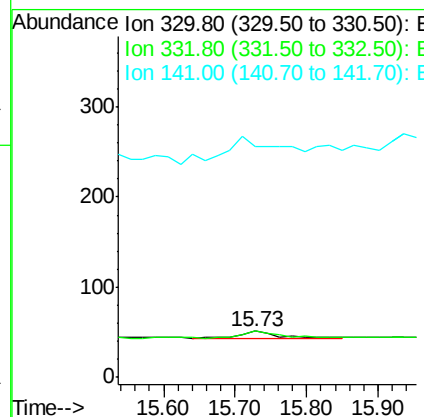
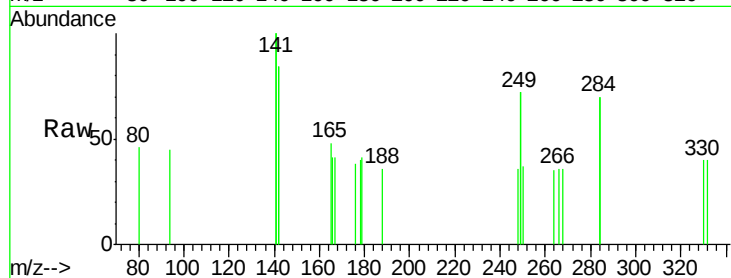




#13
 2,4,6-Tribromophenol
 Concen: 0.12 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

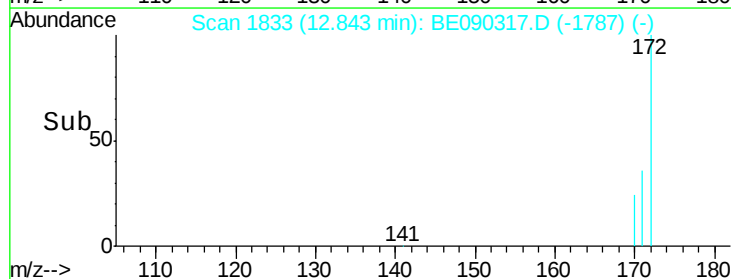
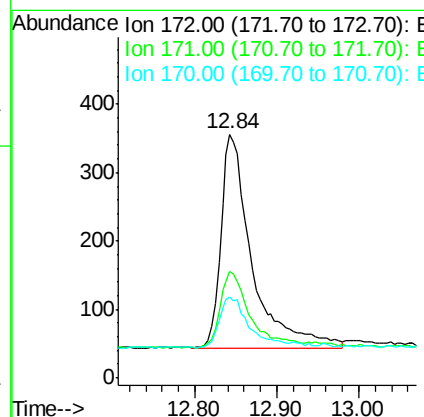
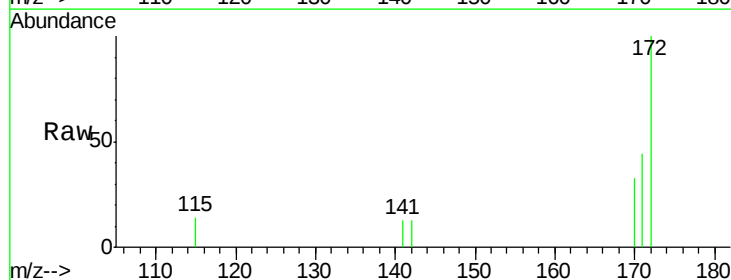
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

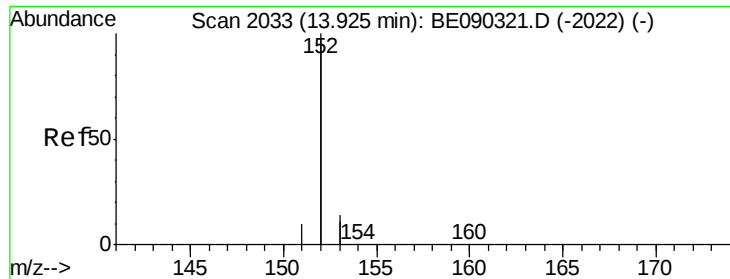
Tot Ion:330 Resp: 35
 Ion Ratio Lower Upper
 330 100
 332 111.4 79.4 119.0
 141 500.0 245.9 368.9#



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

Tgt Ion:172 Resp: 822
 Ion Ratio Lower Upper
 172 100
 171 43.8 29.5 44.3
 170 33.1 21.3 31.9#





#15

Acenaphthylene

Concen: 0.12 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

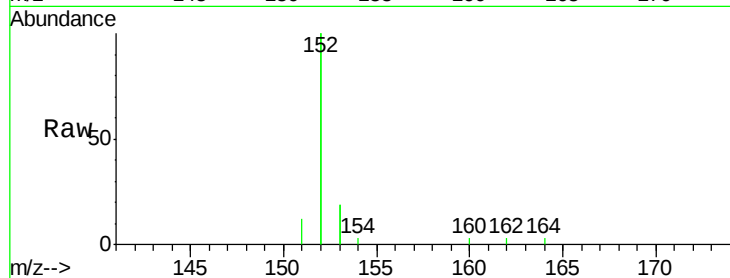
Tot Ion:152 Resp: 5099

Ion Ratio Lower Upper

152 100

151 5.1 4.0 6.0

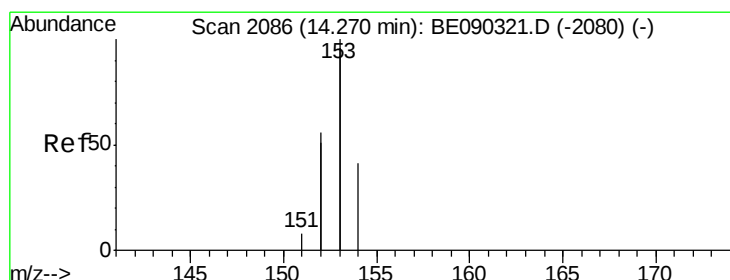
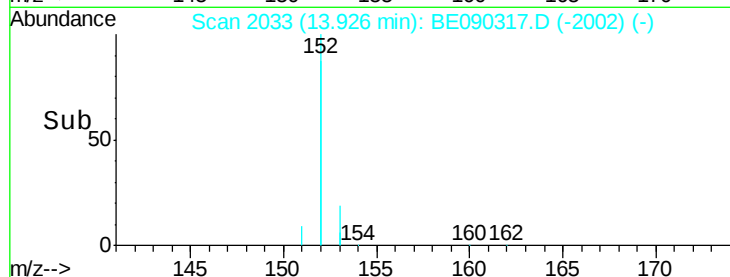
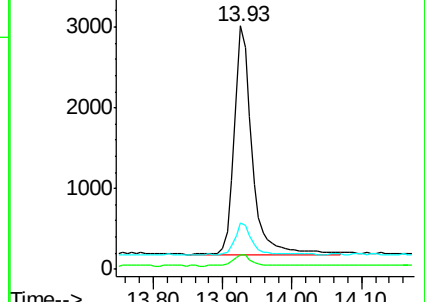
153 13.4 10.2 15.4



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



#16

Acenaphthene

Concen: 0.12 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

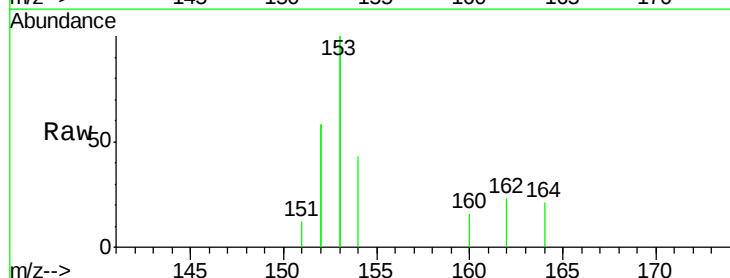
Tgt Ion:154 Resp: 743

Ion Ratio Lower Upper

154 100

153 471.3 378.0 567.0

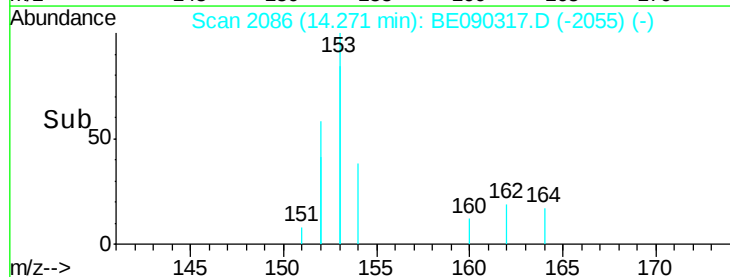
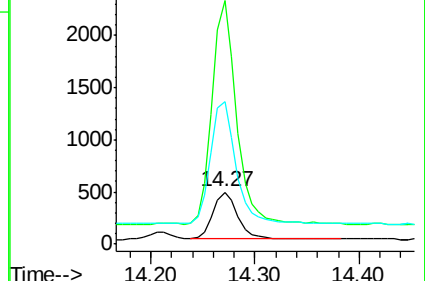
152 268.6 212.7 319.1

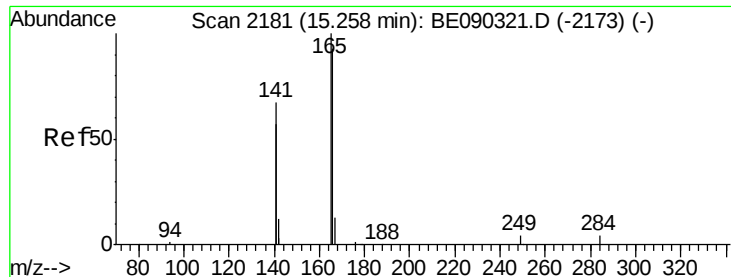


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

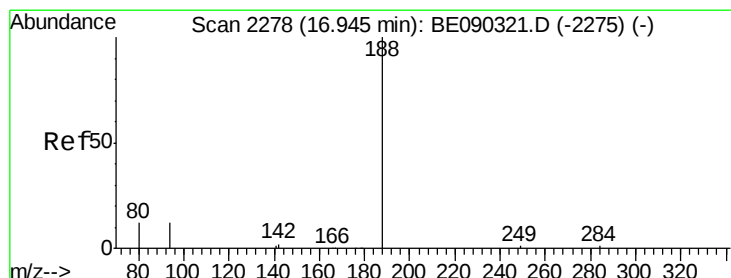
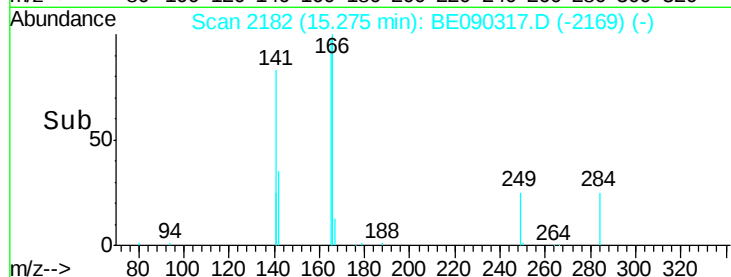
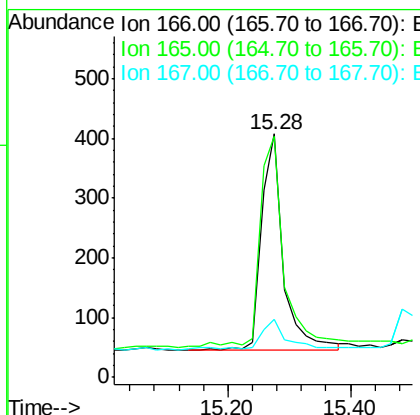
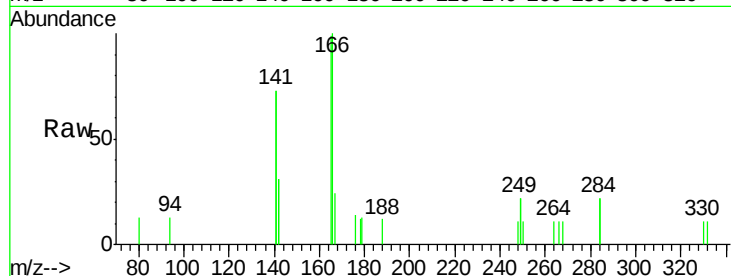




#17
Fluorene
 Concen: 0.12 ng
 RT: 15.28 min Scan# 2182
 Delta R.T. 0.02 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

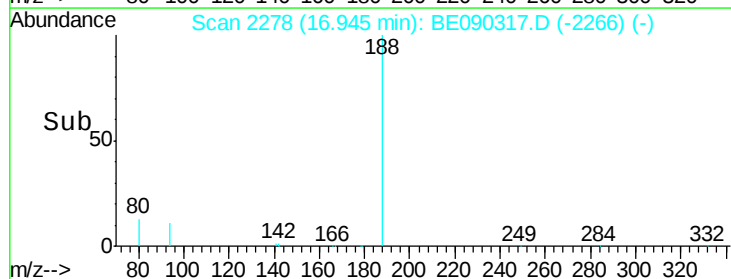
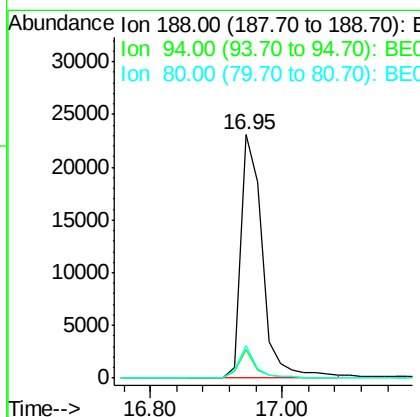
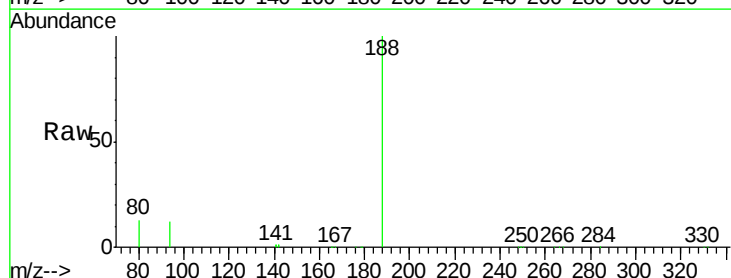
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

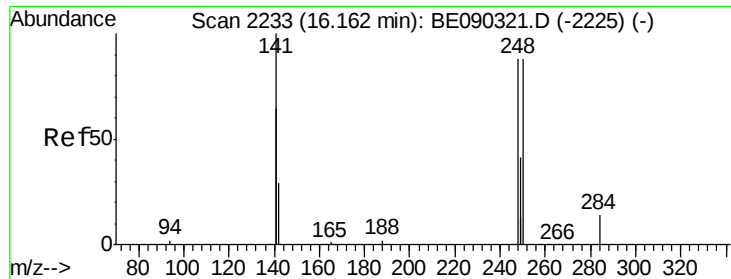
Tot Ion:166 Resp: 895
 Ion Ratio Lower Upper
 166 100
 165 110.2 82.6 123.8
 167 14.1 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.95 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

Tgt Ion:188 Resp: 51647
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.5 14.3
 80 13.1 10.0 15.0

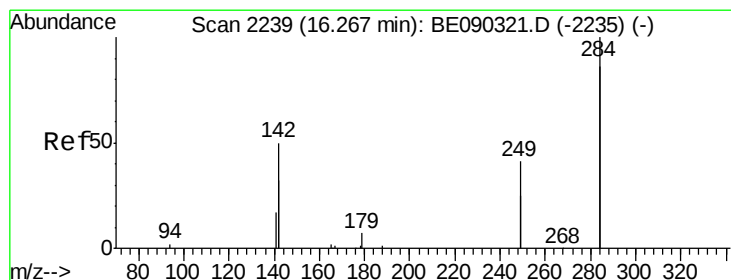
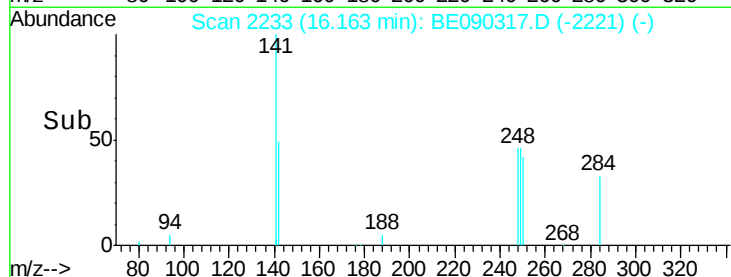
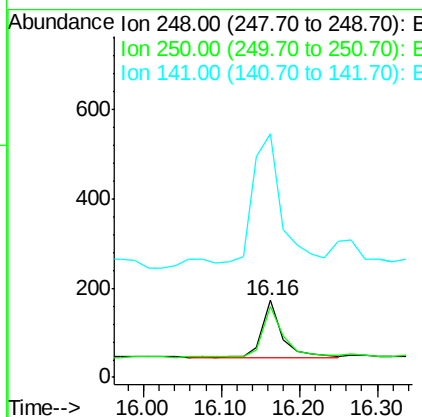
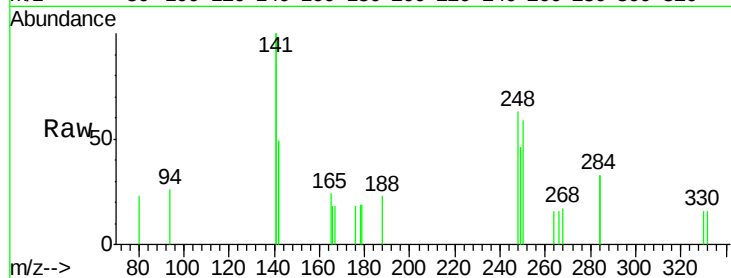




#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090317.D
Acq: 3 Aug 2015 19:58

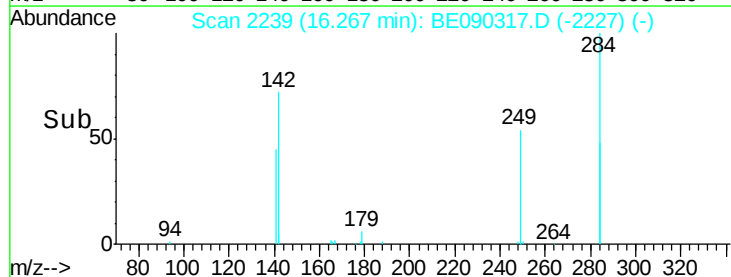
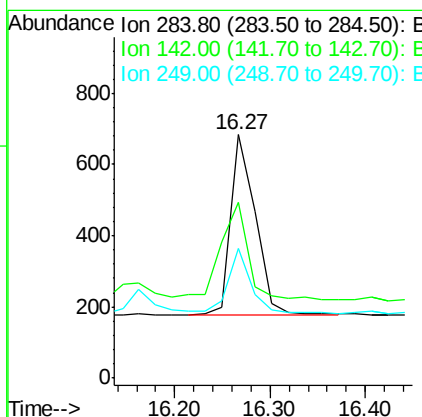
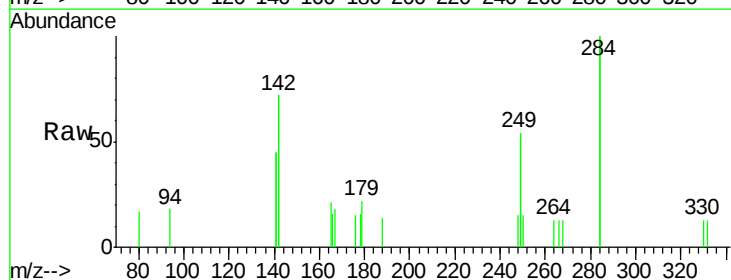
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

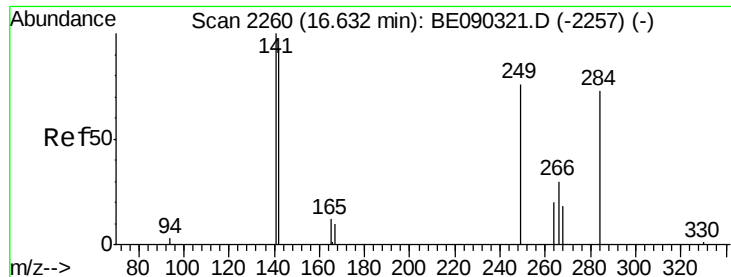
Tot Ion:248 Resp: 230
Ion Ratio Lower Upper
248 100
250 93.0 74.0 111.0
141 327.8 258.9 388.3



#20
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090317.D
Acq: 3 Aug 2015 19:58

Tgt Ion:284 Resp: 923
Ion Ratio Lower Upper
284 100
142 57.4 44.2 66.4
249 32.8 26.4 39.6





#21

Pentachlorophenol

Concen: 0.15 ng

RT: 16.65 min Scan# 2261

Delta R.T. 0.02 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

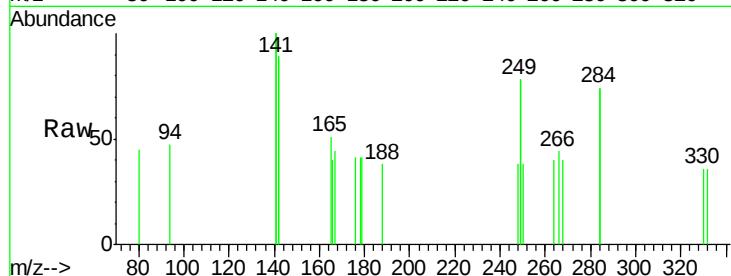
Tot Ion:266 Resp: 49

Ion Ratio Lower Upper

266 100

268 90.6 66.2 99.2

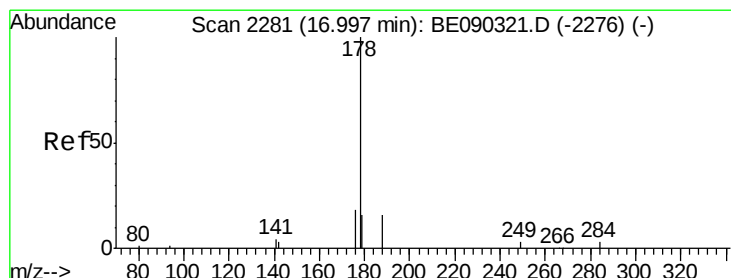
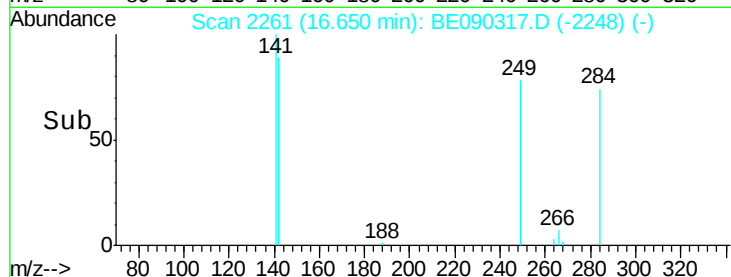
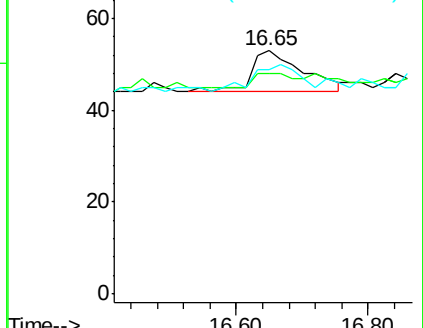
264 92.5 69.1 103.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.12 ng

RT: 17.00 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

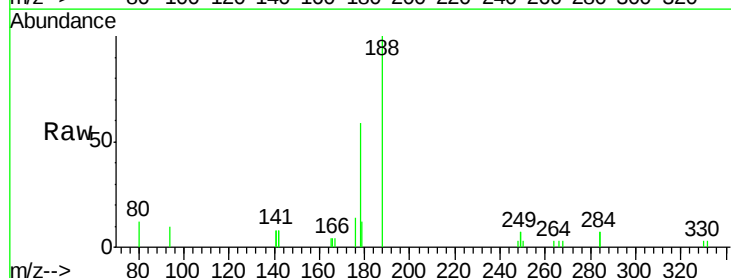
Tgt Ion:178 Resp: 1402

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

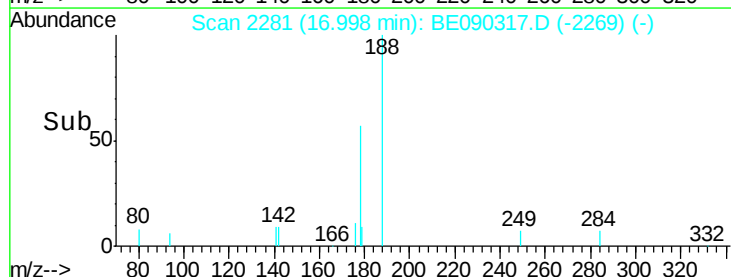
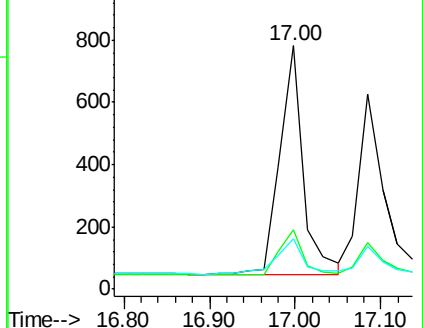
179 17.4 12.6 18.8

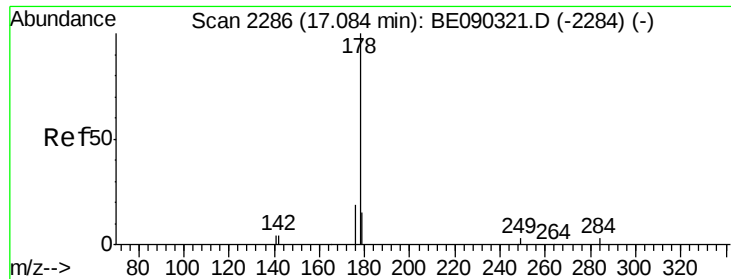


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.11 ng

RT: 17.08 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

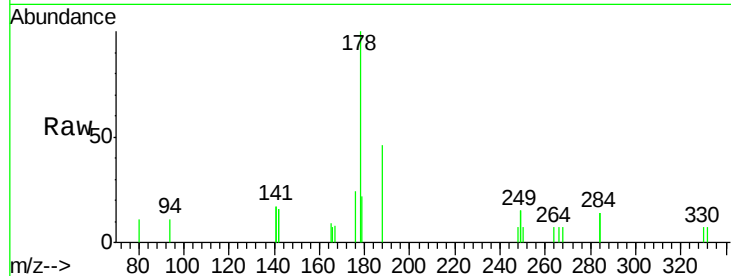
Tot Ion:178 Resp: 1153

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

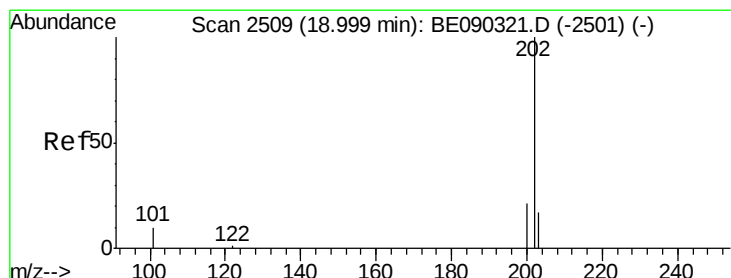
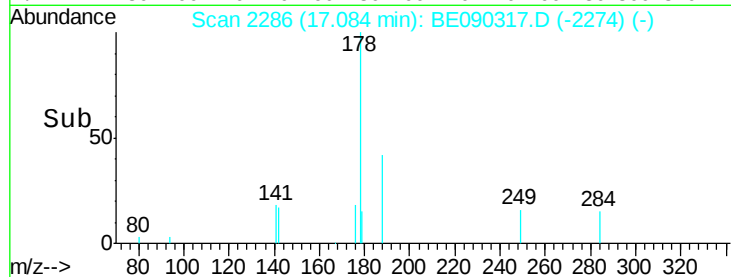
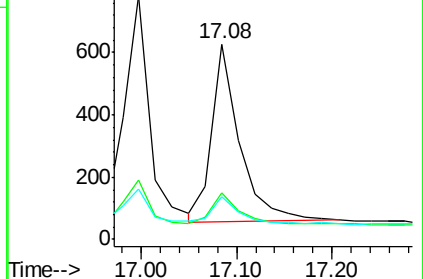
179 16.0 12.1 18.1



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: 0.11 ng

RT: 19.00 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

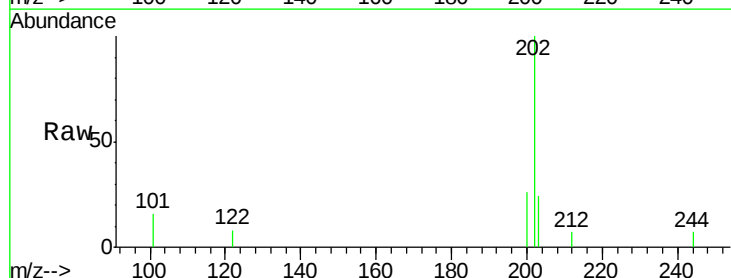
Tgt Ion:202 Resp: 1329

Ion Ratio Lower Upper

202 100

101 9.8 8.3 12.5

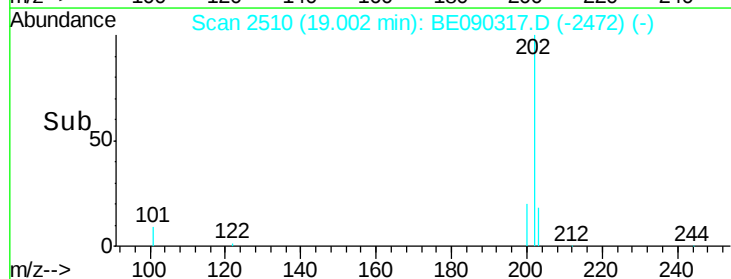
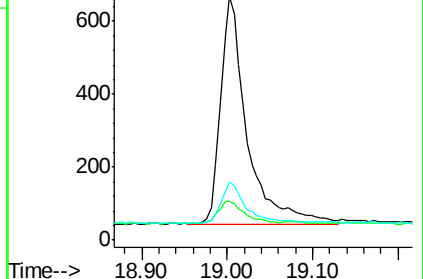
203 17.7 13.8 20.8

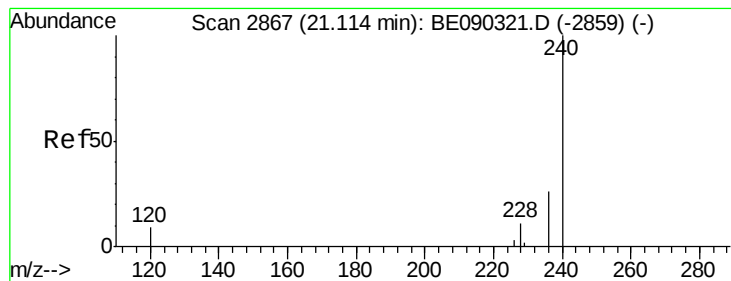


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2868

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

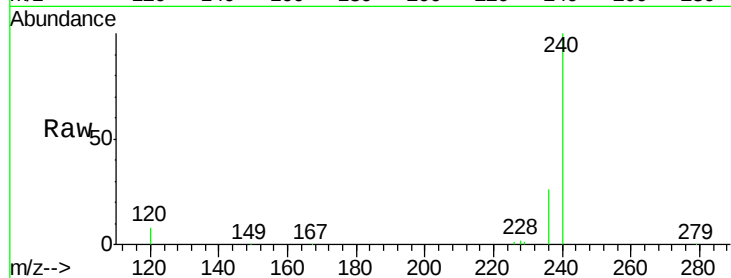
Tot Ion:240 Resp: 40624

Ion Ratio Lower Upper

240 100

120 8.5 7.5 11.3

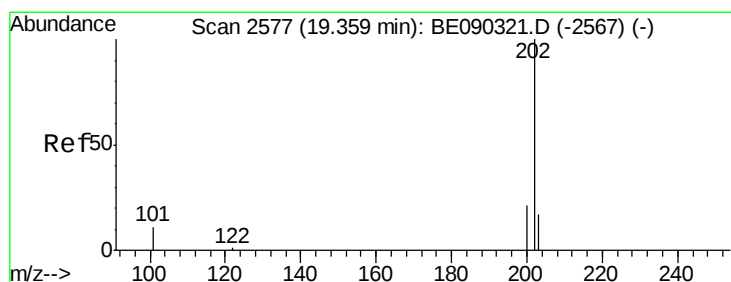
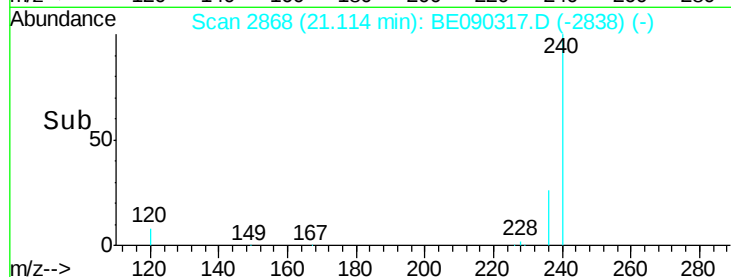
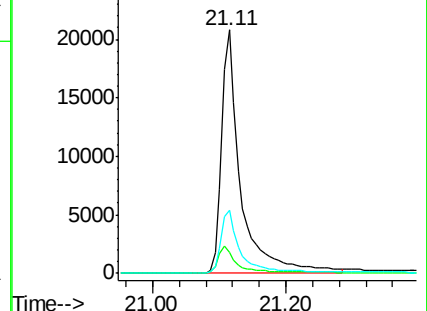
236 25.7 21.0 31.4



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



#26

Pyrene

Concen: 0.12 ng

RT: 19.36 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

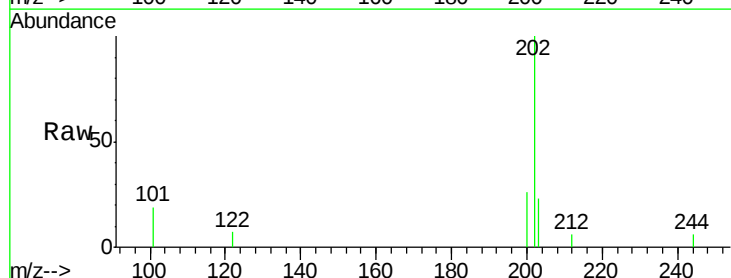
Tgt Ion:202 Resp: 1392

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

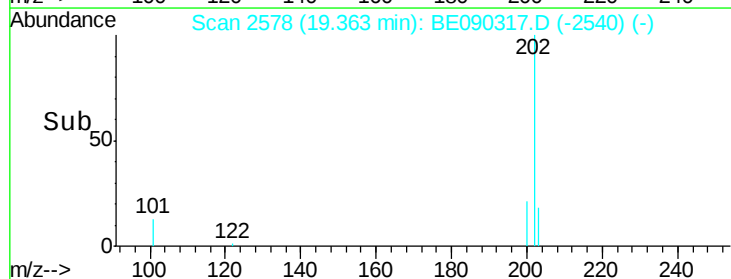
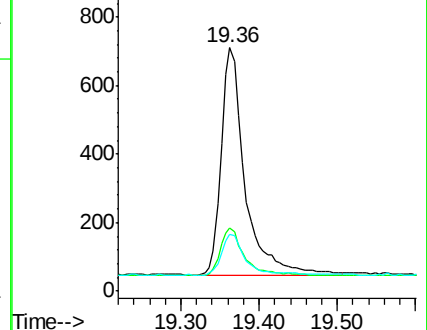
203 17.1 13.8 20.6

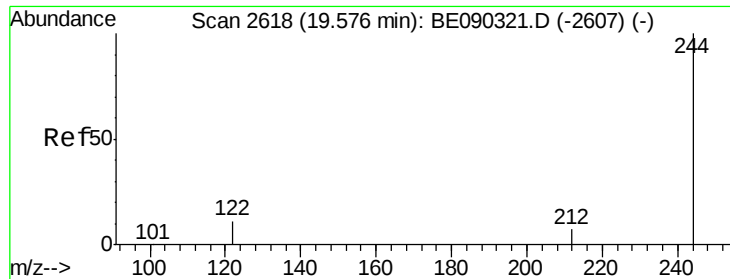


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

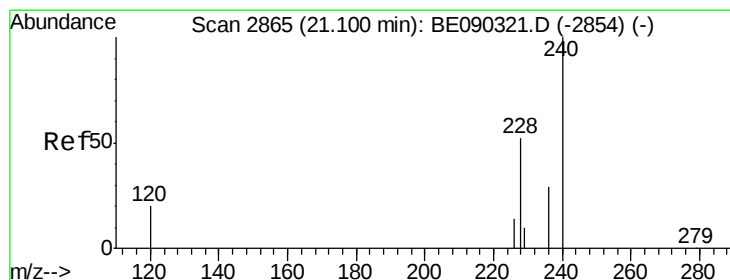
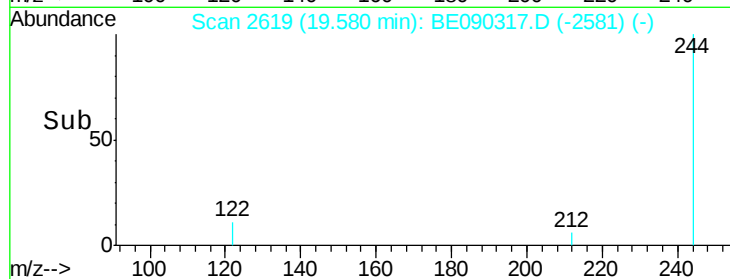
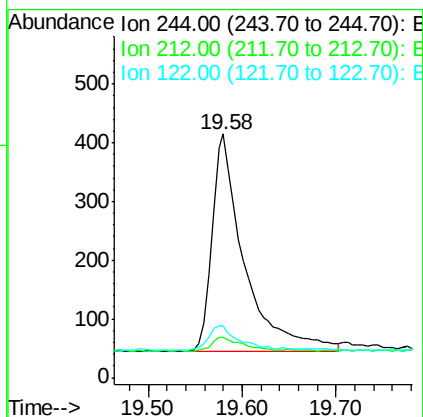
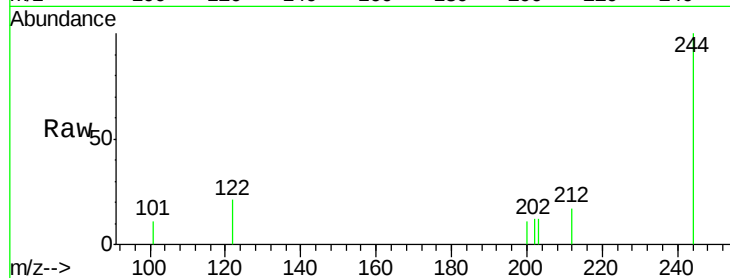




#27
 Terphenyl-d14
 Concen: 0.12 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

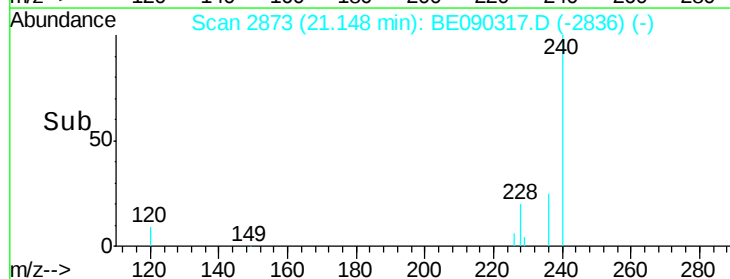
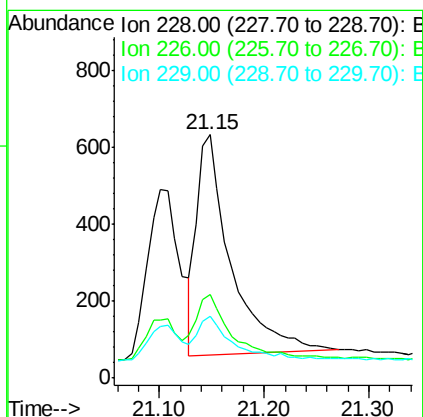
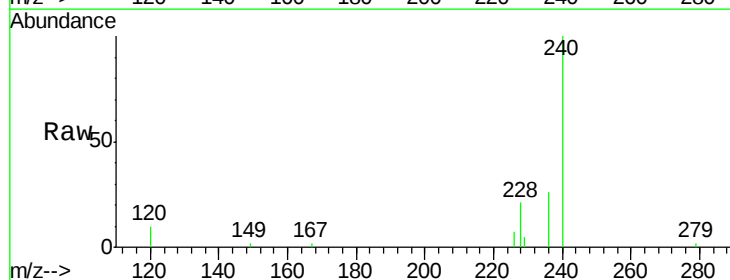
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

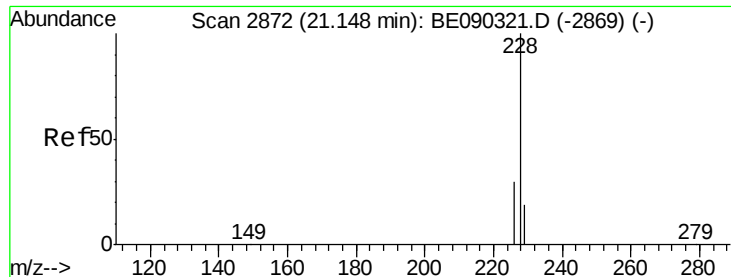
Tot Ion:244 Resp: 896
 Ion Ratio Lower Upper
 244 100
 212 16.6 7.4 11.2#
 122 21.2 10.4 15.6#



#28
 Benzo(a)anthracene
 Concen: 0.20 ng
 RT: 21.15 min Scan# 2873
 Delta R.T. 0.05 min
 Lab File: BE090317.D
 Acq: 3 Aug 2015 19:58

Tgt Ion:228 Resp: 1288
 Ion Ratio Lower Upper
 228 100
 226 34.3 23.0 34.4
 229 25.3 17.4 26.2





#29

Chrysene

Concen: 0.11 ng

RT: 21.15 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

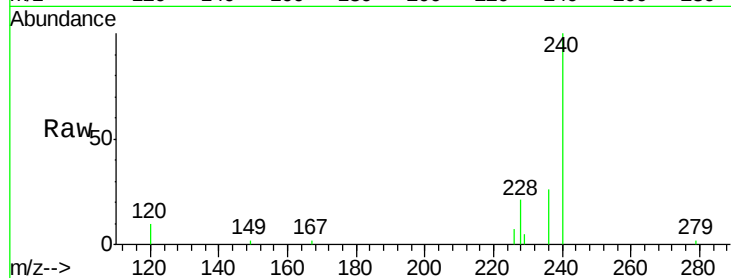
Tot Ion:228 Resp: 1372

Ion Ratio Lower Upper

228 100

226 34.3 24.9 37.3

229 25.3 16.6 25.0#



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

21.15

600

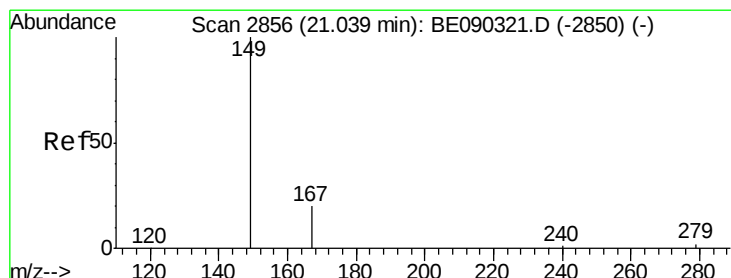
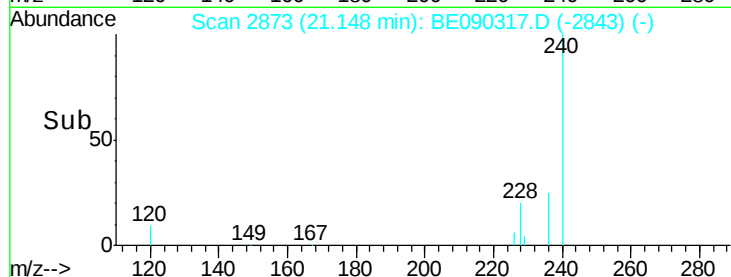
400

200

0

21.10 21.20 21.30

Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.04 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

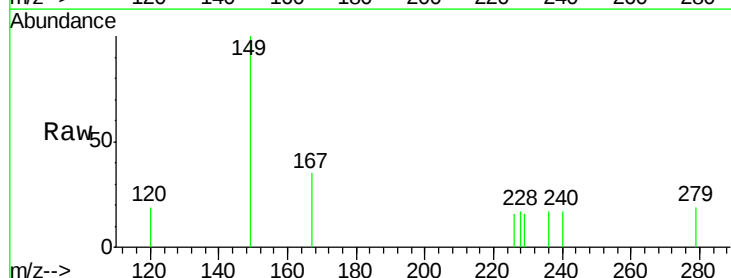
Tgt Ion:149 Resp: 274

Ion Ratio Lower Upper

149 100

167 21.5 16.6 24.8

279 5.8 2.7 4.1#



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

21.04

300

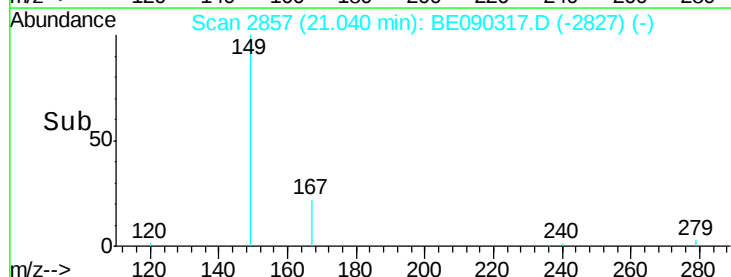
200

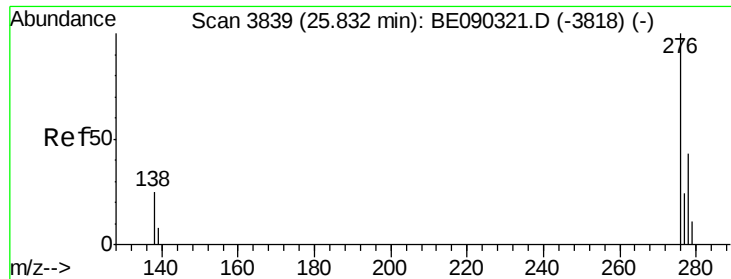
100

0

21.00 21.05 21.10

Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng

RT: 25.82 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

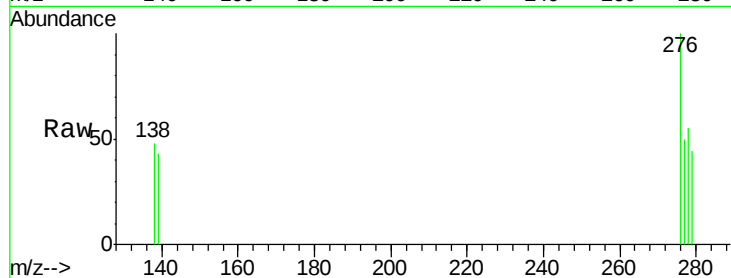
Tot Ion:276 Resp: 380

Ion Ratio Lower Upper

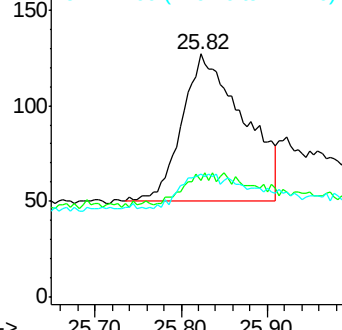
276 100

138 10.8 10.6 16.0

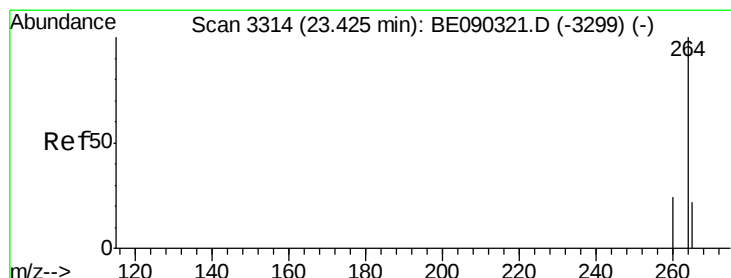
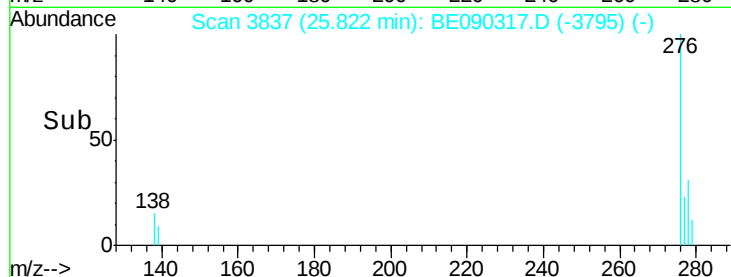
277 9.7 14.6 22.0#



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



Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

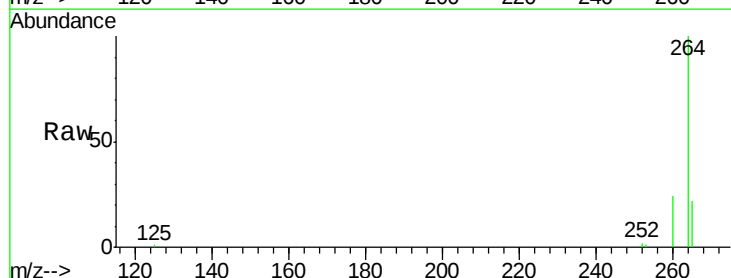
Tgt Ion:264 Resp: 33534

Ion Ratio Lower Upper

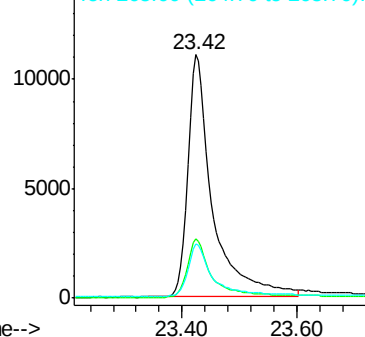
264 100

260 24.4 20.1 30.1

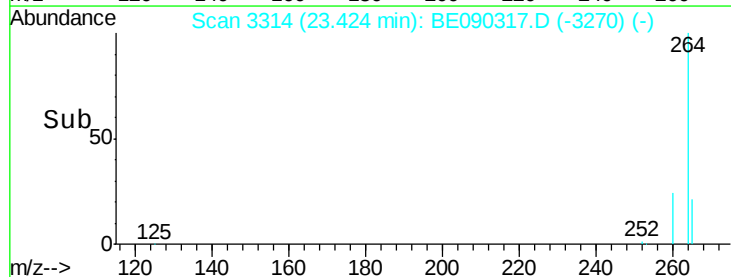
265 22.1 18.6 28.0

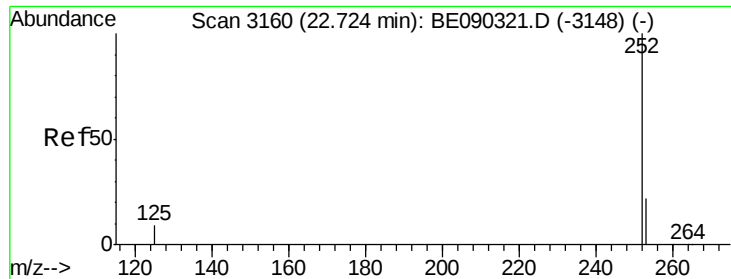


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#33

Benzo(b)fluoranthene

Concen: 0.16 ng

RT: 22.72 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

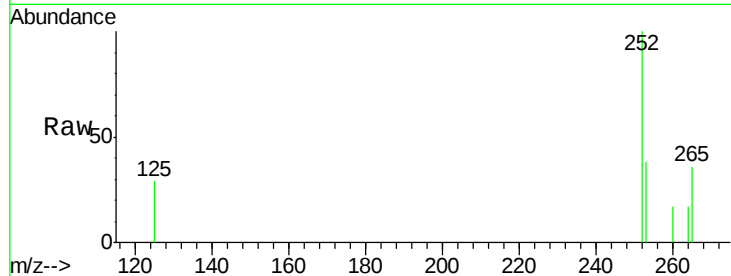
Tot Ion:252 Resp: 475

Ion Ratio Lower Upper

252 100

253 38.5 21.5 32.3#

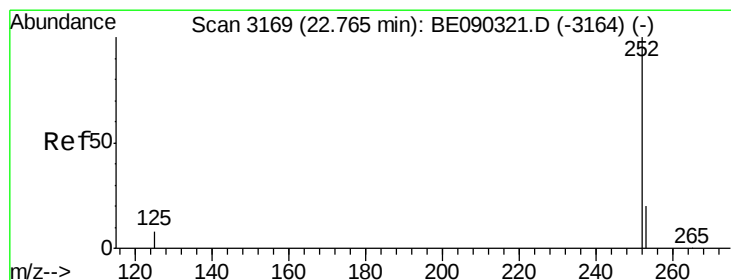
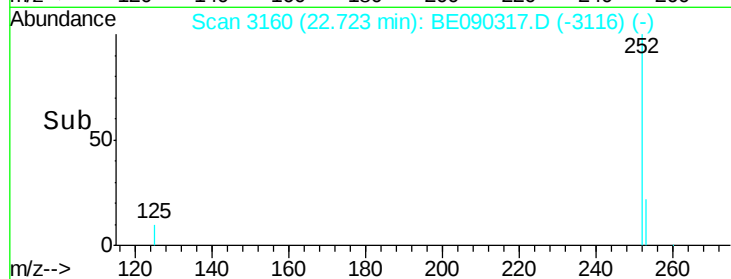
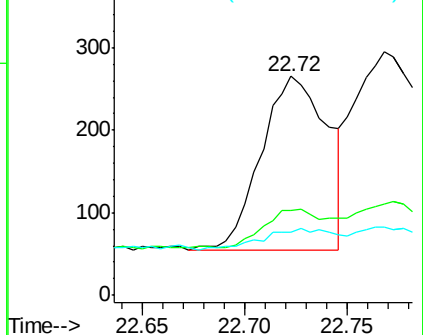
125 28.7 11.8 17.8#



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: 0.11 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

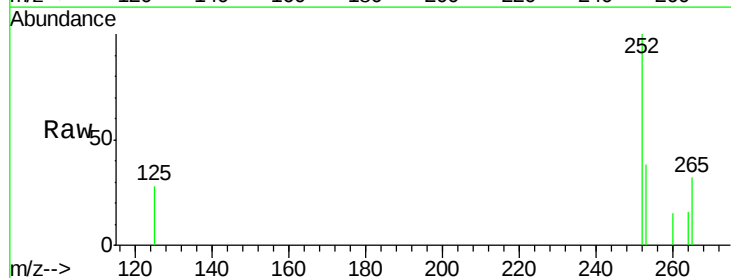
Tgt Ion:252 Resp: 907

Ion Ratio Lower Upper

252 100

253 37.6 19.9 29.9#

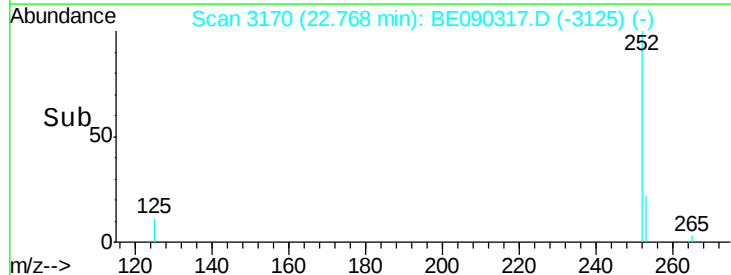
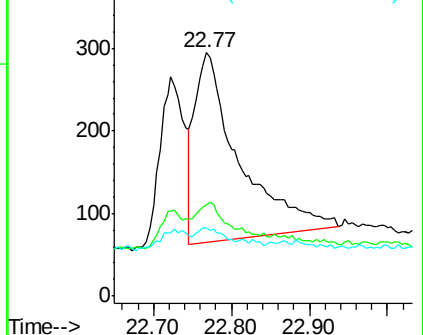
125 27.8 11.2 16.8#

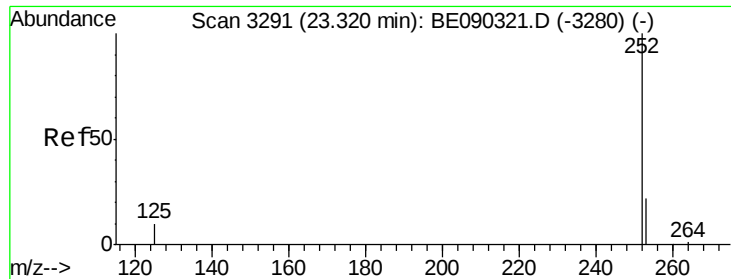


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.14 ng

RT: 23.31 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

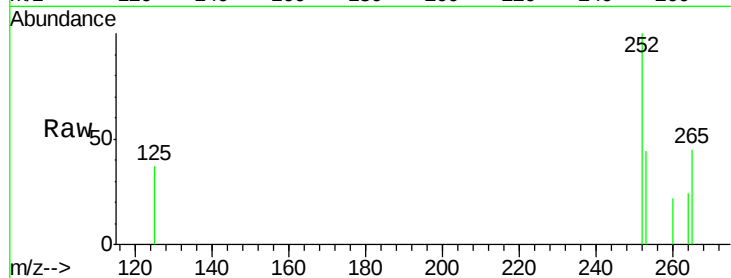
Tot Ion:252 Resp: 482

Ion Ratio Lower Upper

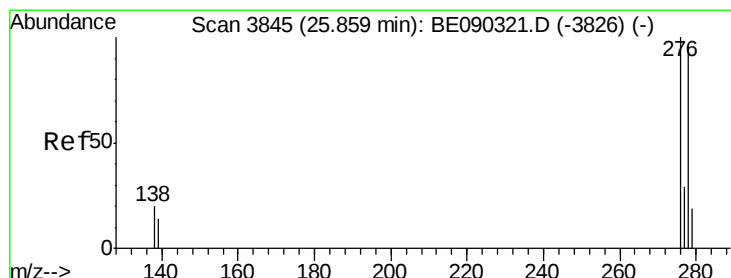
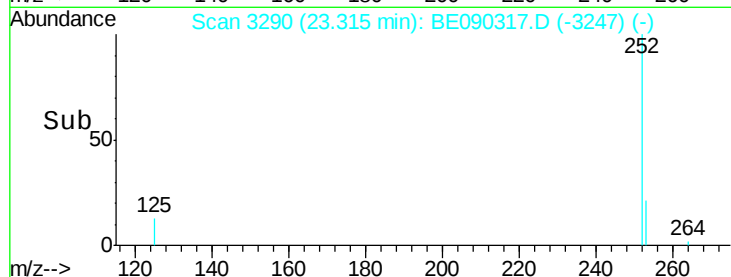
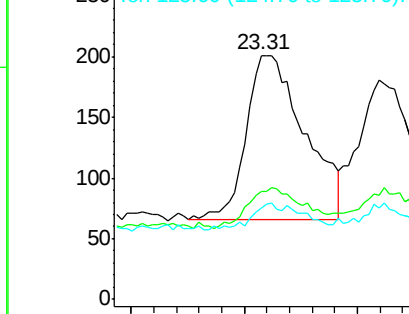
252 100

253 44.3 23.0 34.4#

125 37.3 14.2 21.2#



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: 0.10 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

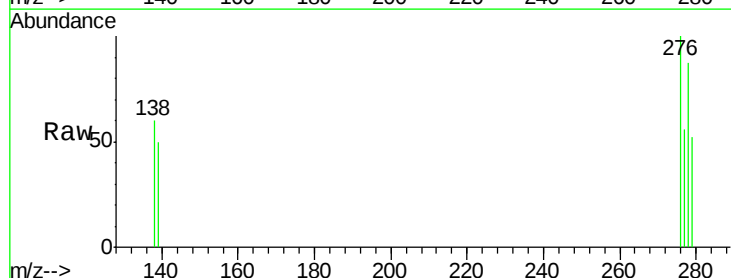
Tgt Ion:278 Resp: 169

Ion Ratio Lower Upper

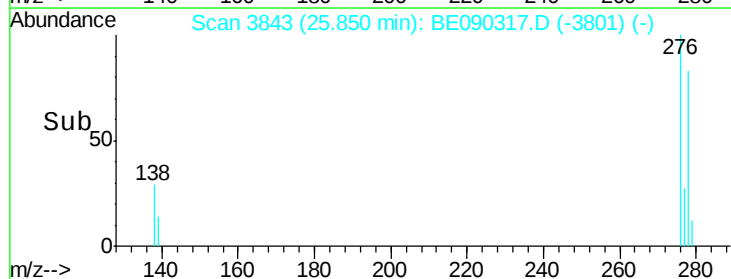
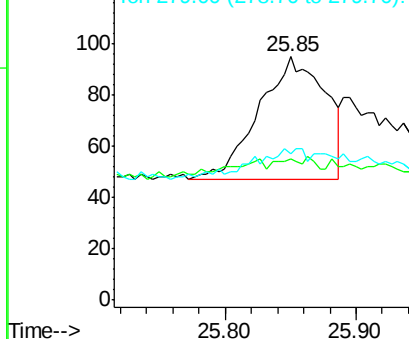
278 100

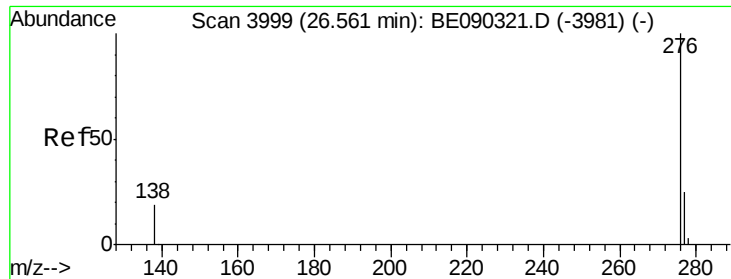
139 57.9 27.8 41.6#

279 60.0 30.9 46.3#



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: 0.14 ng

RT: 26.56 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BE090317.D

Acq: 3 Aug 2015 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 276 Resp: 511

Ion Ratio Lower Upper

276 100

277 43.4 25.6 38.4#

138 43.4 22.0 33.0#

