

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092788.D
 Acq On : 6 Mar 2017 15:15
 Operator : SJ/MA
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE030617

Quant Time: Mar 06 15:47:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11385	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	50513	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	34561	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	74354	5.00	ng	0.00
24) Chrysene-d12	21.68	240	101834	5.00	ng	-0.02
31) Perylene-d12	24.01	264	84601	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	876	0.36	ng	-0.02
5) Phenol-d6	7.29	99	1003	0.35	ng	-0.02
8) Nitrobenzene-d5	9.29	82	1184	0.38	ng	-0.02
13) 2,4,6-Tribromophenol	16.26	330	332	0.37	ng	-0.02
14) 2-Fluorobiphenyl	13.38	172	3196	0.39	ng	-0.02
26) Terphenyl-d14	20.12	244	4737	0.39	ng	-0.02

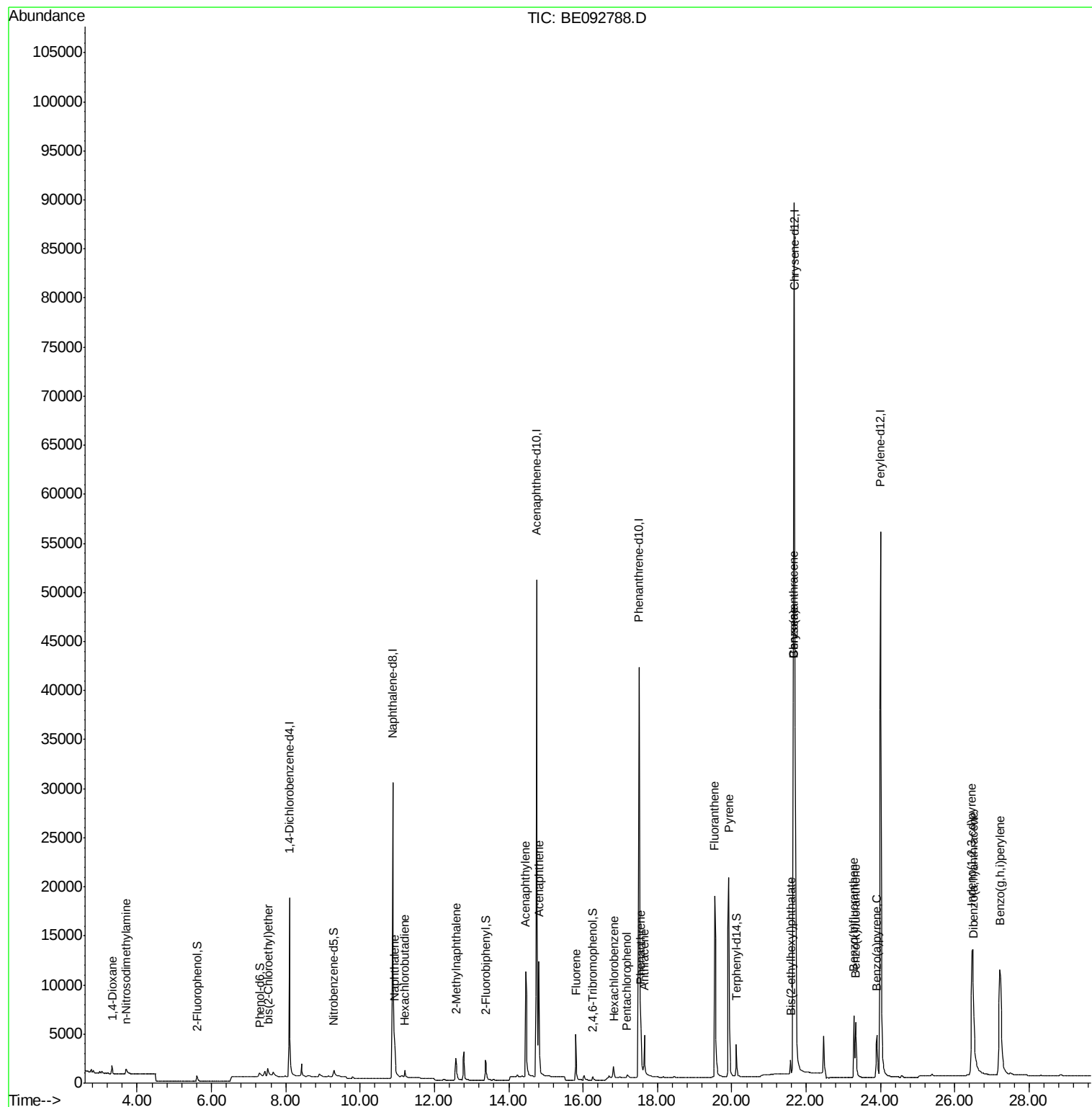
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	694	0.41	ng	94
3) n-Nitrosodimethylamine	3.70	42	760	0.40	ng	99
6) bis(2-Chloroethyl)ether	7.52	93	1213	0.39	ng	88
9) Naphthalene	10.93	128	4463	0.41	ng	99
10) Hexachlorobutadiene	11.20	225	672	0.43	ng	99
11) 2-Methylnaphthalene	12.58	142	2803	0.40	ng	93
15) Acenaphthylene	14.46	152	20180	0.38	ng	99
16) Acenaphthene	14.82	154	2955	0.40	ng	84
17) Fluorene	15.81	166	4017	0.40	ng	99
19) Hexachlorobenzene	16.82	284	1193	0.39	ng	95
20) Pentachlorophenol	17.19	266	305	0.36	ng	93
21) Phenanthrene	17.56	178	6900	0.39	ng	# 74
22) Anthracene	17.65	178	6799	0.38	ng	99
23) Fluoranthene	19.54	202	33928	0.39	ng	100
25) Pyrene	19.92	202	35568	0.39	ng	100
27) Benzo(a)anthracene	21.66	228	76445	0.78	ng	99
28) Chrysene	21.66	228	76755	0.82	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.59	149	2623	0.31	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.46	276	37070	0.37	ng	98
32) Benzo(b)fluoranthene	23.29	252	8878	0.39	ng	99
33) Benzo(k)fluoranthene	23.34	252	9438	0.42	ng	97
34) Benzo(a)pyrene	23.90	252	8070	0.39	ng	98
35) Dibenzo(a,h)anthracene	26.50	278	7611	0.39	ng	98
36) Benzo(g,h,i)perylene	27.21	276	33189	0.40	ng	98

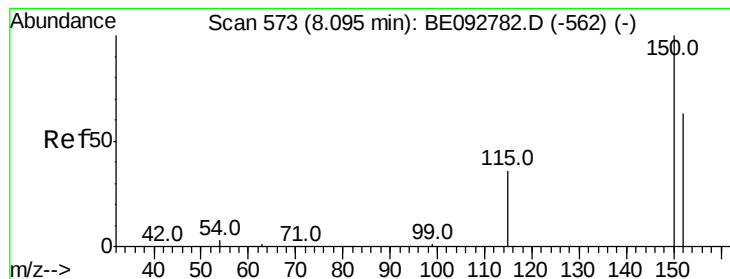
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

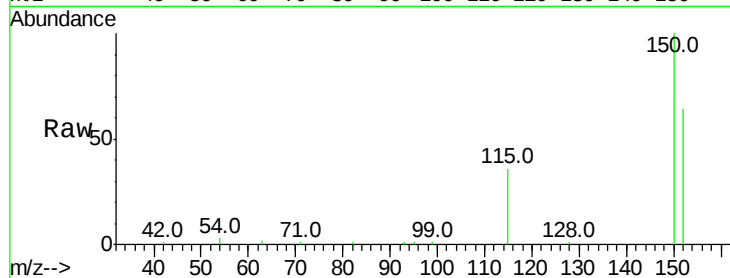
Tot Ion:152 Resp: 11385

Ion Ratio Lower Upper

152 100

150 155.8 106.0 159.0

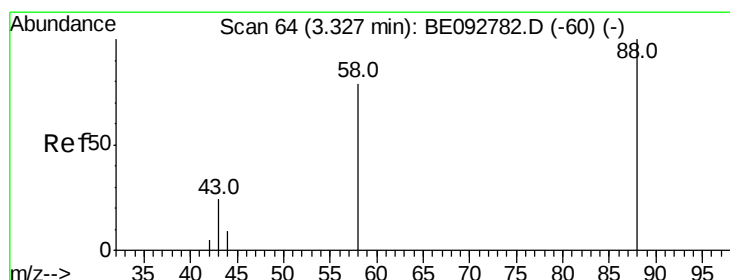
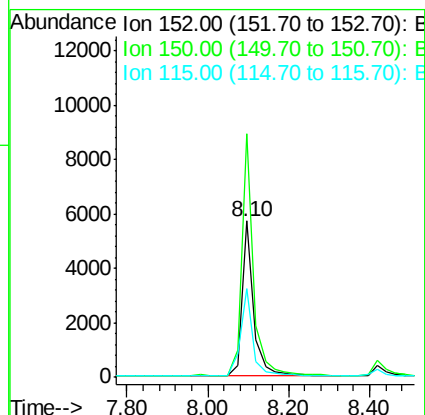
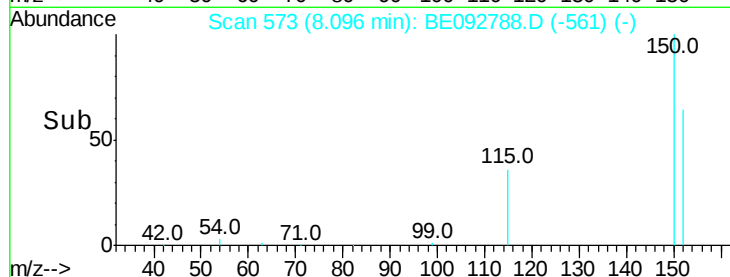
115 56.7 31.2 46.8#



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: 0.41 ng

RT: 3.33 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

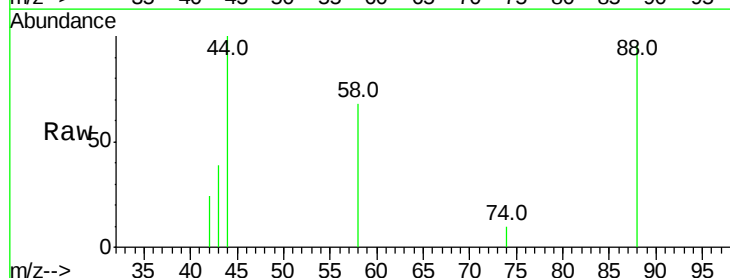
Tgt Ion: 88 Resp: 694

Ion Ratio Lower Upper

88 100

58 72.0 63.6 95.4

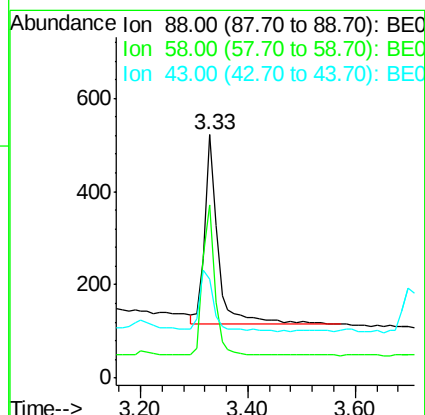
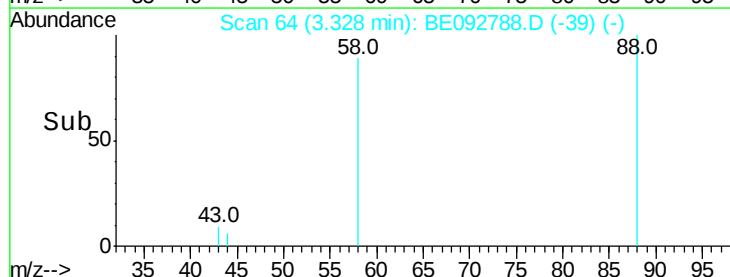
43 34.1 28.0 42.0

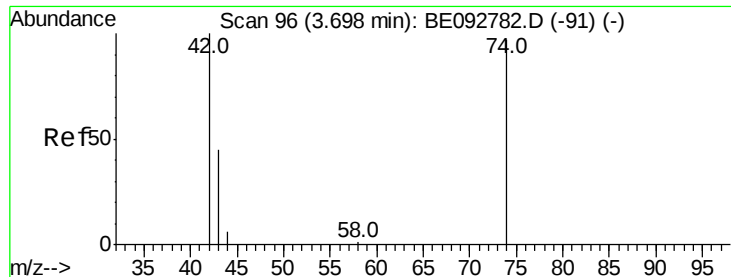


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



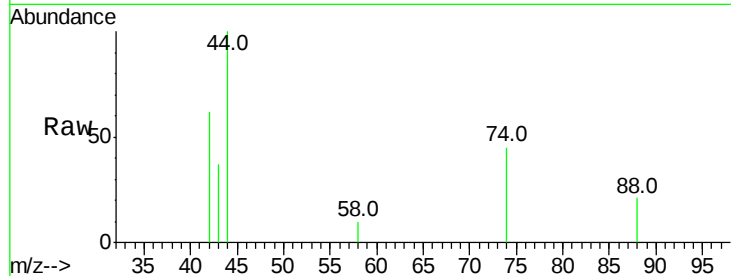


#3

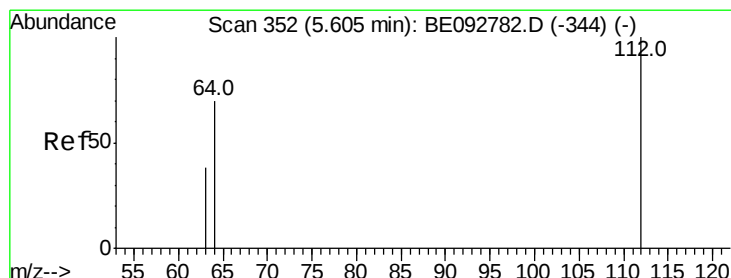
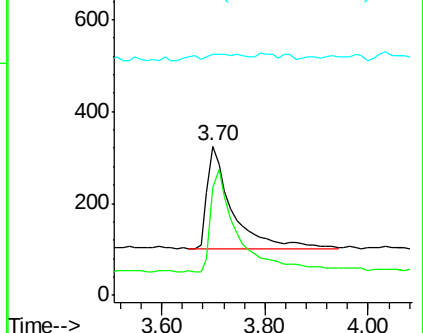
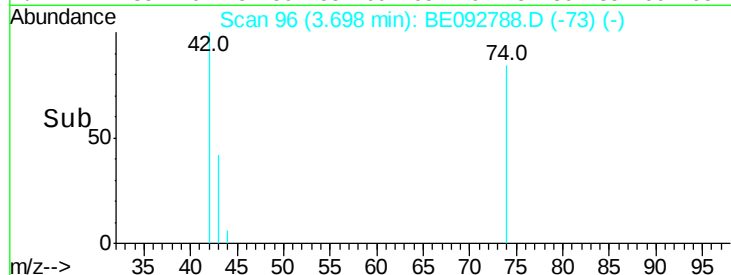
n-Nitrosodimethylamine
 Concen: 0.40 ng
 RT: 3.70 min Scan# 96
 Delta R.T. -0.03 min
 Lab File: BE092788.D
 Acq: 6 Mar 2017 15:15

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE030617

Tot Ion: 42 Resp: 760
 Ion Ratio Lower Upper
 42 100
 74 108.6 86.0 129.0
 44 6.6 5.1 7.7



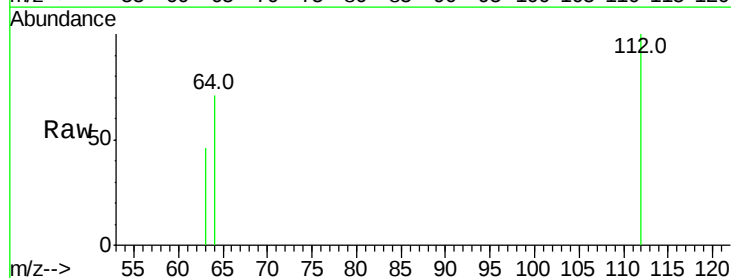
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



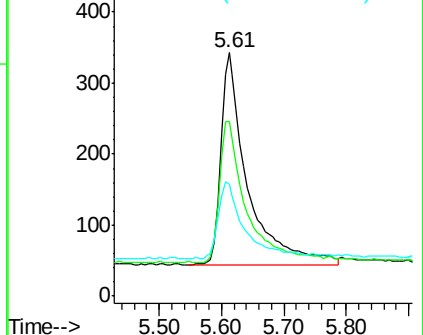
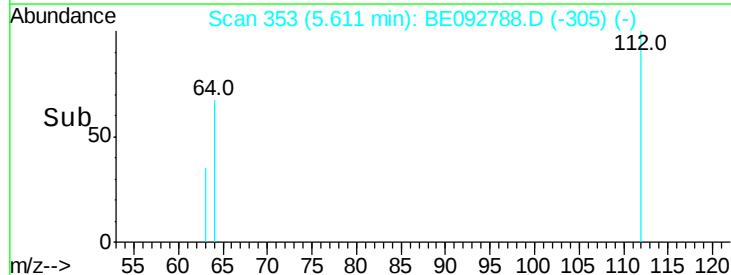
#4

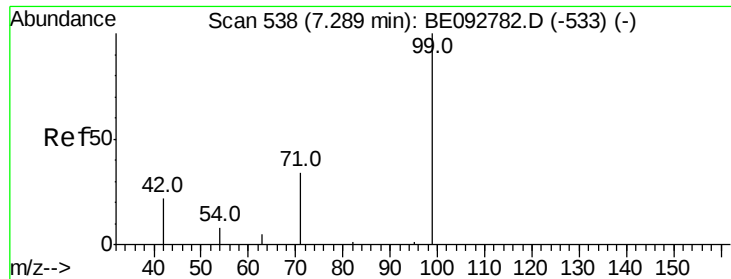
2-Fluorophenol
 Concen: 0.36 ng
 RT: 5.61 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: BE092788.D
 Acq: 6 Mar 2017 15:15

Tgt Ion: 112 Resp: 876
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.5 80.3
 63 36.6 27.9 41.9



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: 0.35 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

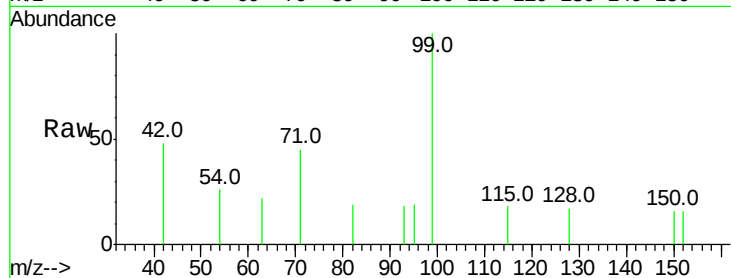
Tot Ion: 99 Resp: 1003

Ion Ratio Lower Upper

99 100

42 26.8 16.0 24.0#

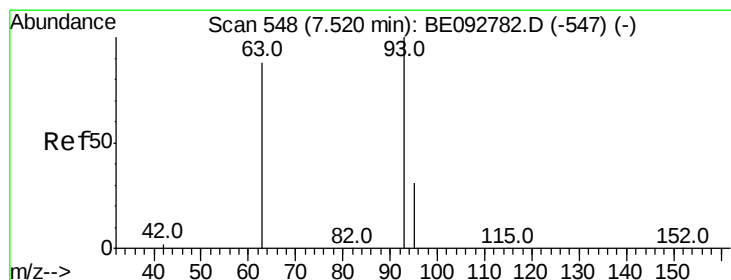
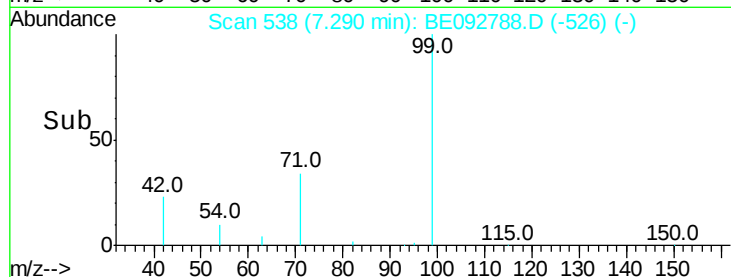
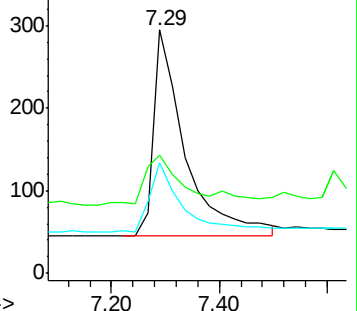
71 35.3 30.6 45.8



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

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

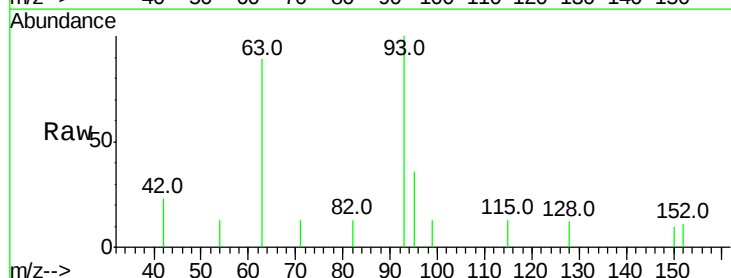
Tgt Ion: 93 Resp: 1213

Ion Ratio Lower Upper

93 100

63 75.4 71.6 107.4

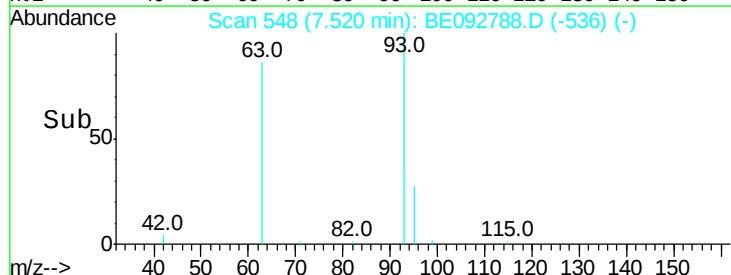
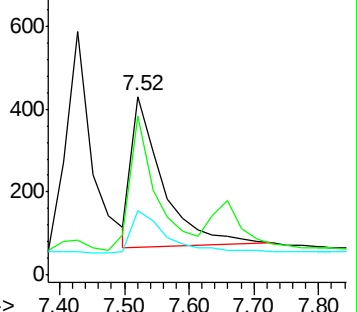
95 31.8 24.0 36.0

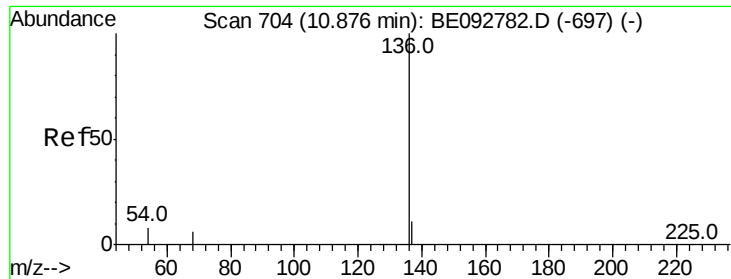


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

Tot Ion:136 Resp: 50513

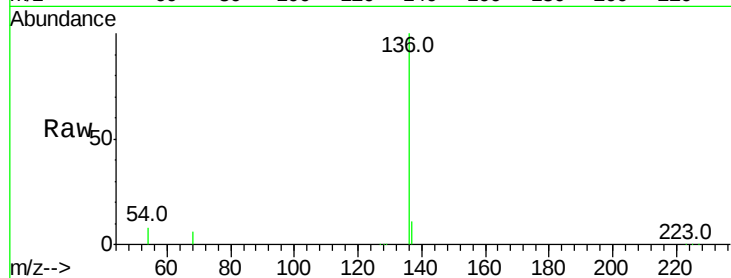
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.4 9.6 14.4#

68 6.1 6.7 10.1#

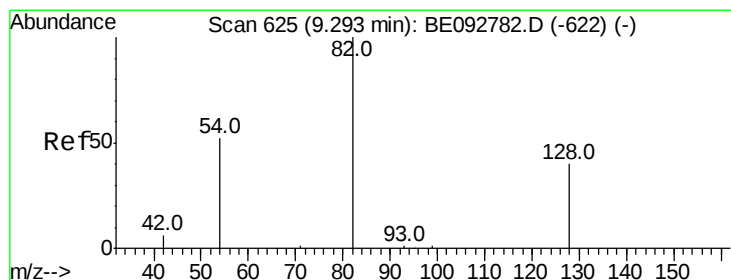
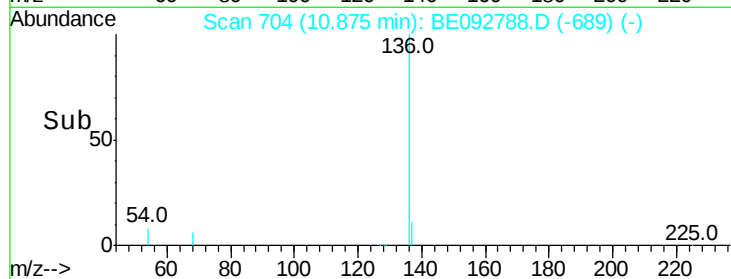
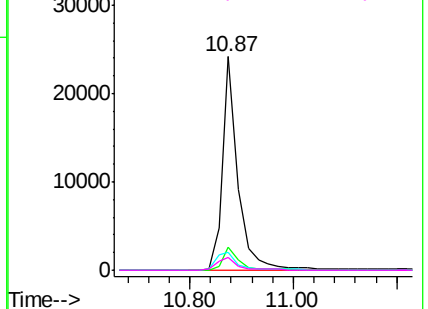


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

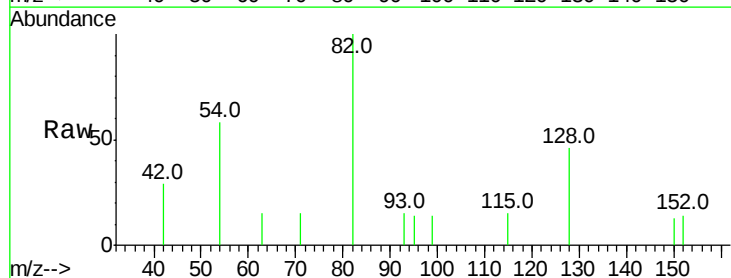
Tgt Ion: 82 Resp: 1184

Ion Ratio Lower Upper

82 100

128 45.7 39.0 58.4

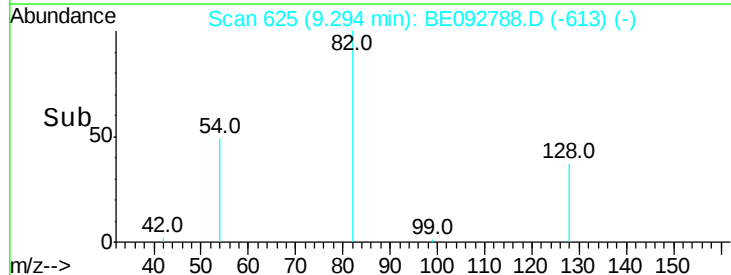
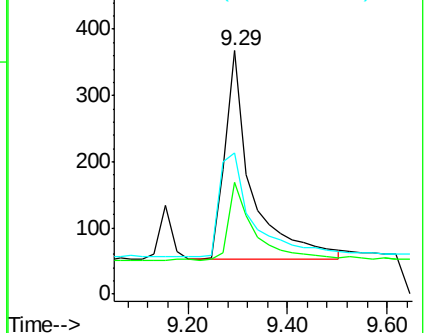
54 57.9 44.8 67.2

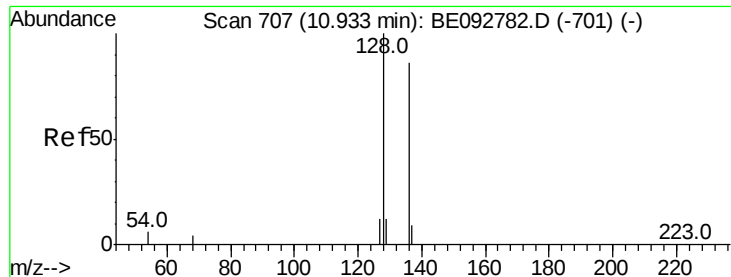


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.41 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

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ClientSampleId :

ICVBE030617

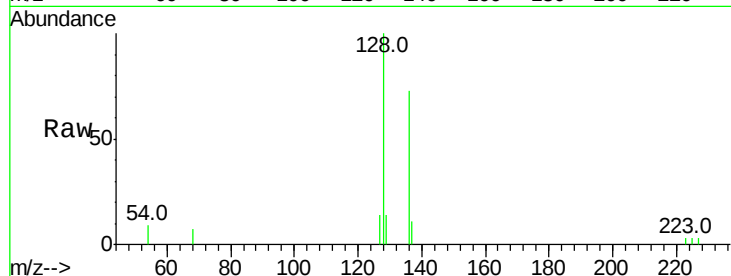
Tot Ion:128 Resp: 4463

Ion Ratio Lower Upper

128 100

129 14.2 11.2 16.8

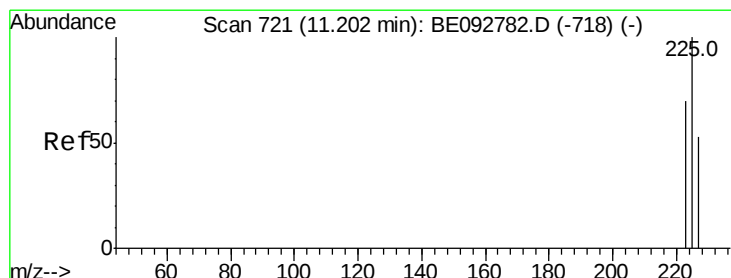
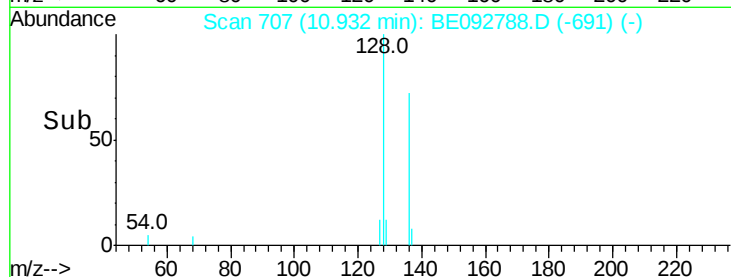
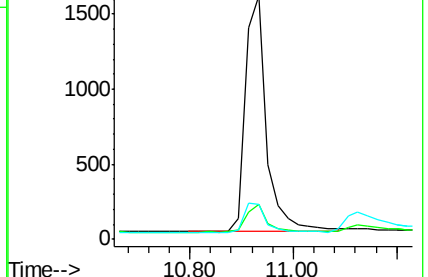
127 14.2 11.6 17.4



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: 0.43 ng

RT: 11.20 min Scan# 721

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

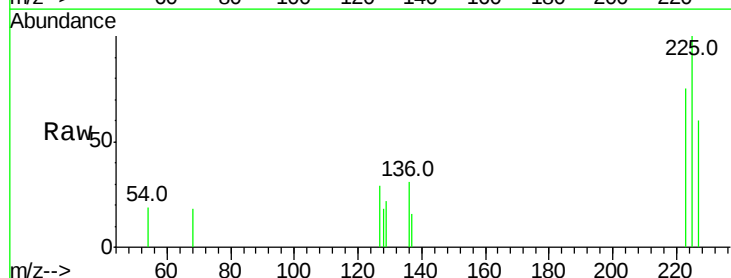
Tgt Ion:225 Resp: 672

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

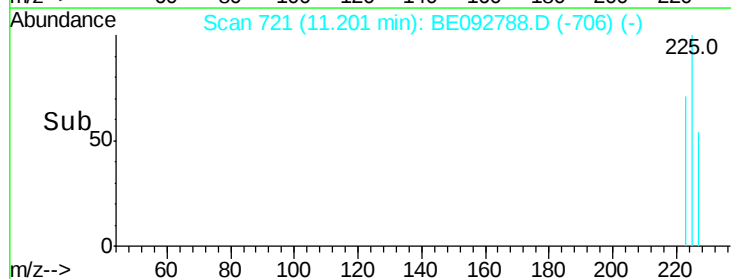
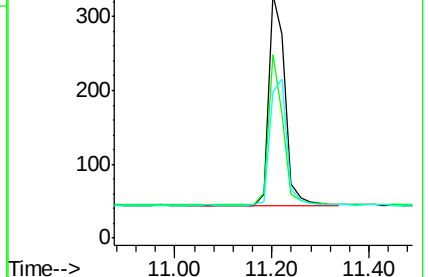
227 63.2 51.4 77.0

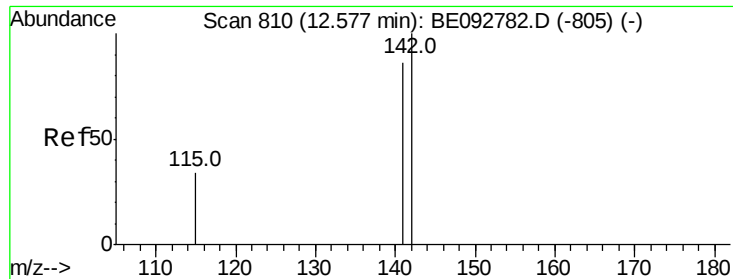


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

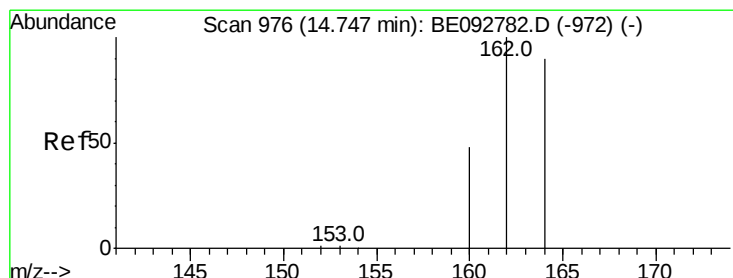
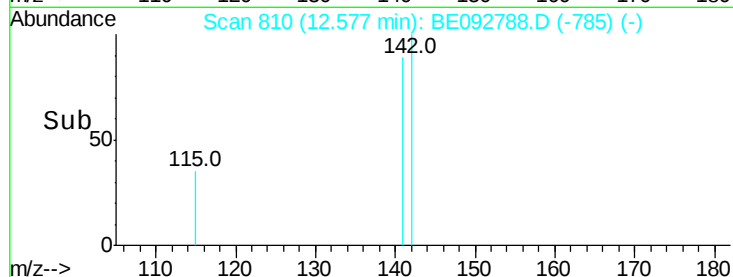
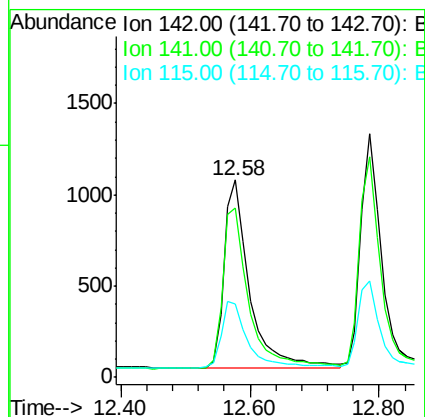
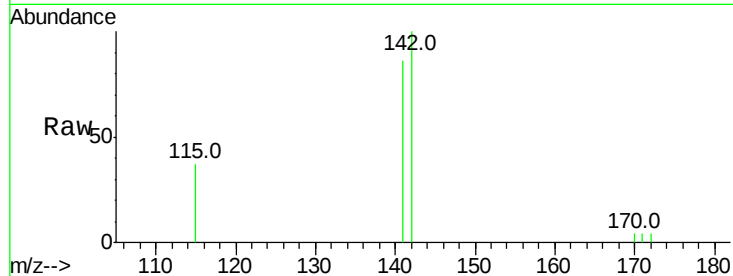




#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.58 min Scan# 810
Delta R.T. -0.01 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

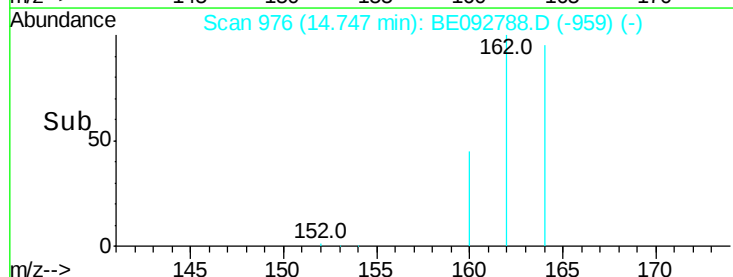
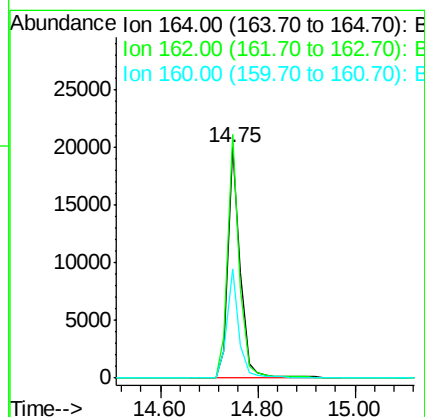
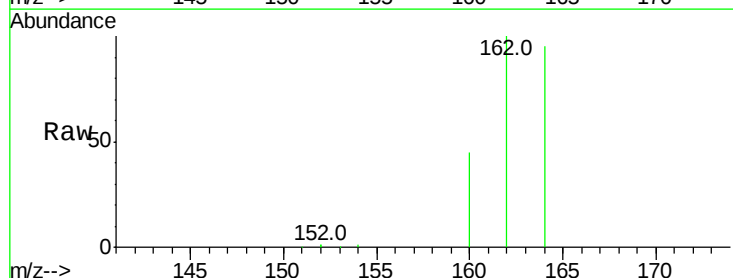
Instrument :
BNA_E
ClientSampleId :
ICVBE030617

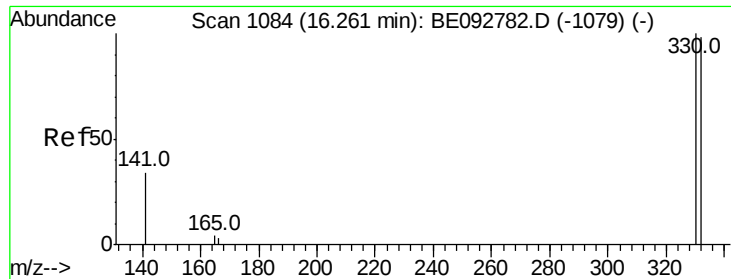
Tot Ion:142 Resp: 2803
Ion Ratio Lower Upper
142 100
141 85.8 73.7 110.5
115 37.0 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Tgt Ion:164 Resp: 34561
Ion Ratio Lower Upper
164 100
162 105.7 71.4 107.0
160 47.6 27.4 41.2#

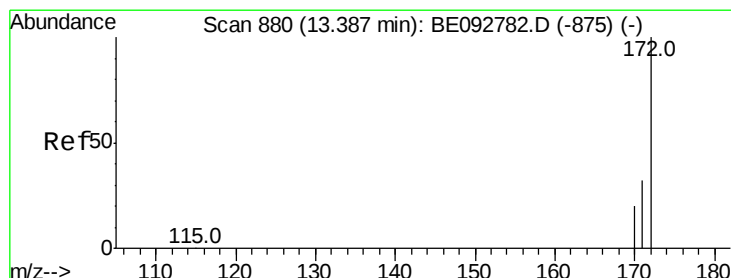
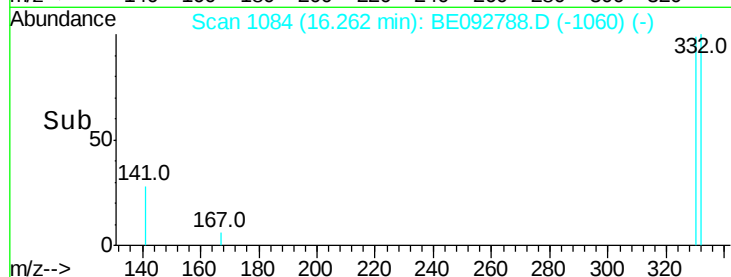
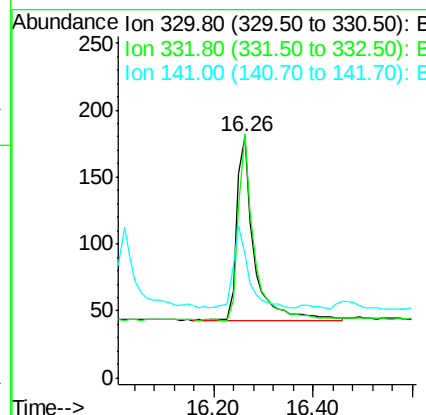
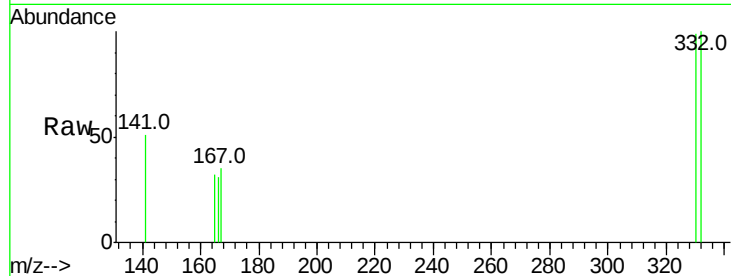




#13
 2,4,6-Tribromophenol
 Concen: 0.37 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092788.D
 Acq: 6 Mar 2017 15:15

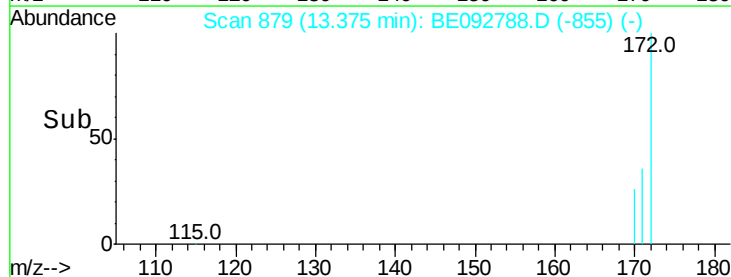
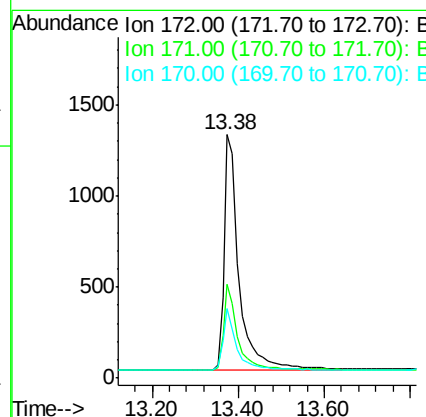
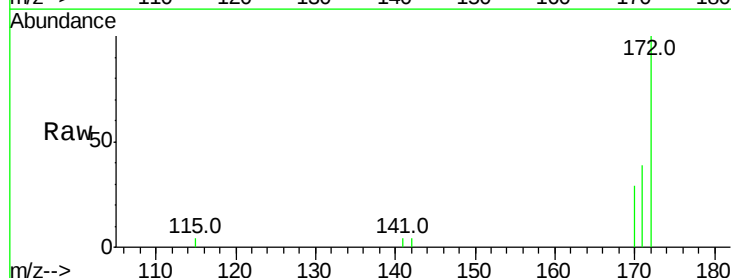
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE030617

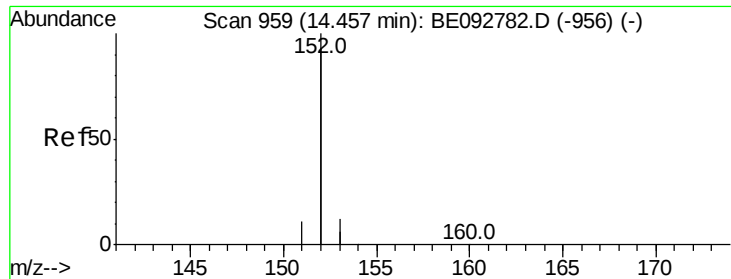
Tot Ion:330 Resp: 332
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.4 113.0
 141 39.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092788.D
 Acq: 6 Mar 2017 15:15

Tgt Ion:172 Resp: 3196
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.1 45.1
 170 28.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.46 min Scan# 959

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

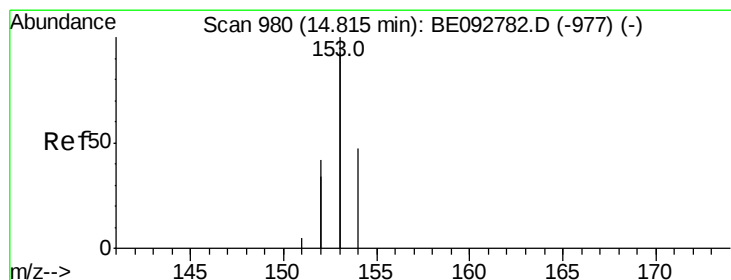
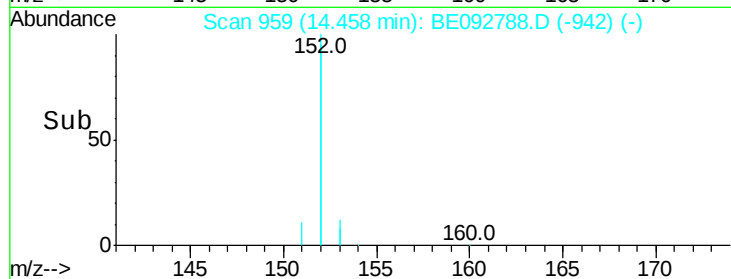
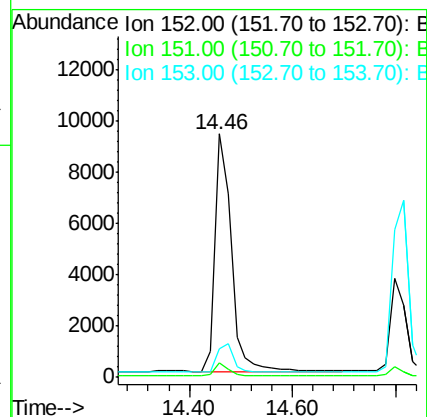
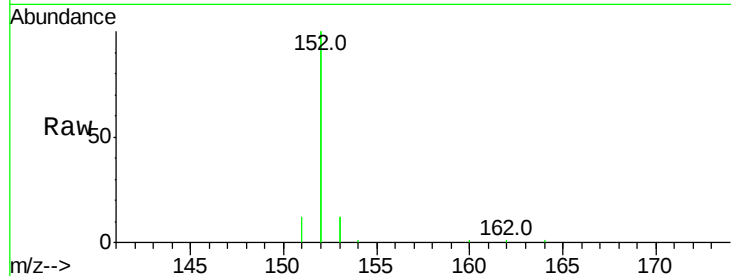
Tot Ion:152 Resp: 20180

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 12.8 10.4 15.6



#16

Acenaphthene

Concen: 0.40 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

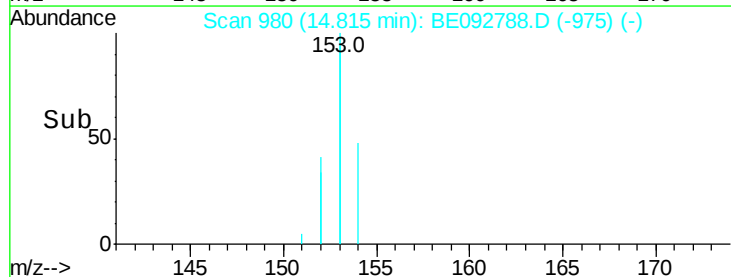
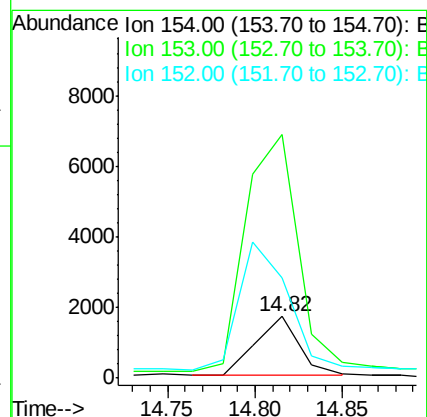
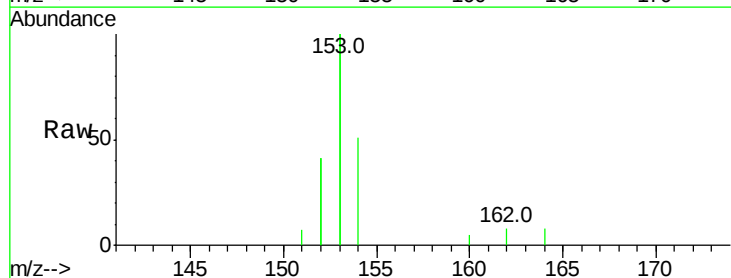
Tgt Ion:154 Resp: 2955

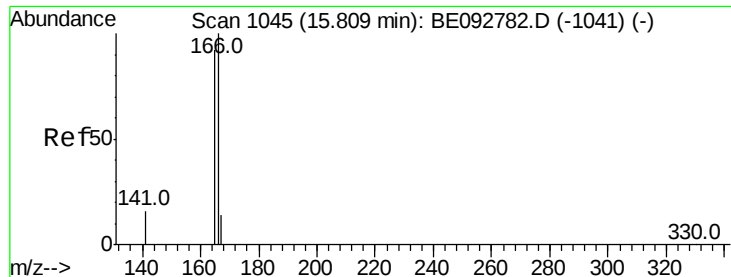
Ion Ratio Lower Upper

154 100

153 476.8 350.8 526.2

152 240.2 171.1 256.7





#17

Fluorene

Concen: 0.40 ng

RT: 15.81 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

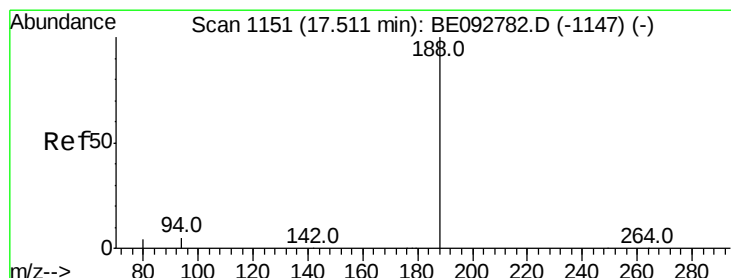
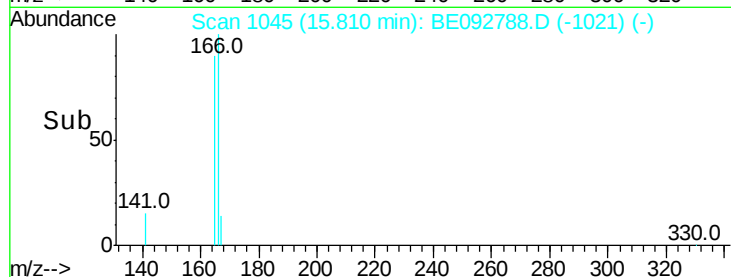
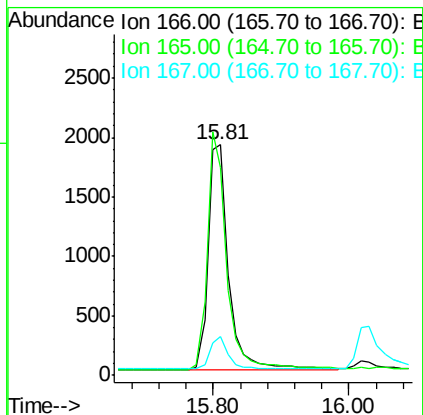
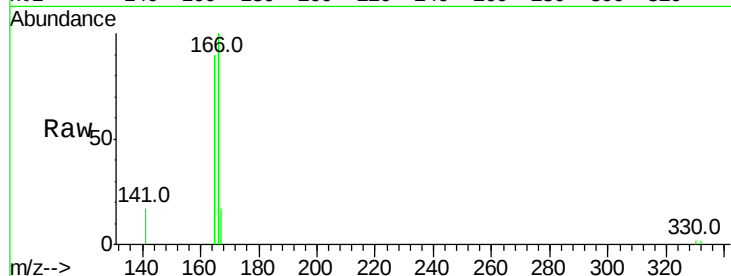
Tot Ion:166 Resp: 4017

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

167 13.1 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

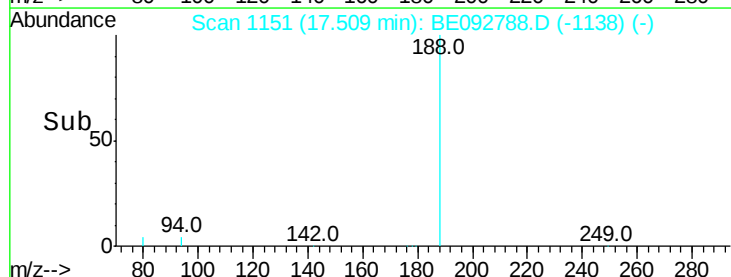
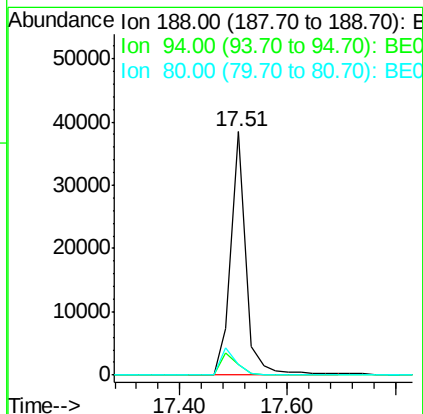
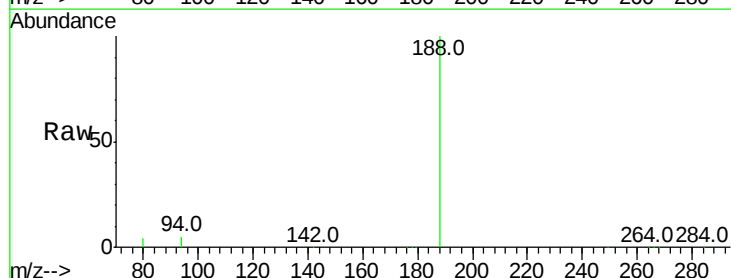
Tgt Ion:188 Resp: 74354

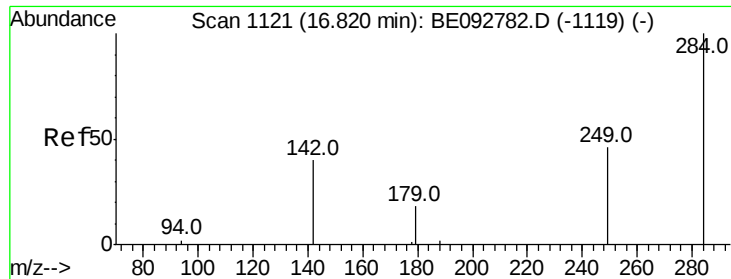
Ion Ratio Lower Upper

188 100

94 4.6 3.2 4.8

80 4.2 2.6 3.8#

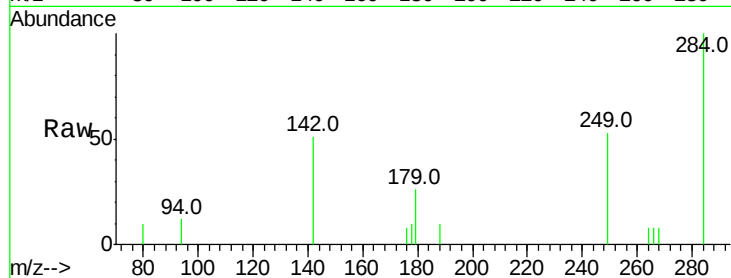




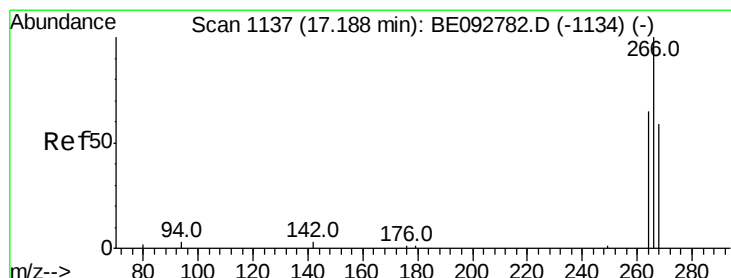
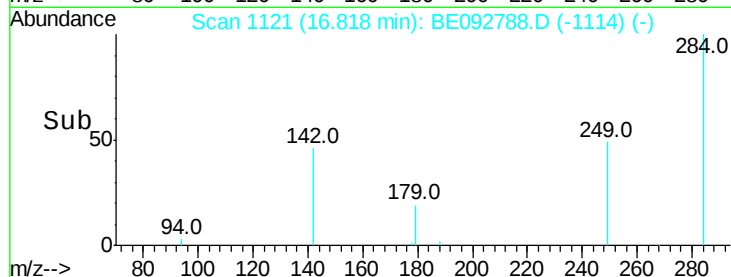
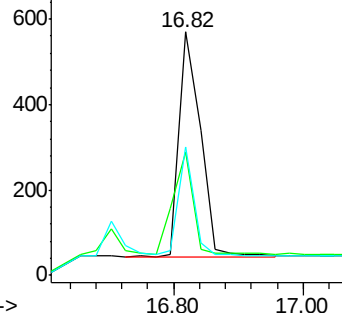
#19
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Instrument :
BNA_E
ClientSampleId :
ICVBE030617

Tot Ion:284 Resp: 1193
Ion Ratio Lower Upper
284 100
142 42.1 29.1 43.7
249 34.5 27.9 41.9

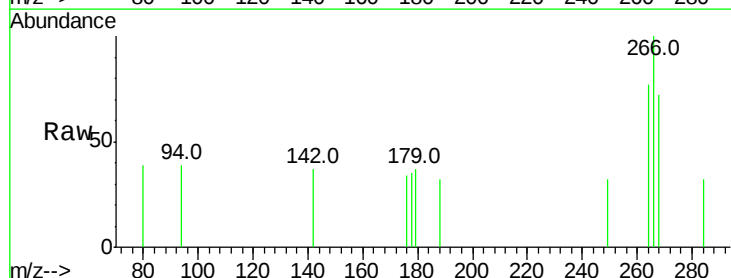


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

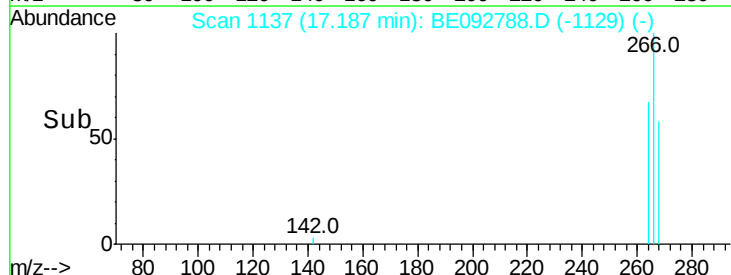
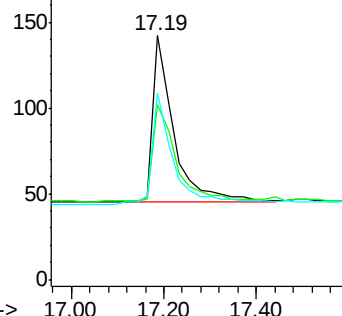


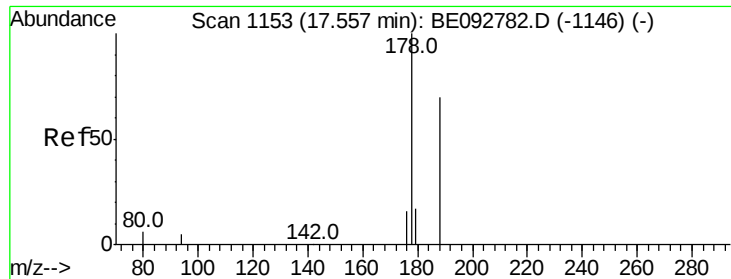
#20
Pentachlorophenol
Concen: 0.36 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Tgt Ion:266 Resp: 305
Ion Ratio Lower Upper
266 100
268 71.8 62.5 93.7
264 76.8 57.2 85.8



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





#21

Phenanthrene

Concen: 0.39 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

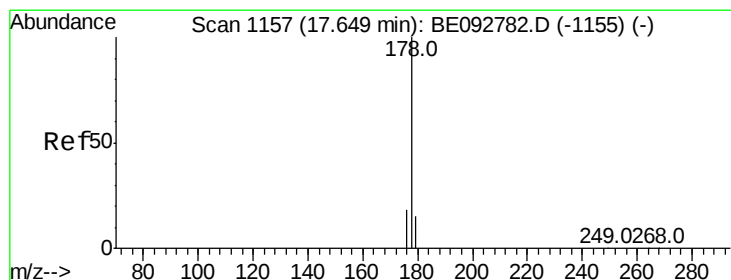
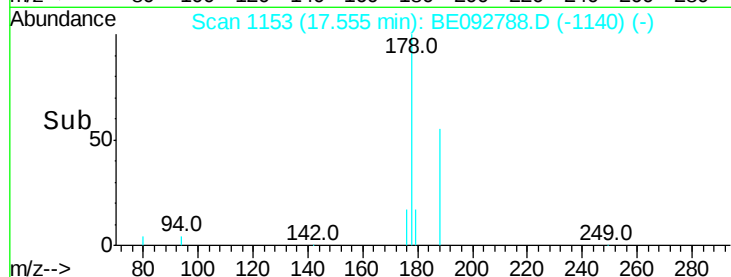
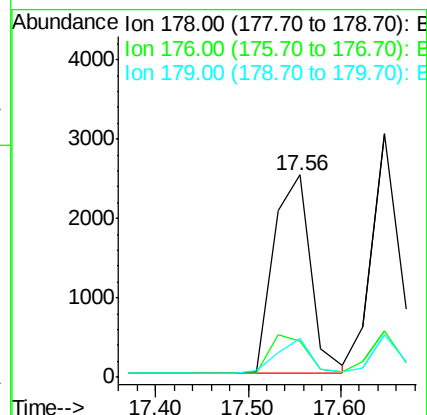
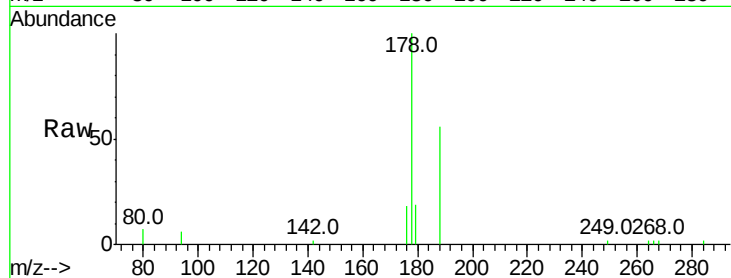
Tot Ion:178 Resp: 6900

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 16.1 16.0 24.0



#22

Anthracene

Concen: 0.38 ng

RT: 17.65 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

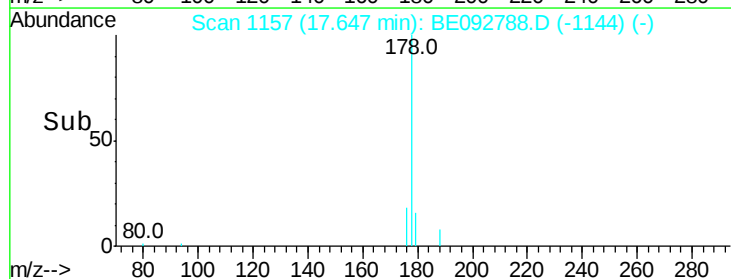
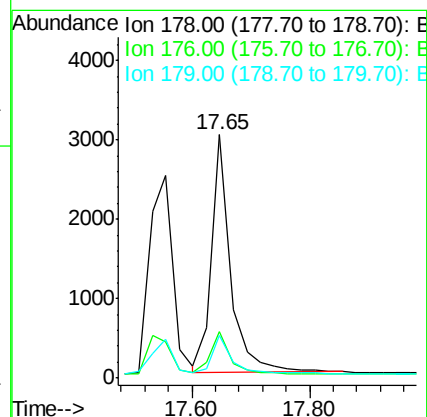
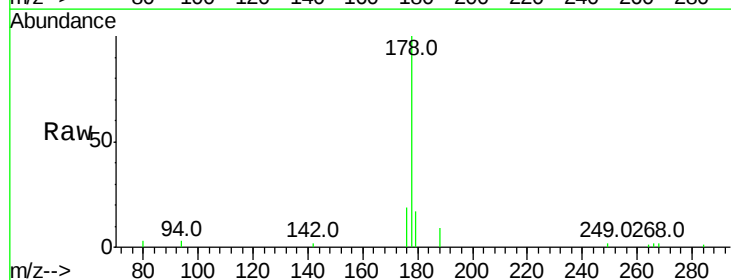
Tgt Ion:178 Resp: 6799

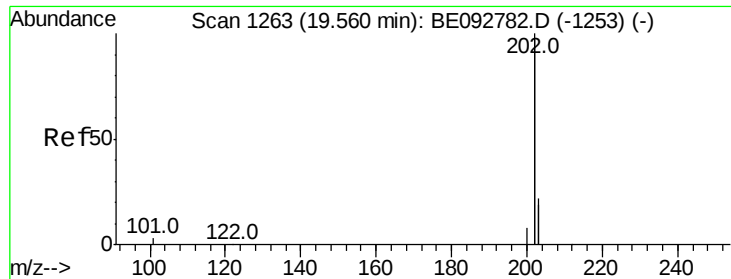
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.9 12.2 18.2





#23

Fluoranthene

Concen: 0.39 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

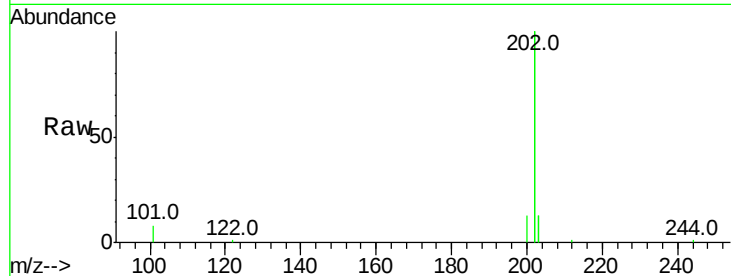
Tot Ion:202 Resp: 33928

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

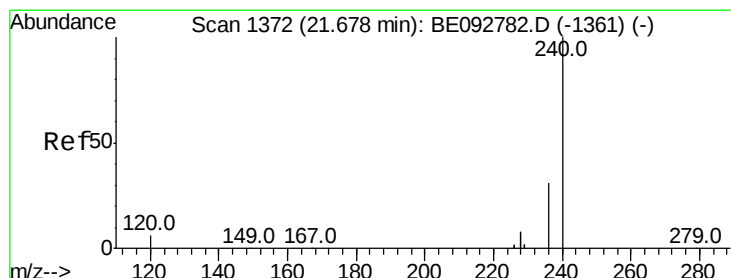
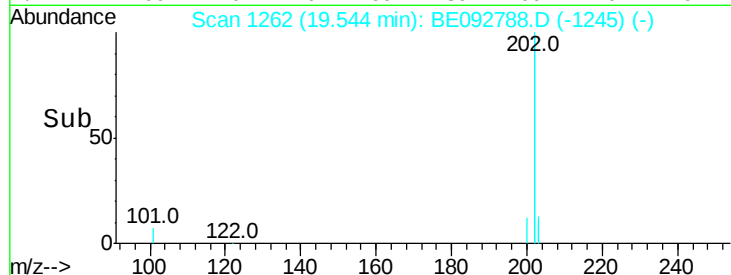
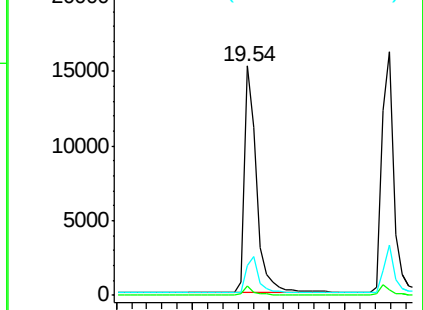
203 17.0 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

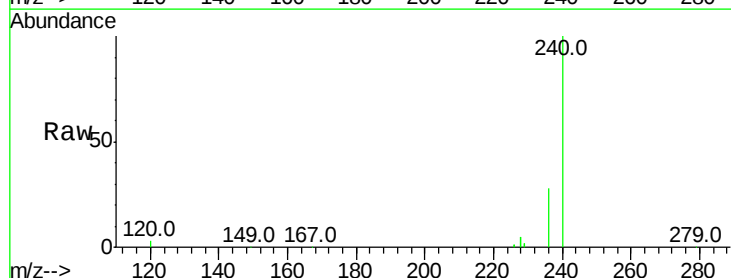
Tgt Ion:240 Resp: 101834

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

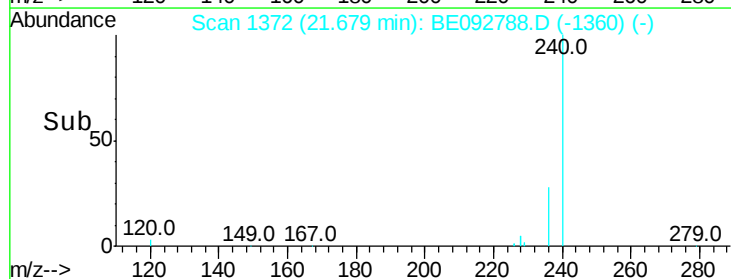
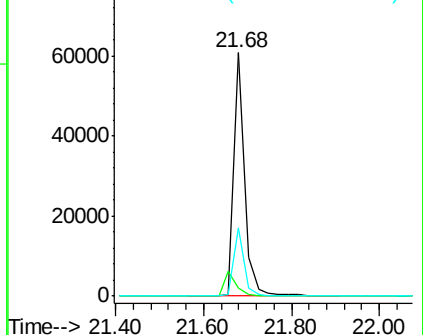
236 28.0 24.6 37.0

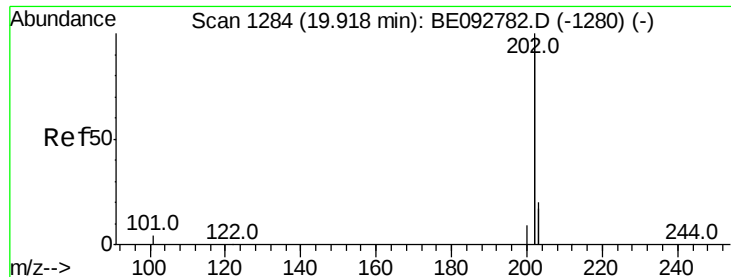


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.39 ng

RT: 19.92 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

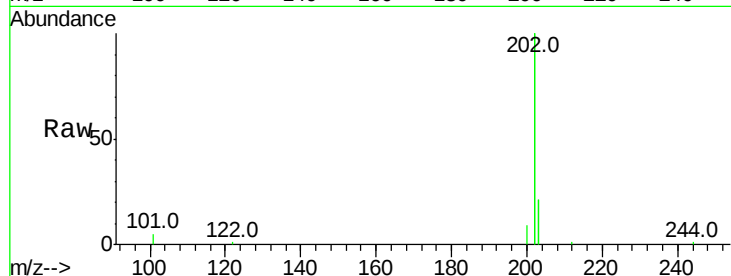
Tot Ion:202 Resp: 35568

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

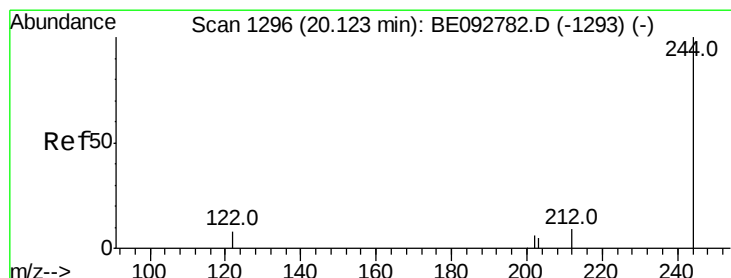
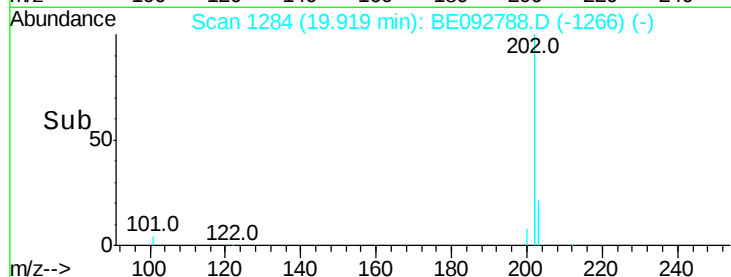
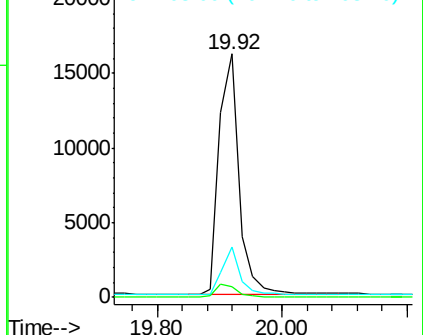
203 17.4 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.39 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

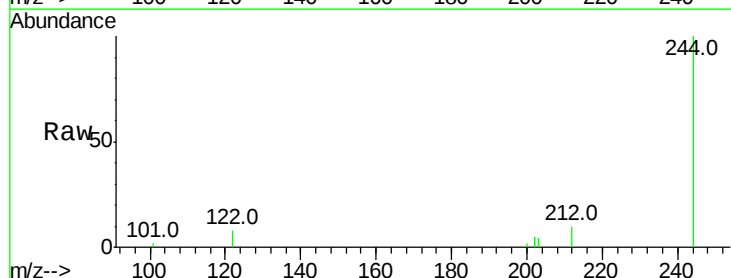
Tgt Ion:244 Resp: 4737

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

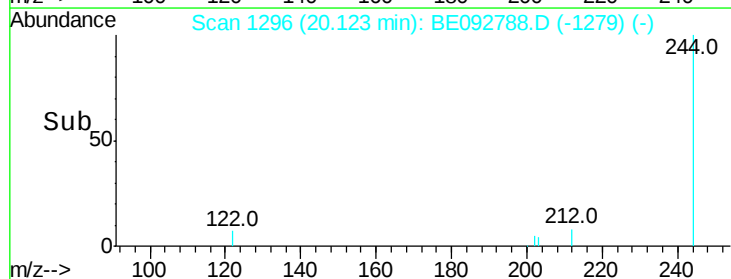
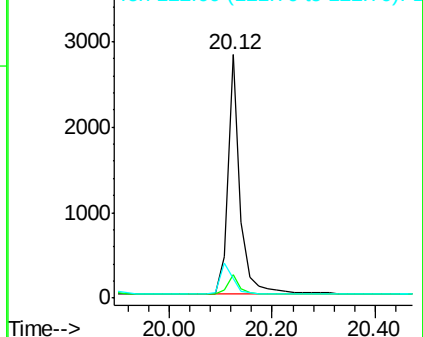
122 8.3 3.6 5.4#

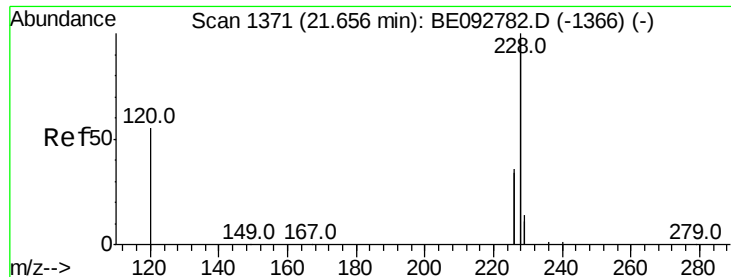


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

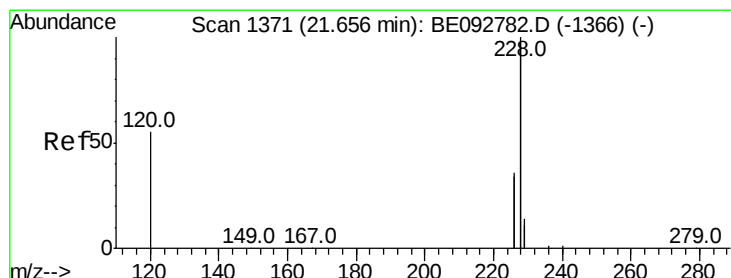
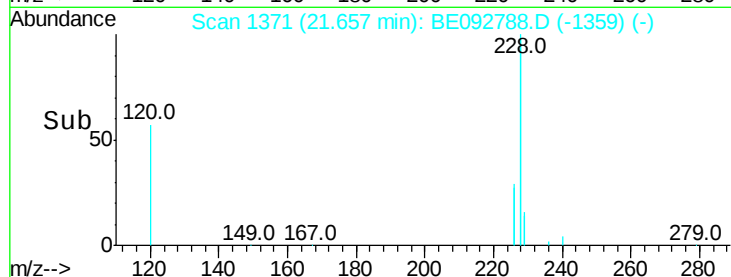
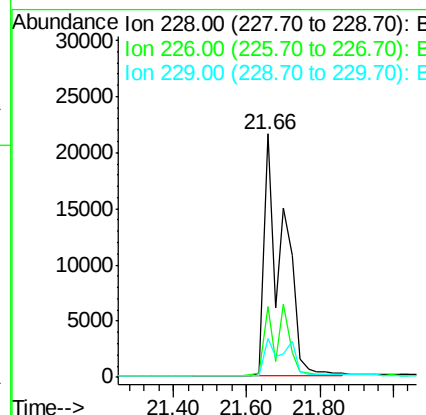
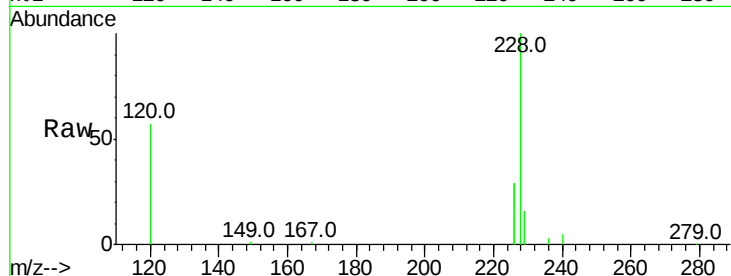




#27
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

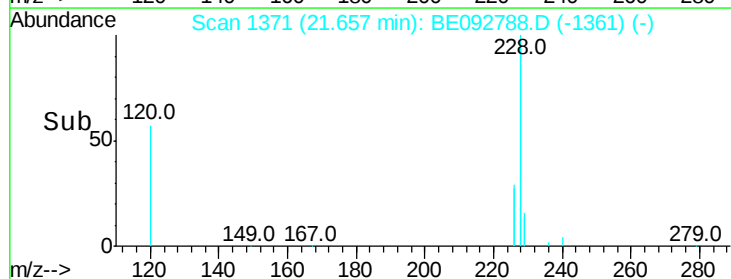
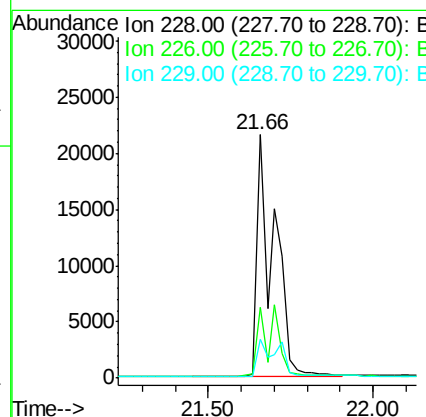
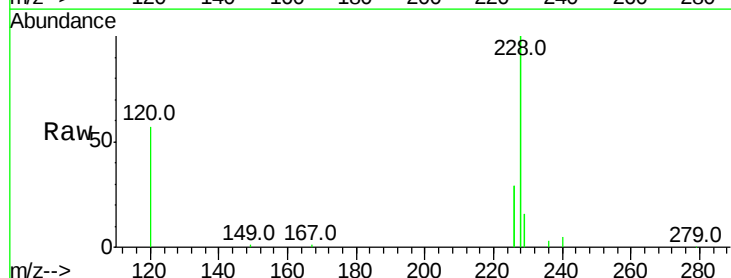
Instrument :
BNA_E
ClientSampleId :
ICVBE030617

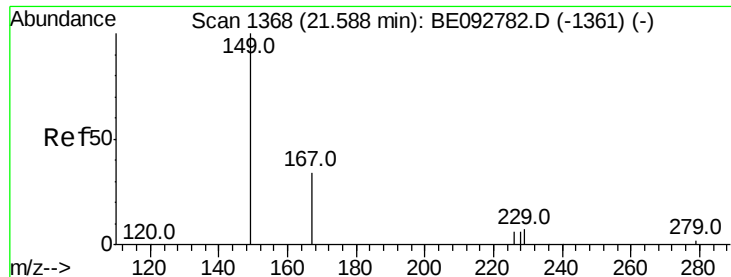
Tot Ion:228 Resp: 76445
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 16.0 13.3 19.9



#28
Chrysene
Concen: 0.82 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Tgt Ion:228 Resp: 76755
Ion Ratio Lower Upper
228 100
226 29.2 36.3 54.5#
229 16.0 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

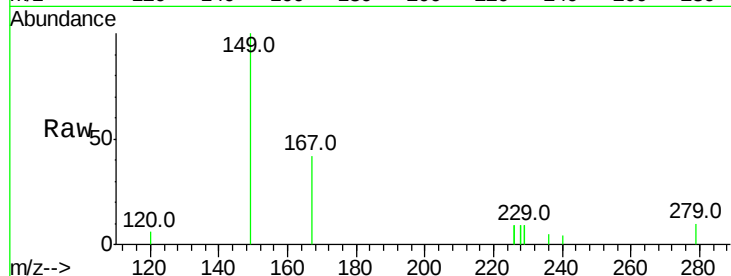
Tot Ion:149 Resp: 2623

Ion Ratio Lower Upper

149 100

167 28.2 16.0 24.0#

279 3.9 16.0 24.0#



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

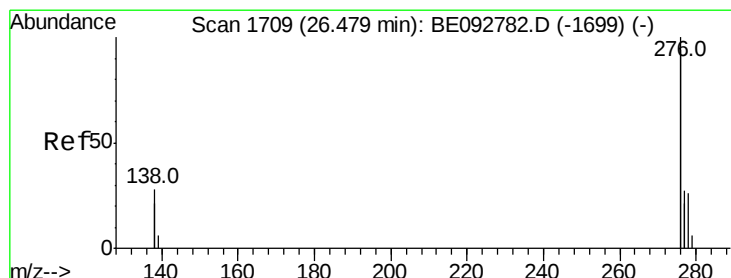
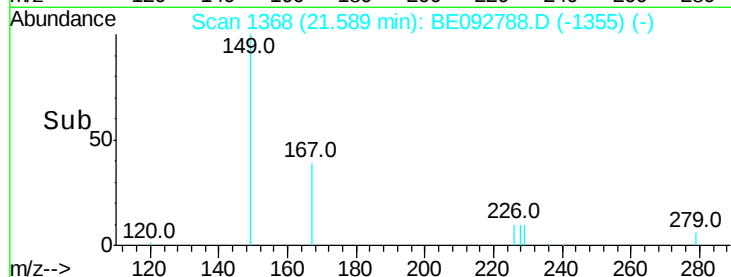
21.59

1000

500

0

Time-->



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng

RT: 26.46 min Scan# 1708

Delta R.T. -0.03 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

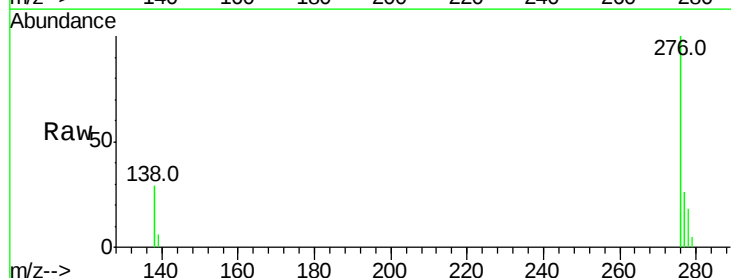
Tgt Ion:276 Resp: 37070

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

277 24.8 19.7 29.5



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

26.46

10000

8000

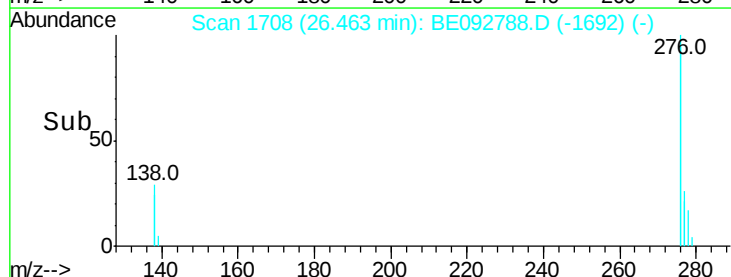
6000

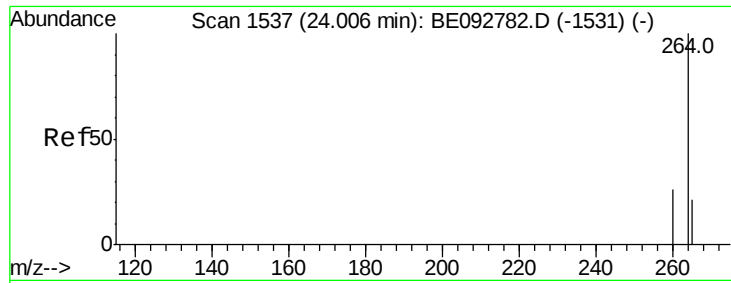
4000

2000

0

Time-->

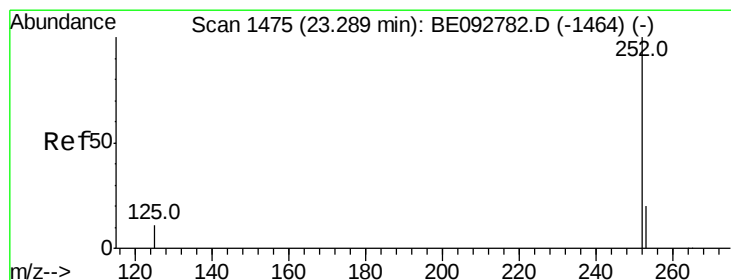
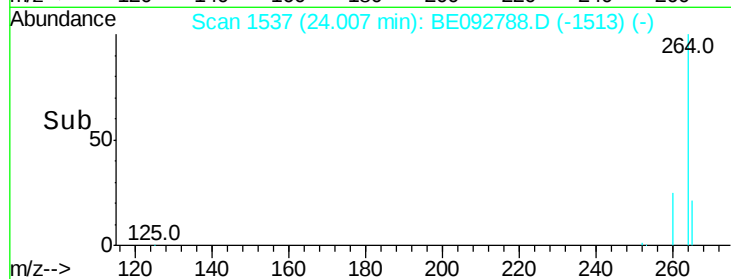
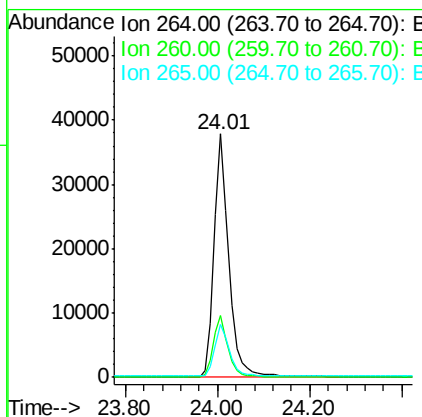
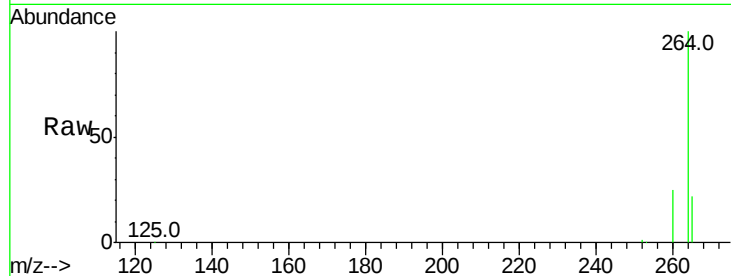




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

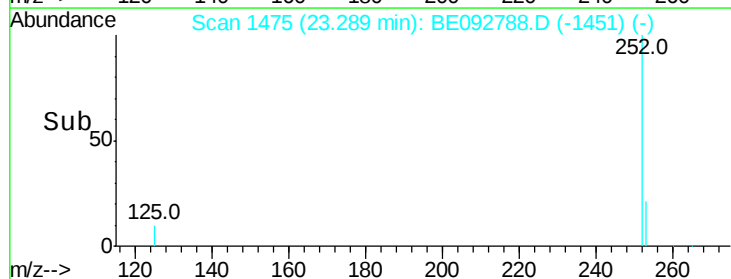
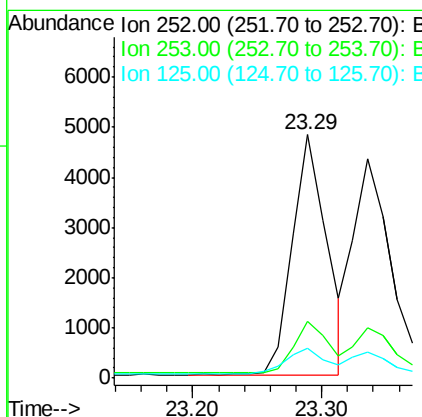
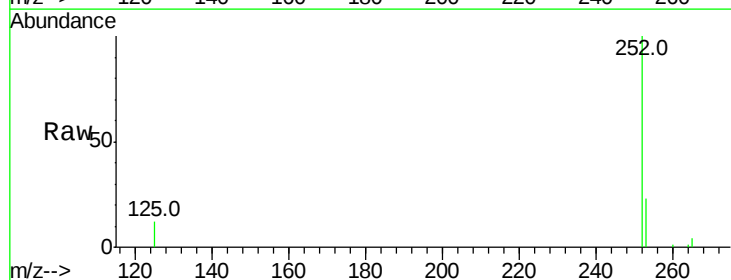
Instrument :
BNA_E
ClientSampleId :
ICVBE030617

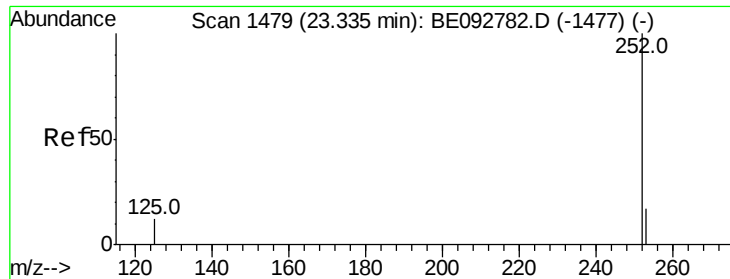
Tot Ion:264 Resp: 84601
Ion Ratio Lower Upper
264 100
260 25.3 20.1 30.1
265 21.6 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.29 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Tgt Ion:252 Resp: 8878
Ion Ratio Lower Upper
252 100
253 23.2 18.7 28.1
125 12.1 10.5 15.7

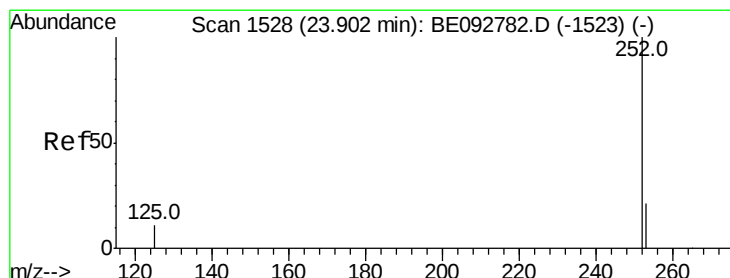
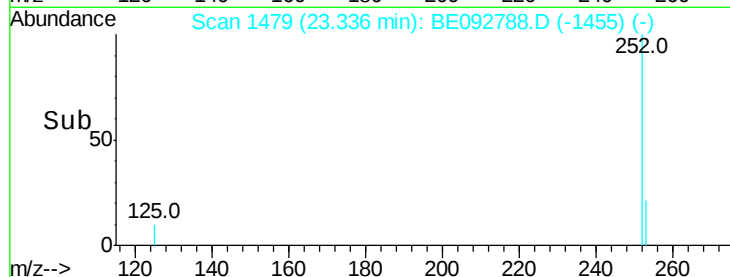
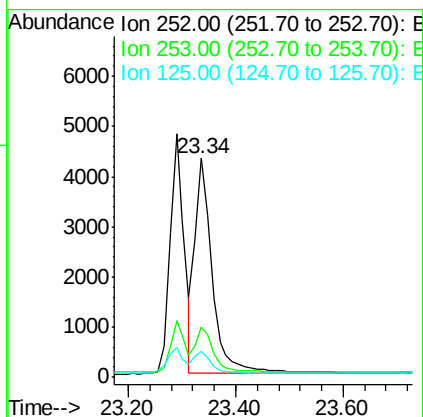
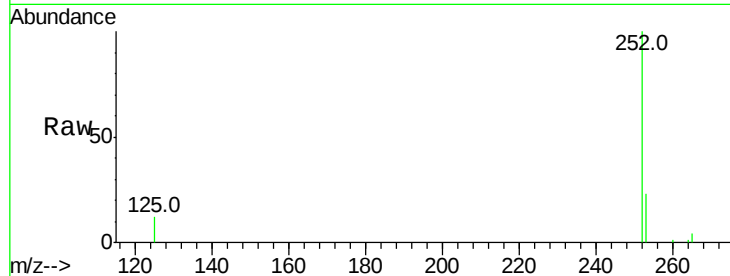




#33
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

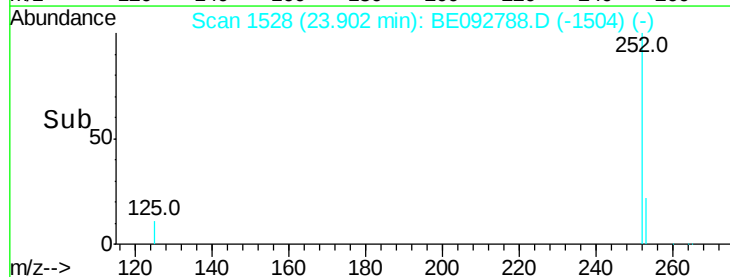
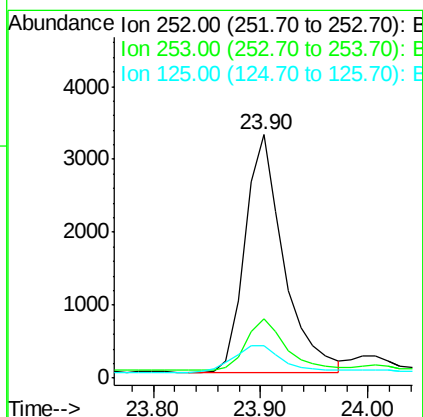
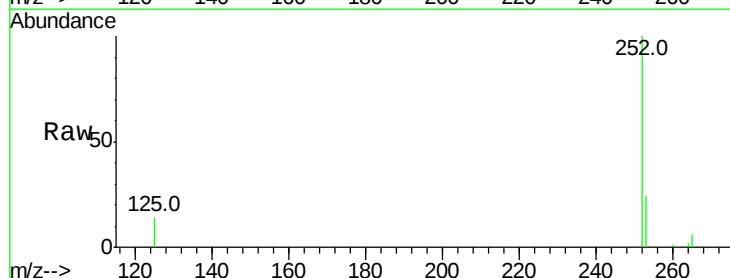
Instrument :
BNA_E
ClientSampleId :
ICVBE030617

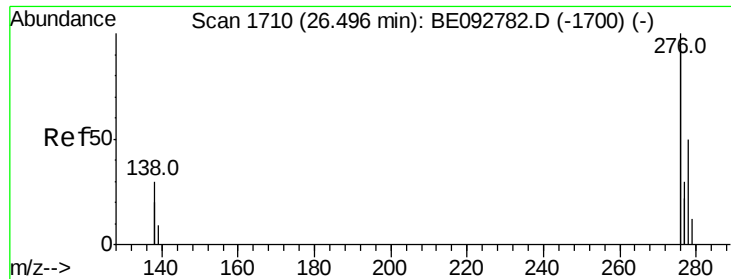
Tot Ion:252 Resp: 9438
Ion Ratio Lower Upper
252 100
253 23.2 20.3 30.5
125 12.0 9.6 14.4



#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.90 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BE092788.D
Acq: 6 Mar 2017 15:15

Tgt Ion:252 Resp: 8070
Ion Ratio Lower Upper
252 100
253 24.4 19.0 28.6
125 13.5 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.50 min Scan# 1710

Delta R.T. -0.02 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

Instrument :

BNA_E

ClientSampleId :

ICVBE030617

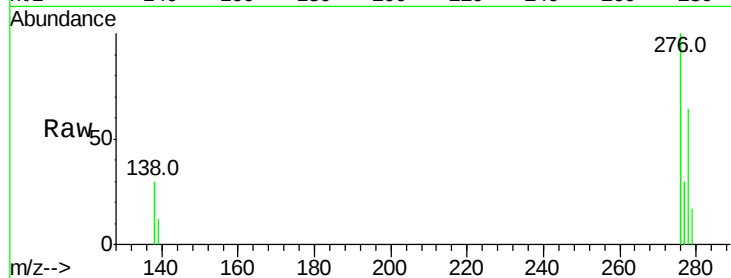
Tot Ion:278 Resp: 7611

Ion Ratio Lower Upper

278 100

139 19.6 13.8 20.8

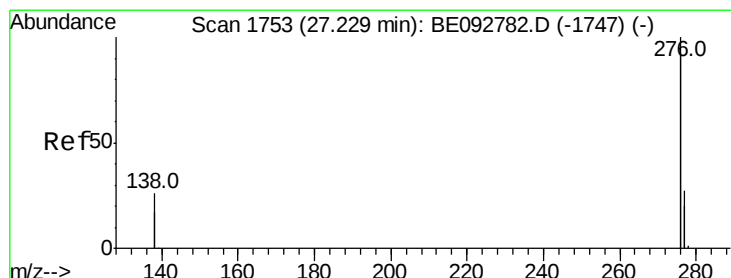
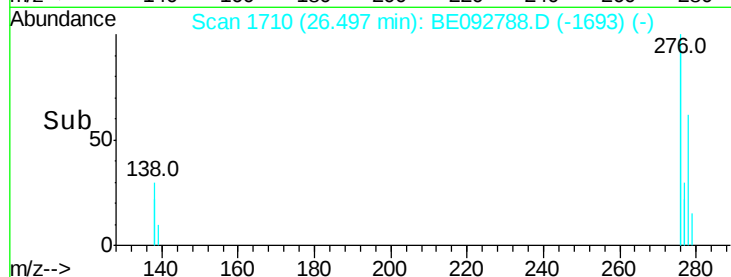
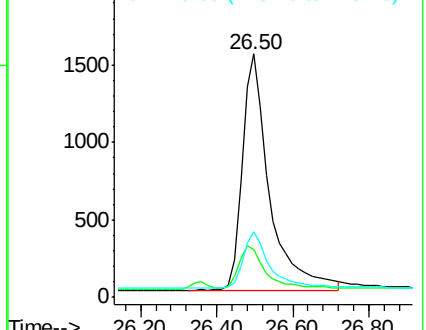
279 27.1 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 27.21 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BE092788.D

Acq: 6 Mar 2017 15:15

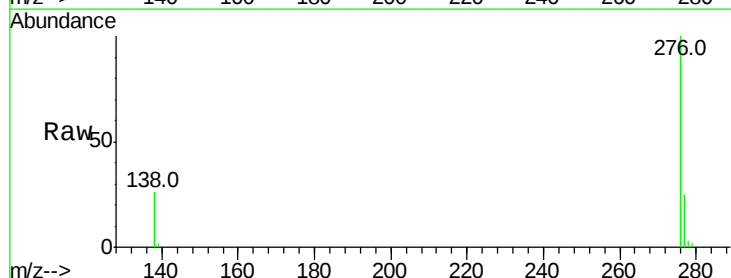
Tgt Ion:276 Resp: 33189

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 26.3 19.8 29.6



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

