

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093042.D
 Acq On : 15 May 2017 19:54
 Operator : SJ/MA
 Sample : I3079-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:13:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	991	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4130	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1922	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5696	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5846	0.40	ng	0.00
34) Perylene-d12	23.69	264	5073	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	436	0.14	ng	0.00
5) Phenol-d6	6.92	99	408	0.10	ng	0.00
8) Nitrobenzene-d5	8.88	82	1269	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	1896	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	204	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3747	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	5409	0.36	ng	0.00
29) Terphenyl-d14	19.74	244	6754	0.62	ng	0.00

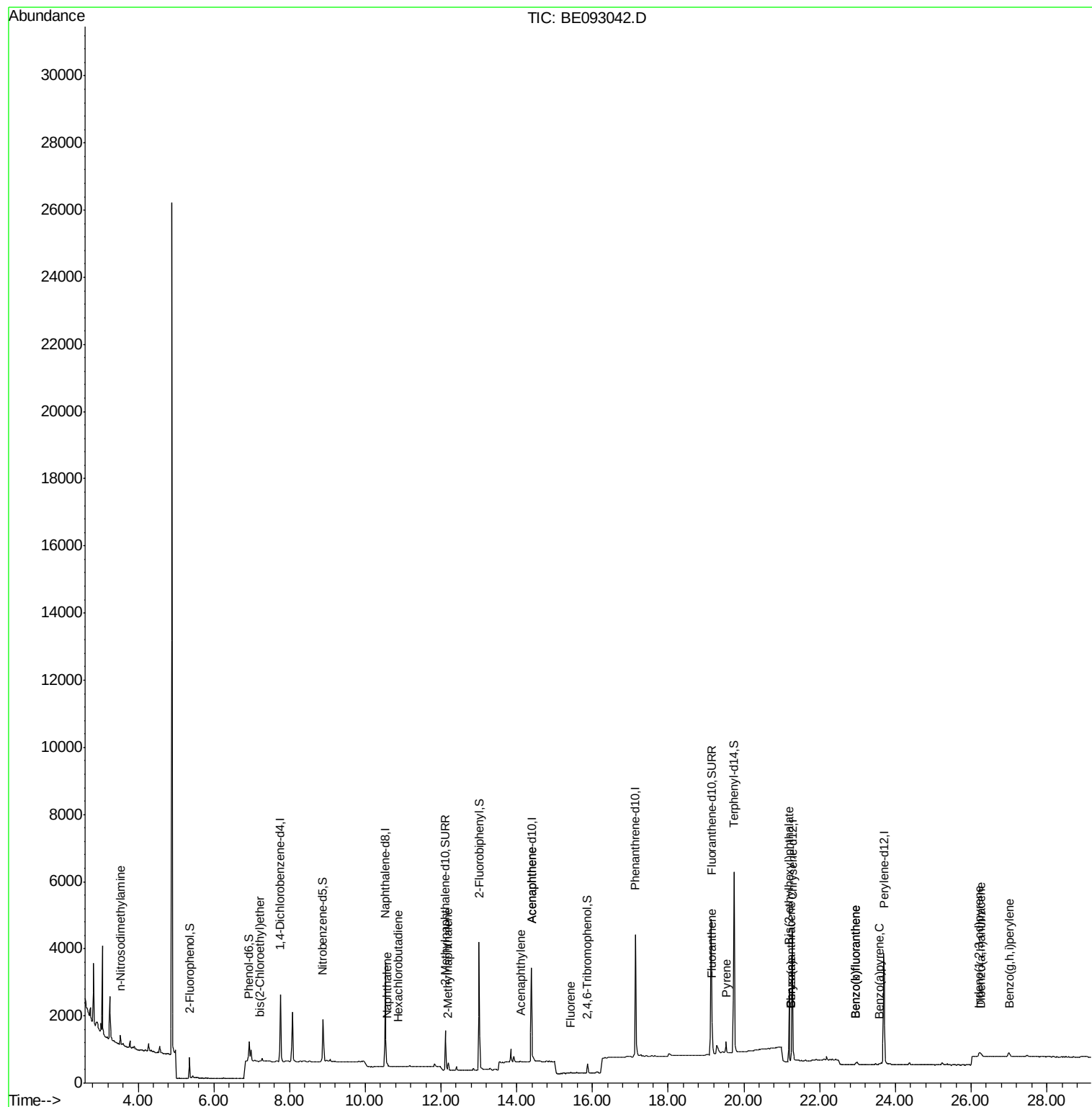
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	13	Below Cal	#	1
3) n-Nitrosodimethylamine	3.54	42	51	0.03	ng	1
6) bis(2-Chloroethyl)ether	7.22	93	4	0.00	ng	43
9) Naphthalene	10.56	128	158	0.01	ng	14
10) Hexachlorobutadiene	10.87	225	1	0.00	ng	35
12) 2-Methylnaphthalene	12.19	142	162	0.02	ng	90
16) Acenaphthylene	14.10	152	80	0.00	ng	54
17) Acenaphthene	14.39	154	5	0.00	ng	1
18) Fluorene	15.42	166	31	0.00	ng	94
21) Hexachlorobenzene	16.38	284	7	Below Cal	#	100
22) Pentachlorophenol	16.79	266	10	Below Cal	#	79
23) Phenanthrene	17.16	178	150	Below Cal	#	82
24) Anthracene	17.16	178	138	Below Cal	#	95
26) Fluoranthene	19.16	202	413	0.01	ng	59
28) Pyrene	19.53	202	543	0.01	ng	84
30) Benzo(a)anthracene	21.25	228	78	0.00	ng	1
31) Chrysene	21.25	228	78	0.00	ng	1
32) Bis(2-ethylhexyl)phthalate	21.20	149	2159	0.30	ng	97
33) Indeno(1,2,3-cd)pyrene	26.22	276	270	0.00	ng	63
35) Benzo(b)fluoranthene	22.95	252	88	0.01	ng	1
36) Benzo(k)fluoranthene	22.95	252	88	0.01	ng	1
37) Benzo(a)pyrene	23.59	252	59	0.00	ng	1
38) Dibenzo(a,h)anthracene	26.25	278	45	0.00	ng	1
39) Benzo(g,h,i)perylene	27.00	276	280	0.00	ng	1

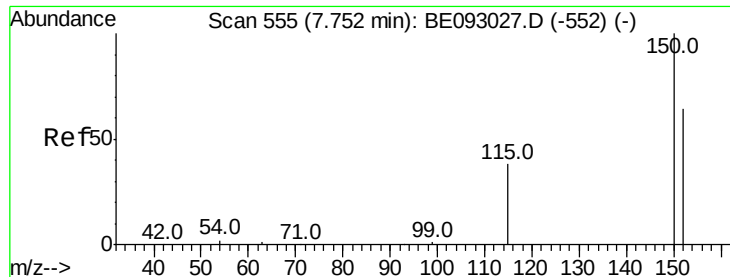
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

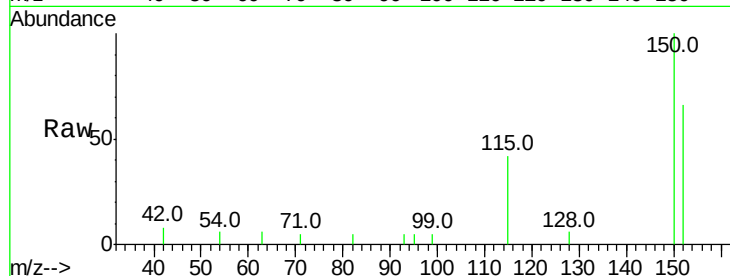
Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampled :



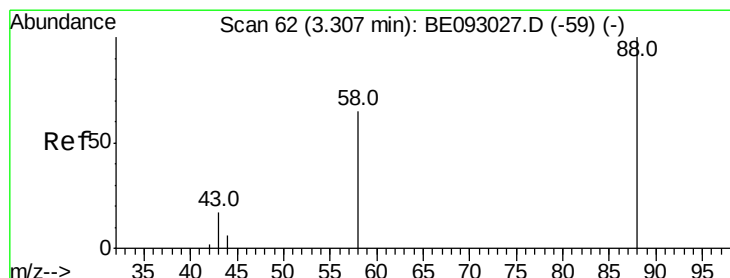
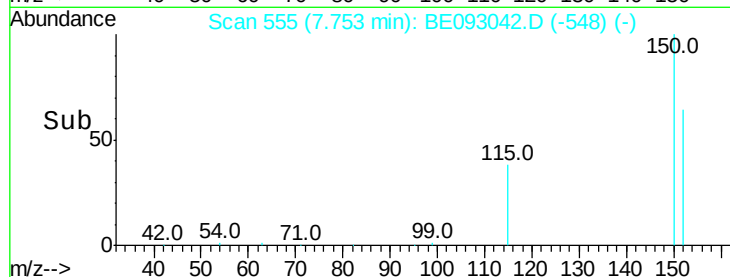
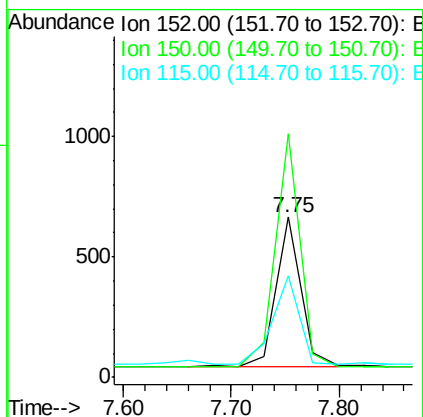
Tot Ion:152 Resp: 991

Ion Ratio Lower Upper

152 100

150 152.0 125.1 187.7

115 63.3 55.7 83.5



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.27 min Scan# 59

Delta R.T. -0.04 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

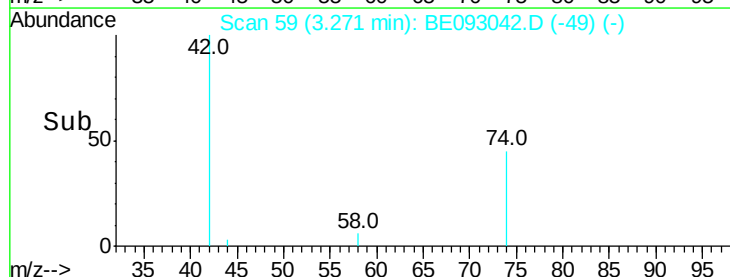
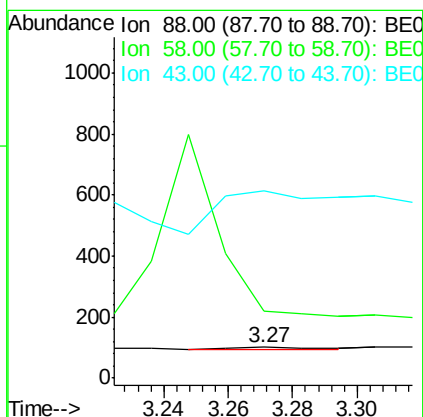
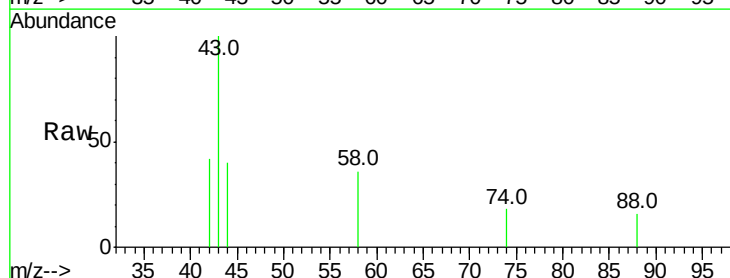
Tgt Ion: 88 Resp: 13

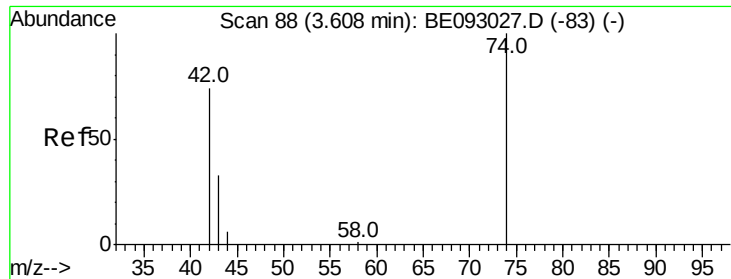
Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

43 7030.8 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.54 min Scan# 82

Delta R.T. -0.07 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampled :

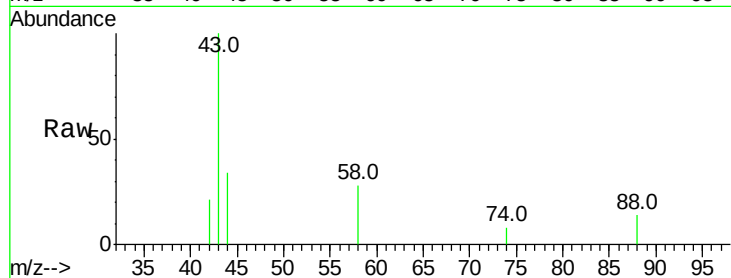
Tot Ion: 42 Resp: 51

Ion Ratio Lower Upper

42 100

74 5.9 99.1 148.7#

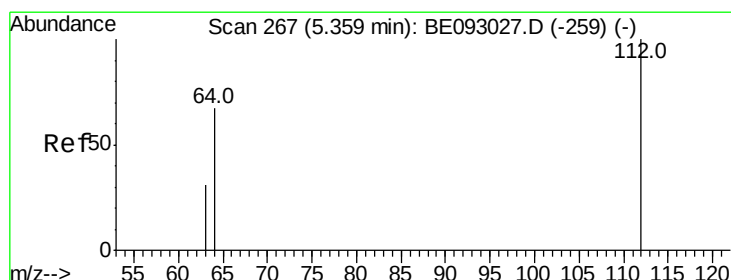
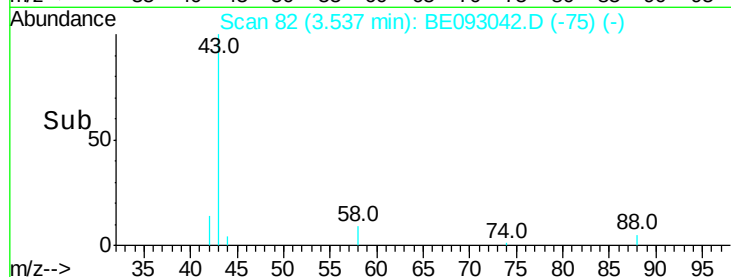
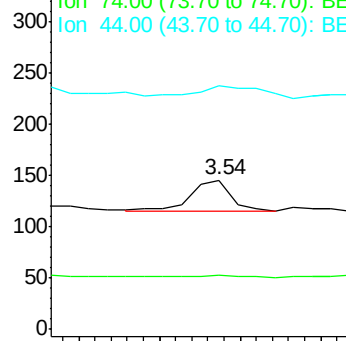
44 54.9 7.4 11.2#



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: 0.14 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

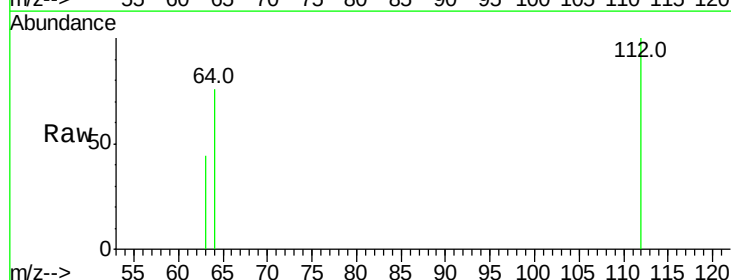
Tgt Ion: 112 Resp: 436

Ion Ratio Lower Upper

112 100

64 72.5 56.4 84.6

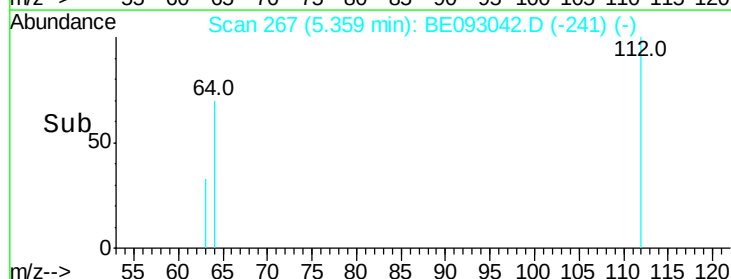
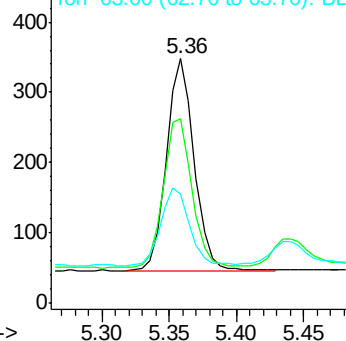
63 37.4 29.3 43.9

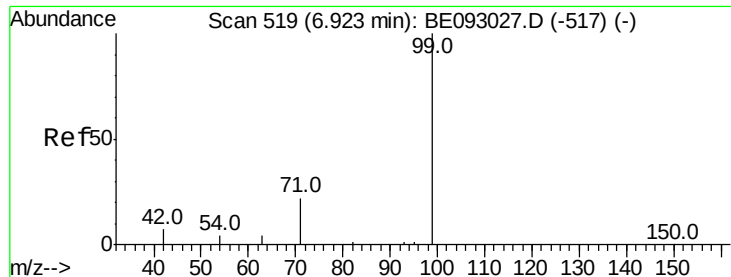


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

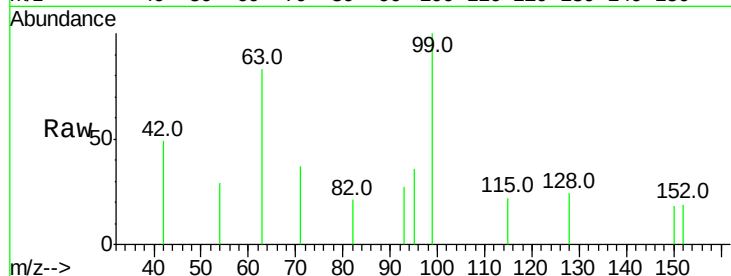
Tot Ion: 99 Resp: 408

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

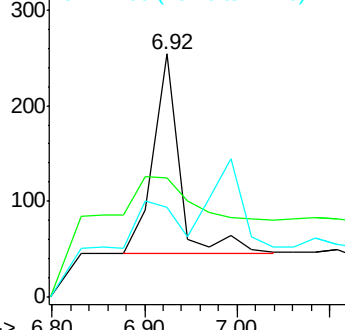
71 0.0 0.0 0.0



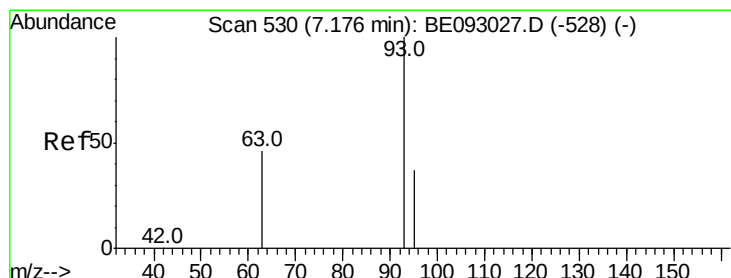
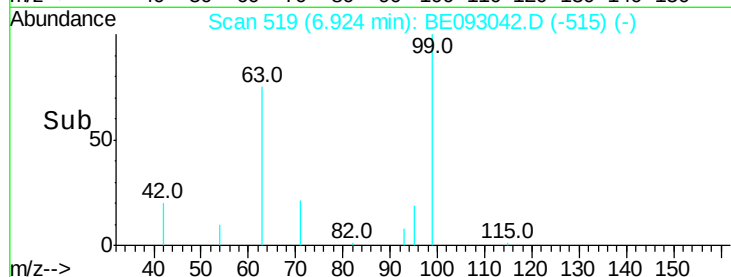
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.22 min Scan# 532

Delta R.T. 0.05 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

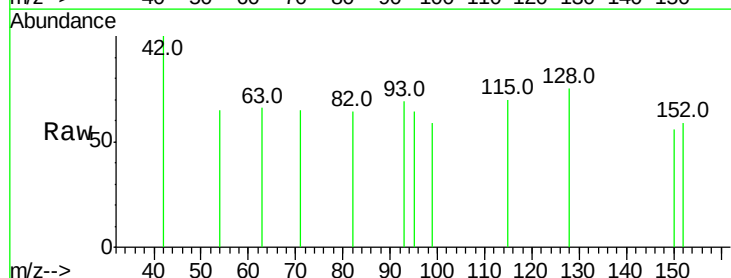
Tgt Ion: 93 Resp: 4

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

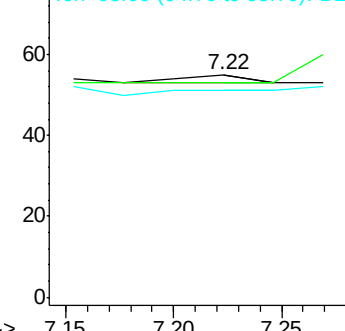
95 0.0 25.4 38.0#



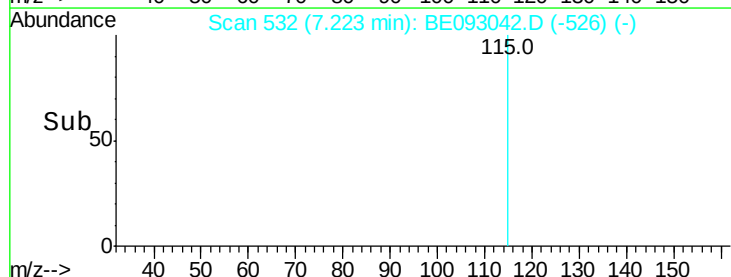
Abundance Ion 93.00 (92.70 to 93.70): BE0

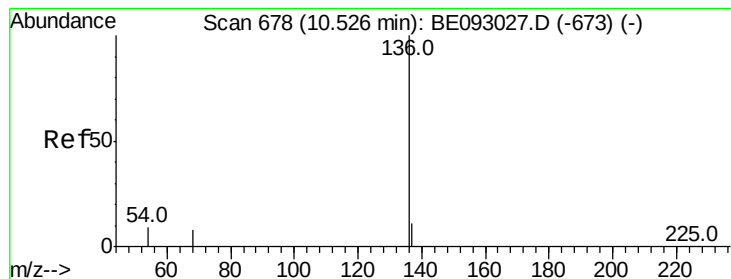
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.15 7.20 7.25





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093042.D

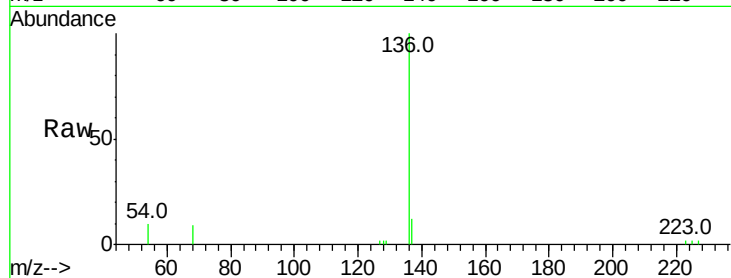
Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	4130
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	10.1	10.3	15.5#
68	9.1	9.0	13.4

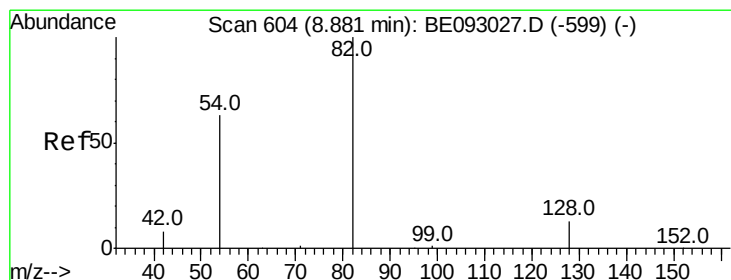
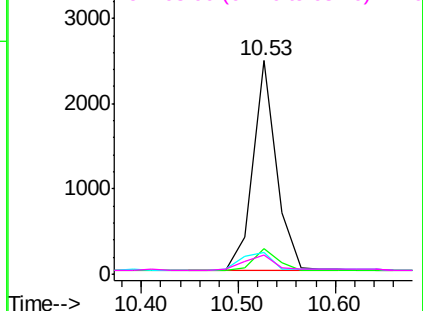
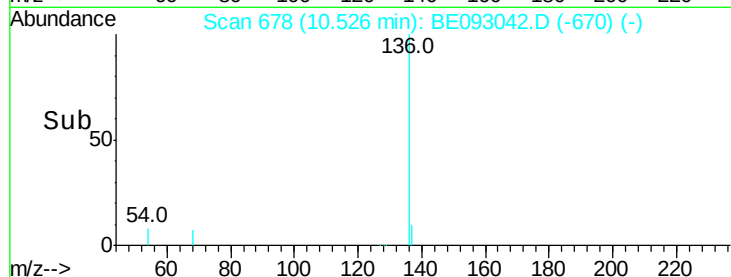


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

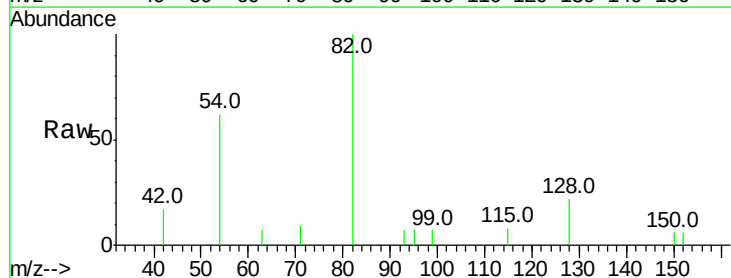
RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

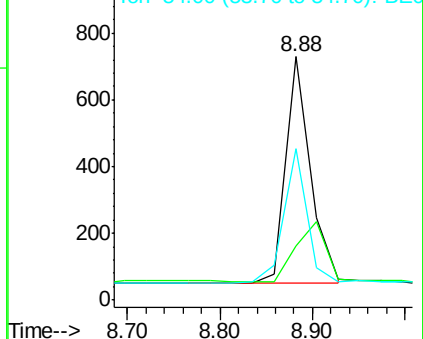
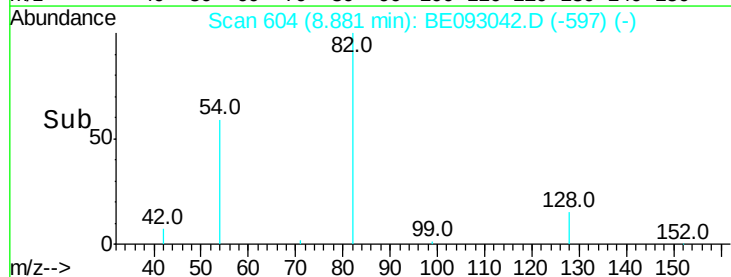
Tgt Ion:	82	Resp:	1269
Ion	Ratio	Lower	Upper
82	100		
128	22.1	17.0	25.4
54	62.1	53.8	80.6

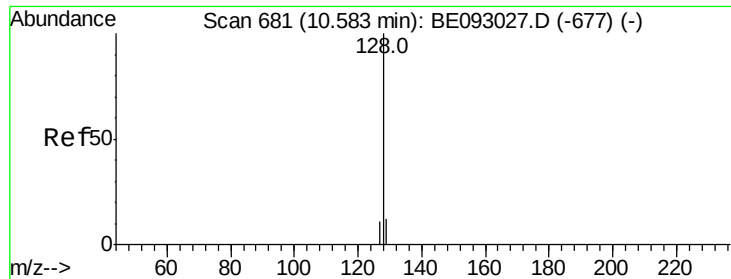


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.01 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

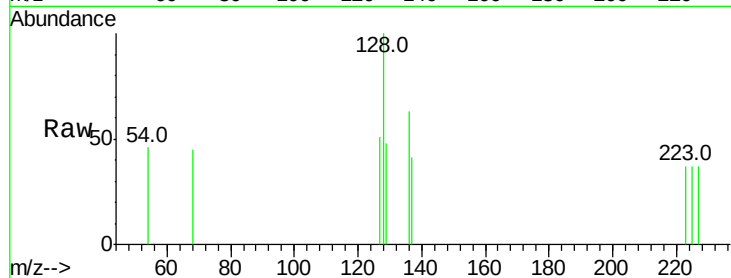
Tot Ion:128 Resp: 158

Ion Ratio Lower Upper

128 100

129 47.5 11.4 17.0#

127 50.8 11.2 16.8#



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

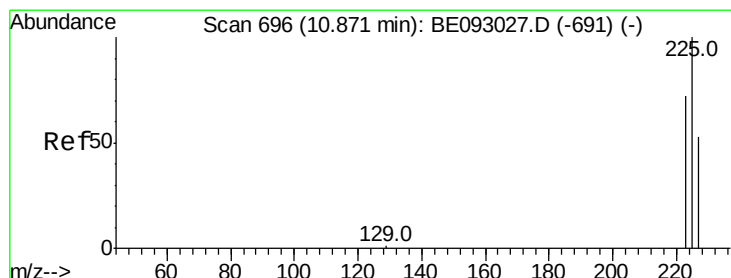
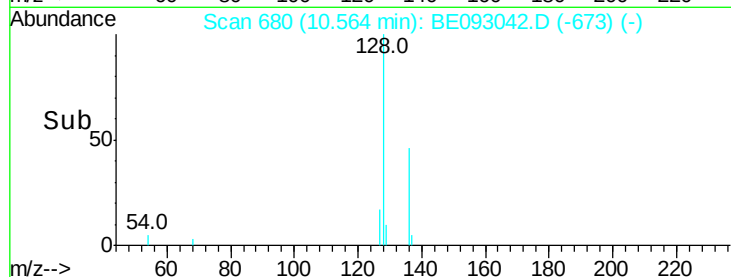
10.56

100

50

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

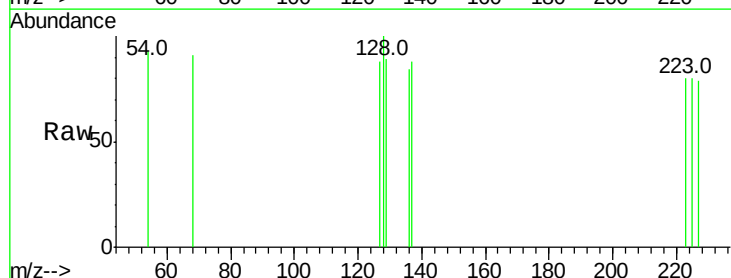
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 100.0 49.7 74.5#

227 0.0 50.3 75.5#



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

10.87

60

50

40

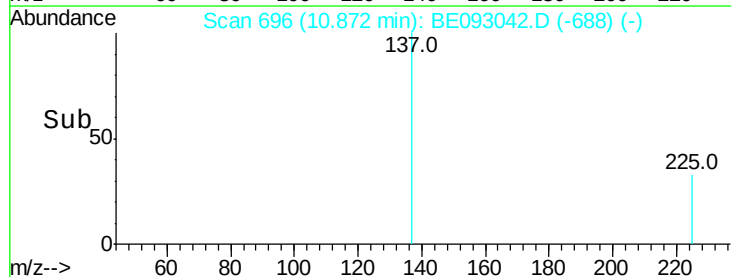
30

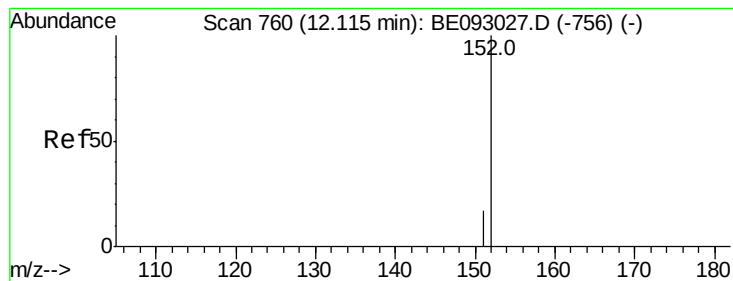
20

10

0

Time-->

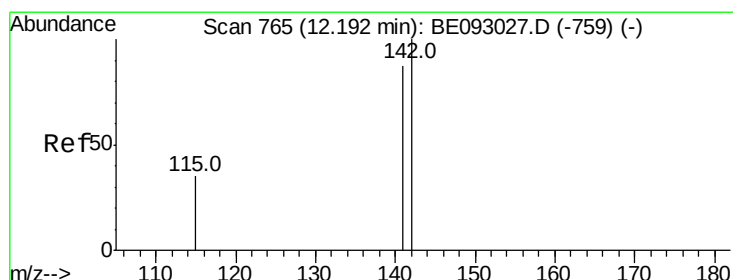
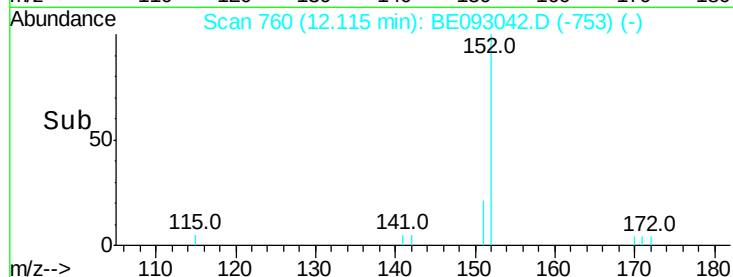
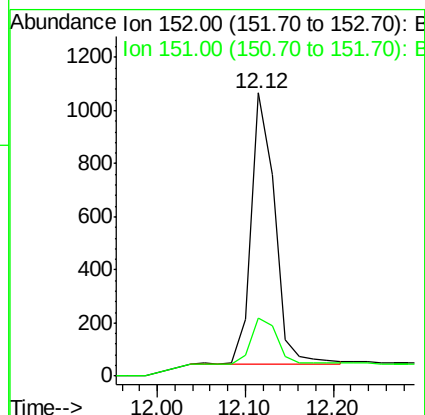
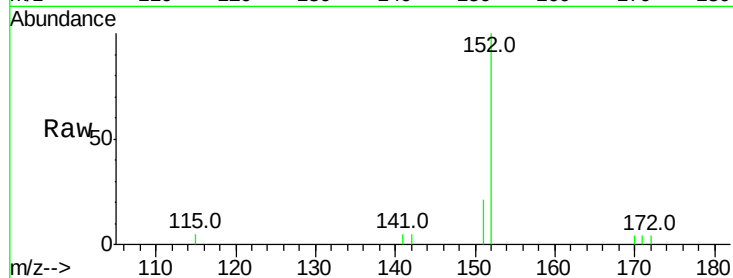




#11
 2-Methylnaphthalene-d10
 Concen: 0.31 ng
 RT: 12.12 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BE093042.D
 Acq: 15 May 2017 19:54

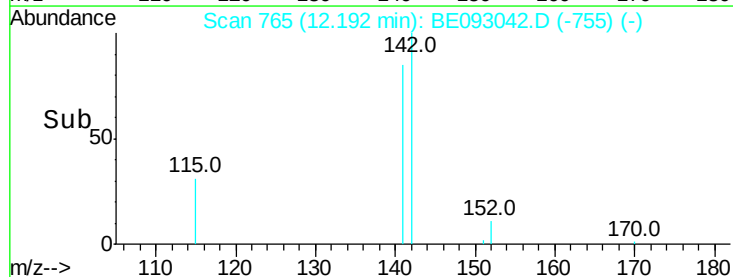
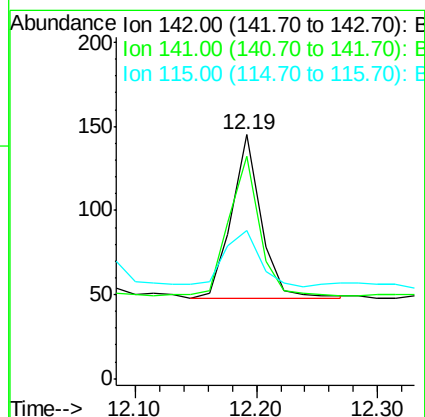
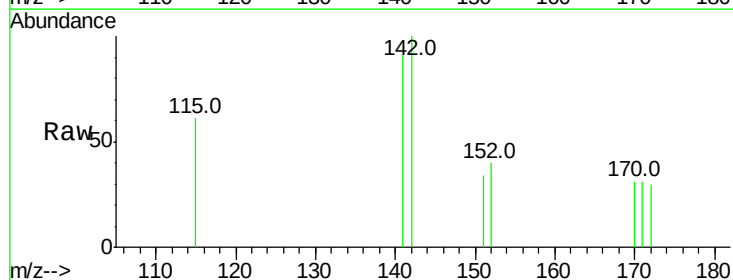
Instrument :
 BNA_E
 ClientSampleId :

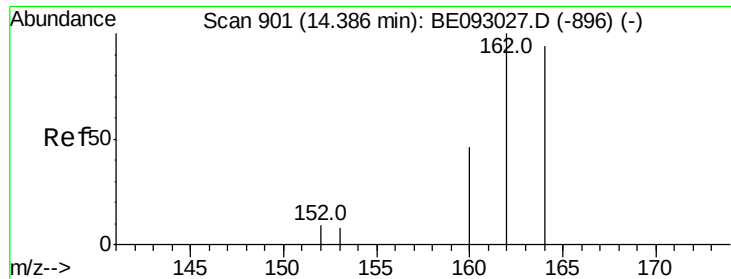
Tot Ion:152 Resp: 1896
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.02 ng
 RT: 12.19 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE093042.D
 Acq: 15 May 2017 19:54

Tgt Ion:142 Resp: 162
 Ion Ratio Lower Upper
 142 100
 141 91.0 72.6 108.8
 115 60.7 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

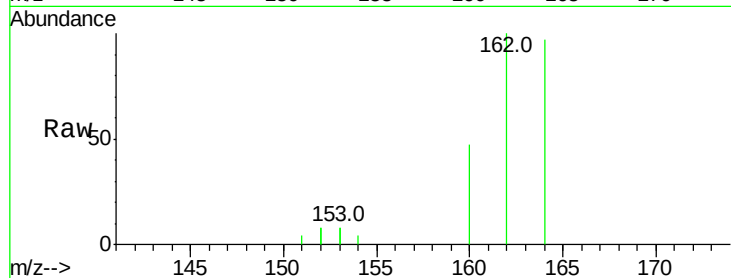
Tot Ion:164 Resp: 1922

Ion Ratio Lower Upper

164 100

162 102.9 84.6 127.0

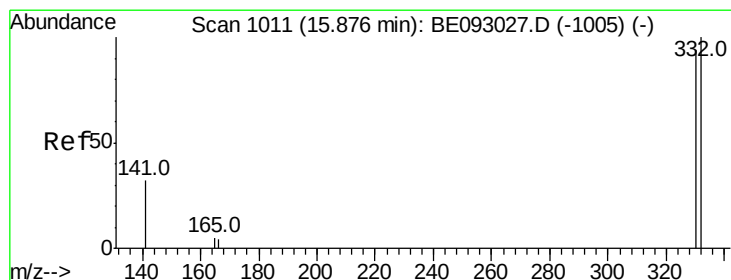
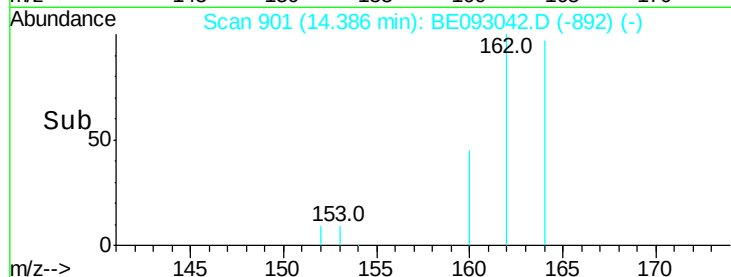
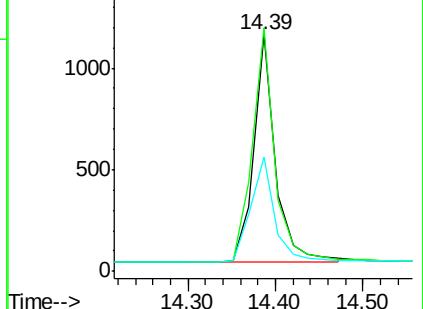
160 48.5 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.36 ng

RT: 15.86 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

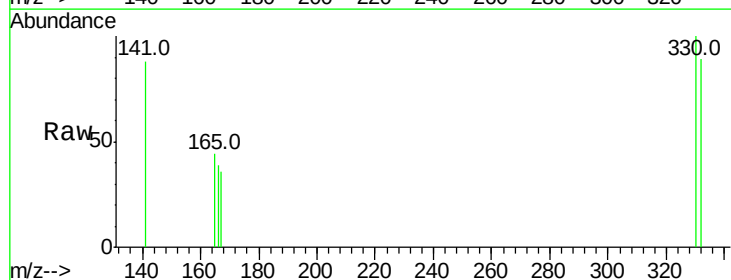
Tgt Ion:330 Resp: 204

Ion Ratio Lower Upper

330 100

332 94.6 77.7 116.5

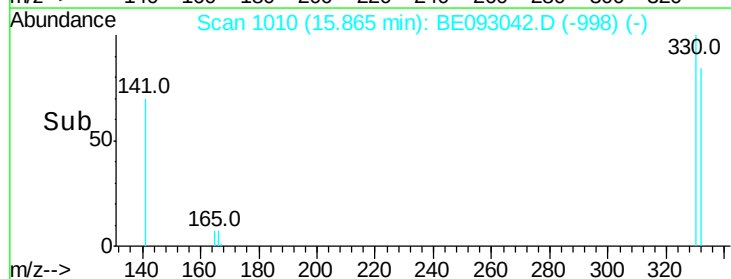
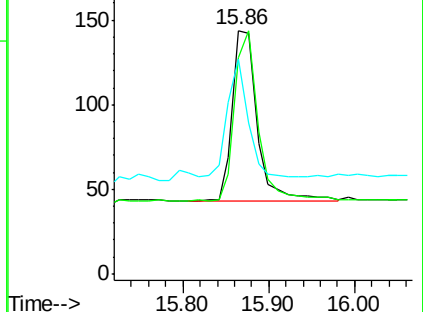
141 59.8 56.2 84.4

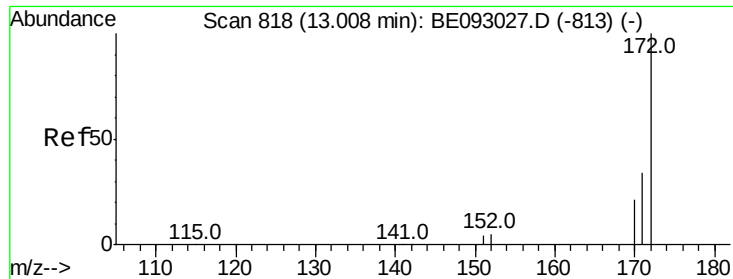


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

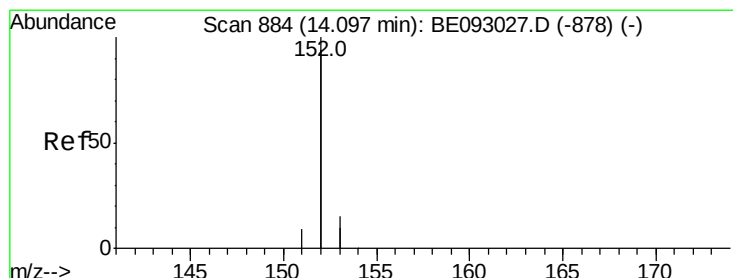
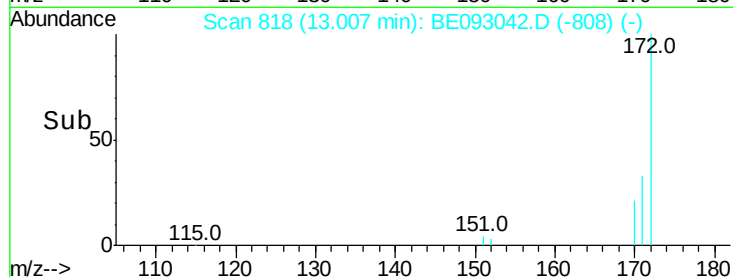
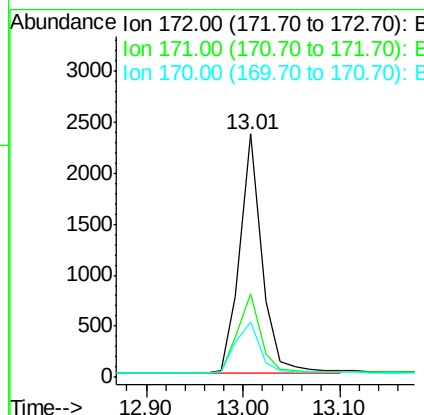
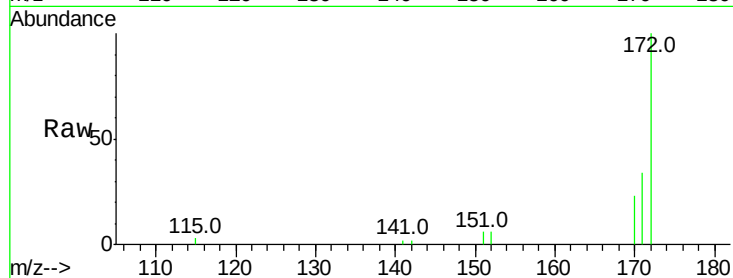




#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

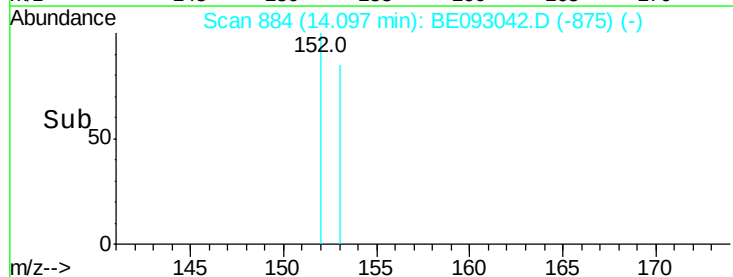
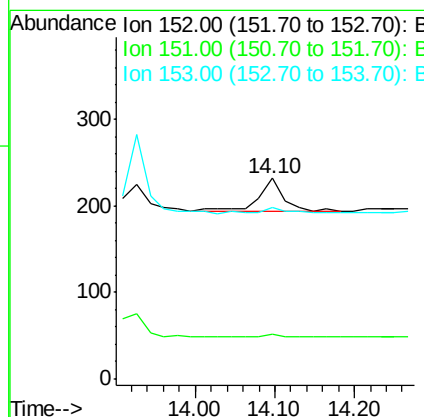
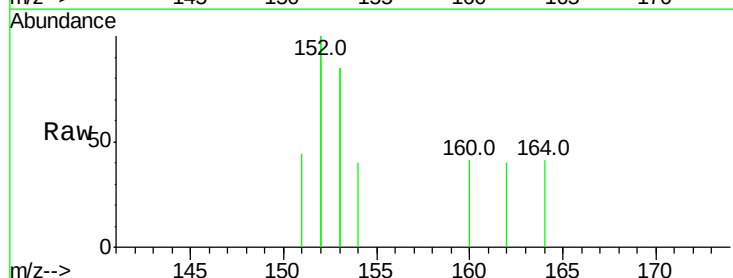
Instrument :
BNA_E
ClientSampleId :

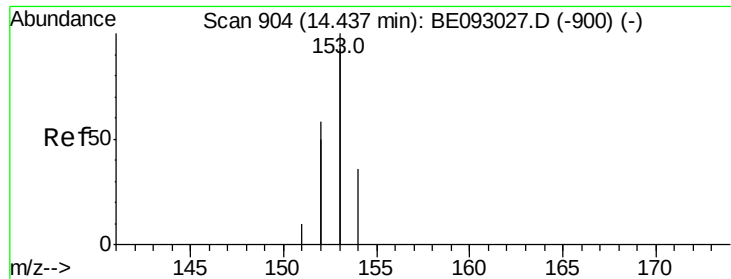
Tot Ion:172 Resp: 3747
Ion Ratio Lower Upper
172 100
171 34.4 29.8 44.6
170 22.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:152 Resp: 80
Ion Ratio Lower Upper
152 100
151 8.8 4.0 6.0#
153 36.3 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.05 min

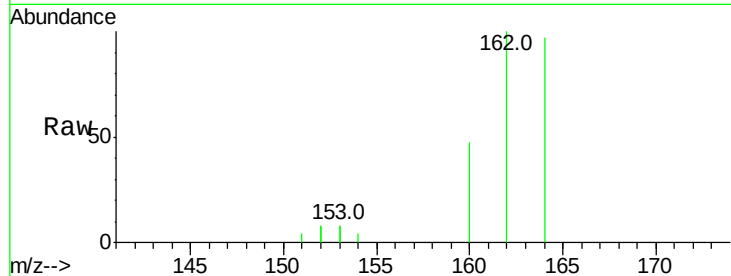
Lab File: BE093042.D

Acq: 15 May 2017 19:54

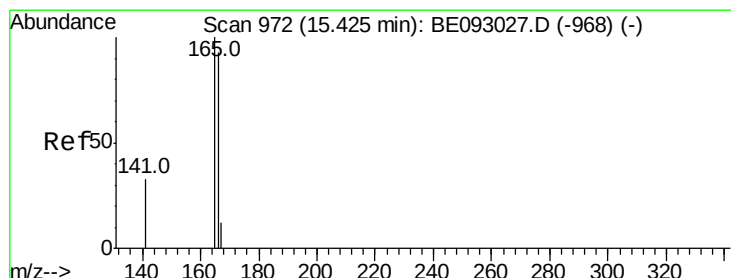
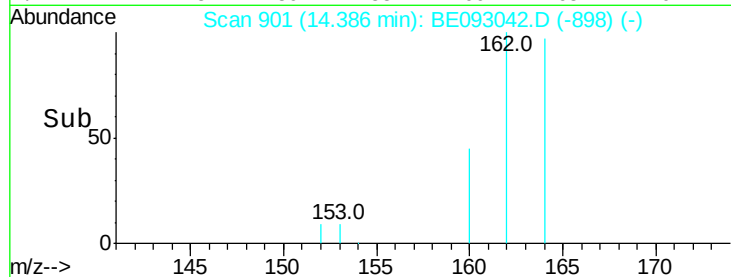
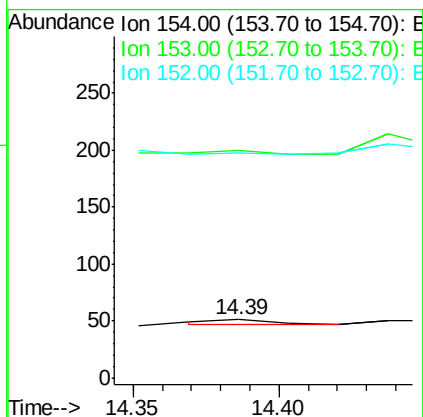
Instrument :

BNA_E

ClientSampled :



Tot Ion:	154	Resp:	5
Ion	Ratio	Lower	Upper
154	100		
153	0.0	367.8	551.6#
152	0.0	188.2	282.2#



#18

Fluorene

Concen: 0.00 ng

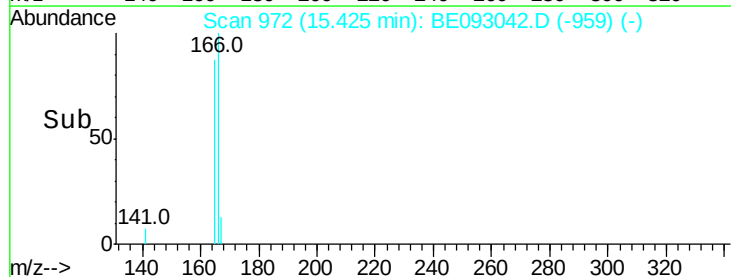
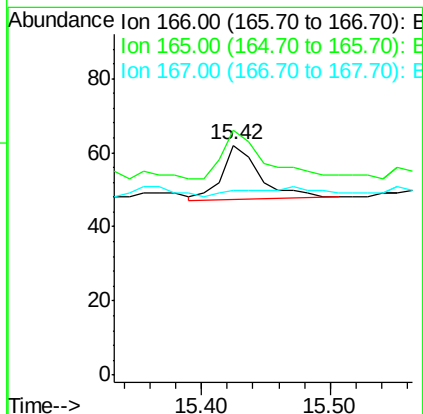
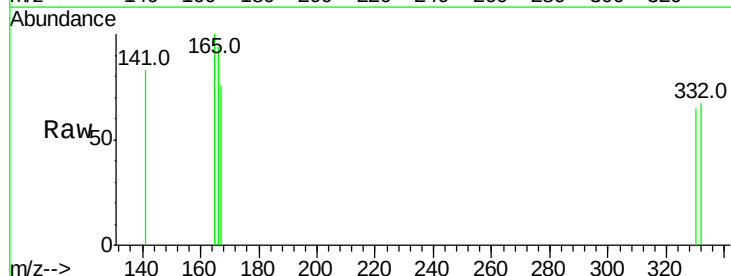
RT: 15.42 min Scan# 972

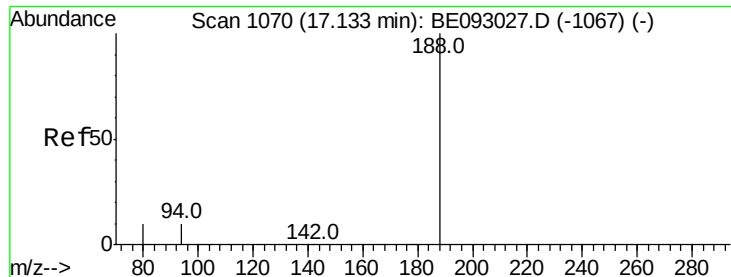
Delta R.T. -0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Tgt Ion:	166	Resp:	31
Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	117.8
167	0.0	11.1	16.7#

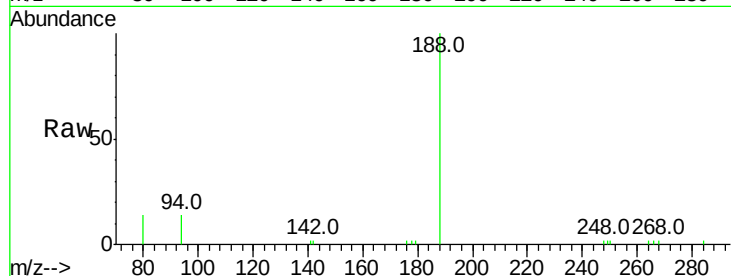




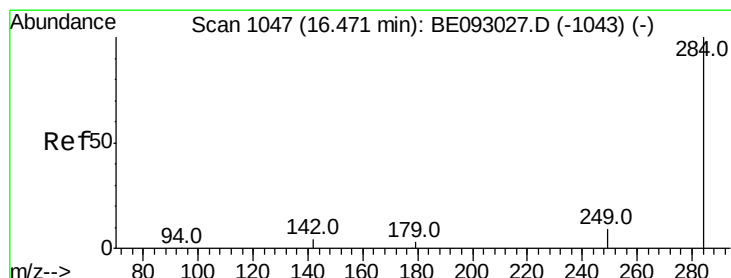
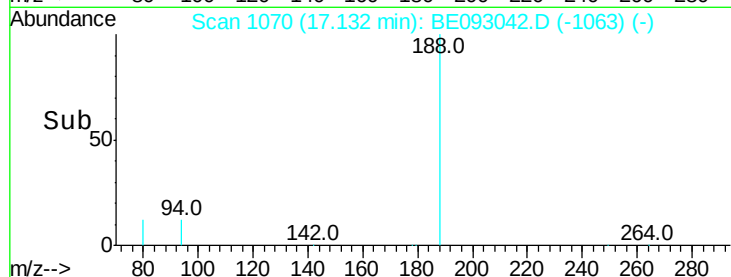
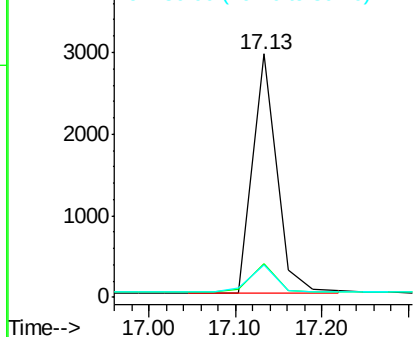
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 5696
Ion Ratio Lower Upper
188 100
94 13.7 11.3 16.9
80 13.6 11.7 17.5

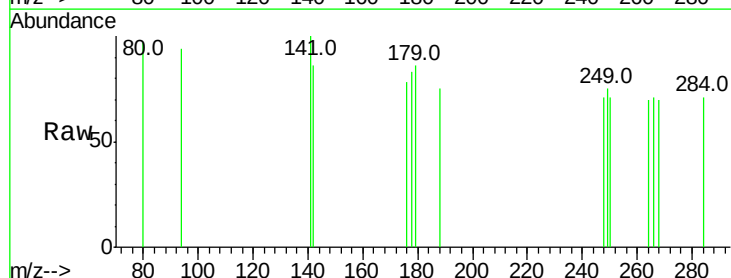


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

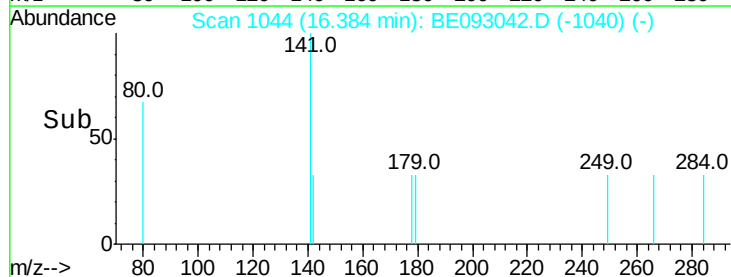
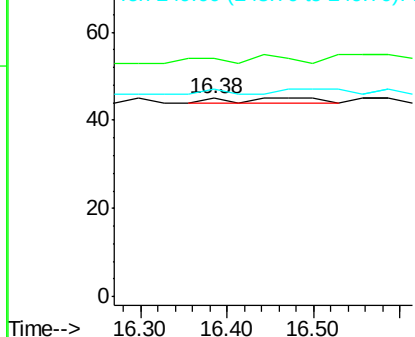


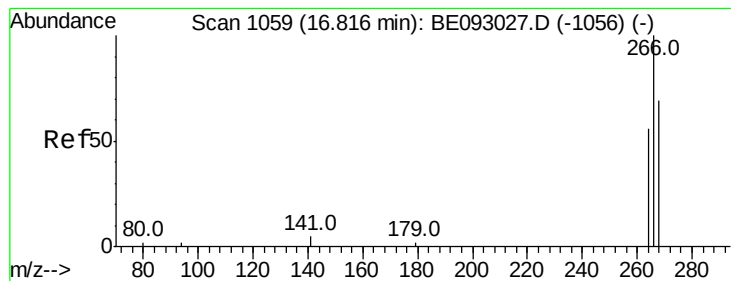
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.38 min Scan# 1044
Delta R.T. -0.09 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:284 Resp: 7
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 28.6 0.0 0.0#



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





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.79 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

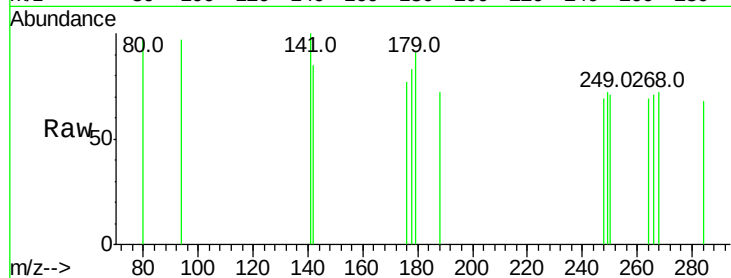
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 97.8 58.2 87.2#

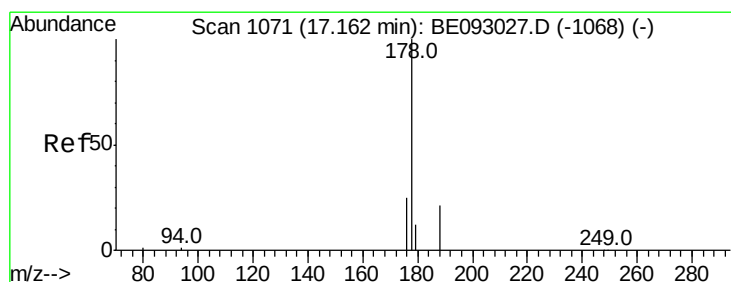
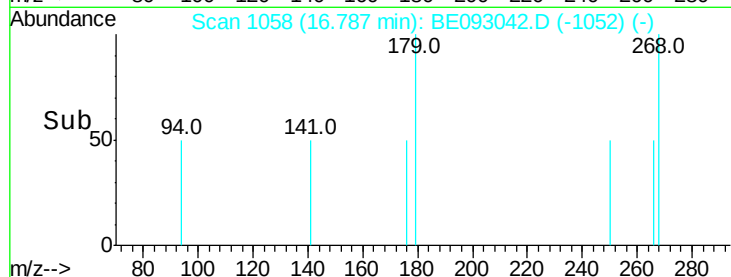
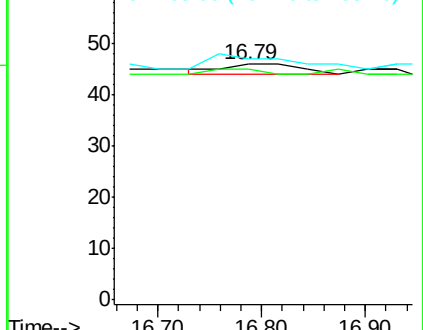
268 102.2 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

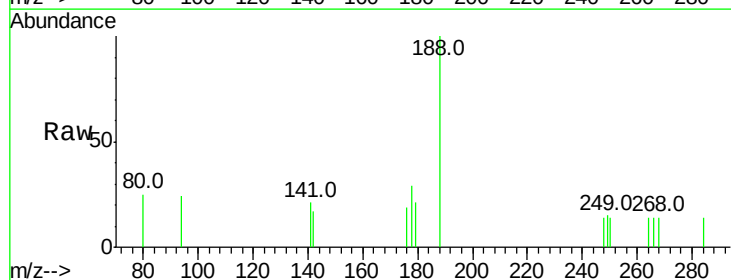
Tgt Ion:178 Resp: 150

Ion Ratio Lower Upper

178 100

176 17.3 15.0 22.4

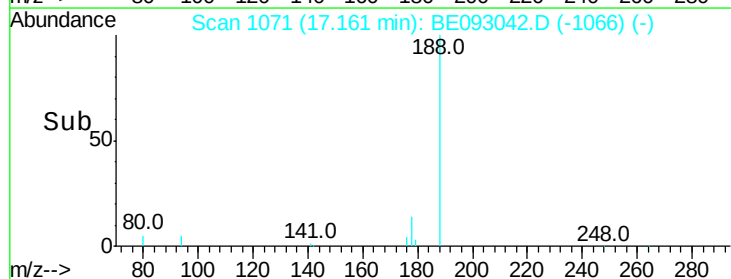
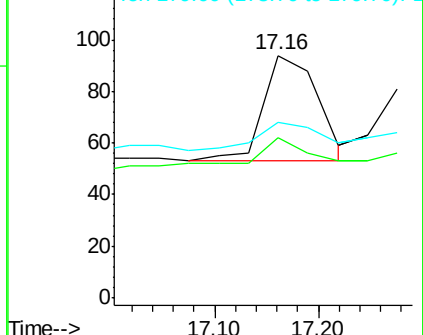
179 31.3 12.7 19.1#

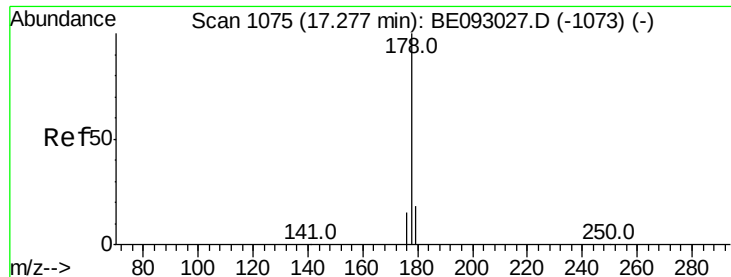


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: Below Cal

RT: 17.16 min Scan# 1071

Delta R.T. -0.11 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampled :

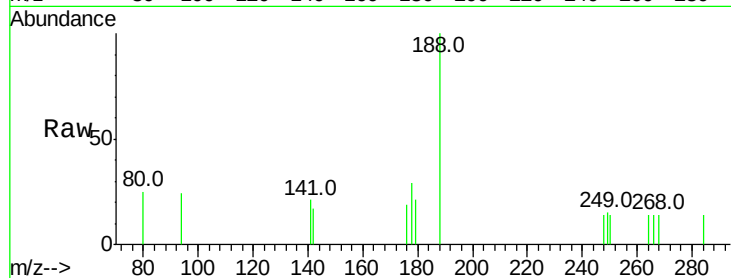
Tot Ion:178 Resp: 138

Ion Ratio Lower Upper

178 100

176 20.3 14.6 22.0

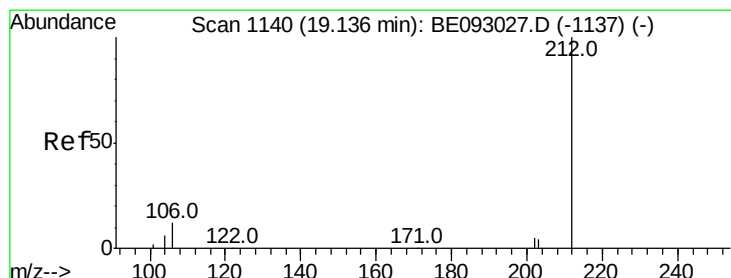
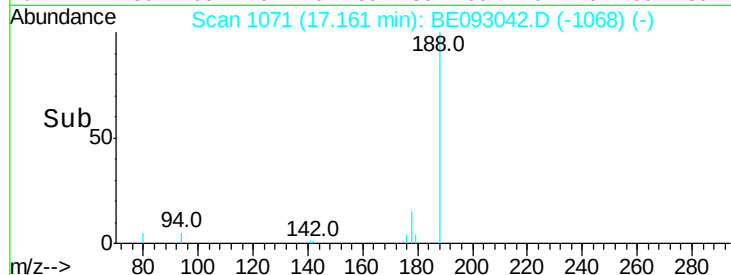
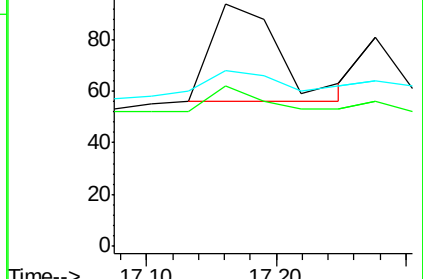
179 17.4 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.36 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

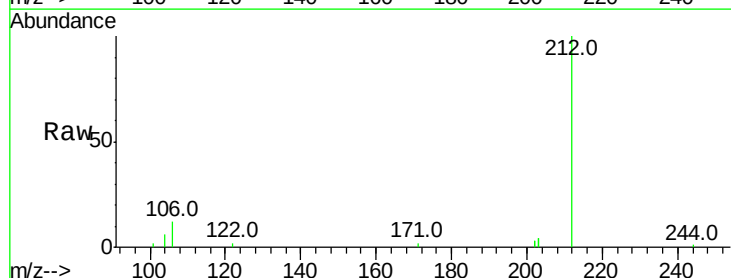
Tgt Ion:212 Resp: 5409

Ion Ratio Lower Upper

212 100

106 15.4 0.0 0.0#

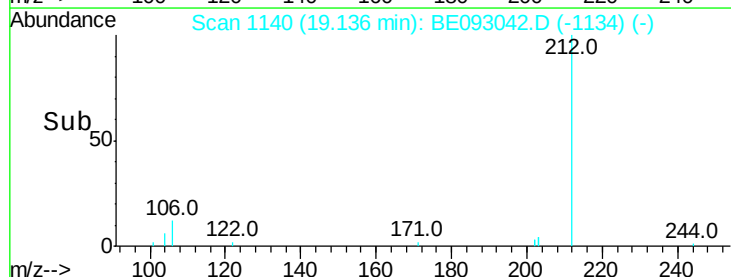
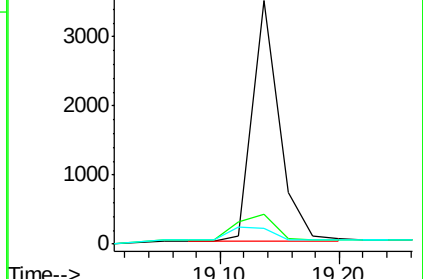
104 0.0 0.0 0.0

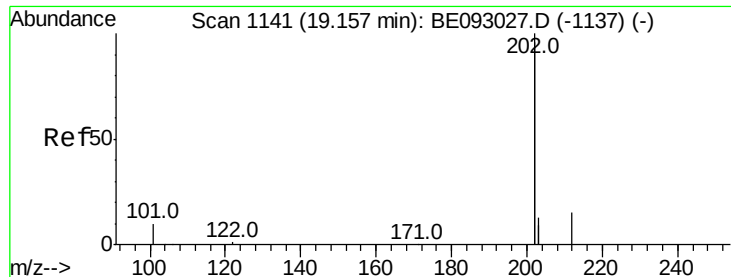


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

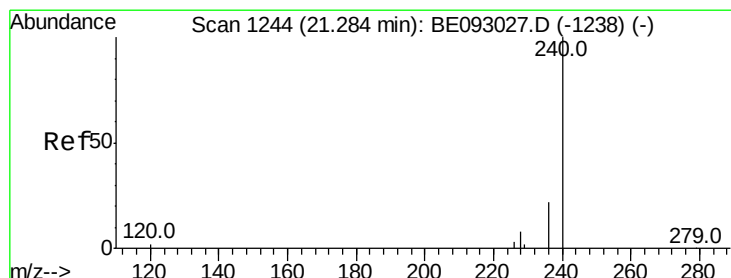
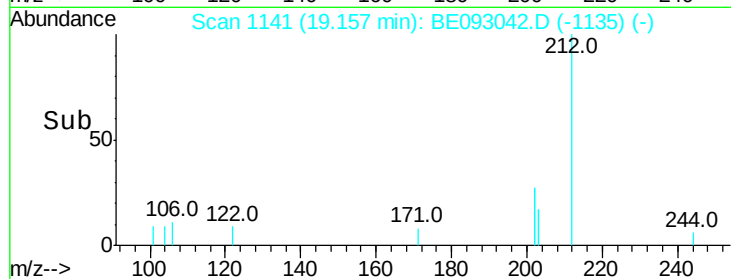
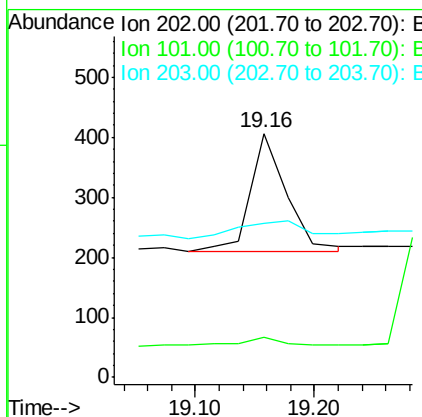
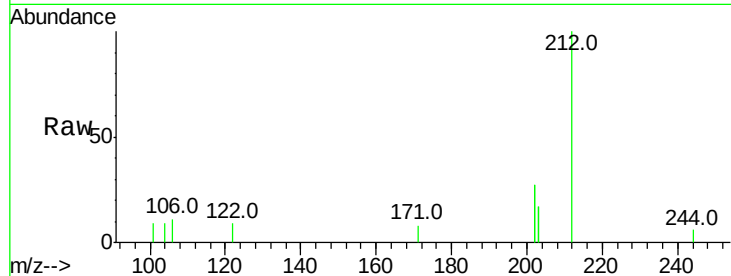




#26
Fluoranthene
Concen: 0.01 ng
RT: 19.16 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

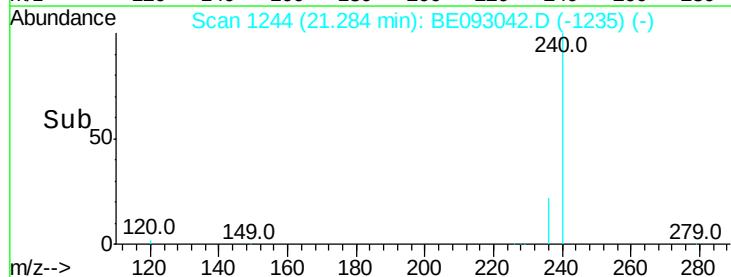
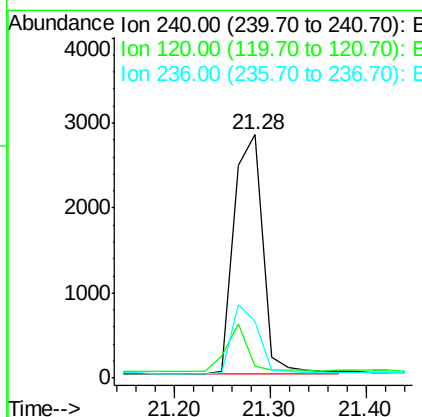
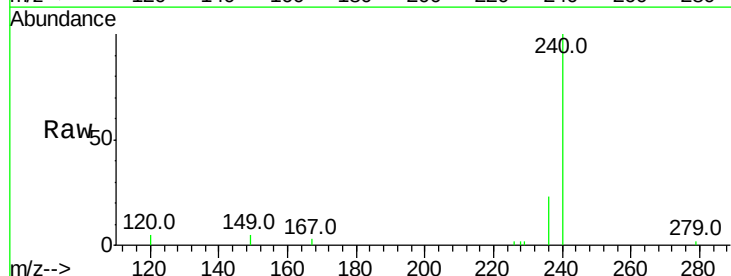
Instrument :
BNA_E
ClientSampled :

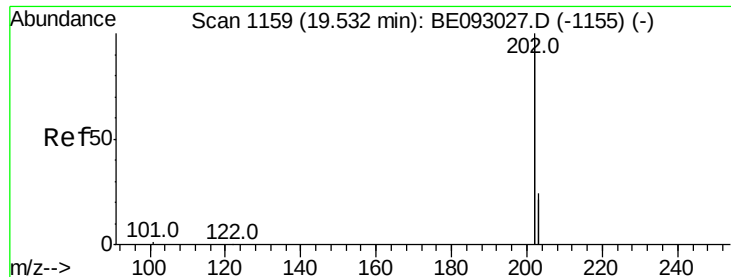
Tot Ion:202 Resp: 413
Ion Ratio Lower Upper
202 100
101 0.0 0.0 0.0
203 0.0 14.4 21.6#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:240 Resp: 5846
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 23.2 20.8 31.2

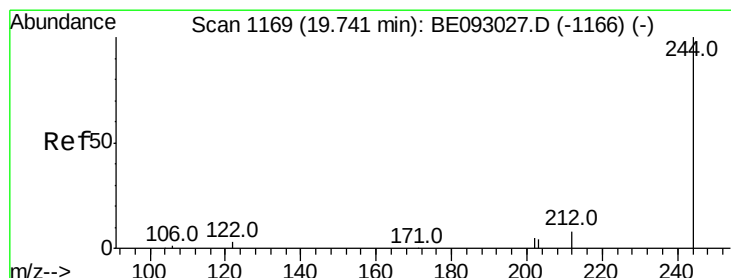
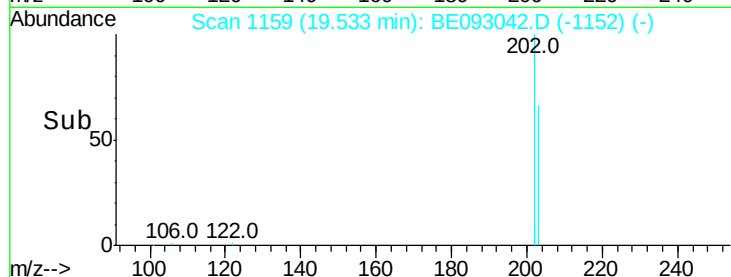
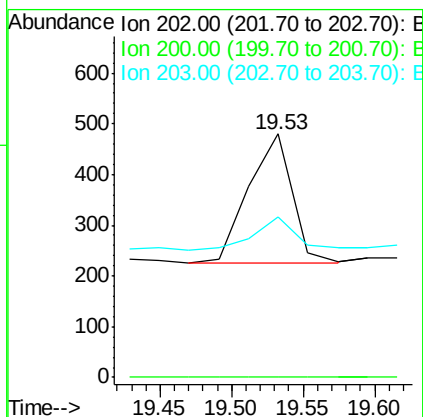
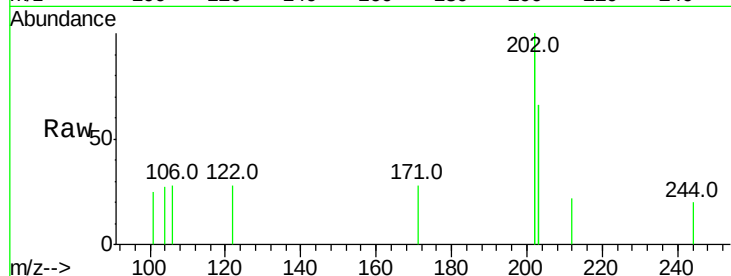




#28
Pvrene
Concen: 0.01 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

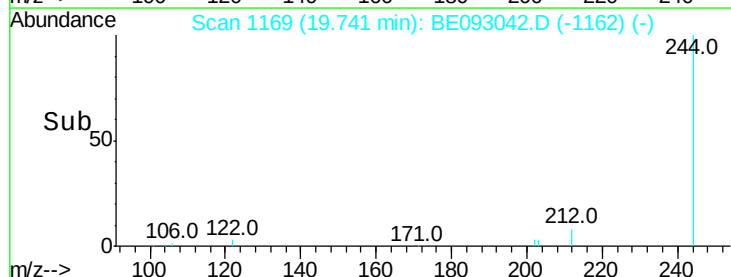
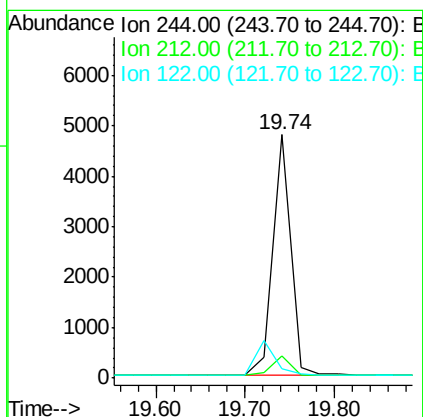
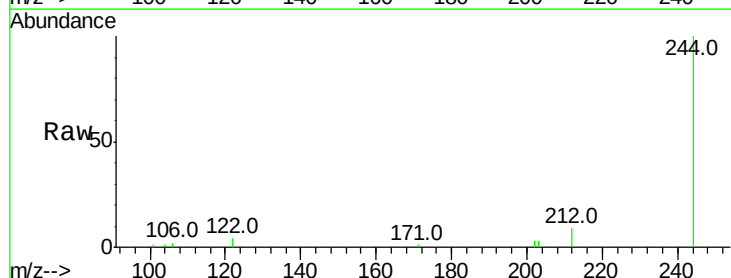
Instrument :
BNA_E
ClientSampleId :

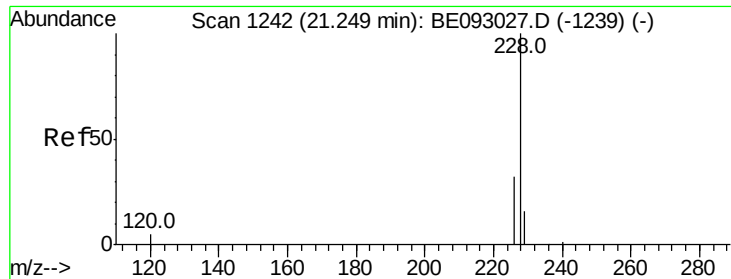
Tot Ion:202 Resp: 543
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 23.9 13.7 20.5#



#29
Terphenyl-d14
Concen: 0.62 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:244 Resp: 6754
Ion Ratio Lower Upper
244 100
212 8.9 10.6 16.0#
122 4.1 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.00 ng

RT: 21.25 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

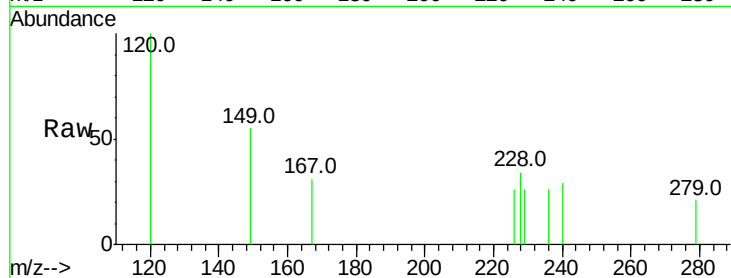
Tot Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

226 75.6 19.7 29.5#

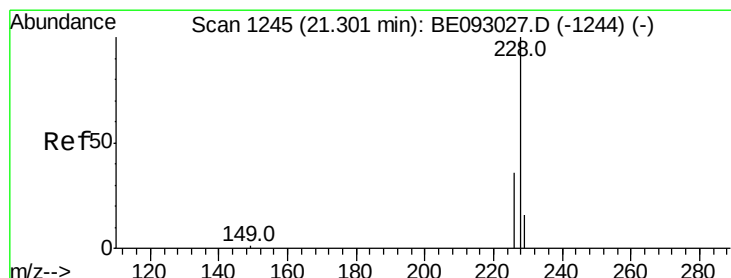
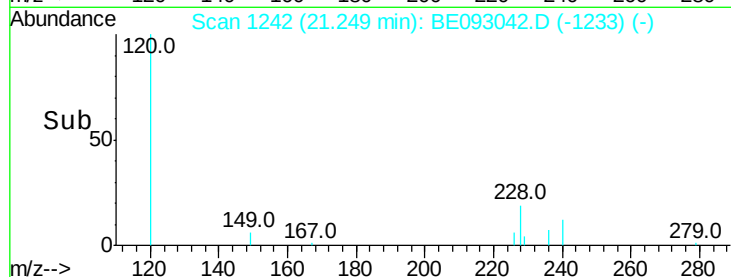
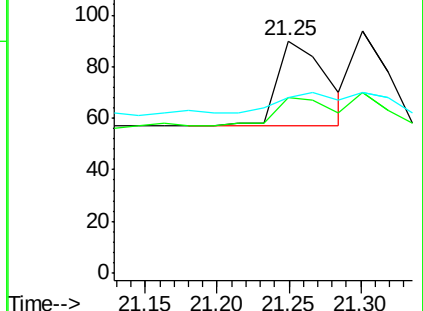
229 75.6 19.2 28.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.00 ng

RT: 21.25 min Scan# 1242

Delta R.T. -0.05 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

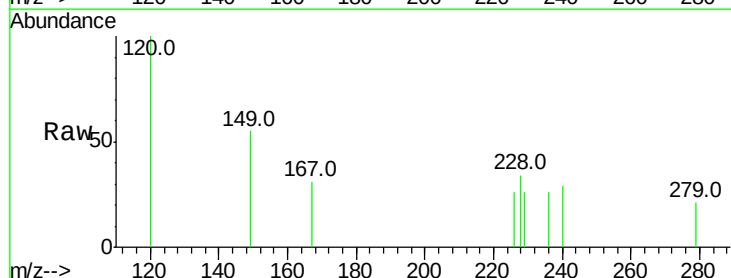
Tgt Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

226 75.6 21.5 32.3#

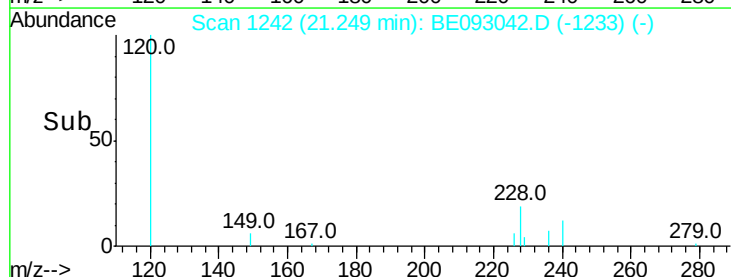
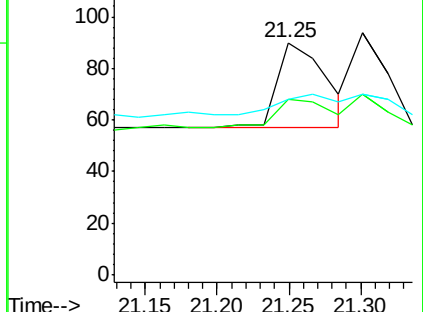
229 75.6 18.6 28.0#

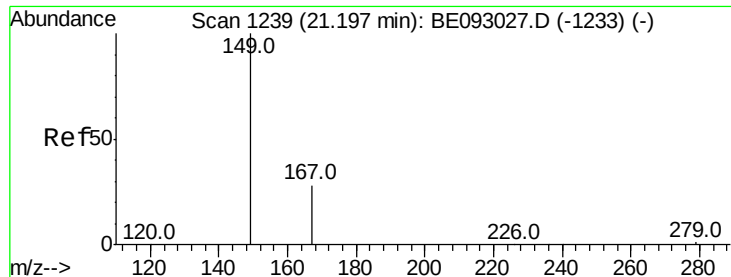


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

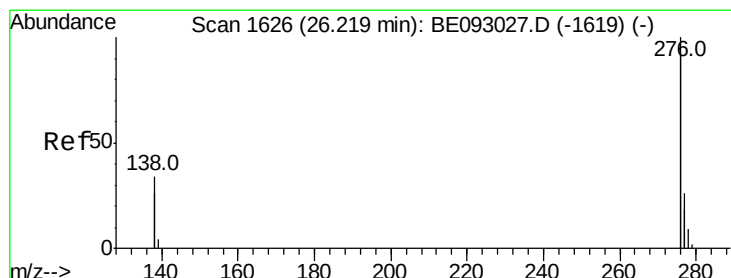
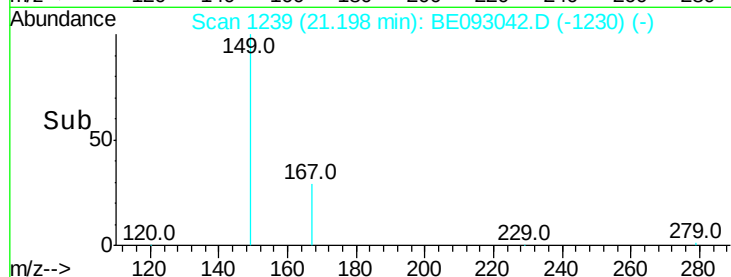
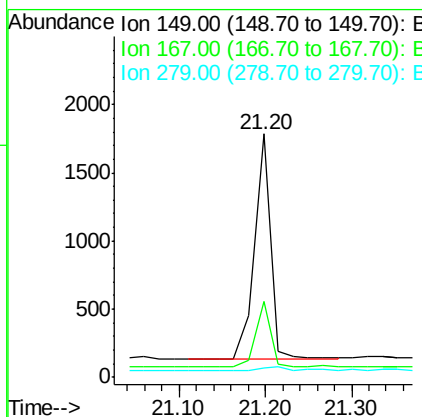
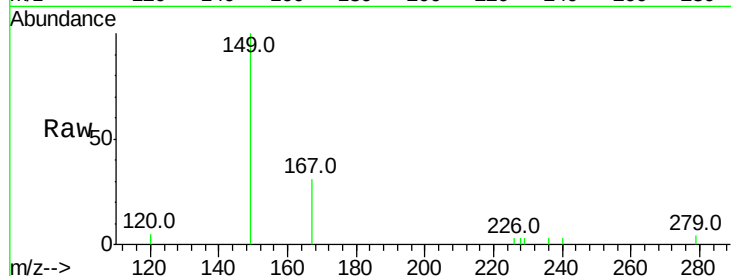




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.20 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BE093042.D
 Acq: 15 May 2017 19:54

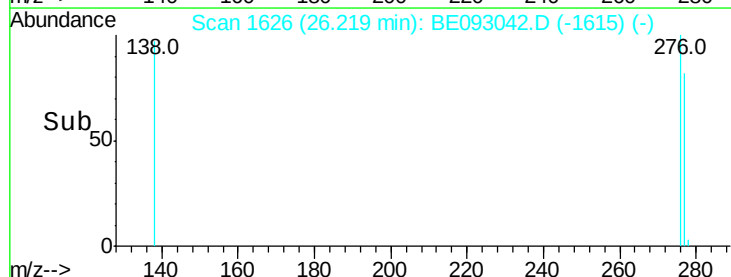
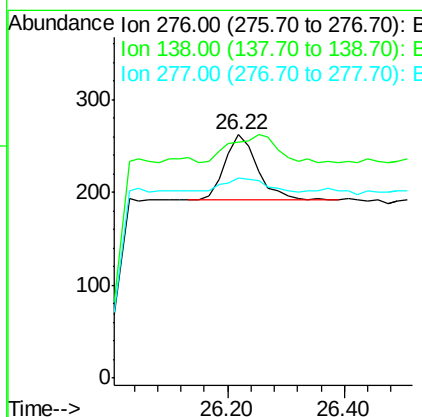
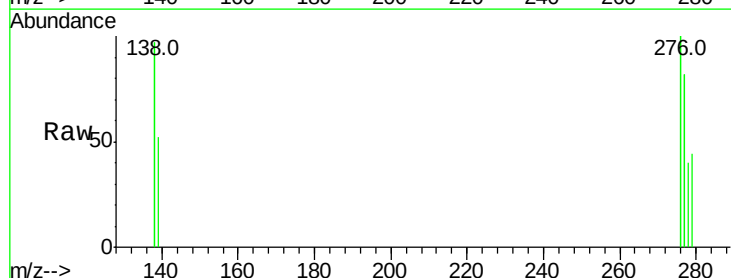
Instrument :
 BNA_E
 ClientSampleId :

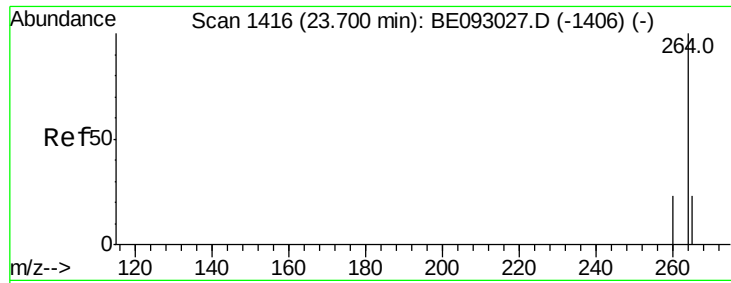
Tot Ion:149 Resp: 2159
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.1 30.1
 279 2.5 2.2 3.4



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 26.22 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE093042.D
 Acq: 15 May 2017 19:54

Tgt Ion:276 Resp: 270
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.4 41.2#
 277 28.1 20.1 30.1

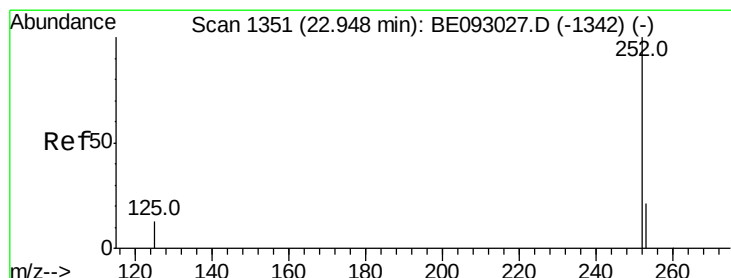
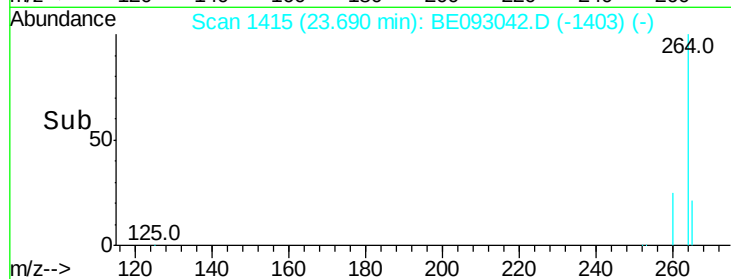
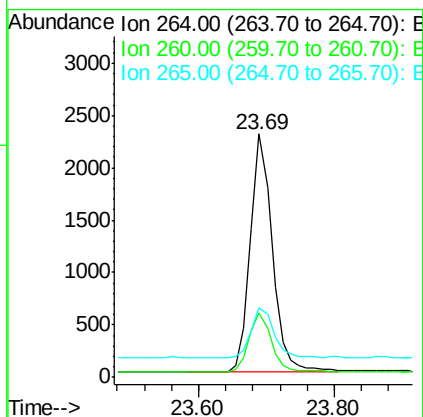
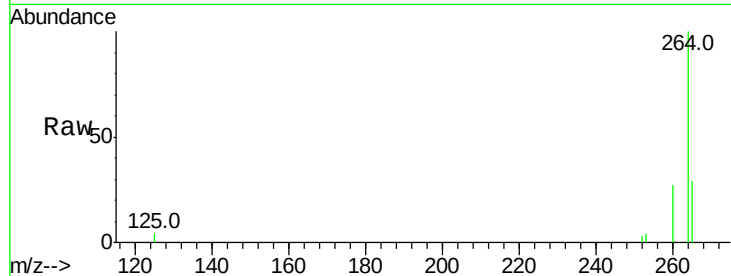




#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

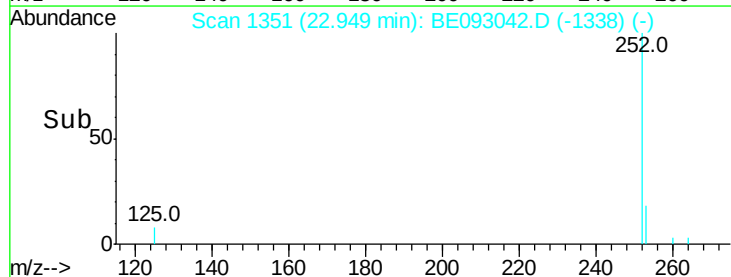
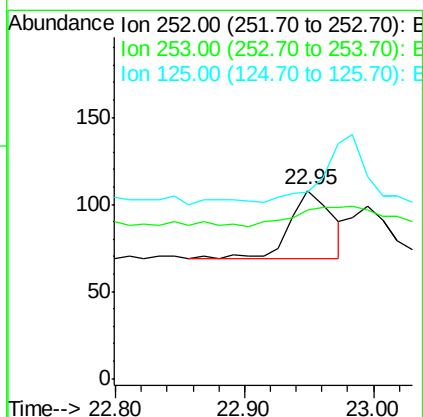
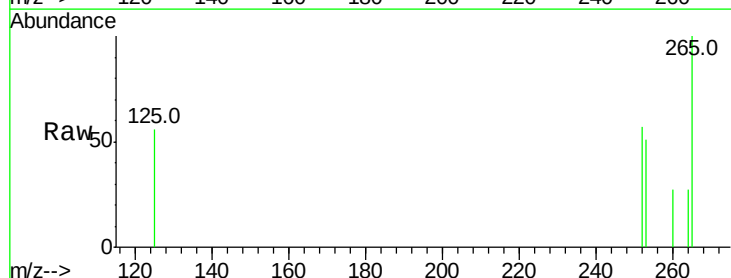
Instrument :
BNA_E
ClientSampleId :

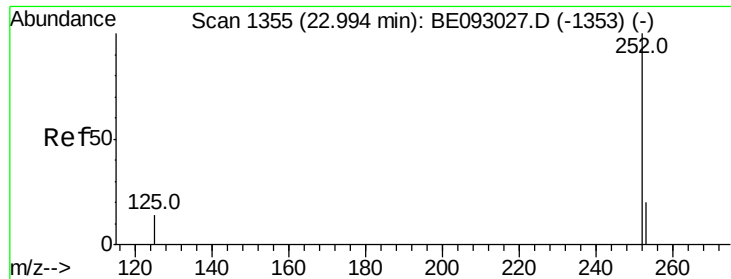
Tot Ion:264 Resp: 5073
Ion Ratio Lower Upper
264 100
260 26.6 21.0 31.4
265 28.7 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.95 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:252 Resp: 88
Ion Ratio Lower Upper
252 100
253 89.8 18.5 27.7#
125 99.1 13.4 20.0#

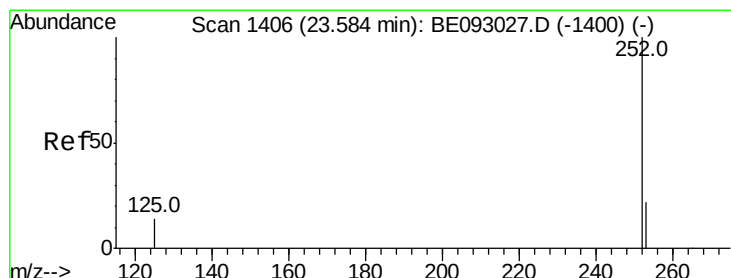
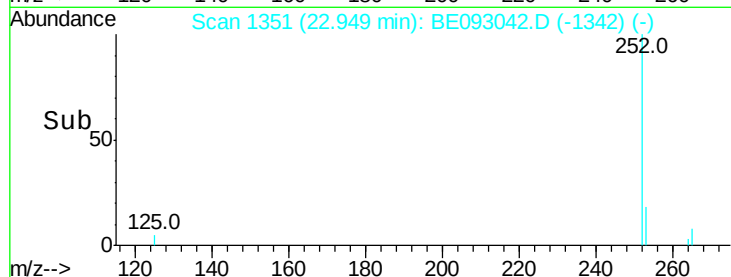
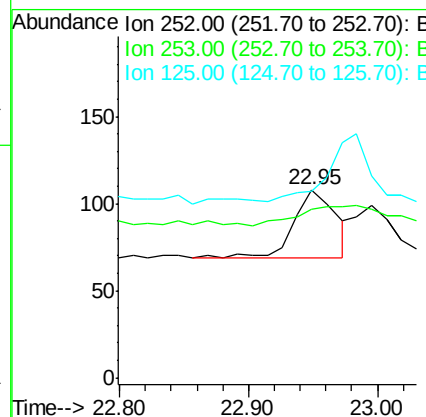
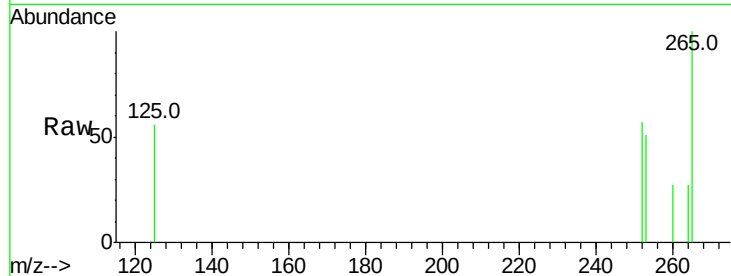




#36
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.04 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

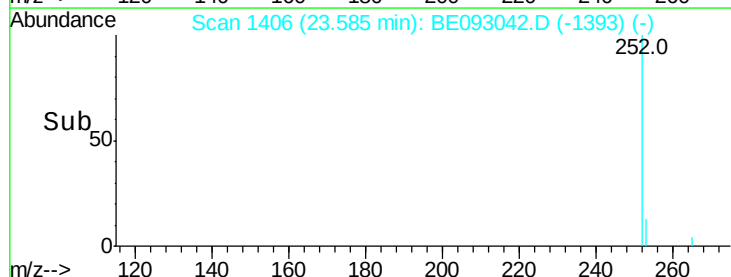
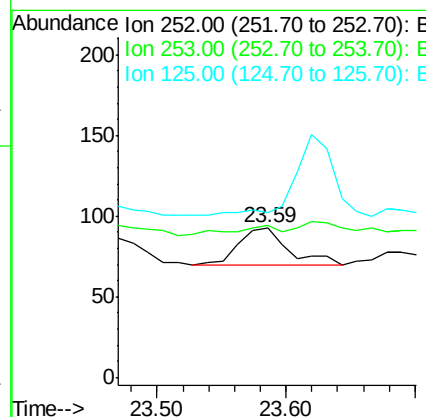
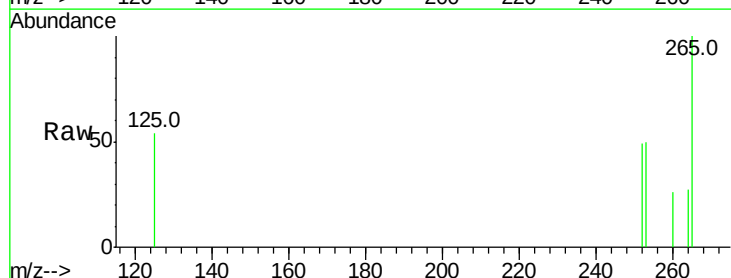
Instrument :
BNA_E
ClientSampleId :

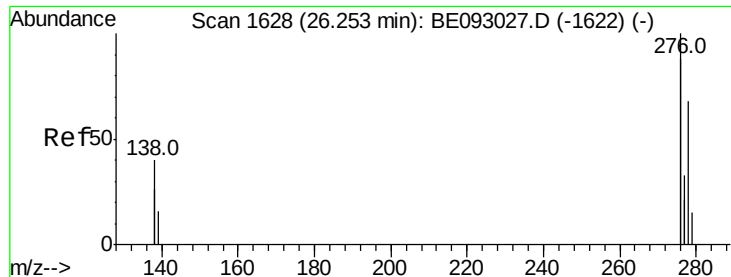
Tot Ion:252 Resp: 88
Ion Ratio Lower Upper
252 100
253 89.8 20.3 30.5#
125 99.1 12.2 18.4#



#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.59 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE093042.D
Acq: 15 May 2017 19:54

Tgt Ion:252 Resp: 59
Ion Ratio Lower Upper
252 100
253 101.1 19.9 29.9#
125 109.7 14.6 21.8#





#38

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.25 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Instrument :

BNA_E

ClientSampleId :

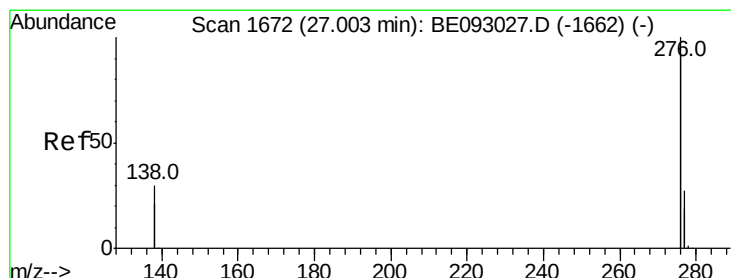
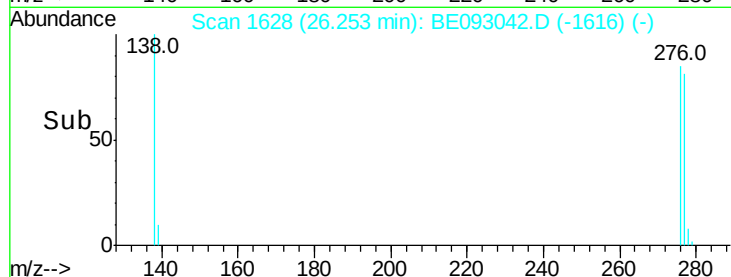
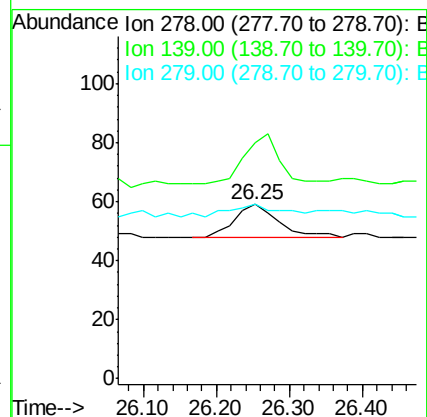
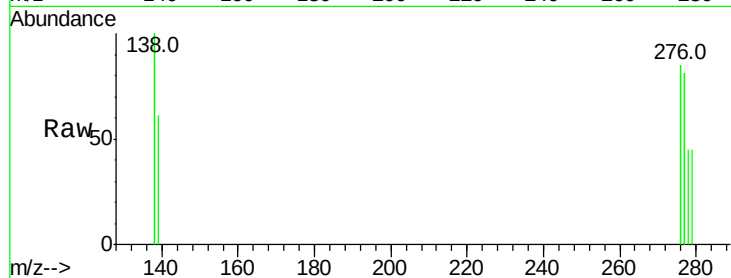
Tot Ion:278 Resp: 45

Ion Ratio Lower Upper

278 100

139 135.6 21.4 32.0#

279 100.0 22.2 33.2#



#39

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 27.00 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE093042.D

Acq: 15 May 2017 19:54

Tgt Ion:276 Resp: 280

Ion Ratio Lower Upper

276 100

277 83.1 21.2 31.8#

138 96.2 24.5 36.7#

