

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093038.D
 Acq On : 15 May 2017 17:27
 Operator : SJ/MA
 Sample : I3079-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:12:21 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	1031	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4267	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2105	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6304	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6141	0.40	ng	0.00
34) Perylene-d12	23.69	264	5202	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	457	0.14	ng	0.00
5) Phenol-d6	6.92	99	376	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	1148	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1891	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	279	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4102	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	5471	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	6090	0.53	ng	0.00

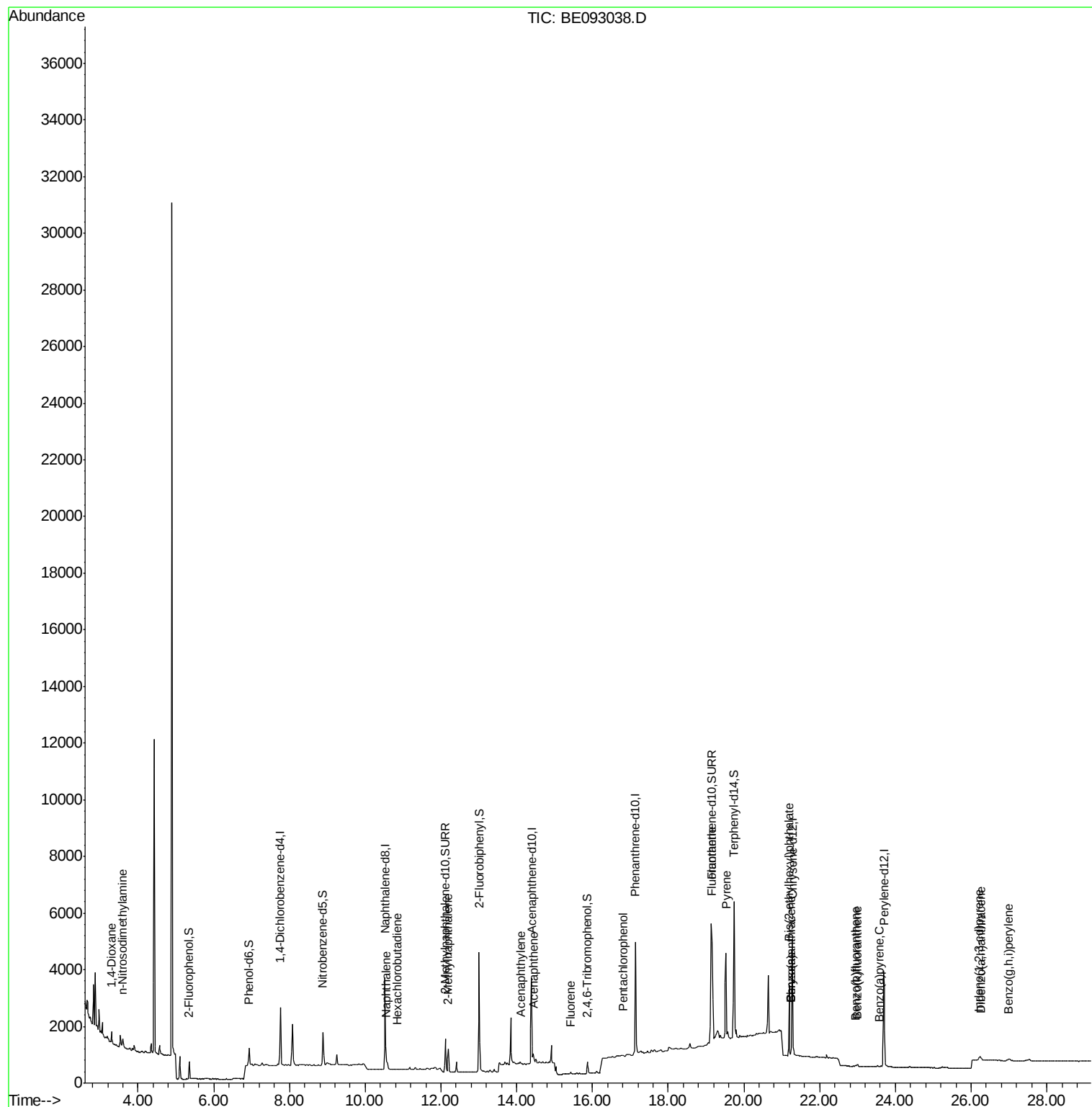
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	159	0.05	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	65	0.03	ng	# 1
9) Naphthalene	10.56	128	444	0.04	ng	# 61
10) Hexachlorobutadiene	10.85	225	3	0.00	ng	95
12) 2-Methylnaphthalene	12.19	142	626	0.09	ng	96
16) Acenaphthylene	14.10	152	174	0.00	ng	# 82
17) Acenaphthene	14.44	154	60	0.01	ng	# 80
18) Fluorene	15.42	166	64	0.01	ng	# 78
21) Hexachlorobenzene	16.47	284	10	Below Cal		# 100
22) Pentachlorophenol	16.82	266	52	0.05	ng	# 89
24) Anthracene	17.28	178	399	Below Cal		# 76
26) Fluoranthene	19.16	202	4711	0.06	ng	# 59
28) Pyrene	19.53	202	5131	0.07	ng	# 91
30) Benzo(a)anthracene	21.25	228	193	0.01	ng	# 1
31) Chrysene	21.25	228	197	0.01	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	2336	0.30	ng	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	290	0.00	ng	# 76
35) Benzo(b)fluoranthene	22.95	252	58	0.00	ng	# 1
36) Benzo(k)fluoranthene	23.00	252	73	0.00	ng	# 1
37) Benzo(a)pyrene	23.57	252	33	0.00	ng	# 1
38) Dibenzo(a,h)anthracene	26.25	278	73	0.01	ng	# 1
39) Benzo(g,h,i)perylene	26.99	276	211	0.00	ng	# 1

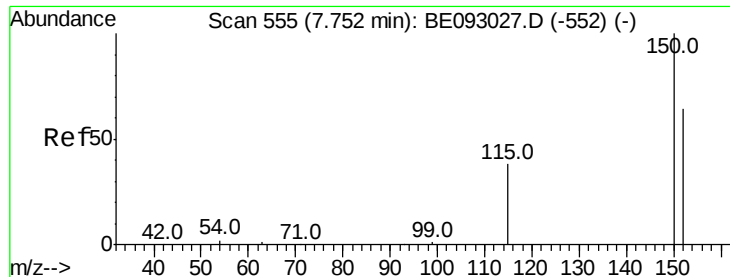
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 01:12:21 2017
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QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

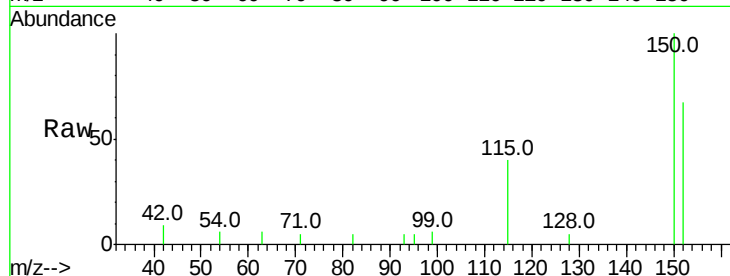
Tot Ion:152 Resp: 1031

Ion Ratio Lower Upper

152 100

150 149.6 125.1 187.7

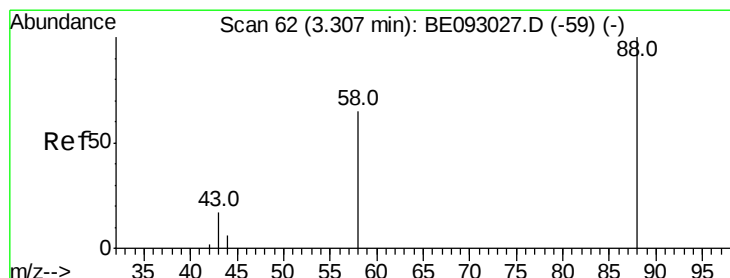
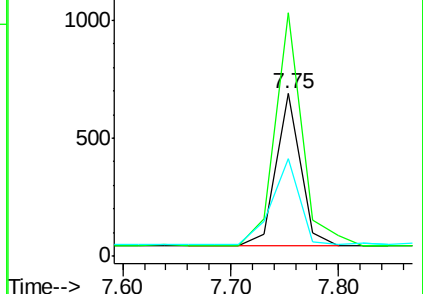
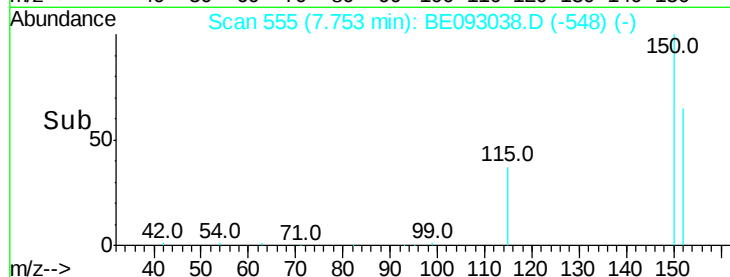
115 59.9 55.7 83.5



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: 0.05 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

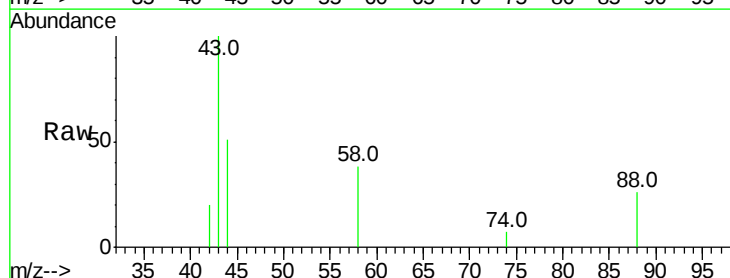
Tgt Ion: 88 Resp: 159

Ion Ratio Lower Upper

88 100

58 115.1 62.2 93.4#

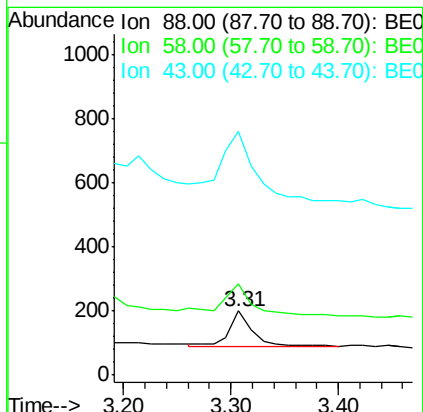
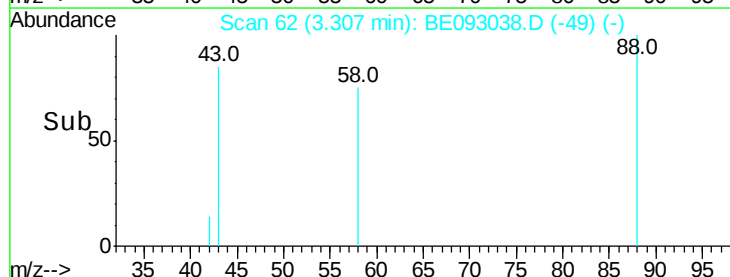
43 322.6 23.2 34.8#

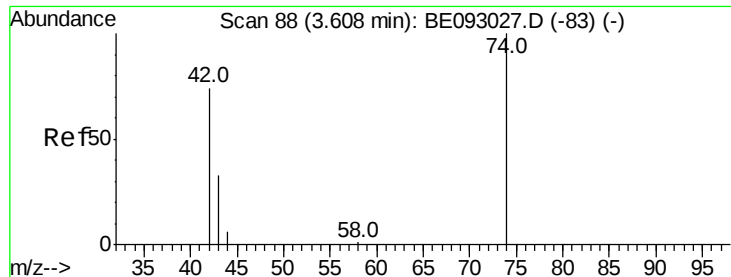


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

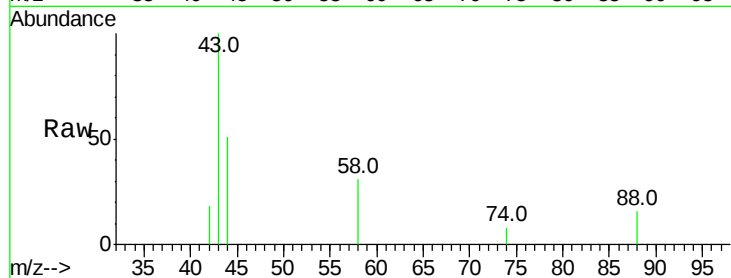
Tot Ion: 42 Resp: 65

Ion Ratio Lower Upper

42 100

74 6.2 99.1 148.7#

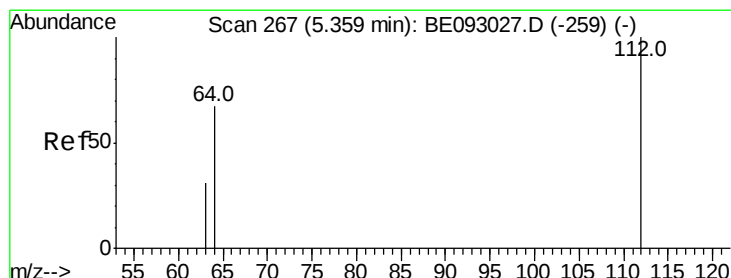
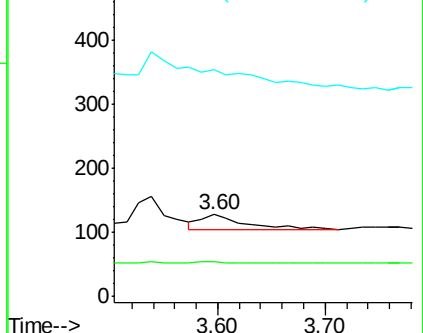
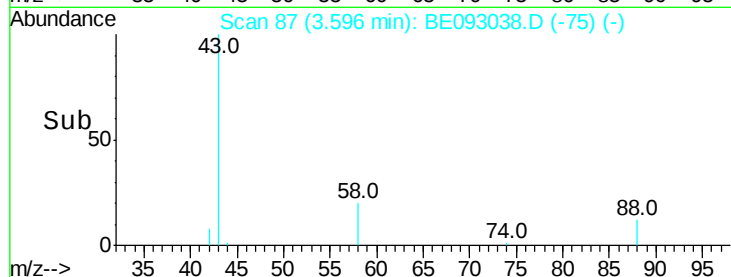
44 0.0 7.4 11.2#



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: BE093038.D

Acq: 15 May 2017 17:27

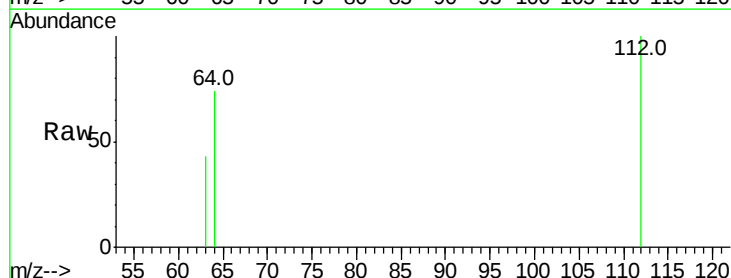
Tgt Ion: 112 Resp: 457

Ion Ratio Lower Upper

112 100

64 70.0 56.4 84.6

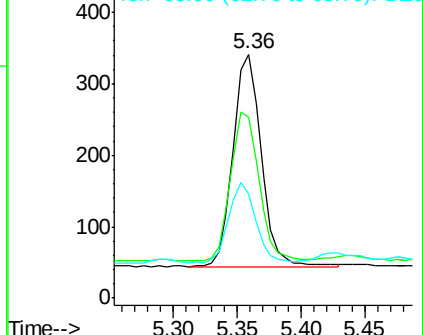
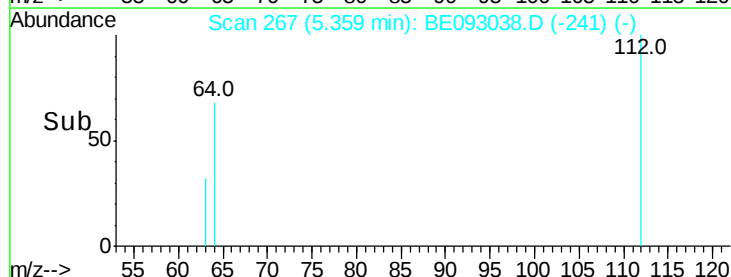
63 35.4 29.3 43.9

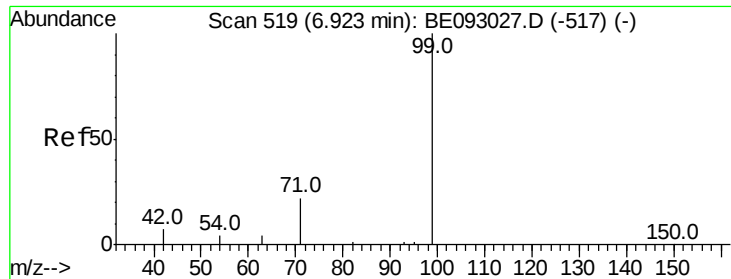


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

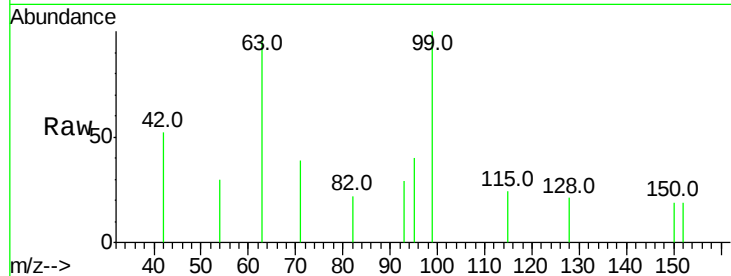
Tot Ion: 99 Resp: 376

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

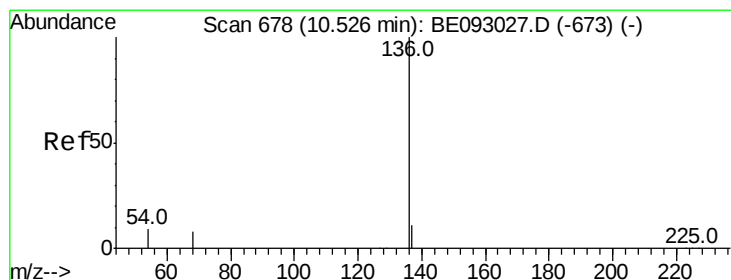
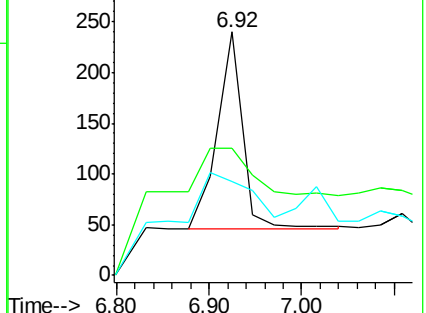
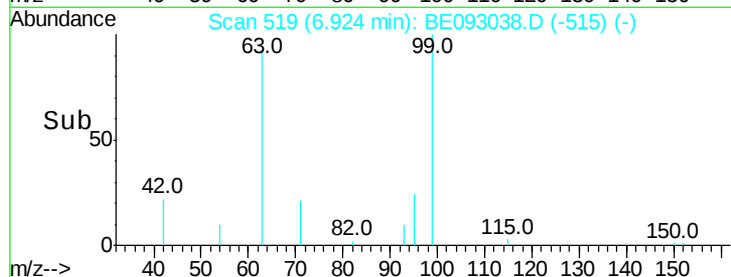
71 0.0 0.0 0.0



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Tgt Ion: 136 Resp: 4267

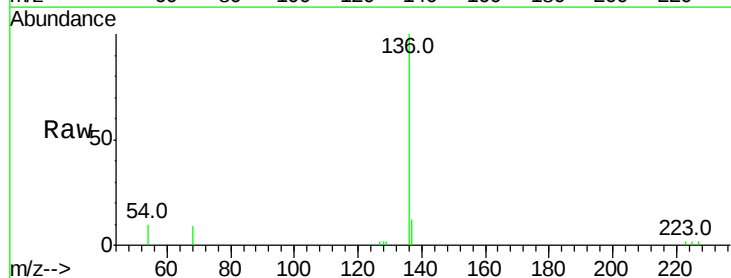
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 10.3 10.3 15.5#

68 9.5 9.0 13.4

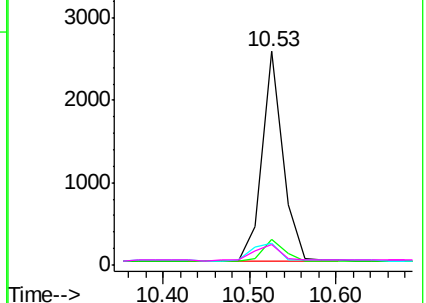
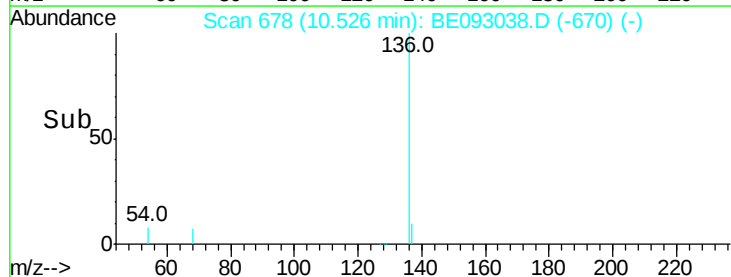


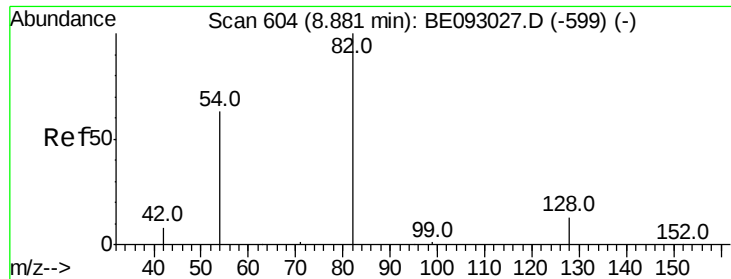
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.31 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

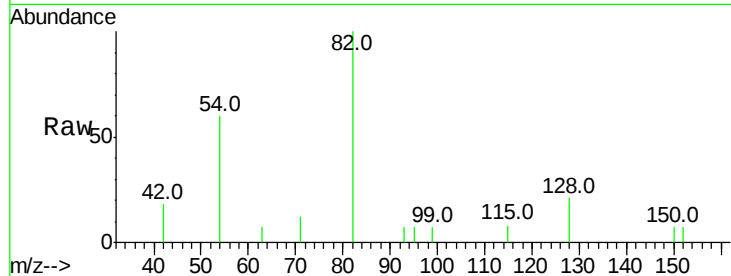
Tot Ion: 82 Resp: 1148

Ion Ratio Lower Upper

82 100

128 20.6 17.0 25.4

54 59.7 53.8 80.6



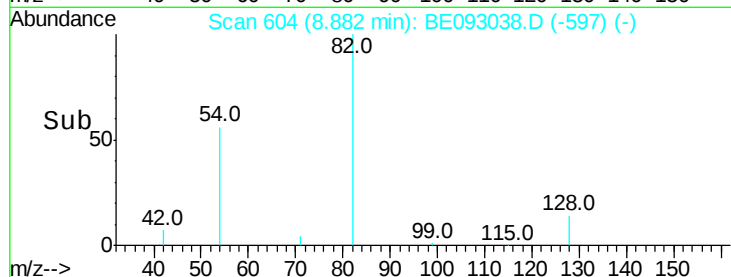
Abundance Ion 82.00 (81.70 to 82.70): BE093027.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE093027.D (-599) (-)

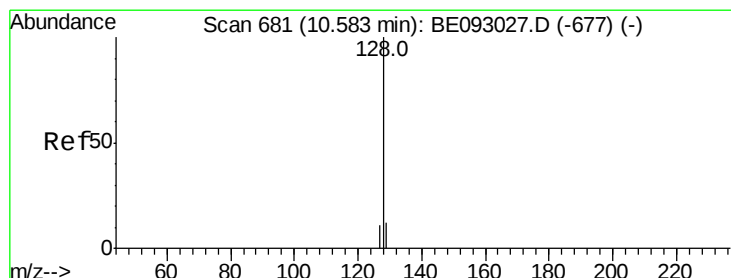
Ion 54.00 (53.70 to 54.70): BE093027.D (-599) (-)

8.88

Time-->



Time-->



#9

Naphthalene

Concen: 0.04 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

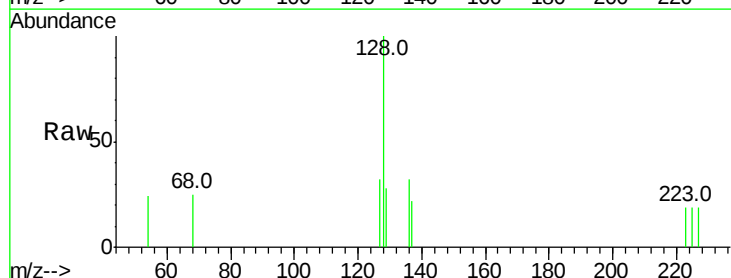
Tgt Ion: 128 Resp: 444

Ion Ratio Lower Upper

128 100

129 28.0 11.4 17.0#

127 32.2 11.2 16.8#



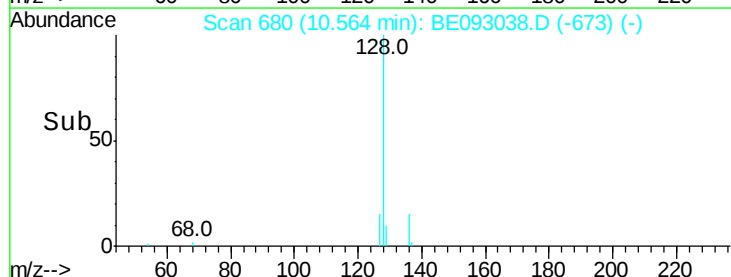
Abundance Ion 128.00 (127.70 to 128.70): BE093027.D (-677) (-)

Ion 129.00 (128.70 to 129.70): BE093027.D (-677) (-)

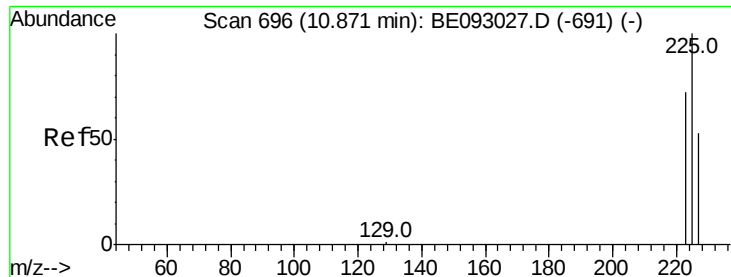
Ion 127.00 (126.70 to 127.70): BE093027.D (-677) (-)

10.56

Time-->



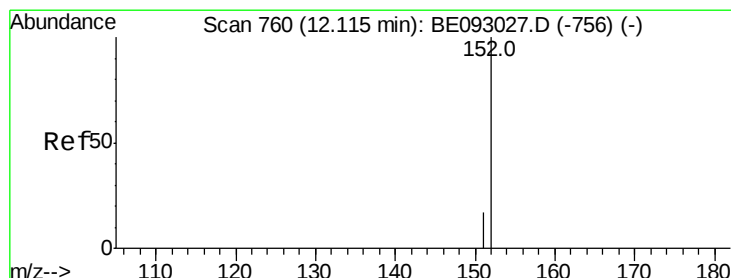
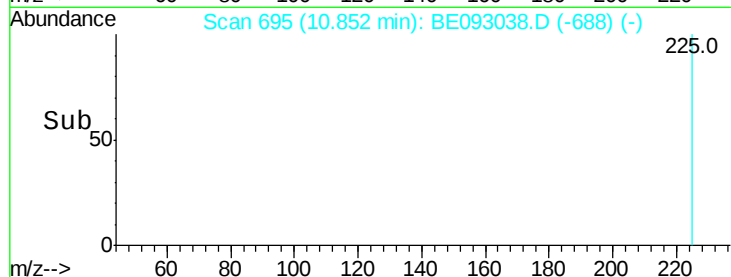
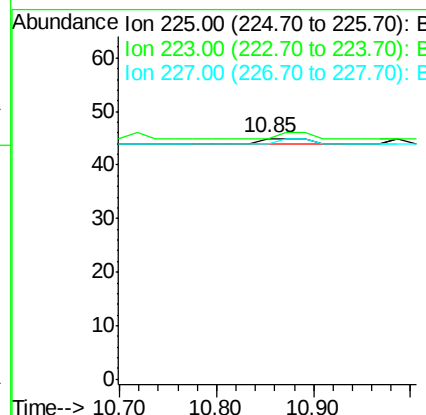
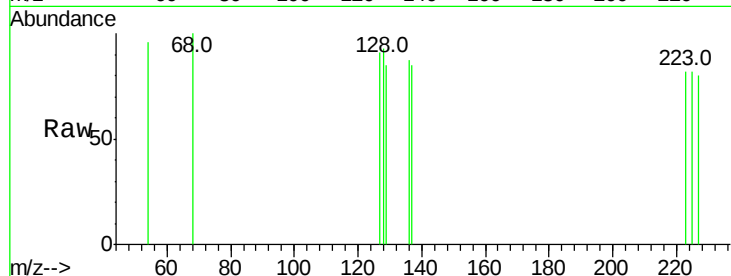
Time-->



#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.85 min Scan# 695
Delta R.T. -0.02 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

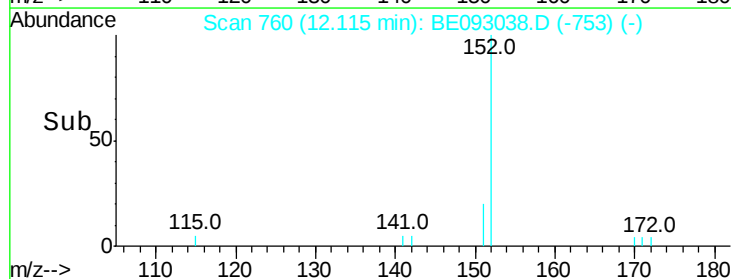
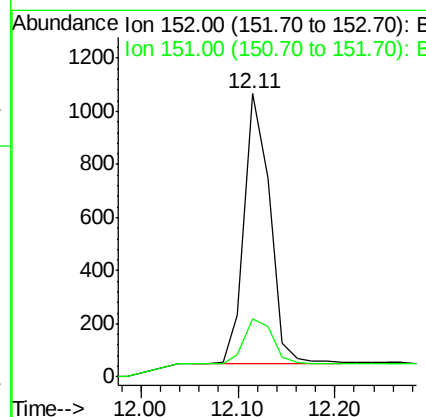
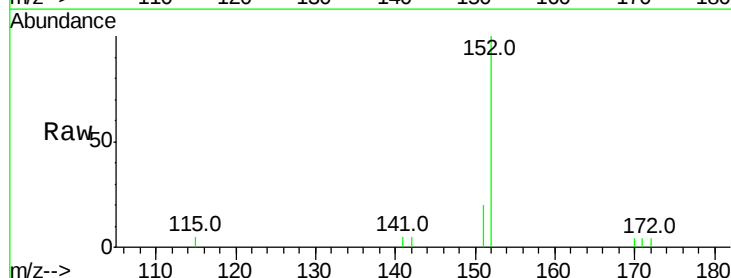
Instrument :
BNA_E
ClientSampleId :

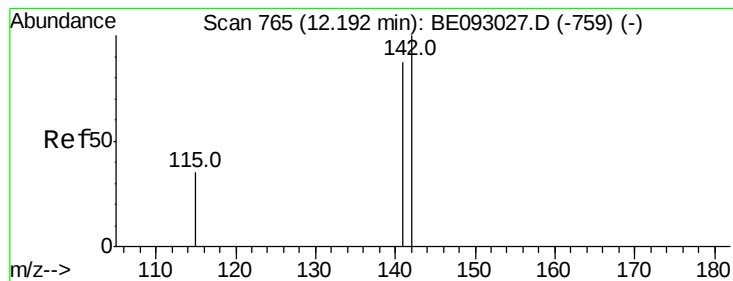
Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 66.7 49.7 74.5
227 66.7 50.3 75.5



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:152 Resp: 1891
Ion Ratio Lower Upper
152 100
151 19.0 15.1 22.7





#12

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampled :

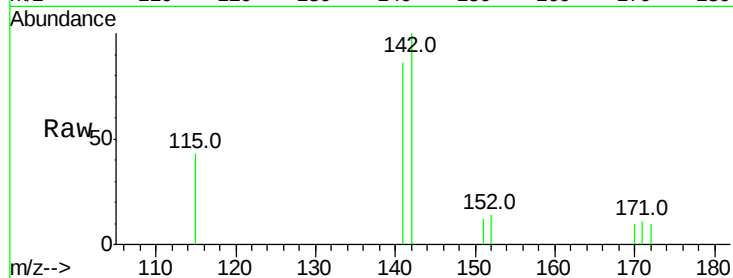
Tot Ion:142 Resp: 626

Ion Ratio Lower Upper

142 100

141 86.5 72.6 108.8

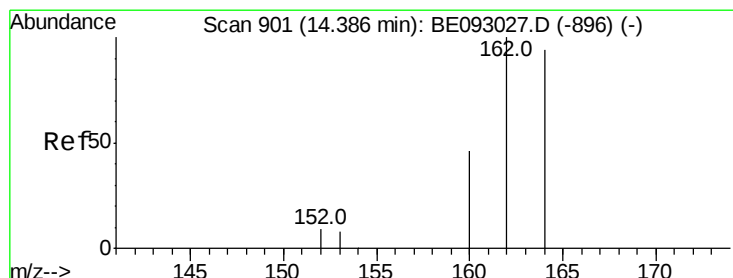
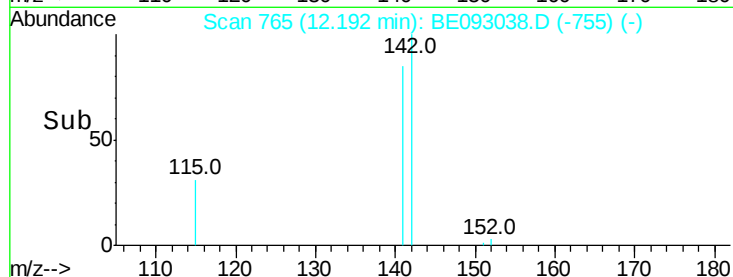
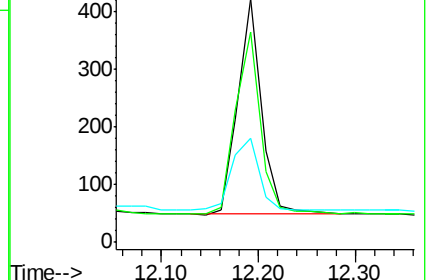
115 42.9 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

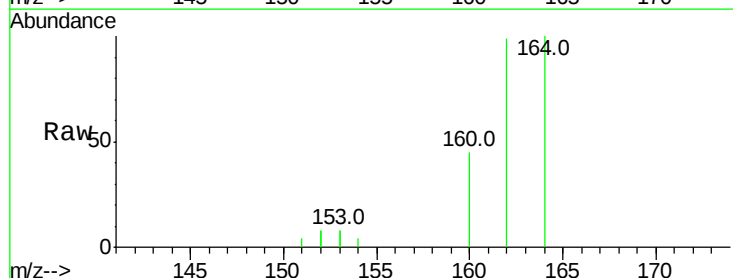
Tgt Ion:164 Resp: 2105

Ion Ratio Lower Upper

164 100

162 98.8 84.6 127.0

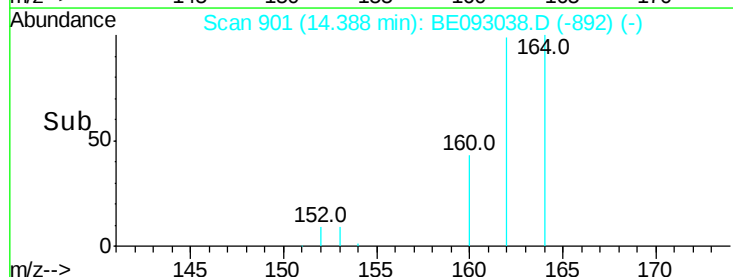
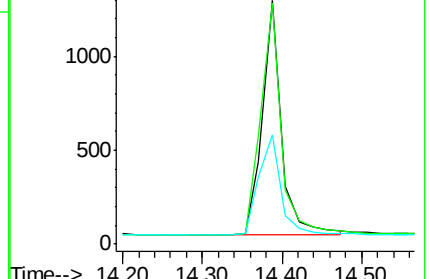
160 45.1 41.8 62.6

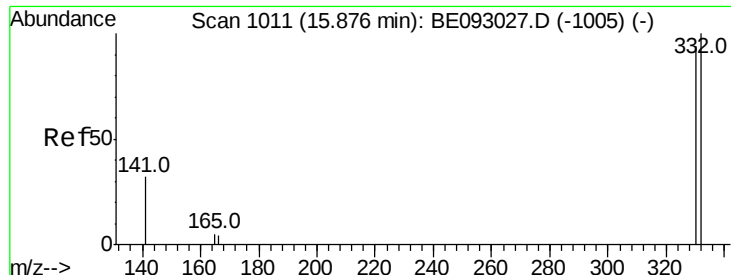


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

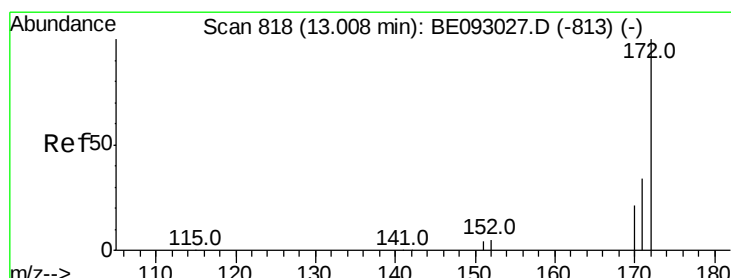
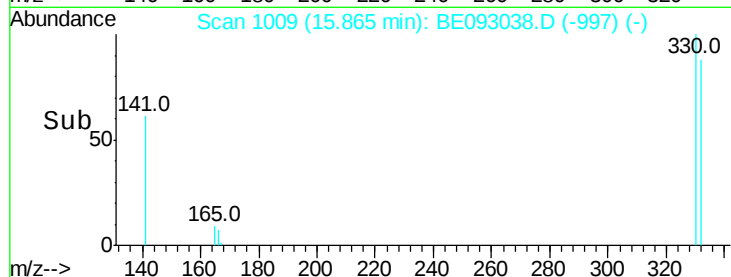
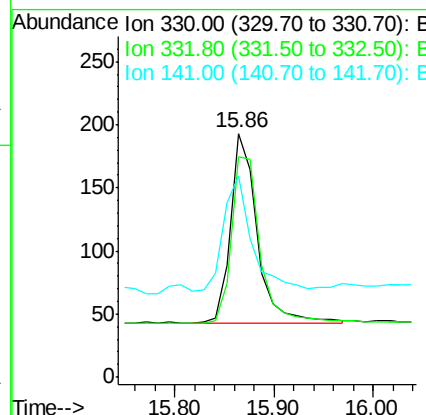
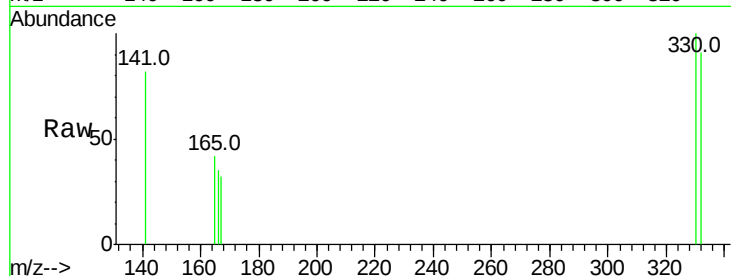




#14
 2,4,6-Tribromophenol
 Concen: 0.45 ng
 RT: 15.86 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BE093038.D
 Acq: 15 May 2017 17:27

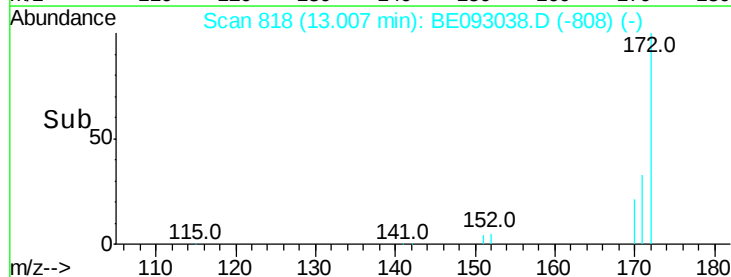
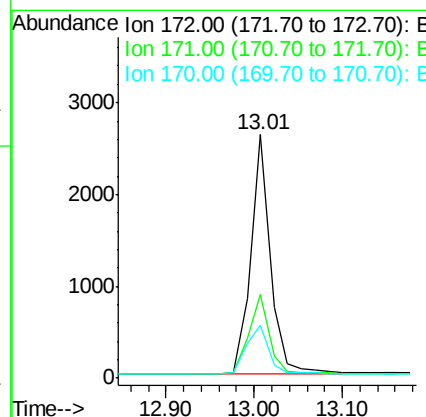
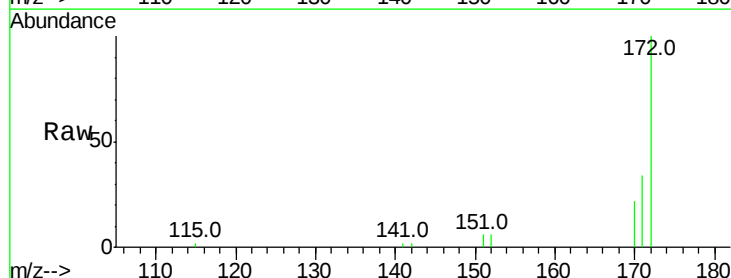
Instrument :
 BNA_E
 ClientSampleId :

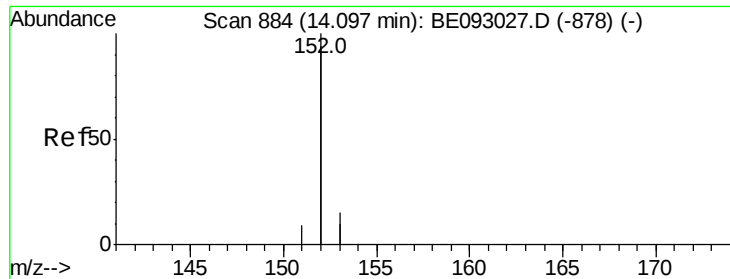
Tot Ion:330 Resp: 279
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.7 116.5
 141 65.6 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093038.D
 Acq: 15 May 2017 17:27

Tgt Ion:172 Resp: 4102
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.8 44.6
 170 21.9 20.7 31.1

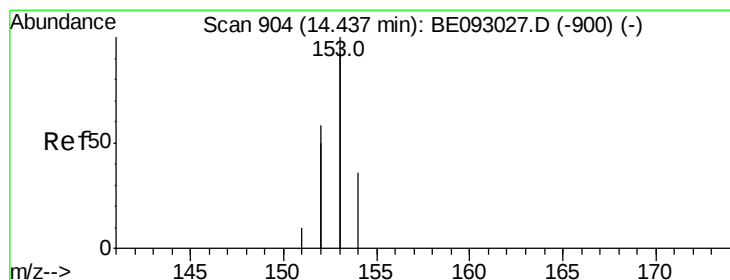
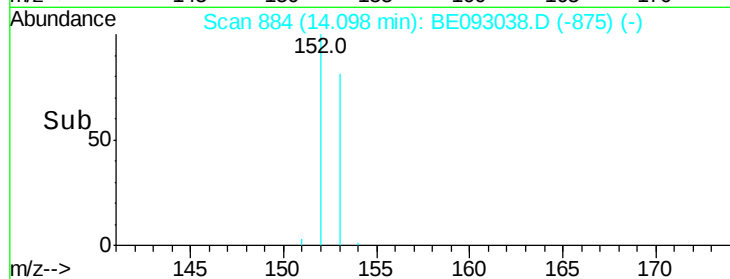
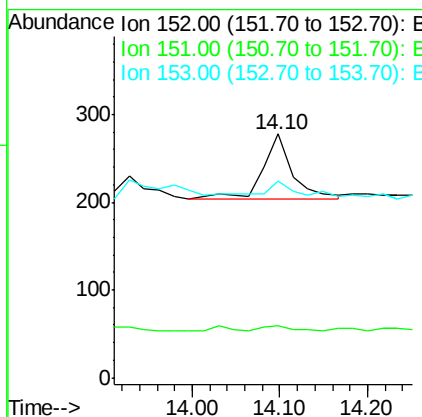
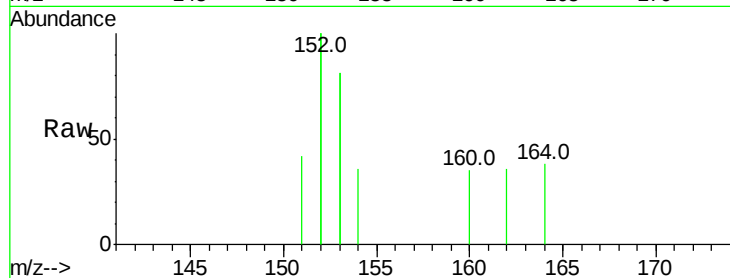




#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

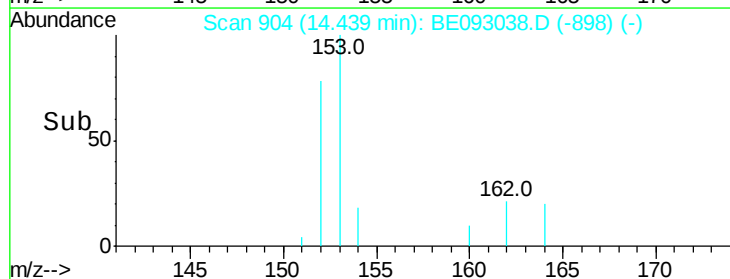
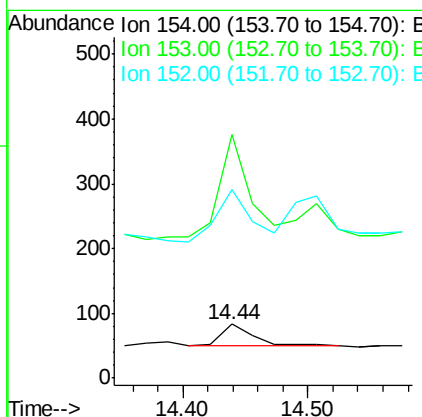
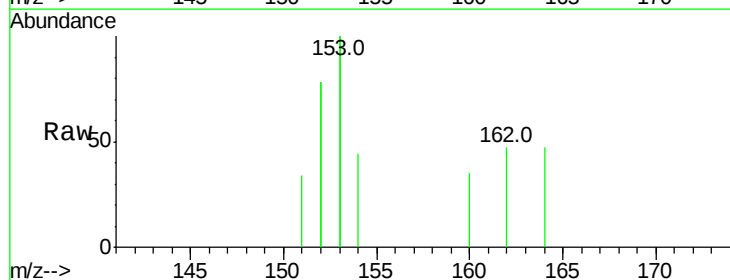
Instrument :
BNA_E
ClientSampleId :

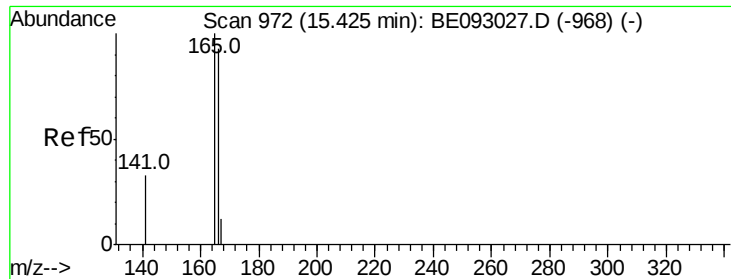
Tot Ion:152 Resp: 174
Ion Ratio Lower Upper
152 100
151 8.0 4.0 6.0#
153 21.3 10.3 15.5#



#17
Acenaphthene
Concen: 0.01 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:154 Resp: 60
Ion Ratio Lower Upper
154 100
153 518.3 367.8 551.6
152 261.7 188.2 282.2





#18

Fluorene

Concen: 0.01 ng

RT: 15.42 min Scan# 971

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

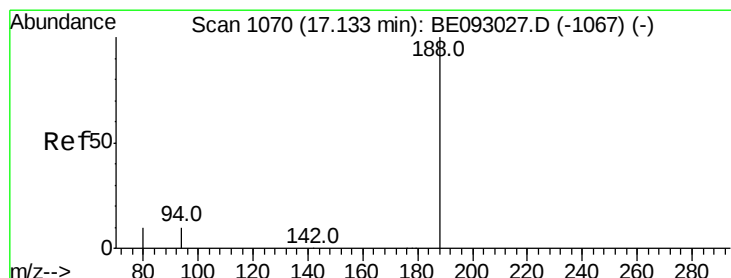
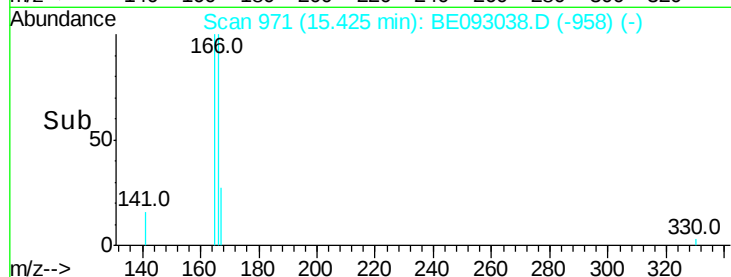
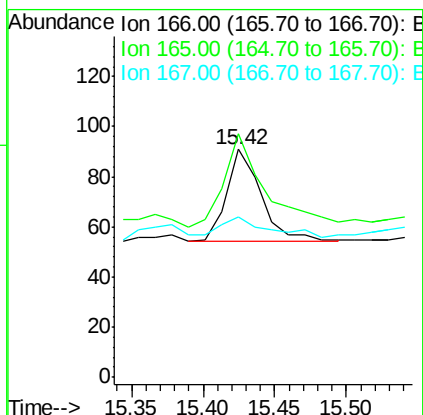
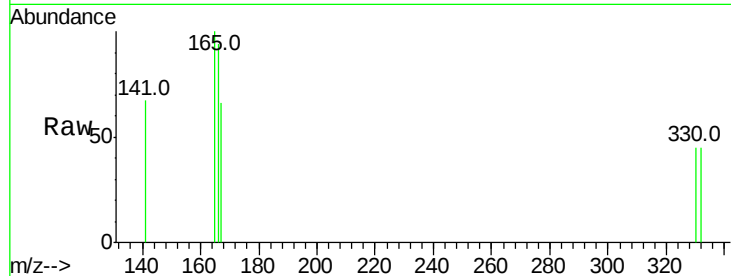
Tot Ion:166 Resp: 64

Ion Ratio Lower Upper

166 100

165 120.3 78.6 117.8#

167 23.4 11.1 16.7#



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

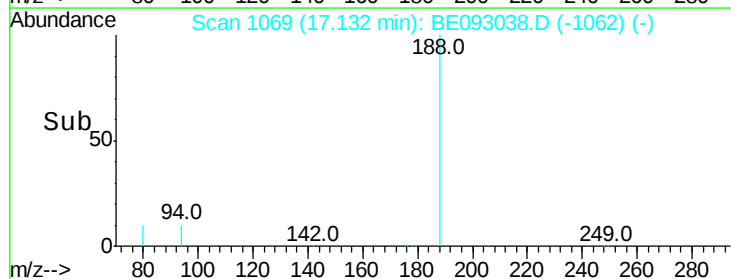
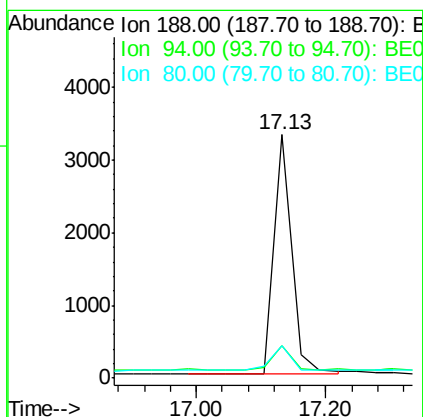
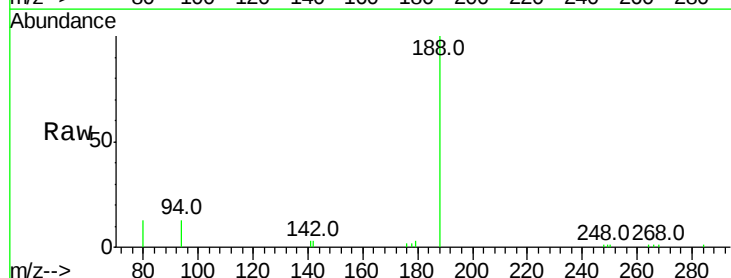
Tgt Ion:188 Resp: 6304

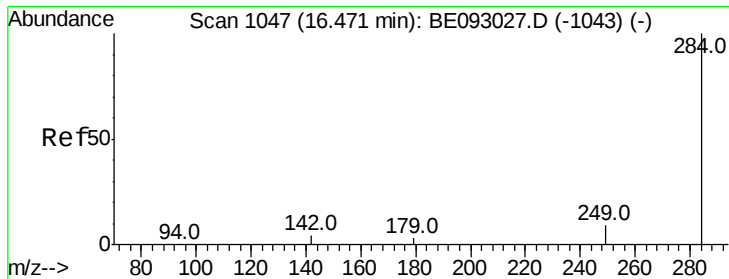
Ion Ratio Lower Upper

188 100

94 13.5 11.3 16.9

80 13.1 11.7 17.5

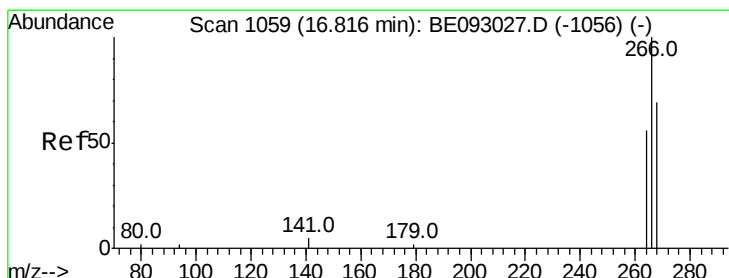
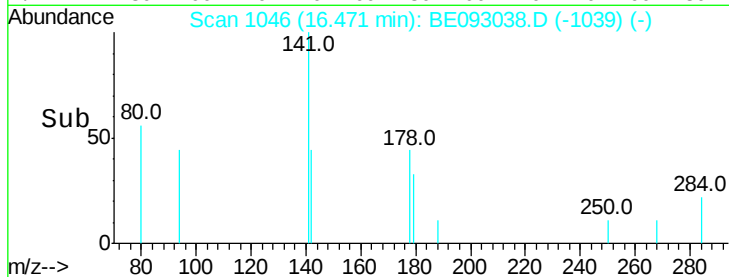
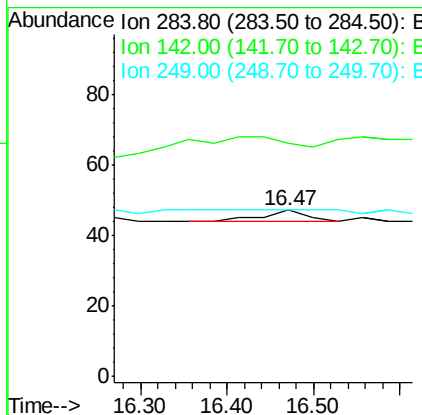
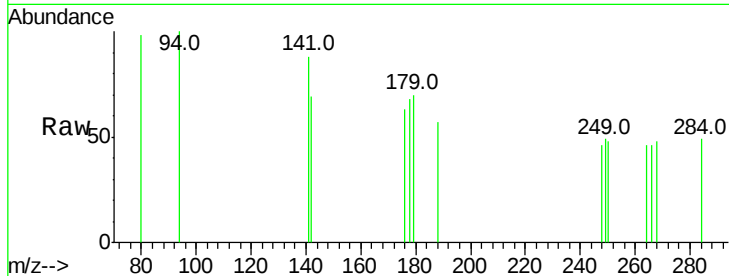




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

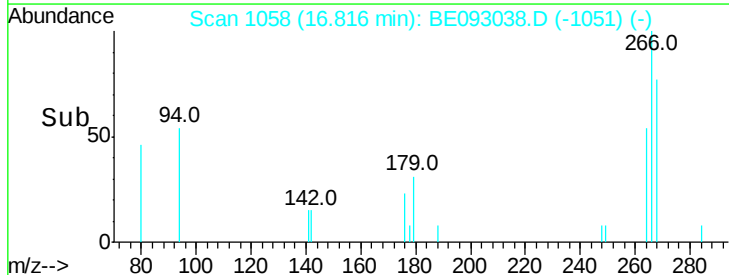
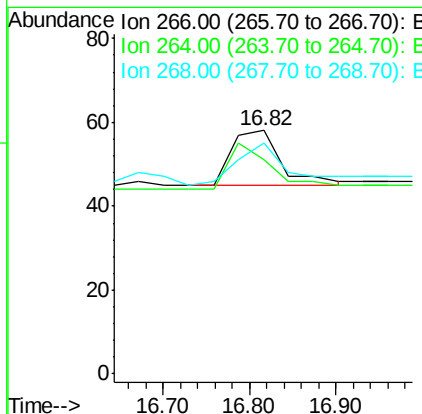
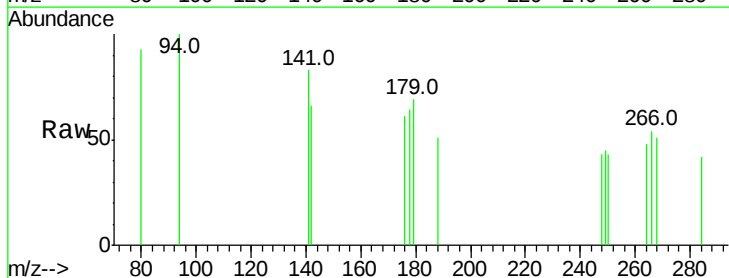
Instrument :
BNA_E
ClientSampleId :

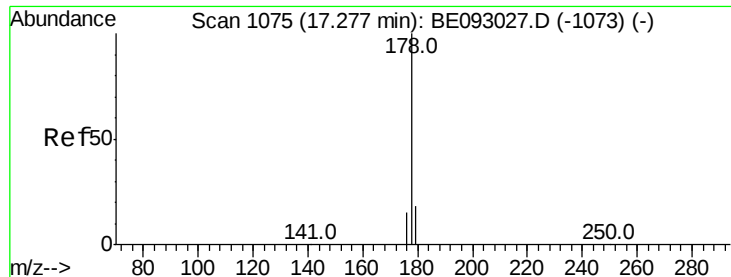
Tot Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.05 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:266 Resp: 52
Ion Ratio Lower Upper
266 100
264 87.9 58.2 87.2#
268 94.8 71.9 107.9





#24

Anthracene

Concen: Below Cal

RT: 17.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampled :

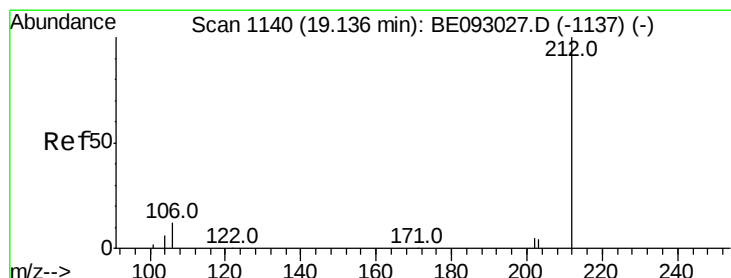
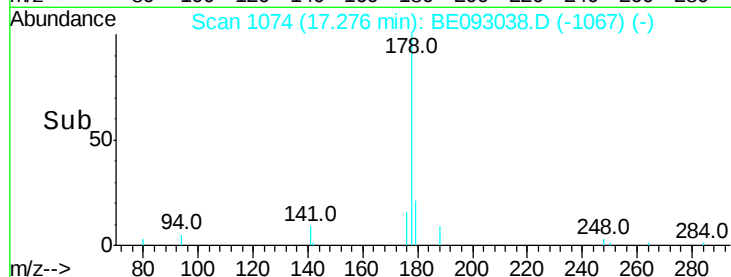
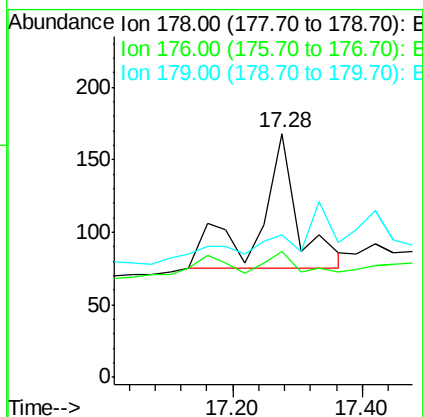
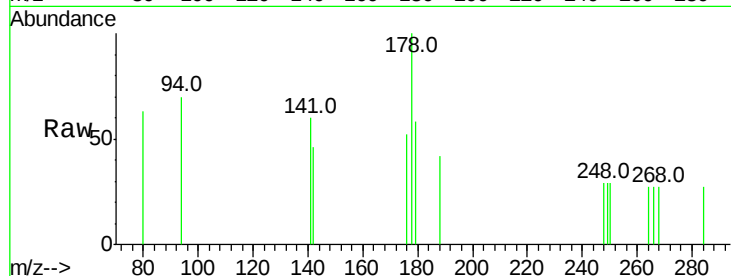
Tot Ion:178 Resp: 399

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

179 0.0 12.0 18.0#



#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

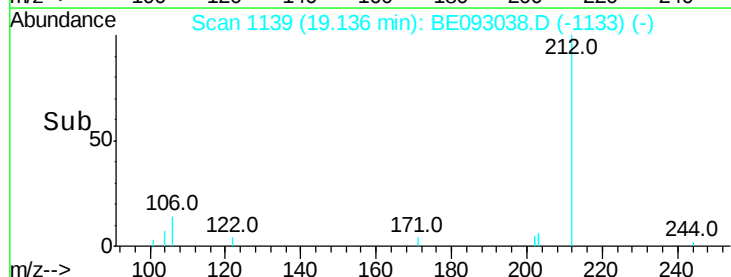
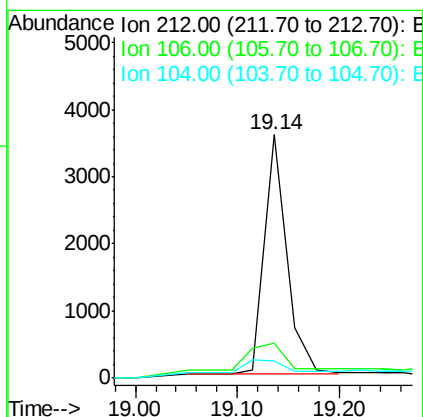
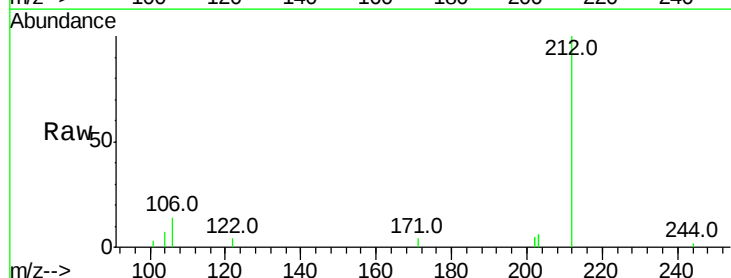
Tgt Ion:212 Resp: 5471

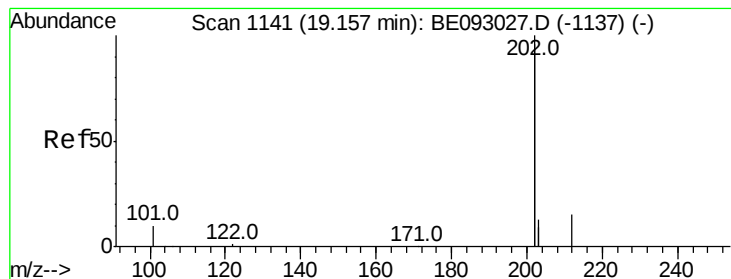
Ion Ratio Lower Upper

212 100

106 18.1 0.0 0.0#

104 0.0 0.0 0.0





#26

Fluoranthene

Concen: 0.06 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

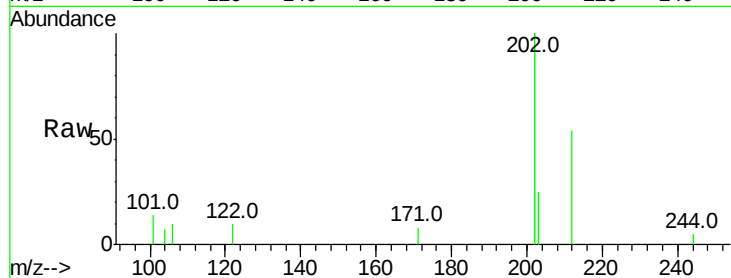
Tot Ion:202 Resp: 4711

Ion Ratio Lower Upper

202 100

101 4.7 0.0 0.0#

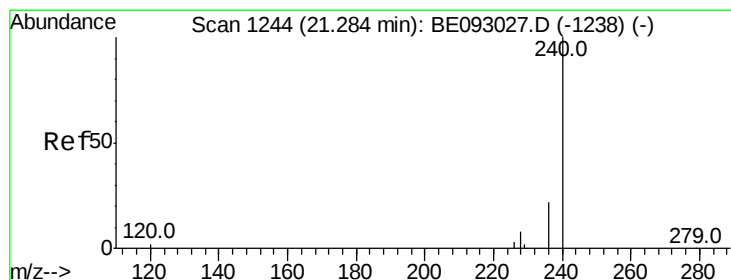
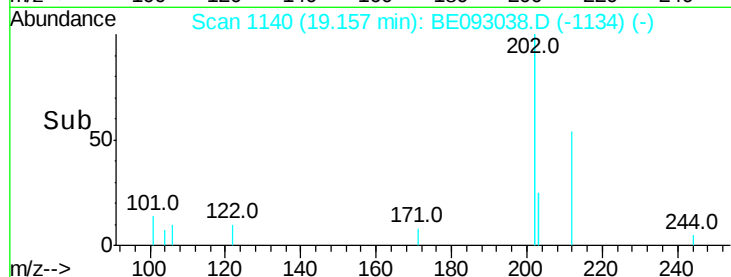
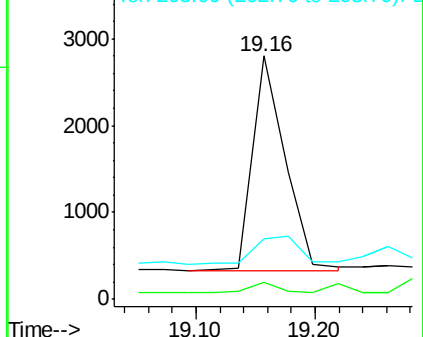
203 0.0 14.4 21.6#



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



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

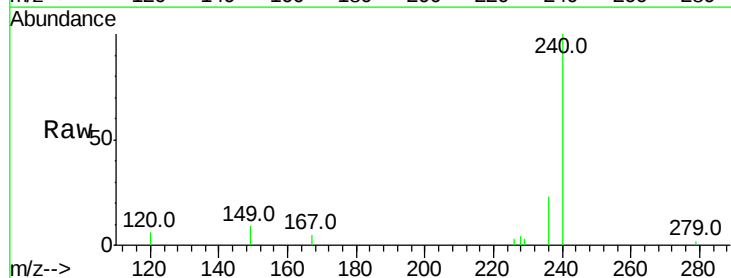
Tgt Ion:240 Resp: 6141

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

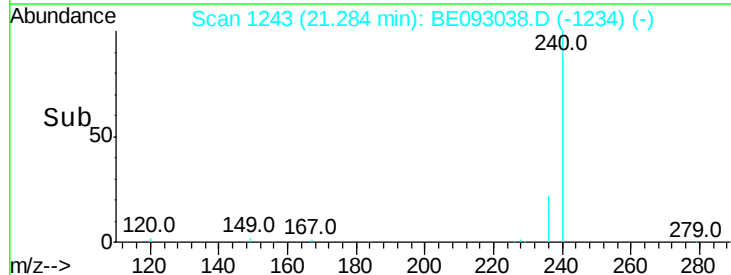
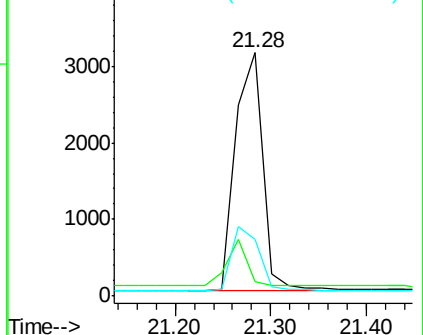
236 23.3 20.8 31.2

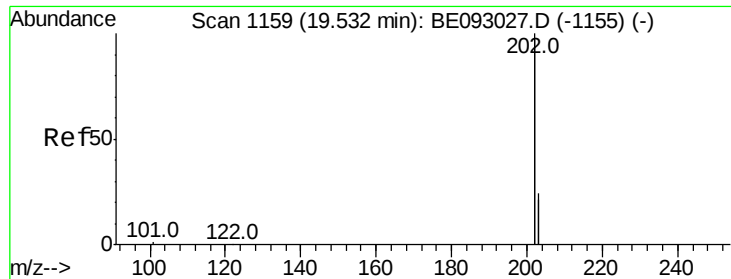


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

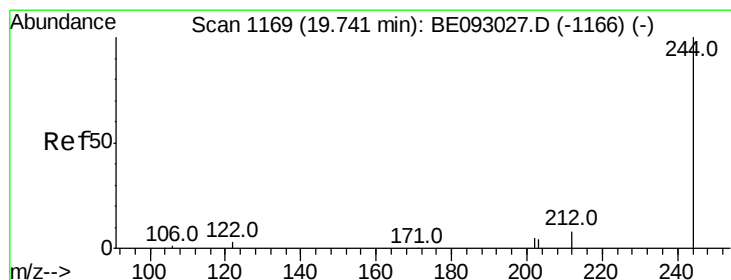
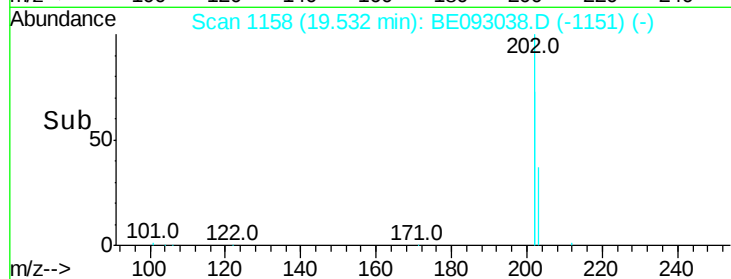
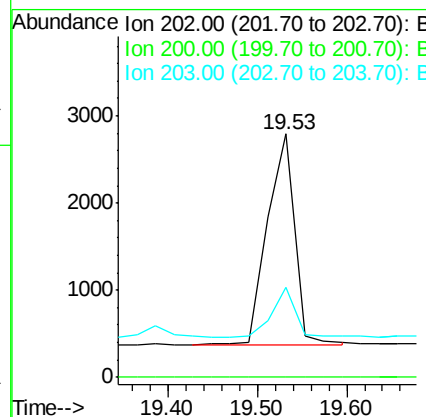
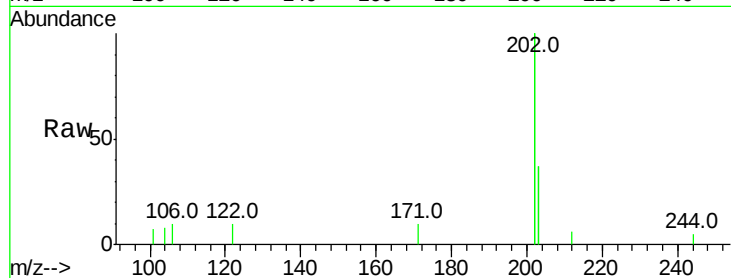




#28
Pvrene
Concen: 0.07 ng
RT: 19.53 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

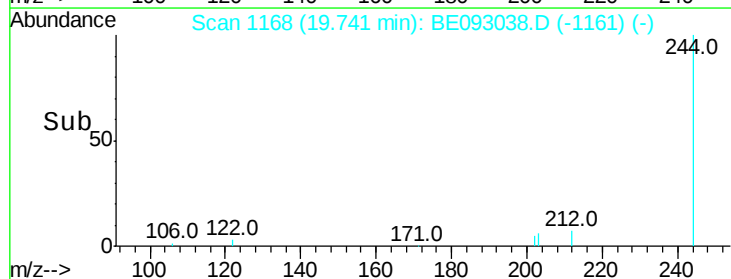
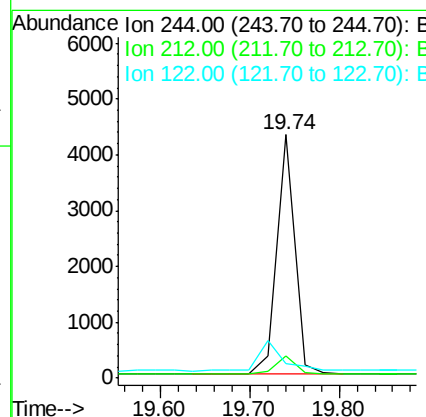
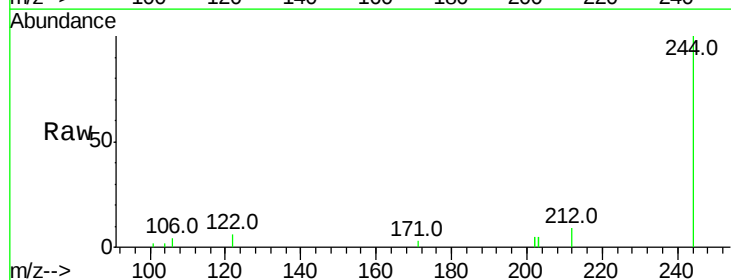
Instrument :
BNA_E
ClientSampleId :

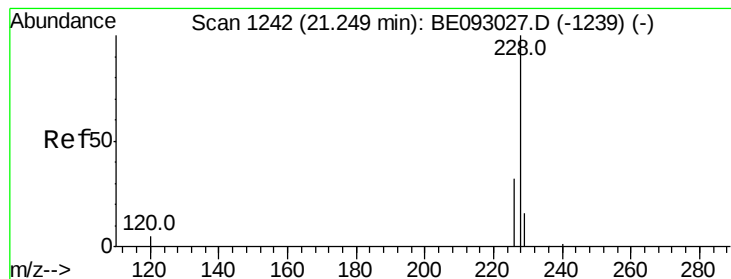
Tot Ion:202 Resp: 5131
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 21.2 13.7 20.5#



#29
Terphenyl-d14
Concen: 0.53 ng
RT: 19.74 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:244 Resp: 6090
Ion Ratio Lower Upper
244 100
212 9.1 10.6 16.0#
122 6.0 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

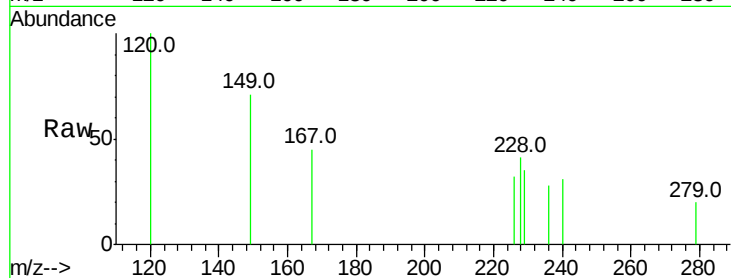
Tot Ion:228 Resp: 193

Ion Ratio Lower Upper

228 100

226 76.6 19.7 29.5#

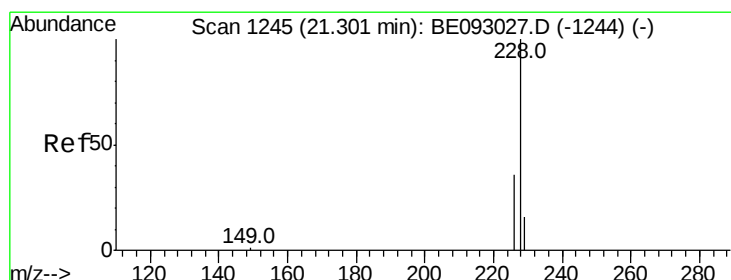
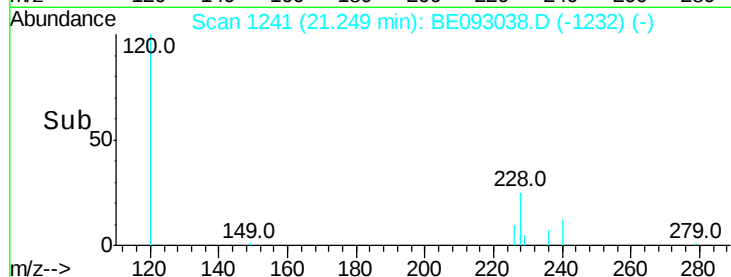
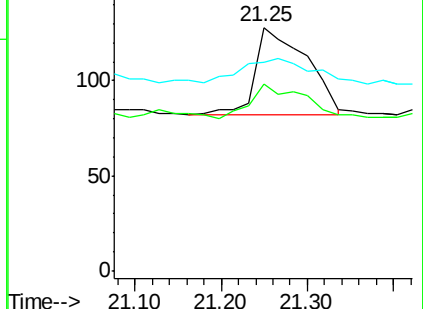
229 85.9 19.2 28.8#



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: 0.01 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.05 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

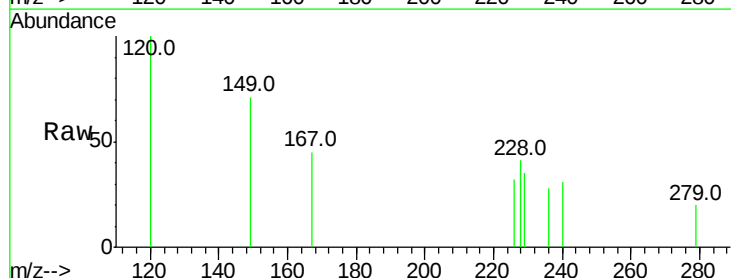
Tgt Ion:228 Resp: 197

Ion Ratio Lower Upper

228 100

226 76.6 21.5 32.3#

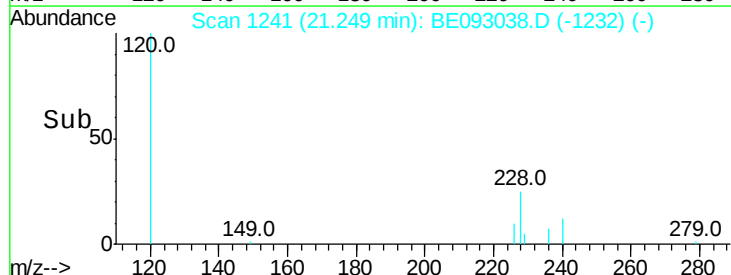
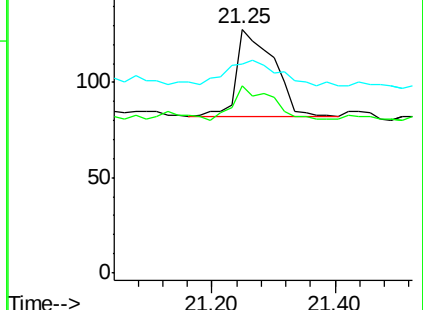
229 85.9 18.6 28.0#

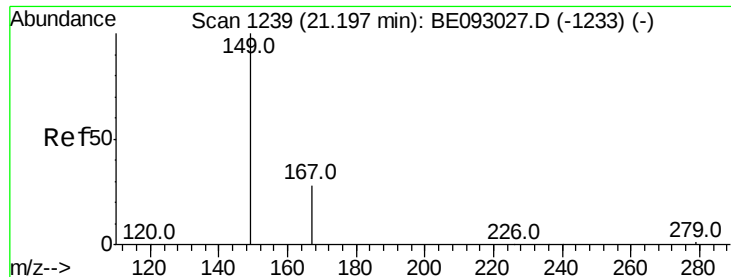


Abundance Ion 228.00 (227.70 to 228.70): E

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# 1238

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

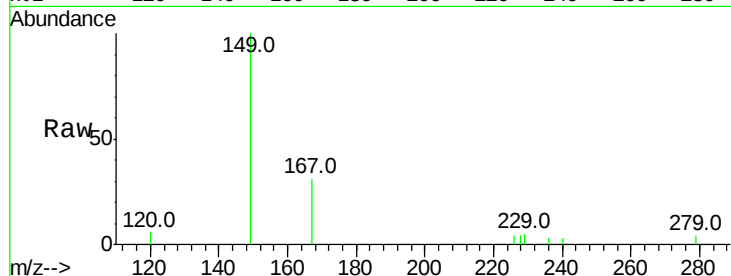
Tot Ion:149 Resp: 2336

Ion Ratio Lower Upper

149 100

167 26.1 20.1 30.1

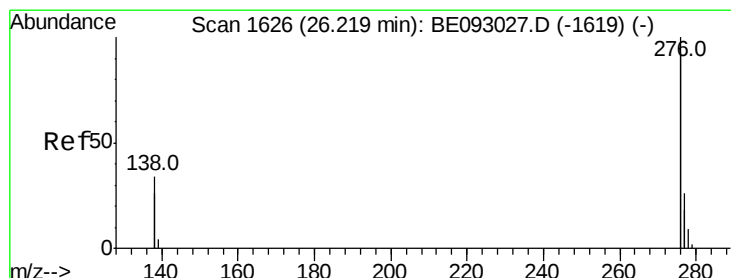
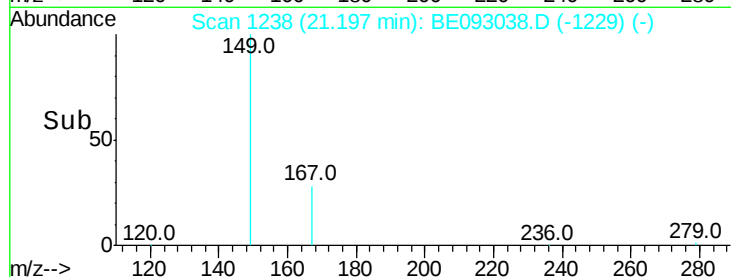
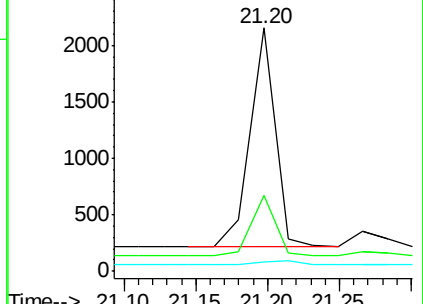
279 3.0 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 26.22 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

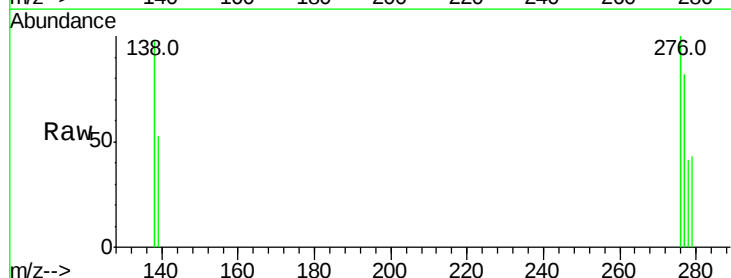
Tgt Ion:276 Resp: 290

Ion Ratio Lower Upper

276 100

138 57.9 27.4 41.2#

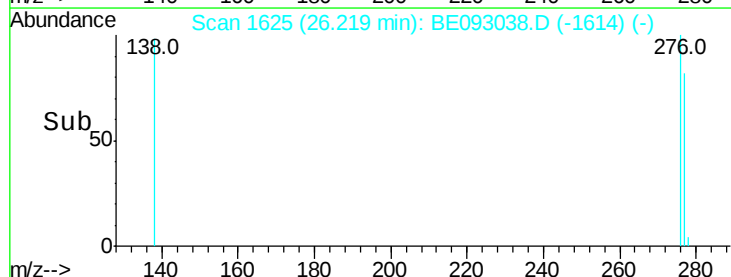
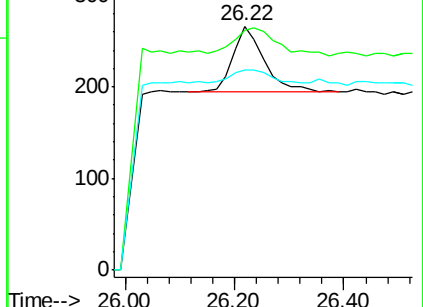
277 25.9 20.1 30.1

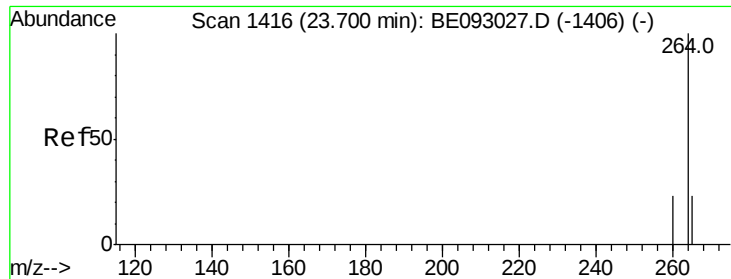


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

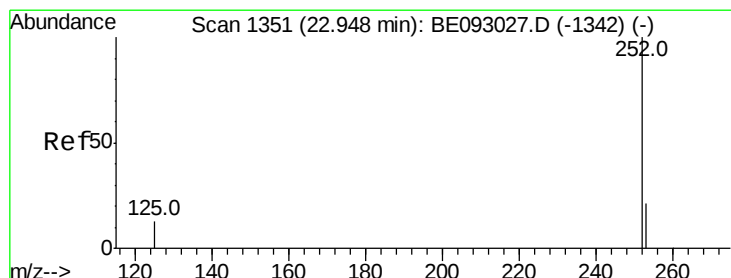
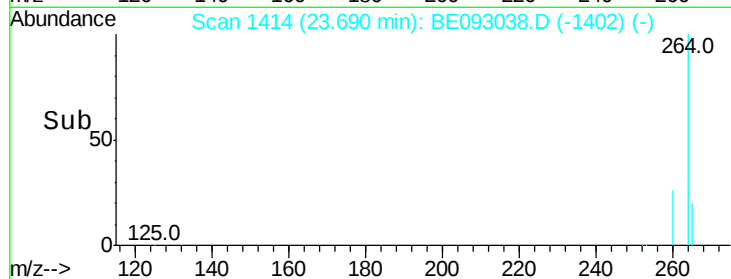
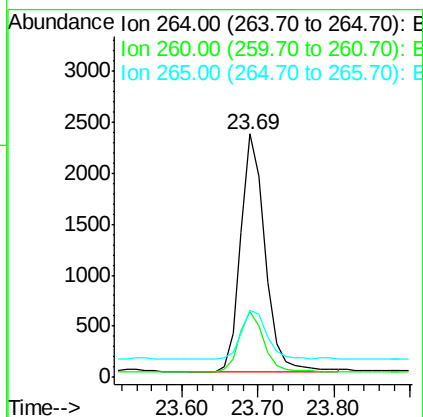
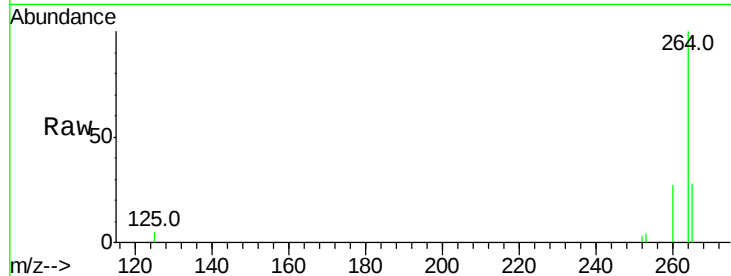




#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093038.D
 Acq: 15 May 2017 17:27

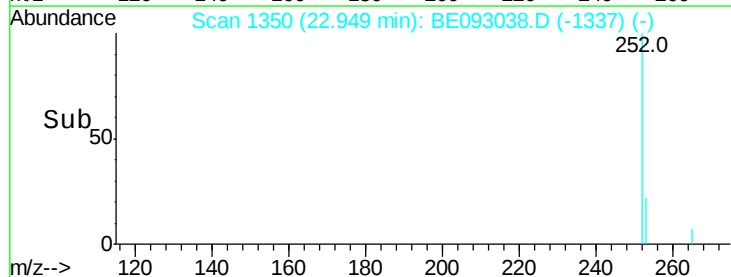
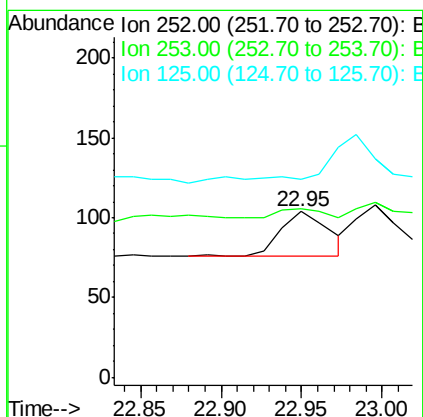
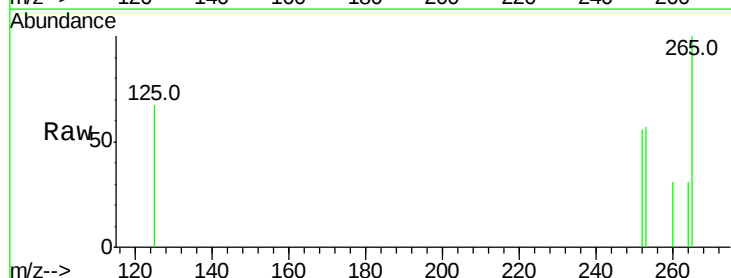
Instrument :
 BNA_E
 ClientSampleId :

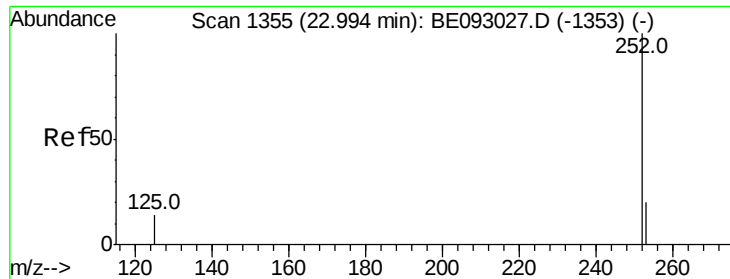
Tot Ion:264 Resp: 5202
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.0 31.4
 265 27.5 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.00 ng
 RT: 22.95 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BE093038.D
 Acq: 15 May 2017 17:27

Tgt Ion:252 Resp: 58
 Ion Ratio Lower Upper
 252 100
 253 101.9 18.5 27.7#
 125 119.2 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.00 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

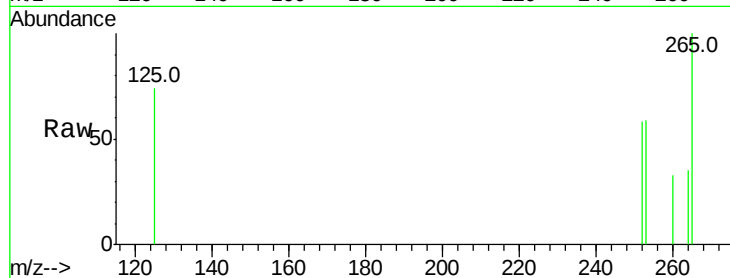
Tot Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

253 101.9 20.3 30.5#

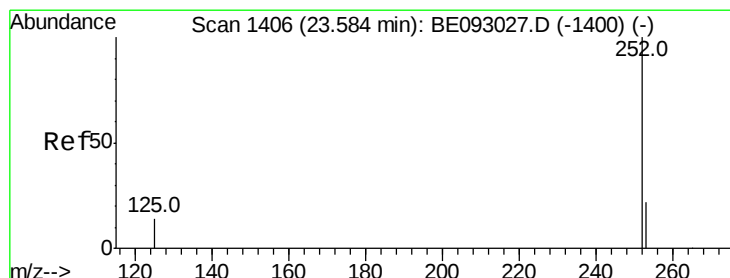
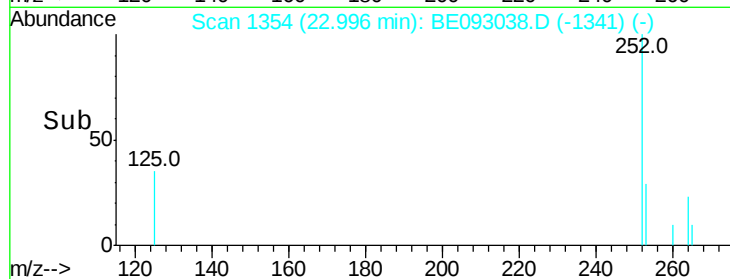
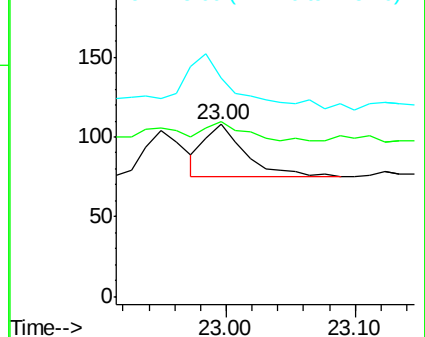
125 126.9 12.2 18.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.57 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

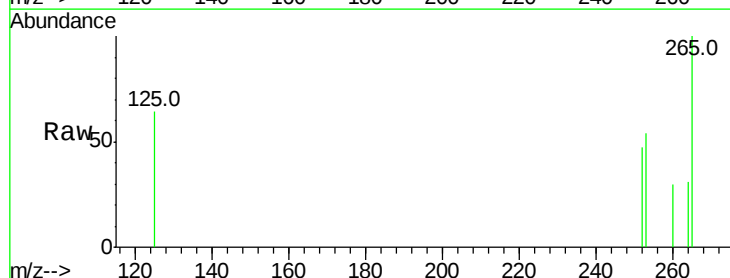
Tgt Ion:252 Resp: 33

Ion Ratio Lower Upper

252 100

253 114.1 19.9 29.9#

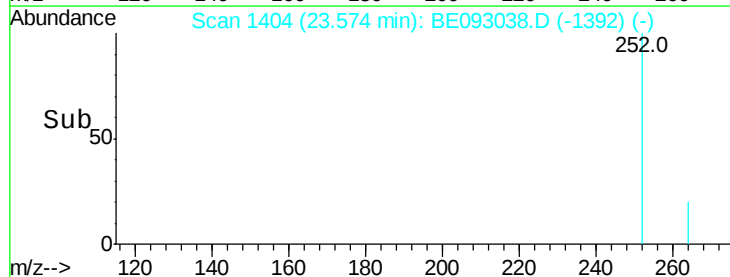
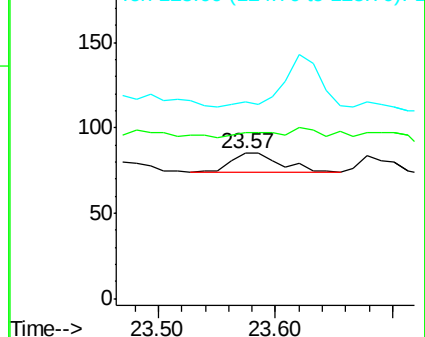
125 135.3 14.6 21.8#

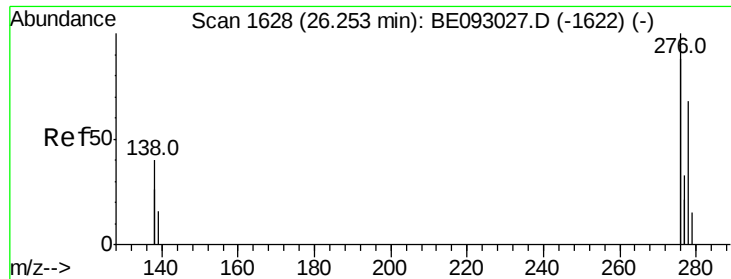


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.25 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

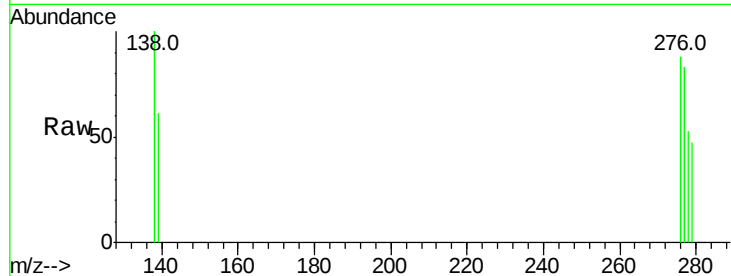
Tot Ion:278 Resp: 73

Ion Ratio Lower Upper

278 100

139 114.5 21.4 32.0#

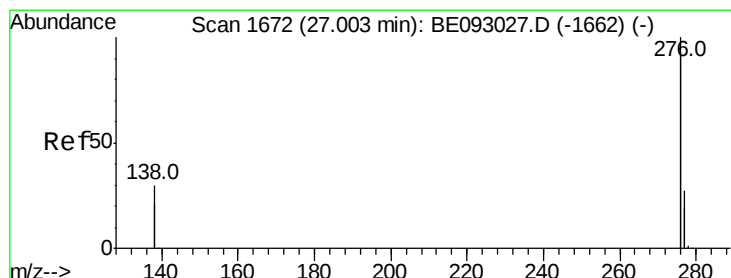
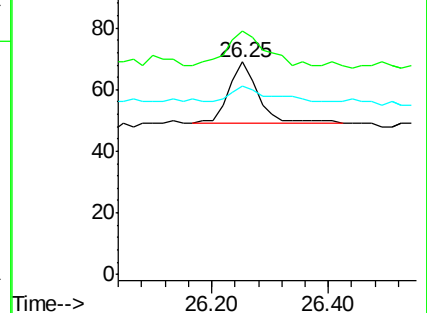
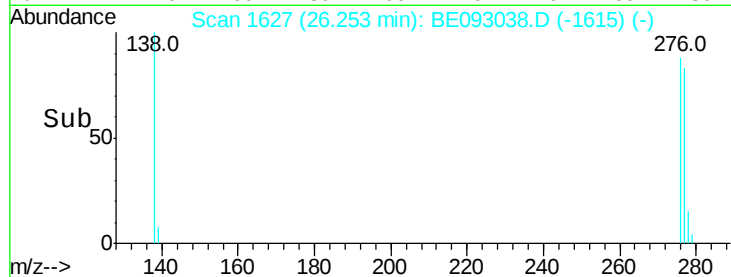
279 88.4 22.2 33.2#



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



#39

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 26.99 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

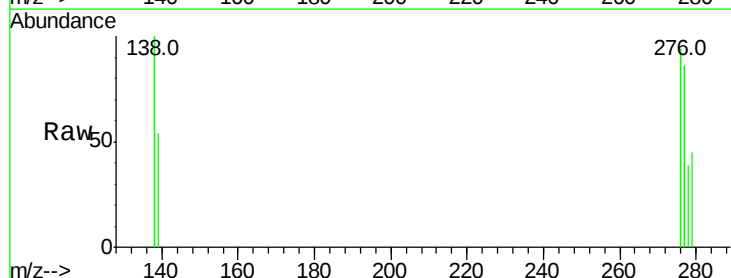
Tgt Ion:276 Resp: 211

Ion Ratio Lower Upper

276 100

277 91.4 21.2 31.8#

138 106.0 24.5 36.7#



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

