

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093691.D
 Acq On : 6 Aug 2017 1:05
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 06 02:47:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2757	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14203	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8206	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	18035	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21175	0.40	ng	-0.01
34) Perylene-d12	23.91	264	19134	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3677	0.45	ng	0.00
5) Phenol-d6	7.09	99	5663	0.46	ng	0.00
8) Nitrobenzene-d5	9.06	82	4889	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9161	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	876	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	12871	0.39	ng	-0.02
25) Fluoranthene-d10	19.27	212	89175	0.44	ng	0.00
29) Terphenyl-d14	19.86	244	15118	0.40	ng	0.00

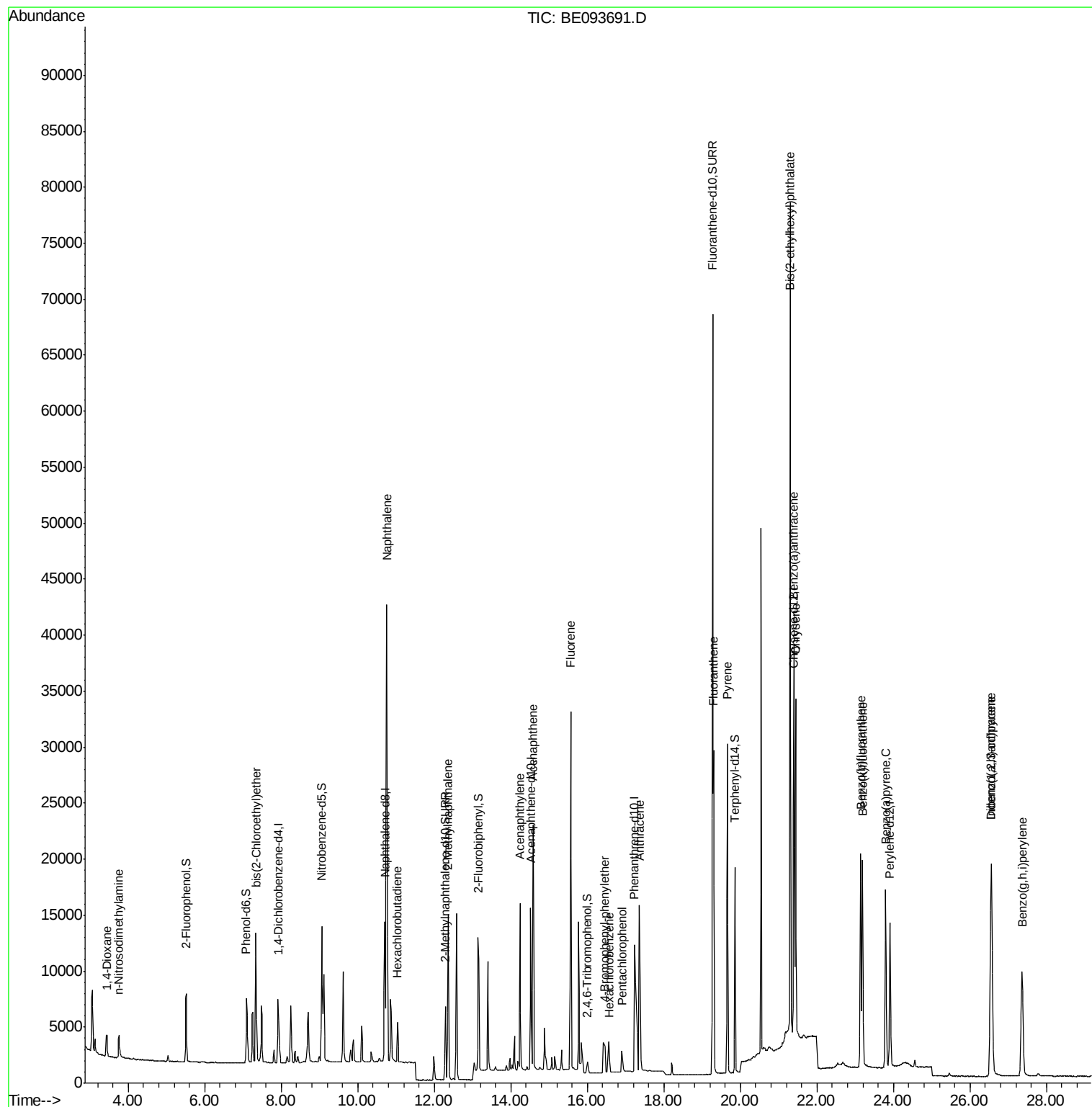
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1643	0.368	ng	95
3) n-Nitrosodimethylamine	3.74	42	1750	0.418	ng	91
6) bis(2-Chloroethyl)ether	7.34	93	4198	0.404	ng	# 99
9) Naphthalene	10.76	128	64733	0.394	ng	99
10) Hexachlorobutadiene	11.04	225	2475	0.406	ng	99
12) 2-Methylnaphthalene	12.36	142	10878	0.400	ng	97
16) Acenaphthylene	14.24	152	16712	0.426	ng	# 87
17) Acenaphthene	14.58	154	10854	0.392	ng	100
18) Fluorene	15.56	166	14124	0.382	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	2263	0.415	ng	91
21) Hexachlorobenzene	16.58	284	2539	0.462	ng	# 100
22) Pentachlorophenol	16.91	266	1944	0.703	ng	95
24) Anthracene	17.37	178	38820	0.716	ng	# 91
26) Fluoranthene	19.30	202	26693	0.423	ng	99
28) Pyrene	19.66	202	28004	0.409	ng	# 99
30) Benzo(a)anthracene	21.39	228	27671	0.445	ng	95
31) Chrysene	21.45	228	27271	0.393	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	75765	0.893	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.55	276	26990	0.429	ng	95
35) Benzo(b)fluoranthene	23.14	252	26578	0.389	ng	97
36) Benzo(k)fluoranthene	23.19	252	25683	0.368	ng	95
37) Benzo(a)pyrene	23.80	252	24657	0.399	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	22954	0.384	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	23111	0.382	ng	93

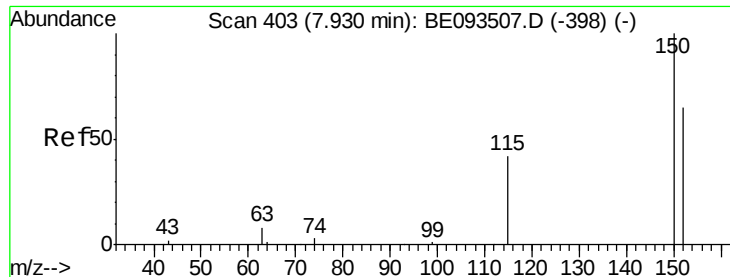
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
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QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

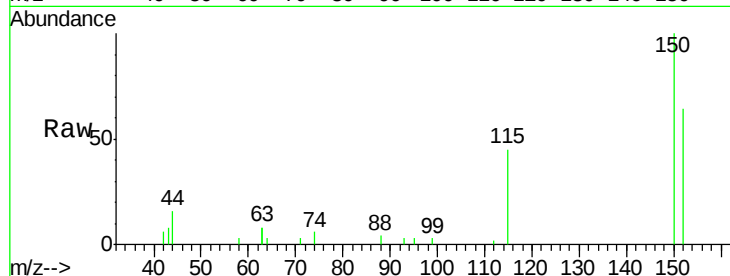
Tgt Ion:152 Resp: 2757

Ion Ratio Lower Upper

152 100

150 156.8 125.1 187.7

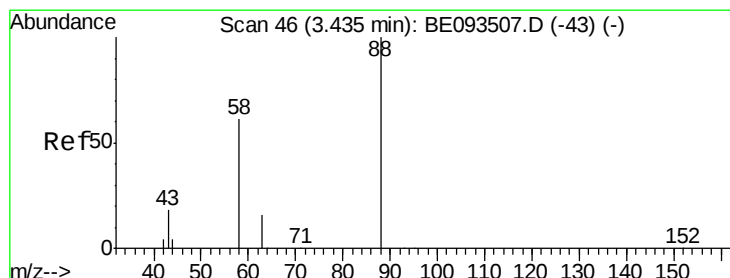
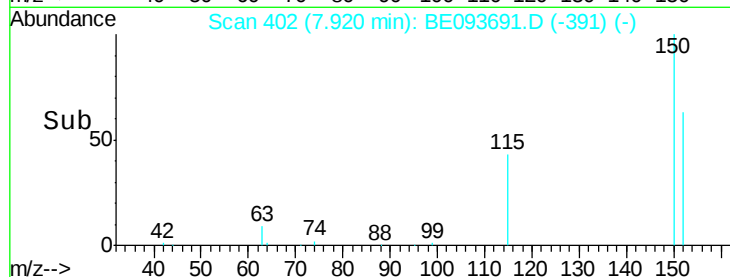
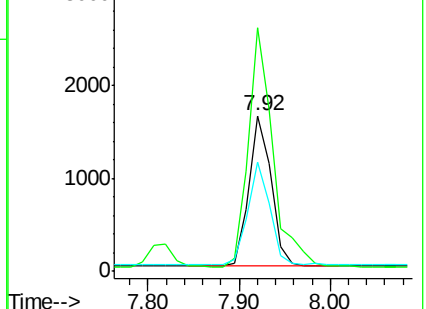
115 70.3 55.7 83.5



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: 0.368 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

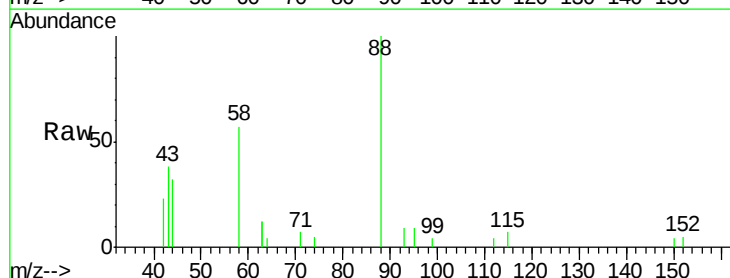
Tgt Ion: 88 Resp: 1643

Ion Ratio Lower Upper

88 100

58 82.2 62.2 93.4

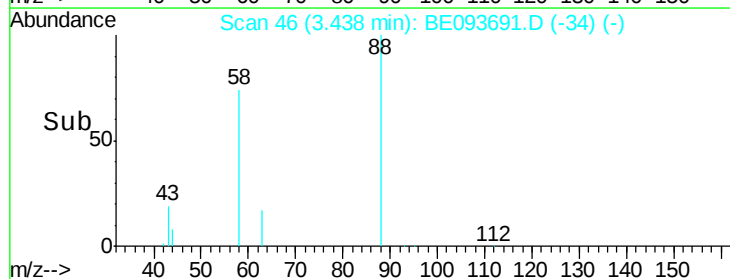
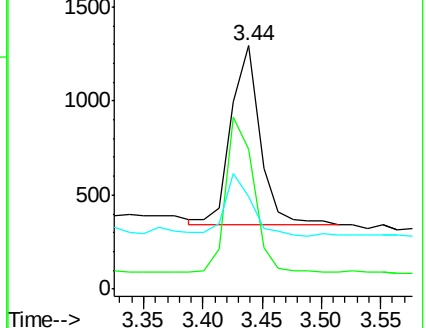
43 31.6 23.2 34.8

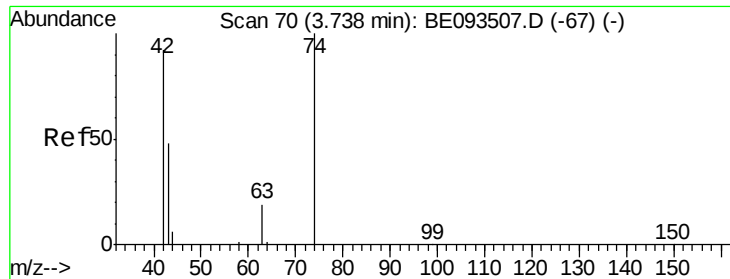


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.418 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

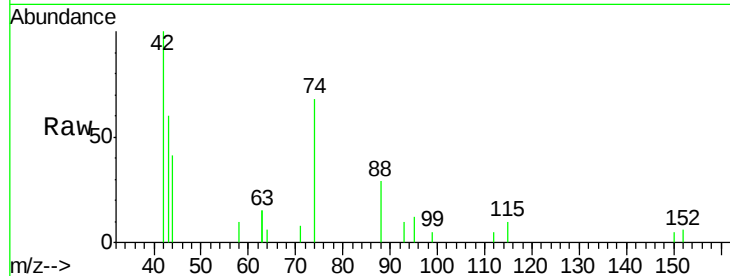
Tgt Ion: 42 Resp: 1750

Ion Ratio Lower Upper

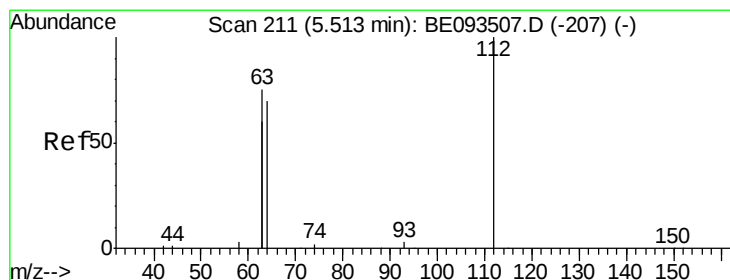
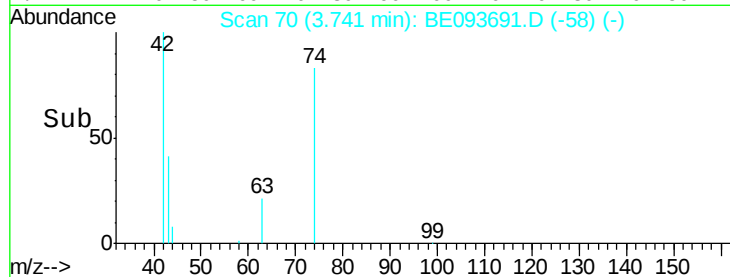
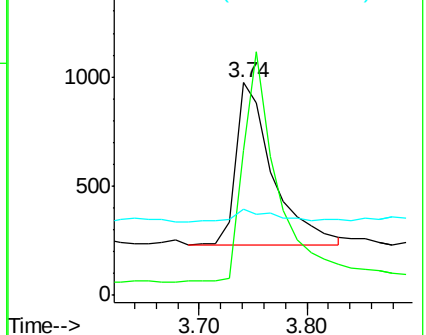
42 100

74 134.5 99.1 148.7

44 9.3 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: 0.448 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

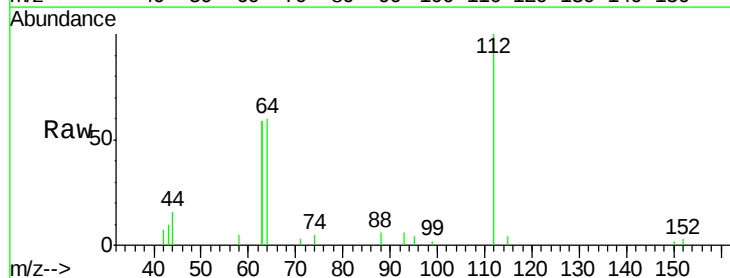
Tgt Ion: 112 Resp: 3677

Ion Ratio Lower Upper

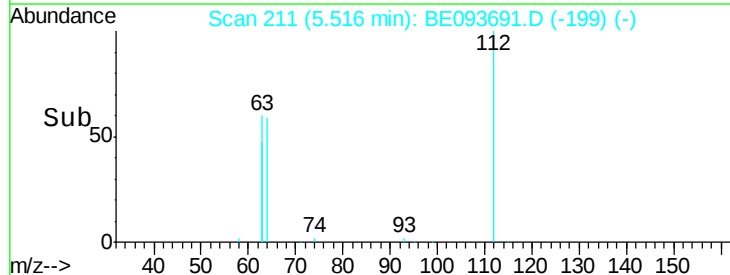
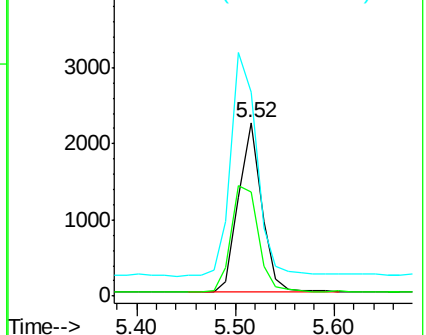
112 100

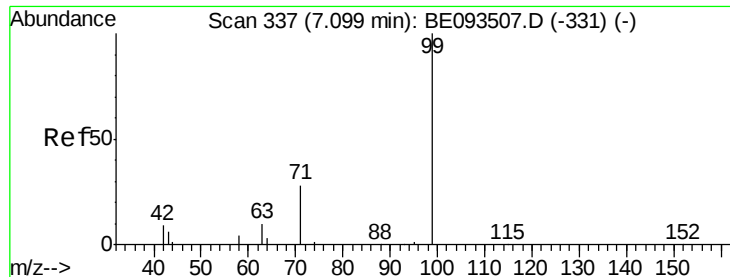
64 72.2 56.4 84.6

63 145.7 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: 0.458 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

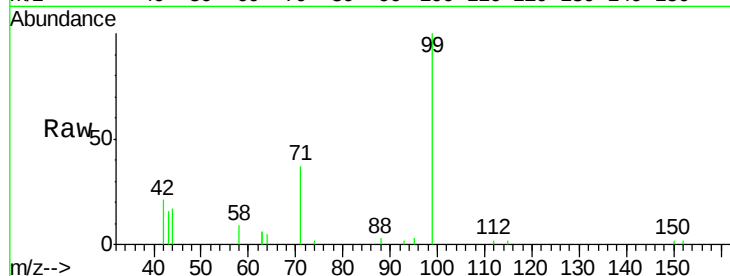
Tgt Ion: 99 Resp: 5663

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

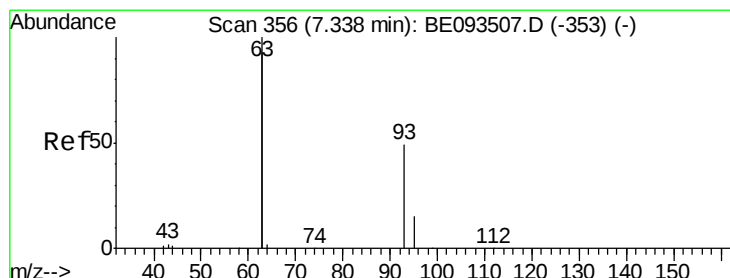
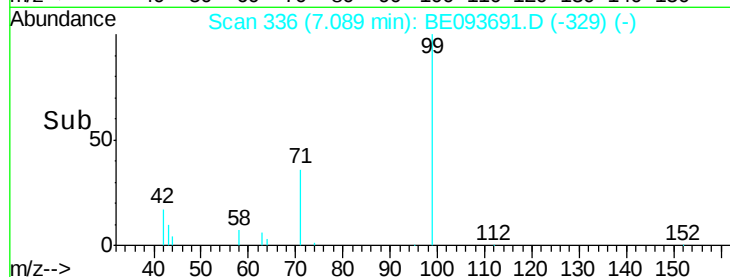
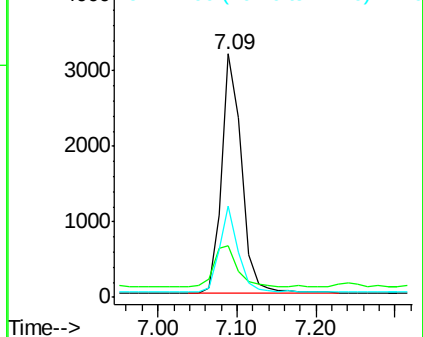
71 33.9 0.0 0.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

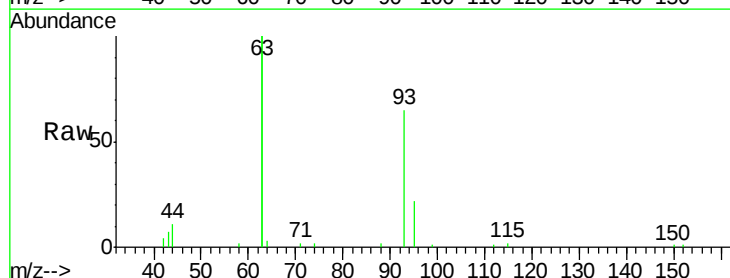
Tgt Ion: 93 Resp: 4198

Ion Ratio Lower Upper

93 100

63 354.6 0.0 0.0#

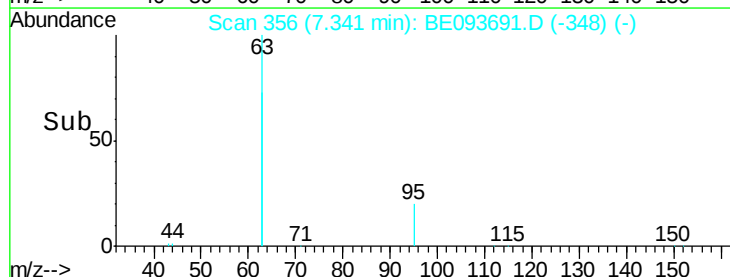
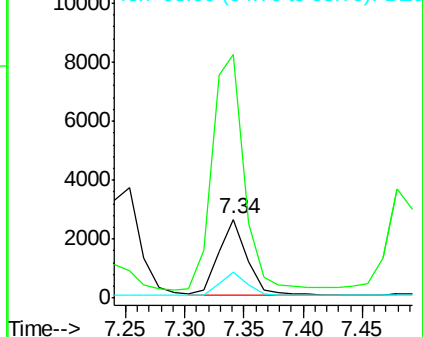
95 32.5 25.4 38.0

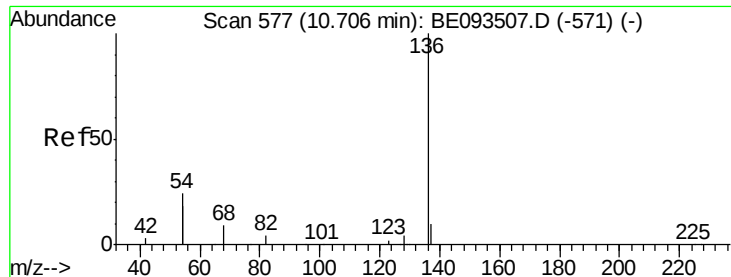


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 14203

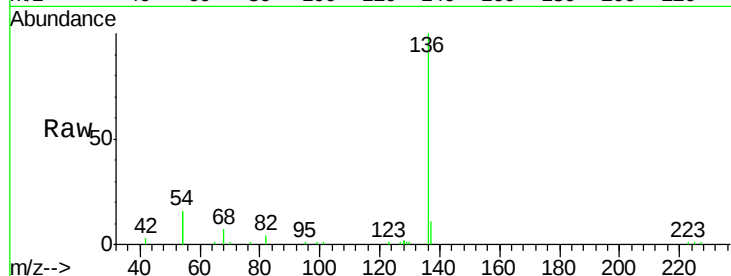
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 31.1 10.3 15.5#

68 6.7 9.0 13.4#

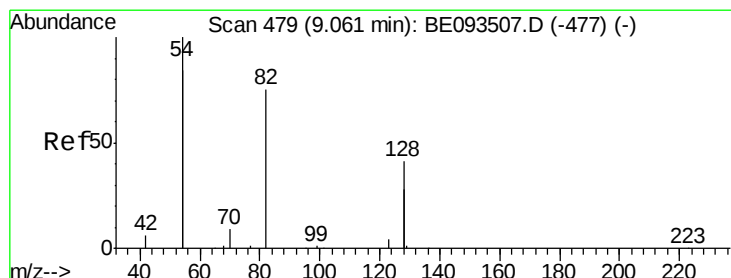
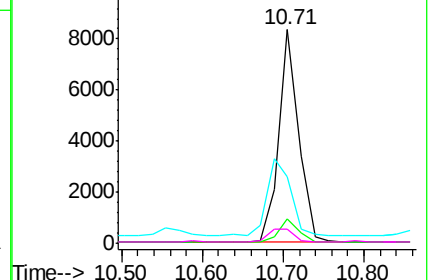
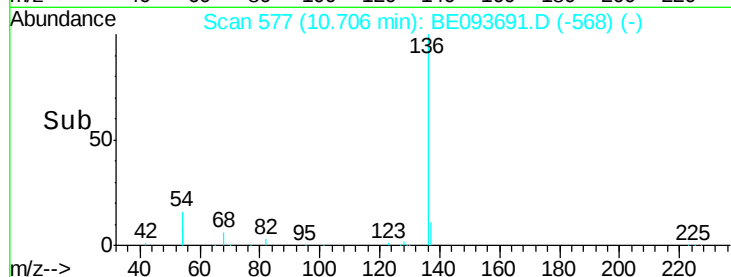


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.451 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

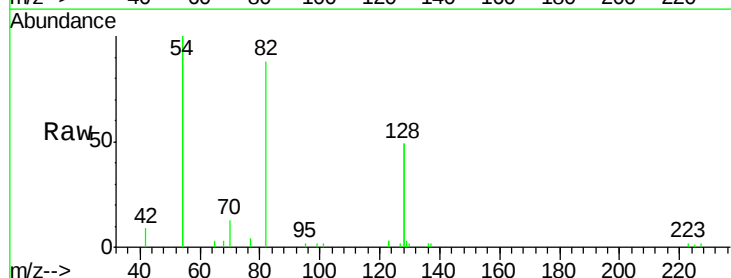
Tgt Ion: 82 Resp: 4889

Ion Ratio Lower Upper

82 100

128 110.4 17.0 25.4#

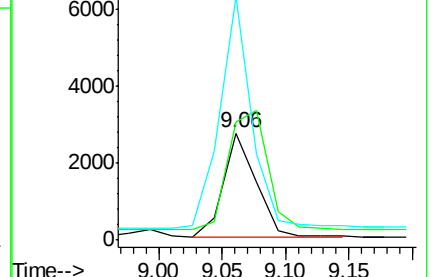
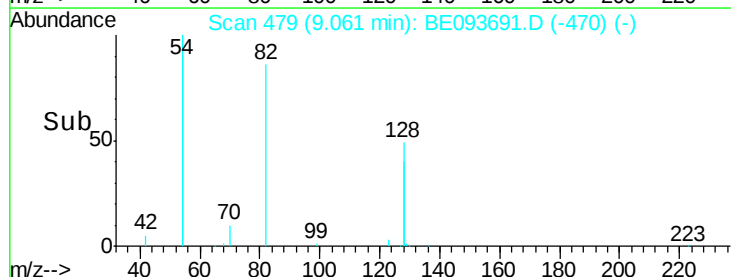
54 227.3 53.8 80.6#

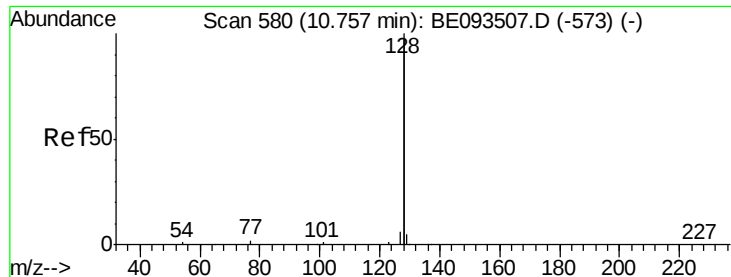


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

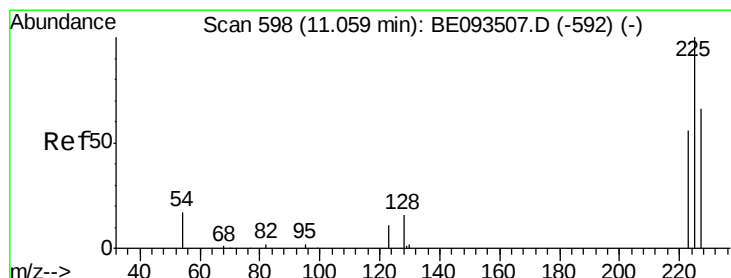
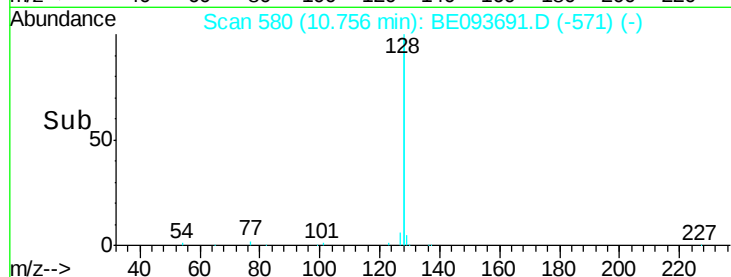
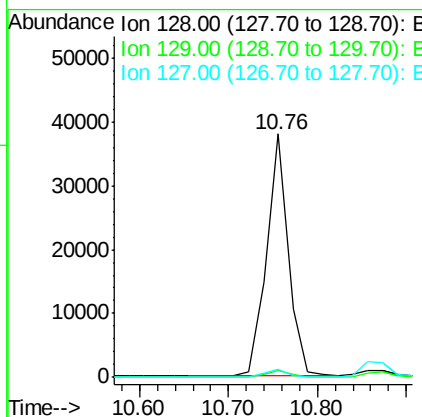
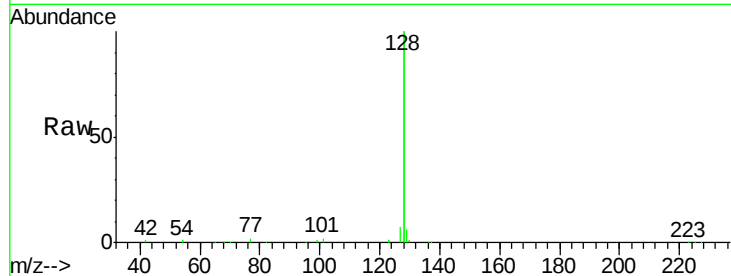




#9
Naphthalene
Concen: 0.394 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

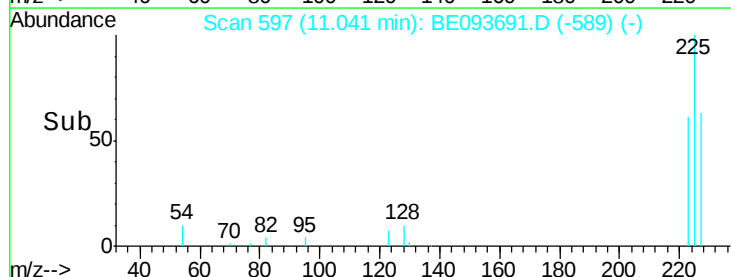
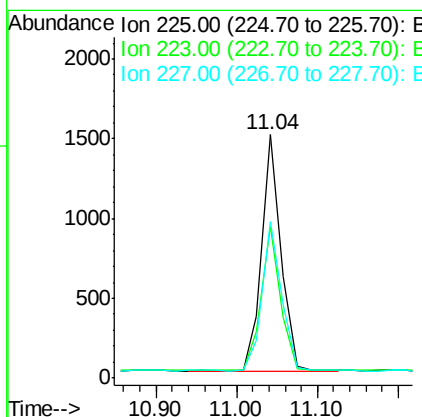
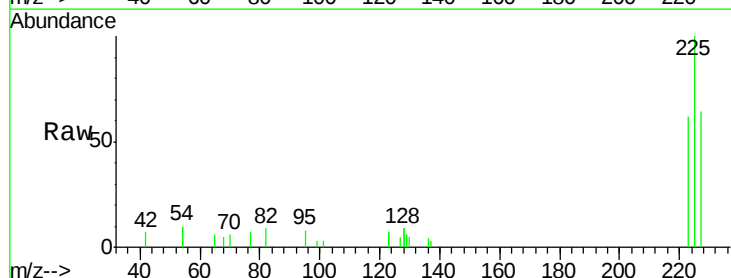
Instrument :
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SSTDCCC0.4EC

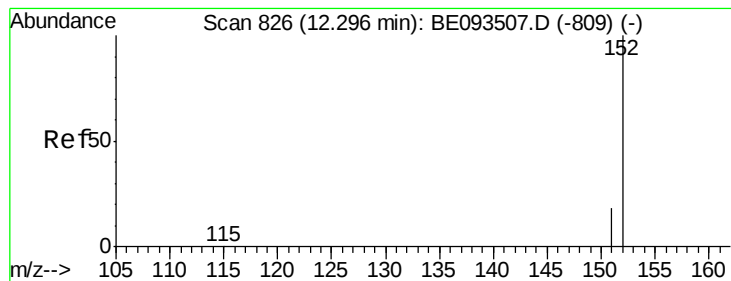
Tgt Ion:128 Resp: 64733
Ion Ratio Lower Upper
128 100
129 2.8 2.4 3.6
127 3.3 2.4 3.6



#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.02 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Tgt Ion:225 Resp: 2475
Ion Ratio Lower Upper
225 100
223 61.4 49.7 74.5
227 63.3 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

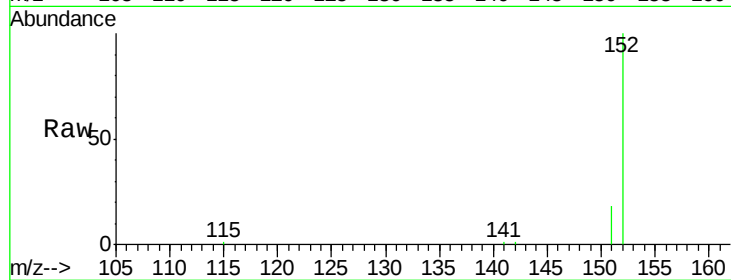
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9161

Ion Ratio Lower Upper

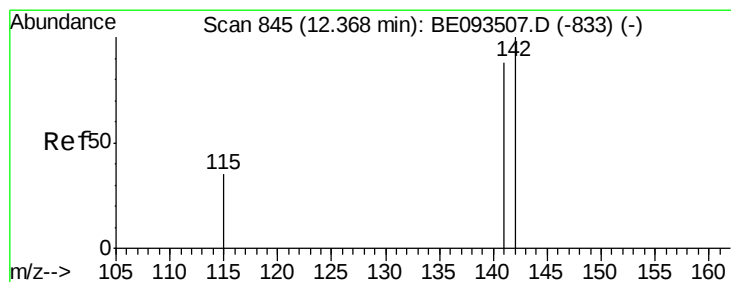
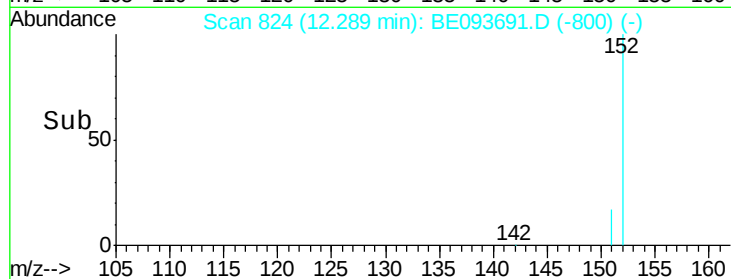
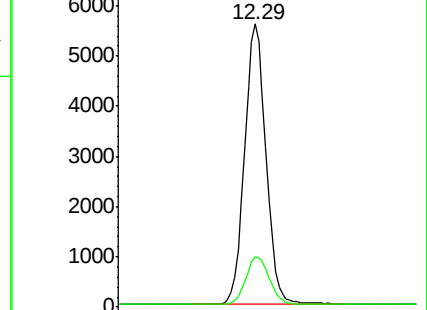
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

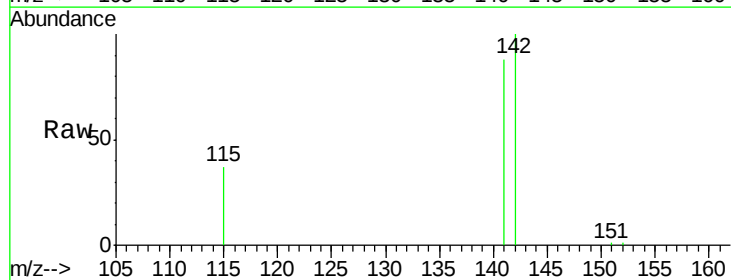
Tgt Ion:142 Resp: 10878

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

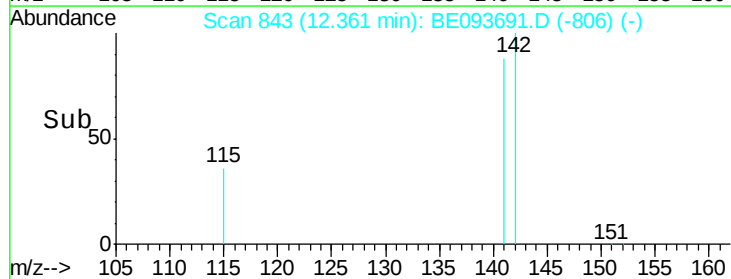
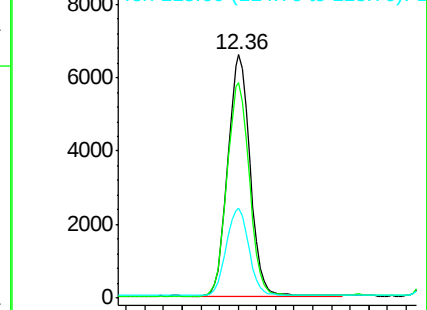
115 36.8 32.2 48.2

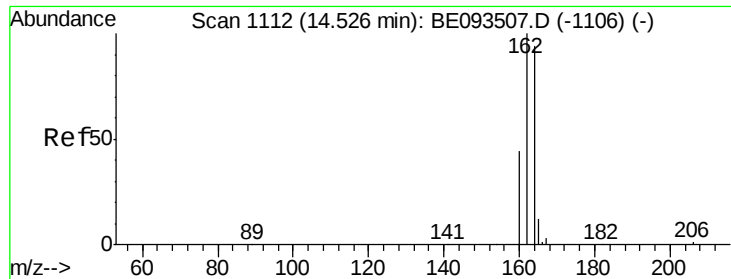


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

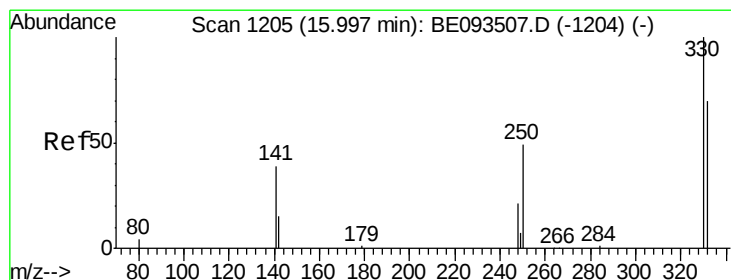
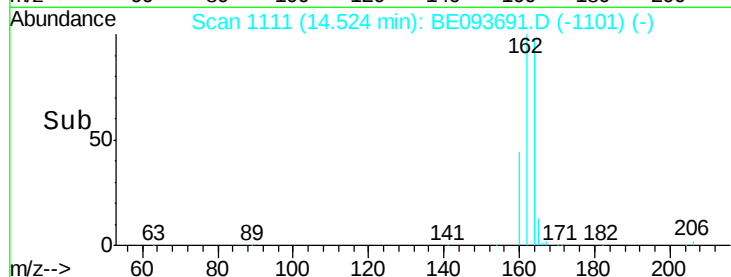
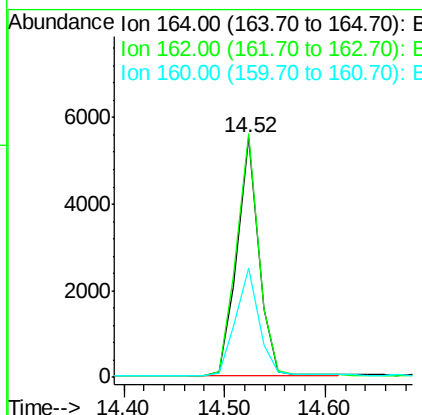
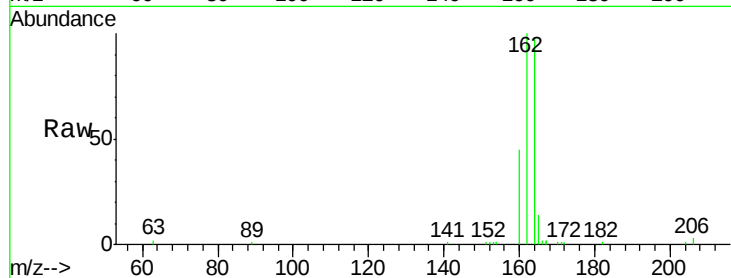




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

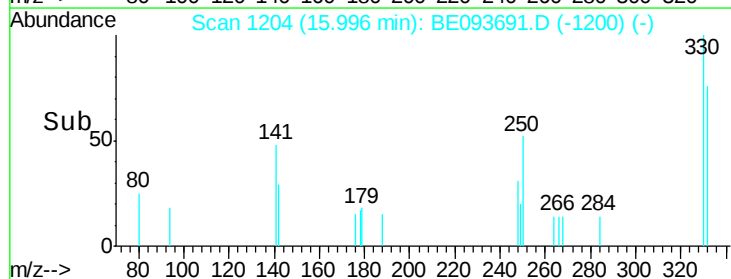
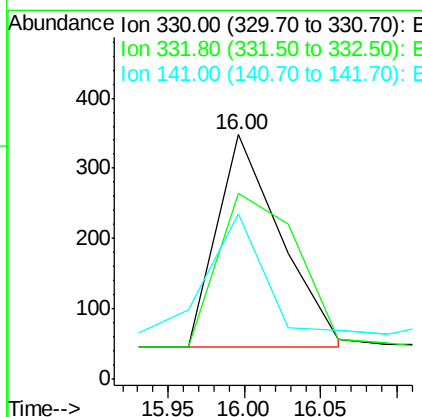
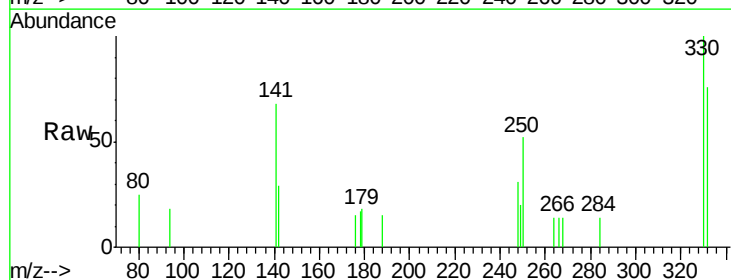
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

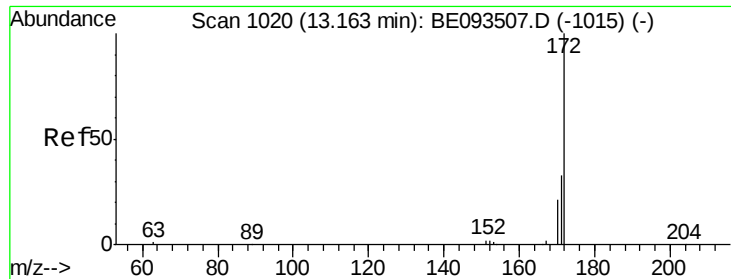
Tgt Ion:164 Resp: 8206
 Ion Ratio Lower Upper
 164 100
 162 101.6 84.6 127.0
 160 45.6 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 16.00 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

Tgt Ion:330 Resp: 876
 Ion Ratio Lower Upper
 330 100
 332 90.4 77.7 116.5
 141 47.6 56.2 84.4#

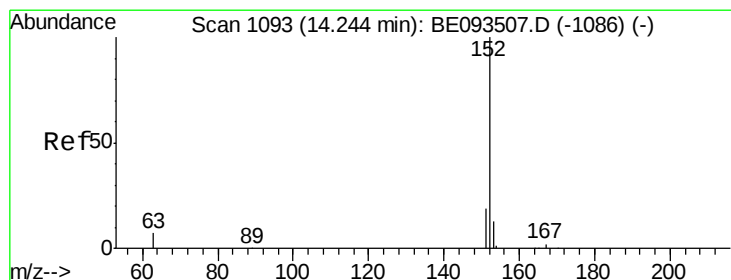
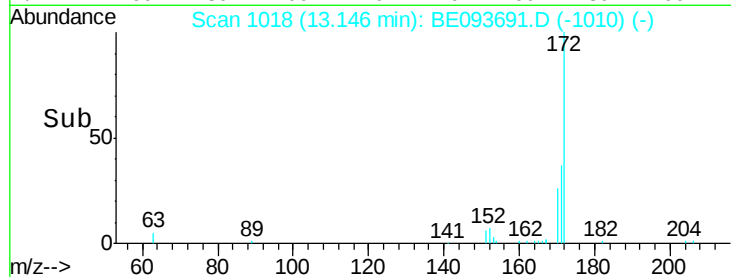
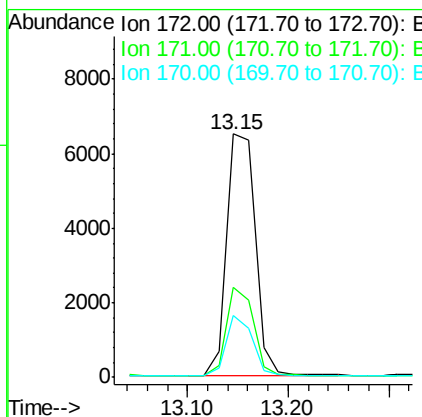
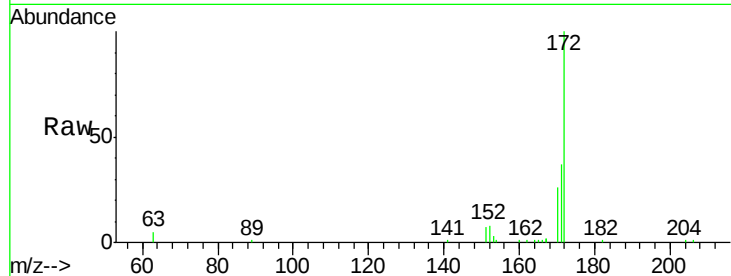




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

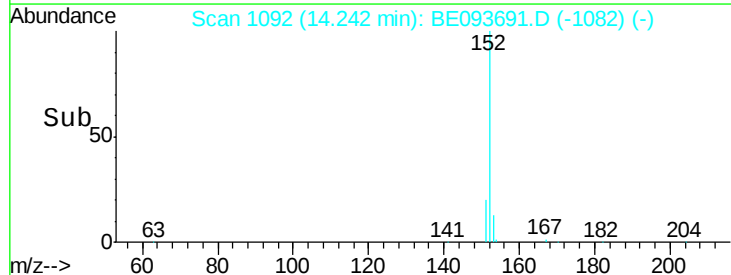
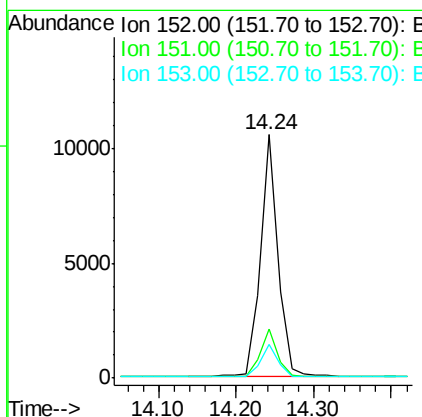
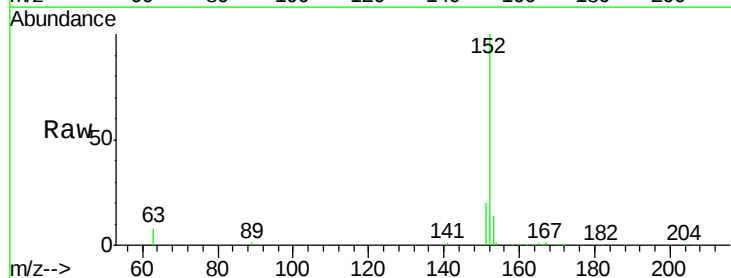
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

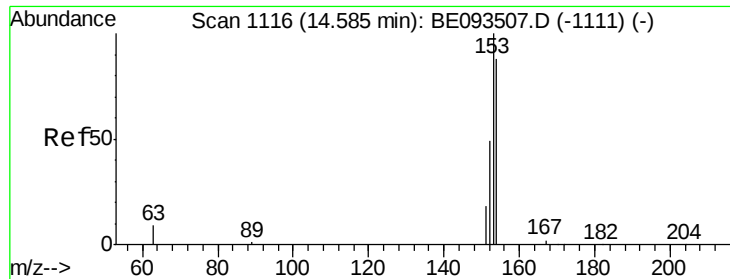
Tgt Ion:172 Resp: 12871
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Tgt Ion:152 Resp: 16712
Ion Ratio Lower Upper
152 100
151 19.6 4.0 6.0#
153 13.1 10.3 15.5

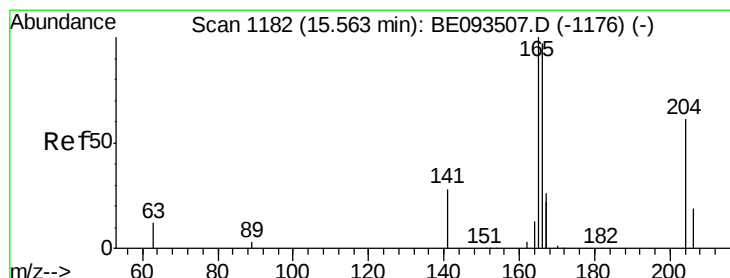
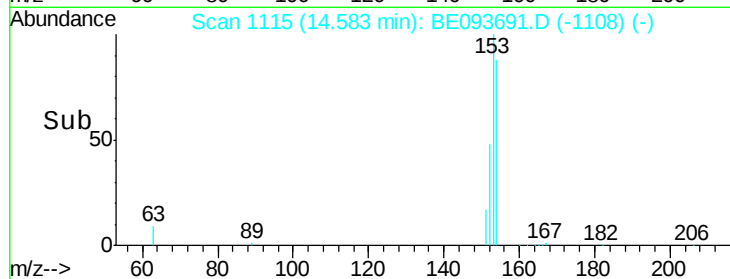
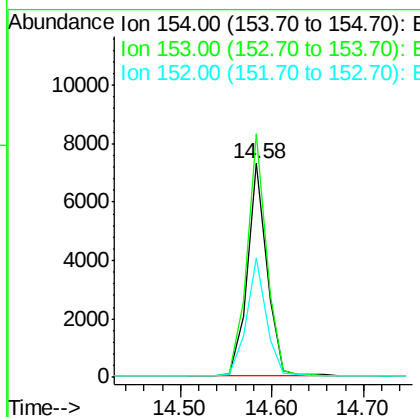
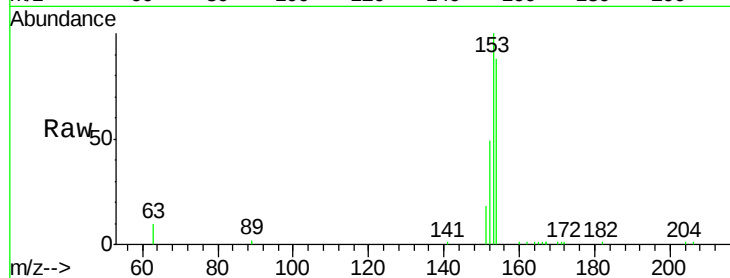




#17
Acenaphthene
Concen: 0.392 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

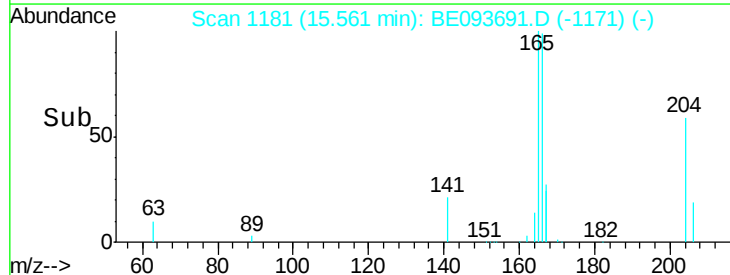
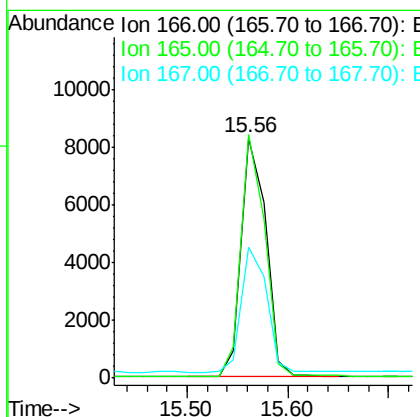
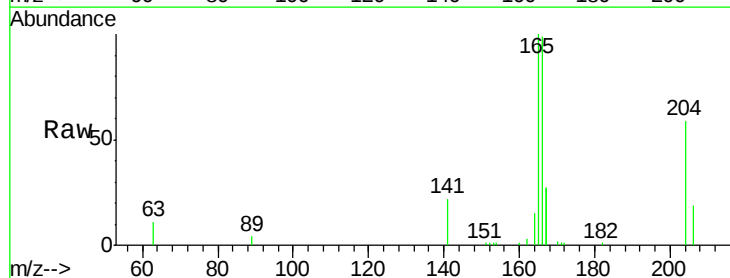
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

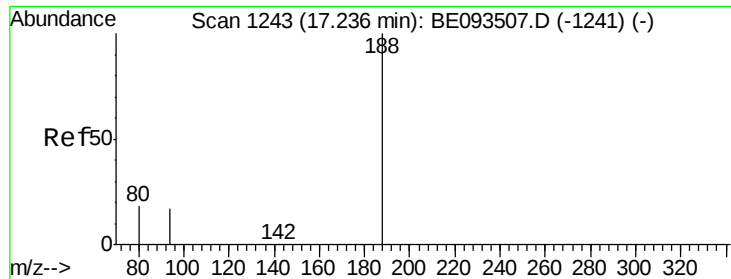
Tgt Ion:154 Resp: 10854
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 55.4 44.8 67.2



#18
Fluorene
Concen: 0.382 ng
RT: 15.56 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Tgt Ion:166 Resp: 14124
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 53.4 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

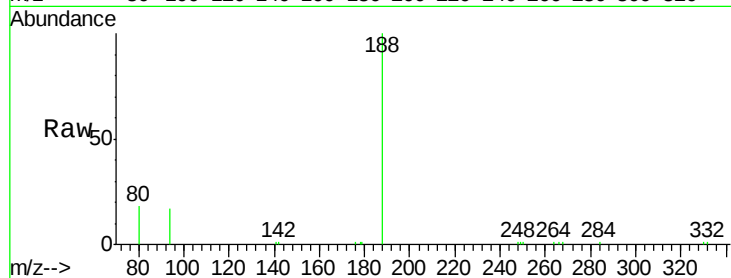
Tgt Ion:188 Resp: 18035

Ion Ratio Lower Upper

188 100

94 16.9 11.3 16.9#

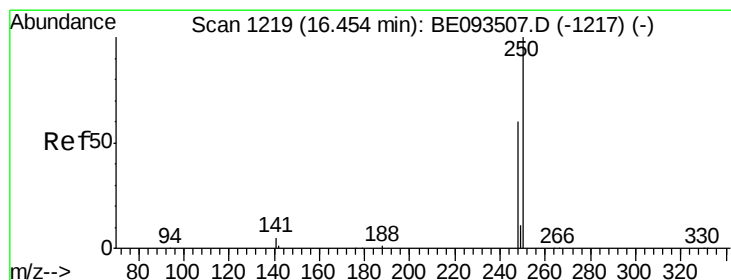
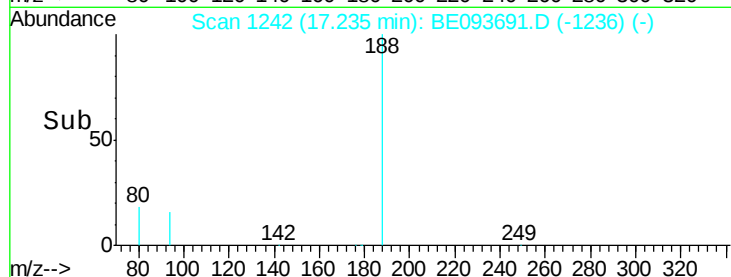
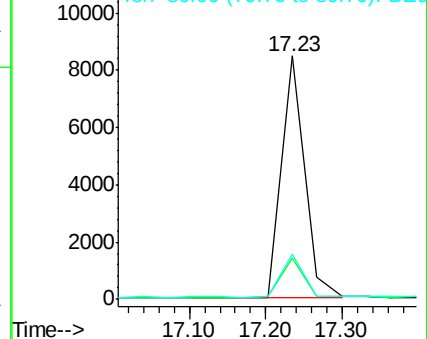
80 18.5 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

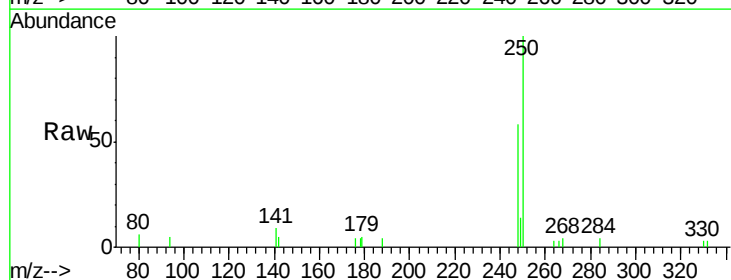
Tgt Ion:248 Resp: 2263

Ion Ratio Lower Upper

248 100

250 172.8 128.0 192.0

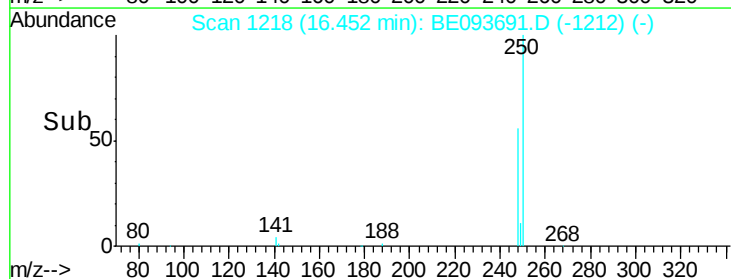
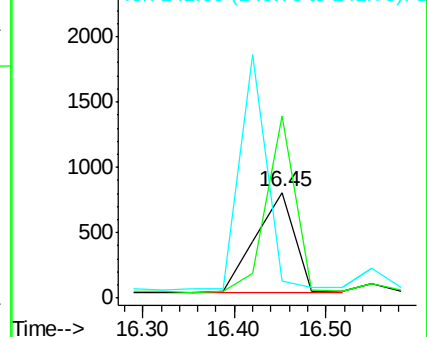
141 15.9 12.0 18.0

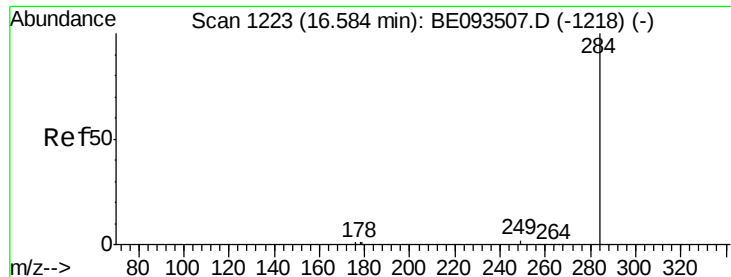


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.462 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

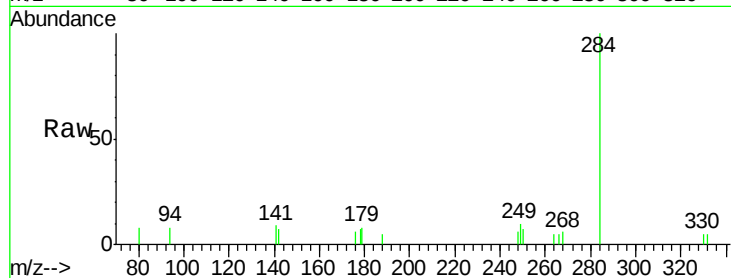
Tgt Ion: 284 Resp: 2539

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

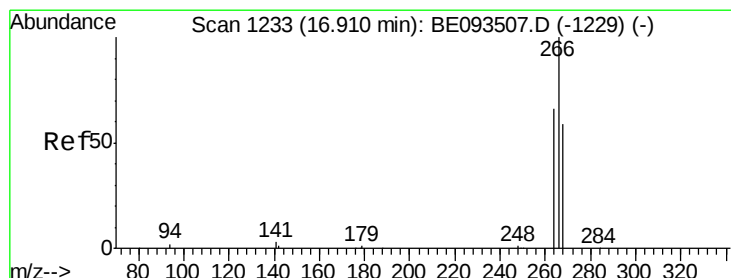
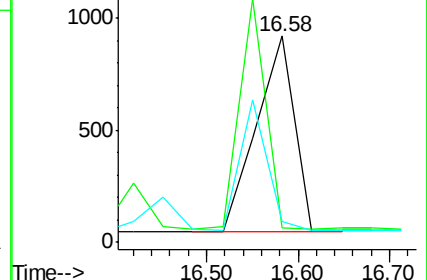
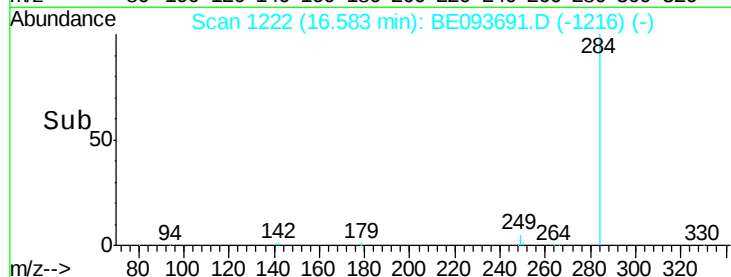
249 0.0 0.0 0.0



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: 0.703 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

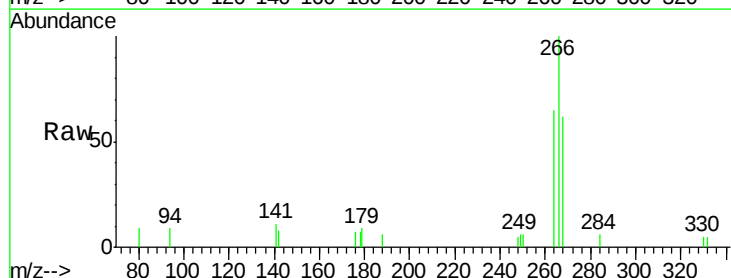
Tgt Ion: 266 Resp: 1944

Ion Ratio Lower Upper

266 100

264 64.5 56.0 84.0

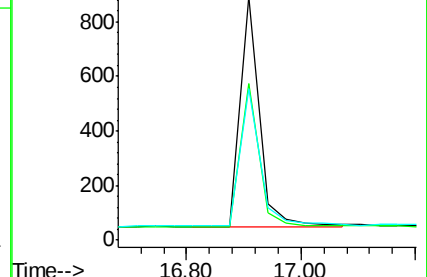
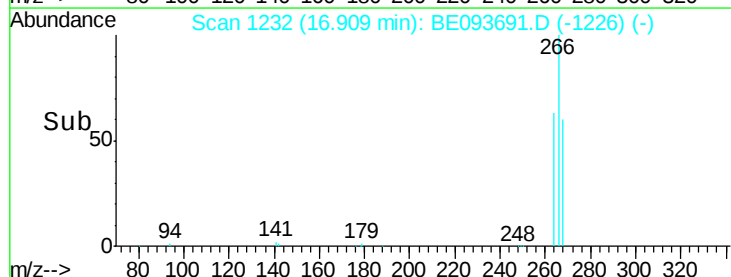
268 62.2 52.0 78.0

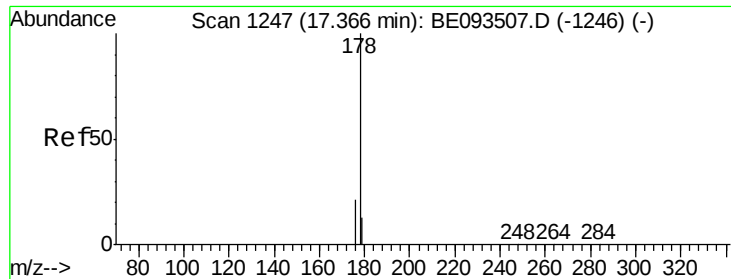


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.716 ng

RT: 17.37 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

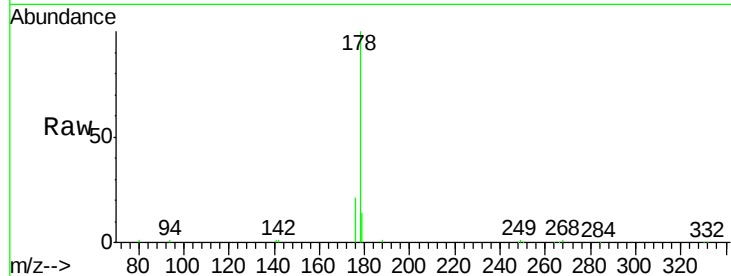
Tgt Ion:178 Resp: 38820

Ion Ratio Lower Upper

178 100

176 12.0 14.6 22.0#

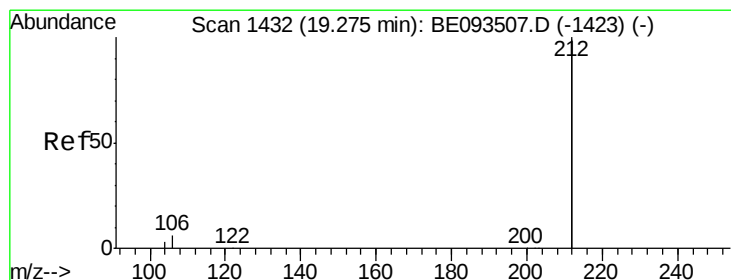
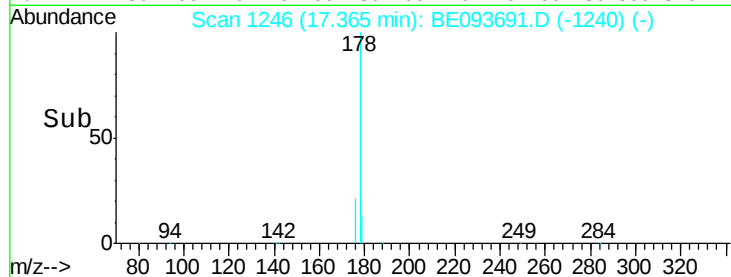
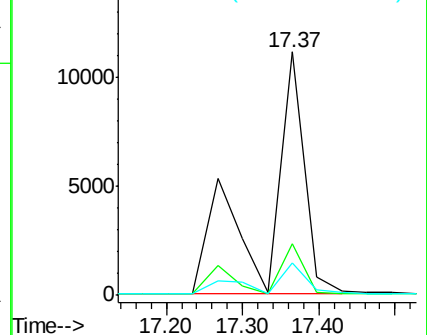
179 13.8 12.0 18.0



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: 0.436 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

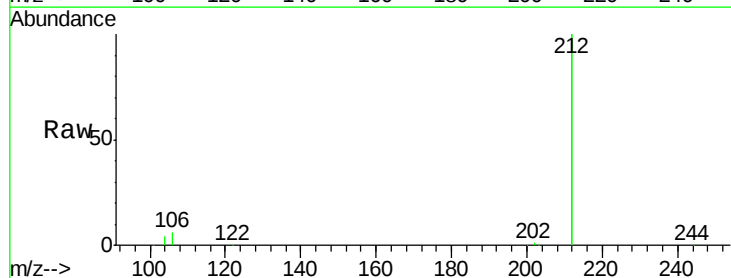
Tgt Ion:212 Resp: 89175

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

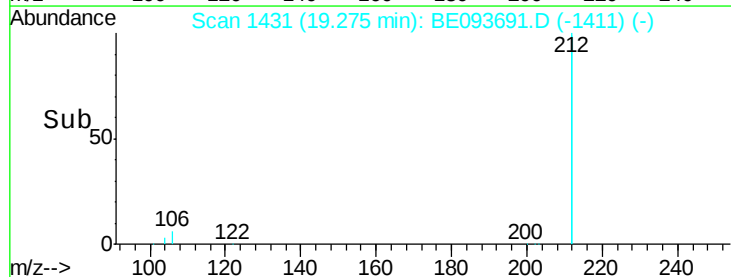
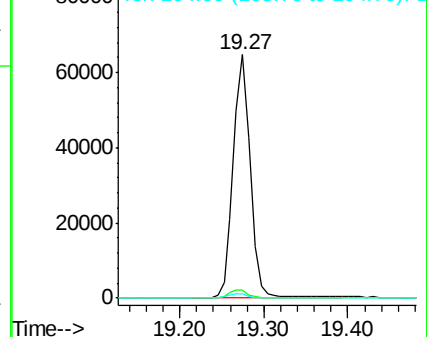
104 1.9 1.6 2.4

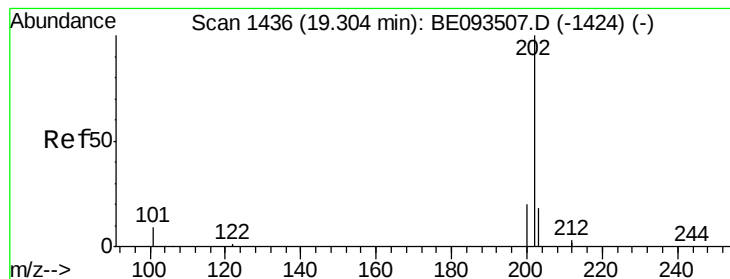


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.423 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

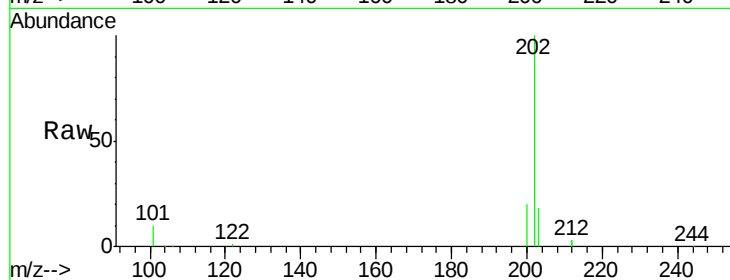
Tgt Ion:202 Resp: 26693

Ion Ratio Lower Upper

202 100

101 12.2 9.6 14.4

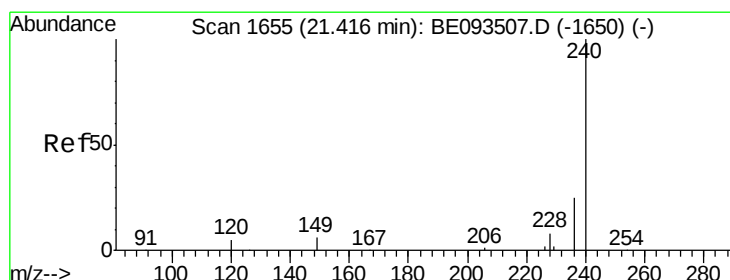
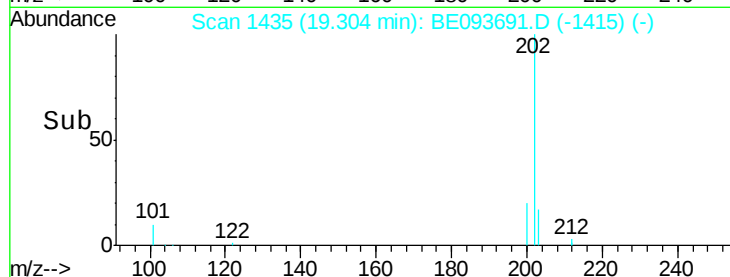
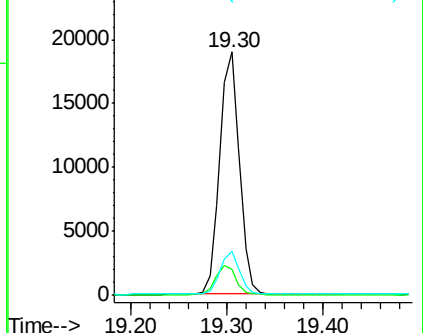
203 17.1 14.4 21.6



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: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

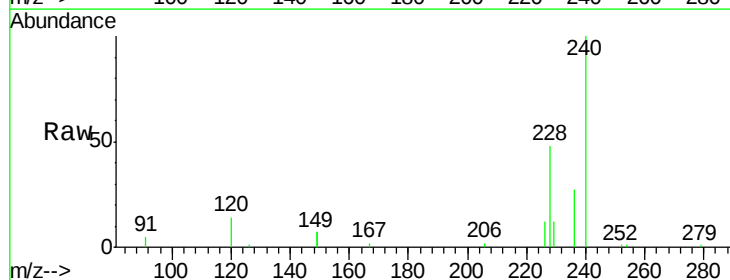
Tgt Ion:240 Resp: 21175

Ion Ratio Lower Upper

240 100

120 14.4 4.6 7.0#

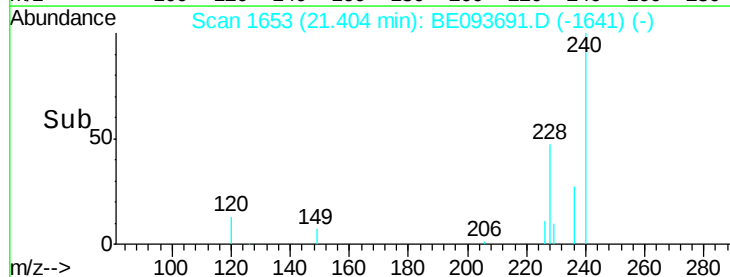
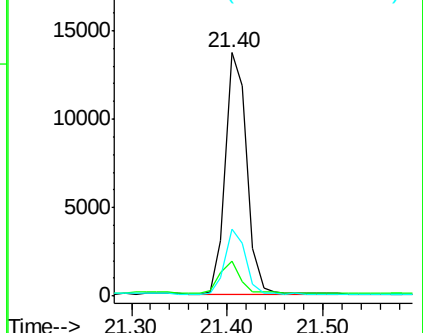
236 27.3 20.8 31.2

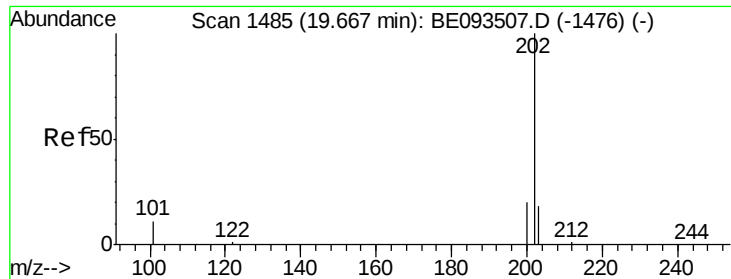


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

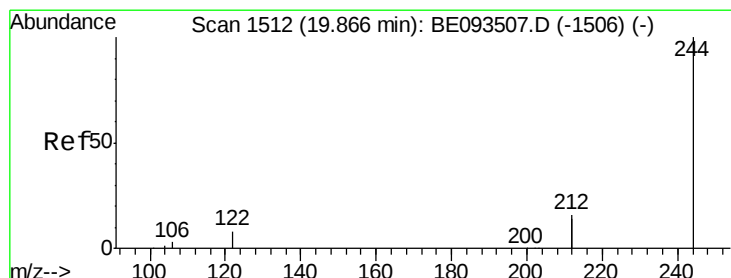
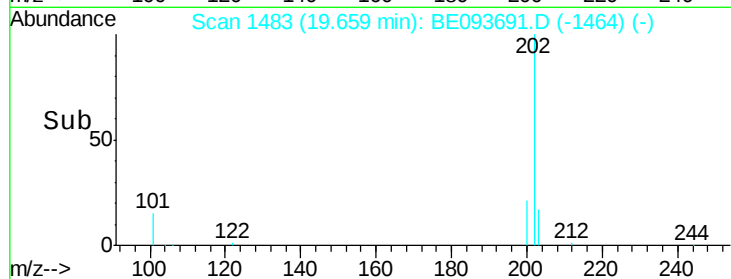
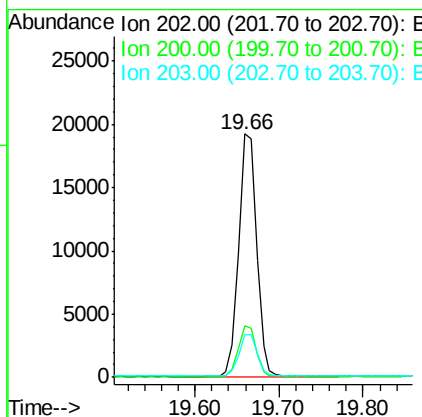
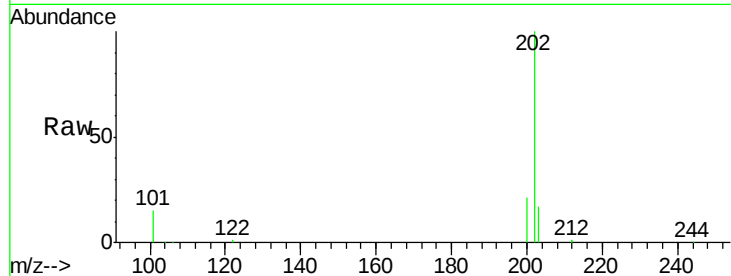




#28
Pyrene
Concen: 0.409 ng
RT: 19.66 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

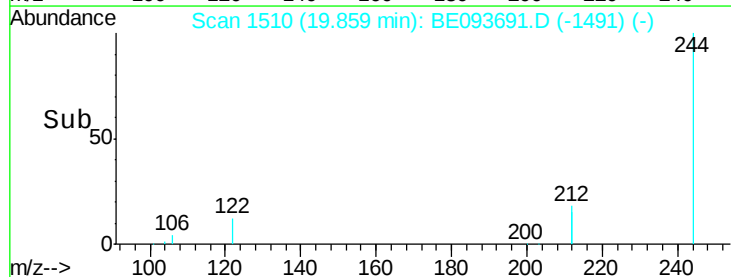
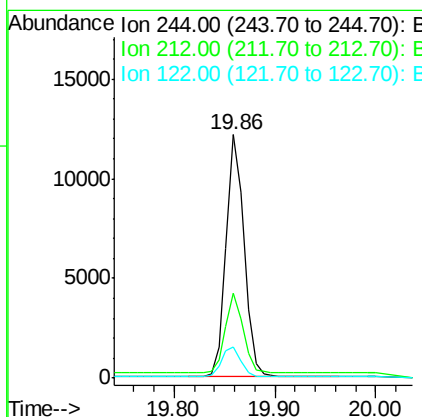
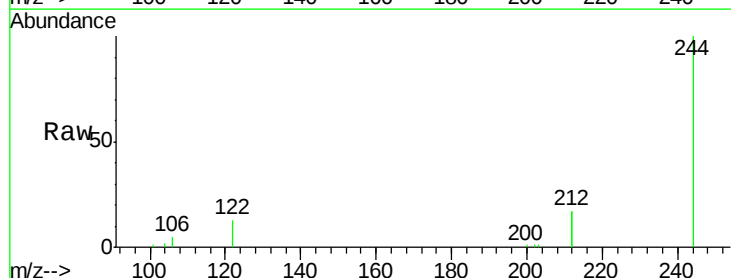
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

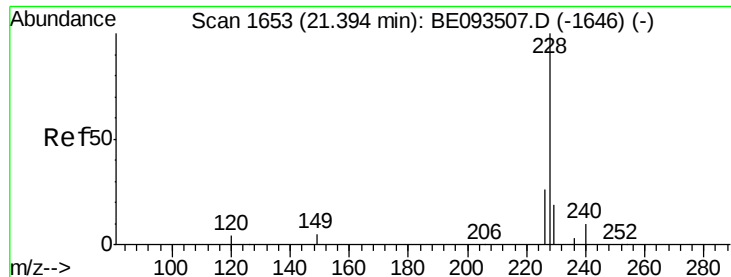
Tgt Ion: 202 Resp: 28004
Ion Ratio Lower Upper
202 100
200 20.6 0.0 0.0#
203 17.5 13.7 20.5



#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.86 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Tgt Ion: 244 Resp: 15118
Ion Ratio Lower Upper
244 100
212 35.0 10.6 16.0#
122 12.6 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.445 ng

RT: 21.39 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

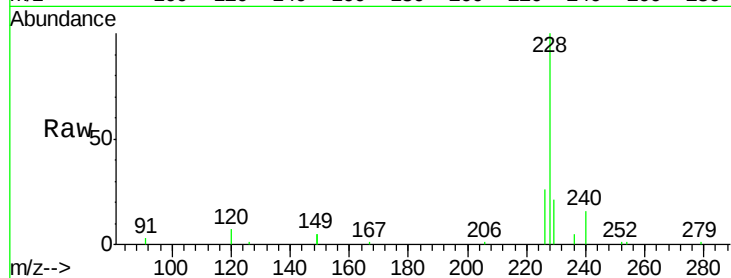
Tgt Ion:228 Resp: 27671

Ion Ratio Lower Upper

228 100

226 26.0 19.7 29.5

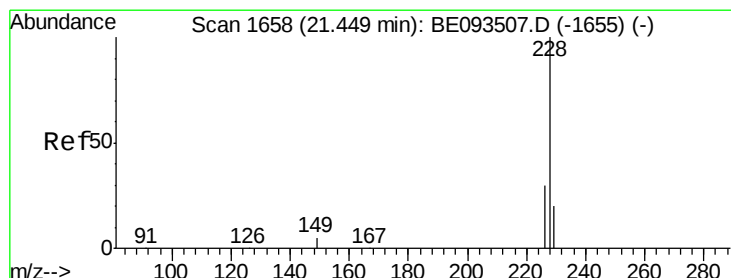
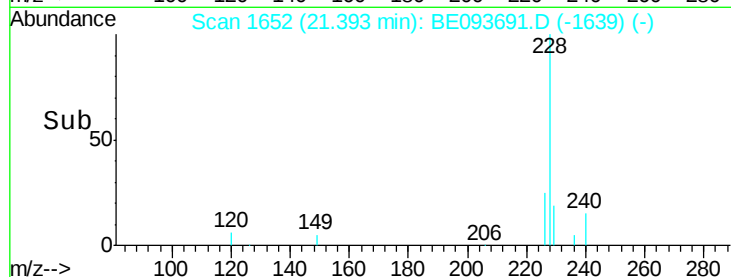
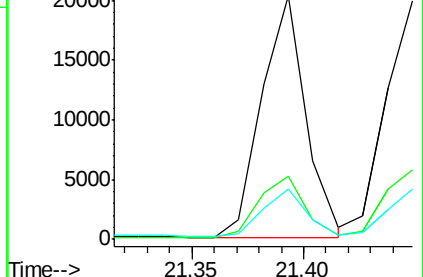
229 20.6 19.2 28.8



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: 0.393 ng

RT: 21.45 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

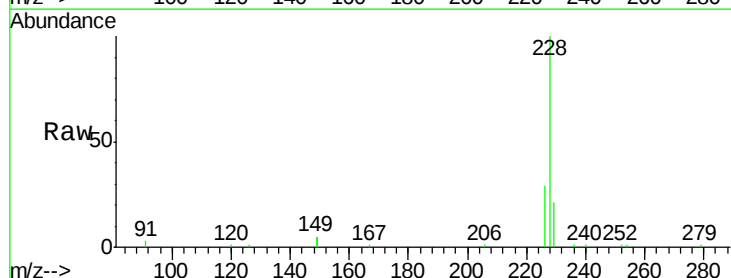
Tgt Ion:228 Resp: 27271

Ion Ratio Lower Upper

228 100

226 29.4 21.5 32.3

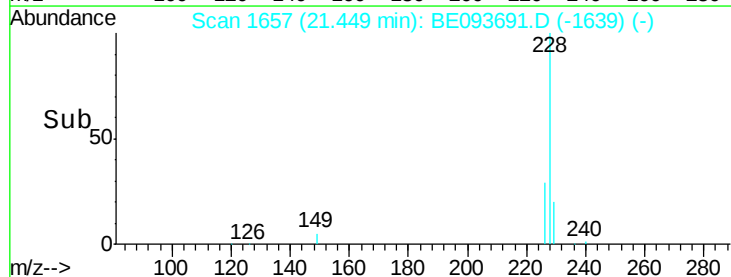
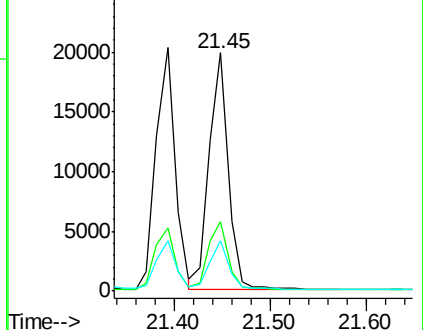
229 20.9 18.6 28.0

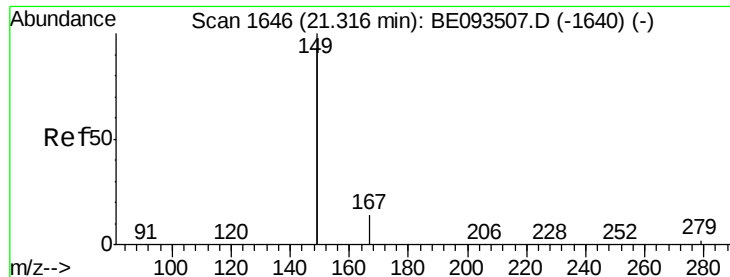


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

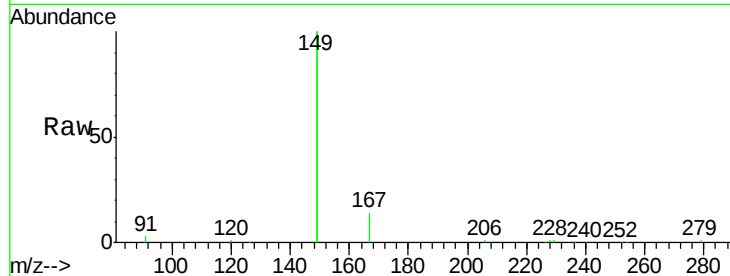




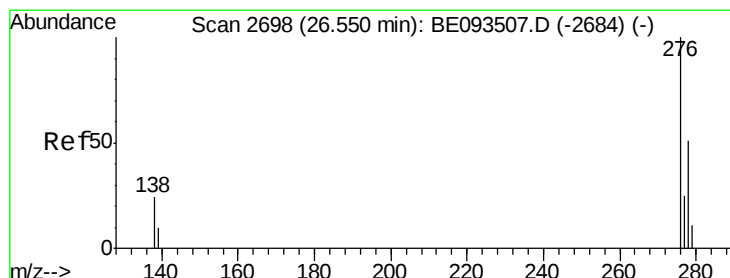
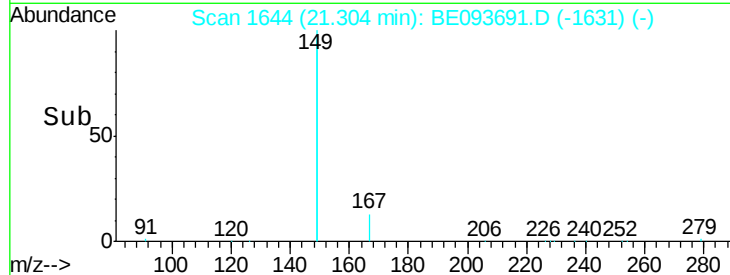
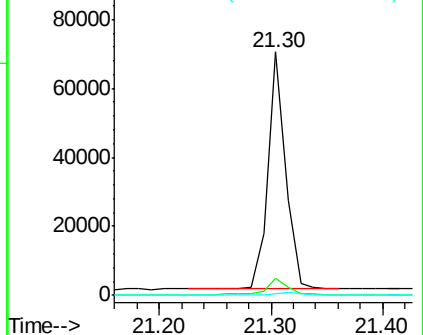
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.893 ng
 RT: 21.30 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:149 Resp: 75765
 Ion Ratio Lower Upper
 149 100
 167 7.8 4.8 7.2#
 279 1.1 0.8 1.2

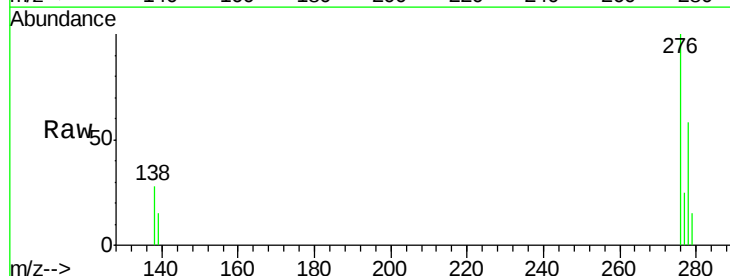


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

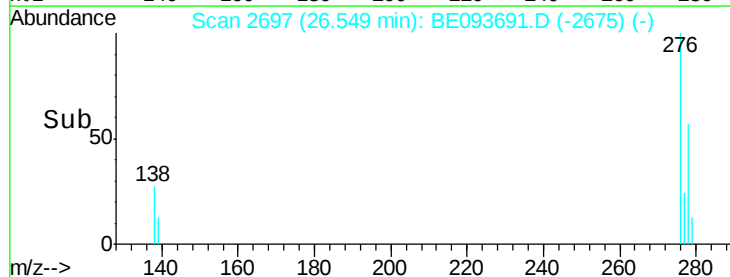
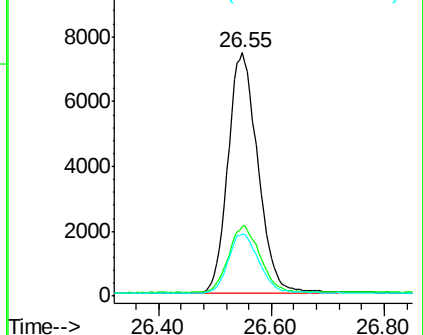


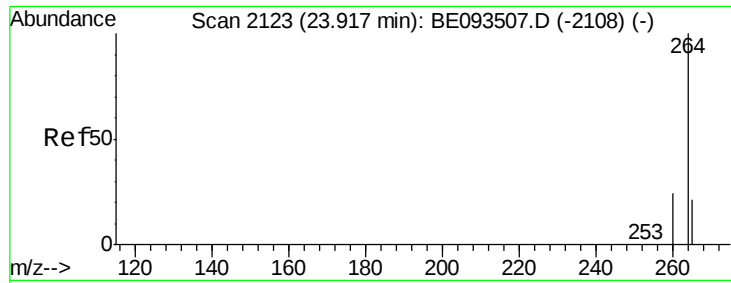
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.429 ng
 RT: 26.55 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

Tgt Ion:276 Resp: 26990
 Ion Ratio Lower Upper
 276 100
 138 29.4 27.4 41.2
 277 24.8 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

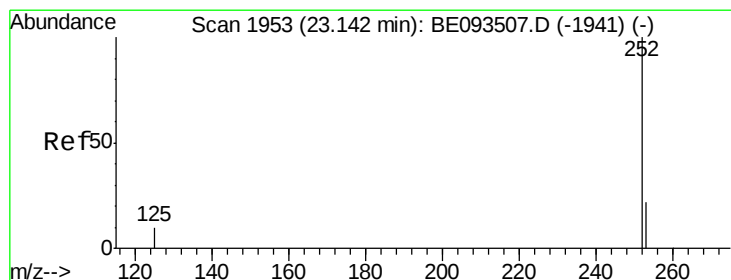
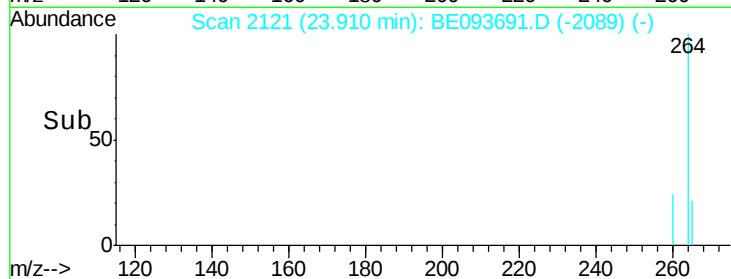
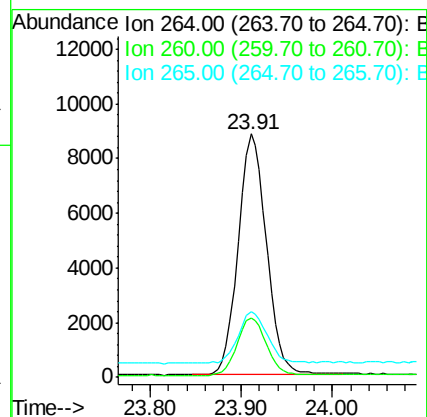
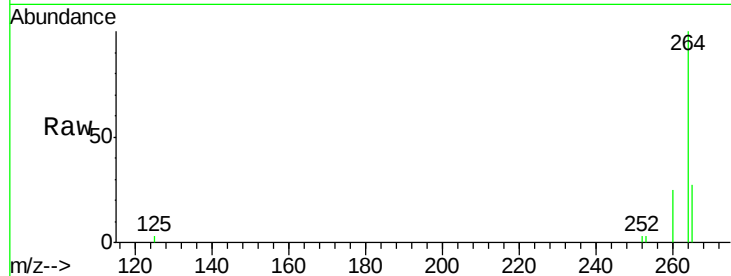




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

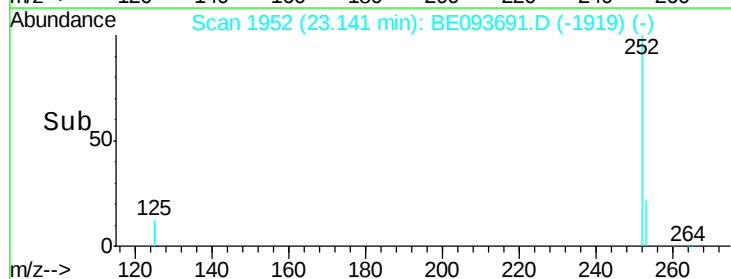
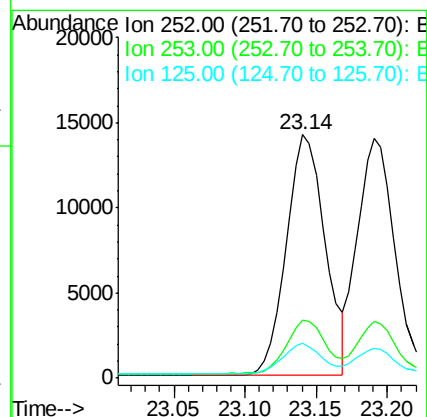
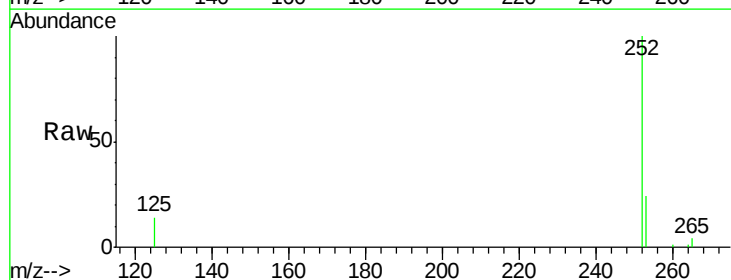
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

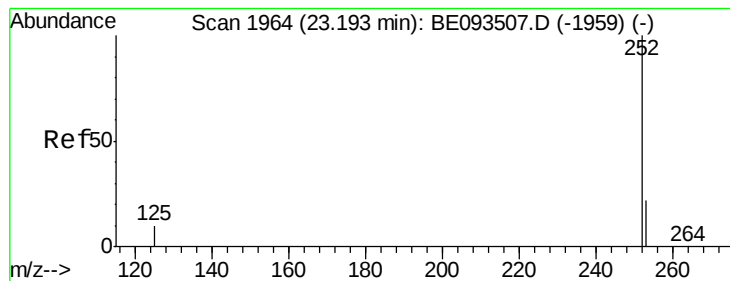
Tgt Ion: 264 Resp: 19134
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.0 31.4
 265 26.8 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.389 ng
 RT: 23.14 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BE093691.D
 Acq: 6 Aug 2017 1:05

Tgt Ion: 252 Resp: 26578
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.5 27.7
 125 14.1 13.4 20.0





#36

Benzo(k)fluoranthene

Concen: 0.368 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

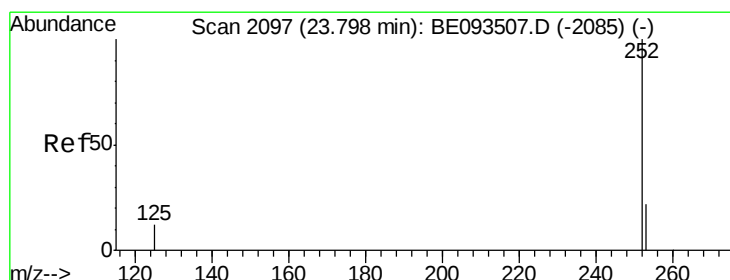
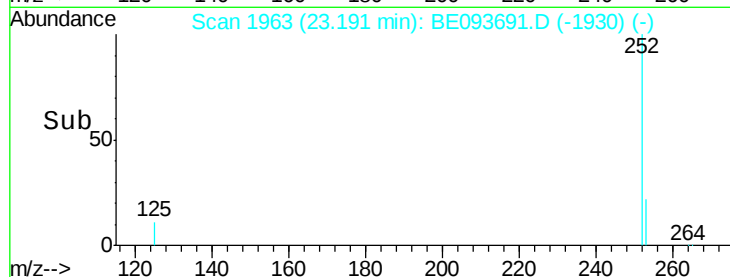
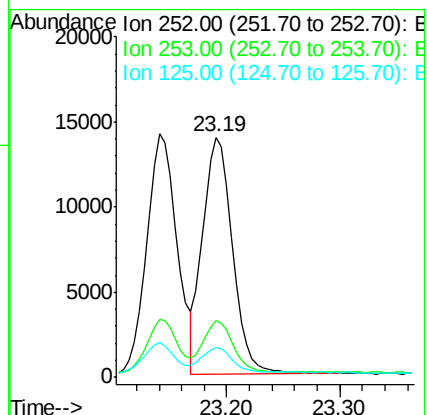
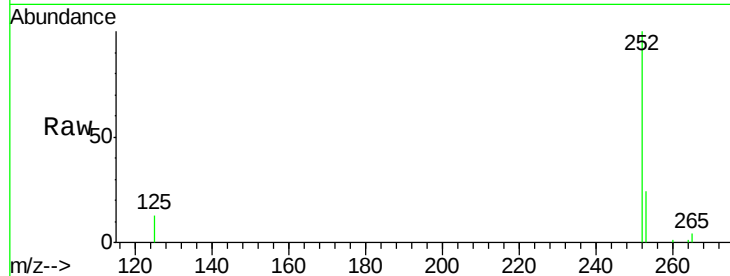
Tgt Ion:252 Resp: 25683

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

125 12.6 12.2 18.4



#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.80 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE093691.D

Acq: 6 Aug 2017 1:05

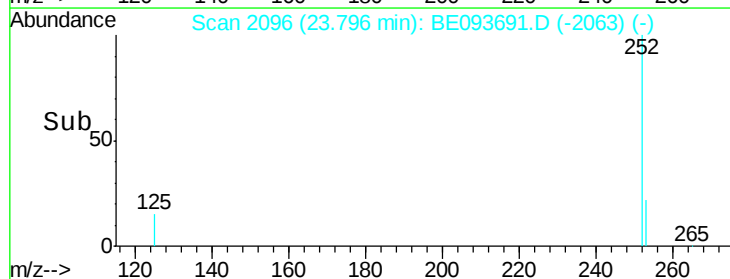
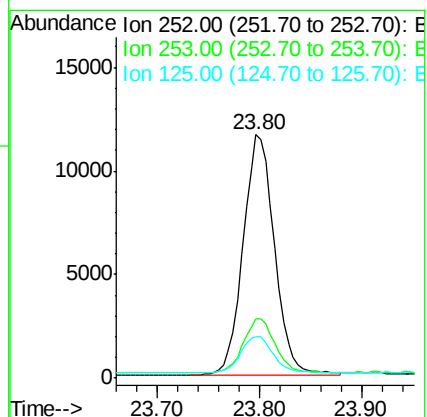
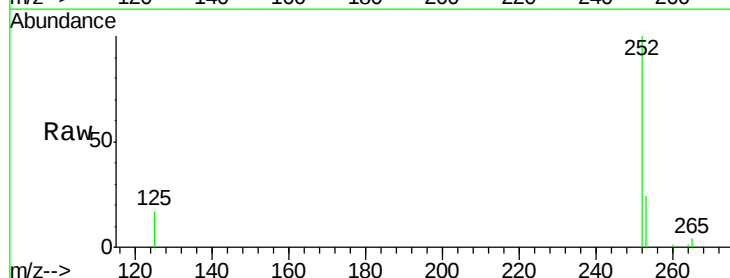
Tgt Ion:252 Resp: 24657

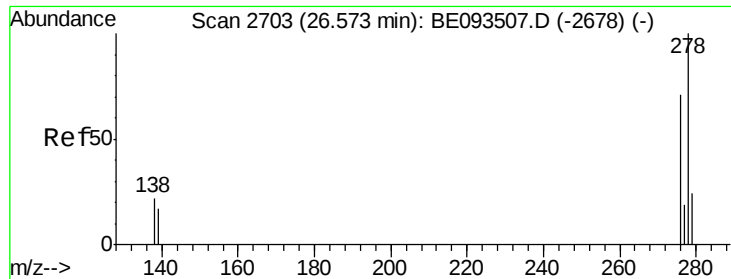
Ion Ratio Lower Upper

252 100

253 24.3 19.9 29.9

125 17.2 14.6 21.8

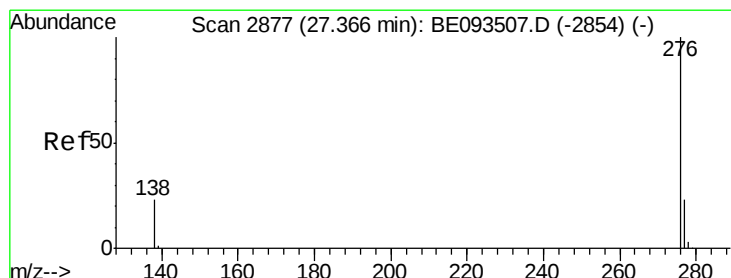
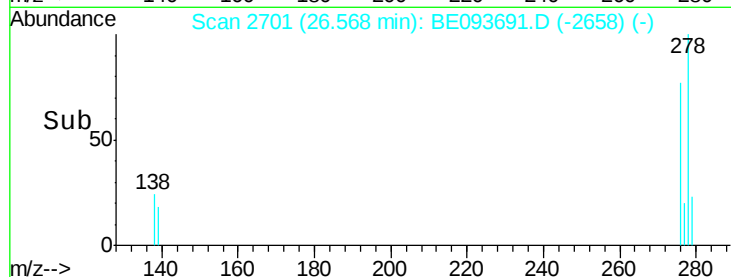
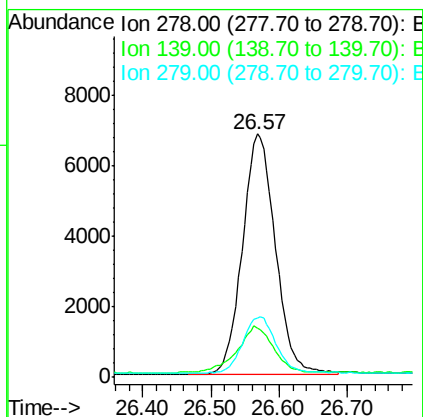
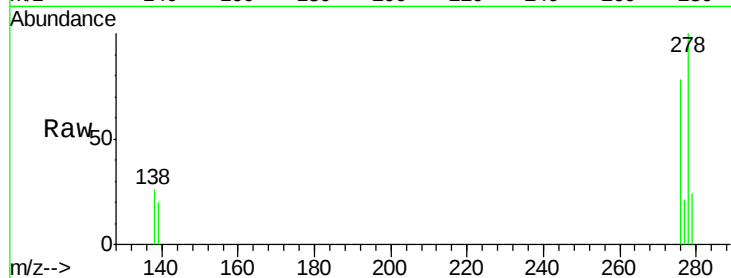




#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.57 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 278 Resp: 22954
Ion Ratio Lower Upper
278 100
139 20.1 21.4 32.0#
279 24.4 22.2 33.2



#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093691.D
Acq: 6 Aug 2017 1:05

Tgt Ion: 276 Resp: 23111
Ion Ratio Lower Upper
276 100
277 24.9 21.2 31.8
138 25.1 24.5 36.7

