

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093675.D
 Acq On : 5 Aug 2017 14:59
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: Aug 06 02:42:35 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	2544	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12290	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6989	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18140	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21138	0.40	ng	-0.01
34) Perylene-d12	23.92	264	19338	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3239	0.43	ng	0.00
5) Phenol-d6	7.09	99	4785	0.42	ng	0.00
8) Nitrobenzene-d5	9.06	82	4024	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7761	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	708	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11016	0.39	ng	-0.02
25) Fluoranthene-d10	19.27	212	85316	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	14653	0.39	ng	0.00

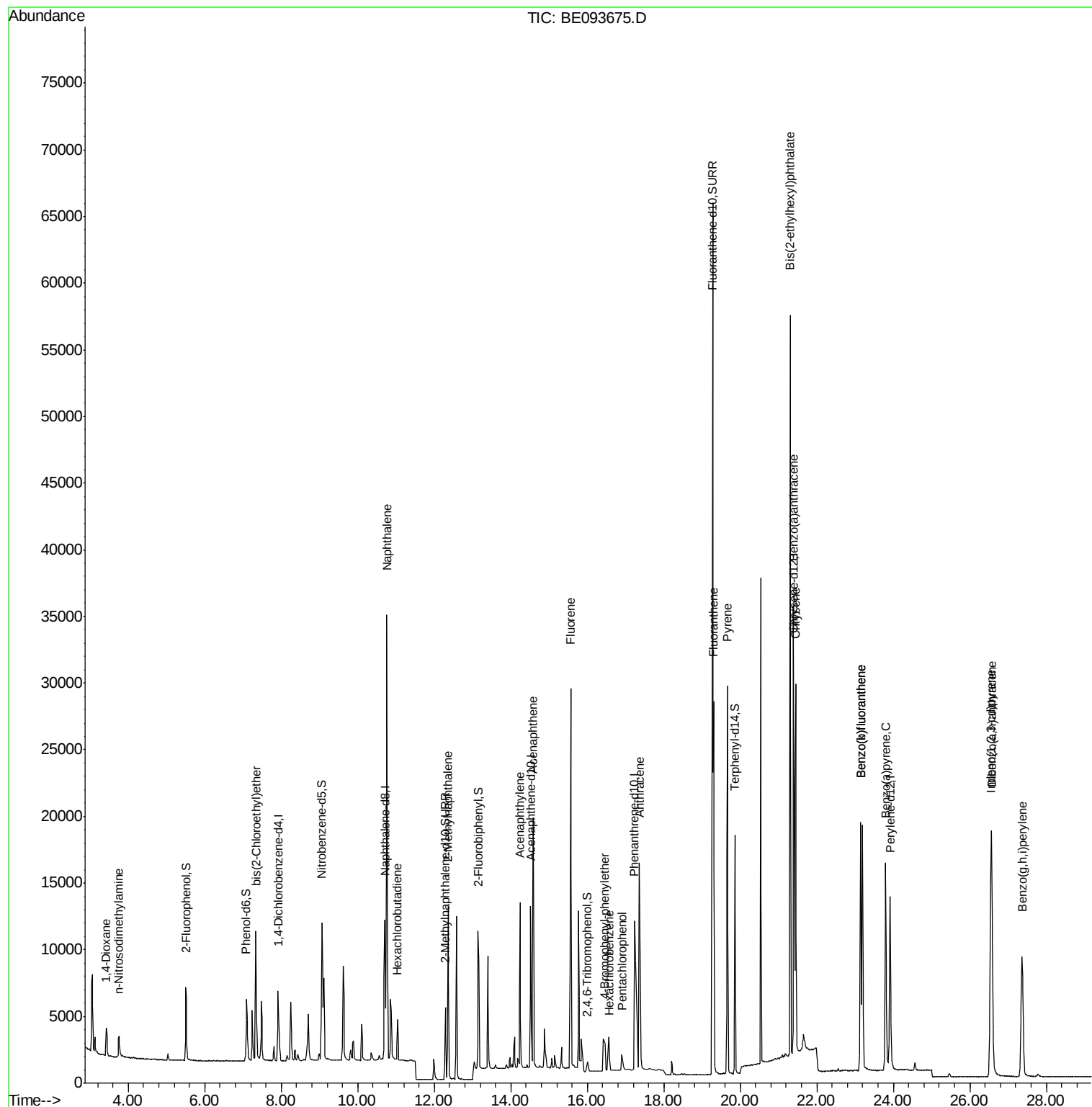
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	1527	0.370	ng	95
3) n-Nitrosodimethylamine	3.74	42	1487	0.385	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	3682	0.384	ng	# 99
9) Naphthalene	10.76	128	55423	0.390	ng	99
10) Hexachlorobutadiene	11.04	225	2091	0.397	ng	99
12) 2-Methylnaphthalene	12.36	142	9270	0.394	ng	98
16) Acenaphthylene	14.24	152	14067	0.421	ng	# 87
17) Acenaphthene	14.58	154	9313	0.395	ng	99
18) Fluorene	15.56	166	12219	0.388	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	2022	0.356	ng	# 89
21) Hexachlorobenzene	16.58	284	2229	0.397	ng	# 100
22) Pentachlorophenol	16.91	266	1312	0.521	ng	99
24) Anthracene	17.37	178	39254	0.720	ng	# 91
26) Fluoranthene	19.30	202	25767	0.406	ng	99
28) Pyrene	19.66	202	26805	0.392	ng	# 99
30) Benzo(a)anthracene	21.39	228	26232	0.422	ng	94
31) Chrysene	21.45	228	27120	0.391	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	59769	0.706	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	26940	0.429	ng	95
35) Benzo(b)fluoranthene	23.14	252	25960	0.376	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	25960	0.368	ng	95
37) Benzo(a)pyrene	23.80	252	24509	0.392	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	23165	0.384	ng	# 92
39) Benzo(g,h,i)perylene	27.37	276	22678	0.371	ng	93

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

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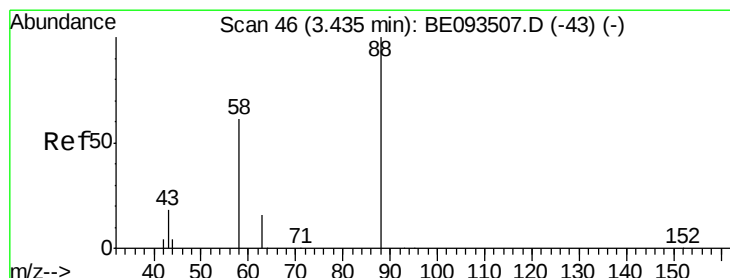
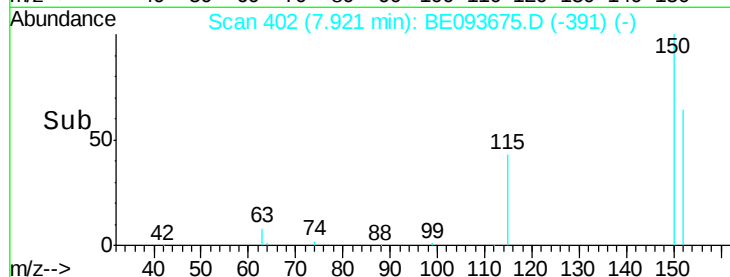
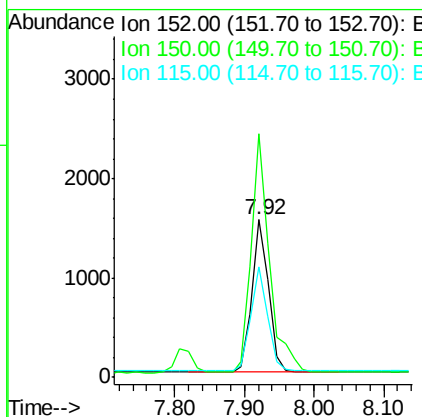
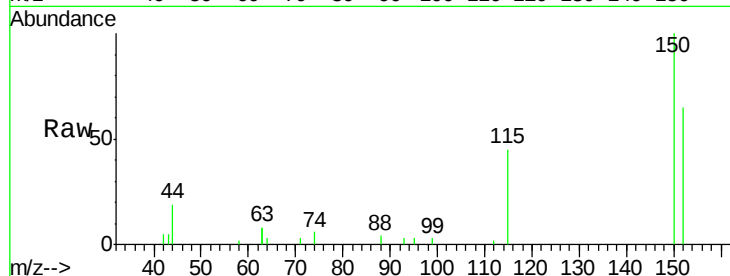


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

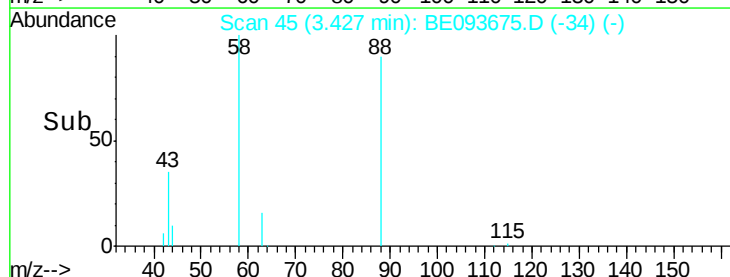
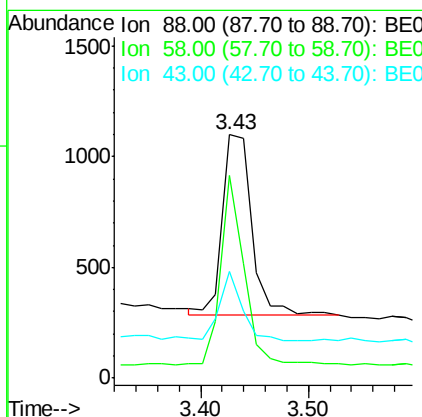
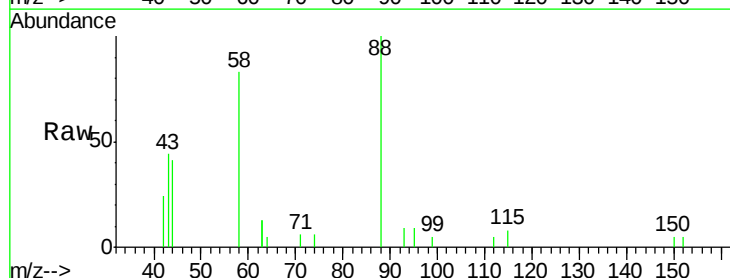
Tgt Ion: 152 Resp: 2544
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.1 187.7
 115 69.8 55.7 83.5

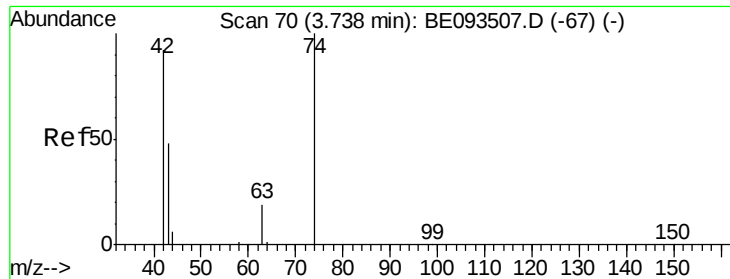


#2

1,4-Dioxane
 Concen: 0.370 ng
 RT: 3.43 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

Tgt Ion: 88 Resp: 1527
 Ion Ratio Lower Upper
 88 100
 58 83.2 62.2 93.4
 43 28.9 23.2 34.8





#3

n-Nitrosodimethylamine

Concen: 0.385 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

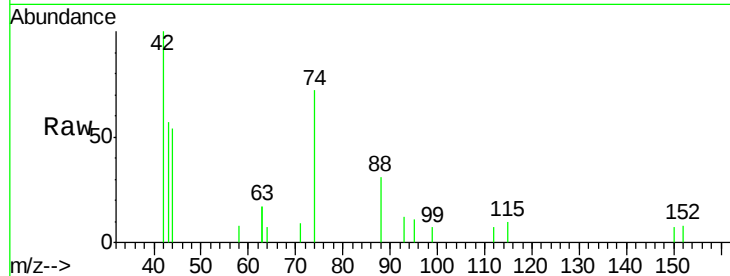
Tgt Ion: 42 Resp: 1487

Ion Ratio Lower Upper

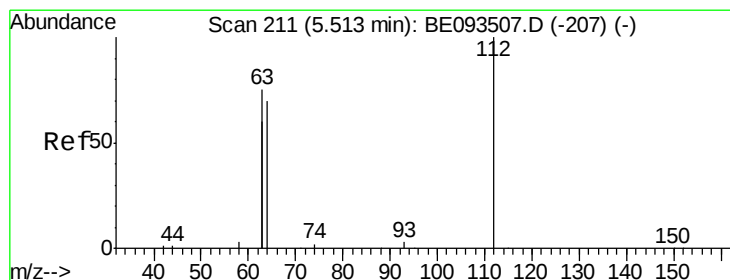
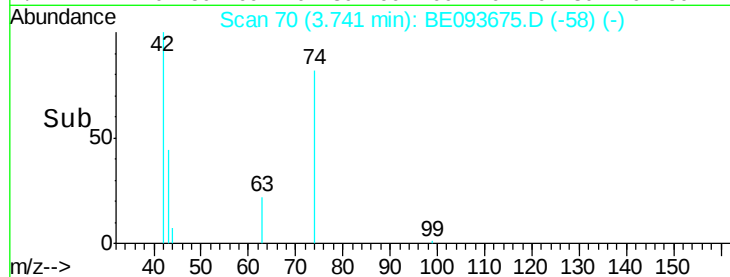
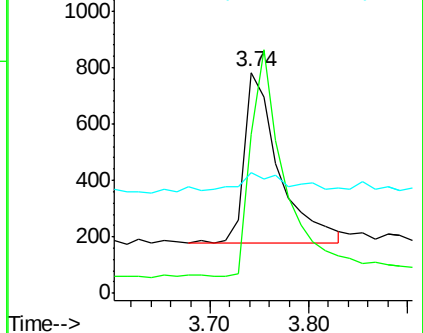
42 100

74 129.5 99.1 148.7

44 15.1 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: 0.427 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

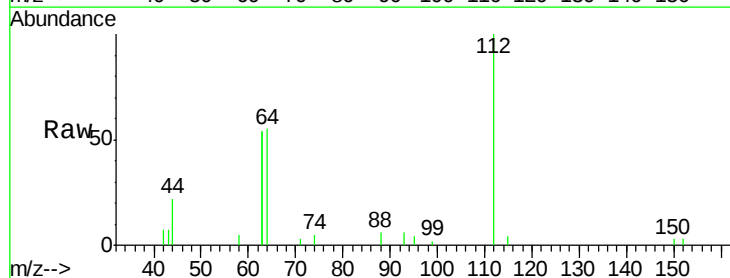
Tgt Ion: 112 Resp: 3239

Ion Ratio Lower Upper

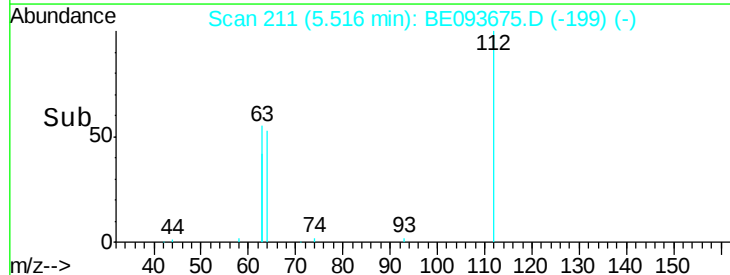
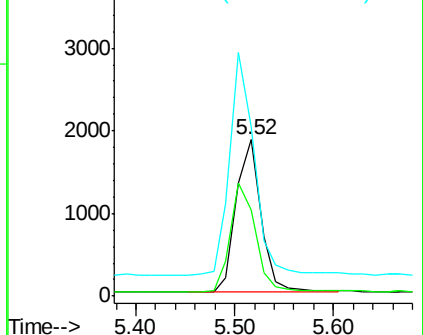
112 100

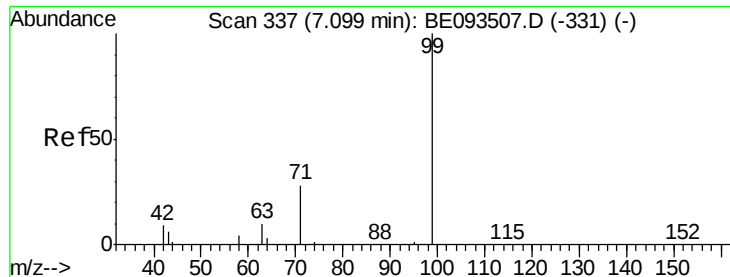
64 71.7 56.4 84.6

63 141.5 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: 0.419 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

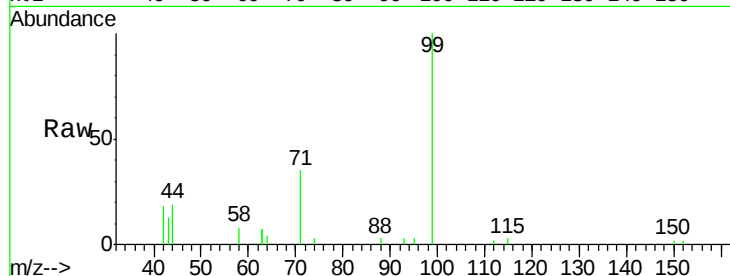
Tgt Ion: 99 Resp: 4785

Ion Ratio Lower Upper

99 100

42 19.9 0.0 0.0#

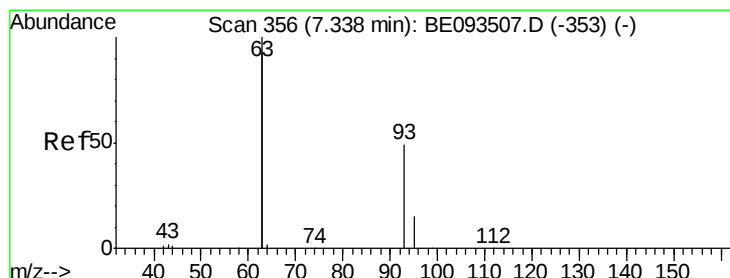
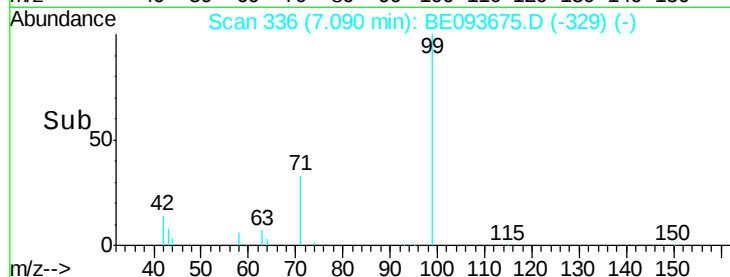
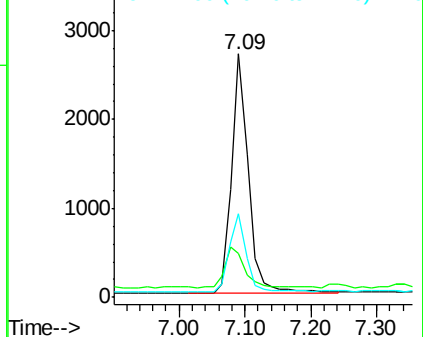
71 33.1 0.0 0.0#



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: 0.384 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

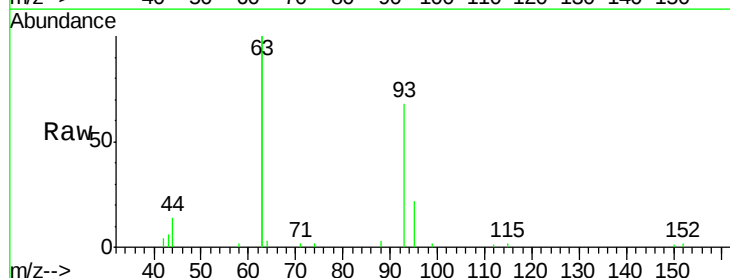
Tgt Ion: 93 Resp: 3682

Ion Ratio Lower Upper

93 100

63 356.0 0.0 0.0#

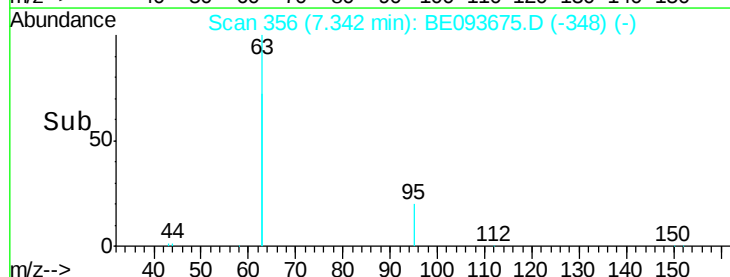
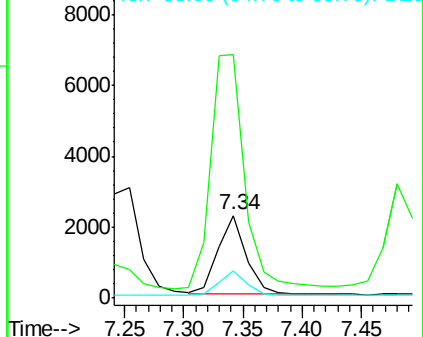
95 32.2 25.4 38.0

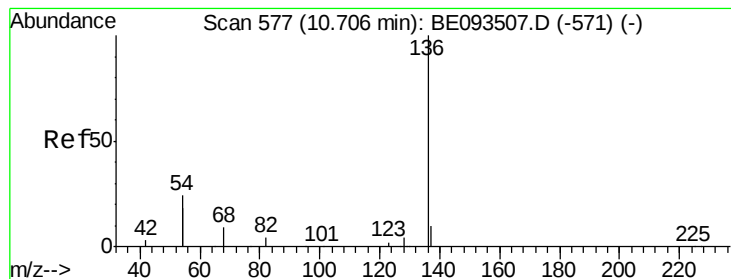


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 12290

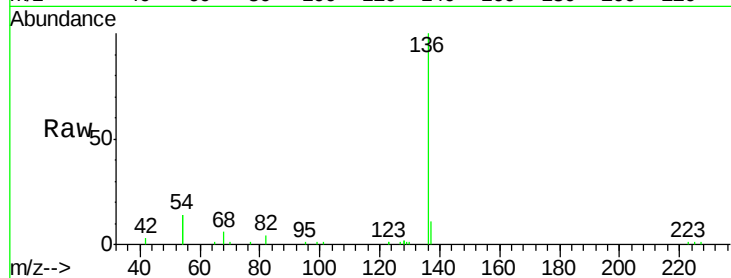
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 27.8 10.3 15.5#

68 5.7 9.0 13.4#

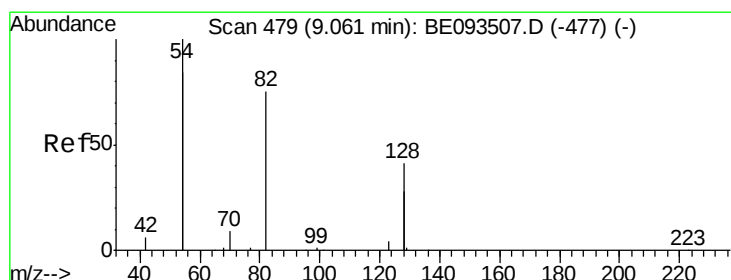
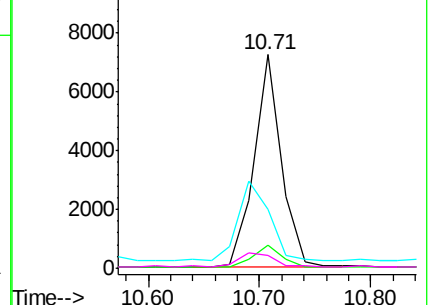
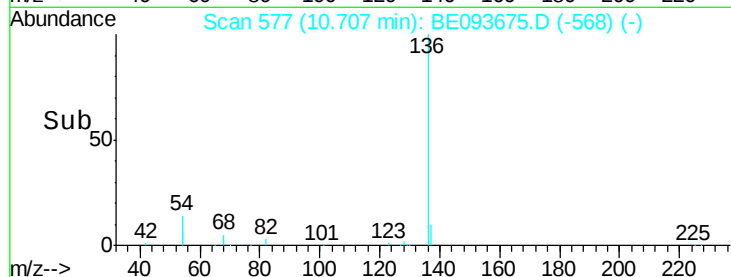


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.429 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

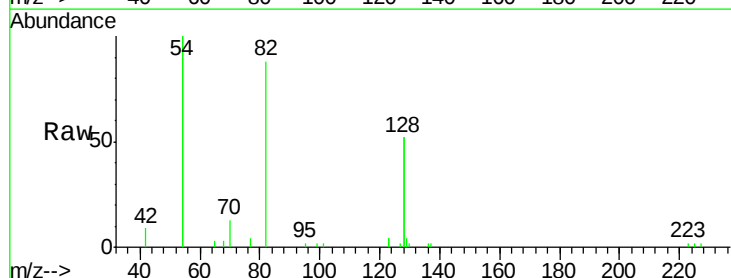
Tgt Ion: 82 Resp: 4024

Ion Ratio Lower Upper

82 100

128 118.3 17.0 25.4#

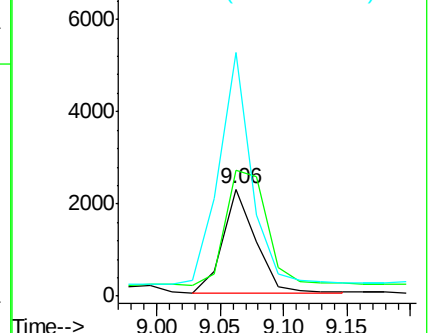
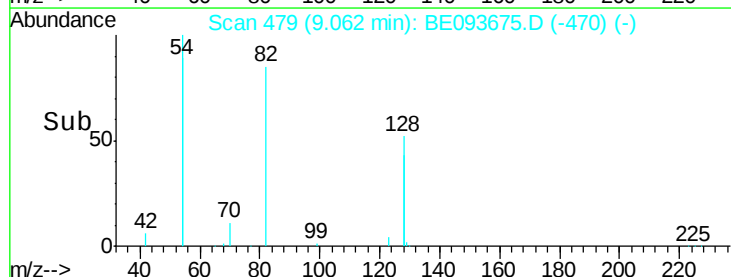
54 227.8 53.8 80.6#

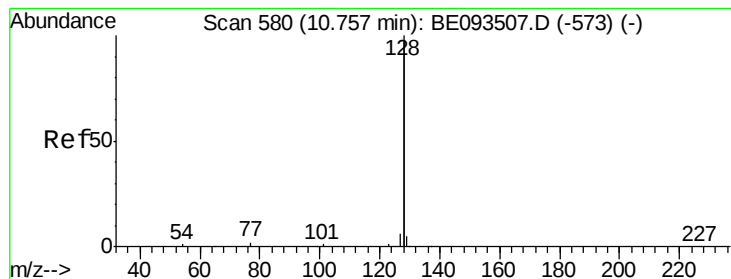


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.390 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

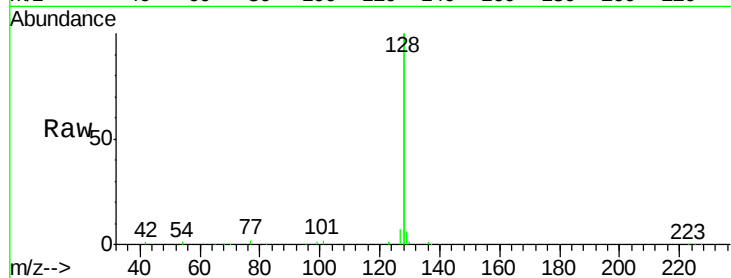
Tgt Ion:128 Resp: 55423

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

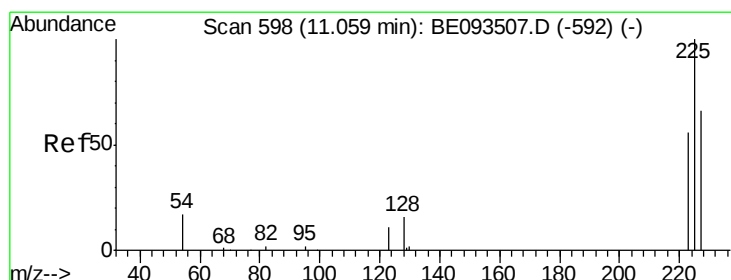
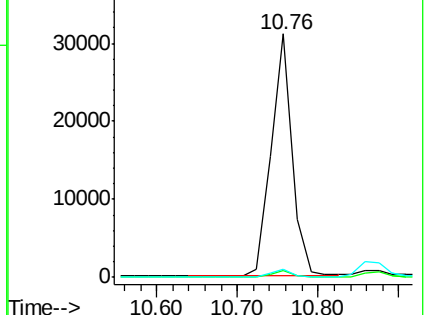
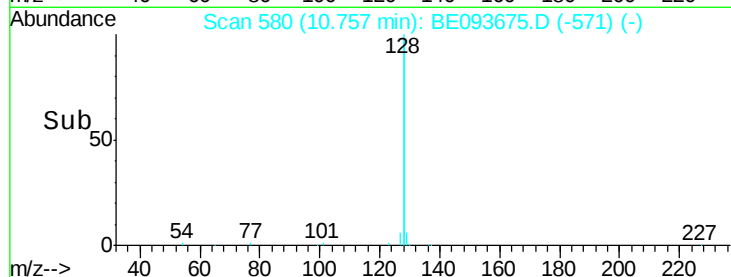
127 3.3 2.4 3.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.397 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

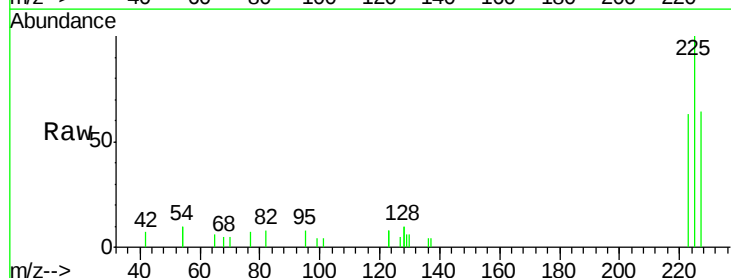
Tgt Ion:225 Resp: 2091

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

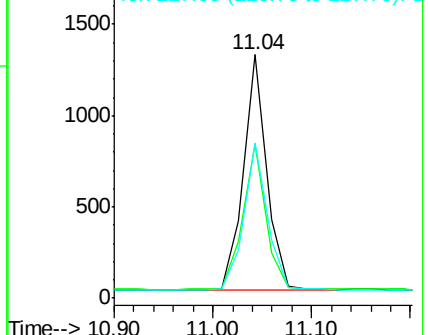
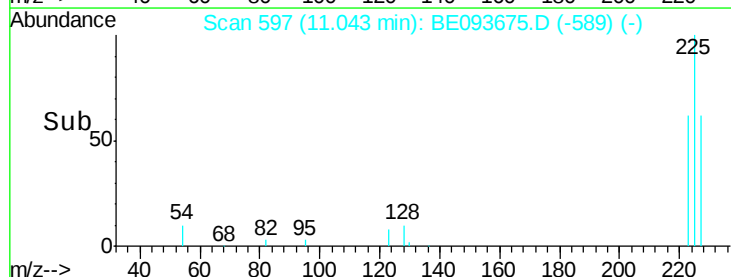
227 63.7 50.3 75.5

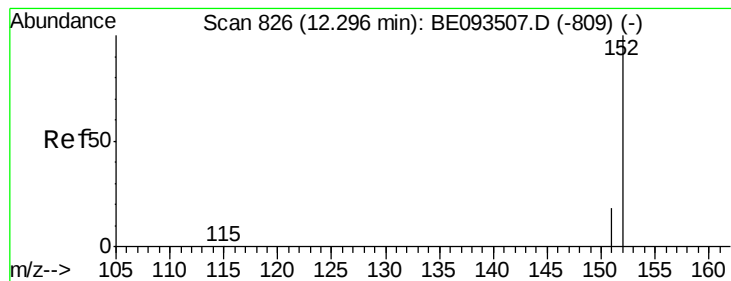


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

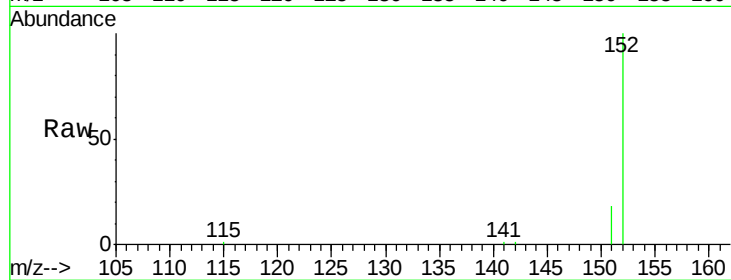
SSTDCCC0.4

Tgt Ion:152 Resp: 7761

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

5000

4000

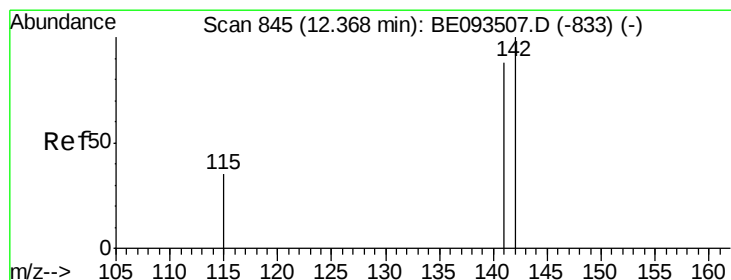
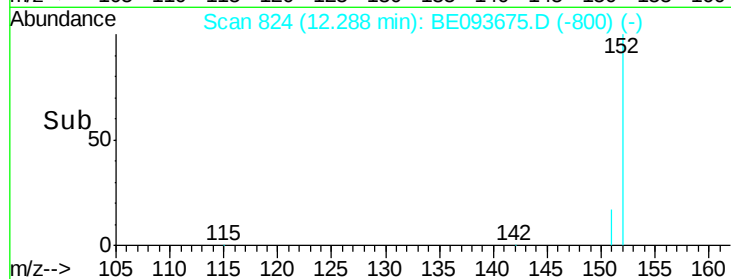
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

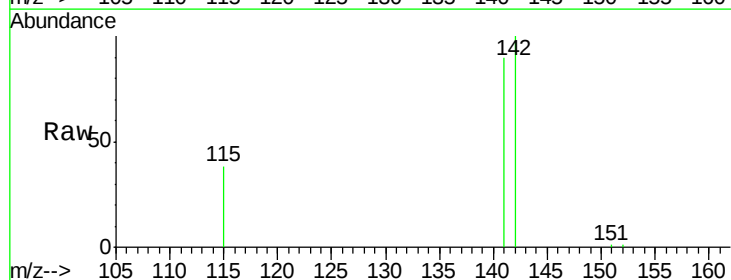
Tgt Ion:142 Resp: 9270

Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8

115 37.6 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

8000

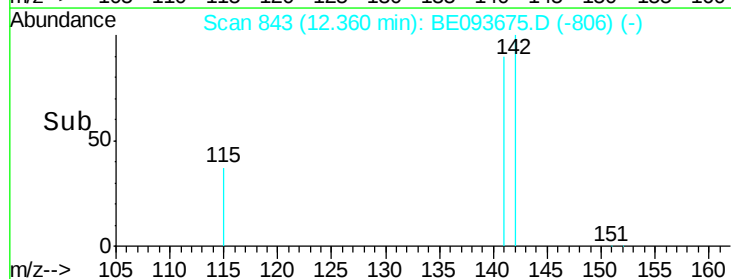
6000

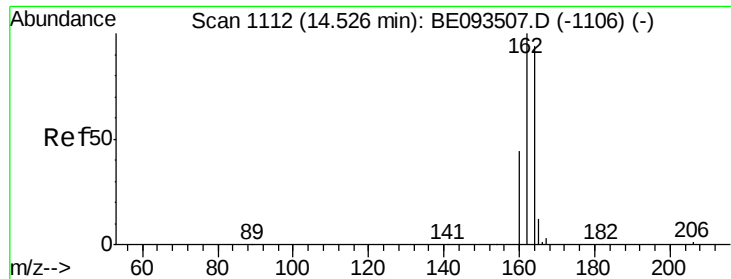
4000

2000

0

Time--> 12.30 12.40

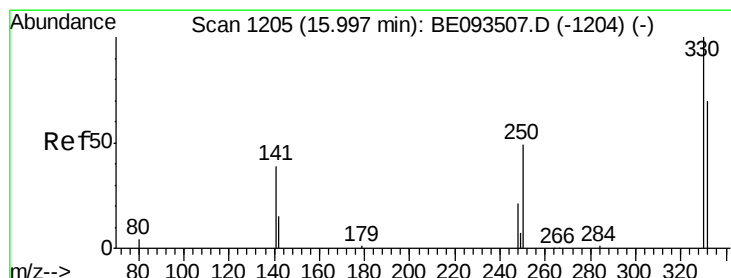
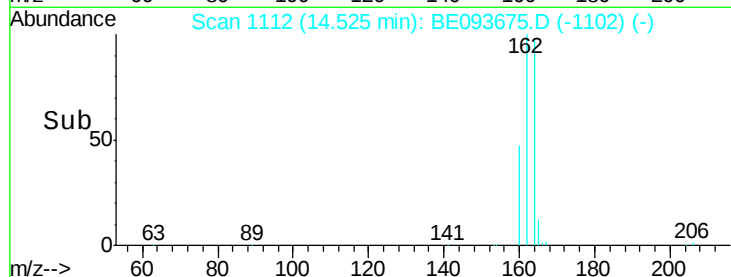
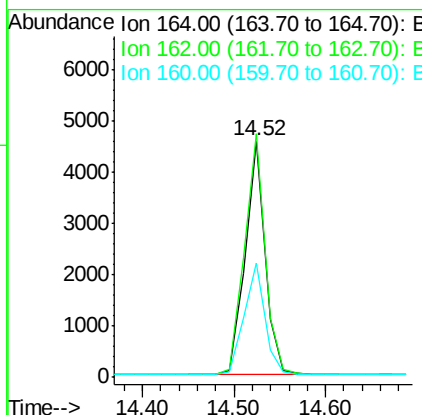
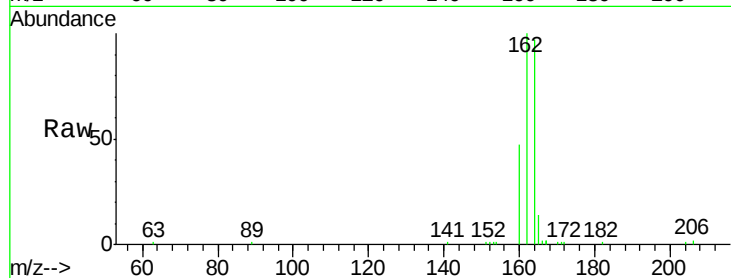




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

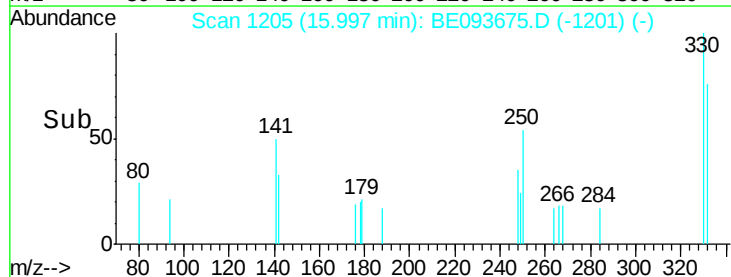
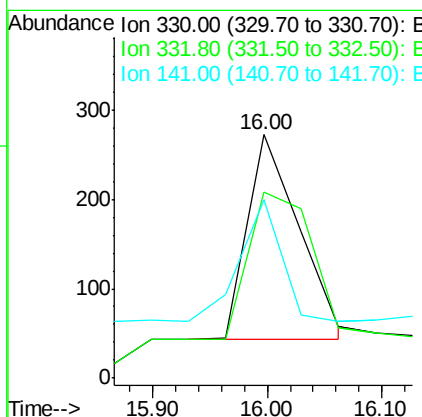
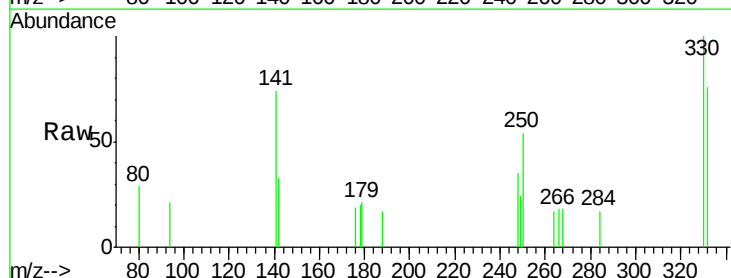
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

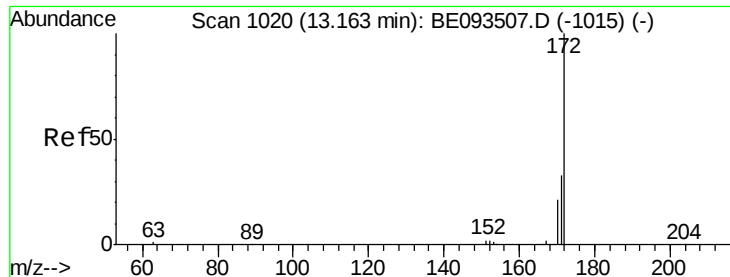
Tgt Ion:164 Resp: 6989
Ion Ratio Lower Upper
164 100
162 103.0 84.6 127.0
160 48.6 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

Tgt Ion:330 Resp: 708
Ion Ratio Lower Upper
330 100
332 89.0 77.7 116.5
141 47.5 56.2 84.4#

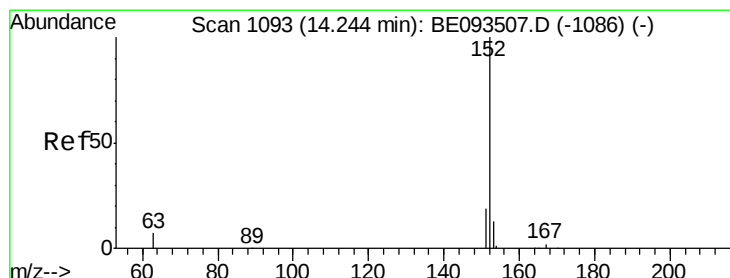
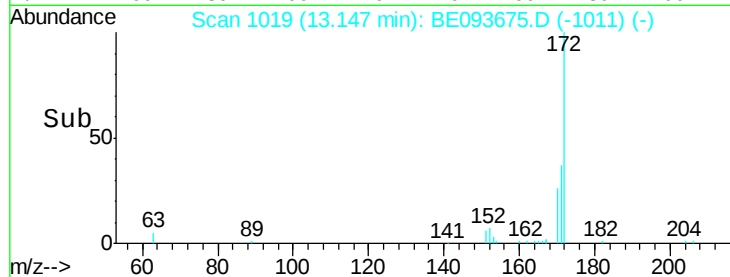
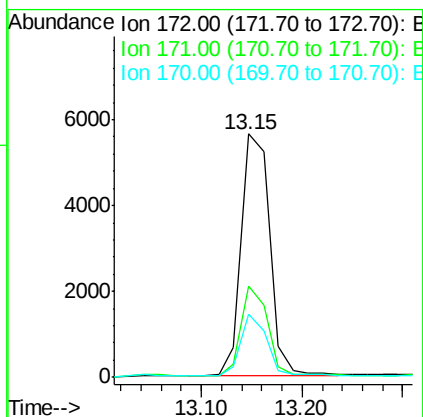
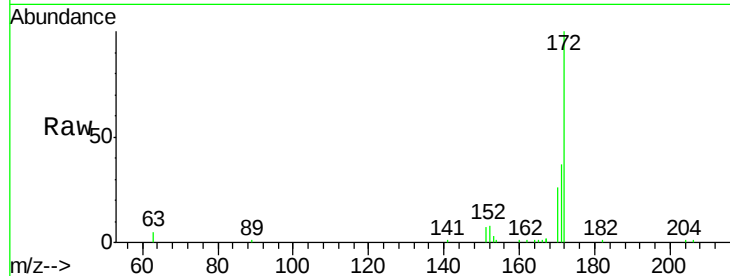




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

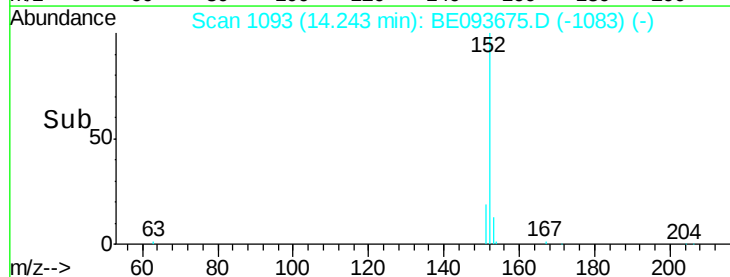
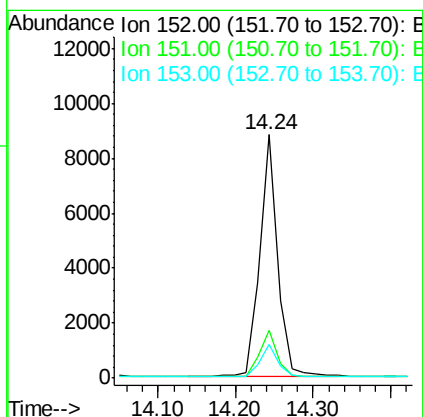
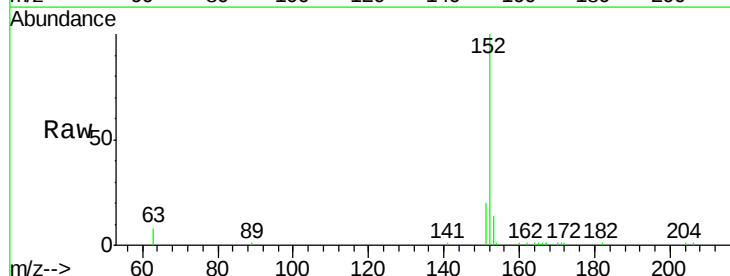
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

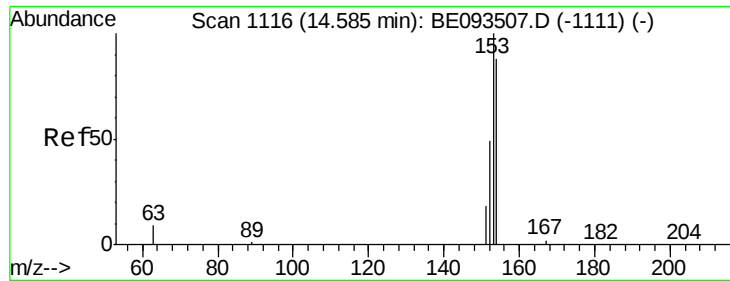
Tgt Ion:172 Resp: 11016
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.7 20.7 31.1



#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

Tgt Ion:152 Resp: 14067
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

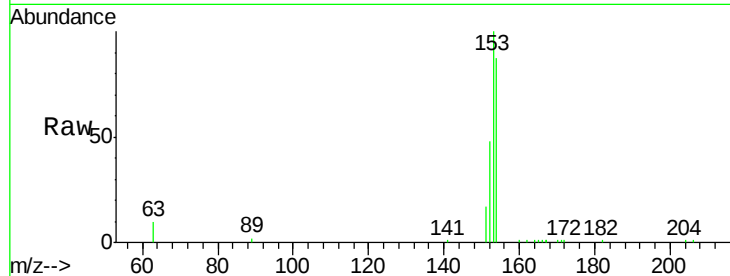
Tgt Ion:154 Resp: 9313

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

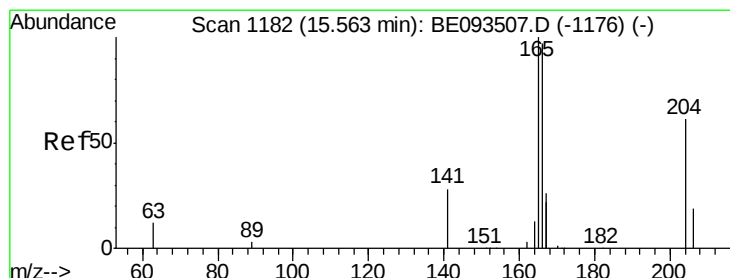
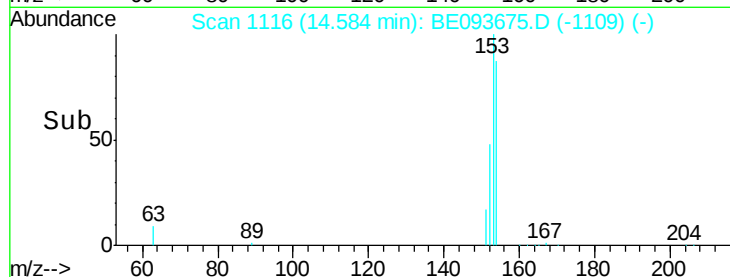
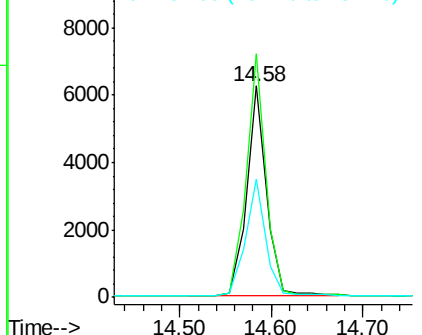
152 55.8 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.388 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

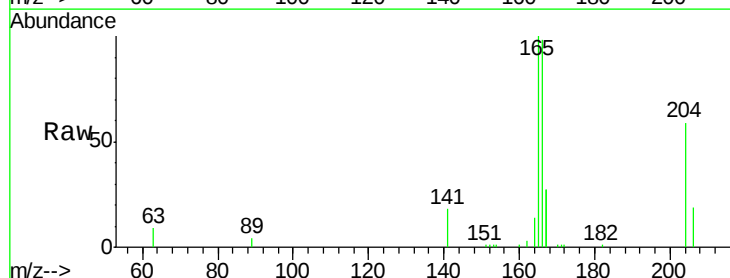
Tgt Ion:166 Resp: 12219

Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

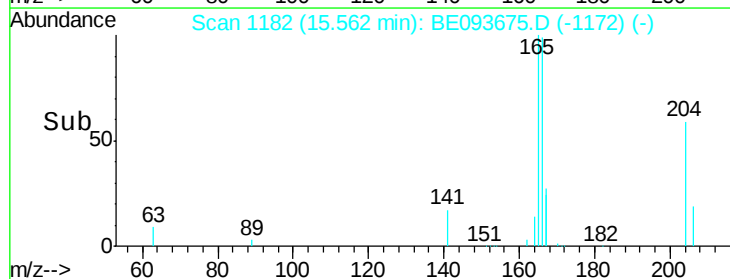
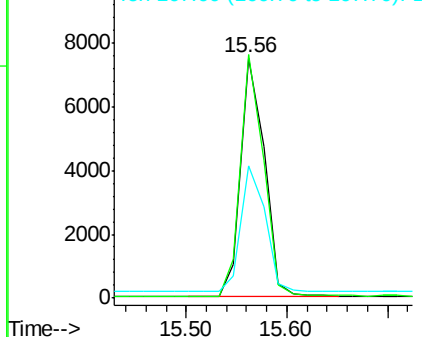
167 54.4 11.1 16.7#

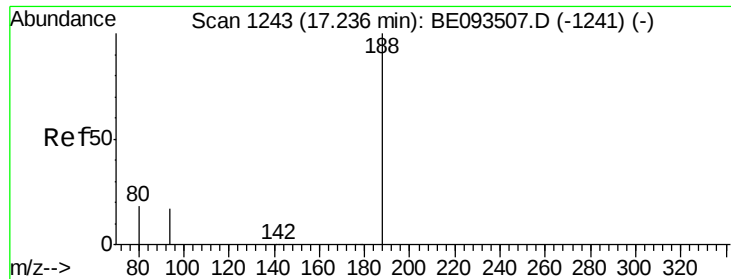


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

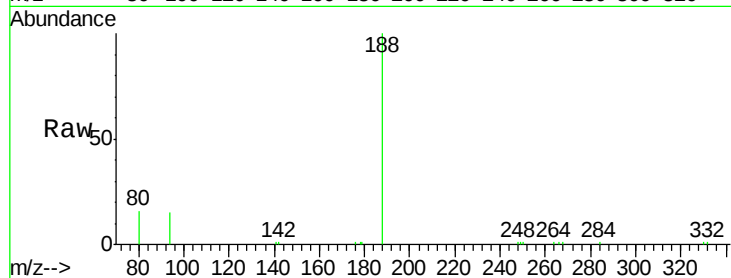
Tgt Ion:188 Resp: 18140

Ion Ratio Lower Upper

188 100

94 14.7 11.3 16.9

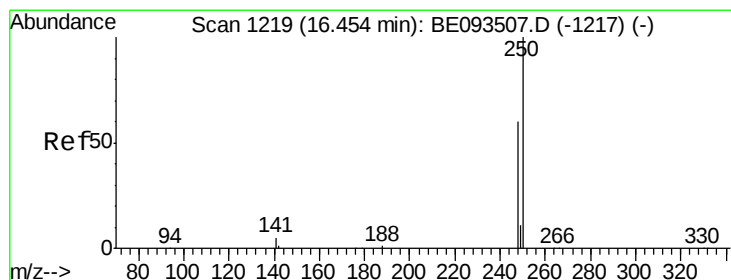
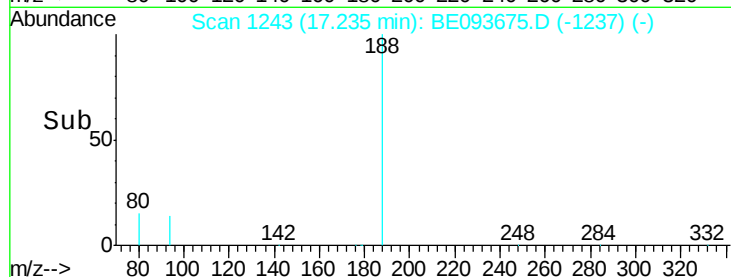
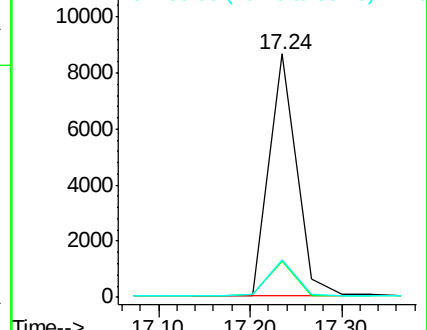
80 15.6 11.7 17.5



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



#20

4-Bromophenyl-phenylether

Concen: 0.356 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

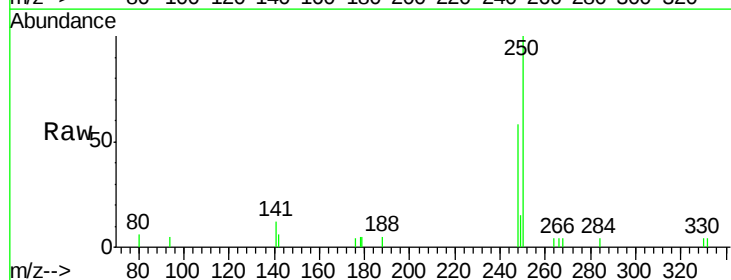
Tgt Ion:248 Resp: 2022

Ion Ratio Lower Upper

248 100

250 173.4 128.0 192.0

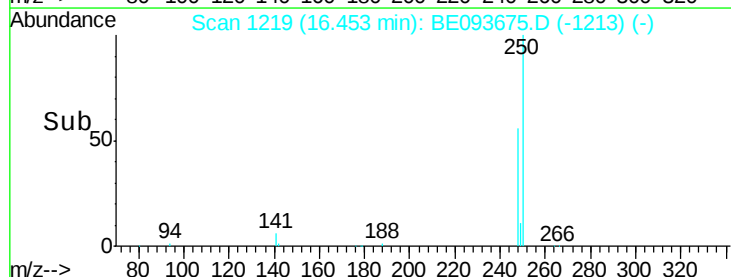
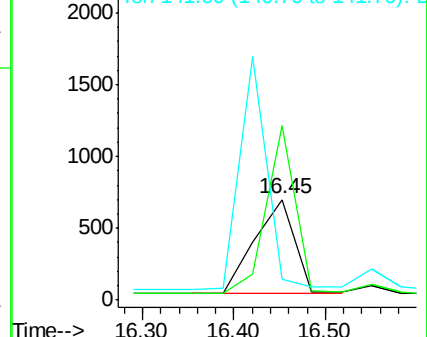
141 21.2 12.0 18.0#

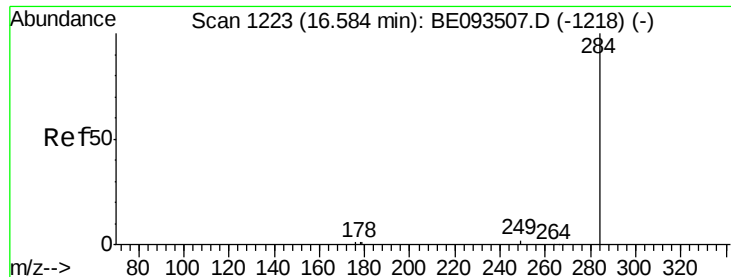


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

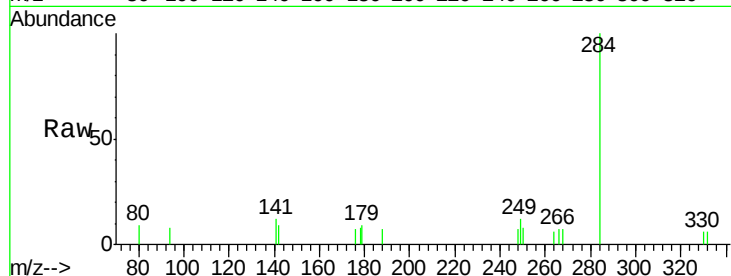
Tgt Ion: 284 Resp: 2229

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

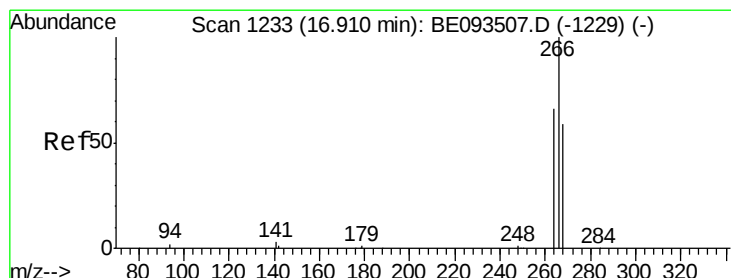
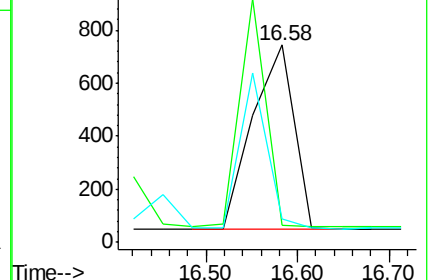
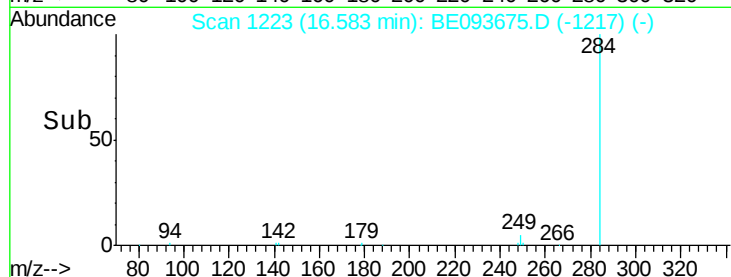
249 0.0 0.0 0.0



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: 0.521 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

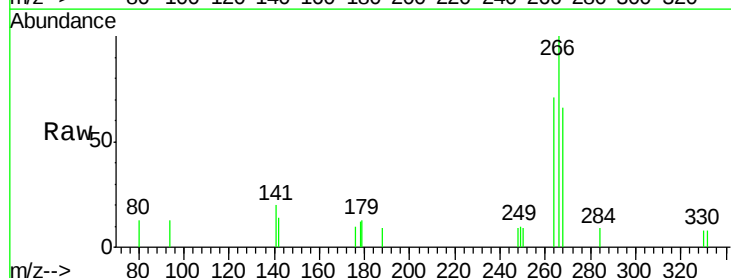
Tgt Ion: 266 Resp: 1312

Ion Ratio Lower Upper

266 100

264 70.8 56.0 84.0

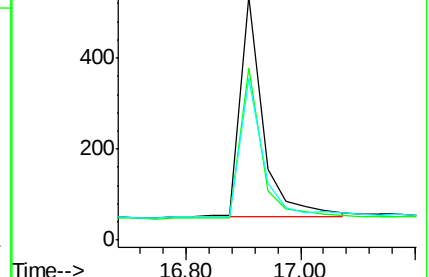
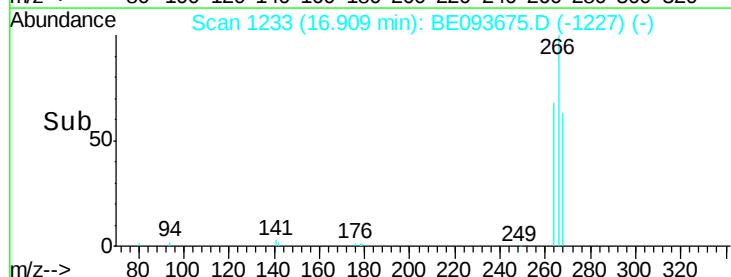
268 66.2 52.0 78.0

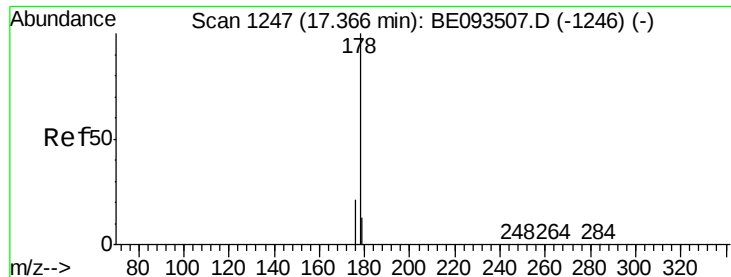


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.720 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

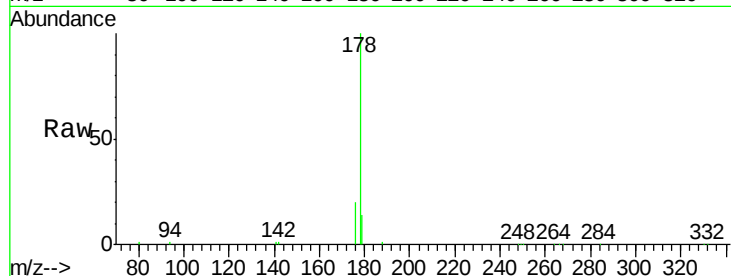
Tgt Ion:178 Resp: 39254

Ion Ratio Lower Upper

178 100

176 12.0 14.6 22.0#

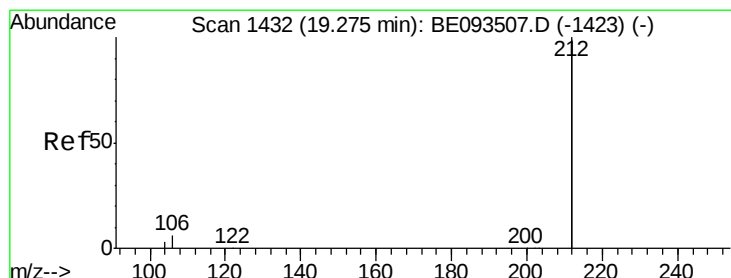
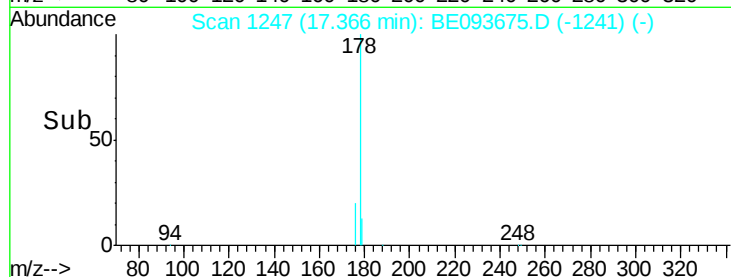
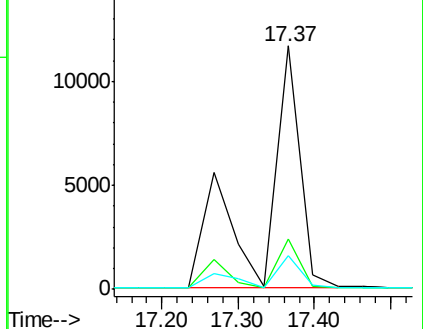
179 14.0 12.0 18.0



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: 0.414 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

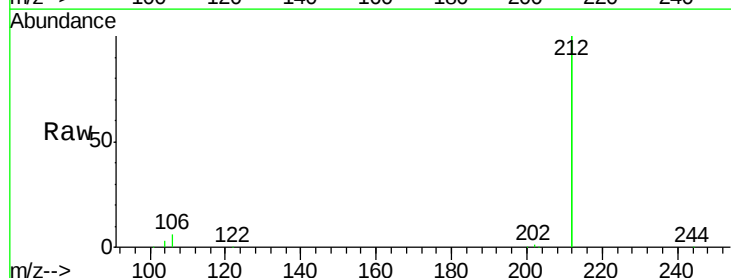
Tgt Ion:212 Resp: 85316

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

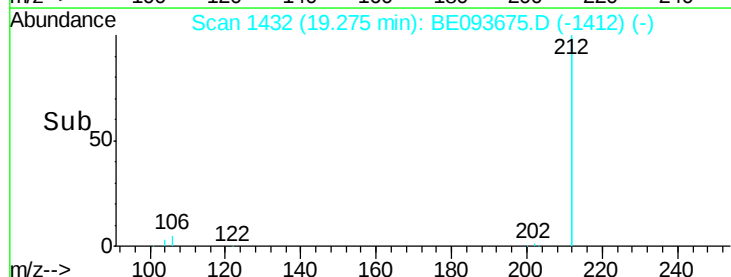
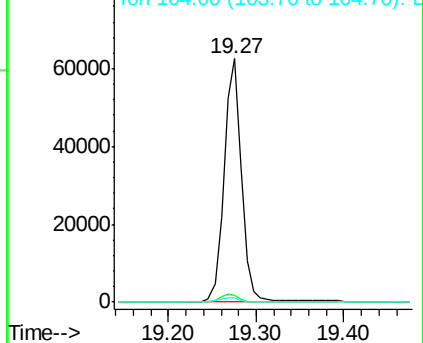
104 1.9 1.6 2.4

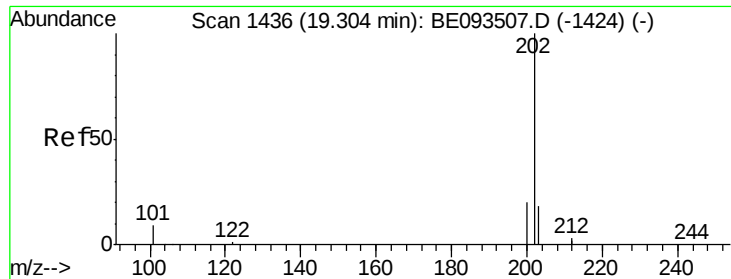


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

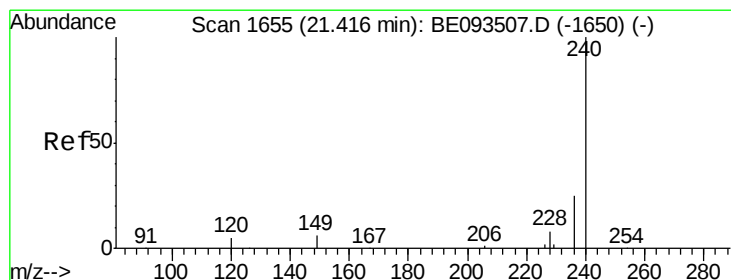
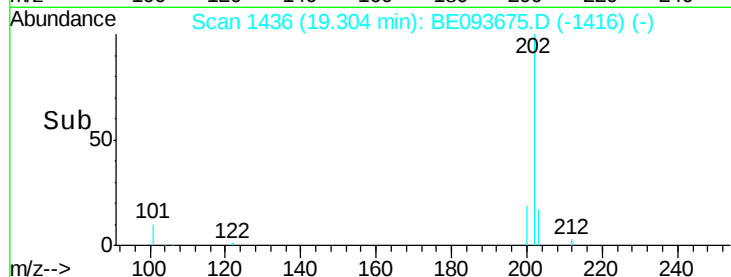
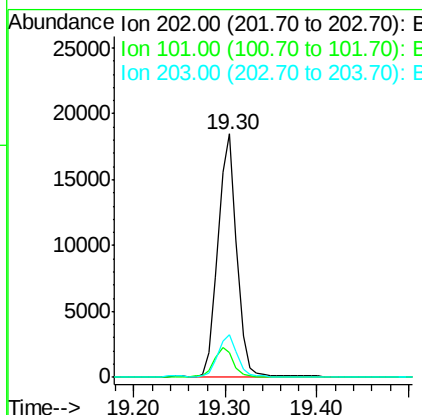
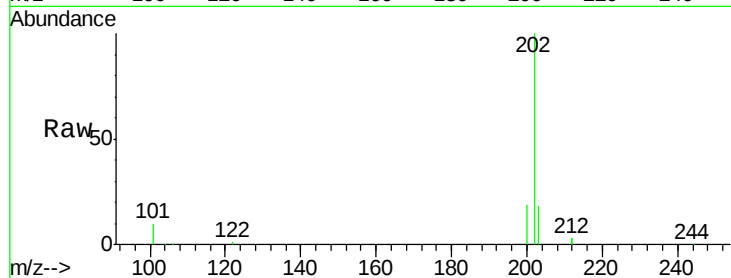




#26
 Fluoranthene
 Concen: 0.406 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

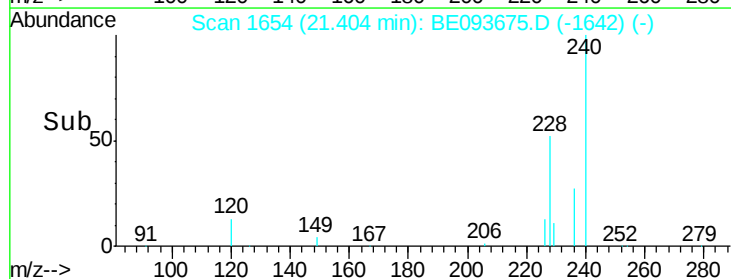
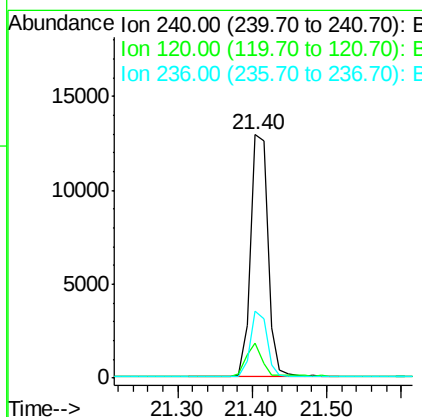
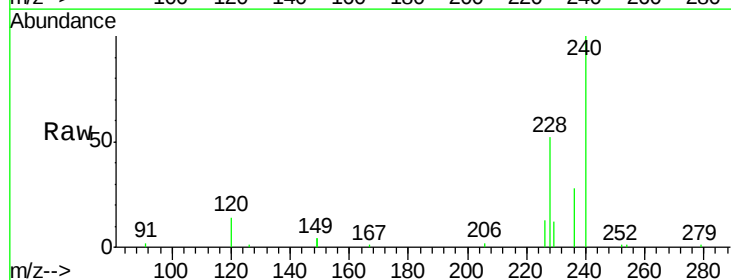
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

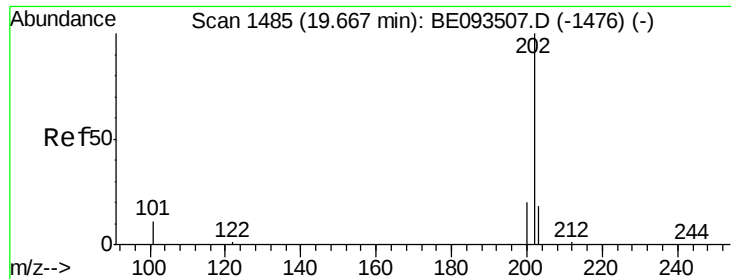
Tgt Ion: 202 Resp: 25767
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.6 14.4
 203 17.2 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

Tgt Ion: 240 Resp: 21138
 Ion Ratio Lower Upper
 240 100
 120 14.1 4.6 7.0#
 236 27.7 20.8 31.2





#28

Pyrene

Concen: 0.392 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

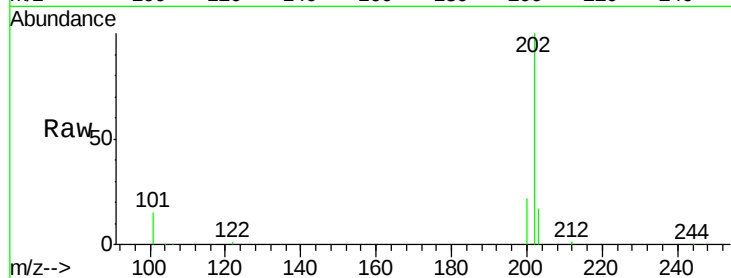
Tgt Ion:202 Resp: 26805

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

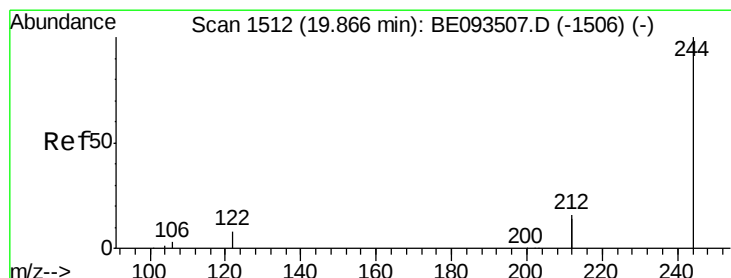
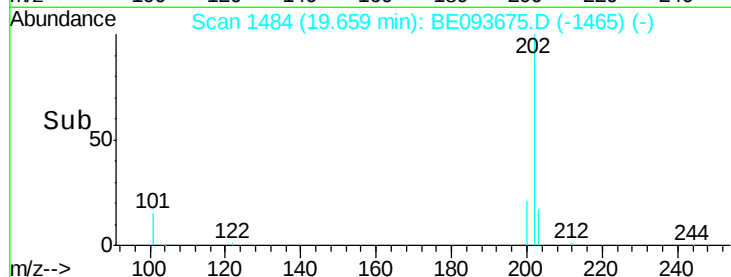
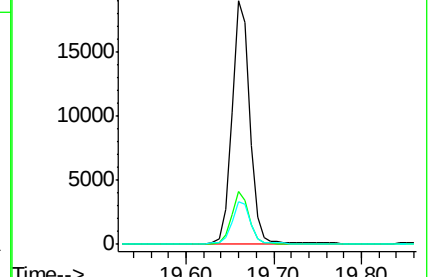
203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

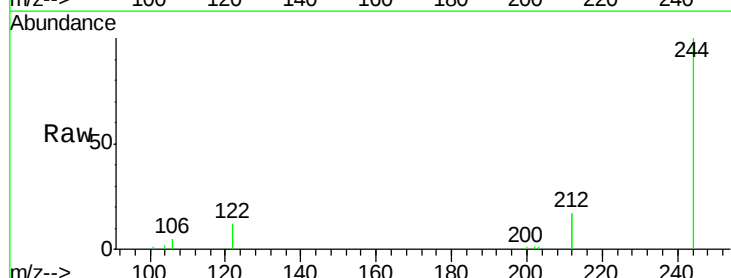
Tgt Ion:244 Resp: 14653

Ion Ratio Lower Upper

244 100

212 34.4 10.6 16.0#

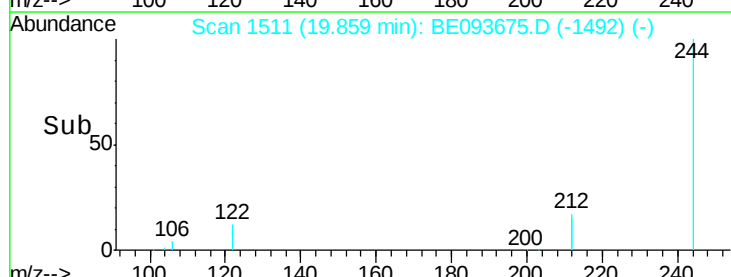
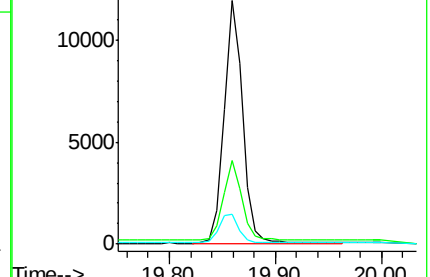
122 12.4 15.4 23.0#

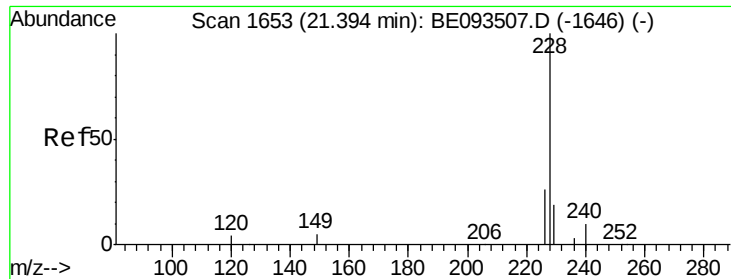


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.422 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

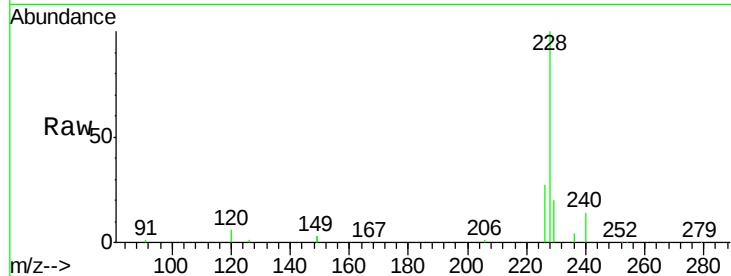
Tgt Ion:228 Resp: 26232

Ion Ratio Lower Upper

228 100

226 26.5 19.7 29.5

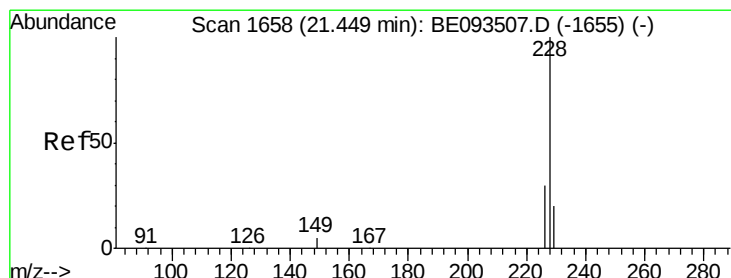
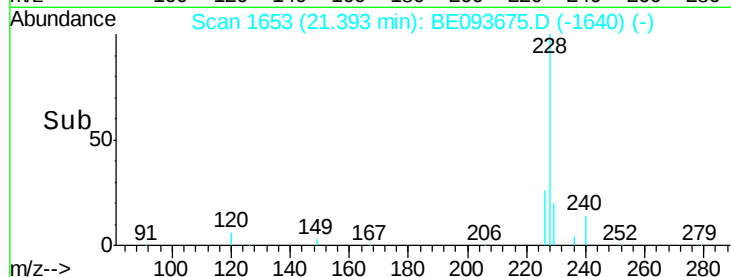
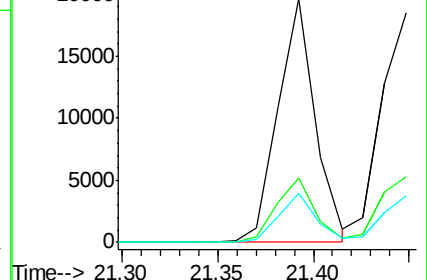
229 20.1 19.2 28.8



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: 0.391 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

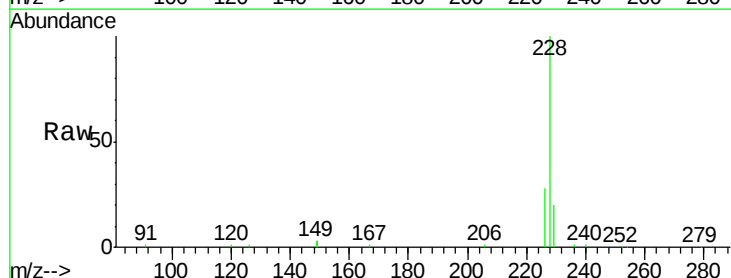
Tgt Ion:228 Resp: 27120

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

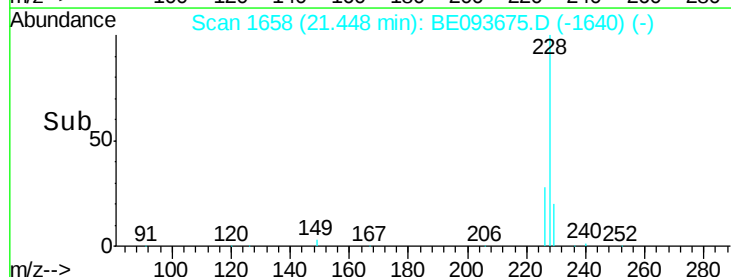
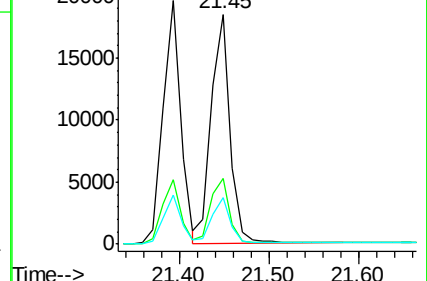
229 20.3 18.6 28.0

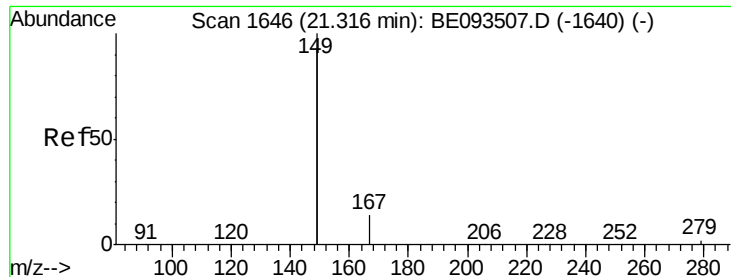


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.706 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

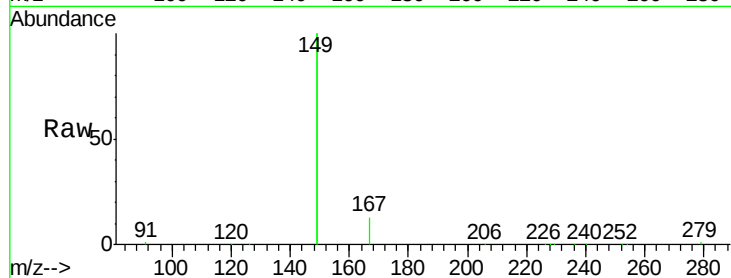
Tgt Ion:149 Resp: 59769

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

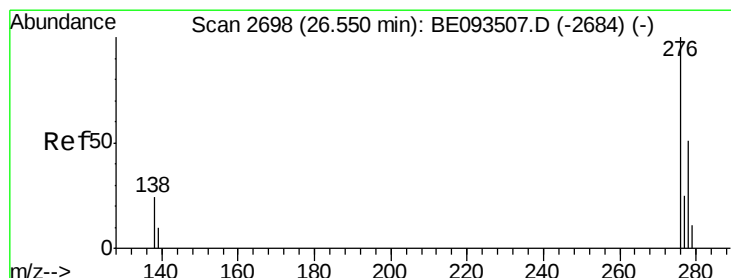
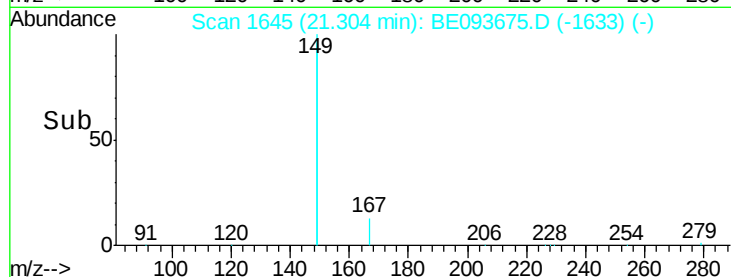
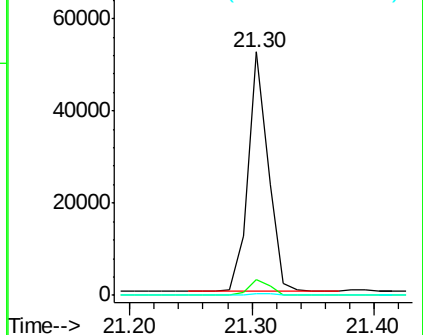
279 0.9 0.8 1.2



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: BE093675.D

Acq: 5 Aug 2017 14:59

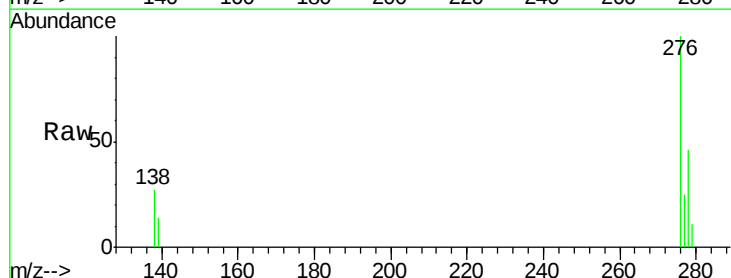
Tgt Ion:276 Resp: 26940

Ion Ratio Lower Upper

276 100

138 29.9 27.4 41.2

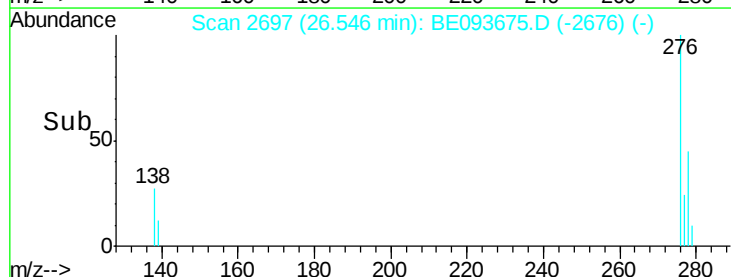
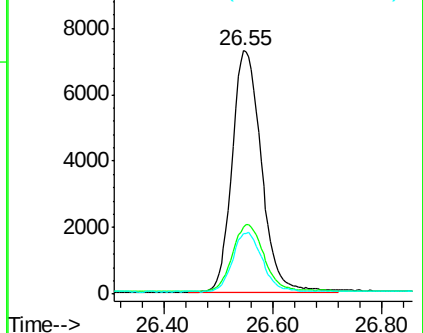
277 24.8 20.1 30.1

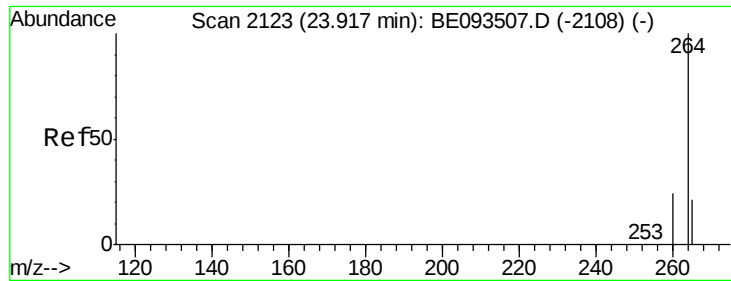


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

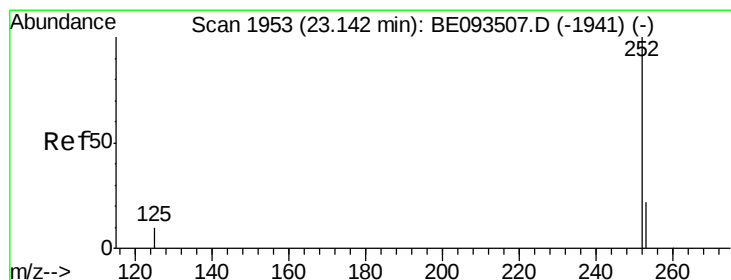
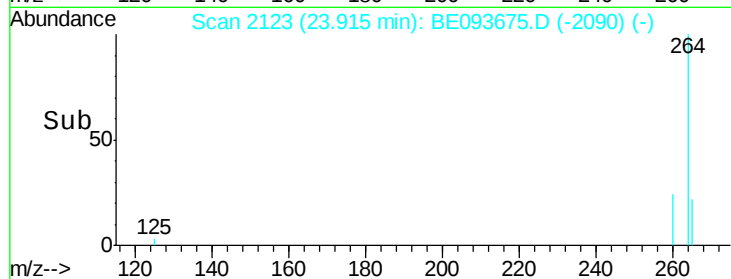
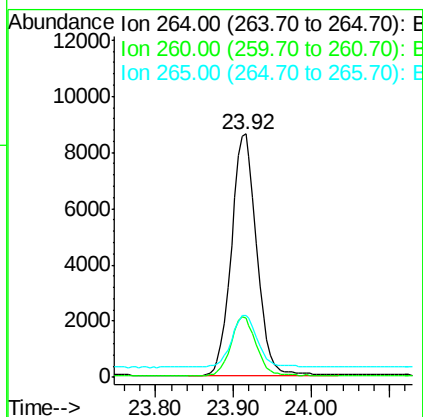
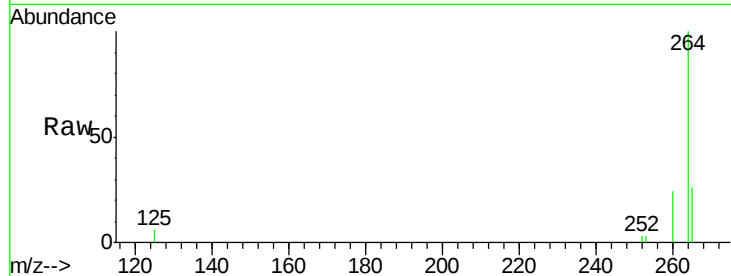




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

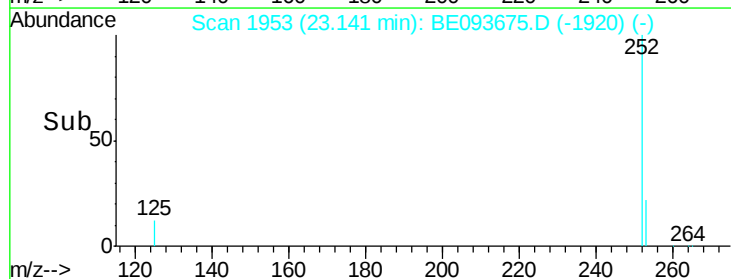
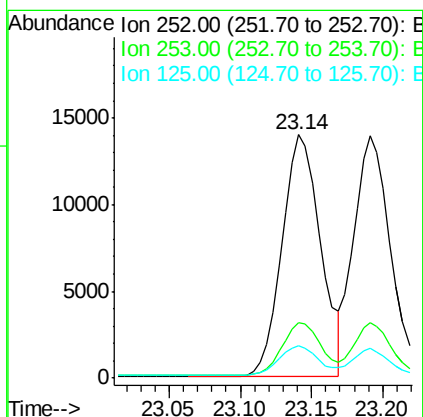
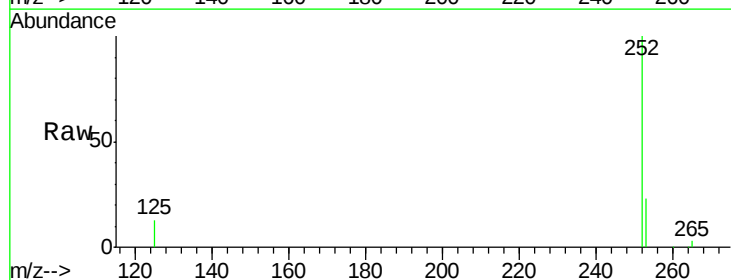
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

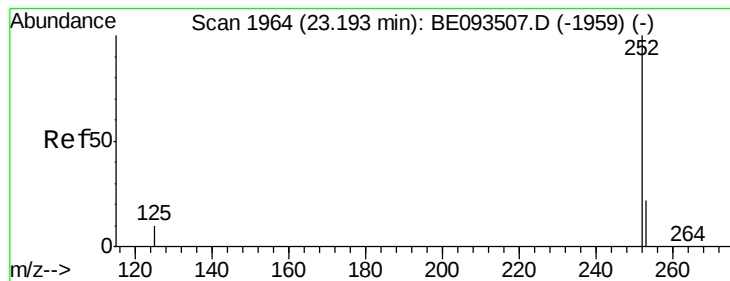
Tgt Ion: 264 Resp: 19338
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.0 31.4
 265 25.6 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.376 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093675.D
 Acq: 5 Aug 2017 14:59

Tgt Ion: 252 Resp: 25960
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.5 27.7
 125 13.1 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.368 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

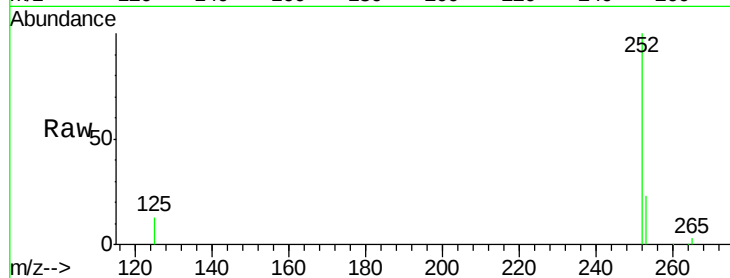
Tgt Ion:252 Resp: 25960

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

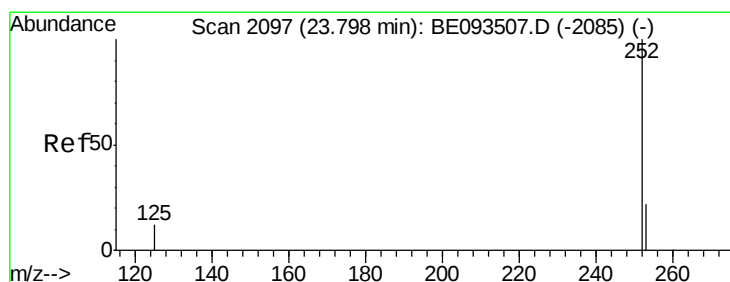
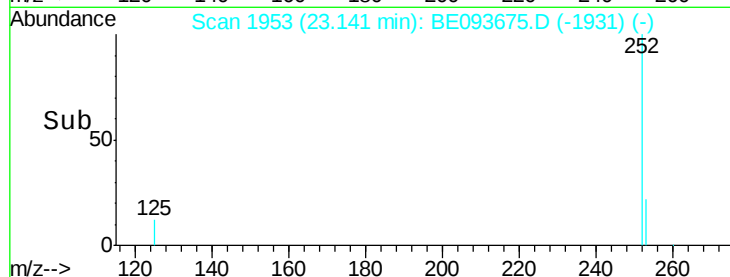
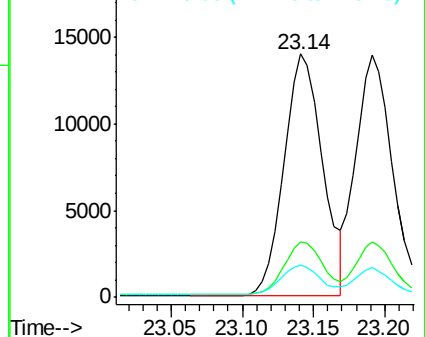
125 13.1 12.2 18.4



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: 0.392 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093675.D

Acq: 5 Aug 2017 14:59

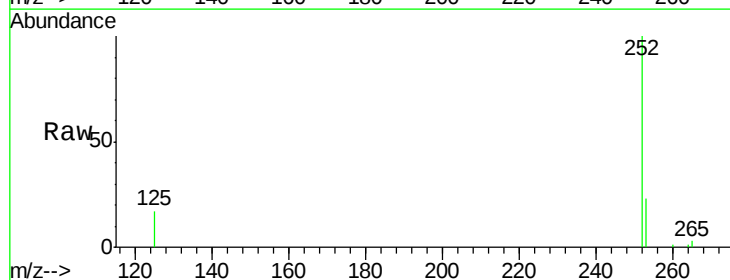
Tgt Ion:252 Resp: 24509

Ion Ratio Lower Upper

252 100

253 23.0 19.9 29.9

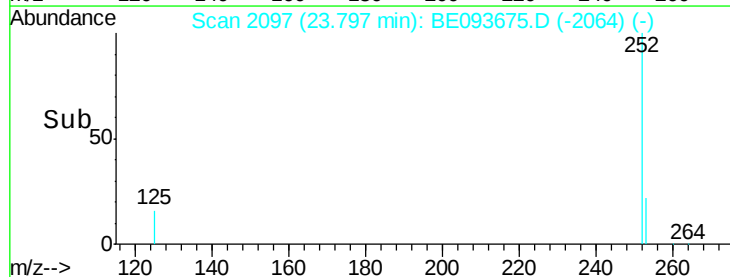
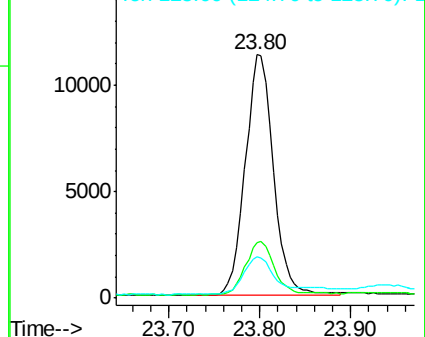
125 17.1 14.6 21.8

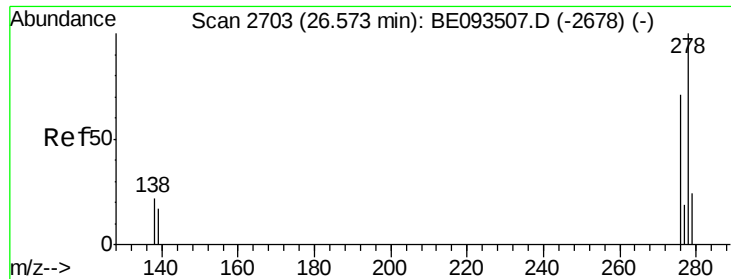


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

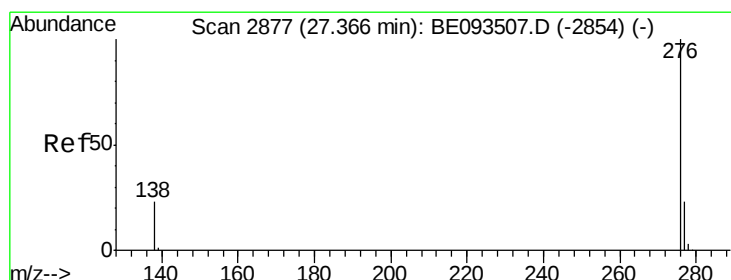
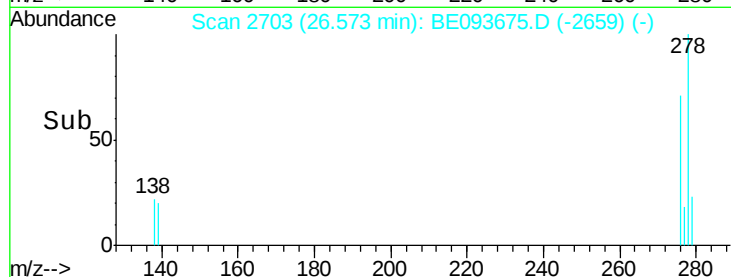
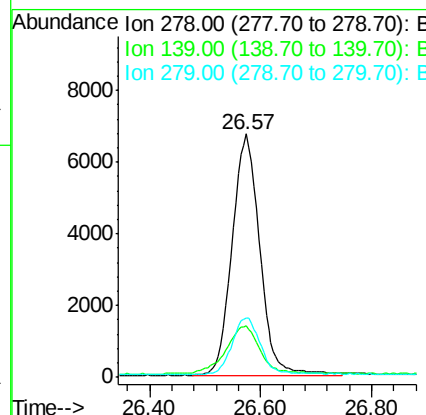
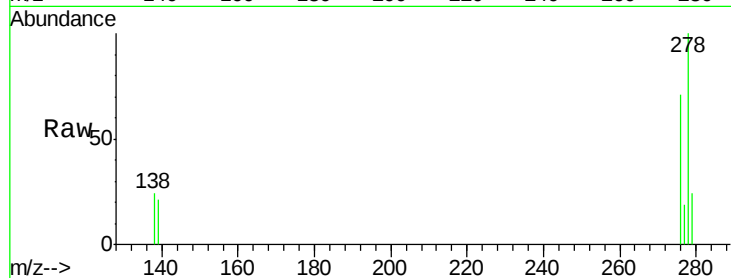




#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.00 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 278 Resp: 23165
Ion Ratio Lower Upper
278 100
139 21.1 21.4 32.0#
279 24.5 22.2 33.2



#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BE093675.D
Acq: 5 Aug 2017 14:59

Tgt Ion: 276 Resp: 22678
Ion Ratio Lower Upper
276 100
277 24.7 21.2 31.8
138 24.8 24.5 36.7

