

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093930.D
 Acq On : 5 Sep 2017 10:43
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 05 12:11:39 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 12:08:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1879	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9676	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5485	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10518	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13822	0.40	ng	0.00
34) Perylene-d12	23.94	264	11333	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2400	0.41	ng	0.00
5) Phenol-d6	7.11	99	3546	0.40	ng	0.00
8) Nitrobenzene-d5	9.08	82	3259	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6354	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	704	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	8880	0.41	ng	0.00
25) Fluoranthene-d10	19.28	212	61232	0.50	ng	0.00
29) Terphenyl-d14	19.87	244	10174	0.41	ng	0.00

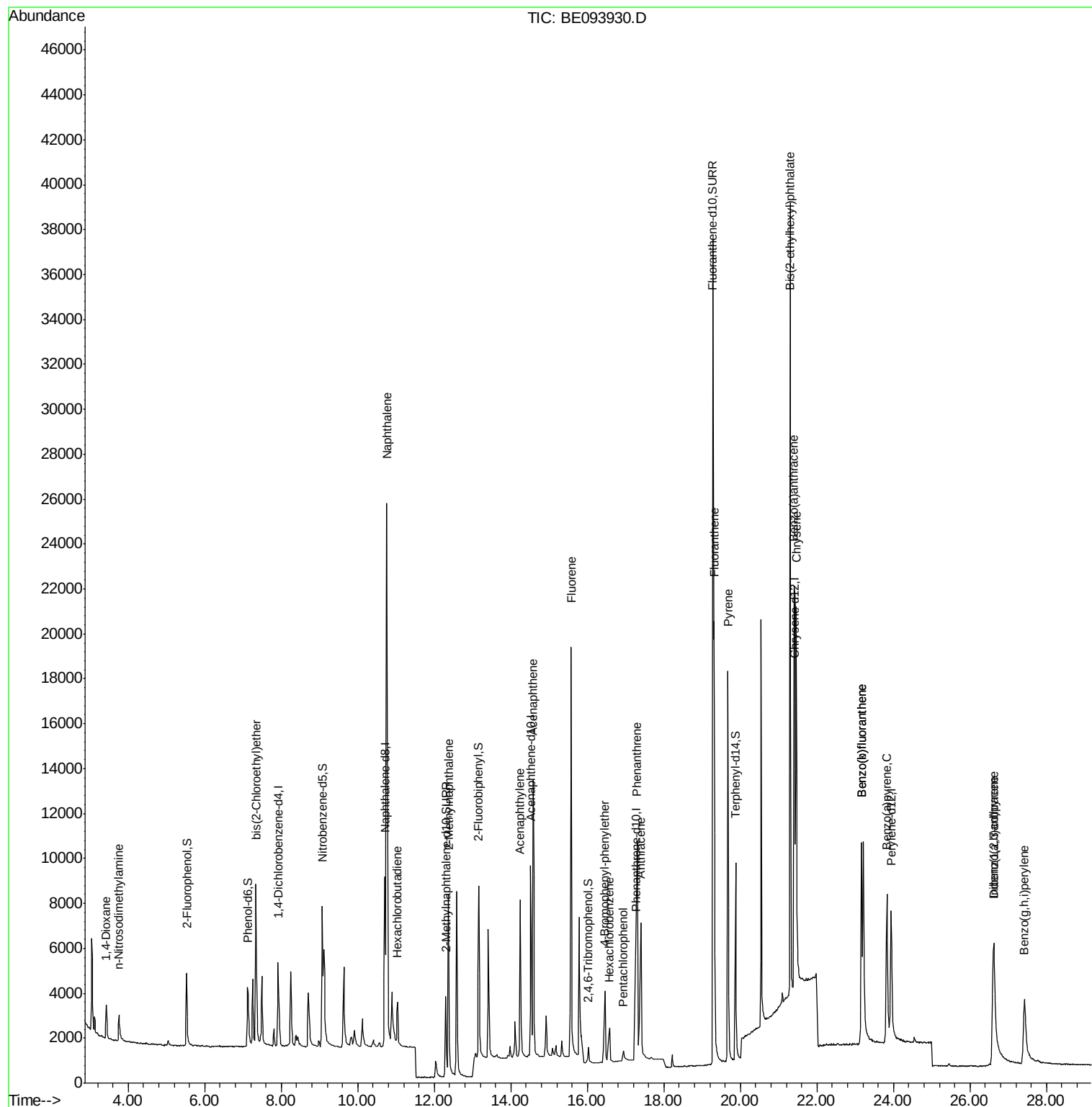
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	1024	0.397	ng	96
3) n-Nitrosodimethylamine	3.75	42	1212	0.422	ng	# 97
6) bis(2-Chloroethyl)ether	7.34	93	2967	0.436	ng	87
9) Naphthalene	10.76	128	44969	0.408	ng	100
10) Hexachlorobutadiene	11.04	225	1622	0.417	ng	98
12) 2-Methylnaphthalene	12.37	142	7519	0.408	ng	99
16) Acenaphthylene	14.24	152	10666	0.393	ng	99
17) Acenaphthene	14.58	154	7516	0.411	ng	98
18) Fluorene	15.58	166	9397	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	2719	0.624	ng	85
21) Hexachlorobenzene	16.58	284	2656	0.700	ng	# 100
22) Pentachlorophenol	16.94	266	667	0.405	ng	97
23) Phenanthrene	17.30	178	17463	0.653	ng	# 100
24) Anthracene	17.40	178	10327	0.324	ng	# 56
26) Fluoranthene	19.31	202	18087	0.494	ng	99
28) Pyrene	19.67	202	18958	0.408	ng	100
30) Benzo(a)anthracene	21.40	228	17119	0.417	ng	98
31) Chrysene	21.46	228	17830	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	39429	0.456	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	11819	0.380	ng	98
35) Benzo(b)fluoranthene	23.17	252	14487	0.400	ng	97
36) Benzo(k)fluoranthene	23.17	252	14487	0.350	ng	94
37) Benzo(a)pyrene	23.83	252	14646	0.408	ng	95
38) Dibenzo(a,h)anthracene	26.63	278	9791	0.386	ng	# 91
39) Benzo(g,h,i)perylene	27.42	276	10254	0.371	ng	98

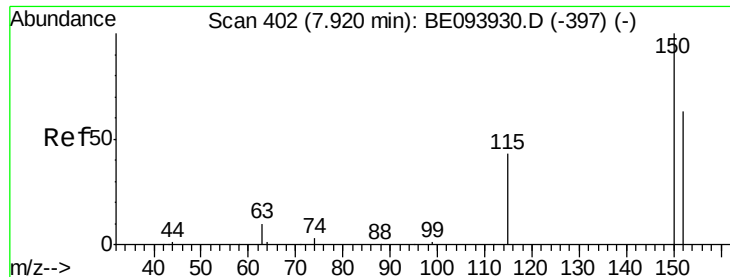
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 12:08:29 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

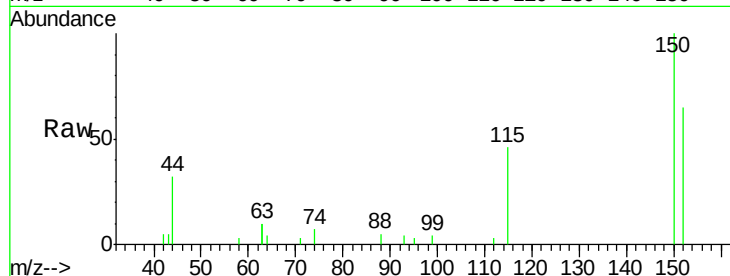
Tgt Ion:152 Resp: 1879

Ion Ratio Lower Upper

152 100

150 155.0 121.8 182.6

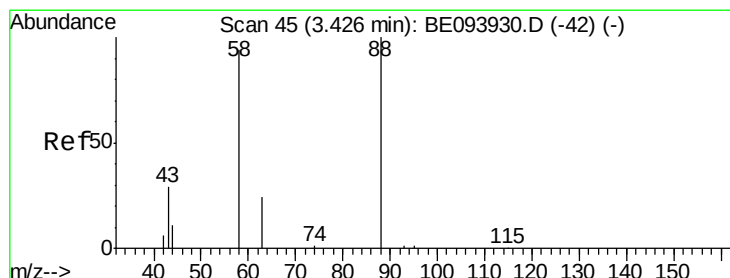
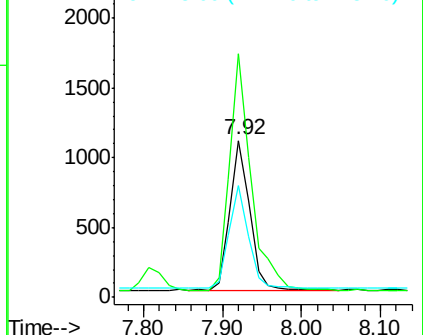
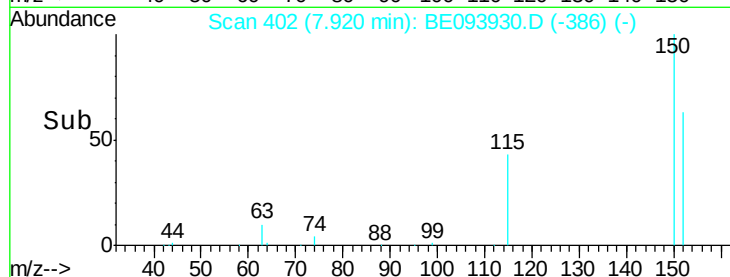
115 70.9 52.6 79.0



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: 0.397 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

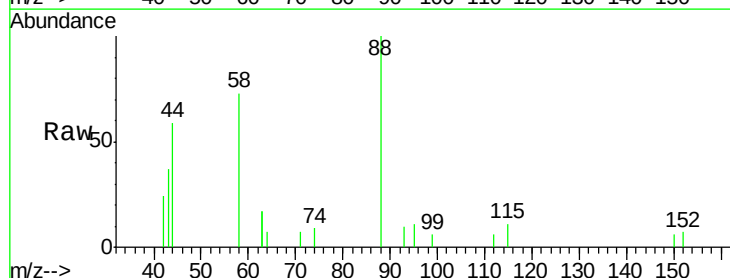
Tgt Ion: 88 Resp: 1024

Ion Ratio Lower Upper

88 100

58 86.4 65.4 98.0

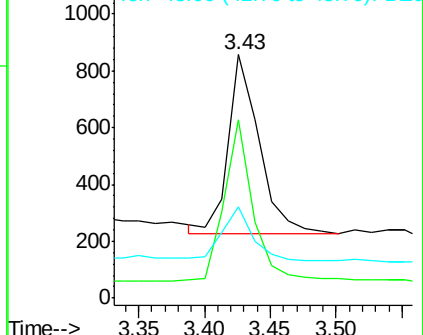
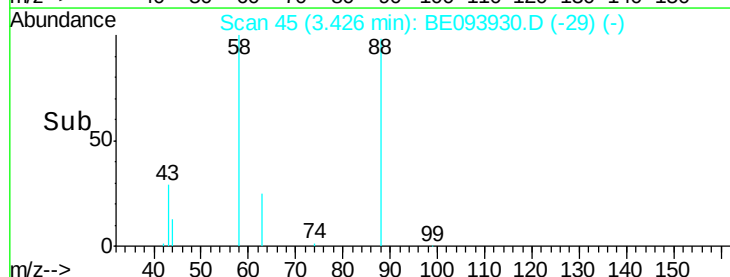
43 30.7 23.9 35.9

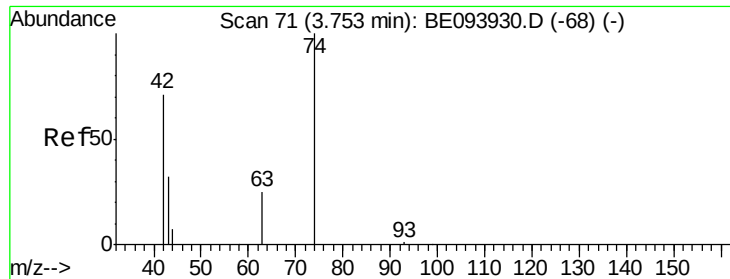


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



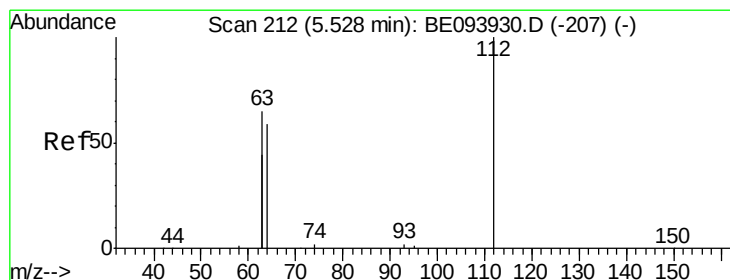
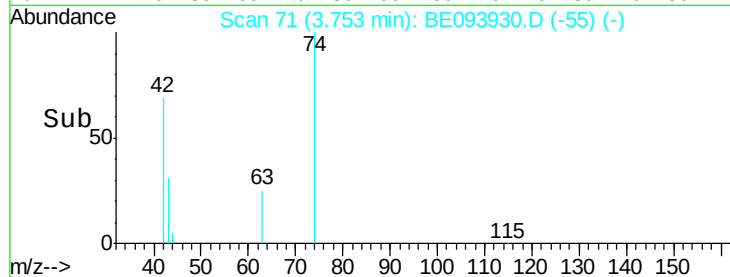
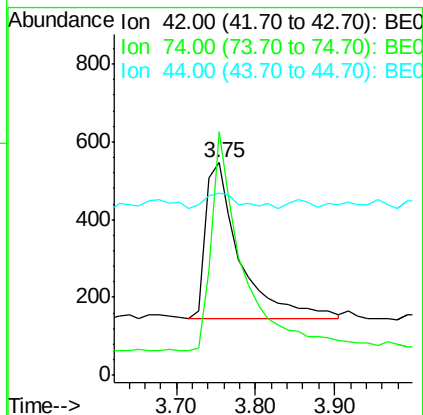
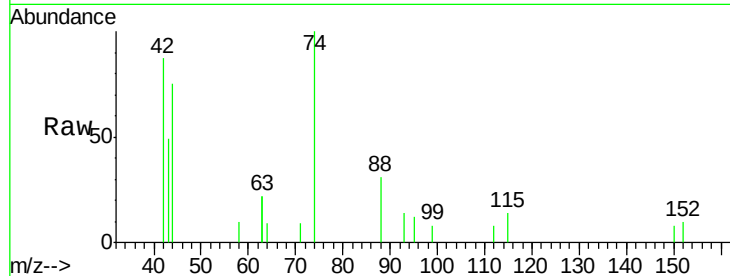


#3

n-Nitrosodimethylamine
 Concen: 0.422 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE093930.D
 Acq: 5 Sep 2017 10:43

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

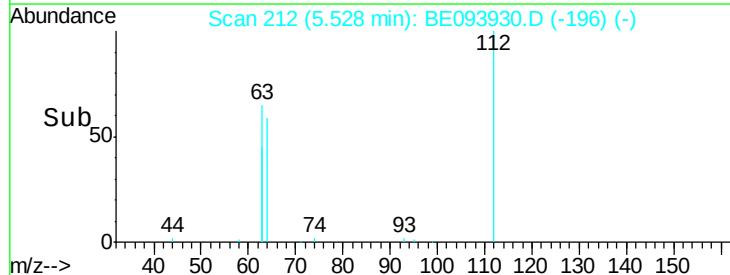
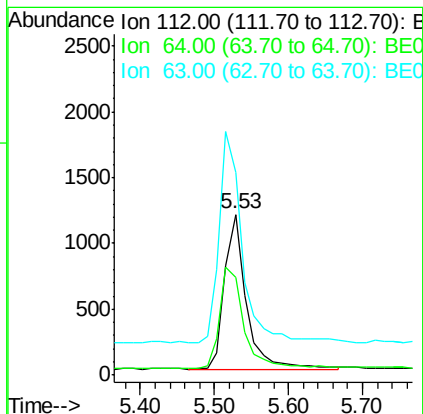
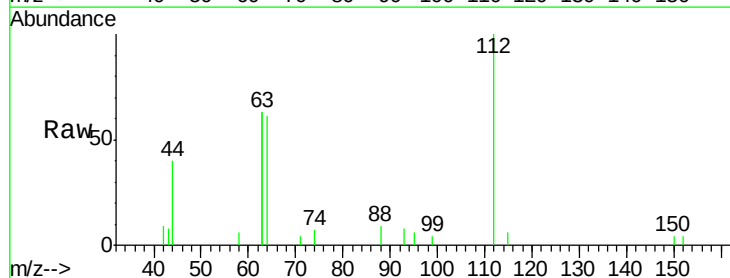
Tgt Ion: 42 Resp: 1212
 Ion Ratio Lower Upper
 42 100
 74 129.0 104.0 156.0
 44 10.1 13.8 20.8#

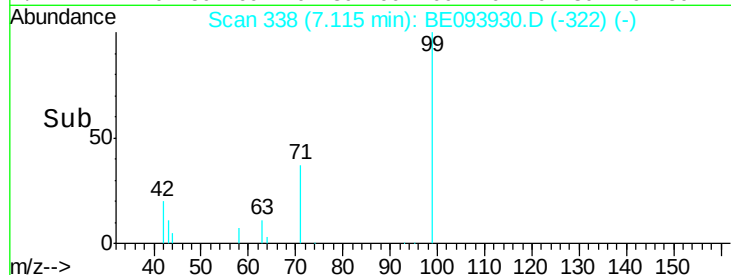
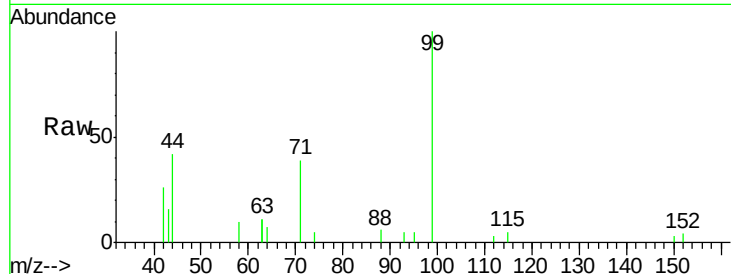
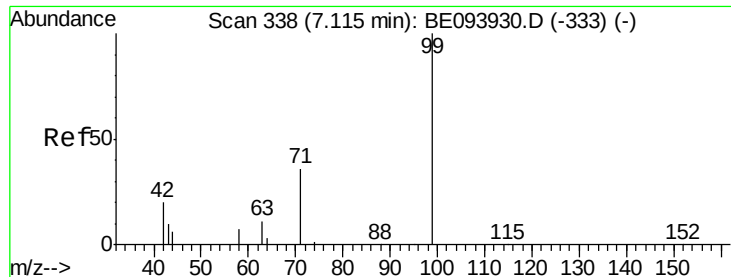


#4

2-Fluorophenol
 Concen: 0.415 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093930.D
 Acq: 5 Sep 2017 10:43

Tgt Ion: 112 Resp: 2400
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.7 86.5
 63 141.9 116.0 174.0





#5

Phenol-d6

Concen: 0.401 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

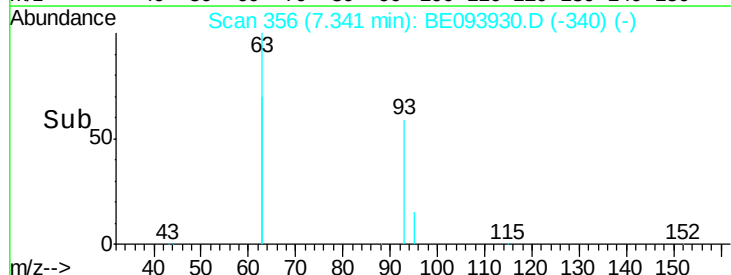
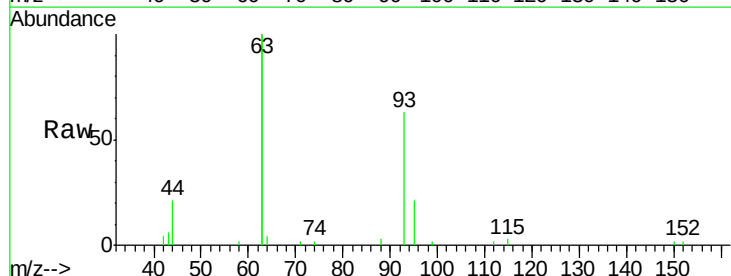
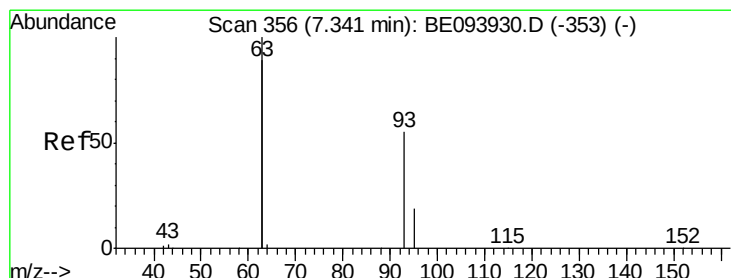
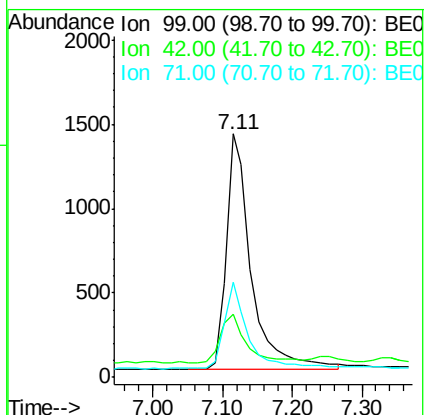
Tgt Ion: 99 Resp: 3546

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

71 34.7 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.436 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

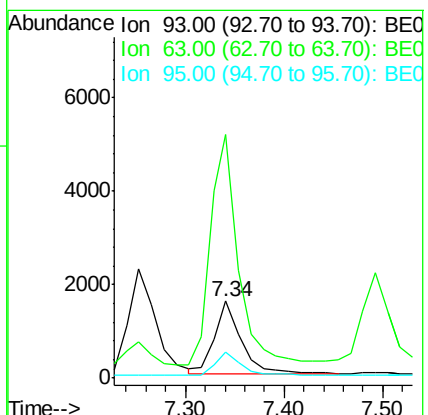
Tgt Ion: 93 Resp: 2967

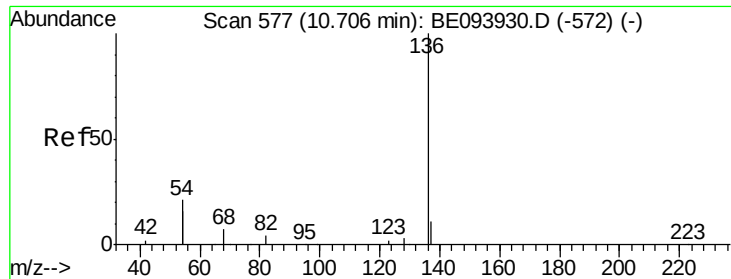
Ion Ratio Lower Upper

93 100

63 324.7 283.4 425.2

95 30.4 26.9 40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 9676

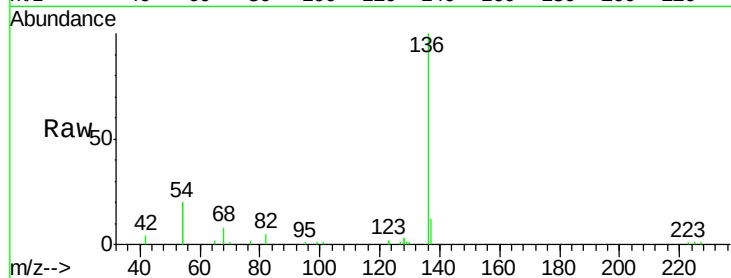
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 40.7 21.9 32.9#

68 8.3 4.6 7.0#

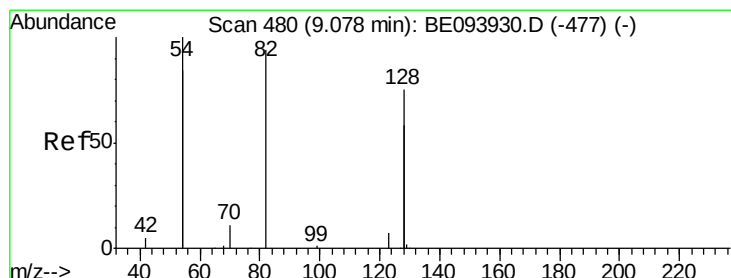
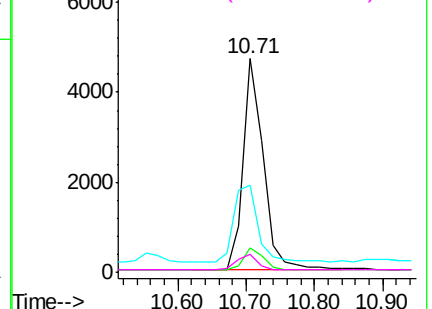
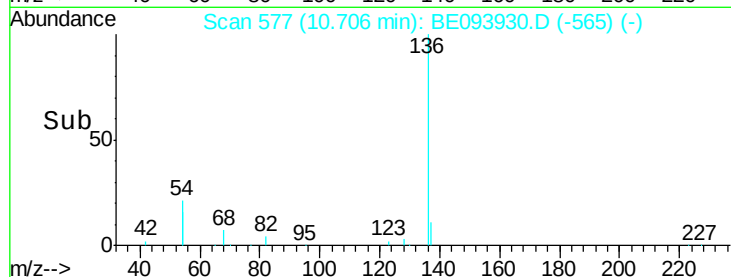


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

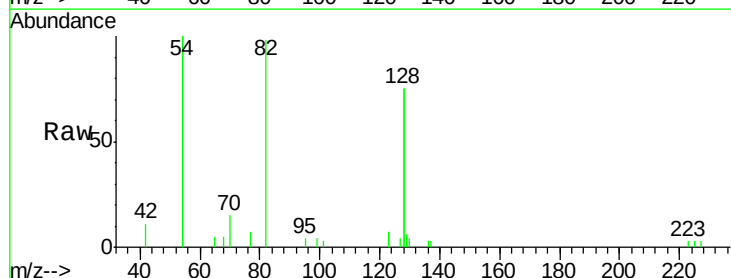
Tgt Ion: 82 Resp: 3259

Ion Ratio Lower Upper

82 100

128 153.0 91.4 137.0#

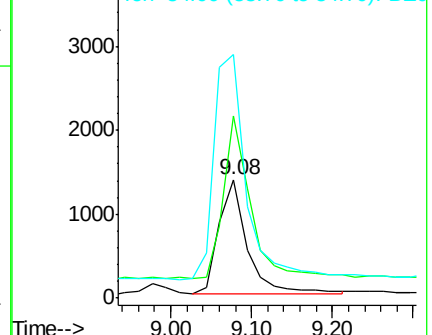
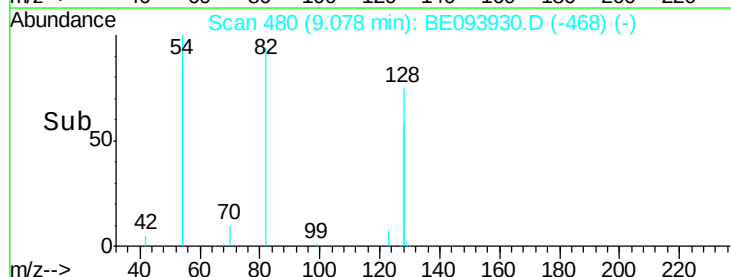
54 204.9 197.8 296.8

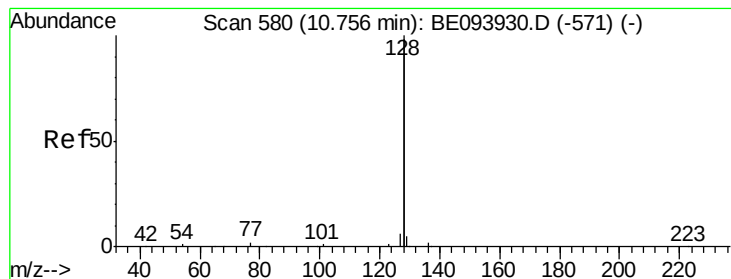


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

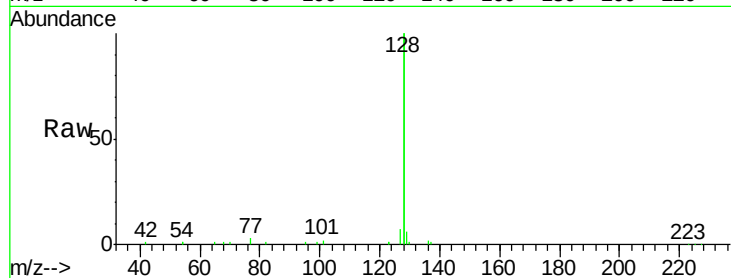
Tgt Ion:128 Resp: 44969

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

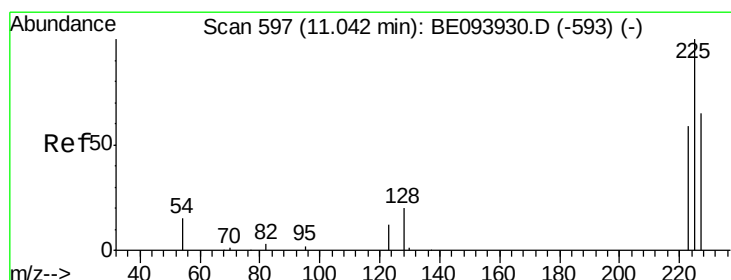
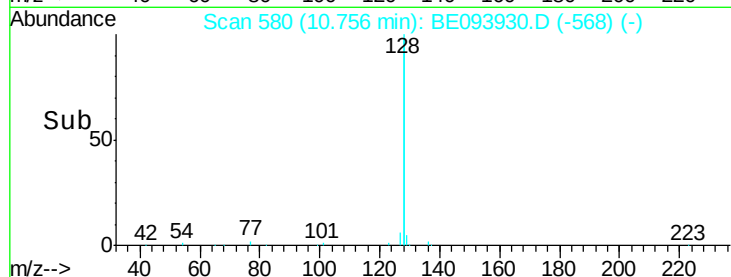
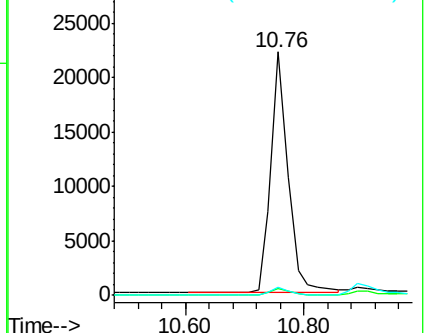
127 3.4 2.6 4.0



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: 0.417 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

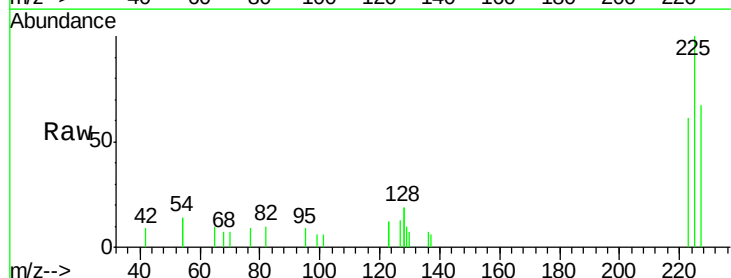
Tgt Ion:225 Resp: 1622

Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.0

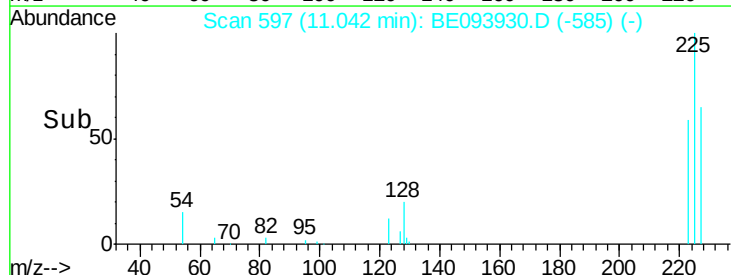
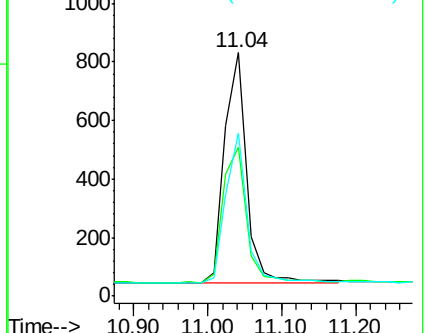
227 63.9 50.5 75.7

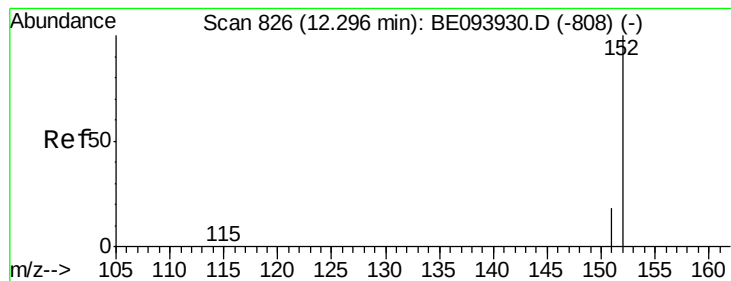


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.30 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

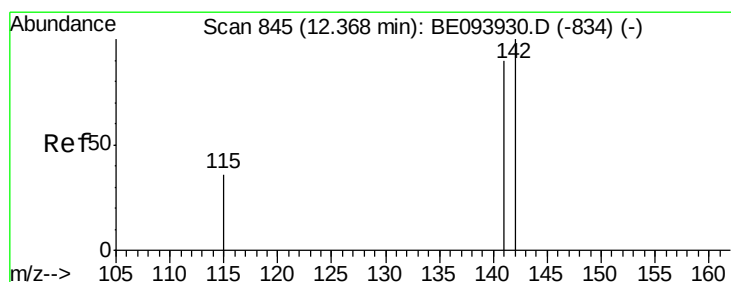
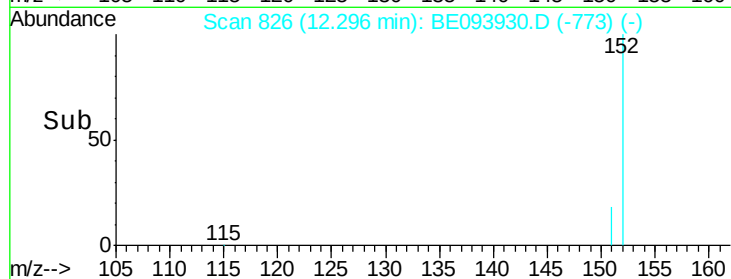
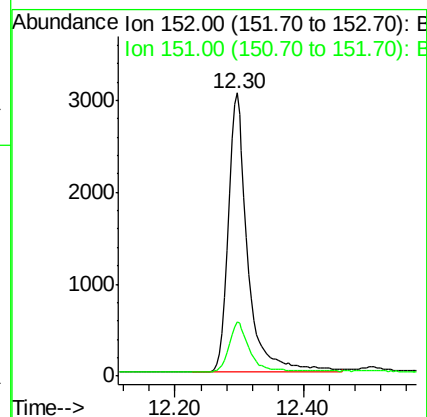
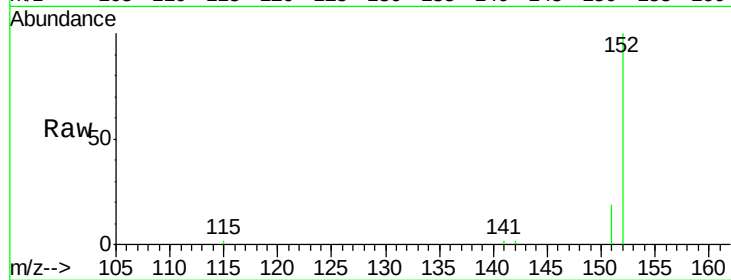
SSTDICCC0.4

Tgt Ion:152 Resp: 6354

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

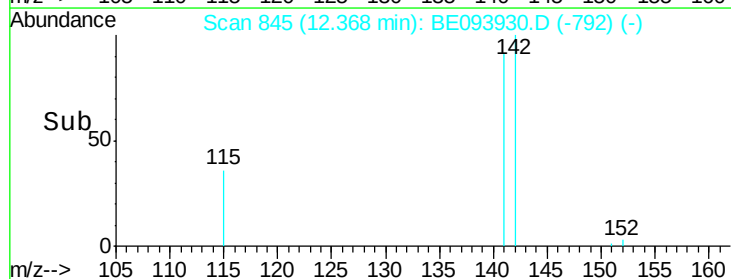
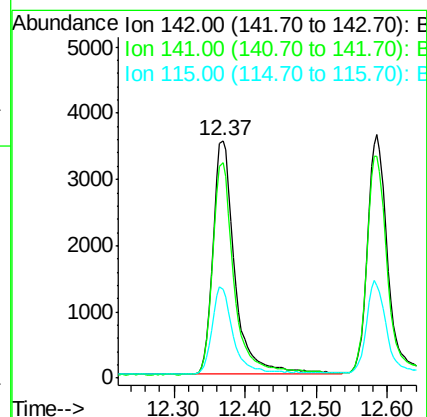
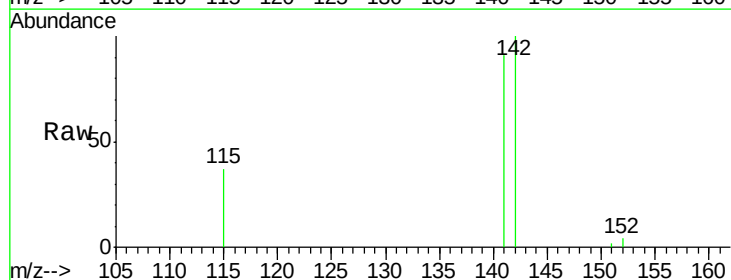
Tgt Ion:142 Resp: 7519

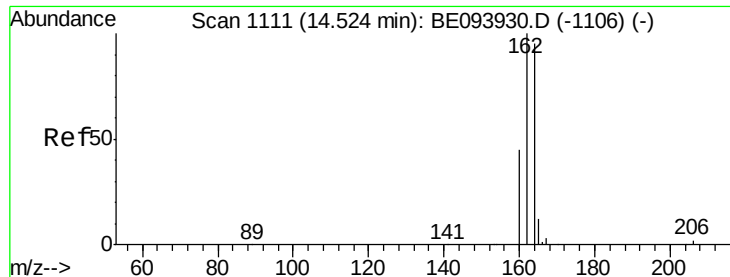
Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.2

115 37.3 29.4 44.0

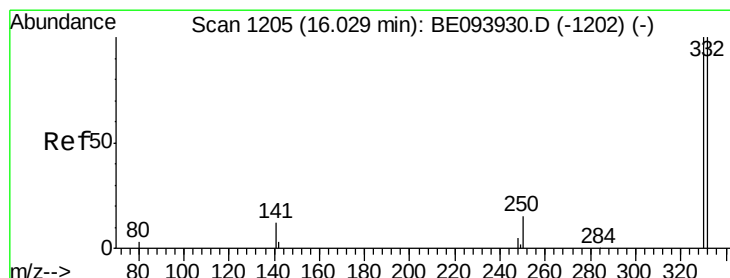
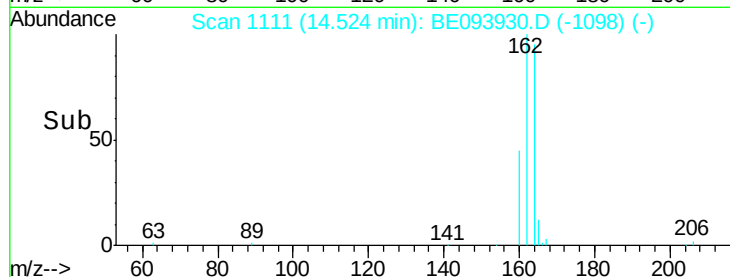
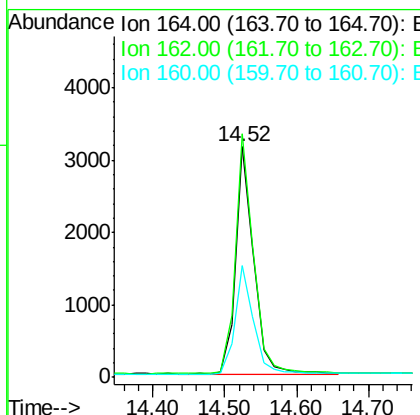
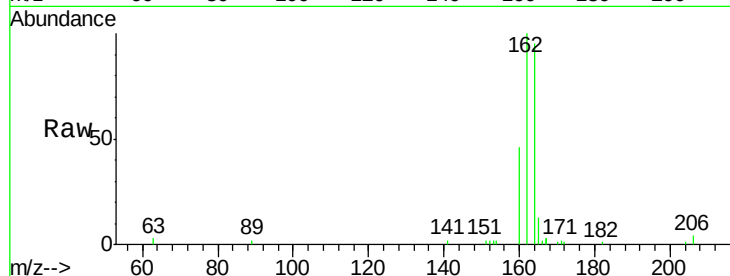




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE093930.D
 Acq: 5 Sep 2017 10:43

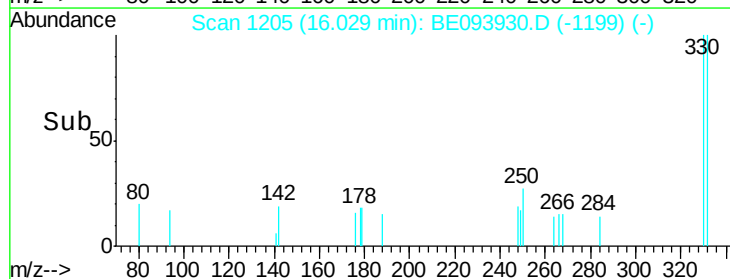
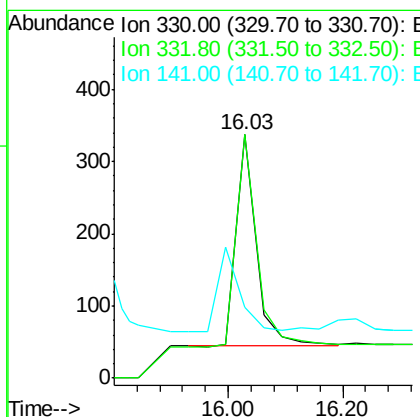
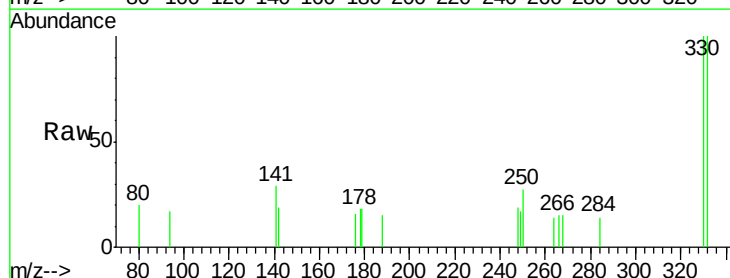
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

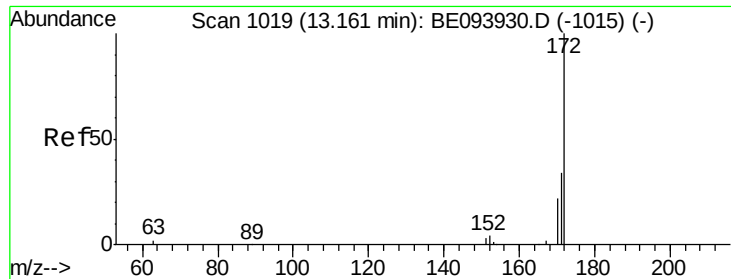
Tgt Ion:164 Resp: 5485
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.8 121.2
 160 48.5 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.479 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093930.D
 Acq: 5 Sep 2017 10:43

Tgt Ion:330 Resp: 704
 Ion Ratio Lower Upper
 330 100
 332 104.4 76.9 115.3
 141 0.0 0.0 0.0

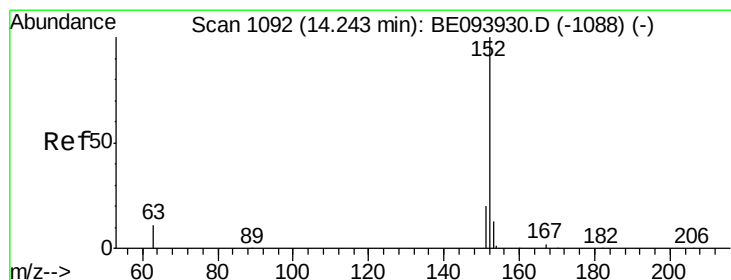
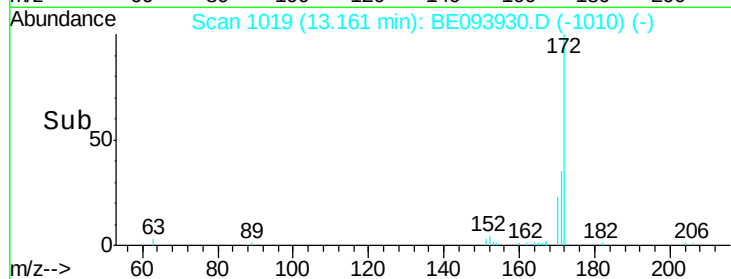
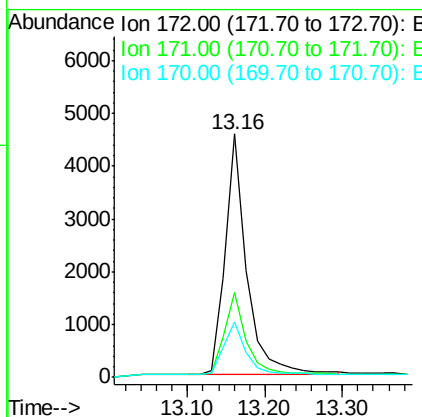
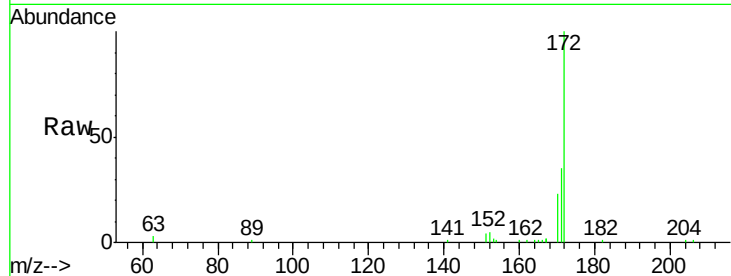




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

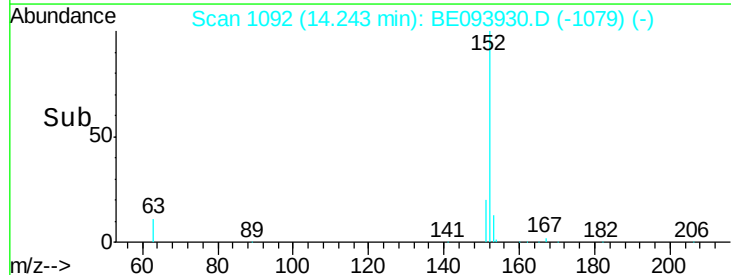
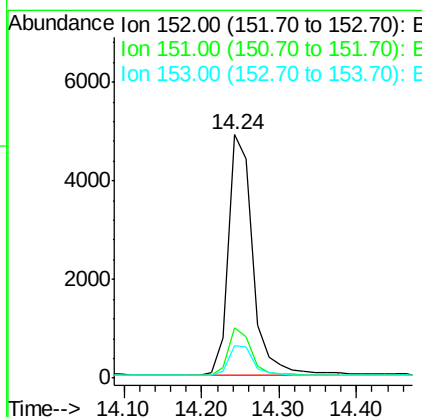
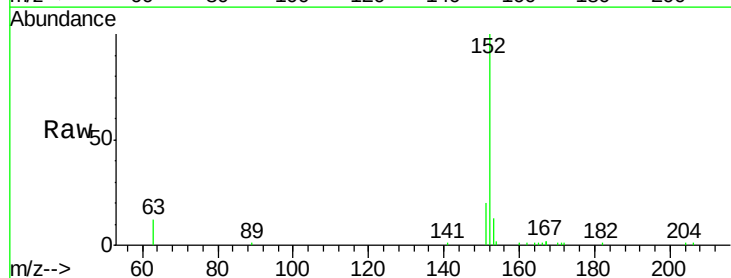
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

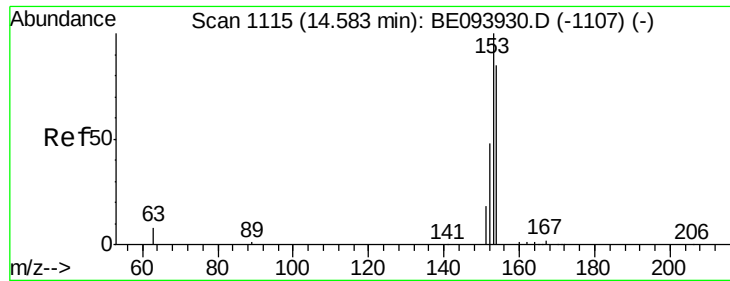
Tgt Ion:172 Resp: 8880
Ion Ratio Lower Upper
172 100
171 34.9 26.9 40.3
170 23.0 17.3 25.9



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:152 Resp: 10666
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 13.0 10.6 16.0

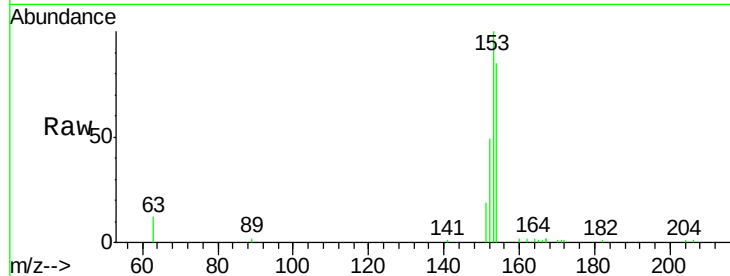




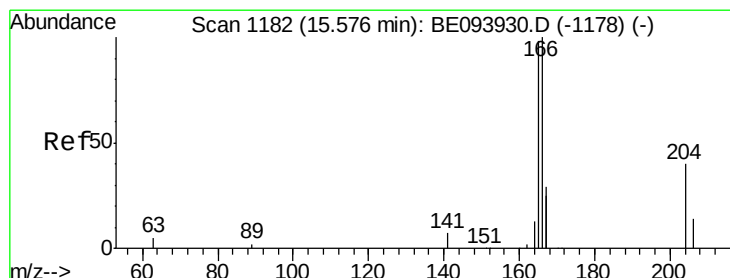
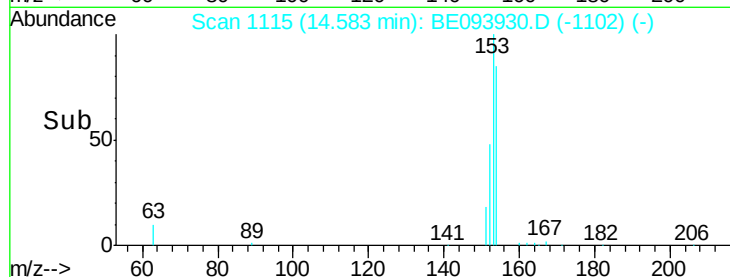
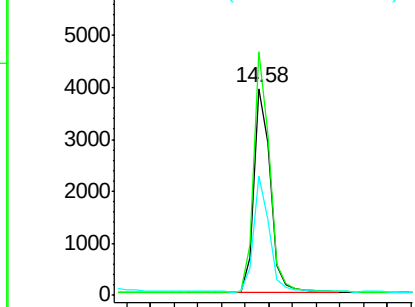
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.58 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 7516
Ion Ratio Lower Upper
154 100
153 113.8 91.8 137.6
152 53.8 44.9 67.3

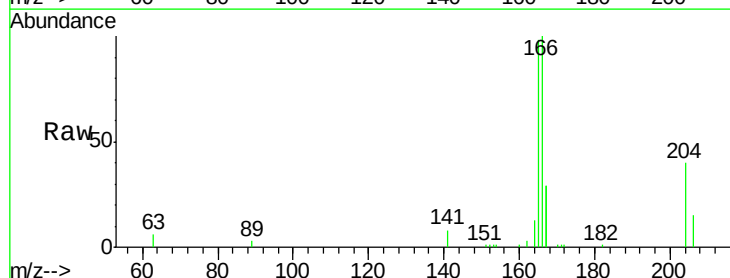


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

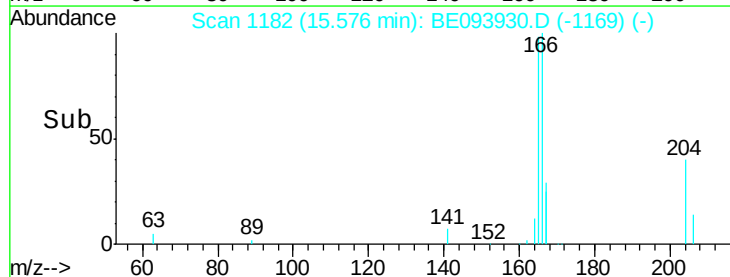
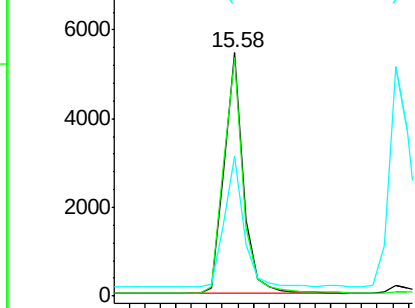


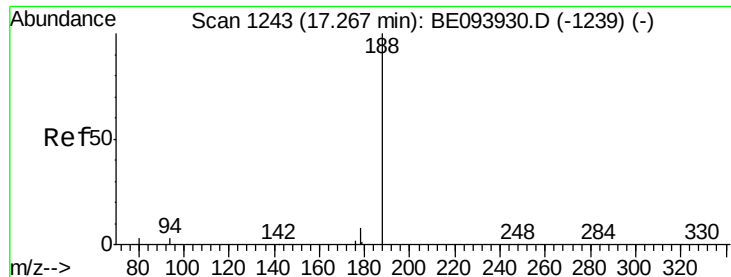
#18
Fluorene
Concen: 0.397 ng
RT: 15.58 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:166 Resp: 9397
Ion Ratio Lower Upper
166 100
165 99.5 79.4 119.0
167 54.4 43.5 65.3



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: 17.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

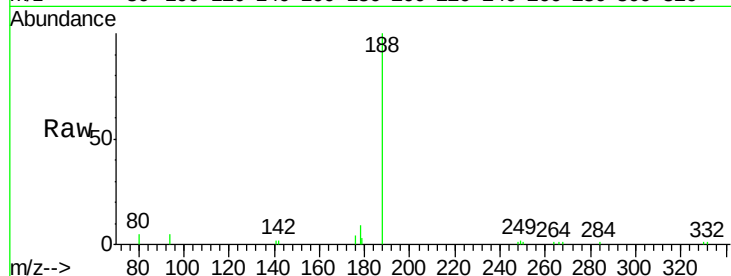
Tgt Ion:188 Resp: 10518

Ion Ratio Lower Upper

188 100

94 4.7 16.1 24.1#

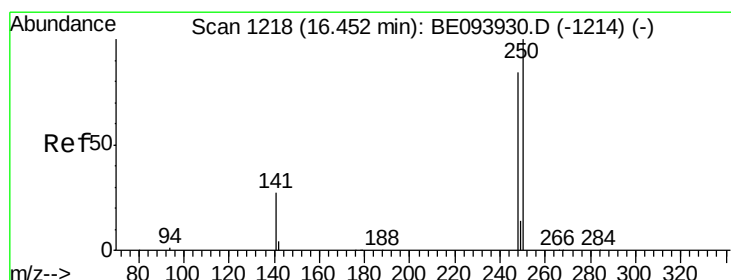
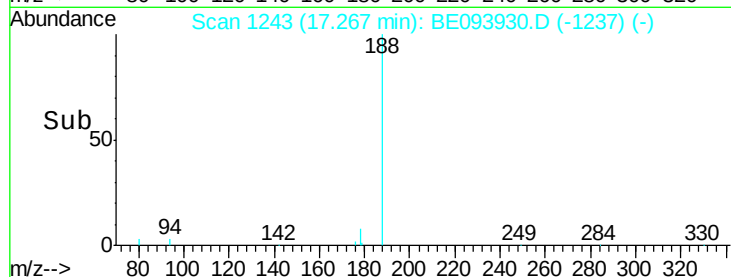
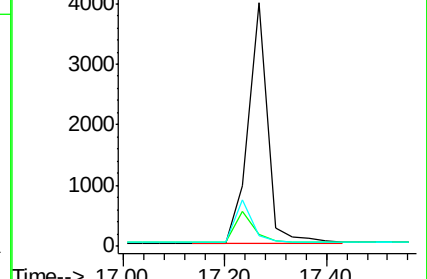
80 4.6 18.2 27.2#



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: 0.624 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

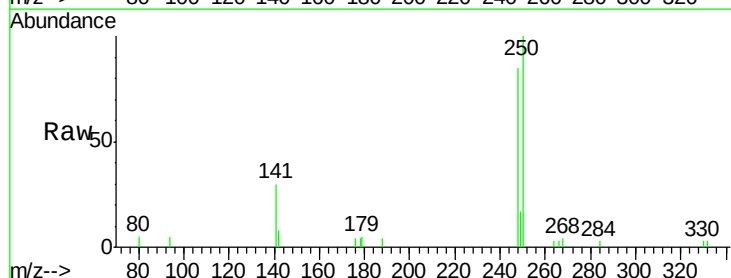
Tgt Ion:248 Resp: 2719

Ion Ratio Lower Upper

248 100

250 118.3 111.8 167.8

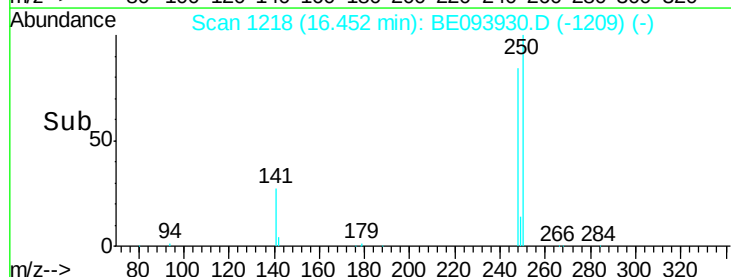
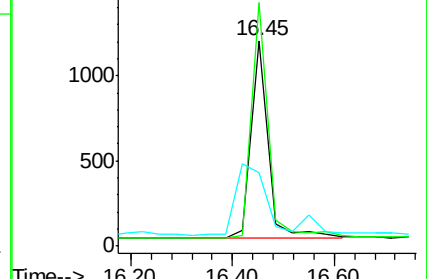
141 35.9 27.1 40.7

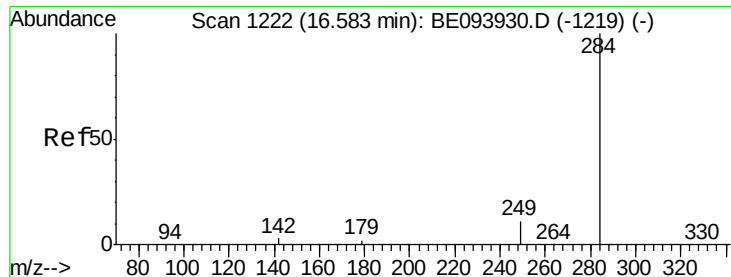


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

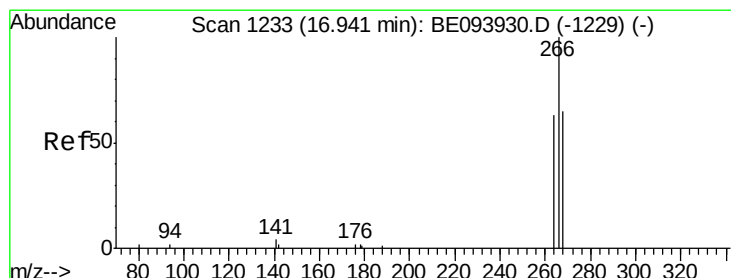
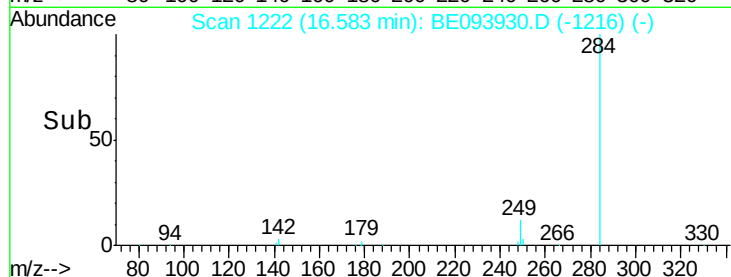
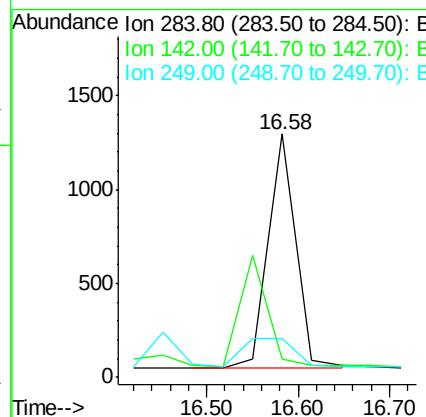
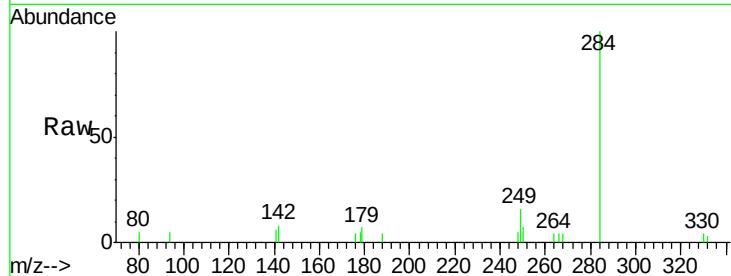




#21
Hexachlorobenzene
Concen: 0.700 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

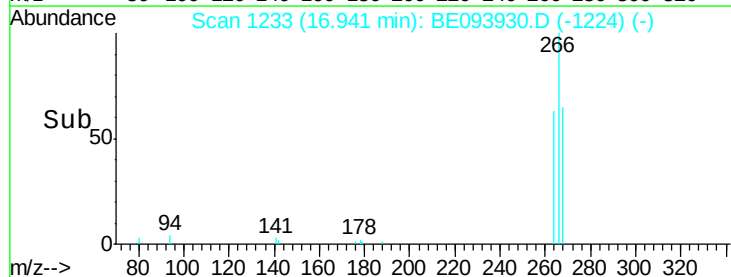
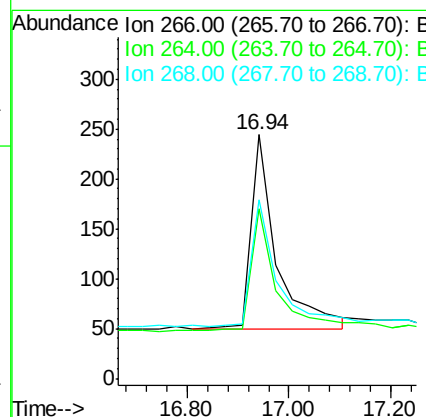
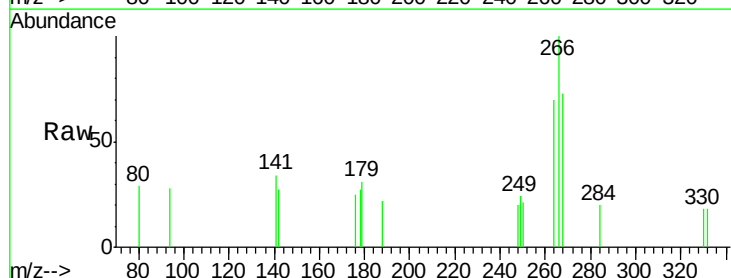
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

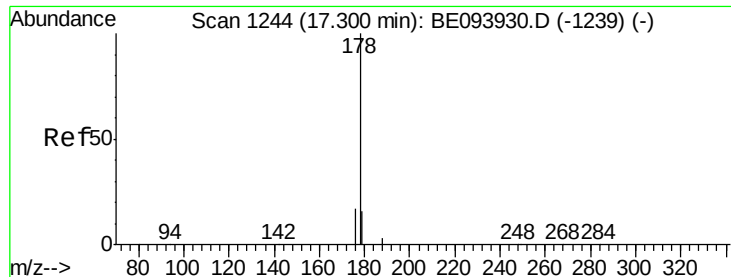
Tgt Ion:284 Resp: 2656
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 22.3 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.405 ng
RT: 16.94 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093930.D
Acq: 5 Sep 2017 10:43

Tgt Ion:266 Resp: 667
Ion Ratio Lower Upper
266 100
264 69.7 53.5 80.3
268 73.4 60.0 90.0





#23

Phenanthrene

Concen: 0.653 ng

RT: 17.30 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

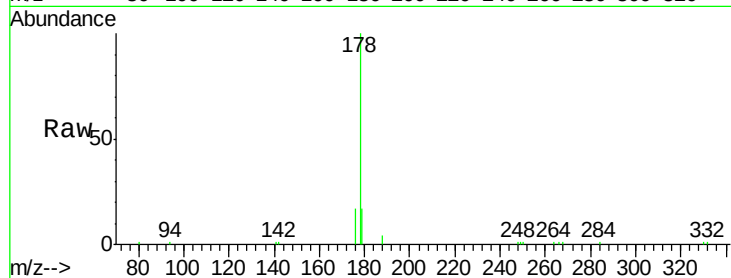
Tgt Ion:178 Resp: 17463

Ion Ratio Lower Upper

178 100

176 18.6 0.0 0.0#

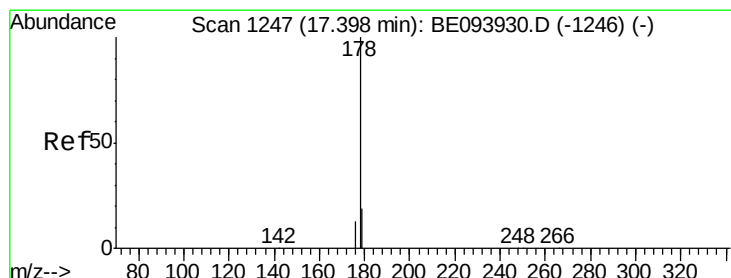
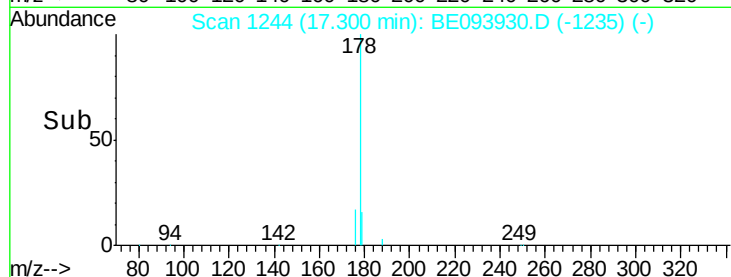
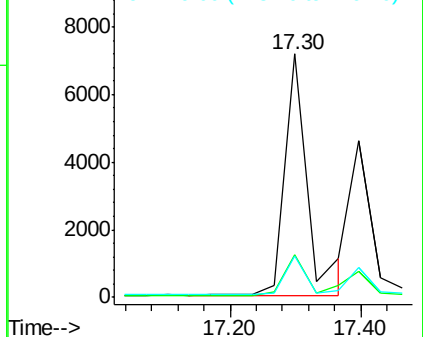
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.324 ng

RT: 17.40 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

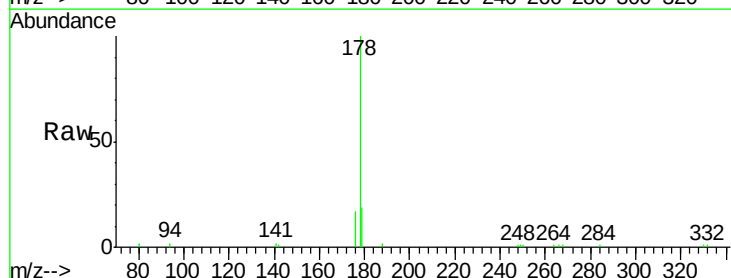
Tgt Ion:178 Resp: 10327

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

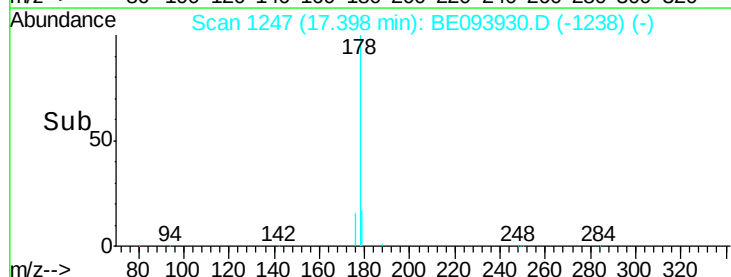
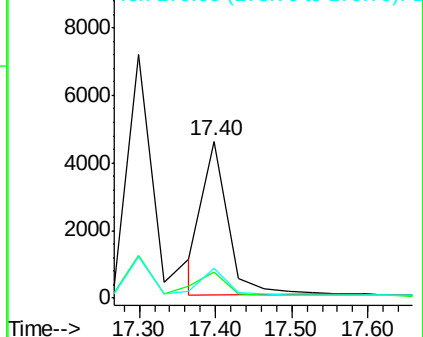
179 17.2 0.0 0.0#

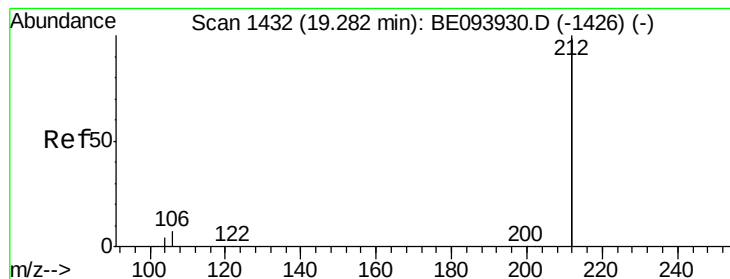


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.505 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

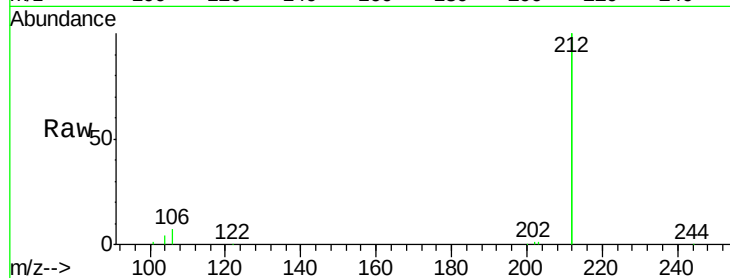
Tgt Ion:212 Resp: 61232

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

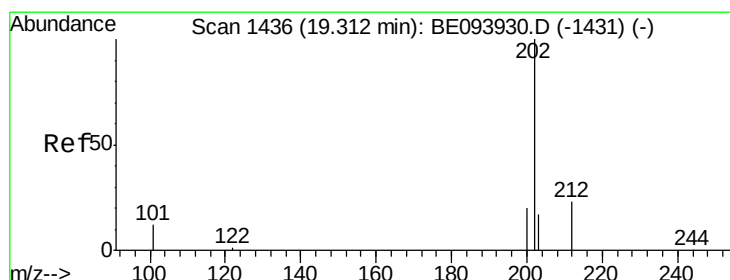
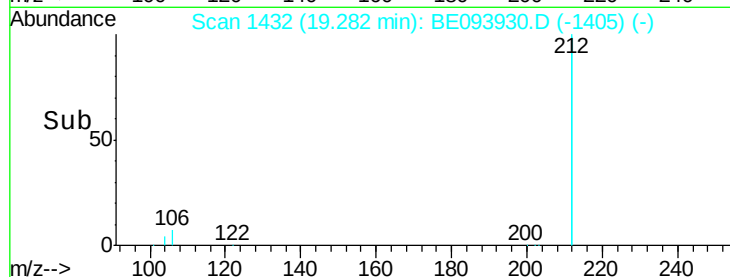
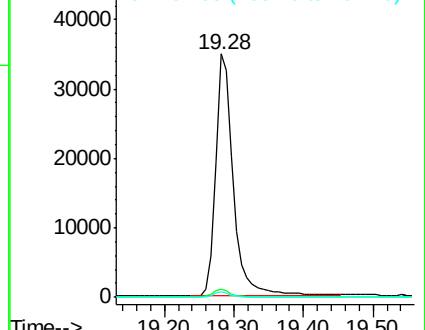
104 1.9 1.6 2.4



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: 0.494 ng

RT: 19.31 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

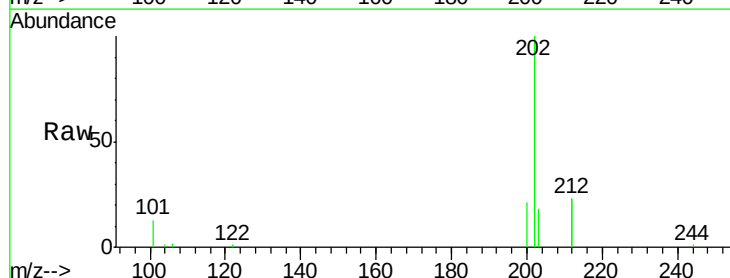
Tgt Ion:202 Resp: 18087

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

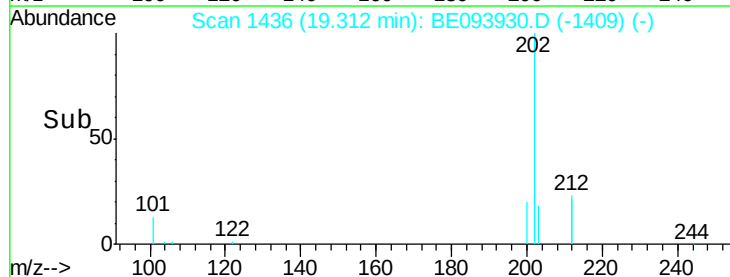
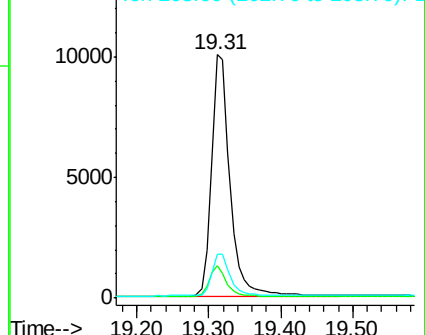
203 16.6 13.7 20.5

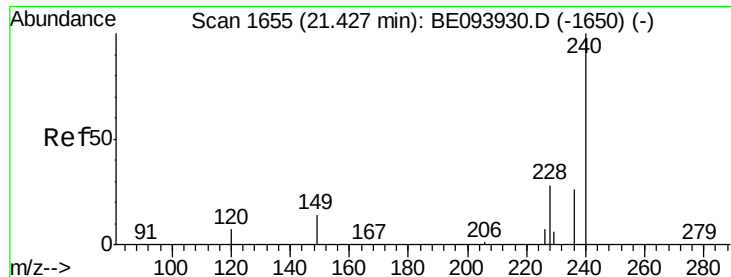


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

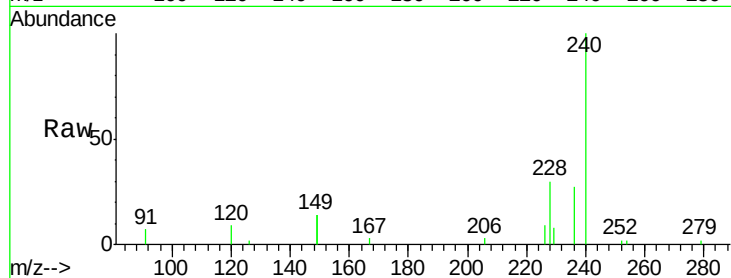
Tgt Ion:240 Resp: 13822

Ion Ratio Lower Upper

240 100

120 9.0 8.7 13.1

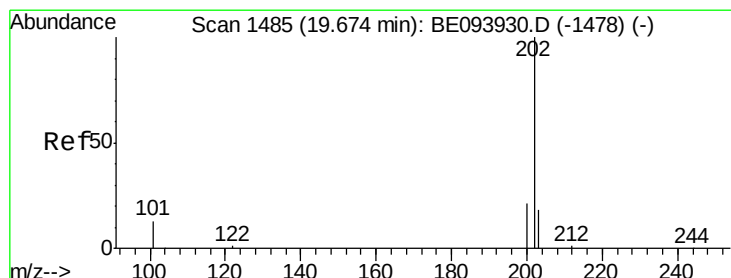
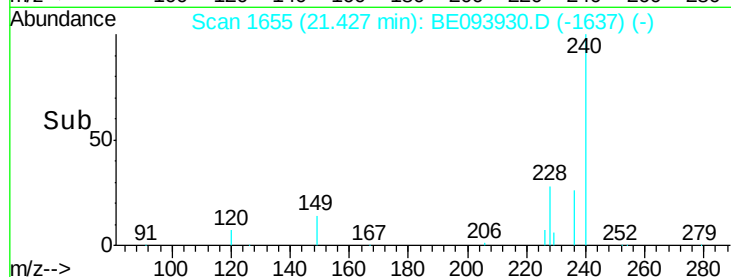
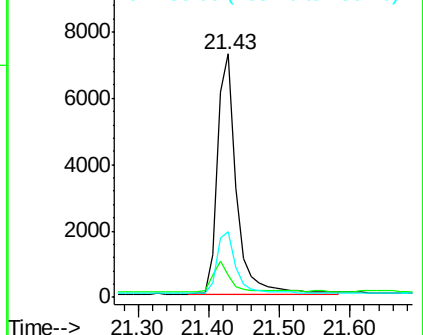
236 26.8 21.3 31.9



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: 0.408 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

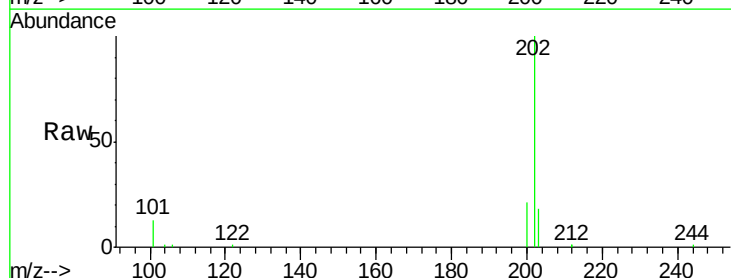
Tgt Ion:202 Resp: 18958

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

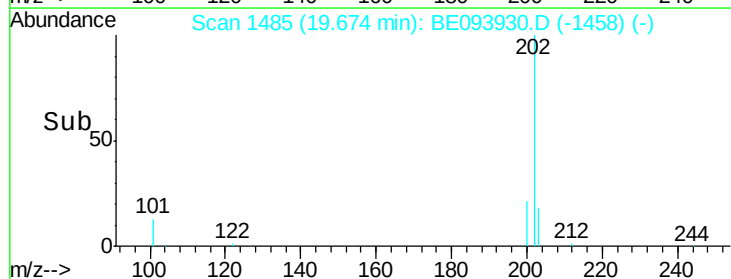
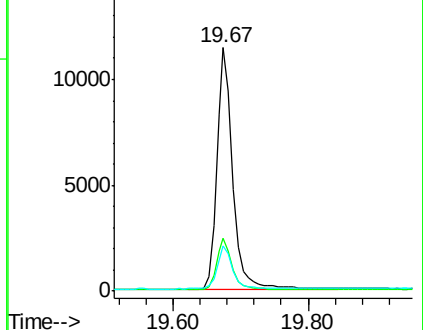
203 17.8 14.2 21.4

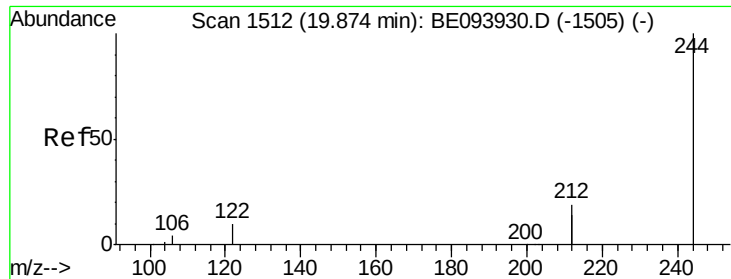


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

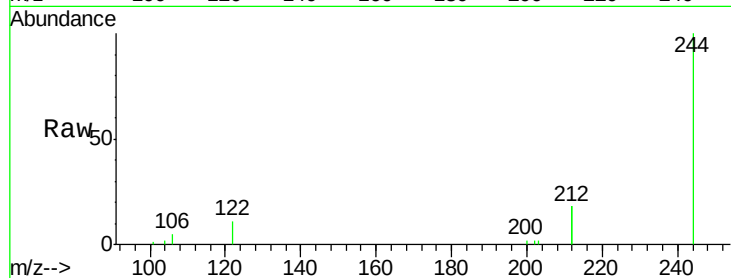
Tgt Ion:244 Resp: 10174

Ion Ratio Lower Upper

244 100

212 37.0 28.3 42.5

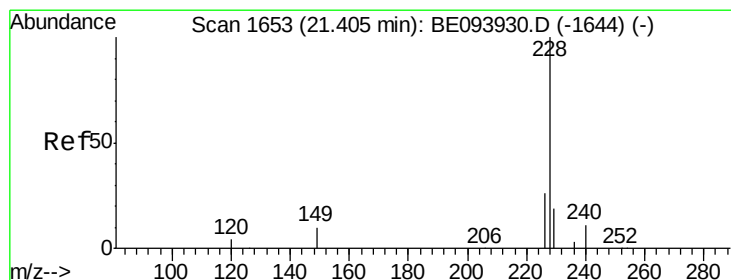
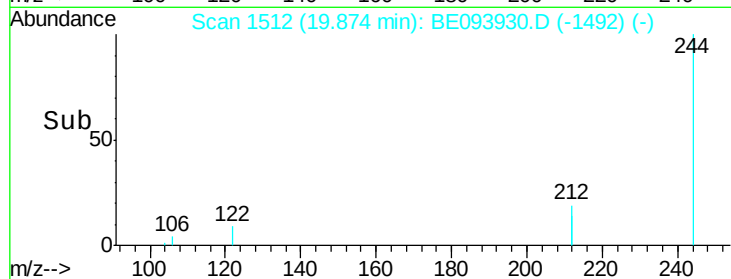
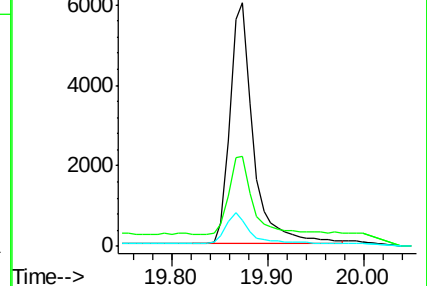
122 10.6 9.4 14.0



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: 0.417 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

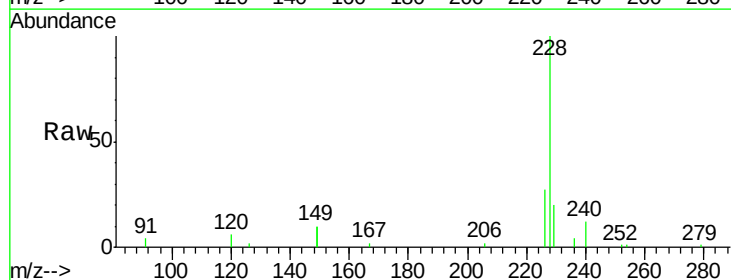
Tgt Ion:228 Resp: 17119

Ion Ratio Lower Upper

228 100

226 27.1 20.8 31.2

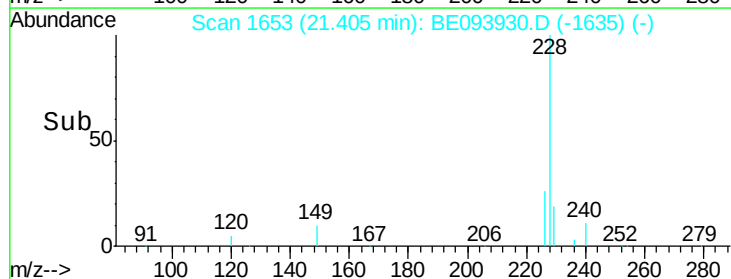
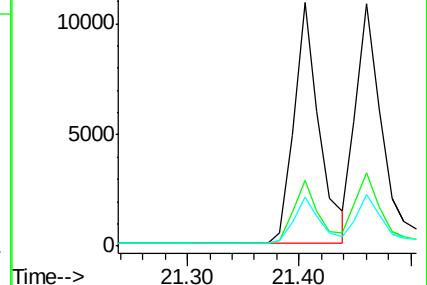
229 20.1 16.6 25.0

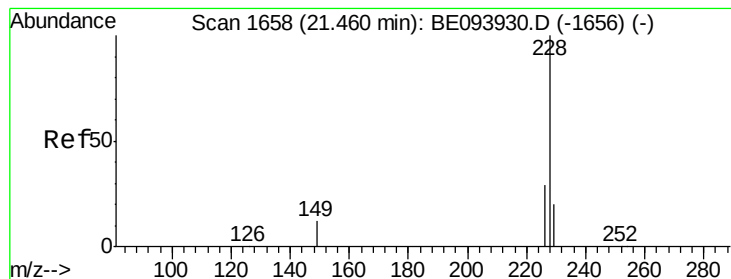


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.46 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

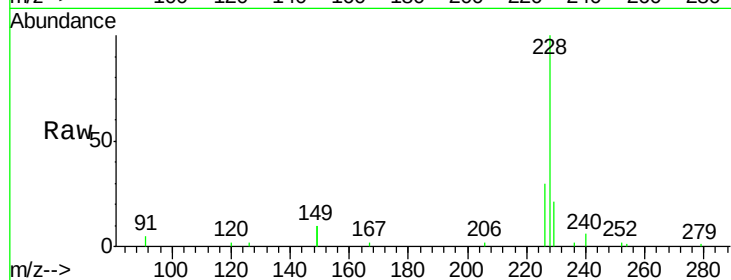
Tgt Ion:228 Resp: 17830

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

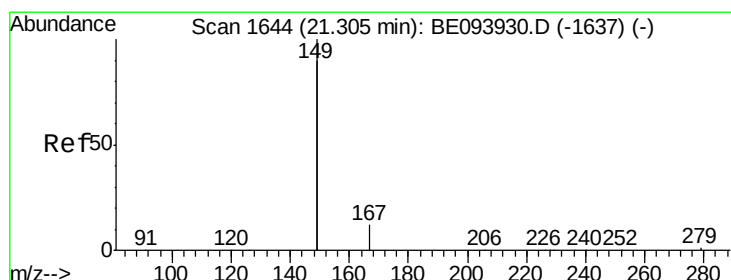
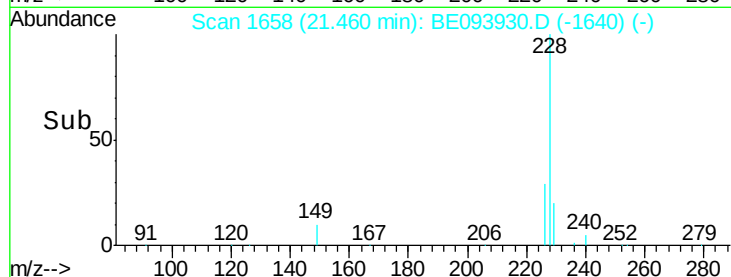
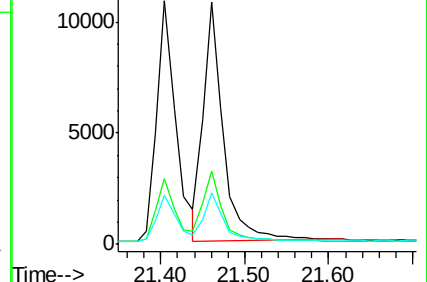
229 21.1 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.456 ng

RT: 21.30 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

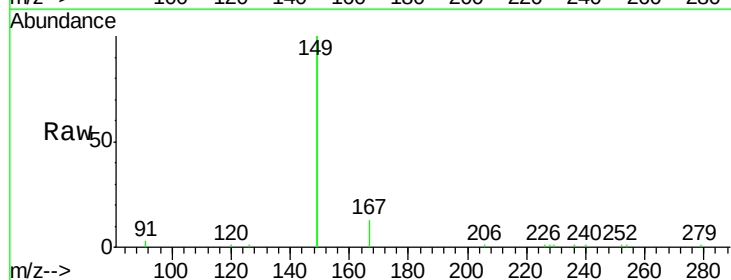
Tgt Ion:149 Resp: 39429

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

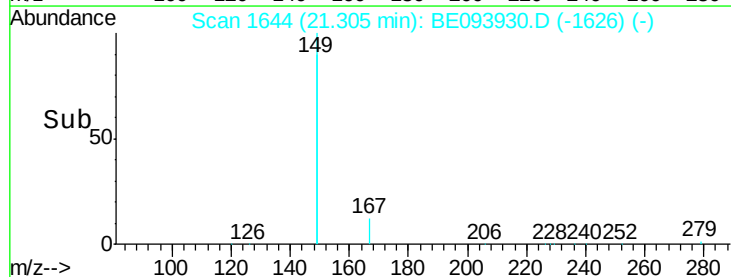
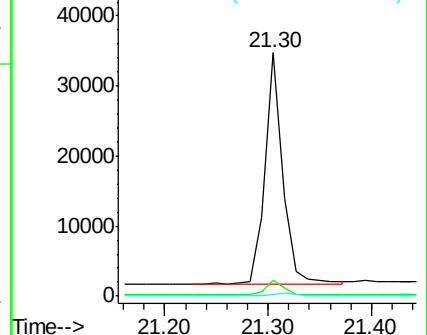
279 0.9 0.7 1.1

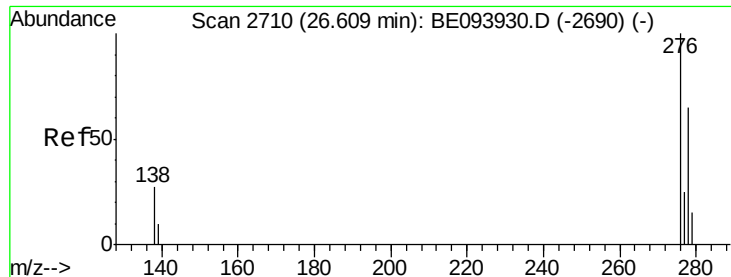


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.380 ng

RT: 26.61 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

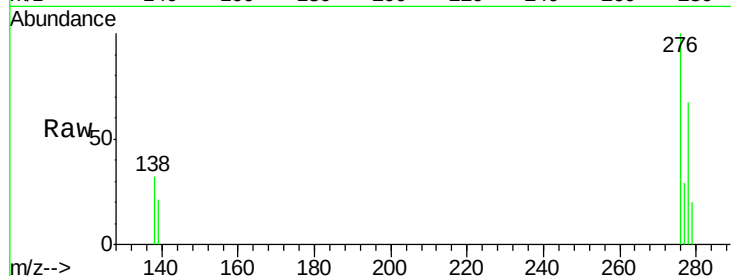
Tgt Ion:276 Resp: 11819

Ion Ratio Lower Upper

276 100

138 26.5 22.2 33.2

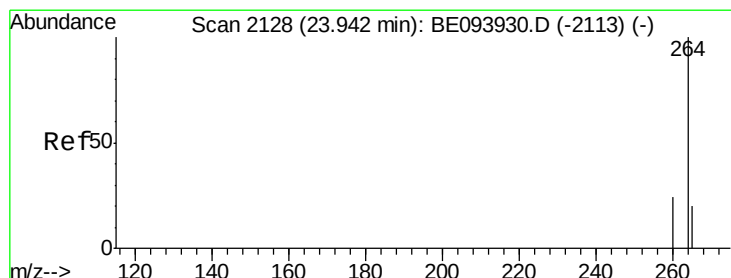
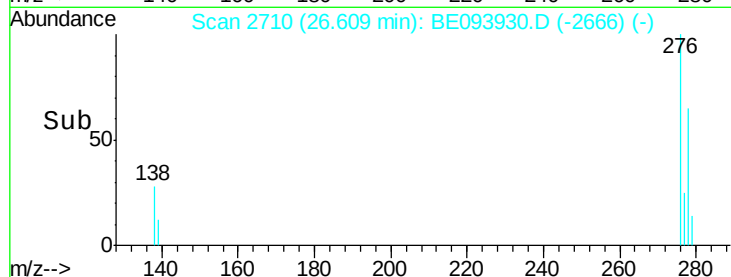
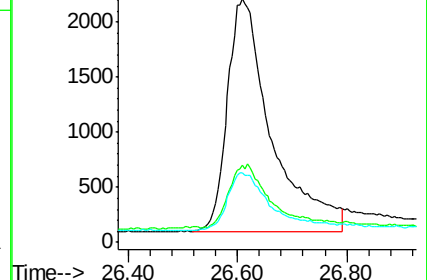
277 23.7 19.5 29.3



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: 23.94 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

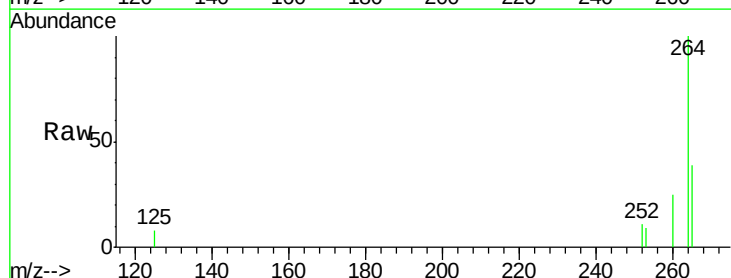
Tgt Ion:264 Resp: 11333

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

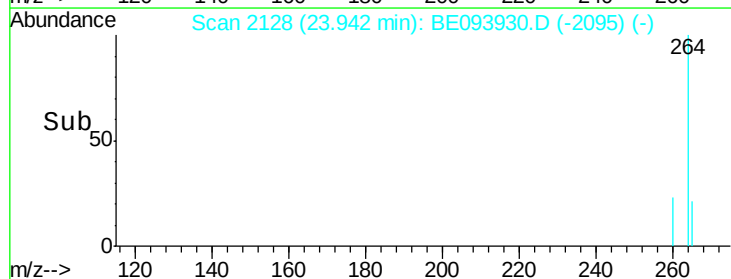
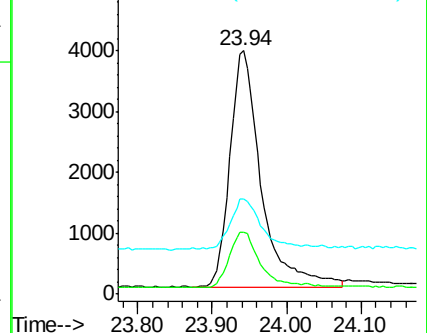
265 38.8 24.0 36.0#

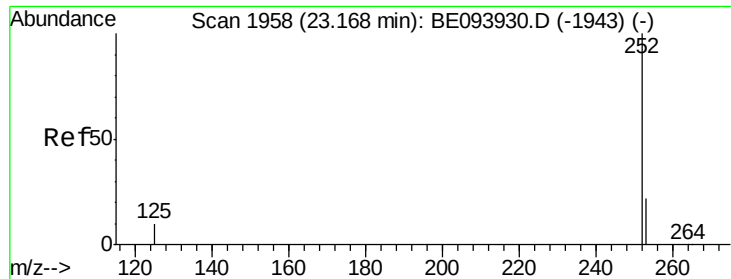


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.400 ng

RT: 23.17 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

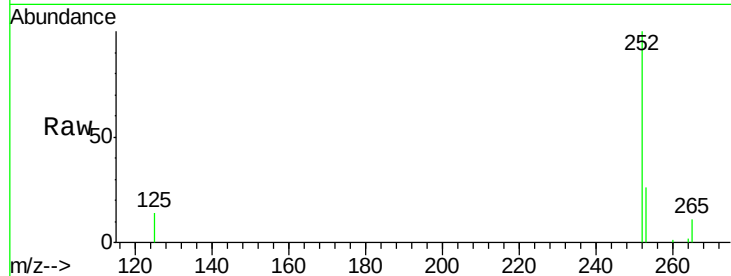
Tgt Ion:252 Resp: 14487

Ion Ratio Lower Upper

252 100

253 25.7 19.4 29.0

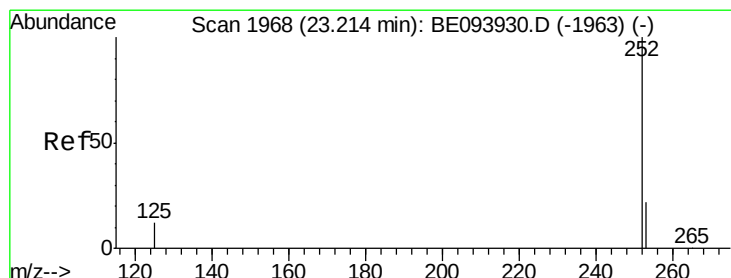
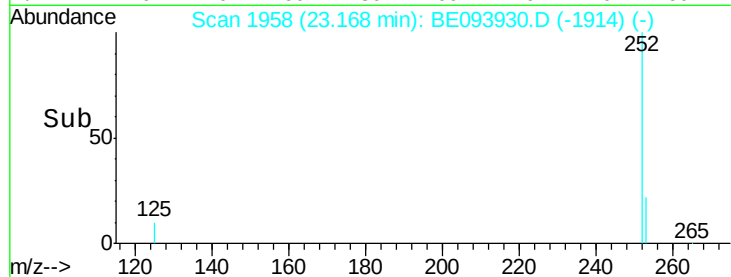
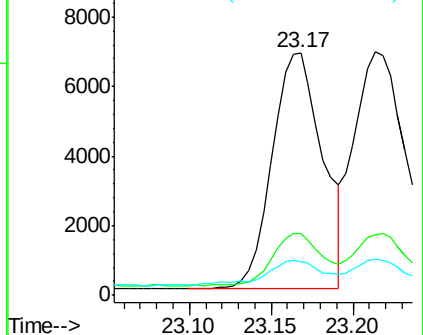
125 14.1 10.0 15.0



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



#36

Benzo(k)fluoranthene

Concen: 0.350 ng

RT: 23.17 min Scan# 1958

Delta R.T. -0.05 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

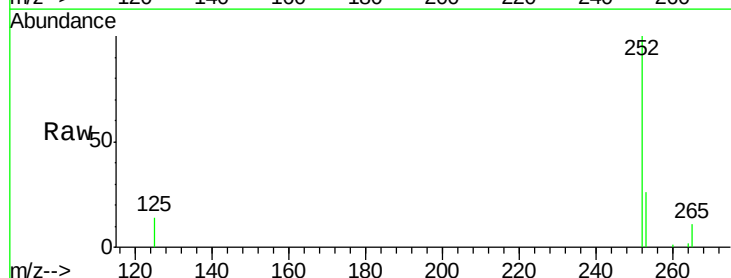
Tgt Ion:252 Resp: 14487

Ion Ratio Lower Upper

252 100

253 25.7 18.1 27.1

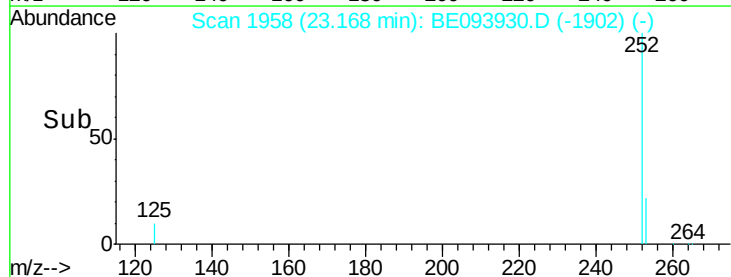
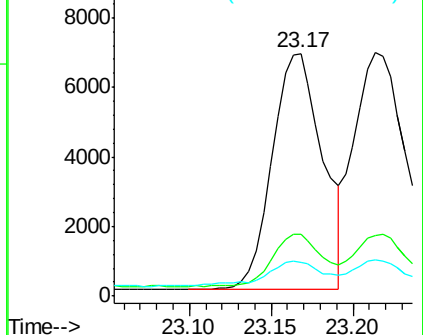
125 14.1 9.8 14.6

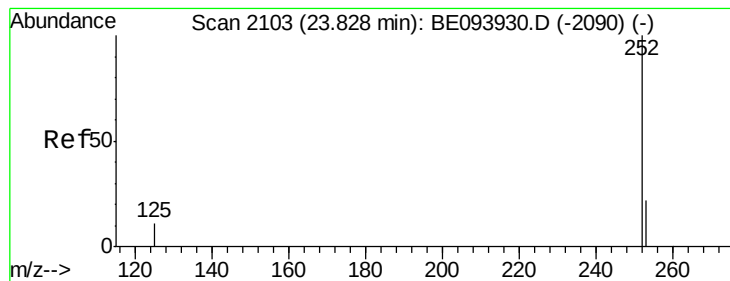


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.83 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

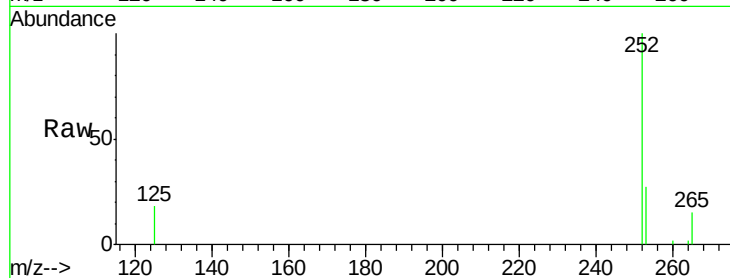
Tgt Ion:252 Resp: 14646

Ion Ratio Lower Upper

252 100

253 26.5 19.6 29.4

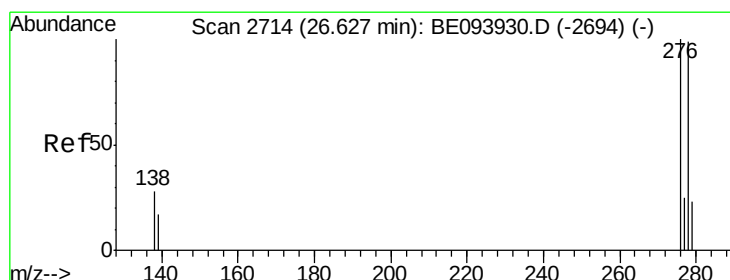
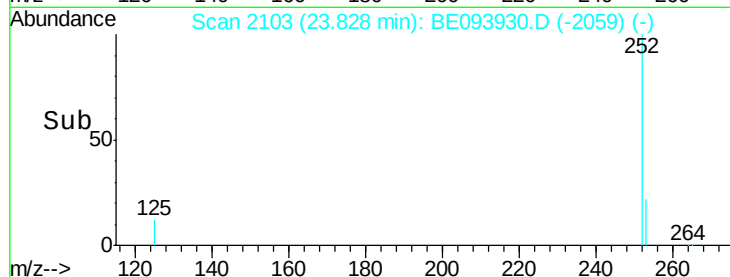
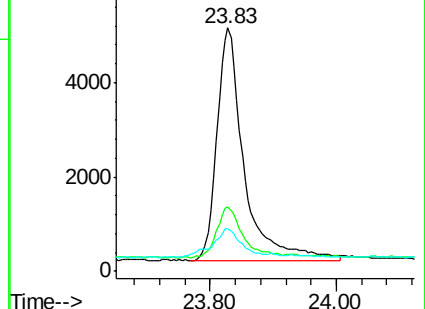
125 17.5 11.8 17.8



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: 0.386 ng

RT: 26.63 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE093930.D

Acq: 5 Sep 2017 10:43

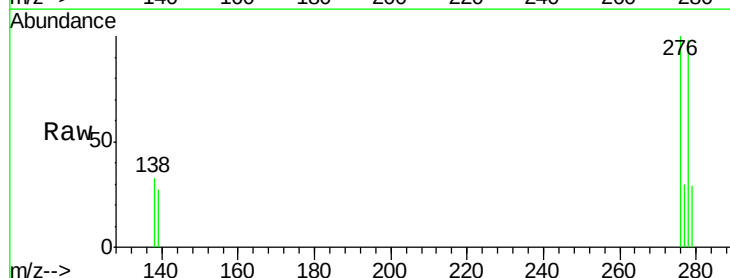
Tgt Ion:278 Resp: 9791

Ion Ratio Lower Upper

278 100

139 27.3 16.7 25.1#

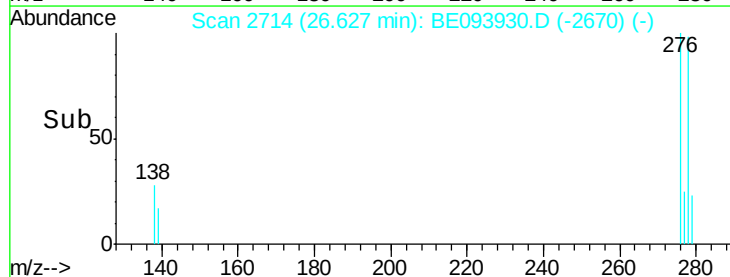
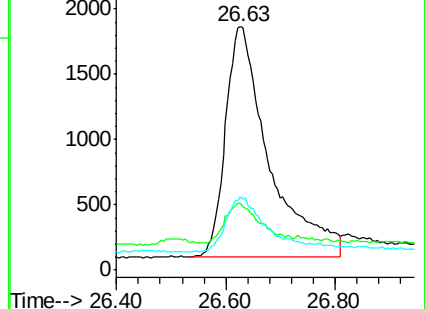
279 29.9 21.6 32.4

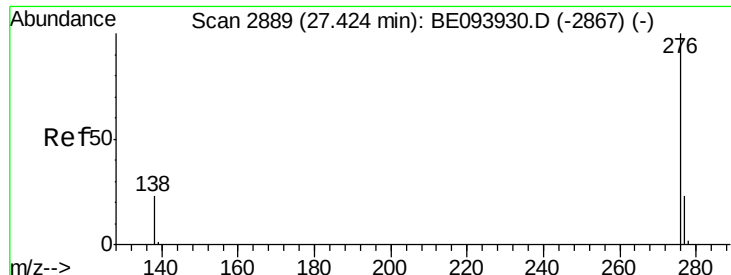


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.371 ng

RT: 27.42 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BE093930.D

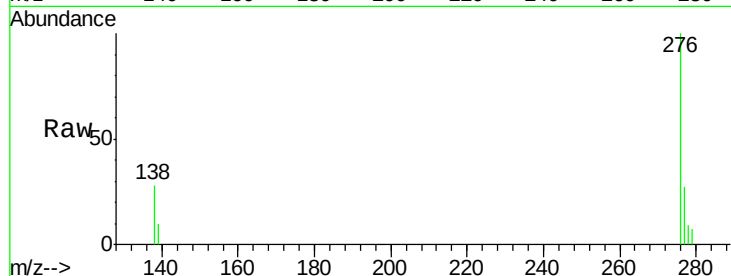
Acq: 5 Sep 2017 10:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



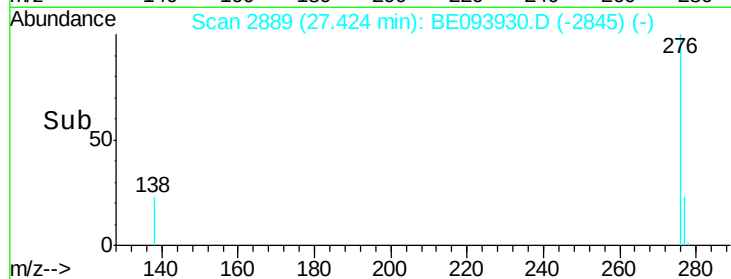
Tgt Ion: 276 Resp: 10254

Ion Ratio Lower Upper

276 100

277 27.0 20.6 30.8

138 28.1 21.9 32.9



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

