

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
 Data File : BE093615.D
 Acq On : 1 Aug 2017 14:14
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 01 14:52:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:41:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2338	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10633	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6082	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17782	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18949	0.40	ng	0.00
34) Perylene-d12	23.91	264	15166	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	5382	0.66	ng	0.00
5) Phenol-d6	7.09	99	7780	0.68	ng	0.00
8) Nitrobenzene-d5	9.06	82	6351	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	13366	0.78	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1134	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	19139	0.80	ng	-0.01
25) Fluoranthene-d10	19.27	212	149218	0.53	ng	0.00
29) Terphenyl-d14	19.86	244	26544	0.77	ng	0.00

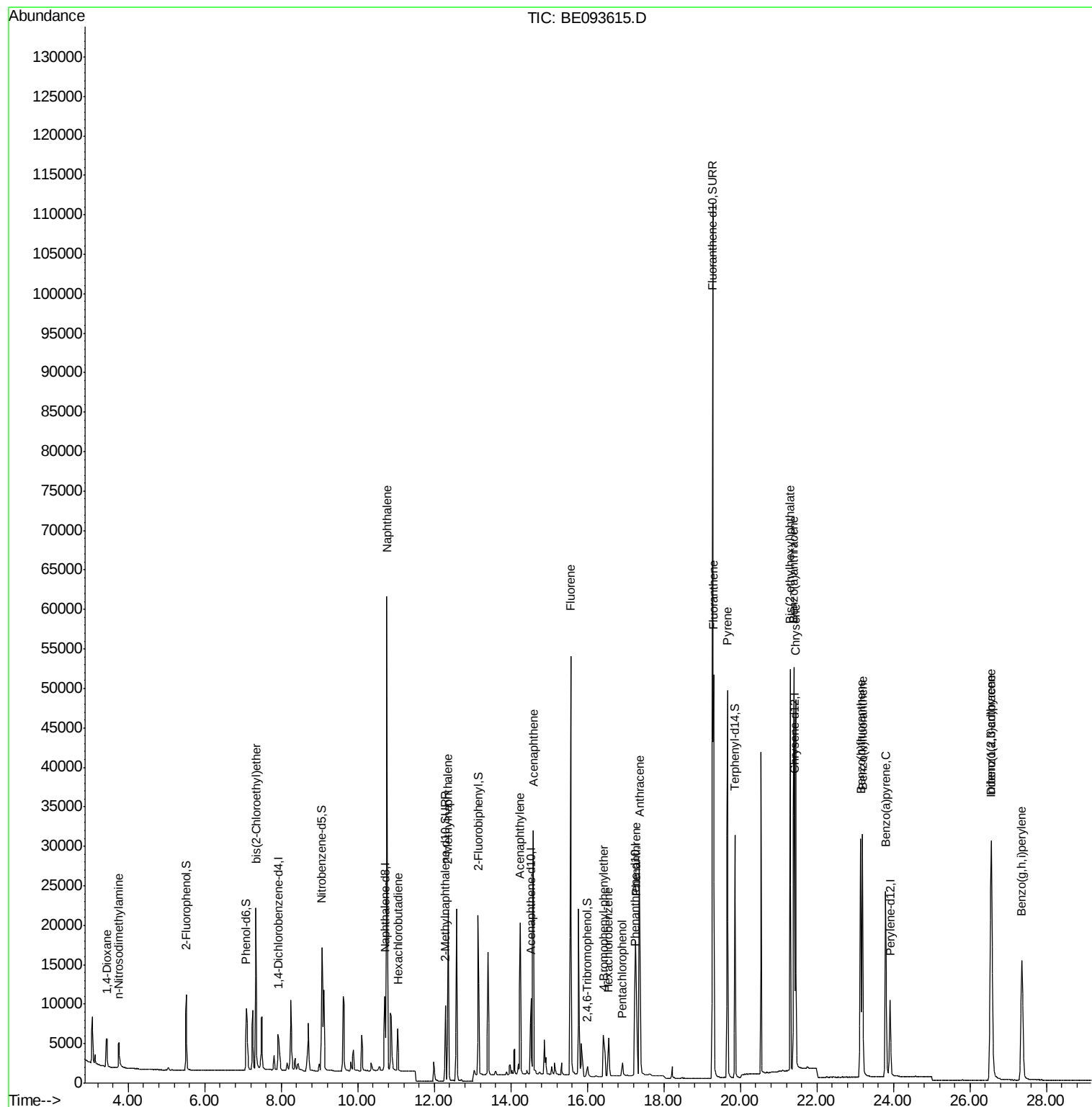
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	3052	0.786	ng	97
3) n-Nitrosodimethylamine	3.74	42	2966	0.772	ng	97
6) bis(2-Chloroethyl)ether	7.34	93	6949	0.768	ng	# 99
9) Naphthalene	10.76	128	96709	0.781	ng	99
10) Hexachlorobutadiene	11.04	225	3658	0.760	ng	98
12) 2-Methylnaphthalene	12.36	142	16012	0.771	ng	97
16) Acenaphthylene	14.24	152	23048	0.752	ng	# 88
17) Acenaphthene	14.59	154	16202	0.779	ng	99
18) Fluorene	15.56	166	21606	0.738	ng	# 87
20) 4-Bromophenyl-phenylether	16.42	248	3639	0.525	ng	# 1
21) Hexachlorobenzene	16.55	284	3962	0.595	ng	# 100
22) Pentachlorophenol	16.91	266	1762	0.453	ng	95
23) Phenanthrene	17.27	178	29282	0.726	ng	# 79
24) Anthracene	17.37	178	41826	0.678	ng	# 89
26) Fluoranthene	19.30	202	46074	0.536	ng	99
28) Pyrene	19.66	202	47198	0.769	ng	# 99
30) Benzo(a)anthracene	21.39	228	44213	0.725	ng	95
31) Chrysene	21.45	228	48739	0.807	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	54669	0.414	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	43497	0.761	ng	93
35) Benzo(b)fluoranthene	23.14	252	42914	0.806	ng	# 93
36) Benzo(k)fluoranthene	23.19	252	44035	0.837	ng	# 92
37) Benzo(a)pyrene	23.80	252	38843	0.784	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	38057	0.813	ng	# 89
39) Benzo(g,h,i)perylene	27.36	276	38196	0.813	ng	# 91

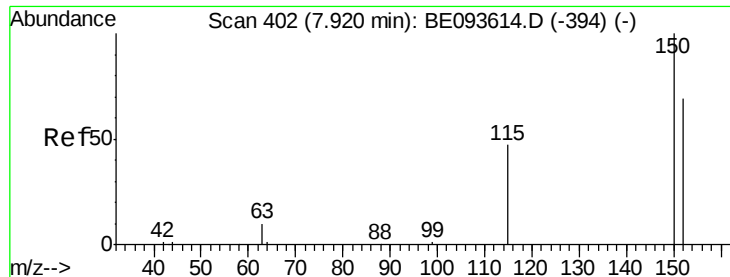
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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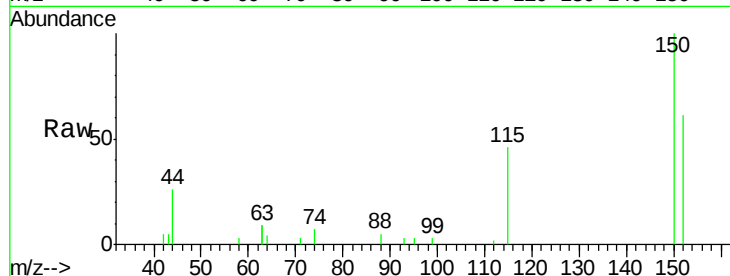


#1

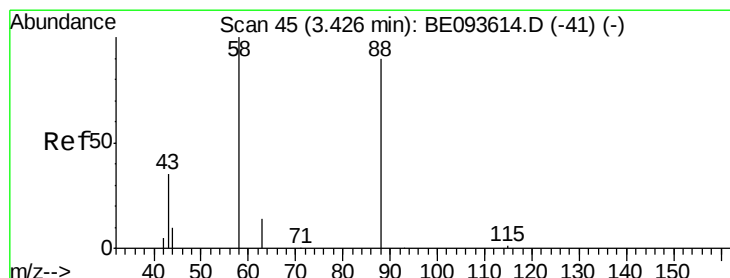
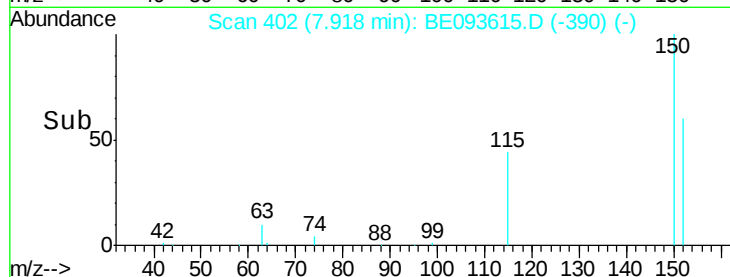
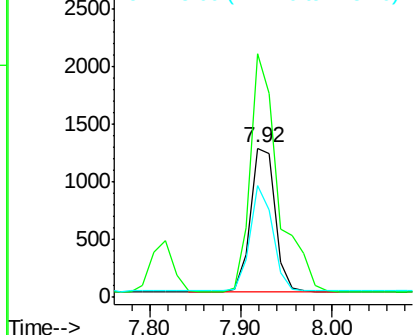
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion:152 Resp: 2338
Ion Ratio Lower Upper
152 100
150 162.9 125.1 187.7
115 74.5 55.7 83.5



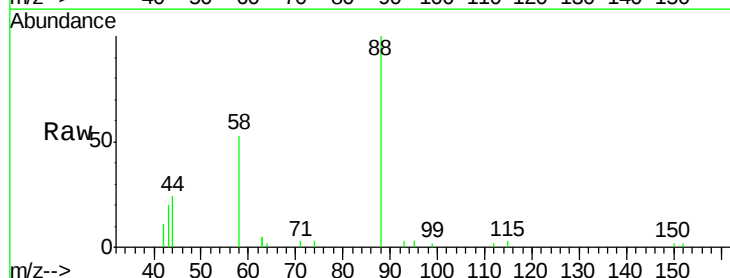
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



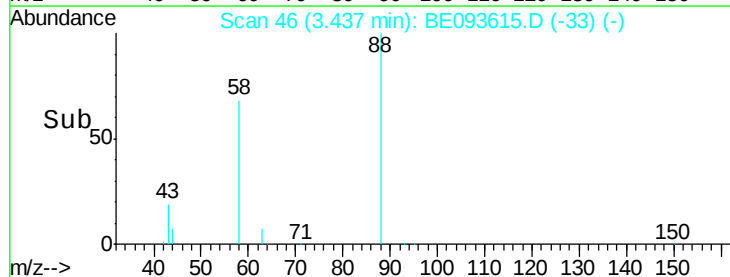
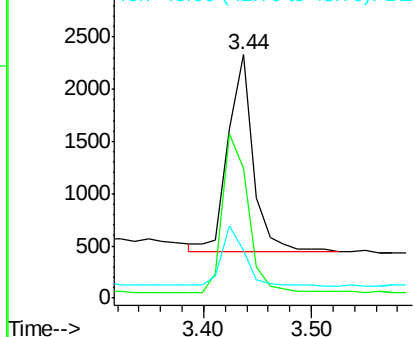
#2

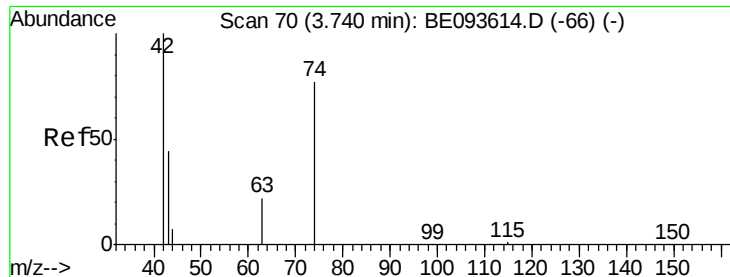
1,4-Dioxane
Concen: 0.786 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion: 88 Resp: 3052
Ion Ratio Lower Upper
88 100
58 80.2 62.2 93.4
43 27.9 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

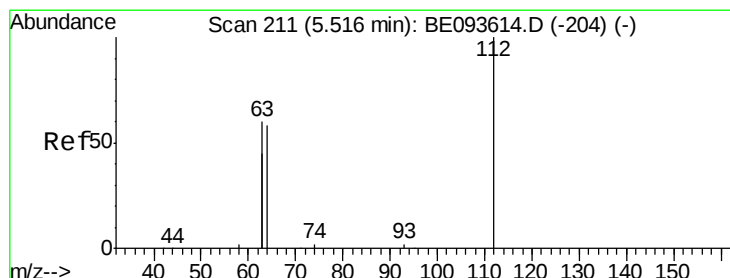
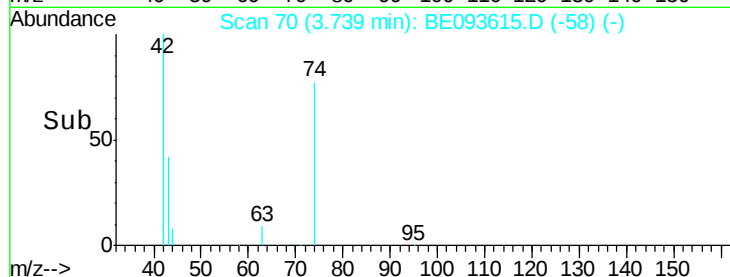
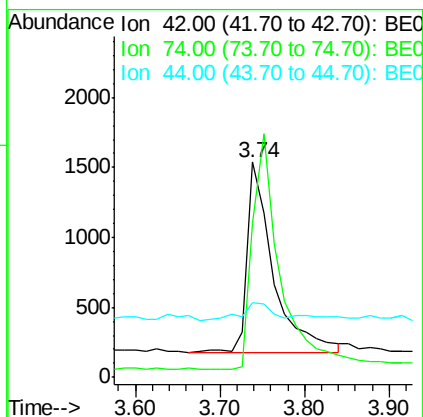
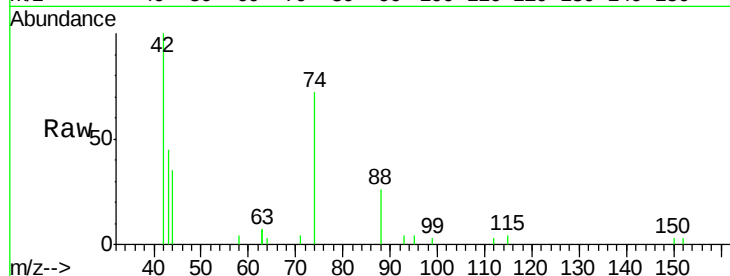




#3
n-Nitrosodimethylamine
Concen: 0.772 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

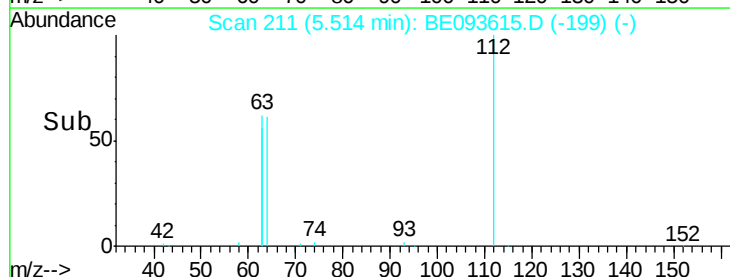
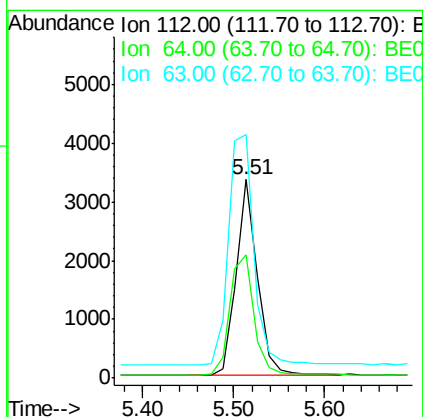
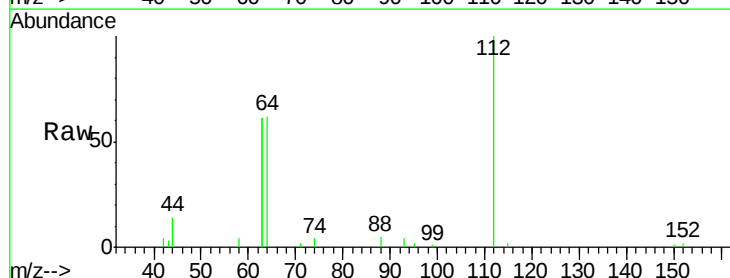
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

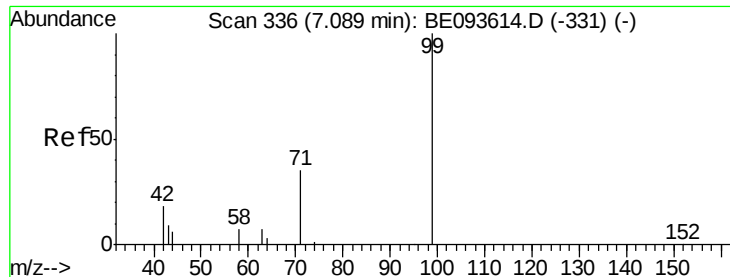
Tgt Ion: 42 Resp: 2966
Ion Ratio Lower Upper
42 100
74 127.7 99.1 148.7
44 9.5 7.4 11.2



#4
2-Fluorophenol
Concen: 0.663 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093615.D
Acq: 1 Aug 2017 14:14

Tgt Ion: 112 Resp: 5382
Ion Ratio Lower Upper
112 100
64 70.7 56.4 84.6
63 141.4 29.3 43.9#





#5

Phenol-d6

Concen: 0.684 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

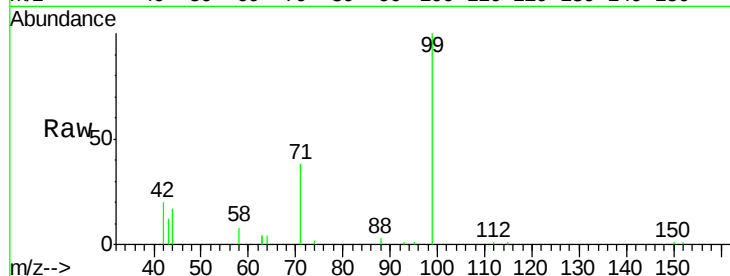
Tgt Ion: 99 Resp: 7780

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

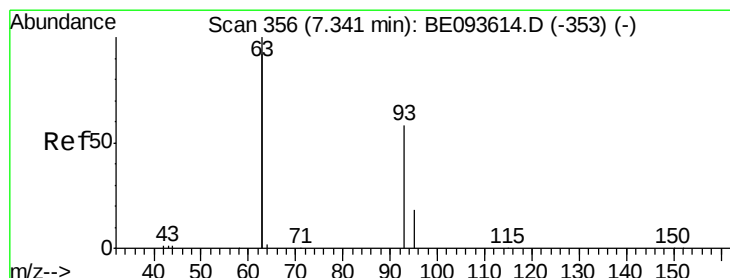
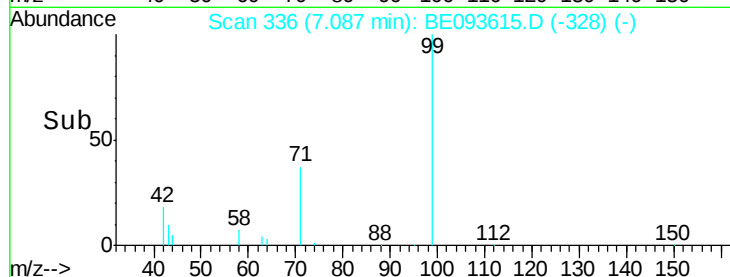
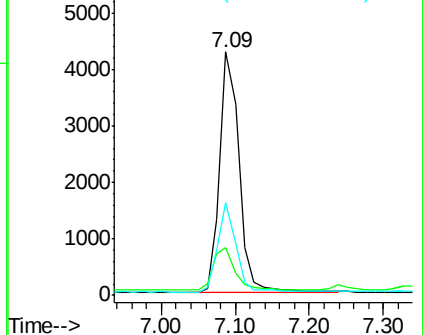
71 34.5 0.0 0.0#



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: 0.768 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

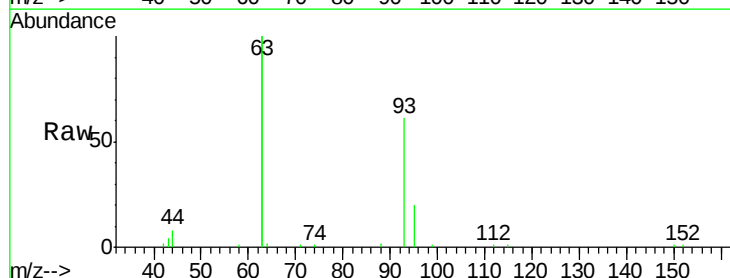
Tgt Ion: 93 Resp: 6949

Ion Ratio Lower Upper

93 100

63 346.3 0.0 0.0#

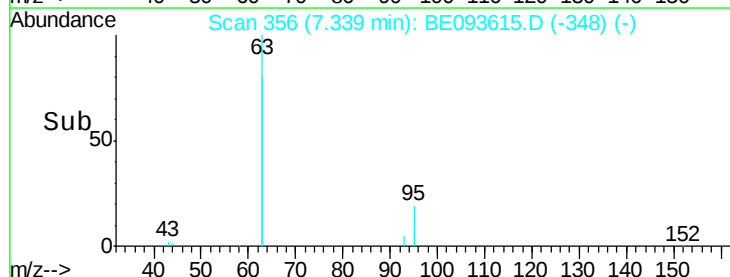
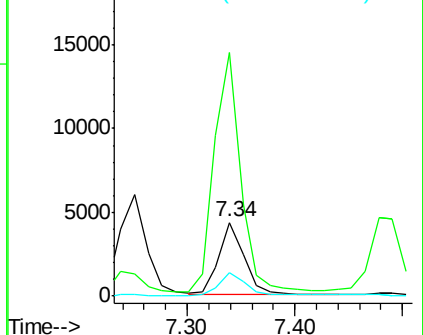
95 32.2 25.4 38.0

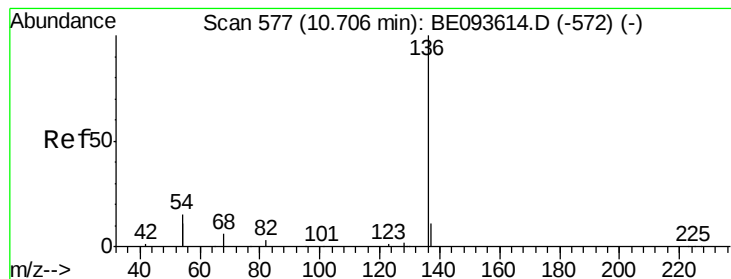


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 10633

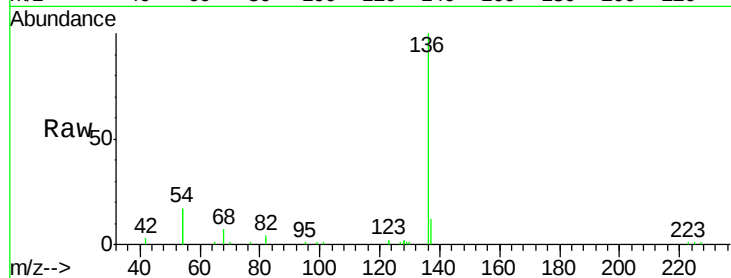
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 33.1 10.3 15.5#

68 6.7 9.0 13.4#

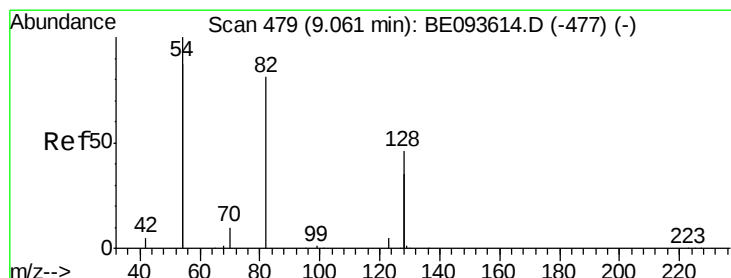
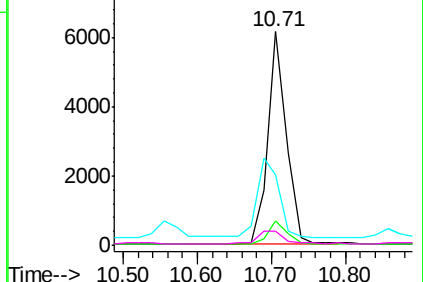
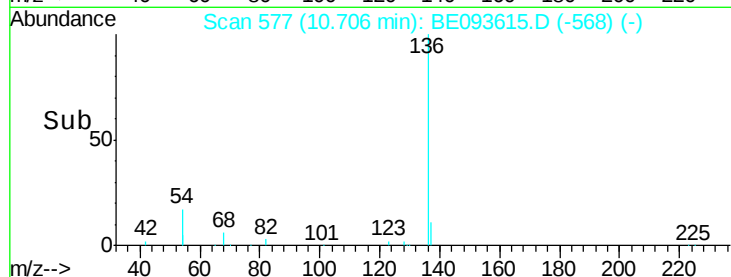


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.752 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

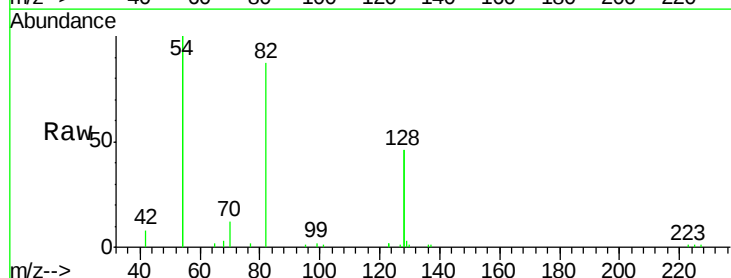
Tgt Ion: 82 Resp: 6351

Ion Ratio Lower Upper

82 100

128 105.2 17.0 25.4#

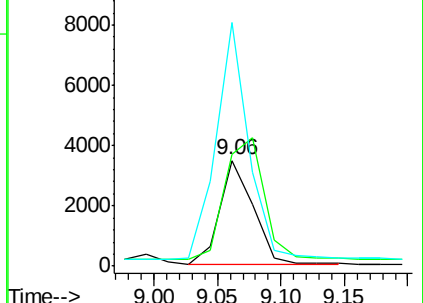
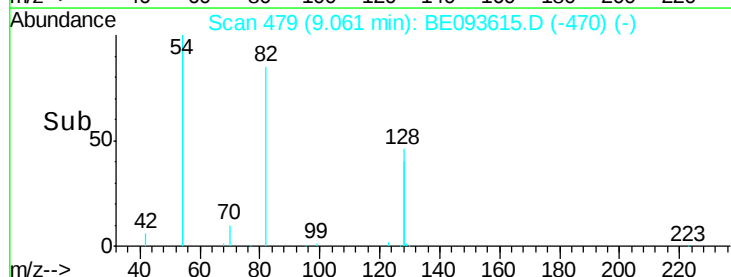
54 230.5 53.8 80.6#

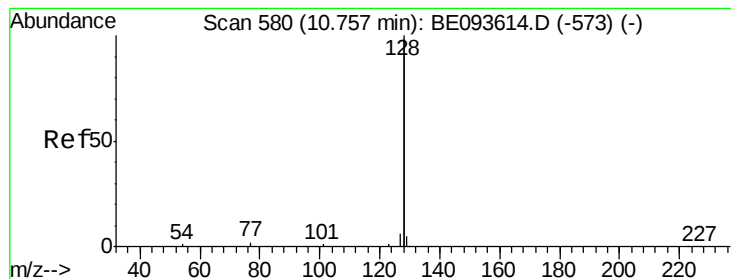


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.781 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

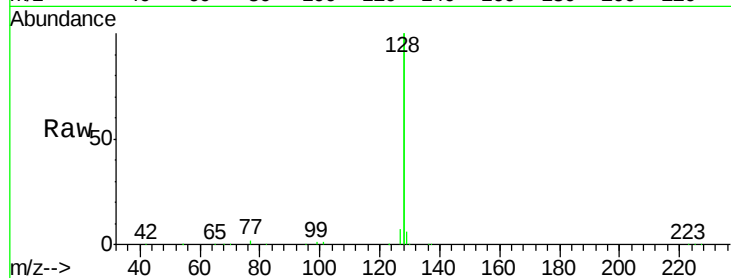
Tgt Ion:128 Resp: 96709

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

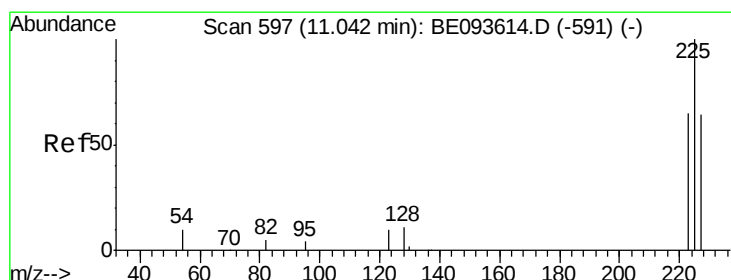
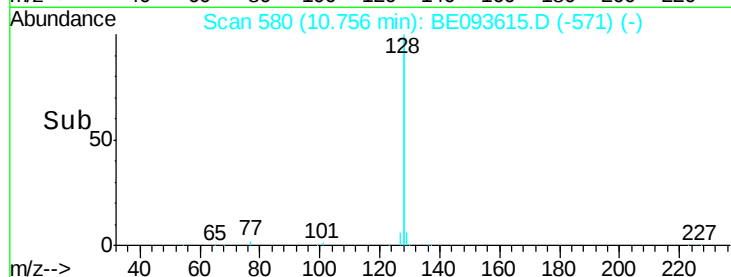
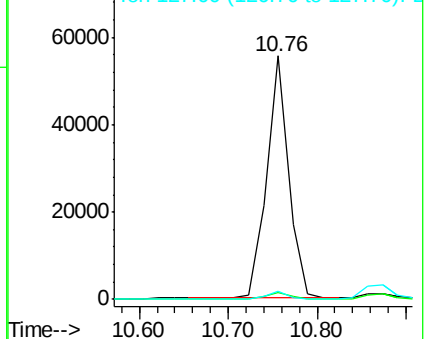
127 3.3 2.4 3.6



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: 0.760 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

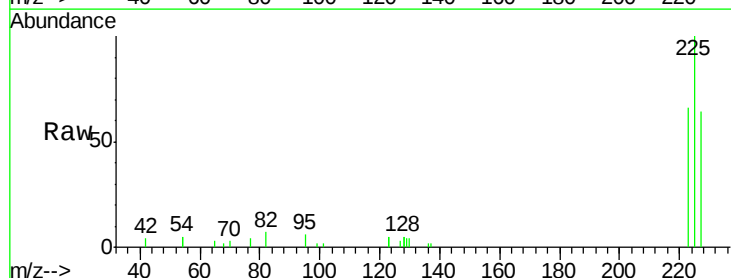
Tgt Ion:225 Resp: 3658

Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

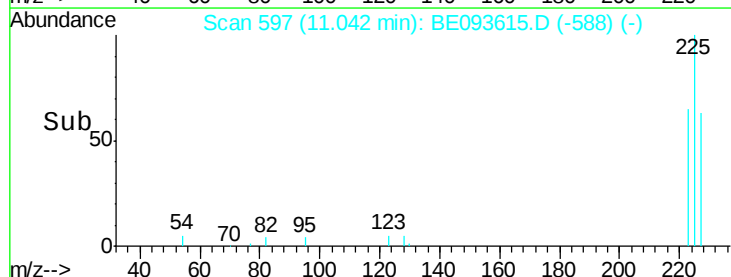
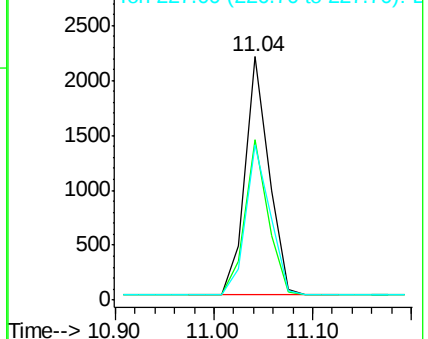
227 64.6 50.3 75.5

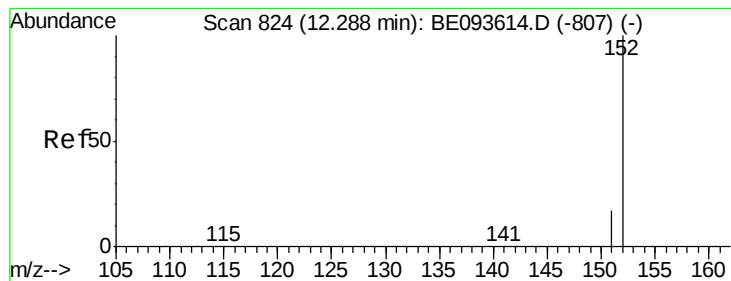


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.777 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

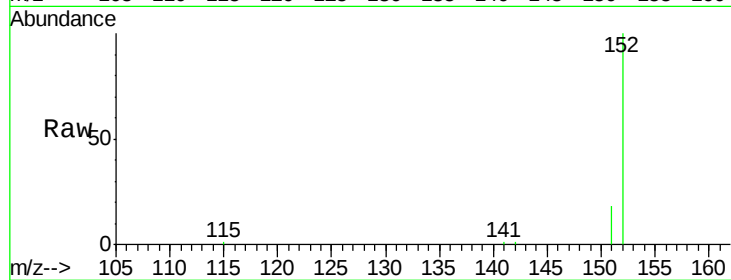
SSTDIC0.8

Tgt Ion:152 Resp: 13366

Ion Ratio Lower Upper

152 100

151 19.1 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

8000

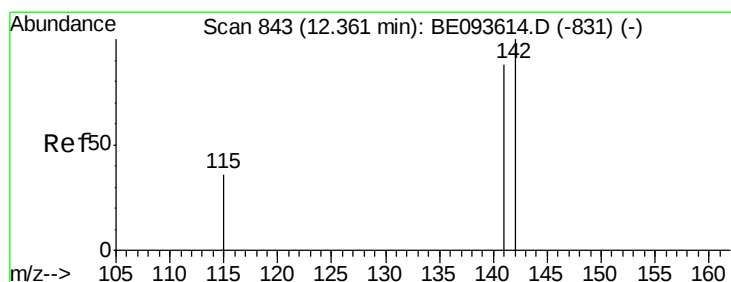
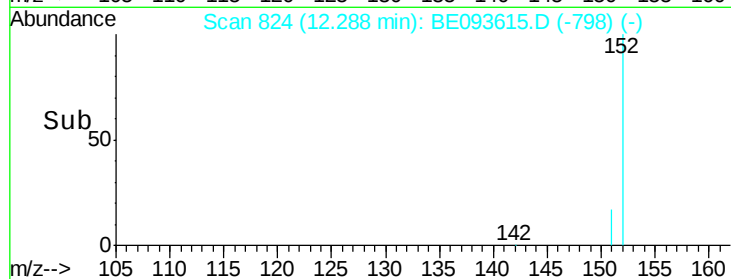
6000

4000

2000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.771 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

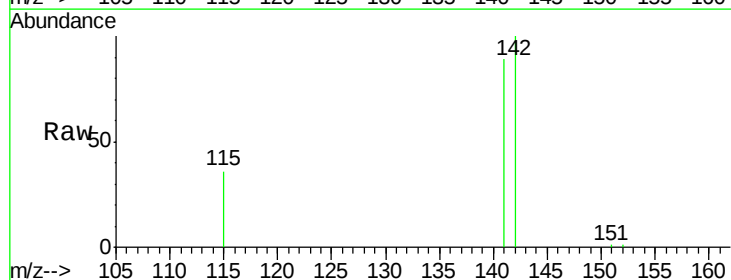
Tgt Ion:142 Resp: 16012

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8

115 36.5 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

12.36

12000

10000

8000

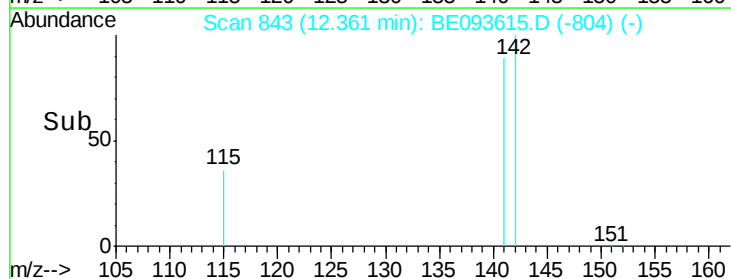
6000

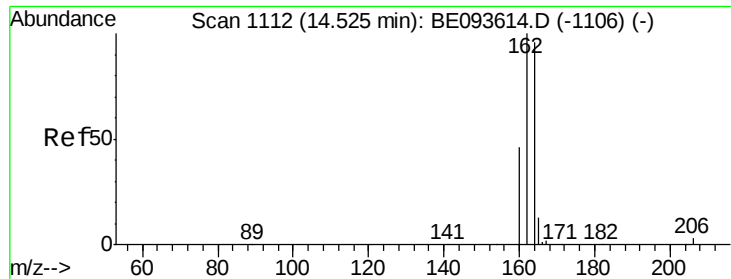
4000

2000

0

Time--> 12.30 12.40 12.50

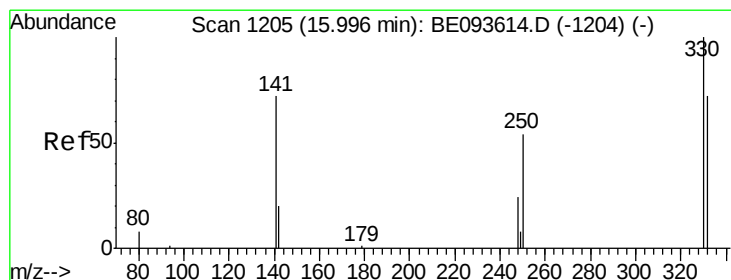
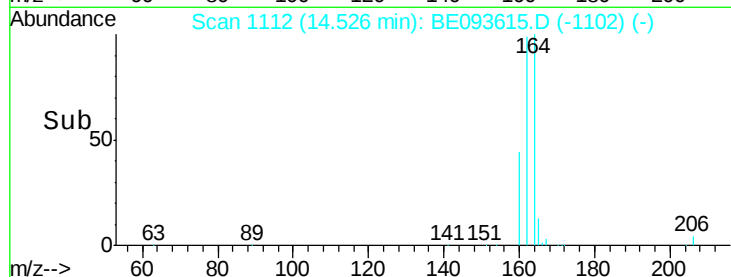
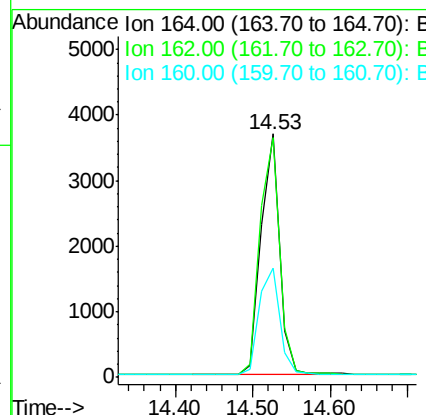
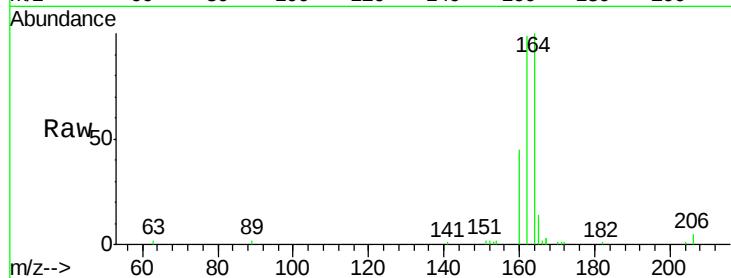




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

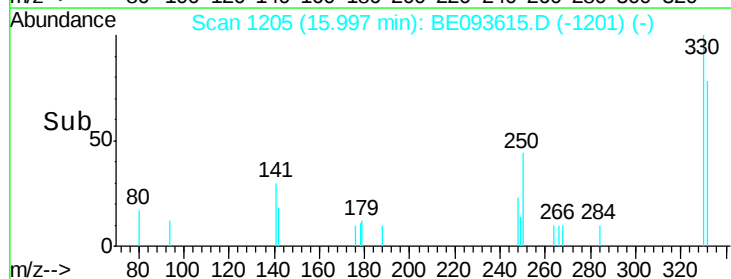
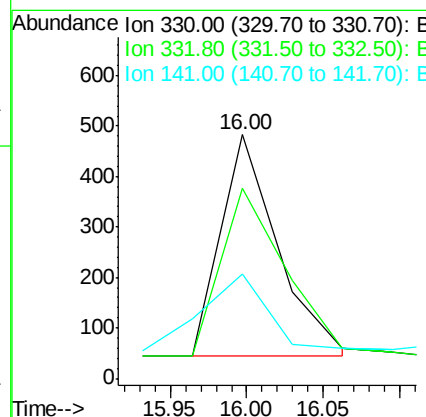
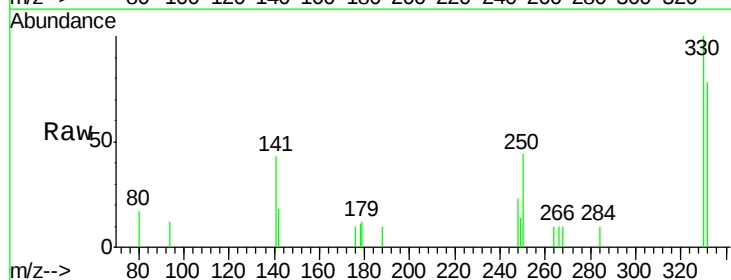
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

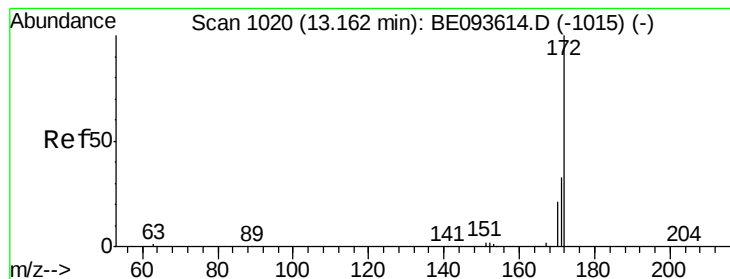
Tgt Ion:164 Resp: 6082
 Ion Ratio Lower Upper
 164 100
 162 98.7 84.6 127.0
 160 45.0 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.513 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

Tgt Ion:330 Resp: 1134
 Ion Ratio Lower Upper
 330 100
 332 86.1 77.7 116.5
 141 39.7 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 0.800 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

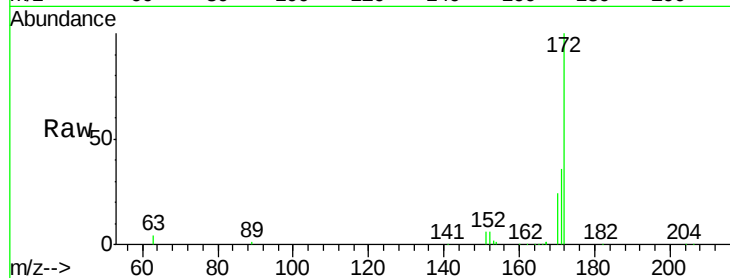
Tgt Ion:172 Resp: 19139

Ion Ratio Lower Upper

172 100

171 36.1 29.8 44.6

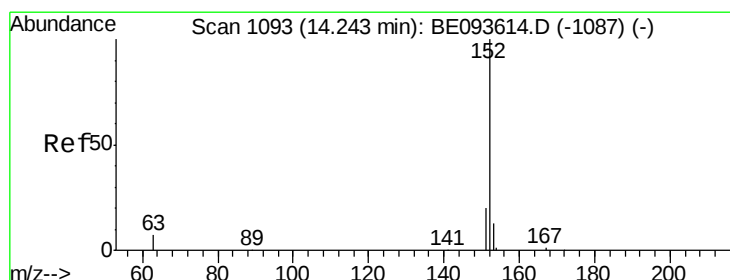
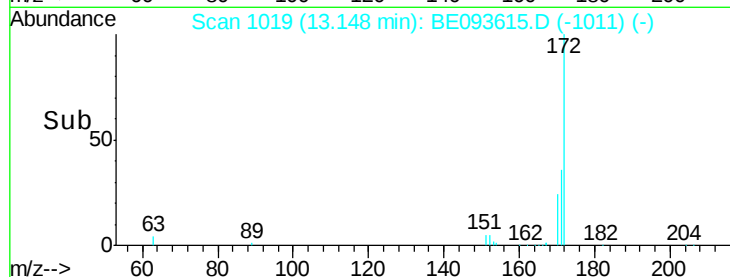
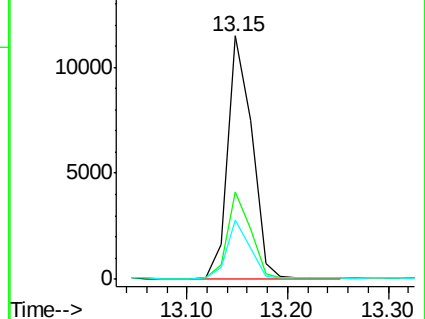
170 24.3 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.752 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

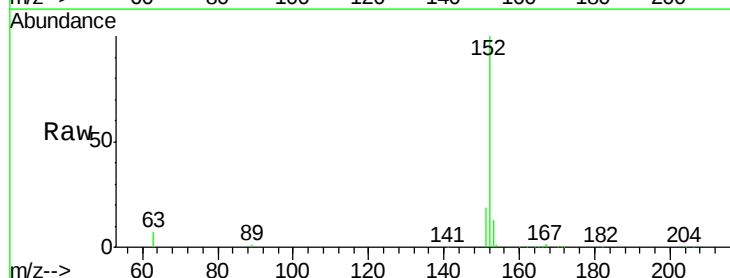
Tgt Ion:152 Resp: 23048

Ion Ratio Lower Upper

152 100

151 19.1 4.0 6.0#

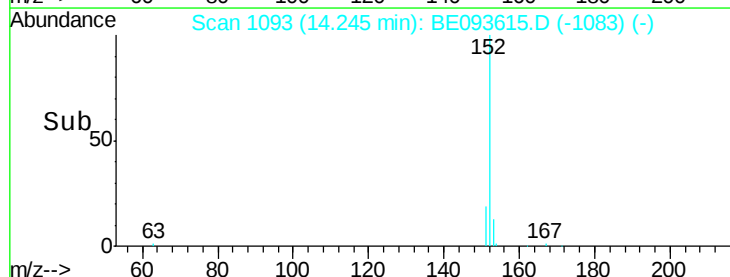
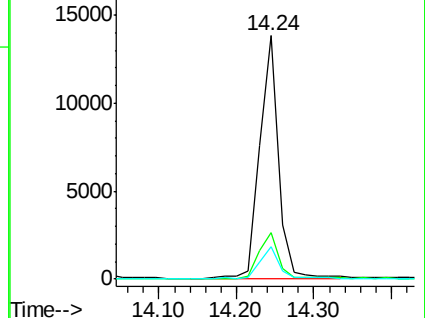
153 13.1 10.3 15.5

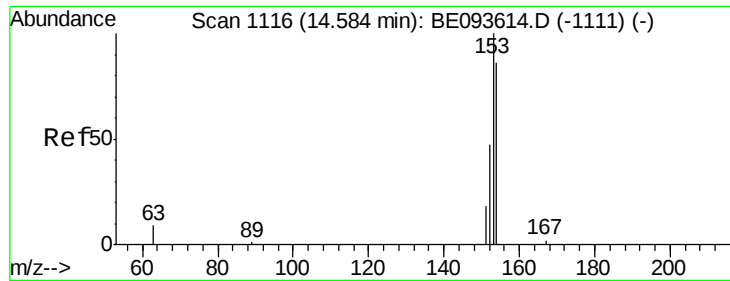


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.779 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

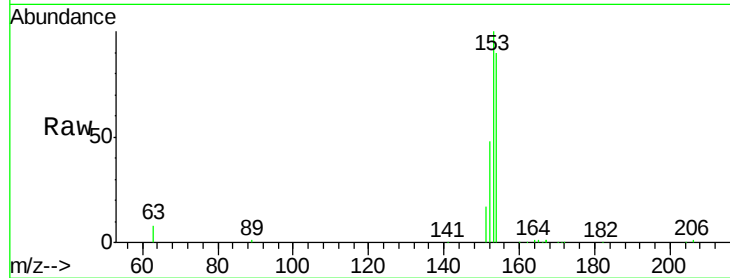
Tgt Ion:154 Resp: 16202

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

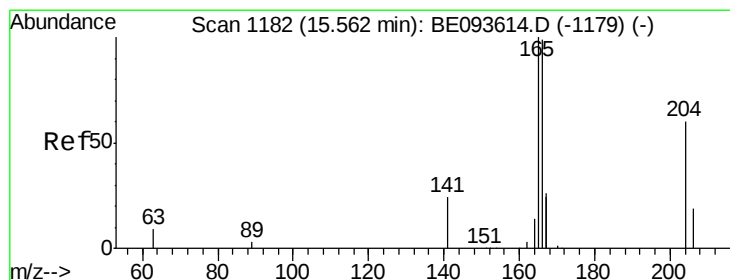
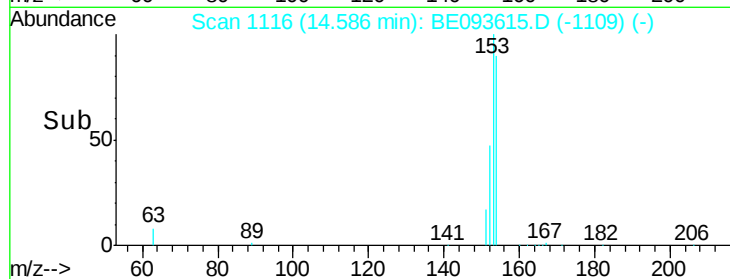
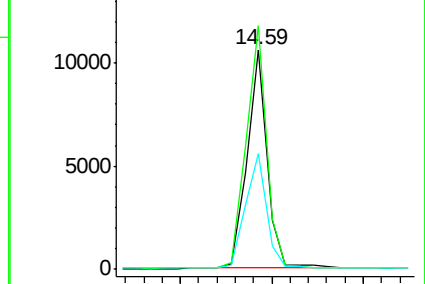
152 55.2 44.8 67.2



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: 0.738 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

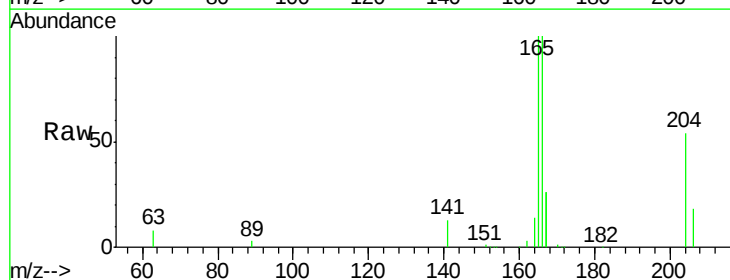
Tgt Ion:166 Resp: 21606

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

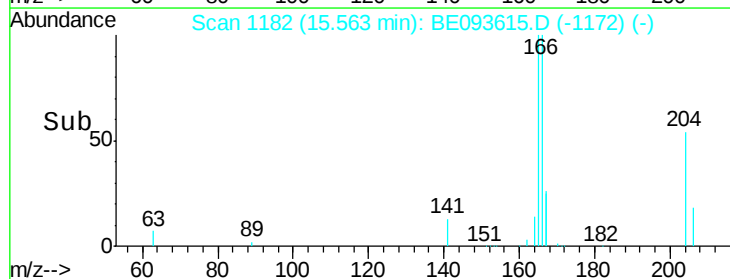
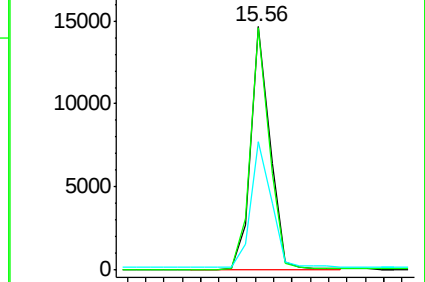
167 54.4 11.1 16.7#

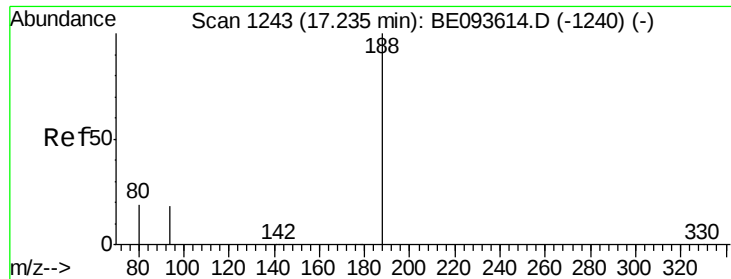


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

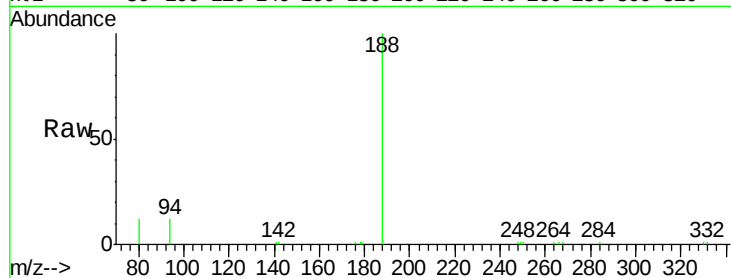
Tgt Ion:188 Resp: 17782

Ion Ratio Lower Upper

188 100

94 11.9 11.3 16.9

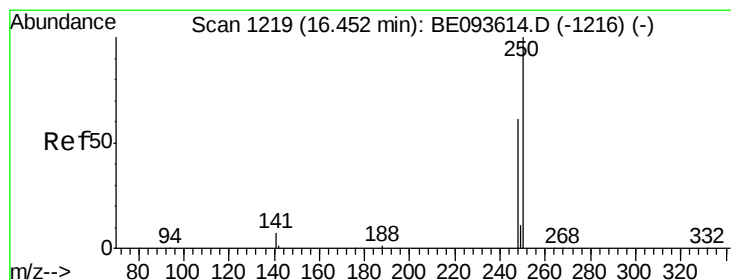
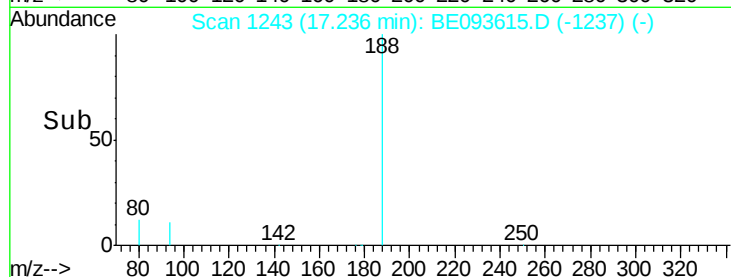
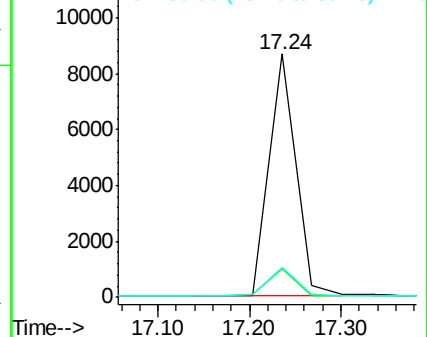
80 12.2 11.7 17.5



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: 0.525 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

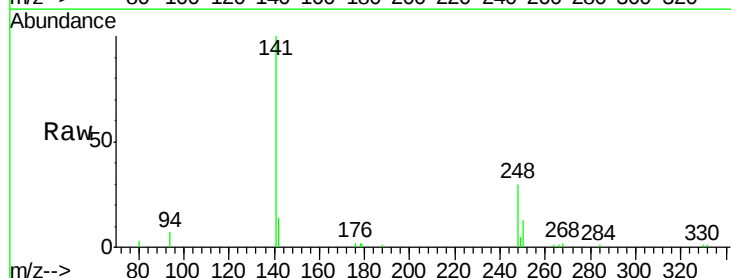
Tgt Ion:248 Resp: 3639

Ion Ratio Lower Upper

248 100

250 44.5 128.0 192.0#

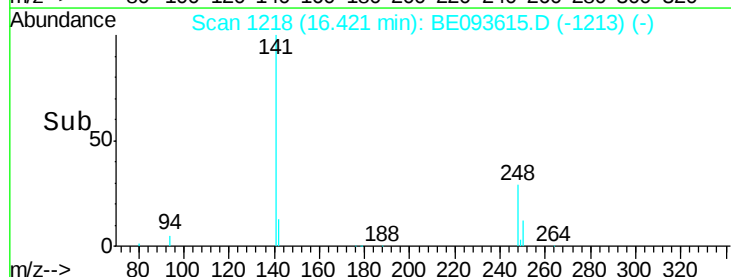
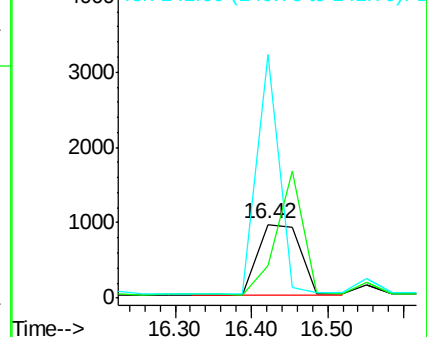
141 331.8 12.0 18.0#

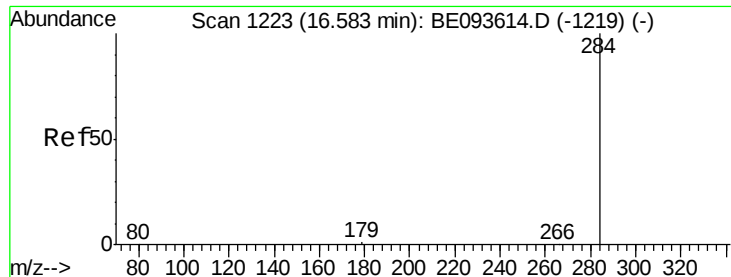


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.595 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

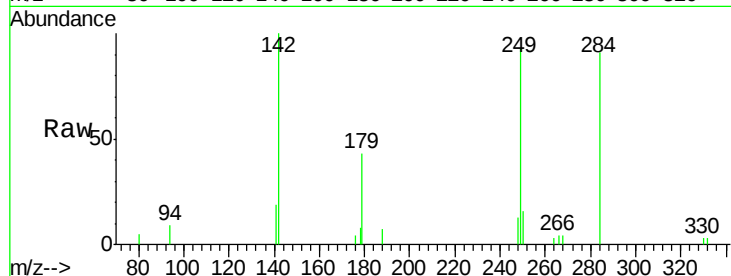
Tgt Ion:284 Resp: 3962

Ion Ratio Lower Upper

284 100

142 66.3 0.0 0.0#

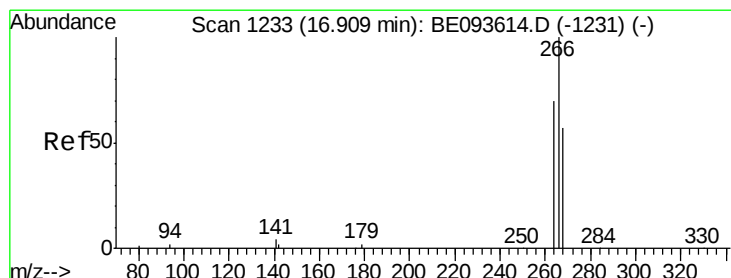
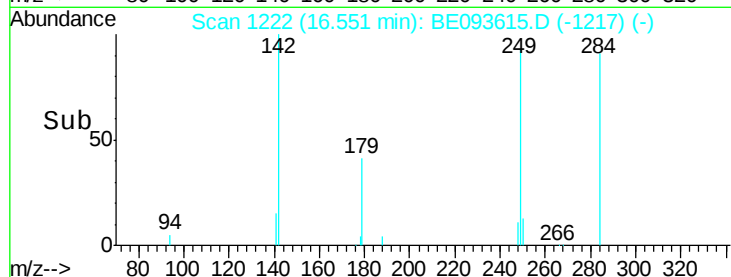
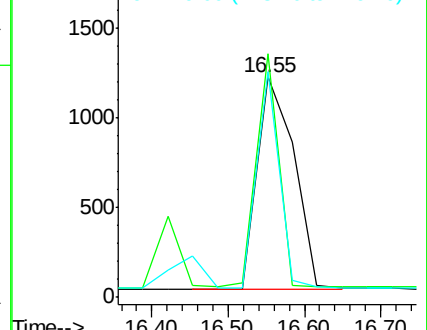
249 61.9 0.0 0.0#



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: 0.453 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

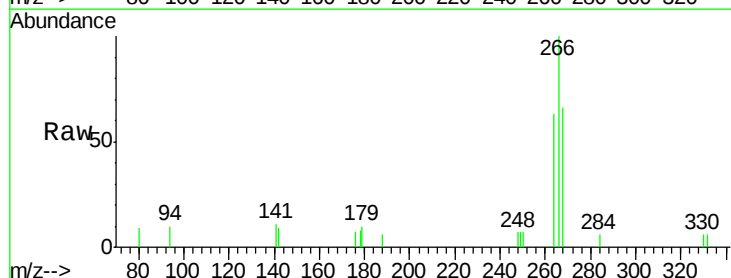
Tgt Ion:266 Resp: 1762

Ion Ratio Lower Upper

266 100

264 62.7 56.0 84.0

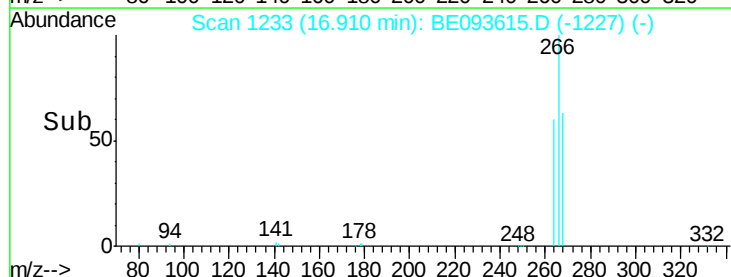
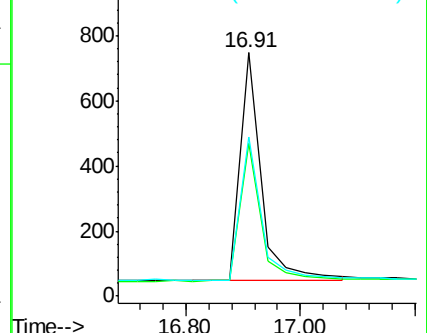
268 65.5 52.0 78.0

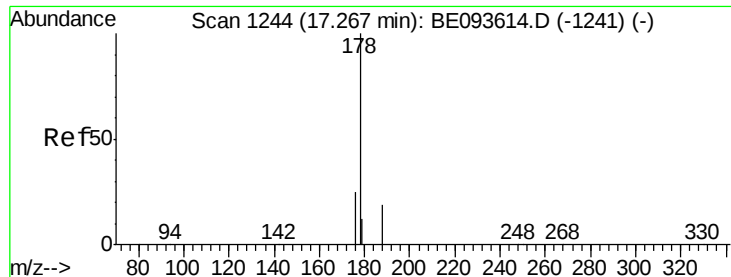


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.726 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

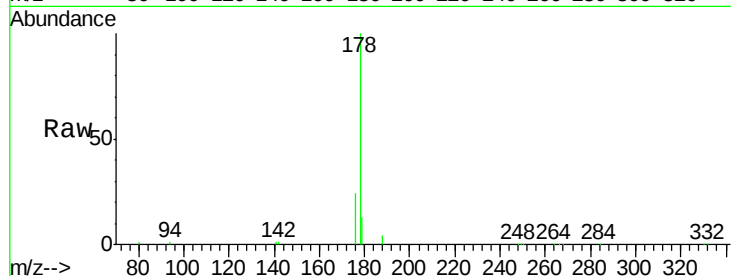
Tgt Ion:178 Resp: 29282

Ion Ratio Lower Upper

178 100

176 21.5 15.0 22.4

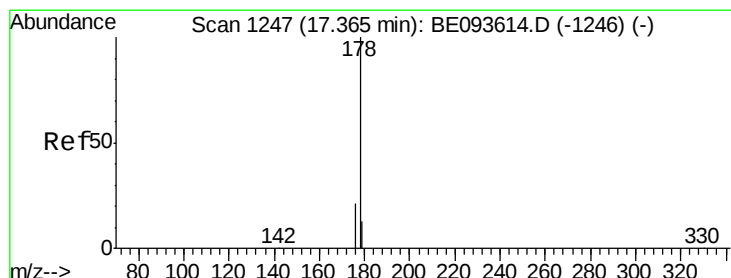
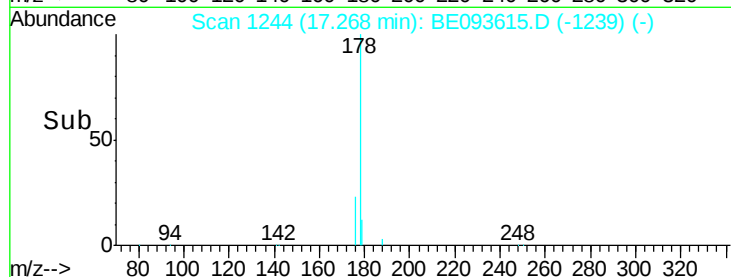
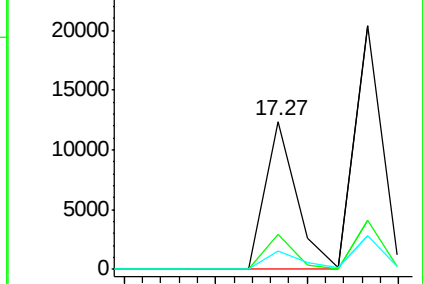
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.678 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

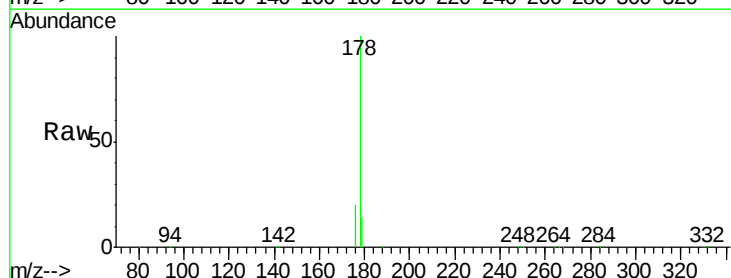
Tgt Ion:178 Resp: 41826

Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

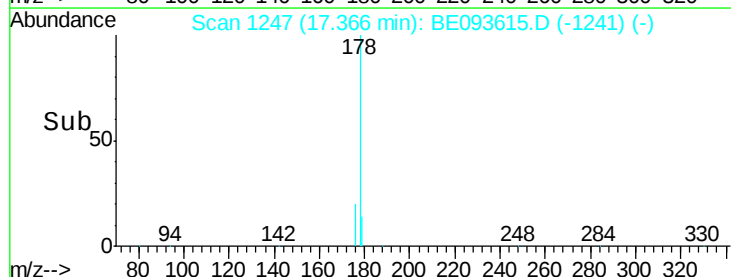
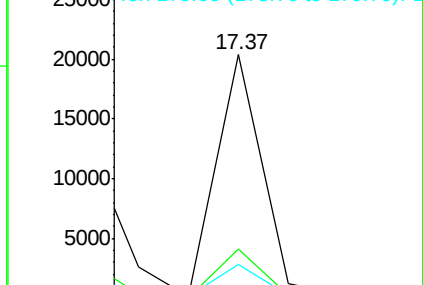
179 23.4 12.0 18.0#

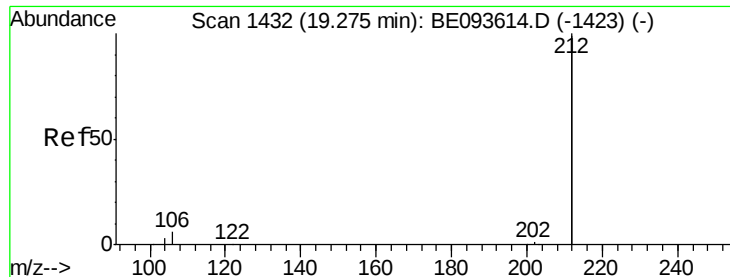


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

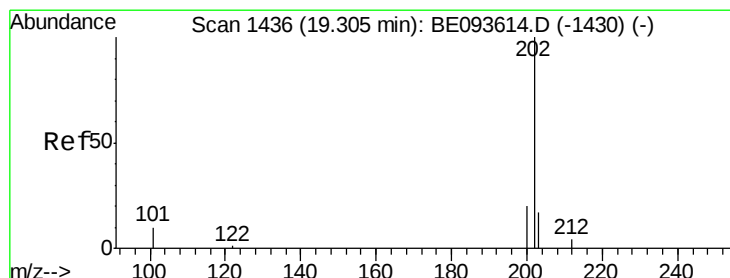
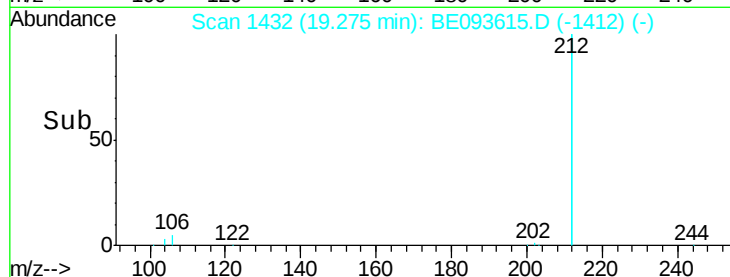
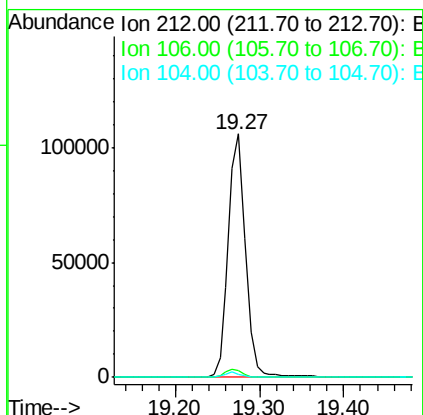
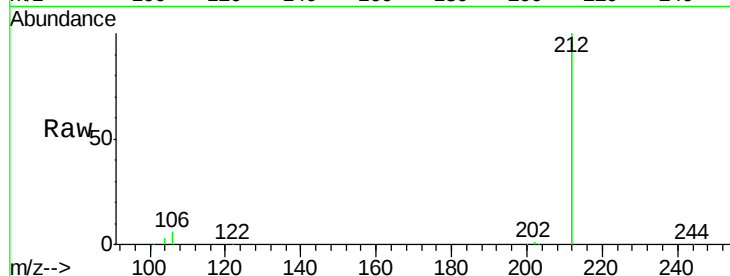




#25
 Fluoranthene-d10
 Concen: 0.527 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

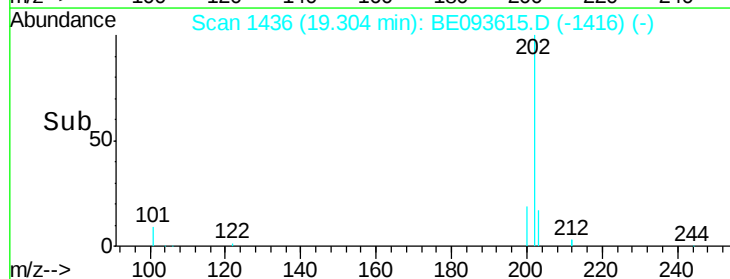
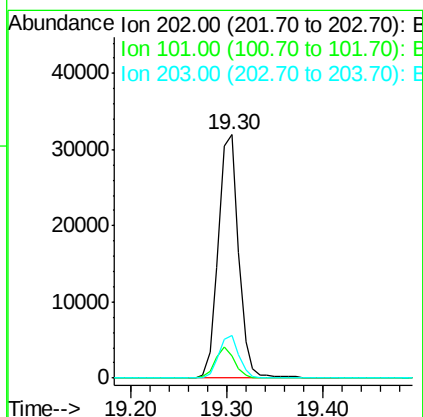
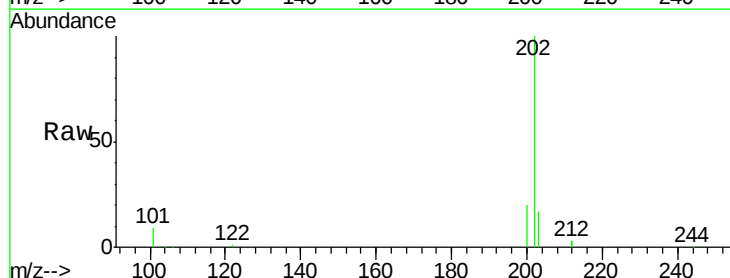
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

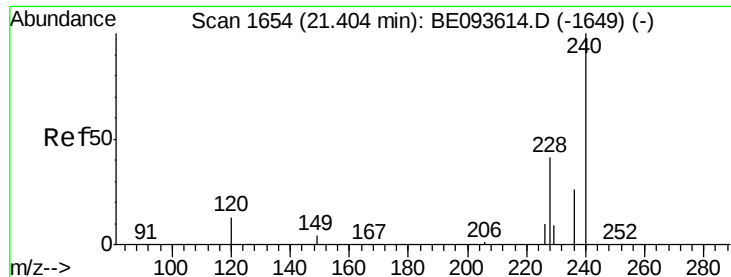
Tgt Ion: 212 Resp: 149218
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.536 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

Tgt Ion: 202 Resp: 46074
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.6 14.4
 203 17.2 14.4 21.6

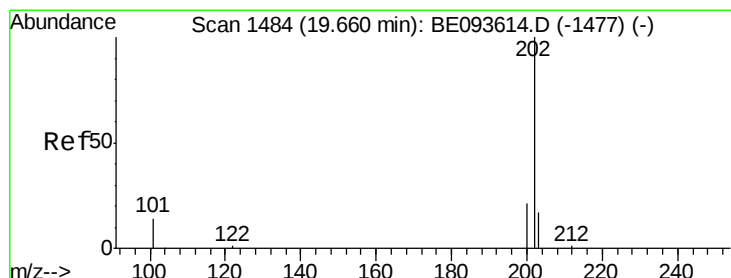
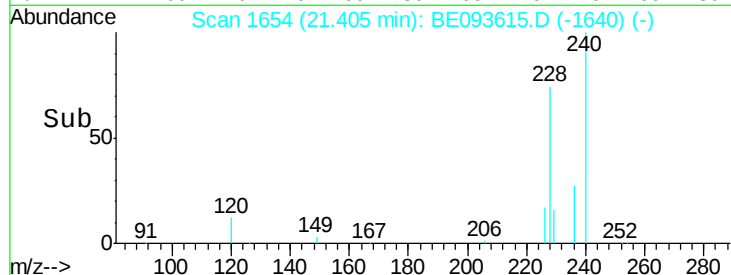
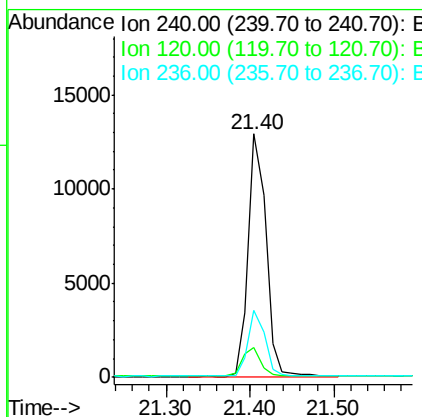
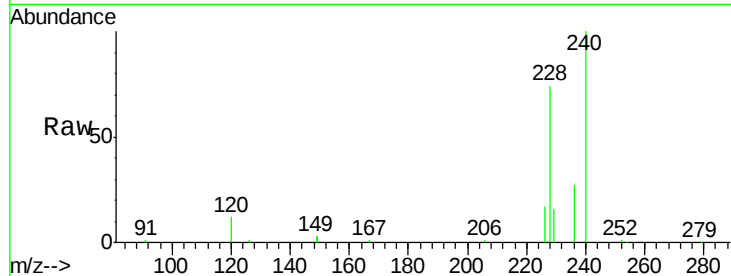




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

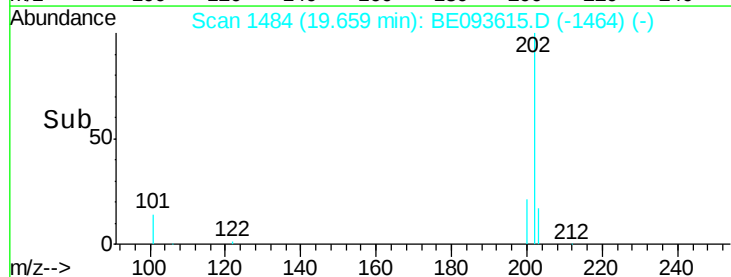
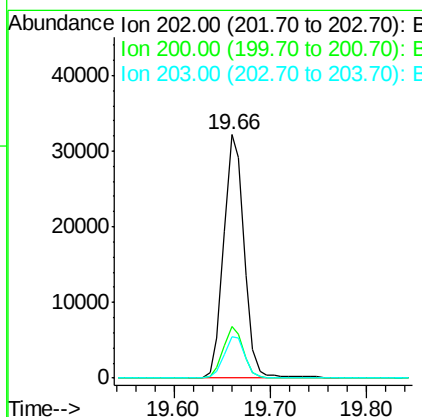
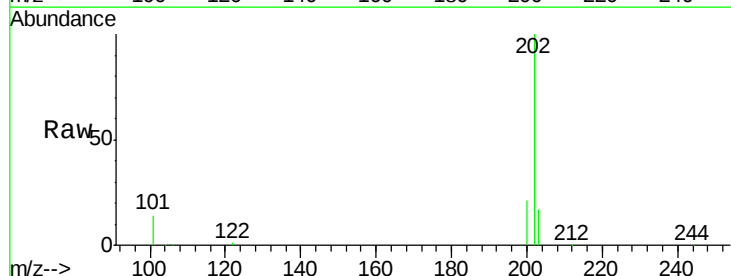
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

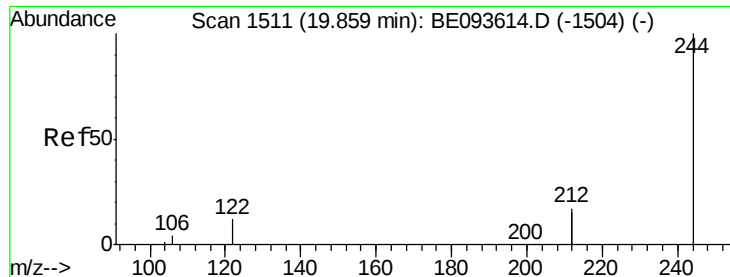
Tgt Ion:240 Resp: 18949
 Ion Ratio Lower Upper
 240 100
 120 12.3 4.6 7.0#
 236 27.4 20.8 31.2



#28
 Pyrene
 Concen: 0.769 ng
 RT: 19.66 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE093615.D
 Acq: 1 Aug 2017 14:14

Tgt Ion:202 Resp: 47198
 Ion Ratio Lower Upper
 202 100
 200 20.6 0.0 0.0#
 203 17.5 13.7 20.5





#29

Terphenyl-d14

Concen: 0.770 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

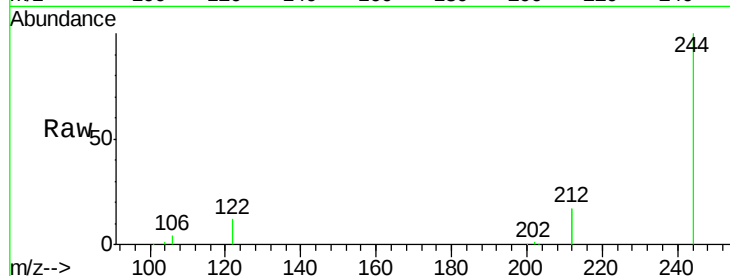
Tgt Ion:244 Resp: 26544

Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

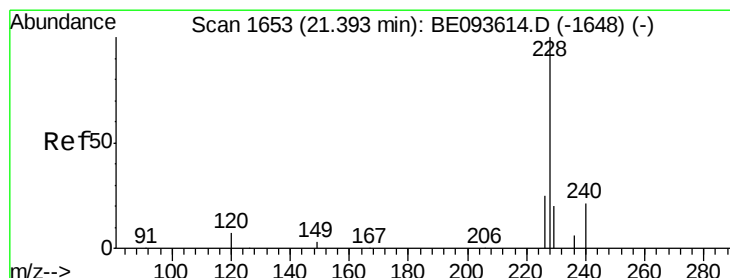
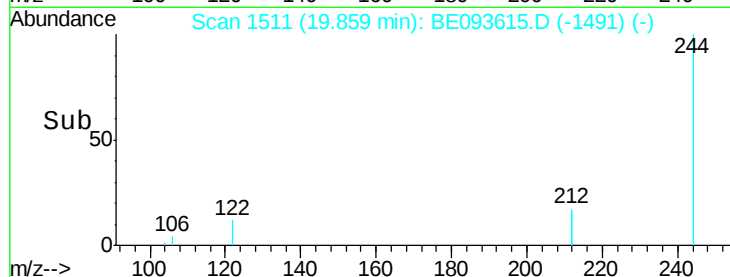
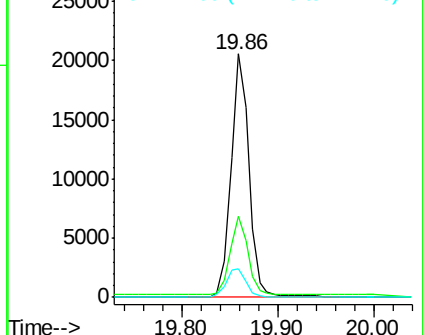
122 11.8 15.4 23.0#



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: 0.725 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

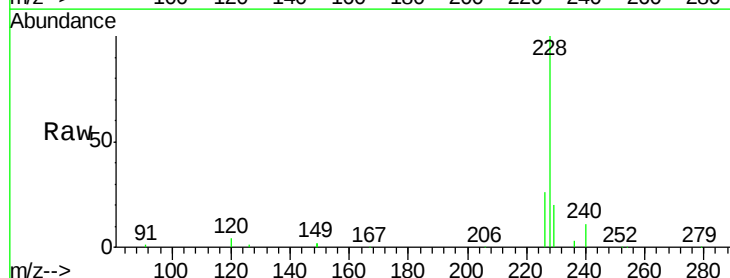
Tgt Ion:228 Resp: 44213

Ion Ratio Lower Upper

228 100

226 25.9 19.7 29.5

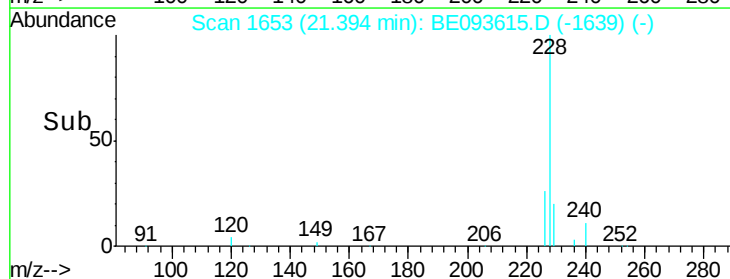
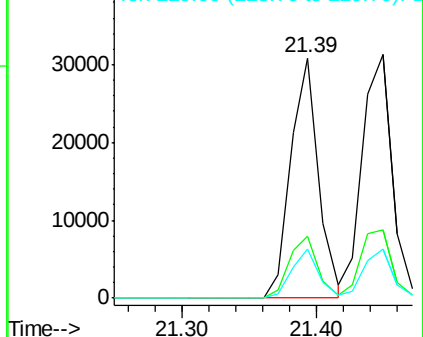
229 20.5 19.2 28.8

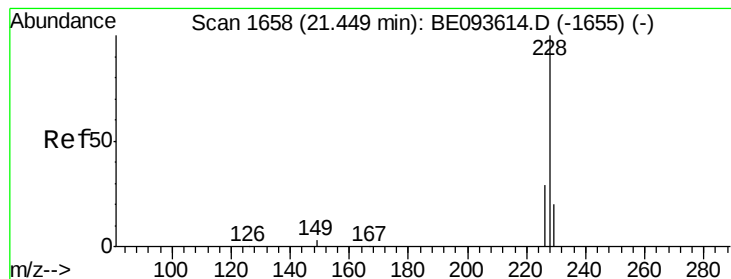


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.807 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

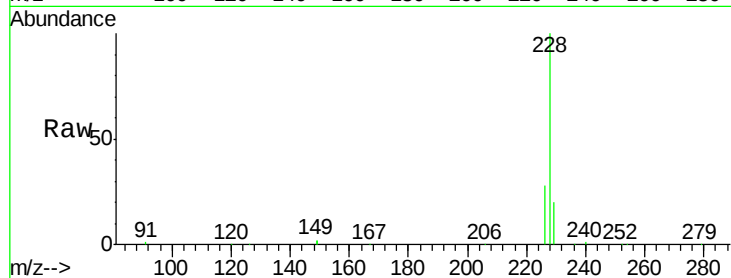
Tgt Ion:228 Resp: 48739

Ion Ratio Lower Upper

228 100

226 28.1 21.5 32.3

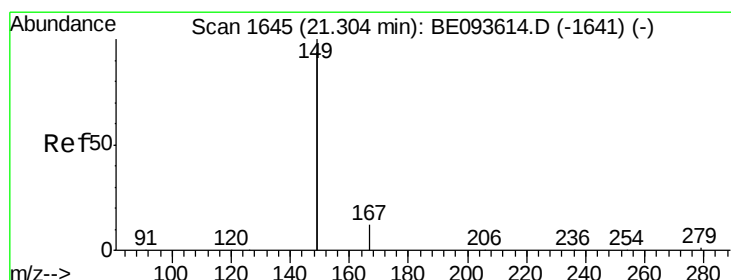
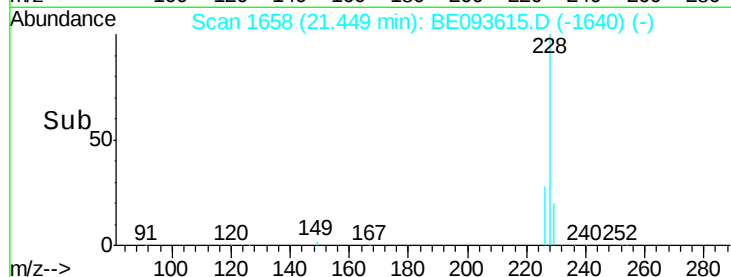
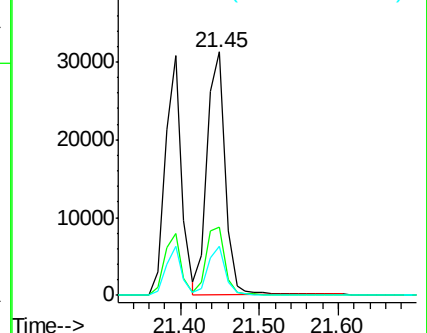
229 20.2 18.6 28.0



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: 0.414 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

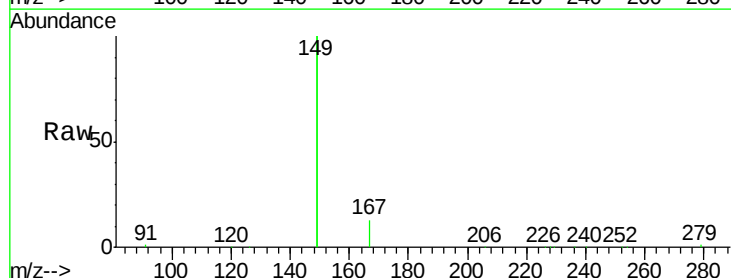
Tgt Ion:149 Resp: 54669

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

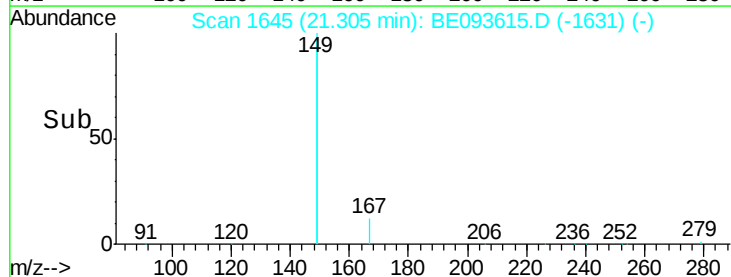
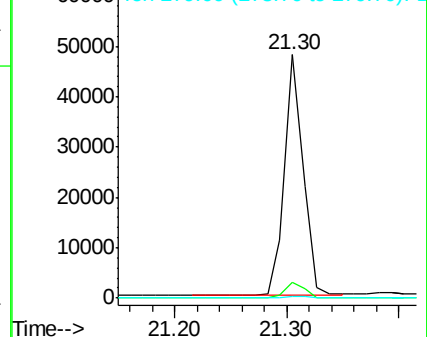
279 0.9 0.8 1.2

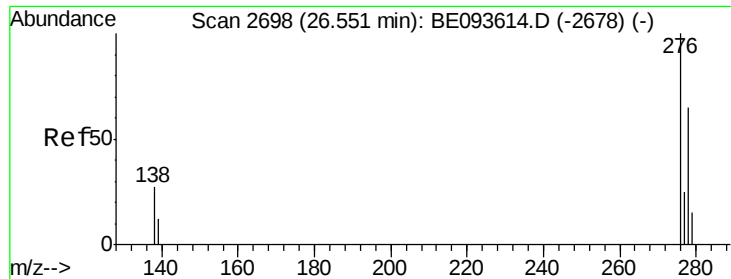


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.761 ng

RT: 26.55 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

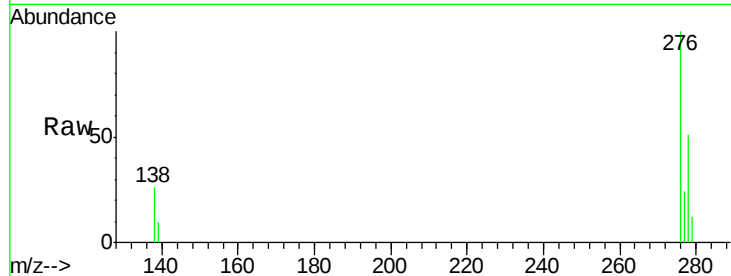
Tgt Ion:276 Resp: 43497

Ion Ratio Lower Upper

276 100

138 27.8 27.4 41.2

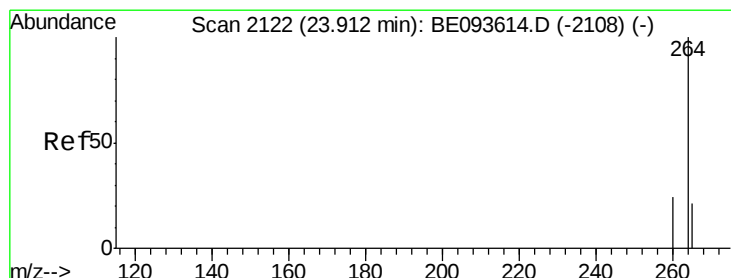
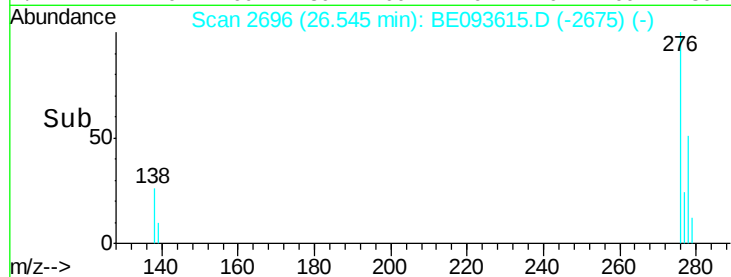
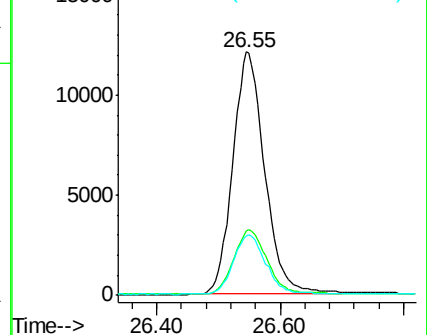
277 25.1 20.1 30.1



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# 2122

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

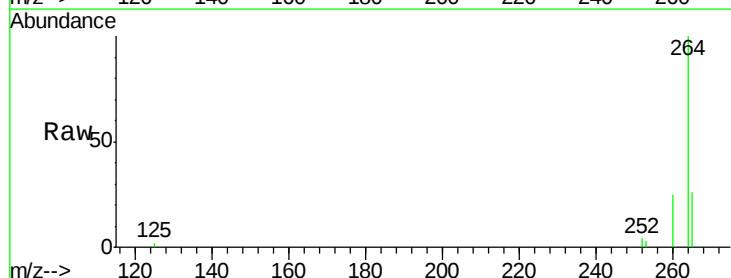
Tgt Ion:264 Resp: 15166

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

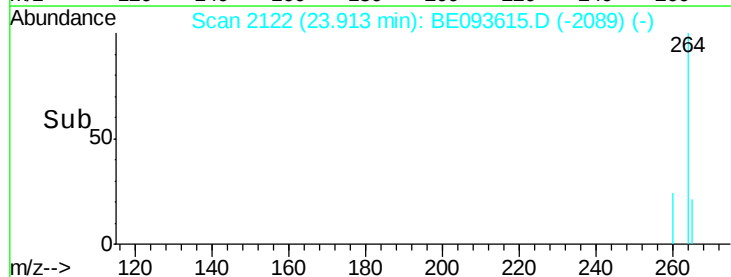
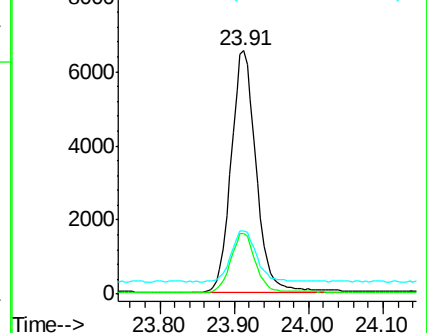
265 26.2 24.6 36.8

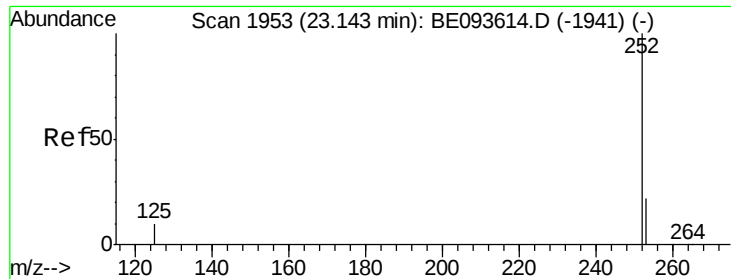


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.806 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

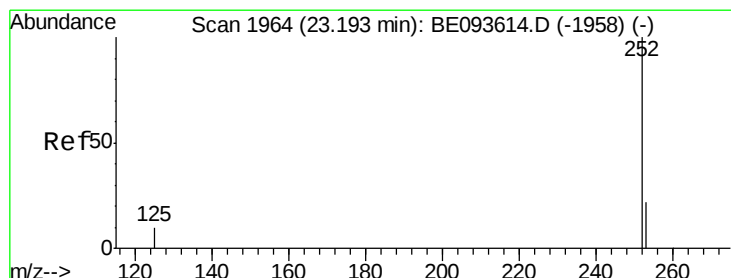
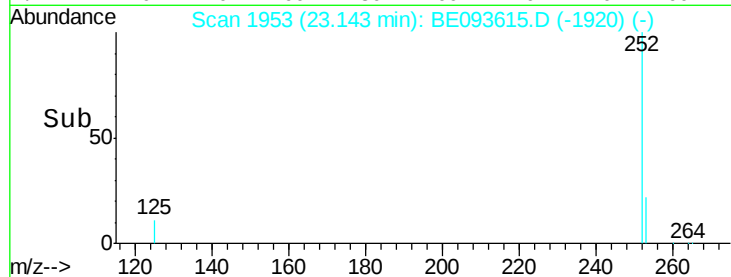
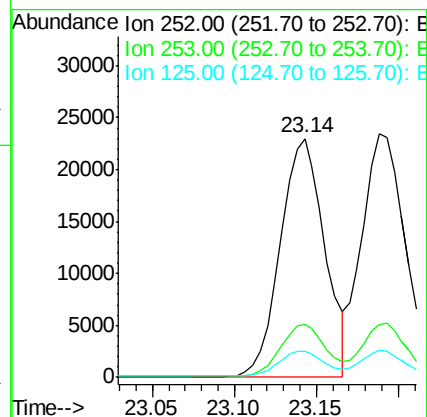
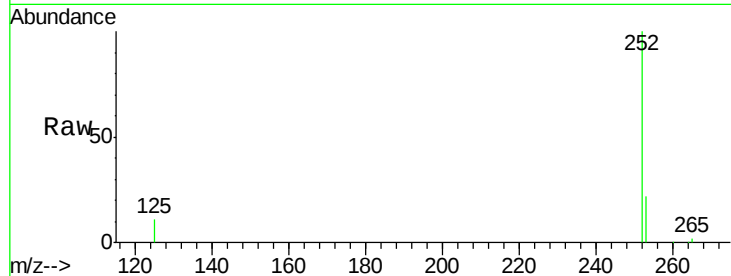
Tgt Ion:252 Resp: 42914

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 11.0 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 0.837 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

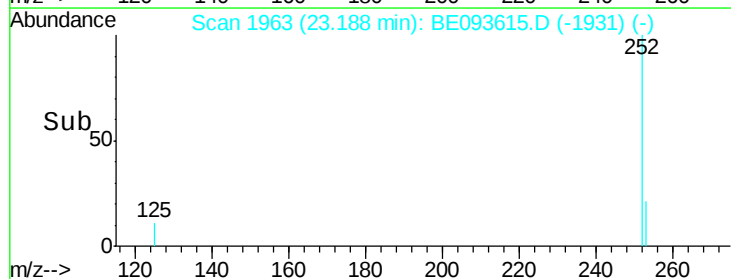
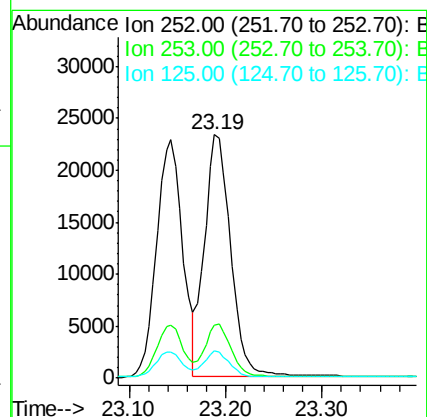
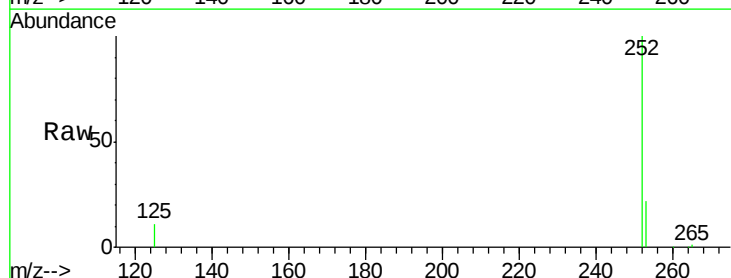
Tgt Ion:252 Resp: 44035

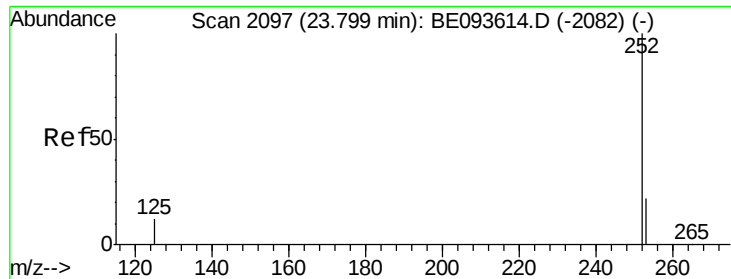
Ion Ratio Lower Upper

252 100

253 21.8 20.3 30.5

125 11.0 12.2 18.4#





#37

Benzo(a)pyrene

Concen: 0.784 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

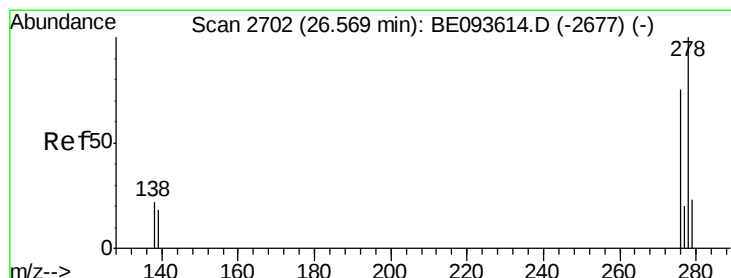
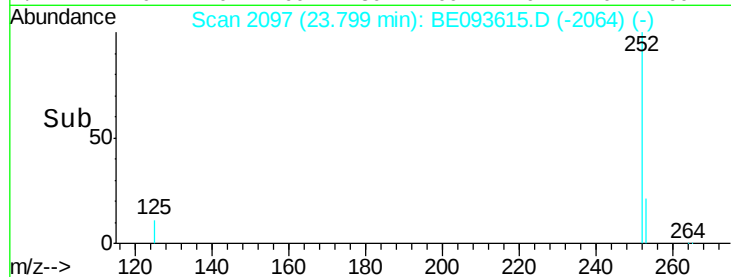
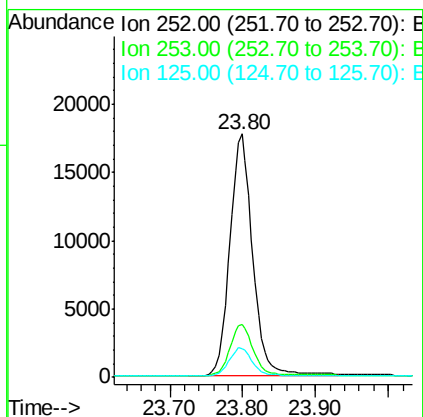
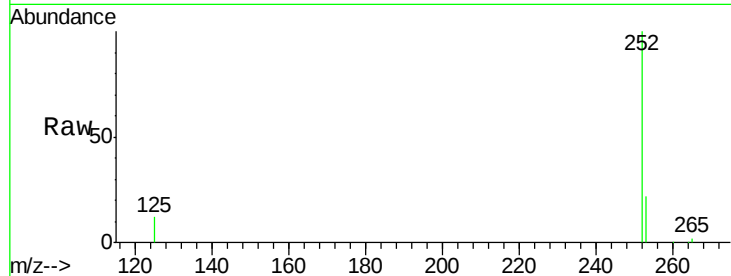
Tgt Ion:252 Resp: 38843

Ion Ratio Lower Upper

252 100

253 22.0 19.9 29.9

125 11.9 14.6 21.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.813 ng

RT: 26.57 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE093615.D

Acq: 1 Aug 2017 14:14

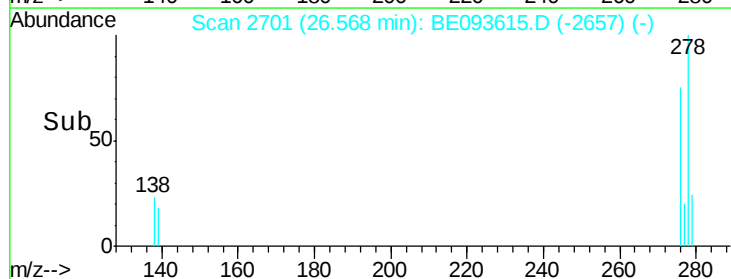
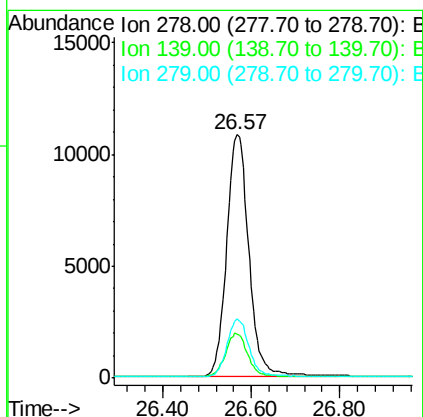
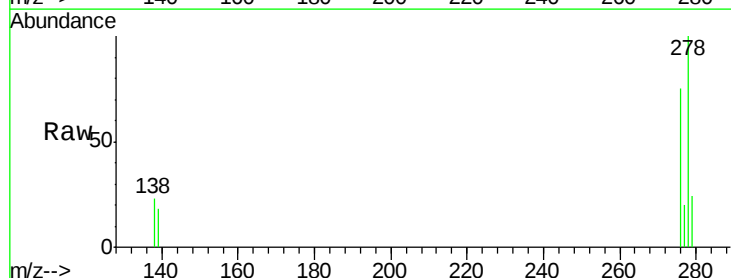
Tgt Ion:278 Resp: 38057

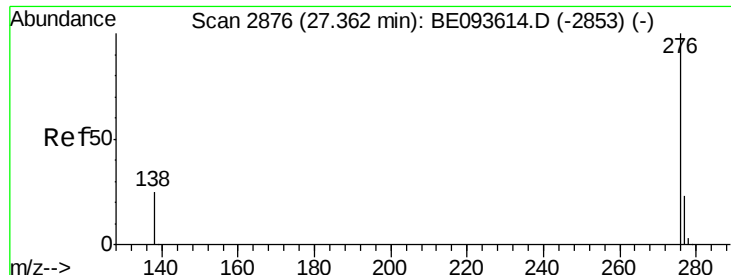
Ion Ratio Lower Upper

278 100

139 18.2 21.4 32.0#

279 24.3 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 0.813 ng

RT: 27.36 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE093615.D

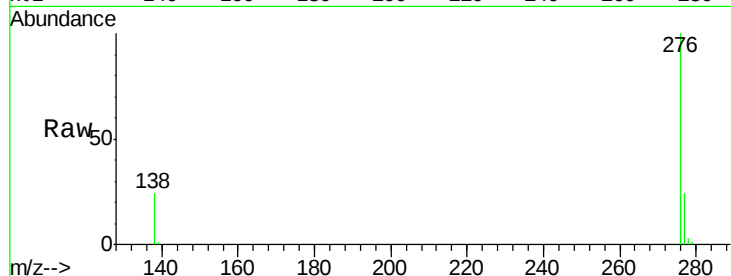
Acq: 1 Aug 2017 14:14

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 38196

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 23.9 24.5 36.7#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

