

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093934.D
 Acq On : 5 Sep 2017 13:12
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090517

Quant Time: Sep 05 13:48:48 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 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1939	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10016	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5748	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9519	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13689	0.40	ng	0.00
34) Perylene-d12	23.94	264	10892	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2460	0.39	ng	0.00
5) Phenol-d6	7.11	99	3492	0.37	ng	0.00
8) Nitrobenzene-d5	9.08	82	3288	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6442	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	696	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9058	0.40	ng	0.00
25) Fluoranthene-d10	19.29	212	59597	0.42	ng	0.00
29) Terphenyl-d14	19.87	244	9872	0.39	ng	0.00

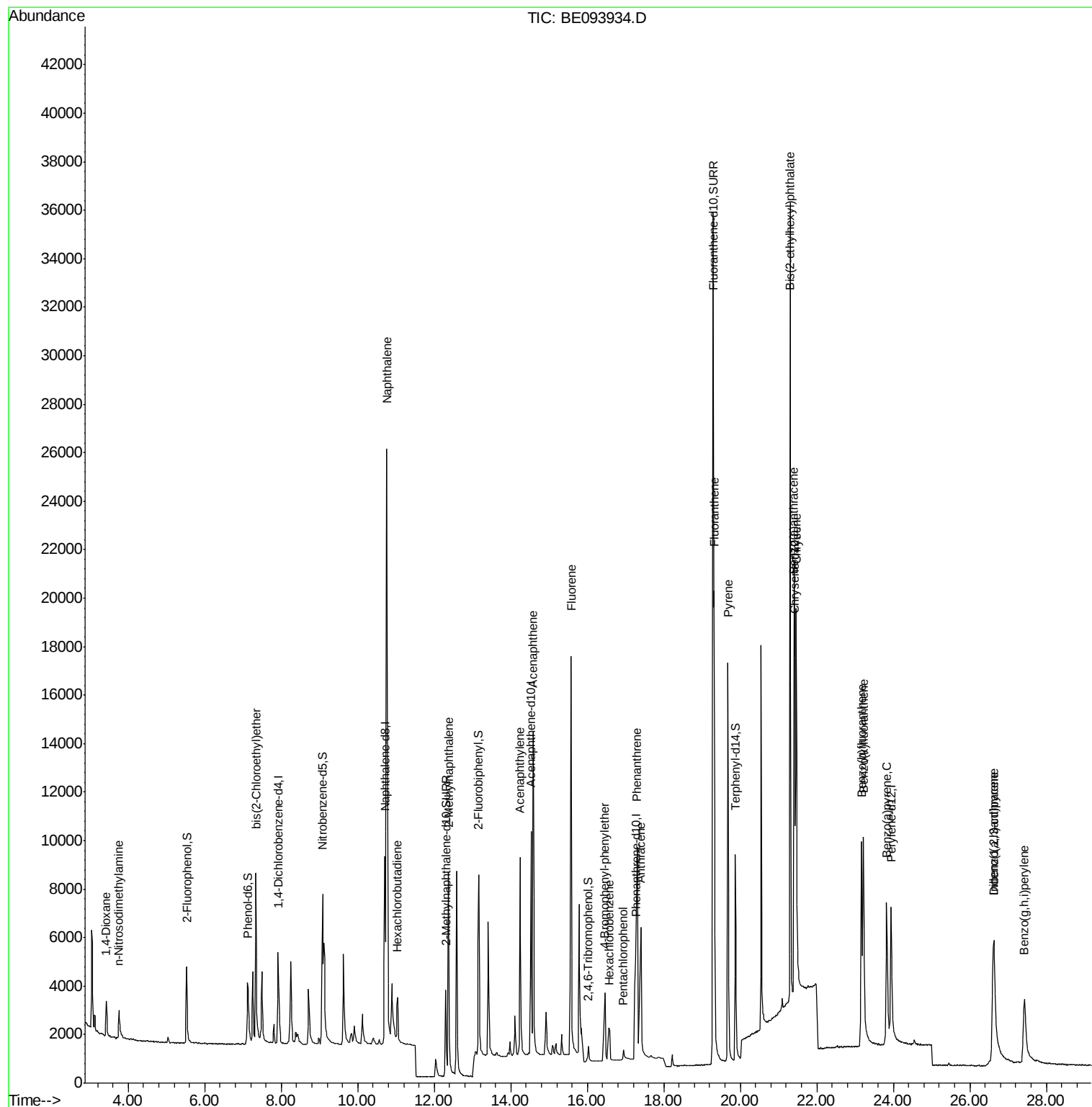
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	1050	0.393	ng	99
3) n-Nitrosodimethylamine	3.75	42	1224	0.391	ng	97
6) bis(2-Chloroethyl)ether	7.34	93	2973	0.387	ng	86
9) Naphthalene	10.76	128	45344	0.395	ng	100
10) Hexachlorobutadiene	11.04	225	1599	0.383	ng	98
12) 2-Methylnaphthalene	12.37	142	7550	0.396	ng	97
16) Acenaphthylene	14.24	152	10868	0.379	ng	100
17) Acenaphthene	14.59	154	7605	0.392	ng	99
18) Fluorene	15.58	166	9661	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2511	0.470	ng	89
21) Hexachlorobenzene	16.58	284	2347	0.418	ng	# 100
22) Pentachlorophenol	16.94	266	608	0.403	ng	98
23) Phenanthrene	17.30	178	17088	0.598	ng	# 100
24) Anthracene	17.40	178	9262	0.320	ng	# 56
26) Fluoranthene	19.31	202	17699	0.417	ng	99
28) Pyrene	19.67	202	18327	0.389	ng	99
30) Benzo(a)anthracene	21.40	228	16499	0.392	ng	98
31) Chrysene	21.46	228	17571	0.395	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	39104	0.383	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	10977	0.370	ng	96
35) Benzo(b)fluoranthene	23.17	252	13107	0.378	ng	97
36) Benzo(k)fluoranthene	23.22	252	17568	0.413	ng	96
37) Benzo(a)pyrene	23.83	252	13988	0.396	ng	96
38) Dibenzo(a,h)anthracene	26.63	278	9221	0.394	ng	# 91
39) Benzo(g,h,i)perylene	27.42	276	9895	0.401	ng	98

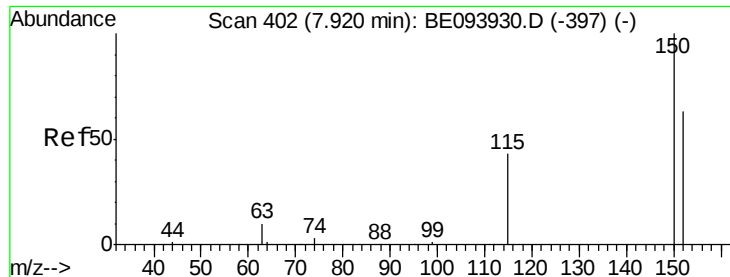
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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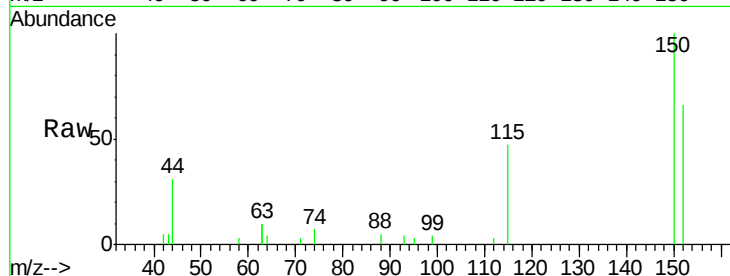


#1

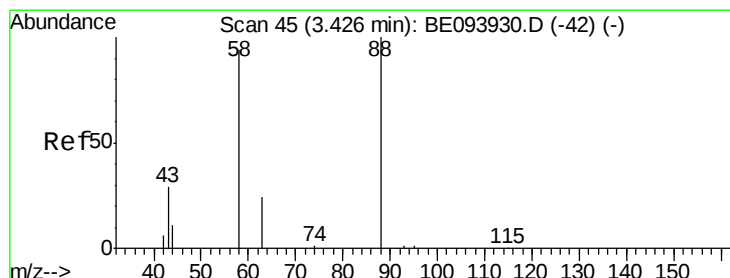
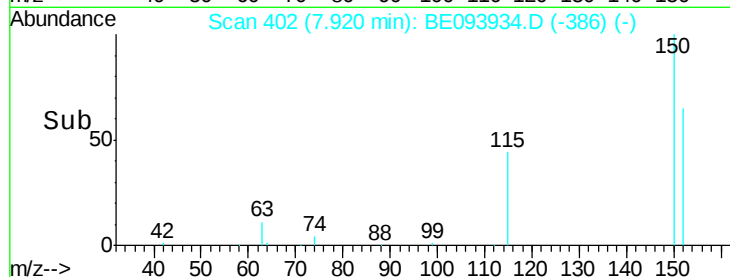
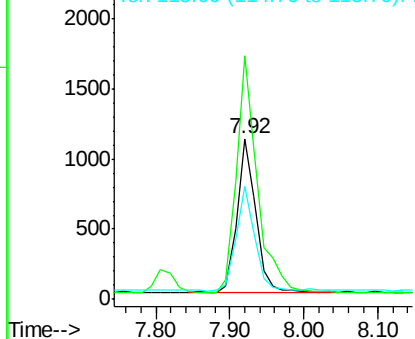
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093934.D
Acq: 5 Sep 2017 13:12

Instrument :
BNA_E
ClientSampleId :
ICVBE090517

Tgt Ion:152 Resp: 1939
Ion Ratio Lower Upper
152 100
150 151.2 121.8 182.6
115 70.4 52.6 79.0



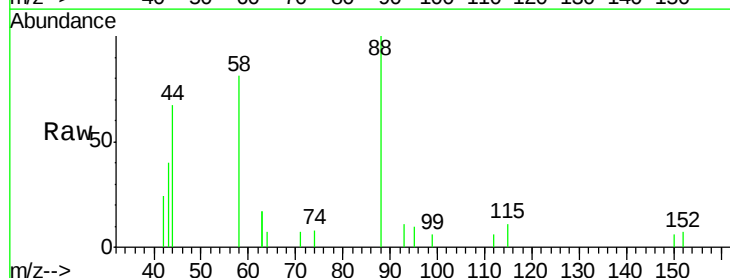
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



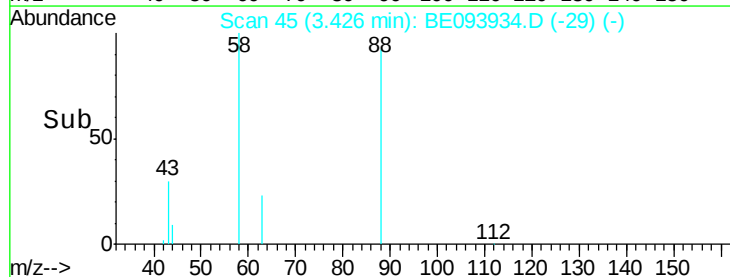
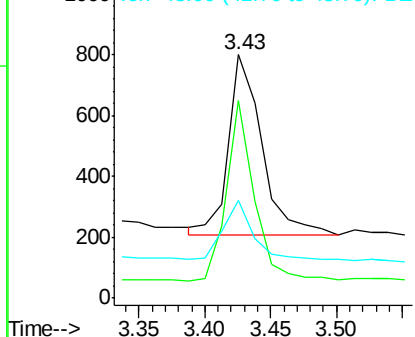
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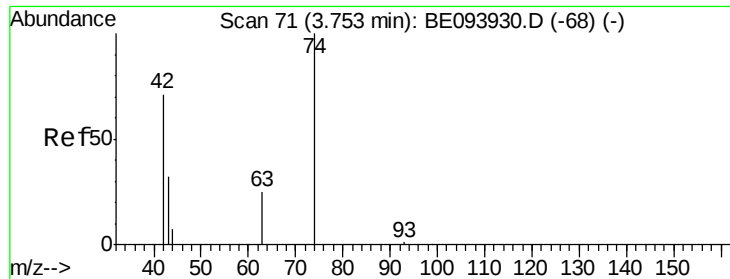
1,4-Dioxane
Concen: 0.393 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093934.D
Acq: 5 Sep 2017 13:12

Tgt Ion: 88 Resp: 1050
Ion Ratio Lower Upper
88 100
58 81.9 65.4 98.0
43 31.1 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



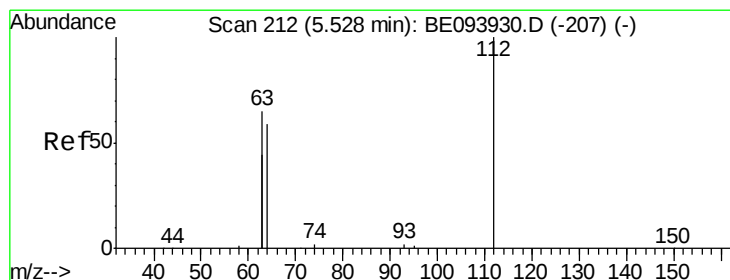
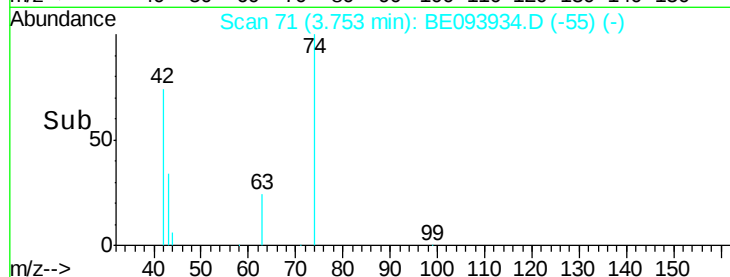
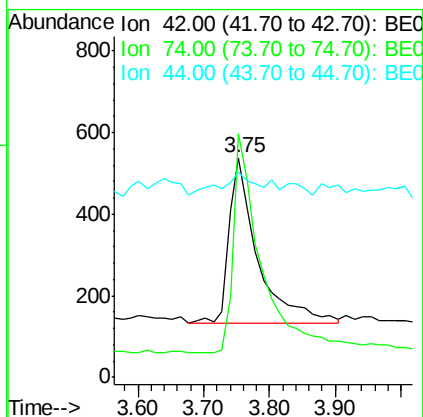
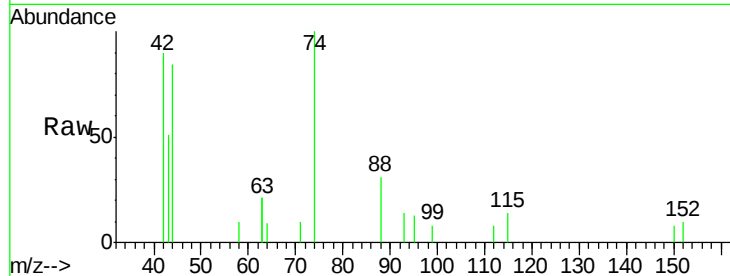


#3

n-Nitrosodimethylamine
 Concen: 0.391 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE093934.D
 Acq: 5 Sep 2017 13:12

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090517

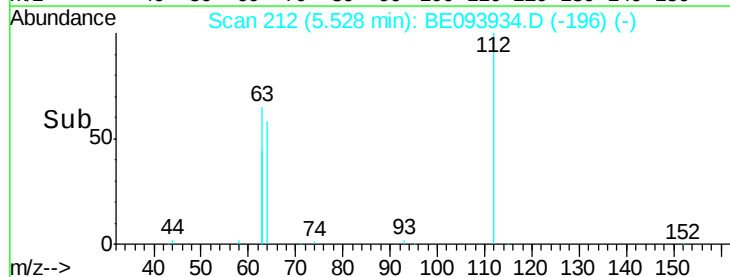
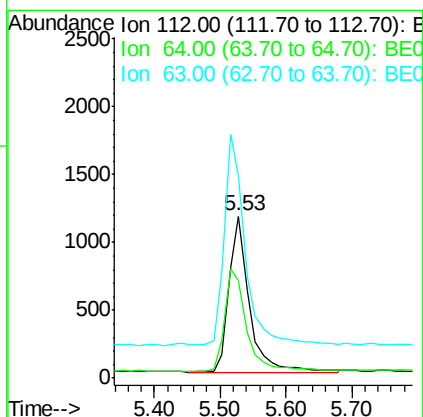
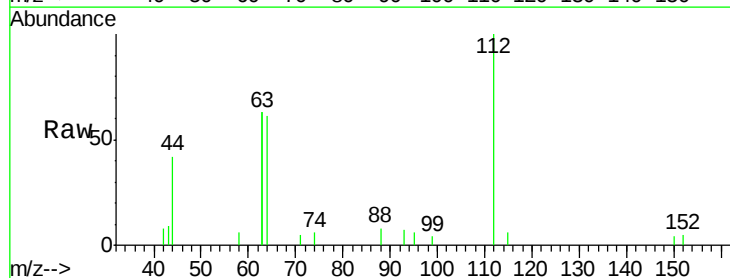
Tgt Ion: 42 Resp: 1224
 Ion Ratio Lower Upper
 42 100
 74 127.0 104.0 156.0
 44 15.3 13.8 20.8

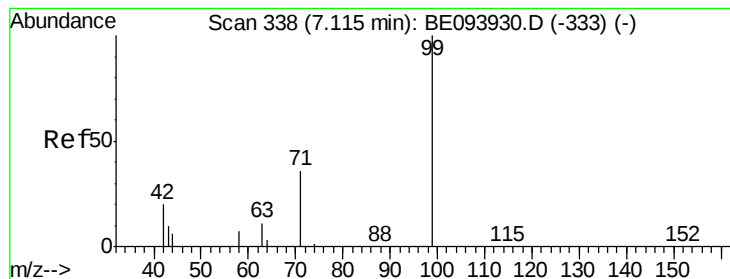


#4

2-Fluorophenol
 Concen: 0.392 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093934.D
 Acq: 5 Sep 2017 13:12

Tgt Ion: 112 Resp: 2460
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.7 86.5
 63 135.9 116.0 174.0





#5

Phenol-d6

Concen: 0.371 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

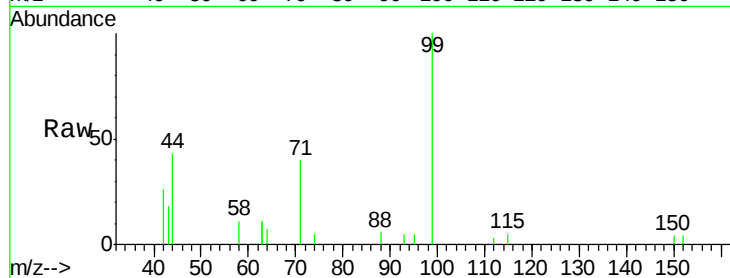
Tgt Ion: 99 Resp: 3492

Ion Ratio Lower Upper

99 100

42 20.1 17.1 25.7

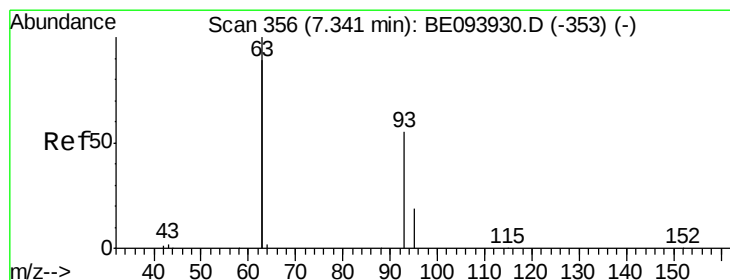
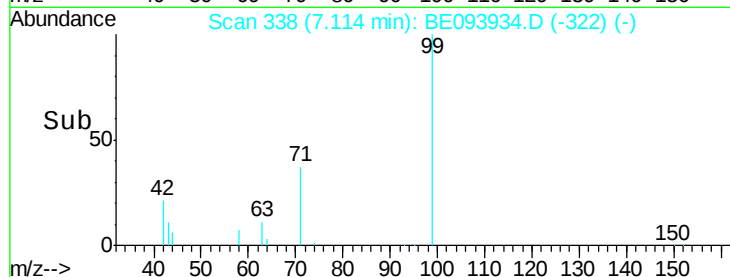
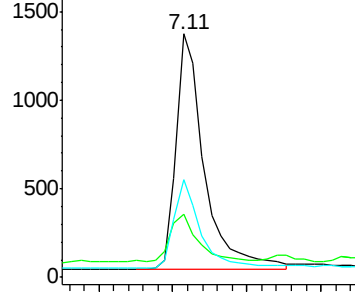
71 36.5 26.6 39.8



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: 0.387 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

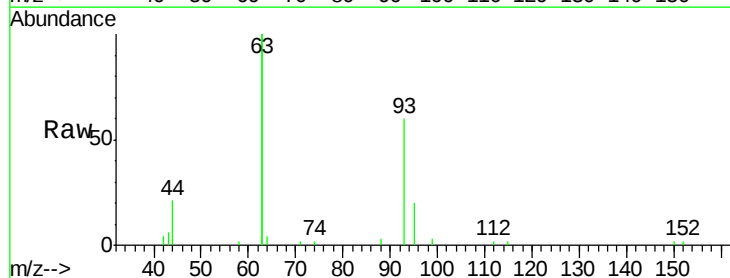
Tgt Ion: 93 Resp: 2973

Ion Ratio Lower Upper

93 100

63 321.0 283.4 425.2

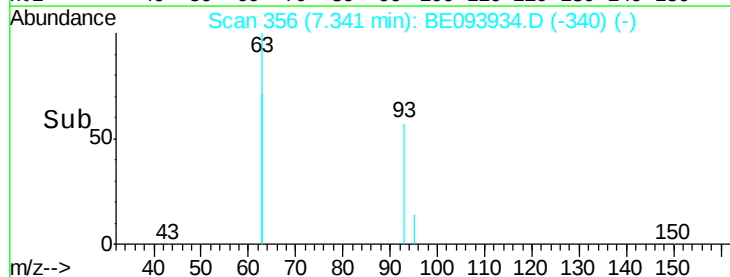
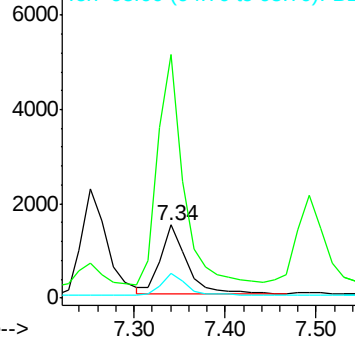
95 31.8 26.9 40.3

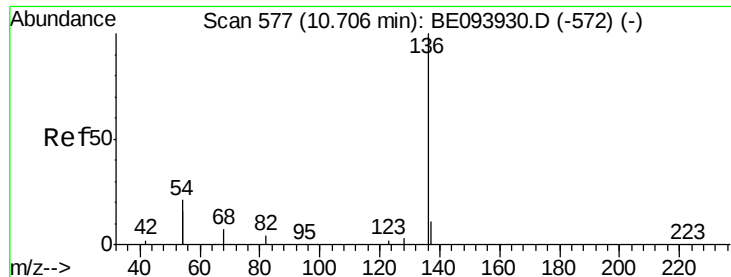


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

Tgt Ion:136 Resp: 10016

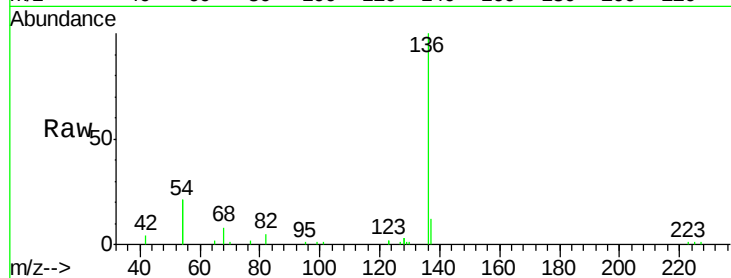
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 41.8 21.9 32.9#

68 8.3 4.6 7.0#

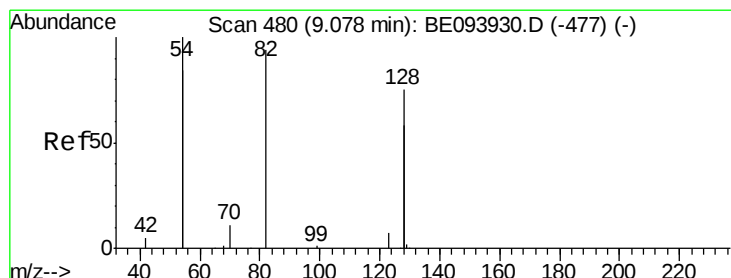
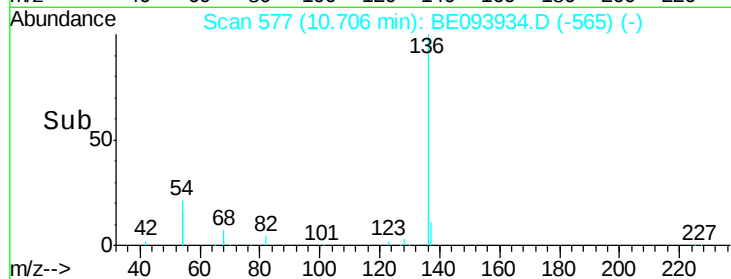
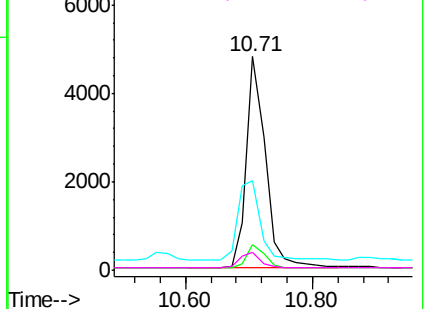


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

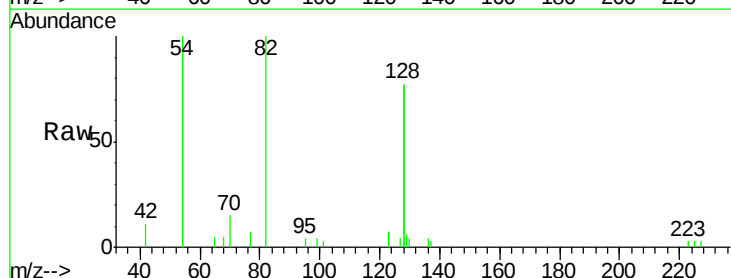
Tgt Ion: 82 Resp: 3288

Ion Ratio Lower Upper

82 100

128 155.1 91.4 137.0#

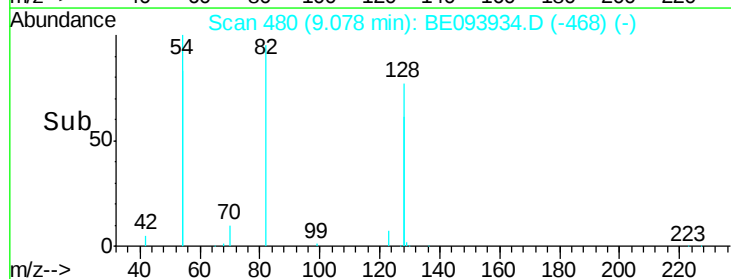
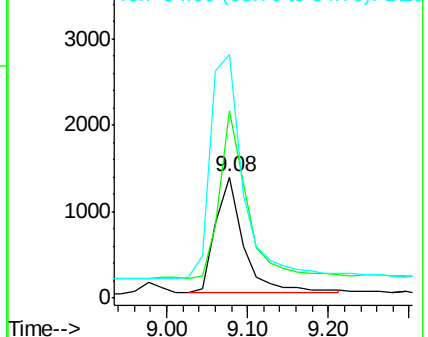
54 201.0 197.8 296.8

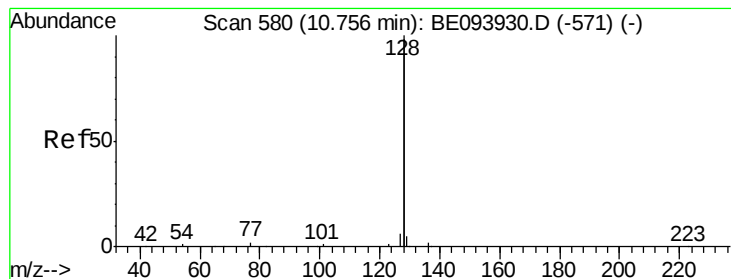


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

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ICVBE090517

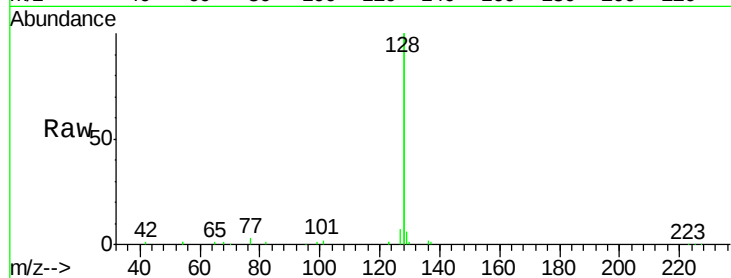
Tgt Ion:128 Resp: 45344

Ion Ratio Lower Upper

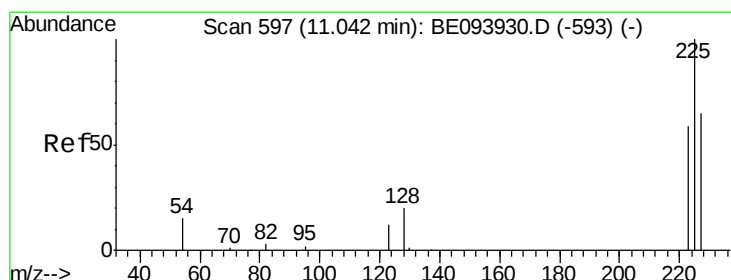
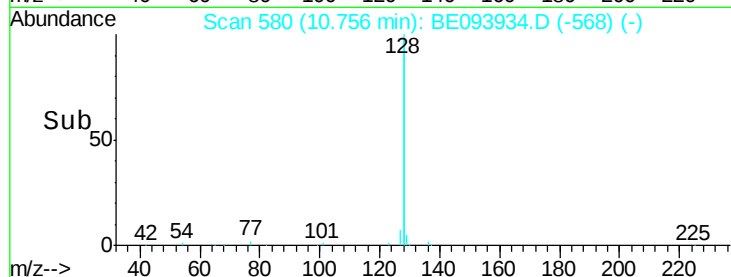
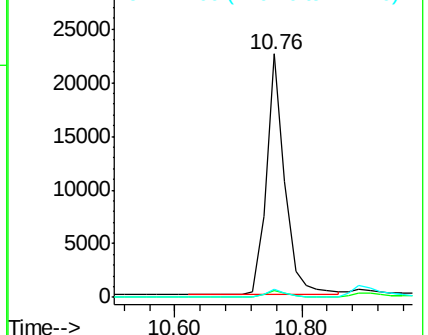
128 100

129 3.0 2.5 3.7

127 3.5 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: 0.383 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

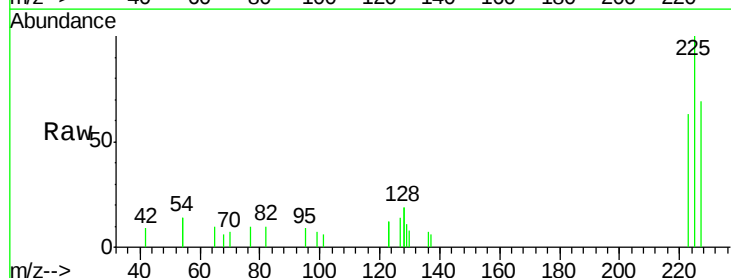
Tgt Ion:225 Resp: 1599

Ion Ratio Lower Upper

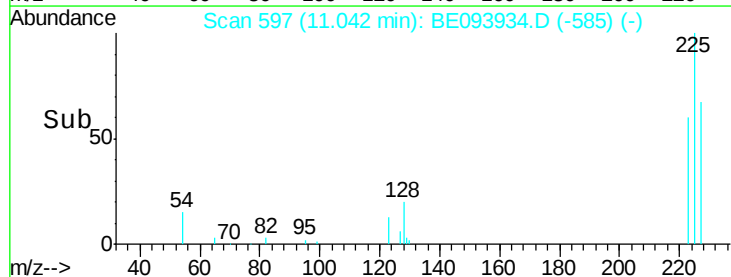
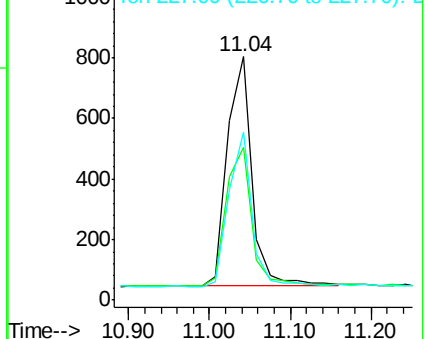
225 100

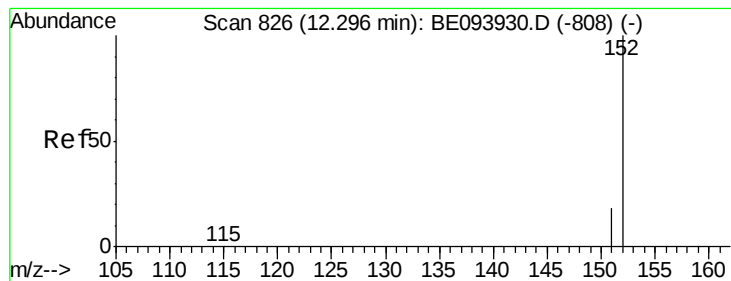
223 63.1 49.4 74.0

227 64.4 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: 0.402 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

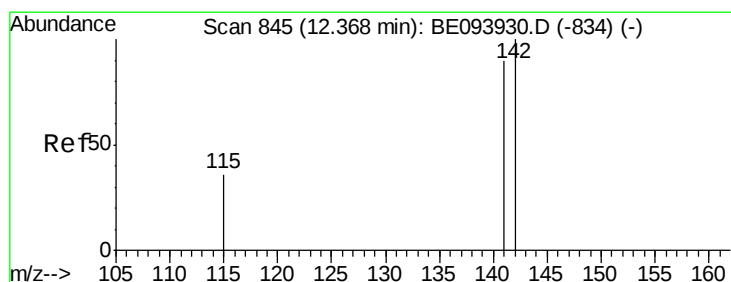
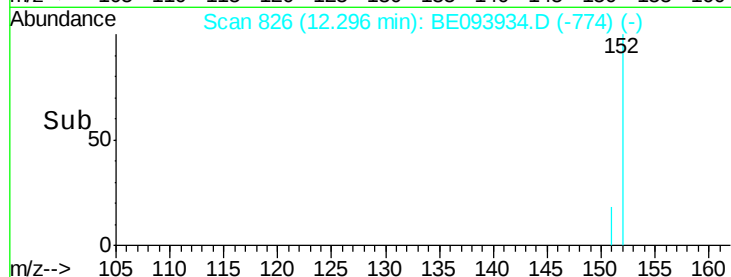
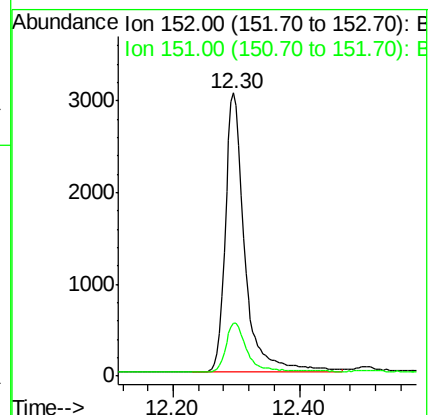
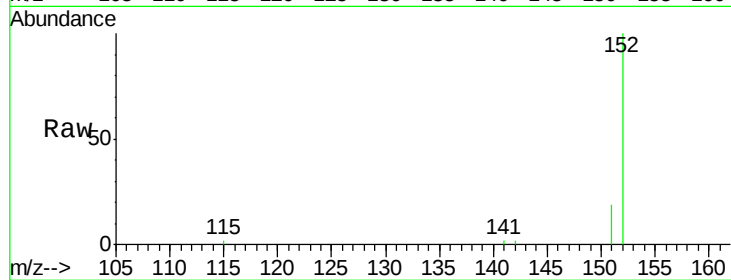
ICVBE090517

Tgt Ion:152 Resp: 6442

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

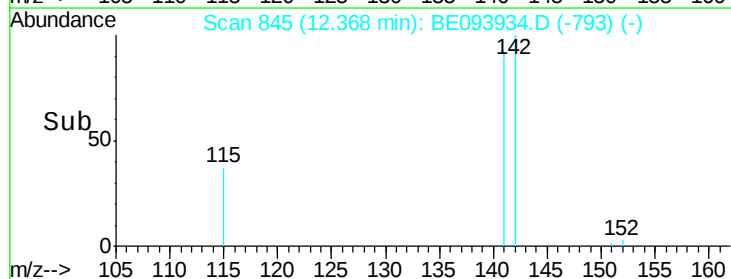
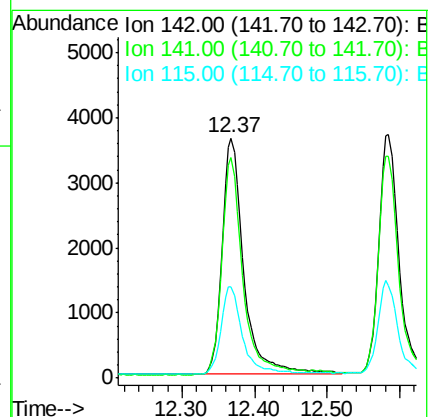
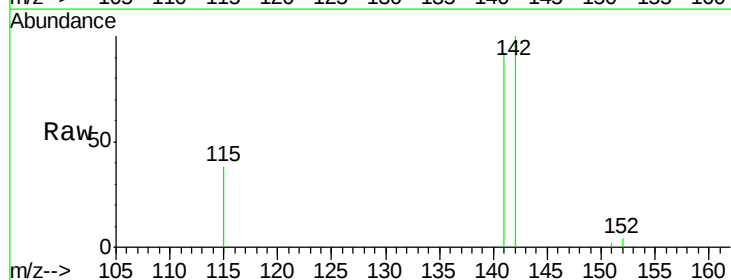
Tgt Ion:142 Resp: 7550

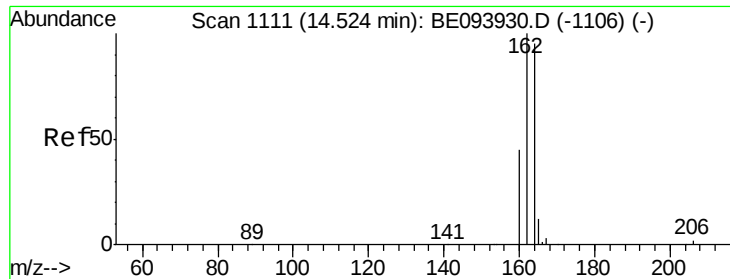
Ion Ratio Lower Upper

142 100

141 91.7 71.4 107.2

115 38.1 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

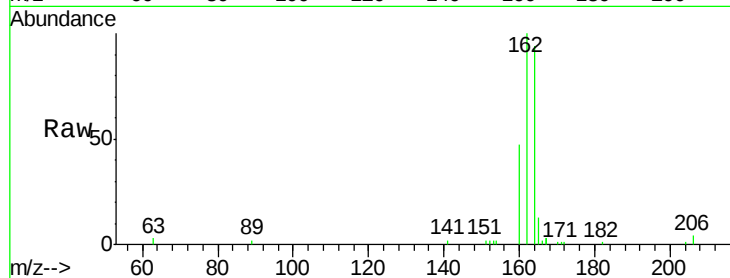
Tgt Ion:164 Resp: 5748

Ion Ratio Lower Upper

164 100

162 106.2 80.8 121.2

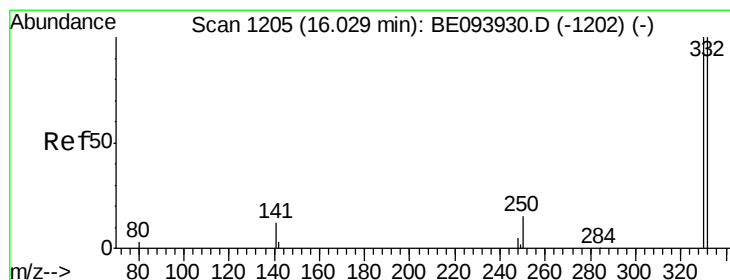
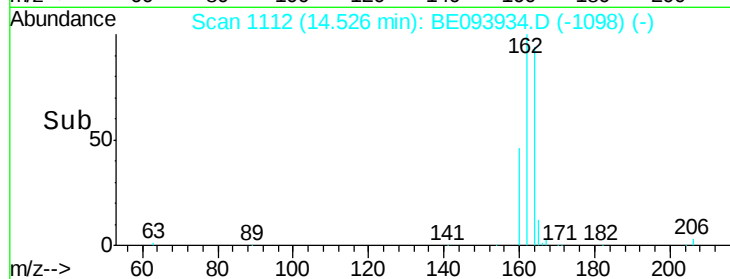
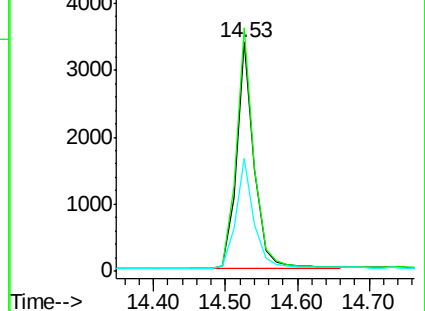
160 49.5 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

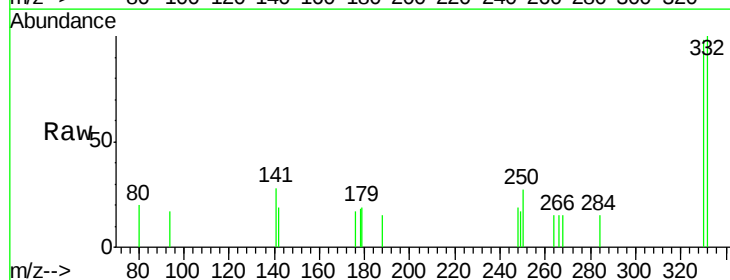
Tgt Ion:330 Resp: 696

Ion Ratio Lower Upper

330 100

332 100.9 76.9 115.3

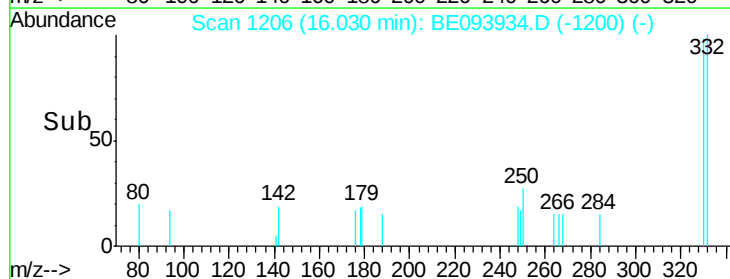
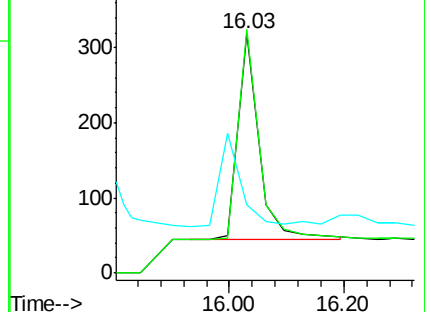
141 0.0 0.0 0.0

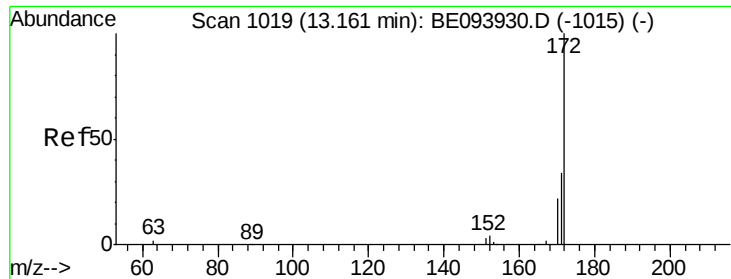


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

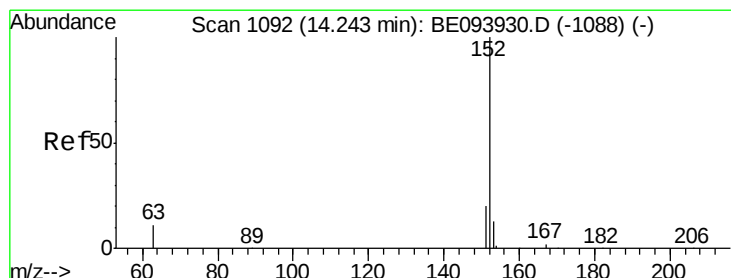
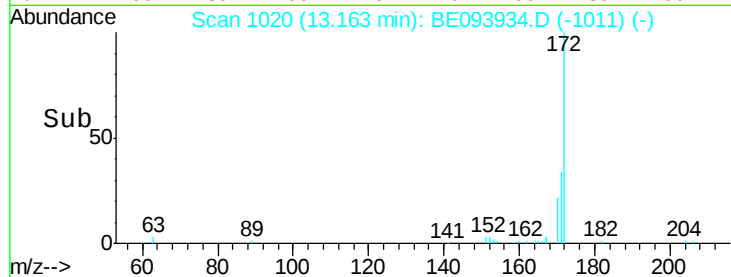
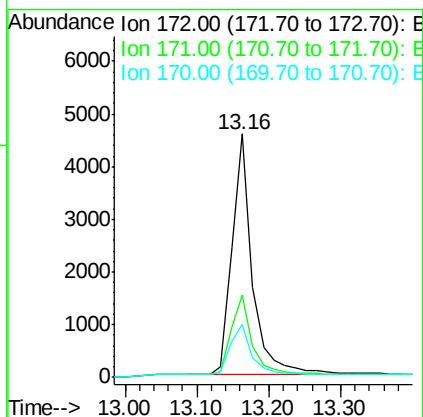
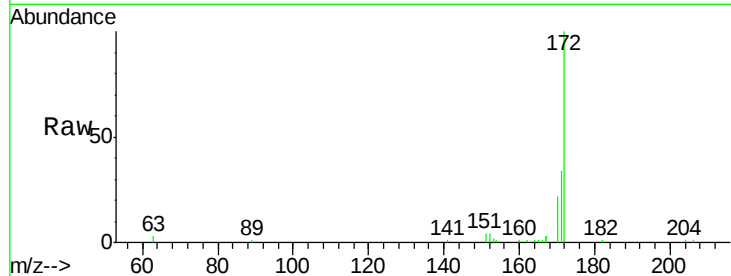




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093934.D
Acq: 5 Sep 2017 13:12

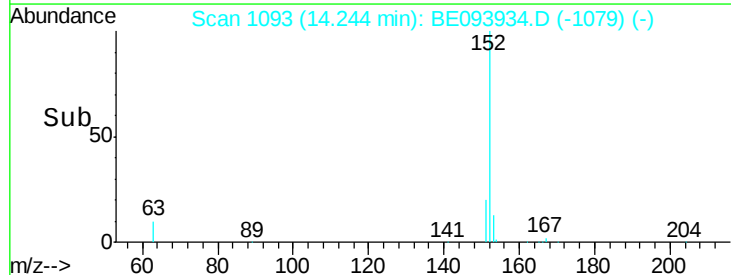
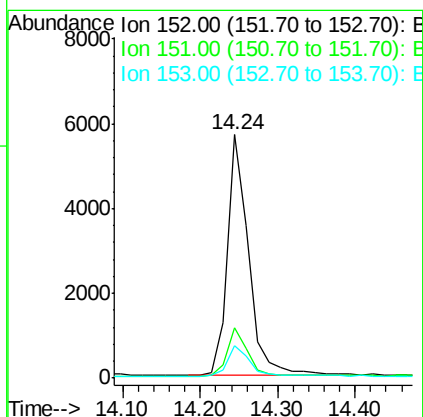
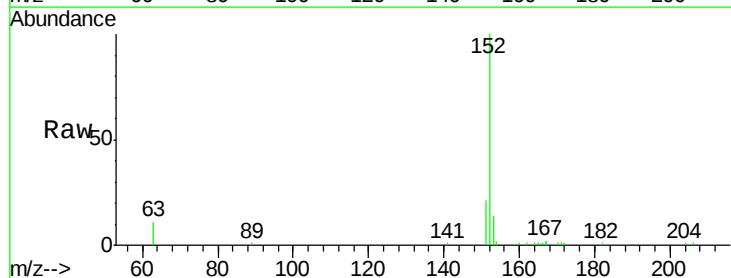
Instrument :
BNA_E
ClientSampleId :
ICVBE090517

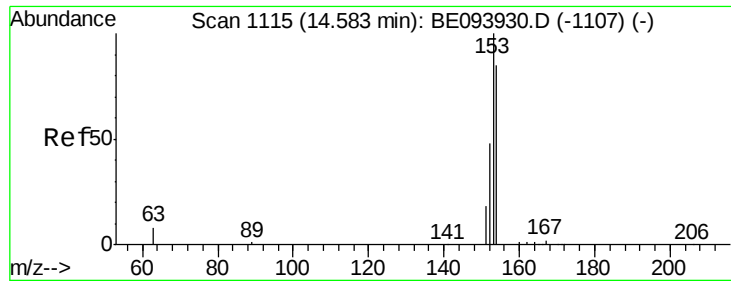
Tgt Ion:172 Resp: 9058
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.7 17.3 25.9



#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093934.D
Acq: 5 Sep 2017 13:12

Tgt Ion:152 Resp: 10868
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

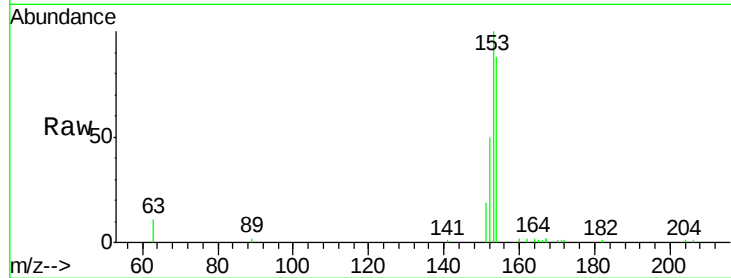
Tgt Ion:154 Resp: 7605

Ion Ratio Lower Upper

154 100

153 113.8 91.8 137.6

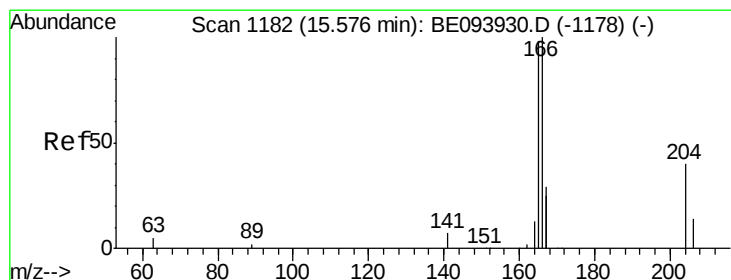
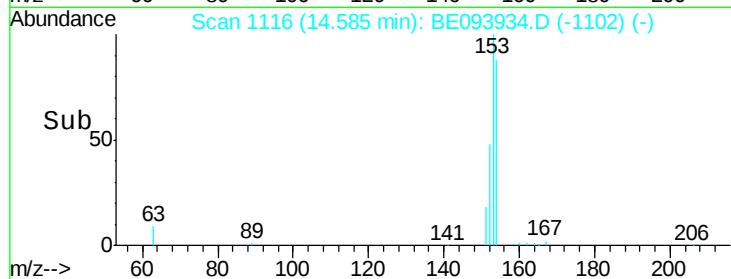
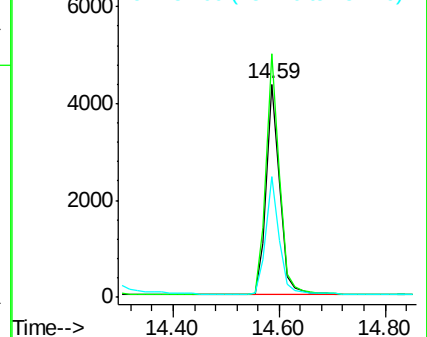
152 54.2 44.9 67.3



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: 0.386 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

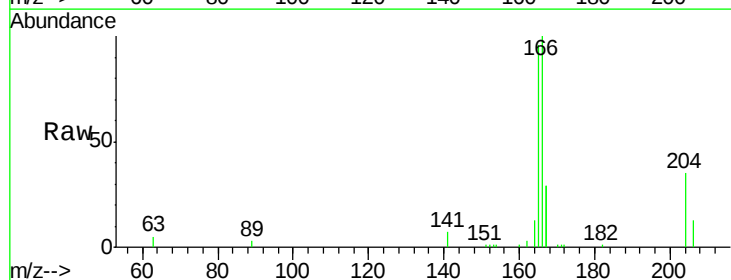
Tgt Ion:166 Resp: 9661

Ion Ratio Lower Upper

166 100

165 98.5 79.4 119.0

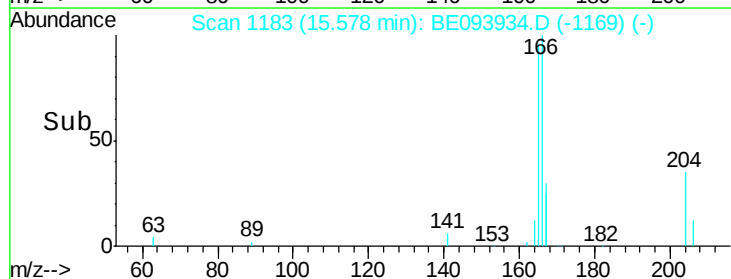
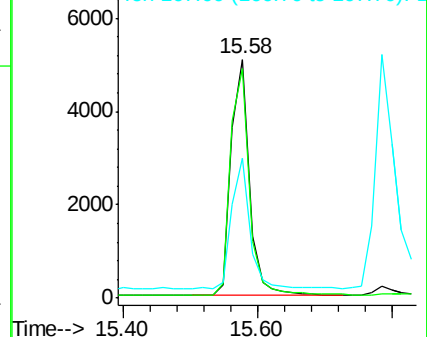
167 54.8 43.5 65.3

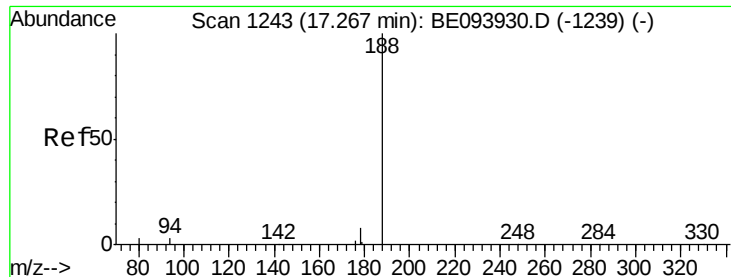


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1244

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

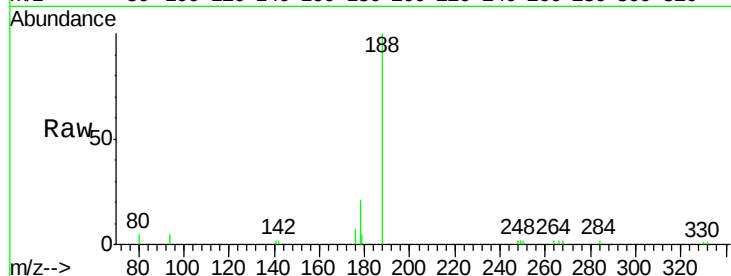
Tgt Ion:188 Resp: 9519

Ion Ratio Lower Upper

188 100

94 5.3 16.1 24.1#

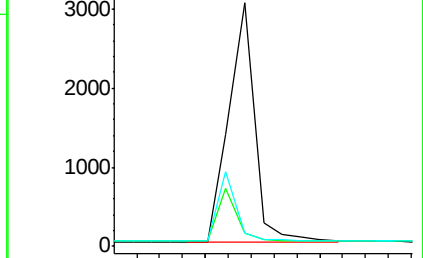
80 5.4 18.2 27.2#



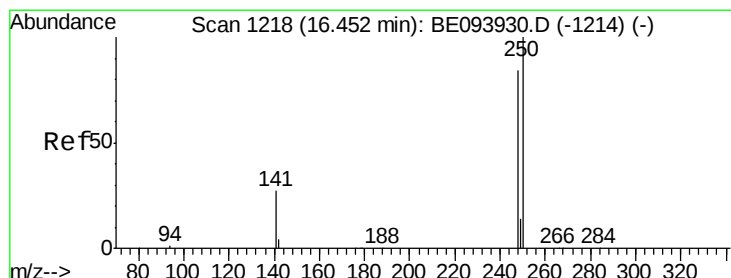
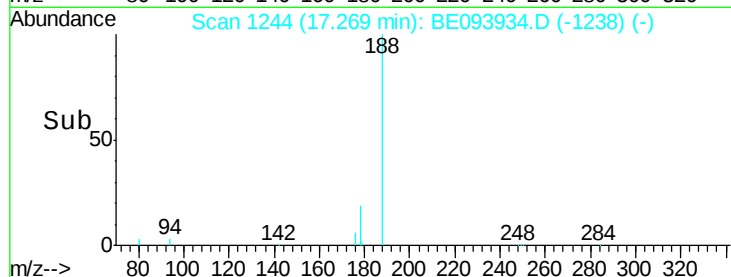
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.470 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

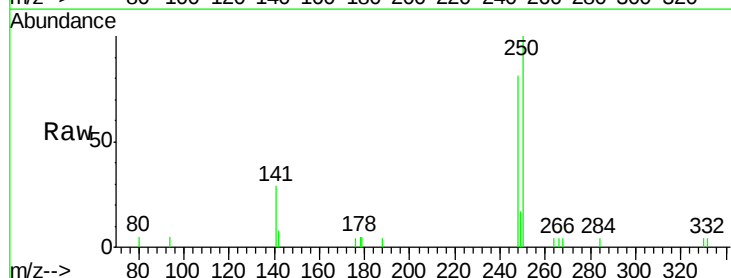
Tgt Ion:248 Resp: 2511

Ion Ratio Lower Upper

248 100

250 124.1 111.8 167.8

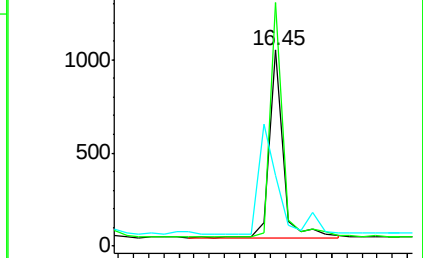
141 36.2 27.1 40.7



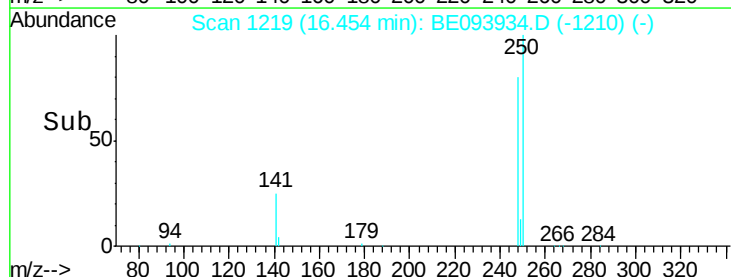
Abundance Ion 248.00 (247.70 to 248.70): E

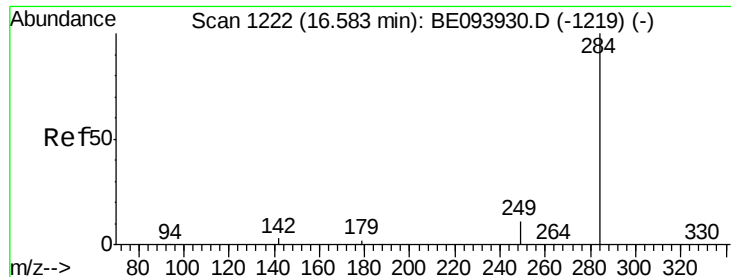
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

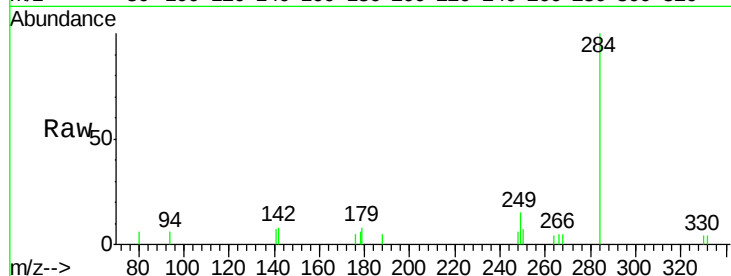
Tgt Ion:284 Resp: 2347

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

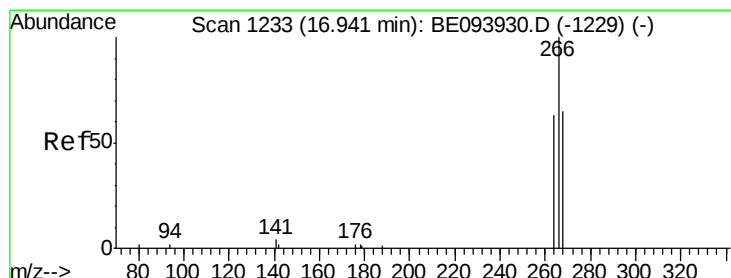
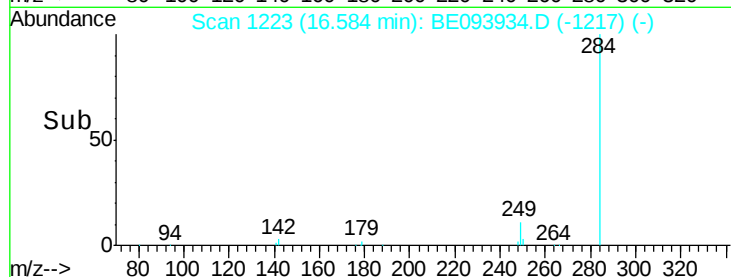
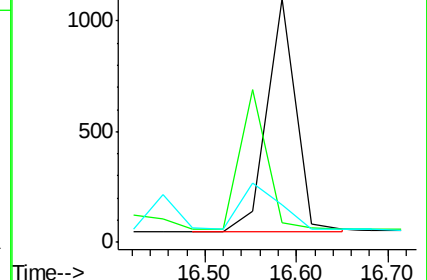
249 0.0 0.0 0.0



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: 0.403 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

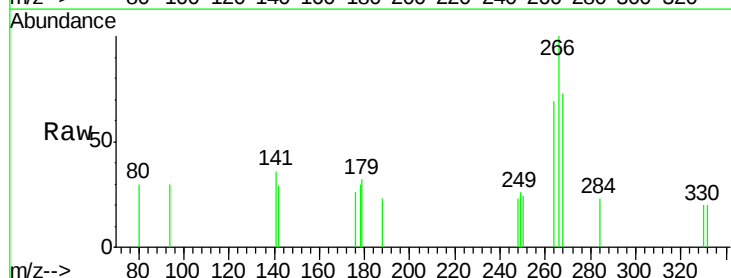
Tgt Ion:266 Resp: 608

Ion Ratio Lower Upper

266 100

264 68.6 53.5 80.3

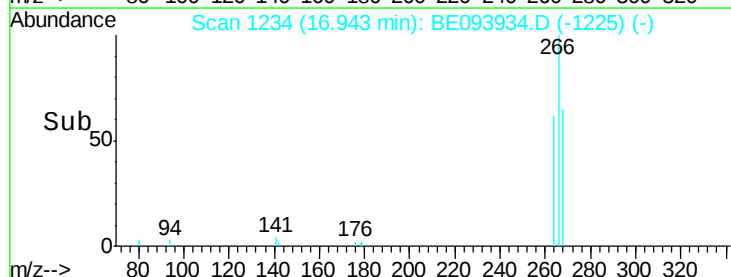
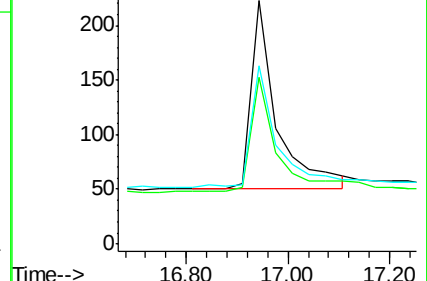
268 73.1 60.0 90.0

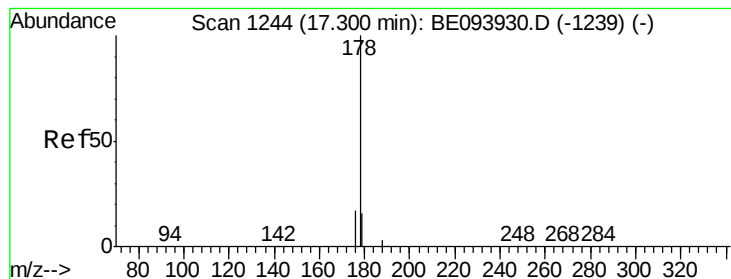


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.598 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

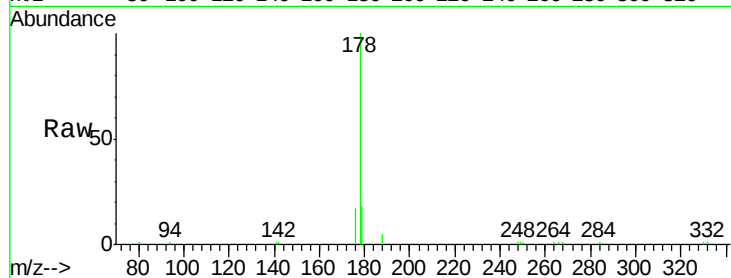
Tgt Ion:178 Resp: 17088

Ion Ratio Lower Upper

178 100

176 18.8 0.0 0.0#

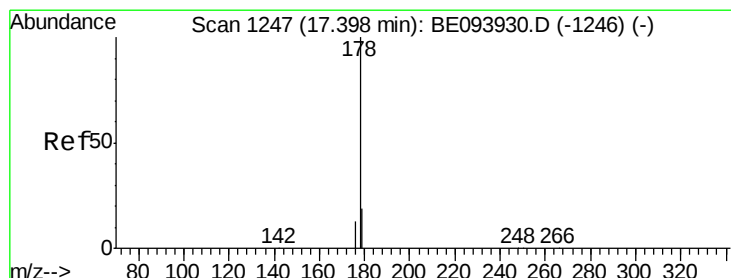
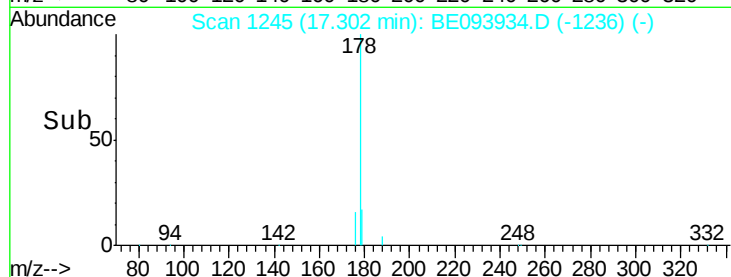
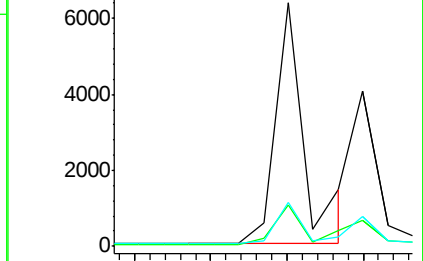
179 15.9 12.6 18.8



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: 0.320 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

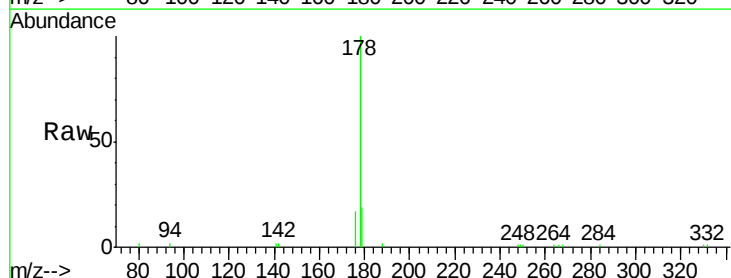
Tgt Ion:178 Resp: 9262

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

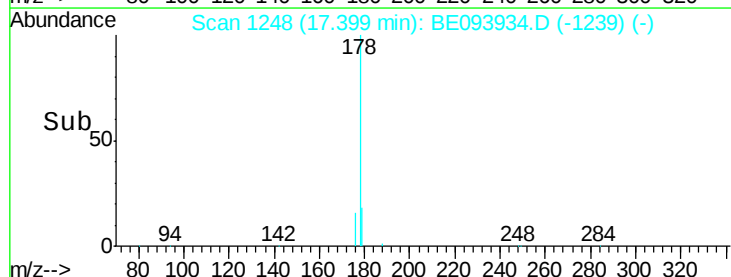
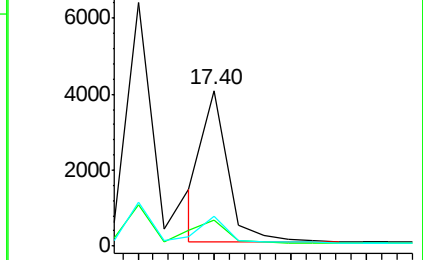
179 17.7 0.0 0.0#

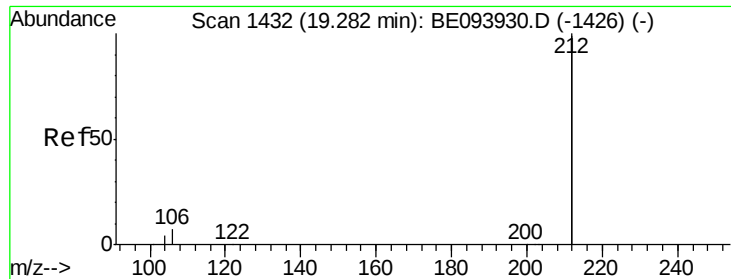


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

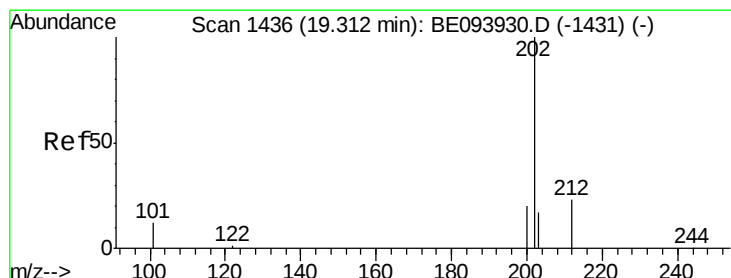
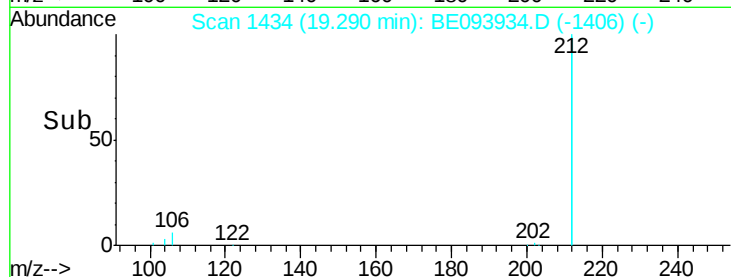
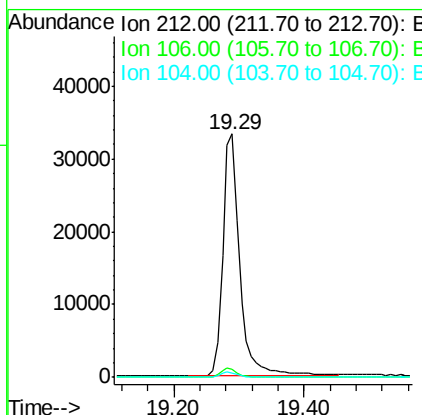
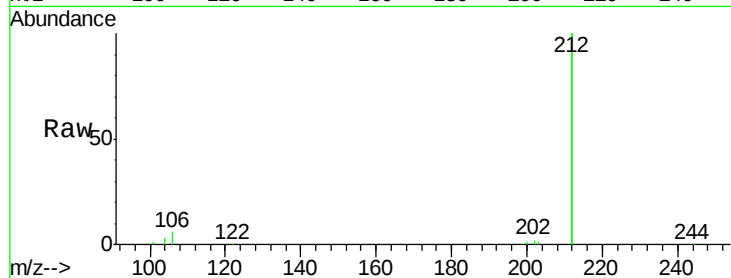




#25
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE093934.D
 Acq: 5 Sep 2017 13:12

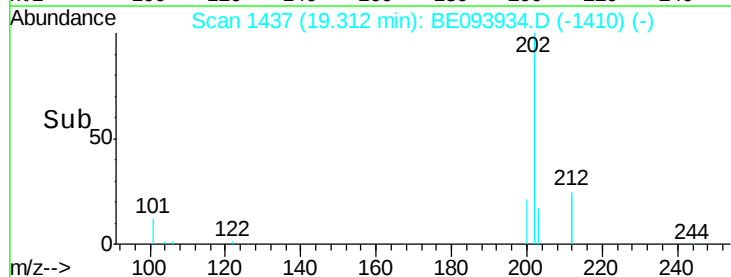
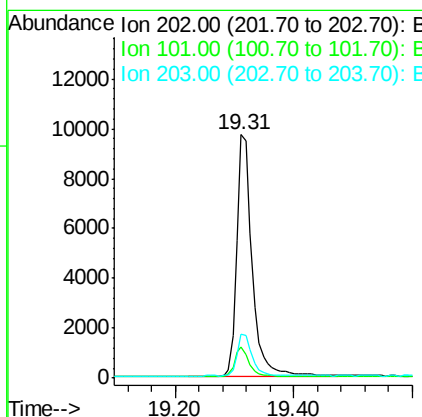
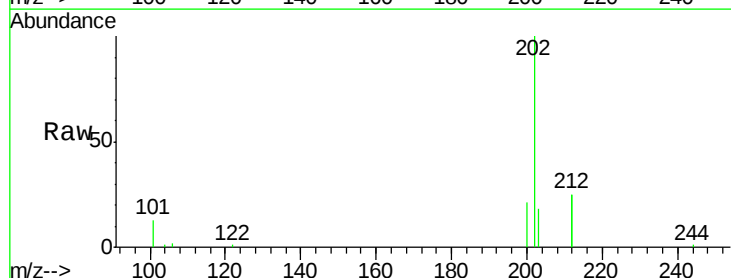
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090517

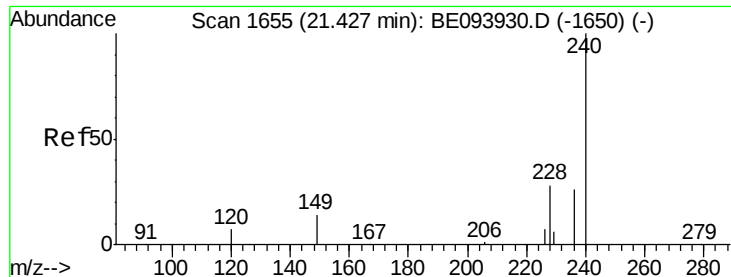
Tgt Ion: 212 Resp: 59597
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.7 4.1
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.417 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE093934.D
 Acq: 5 Sep 2017 13:12

Tgt Ion: 202 Resp: 17699
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 203 16.8 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

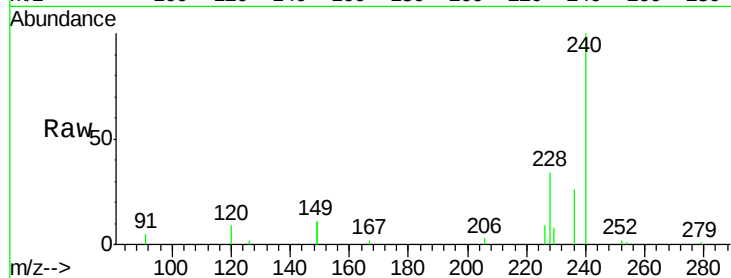
Tgt Ion:240 Resp: 13689

Ion Ratio Lower Upper

240 100

120 9.4 8.7 13.1

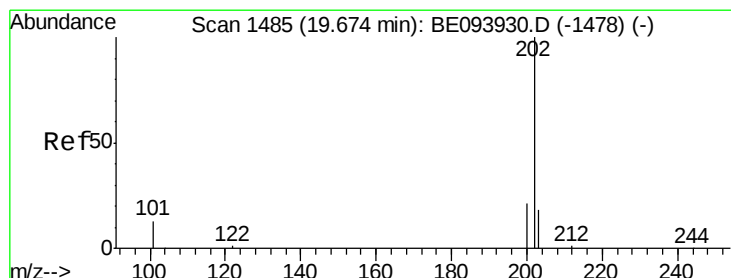
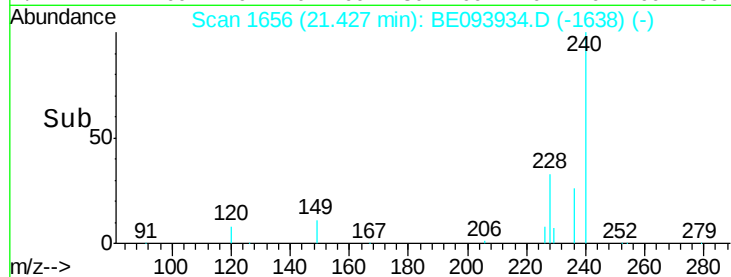
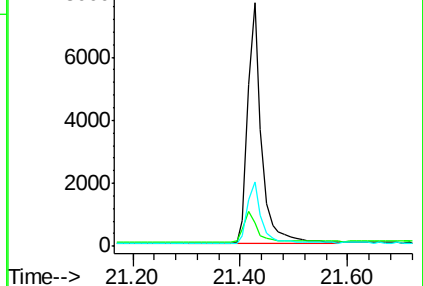
236 26.4 21.3 31.9



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: 0.389 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

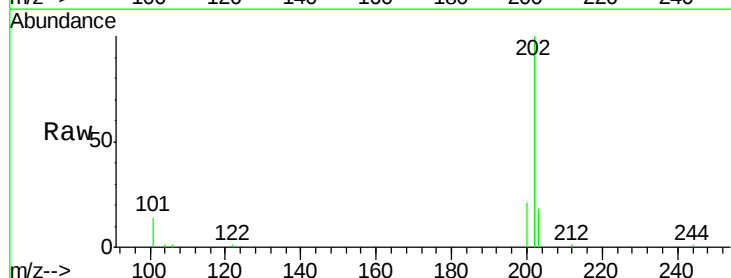
Tgt Ion:202 Resp: 18327

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

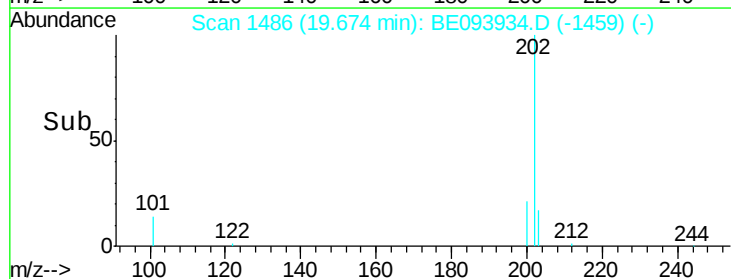
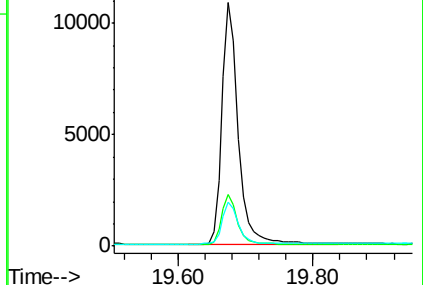
203 17.3 14.2 21.4

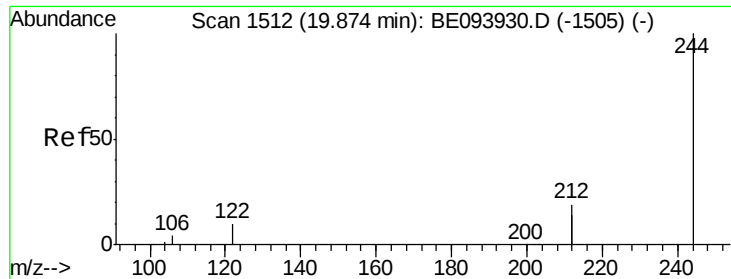


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

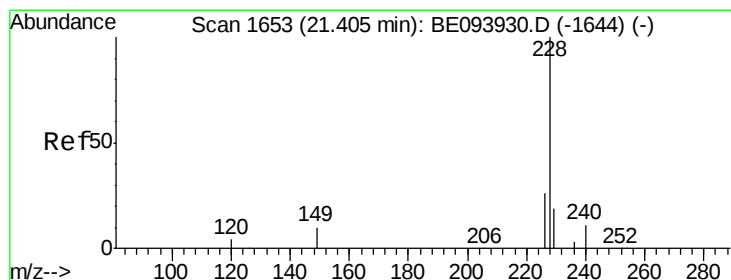
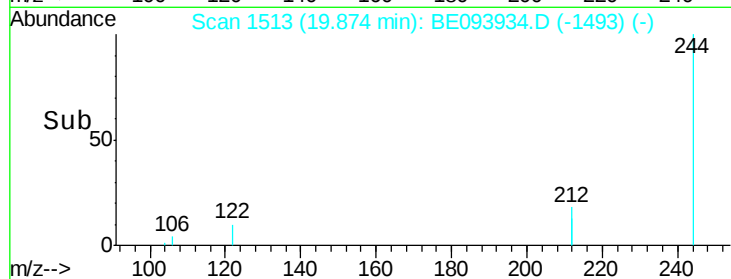
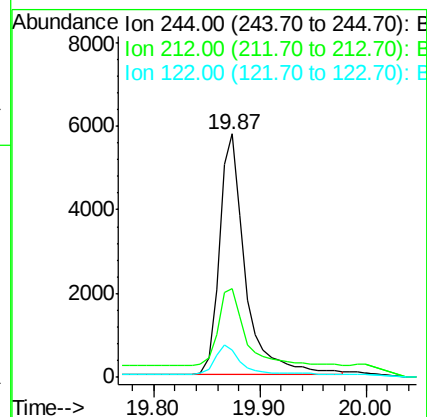
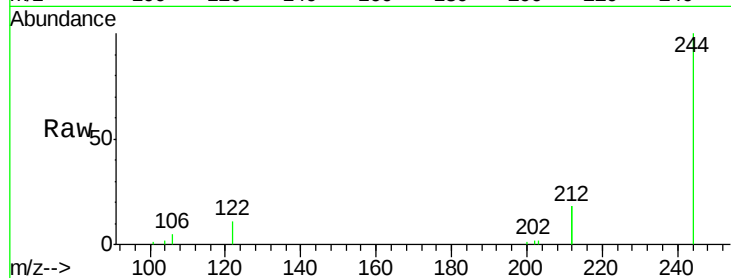
Tgt Ion:244 Resp: 9872

Ion Ratio Lower Upper

244 100

212 36.3 28.3 42.5

122 11.5 9.4 14.0



#30

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

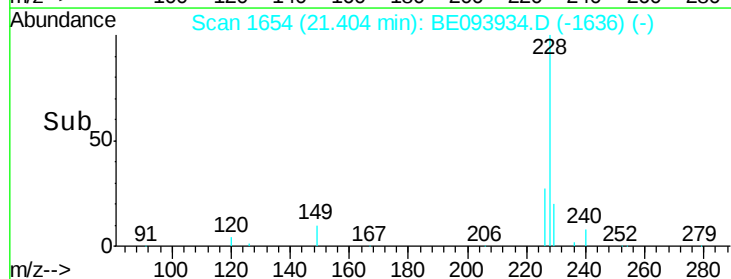
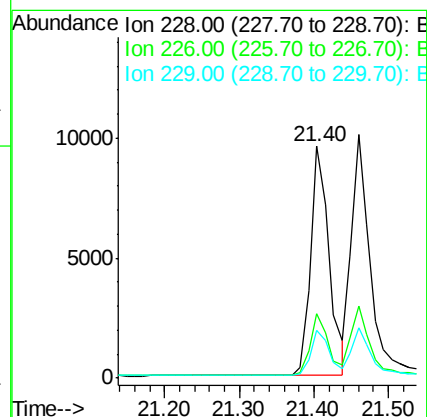
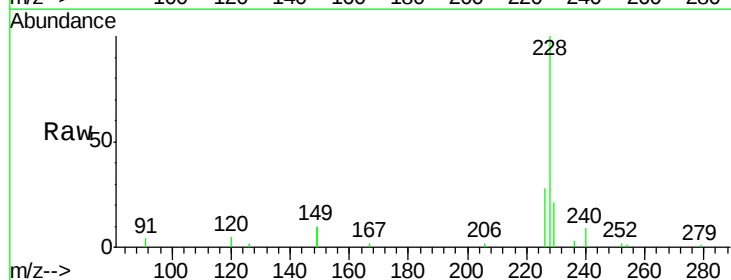
Tgt Ion:228 Resp: 16499

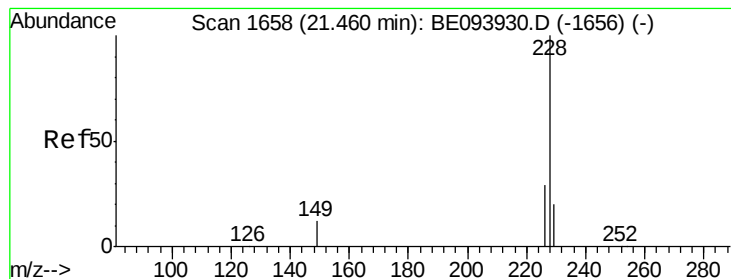
Ion Ratio Lower Upper

228 100

226 27.7 20.8 31.2

229 20.7 16.6 25.0





#31

Chrysene

Concen: 0.395 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

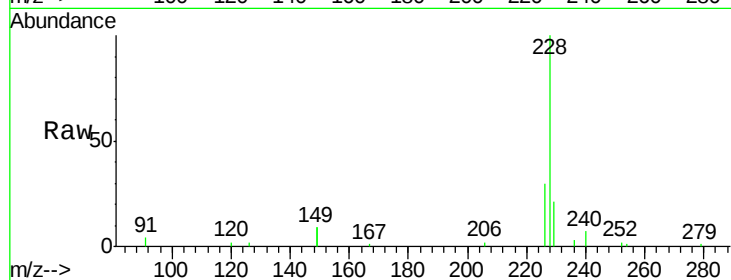
Tgt Ion:228 Resp: 17571

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

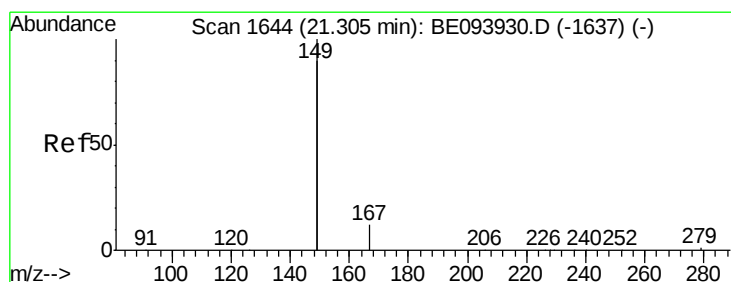
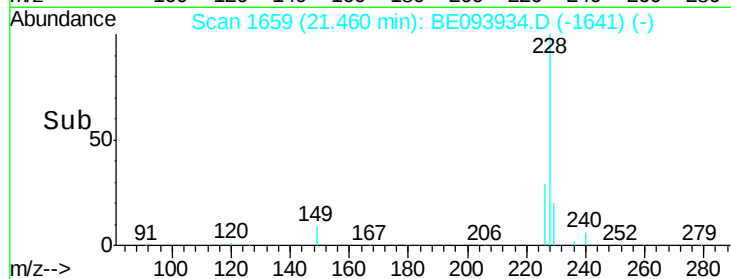
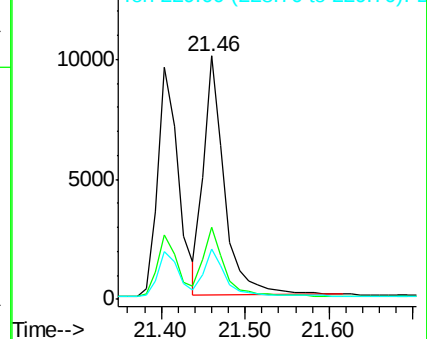
229 20.6 15.8 23.8



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: 0.383 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

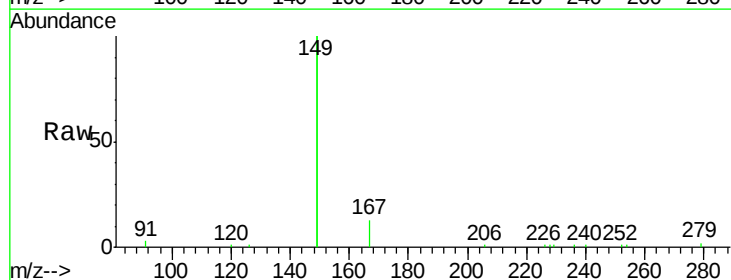
Tgt Ion:149 Resp: 39104

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

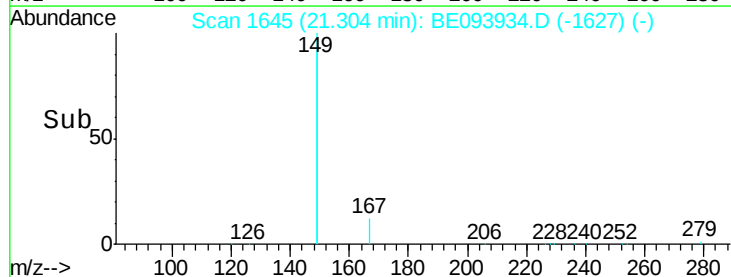
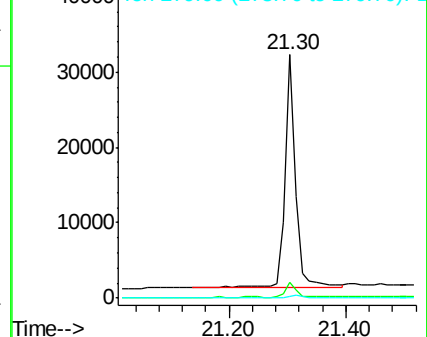
279 0.9 0.7 1.1

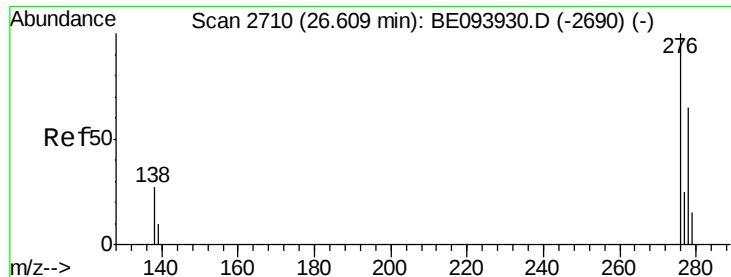


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.370 ng

RT: 26.61 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

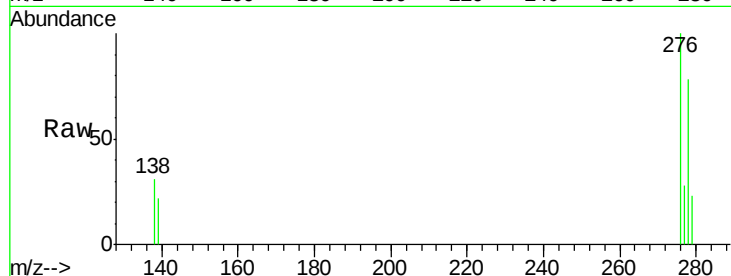
Tgt Ion:276 Resp: 10977

Ion Ratio Lower Upper

276 100

138 25.0 22.2 33.2

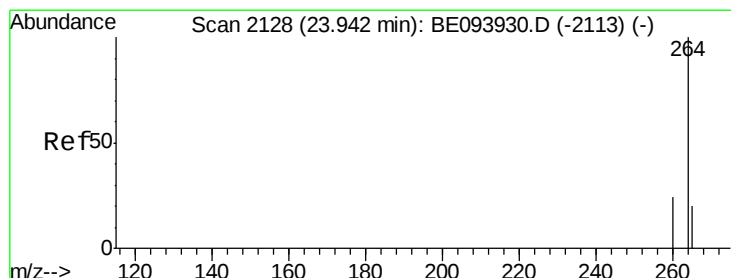
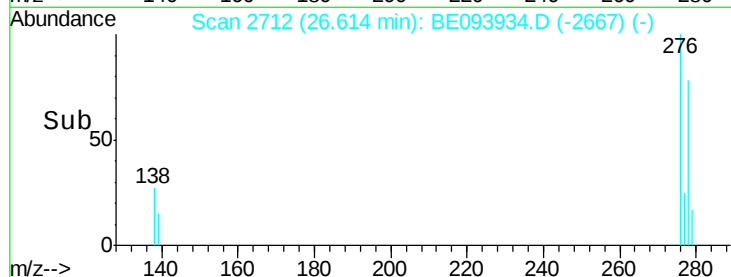
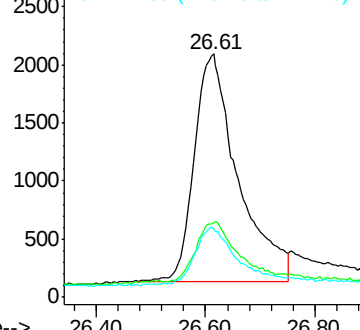
277 25.2 19.5 29.3



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: BE093934.D

Acq: 5 Sep 2017 13:12

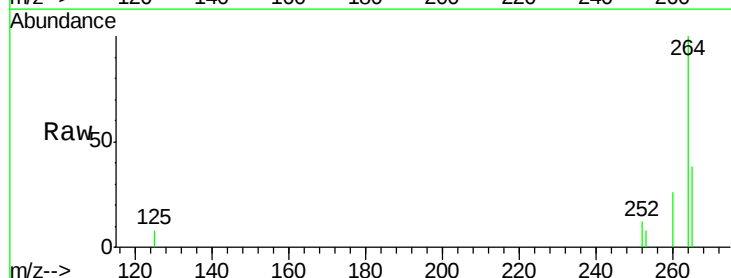
Tgt Ion:264 Resp: 10892

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

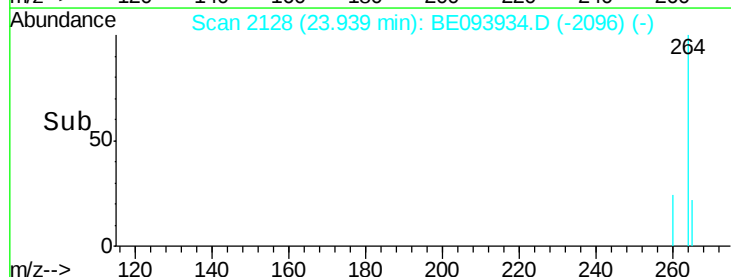
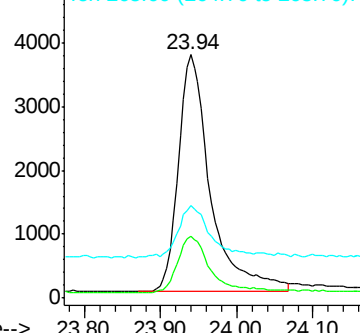
265 37.8 24.0 36.0#

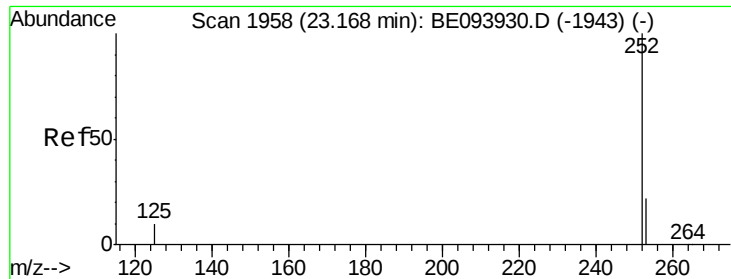


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.17 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

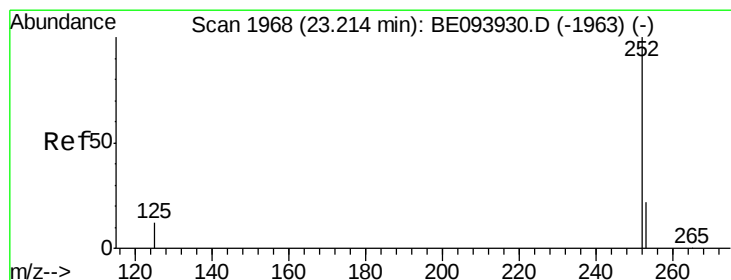
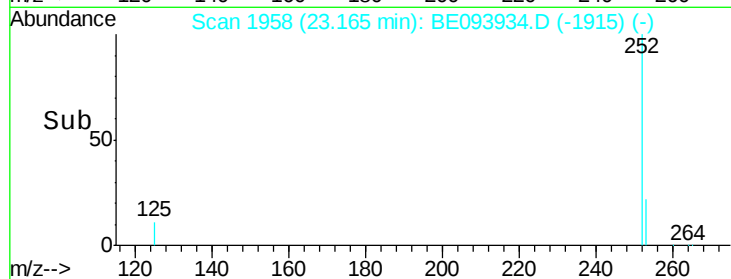
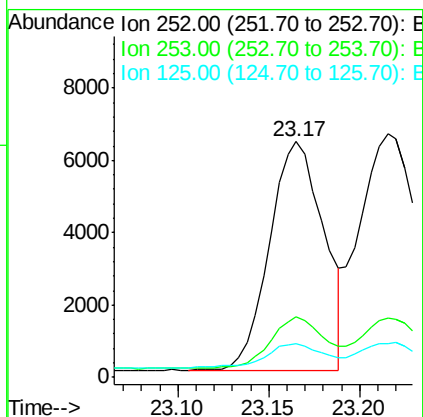
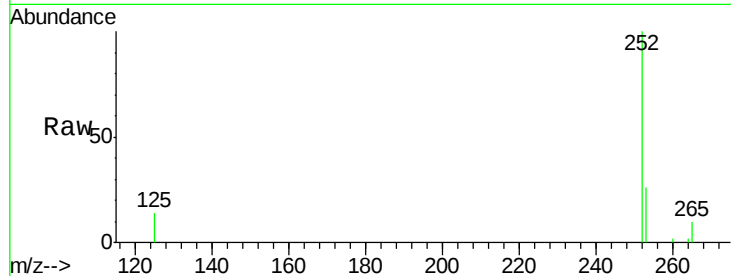
BNA_E

ClientSampleId :

ICVBE090517

Tgt Ion:252 Resp: 13107

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.0
125	14.2	10.0	15.0



#36

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.22 min Scan# 1969

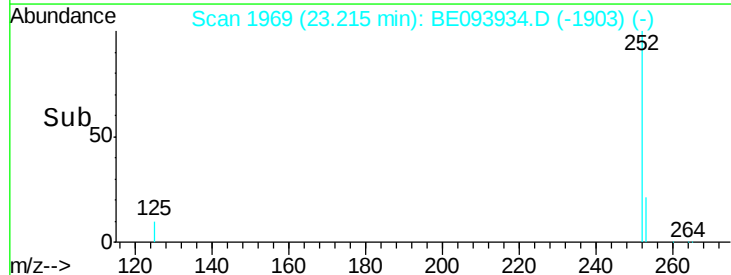
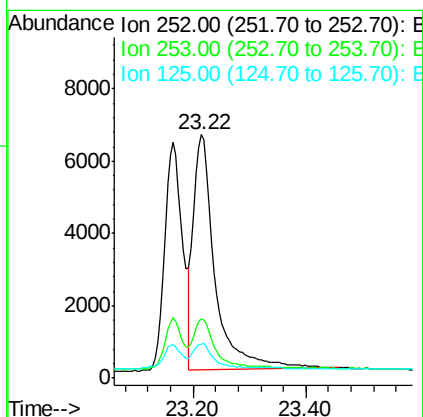
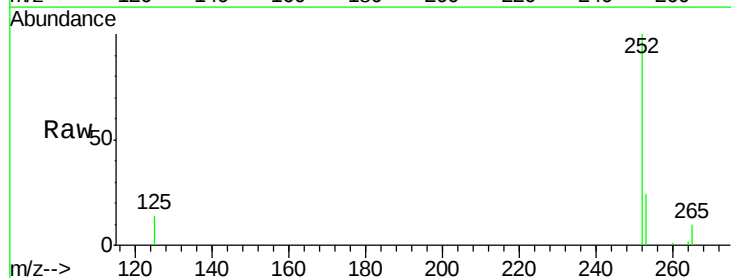
Delta R.T. 0.00 min

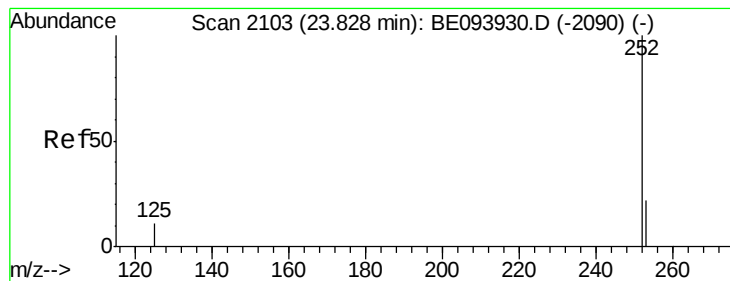
Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Tgt Ion:252 Resp: 17568

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.8	9.8	14.6





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517

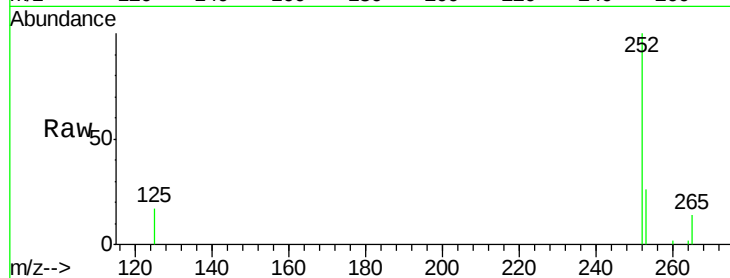
Tgt Ion:252 Resp: 13988

Ion Ratio Lower Upper

252 100

253 25.9 19.6 29.4

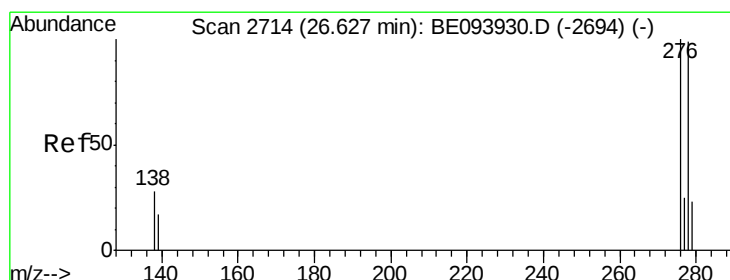
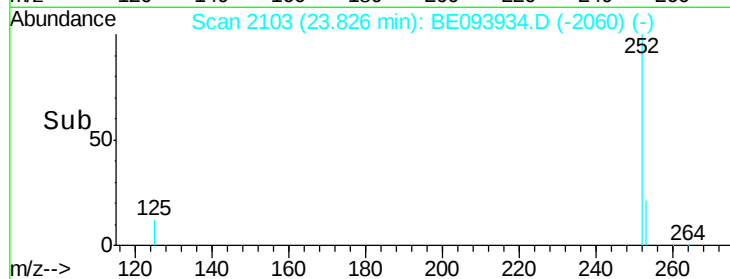
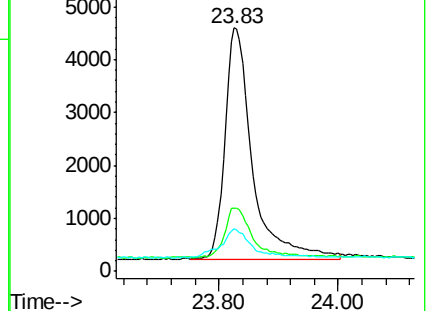
125 17.4 11.8 17.8



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: 0.394 ng

RT: 26.63 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE093934.D

Acq: 5 Sep 2017 13:12

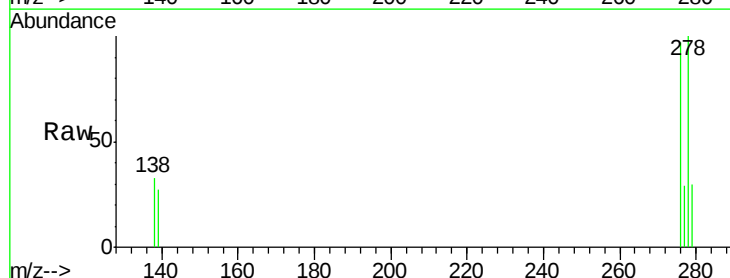
Tgt Ion:278 Resp: 9221

Ion Ratio Lower Upper

278 100

139 26.6 16.7 25.1#

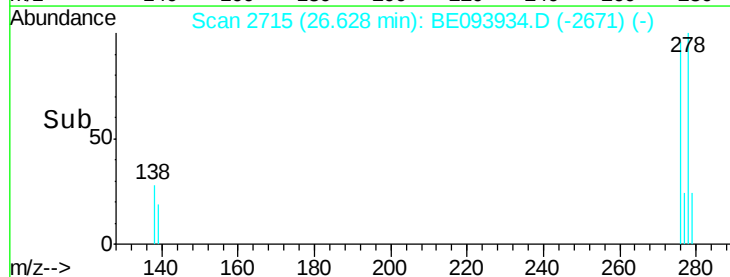
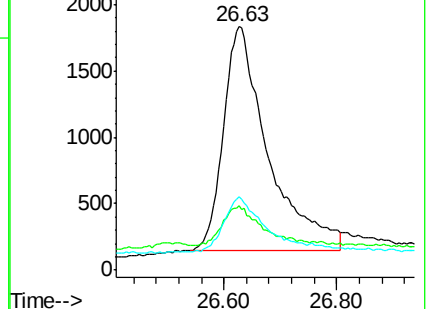
279 30.4 21.6 32.4

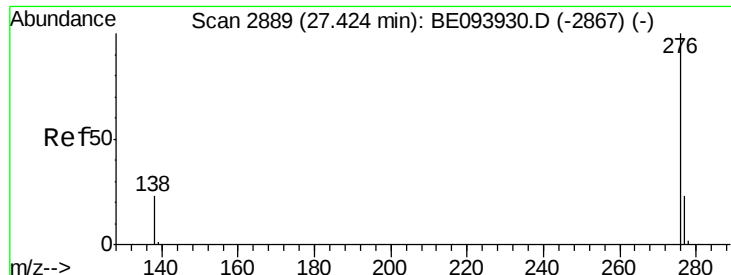


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.401 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093934.D

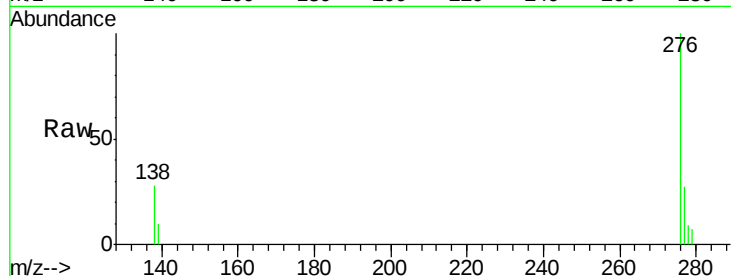
Acq: 5 Sep 2017 13:12

Instrument :

BNA_E

ClientSampleId :

ICVBE090517



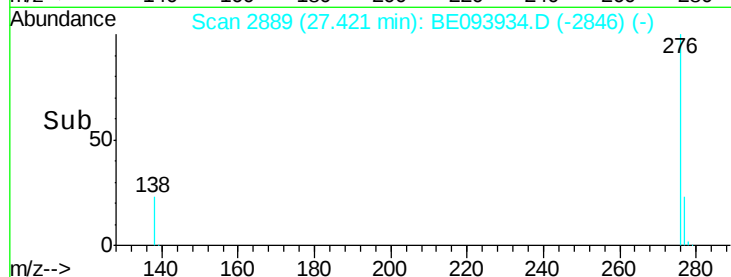
Tgt Ion: 276 Resp: 9895

Ion Ratio Lower Upper

276 100

277 27.4 20.6 30.8

138 27.6 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

