

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090617\
 Data File : BE093951.D
 Acq On : 6 Sep 2017 10:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 06 18:21:38 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	2665	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13618	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7489	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13074	0.40	ng	0.00
27) Chrysene-d12	21.42	240	18436	0.40	ng	-0.01
34) Perylene-d12	23.94	264	15088	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2978	0.35	ng	0.00
5) Phenol-d6	7.12	99	4342	0.34	ng	0.00
8) Nitrobenzene-d5	9.08	82	3941	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7467	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	857	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	10367	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	69446	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	11586	0.34	ng	0.00

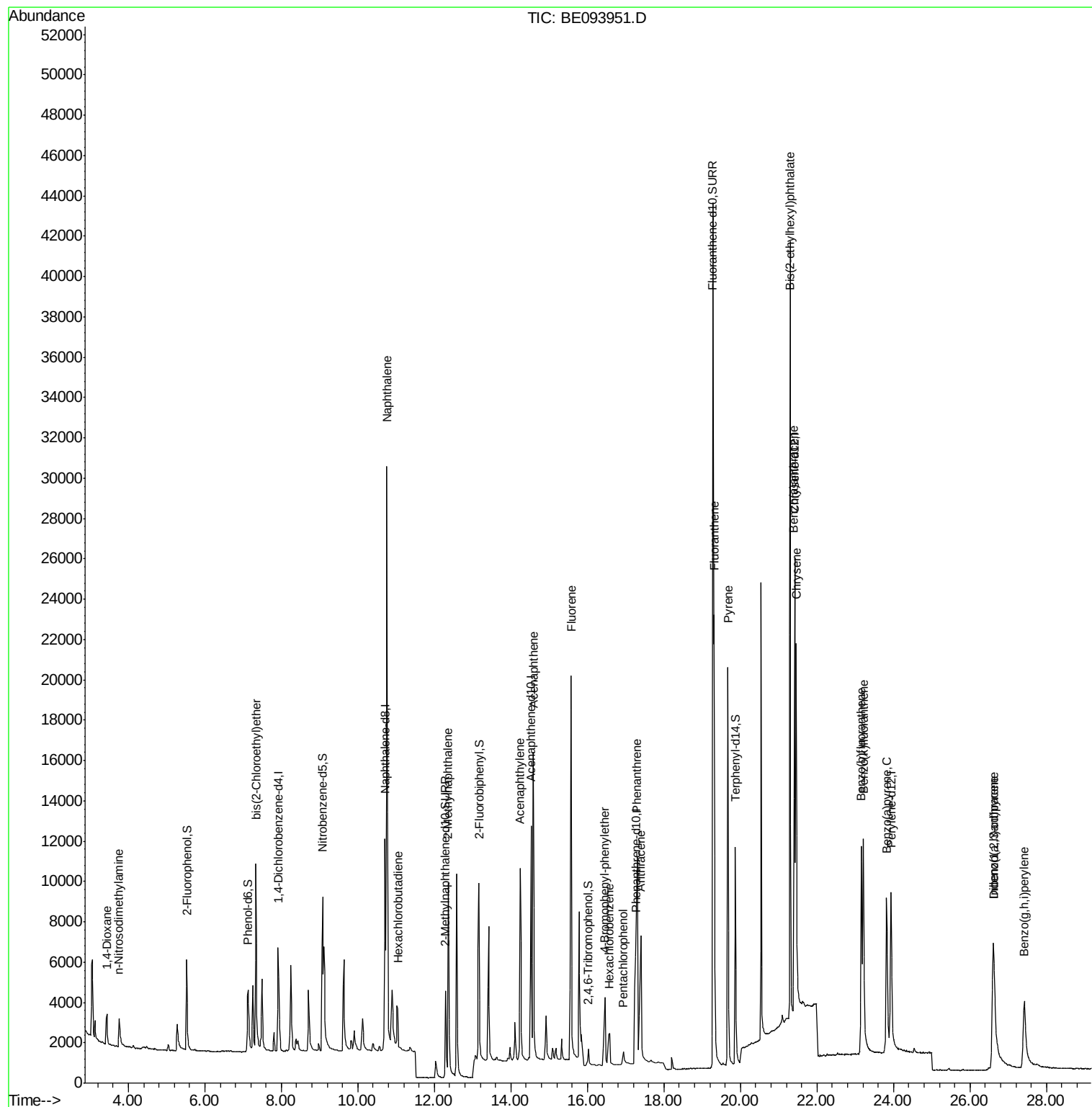
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.44	88	1282	0.349	ng	97
3) n-Nitrosodimethylamine	3.75	42	1517	0.353	ng	97
6) bis(2-Chloroethyl)ether	7.34	93	3626	0.343	ng	90
9) Naphthalene	10.76	128	53516	0.343	ng	100
10) Hexachlorobutadiene	11.04	225	1947	0.343	ng	98
12) 2-Methylnaphthalene	12.36	142	8969	0.346	ng	99
16) Acenaphthylene	14.24	152	12694	0.340	ng	100
17) Acenaphthene	14.58	154	8761	0.347	ng	99
18) Fluorene	15.58	166	11056	0.339	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	2975	0.390	ng	85
21) Hexachlorobenzene	16.58	284	2840	0.368	ng	# 100
22) Pentachlorophenol	16.94	266	872	0.421	ng	97
23) Phenanthrene	17.30	178	19633	0.469	ng	# 100
24) Anthracene	17.40	178	10724	0.269	ng	# 56
26) Fluoranthene	19.31	202	20400	0.350	ng	100
28) Pyrene	19.67	202	21694	0.342	ng	99
30) Benzo(a)anthracene	21.40	228	18532	0.327	ng	98
31) Chrysene	21.46	228	21265	0.355	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	44374	0.323	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	13834	0.346	ng	98
35) Benzo(b)fluoranthene	23.16	252	16337	0.340	ng	99
36) Benzo(k)fluoranthene	23.21	252	20305	0.345	ng	97
37) Benzo(a)pyrene	23.83	252	17177	0.351	ng	97
38) Dibenzo(a,h)anthracene	26.62	278	11471	0.354	ng	97
39) Benzo(g,h,i)perylene	27.42	276	11871	0.347	ng	99

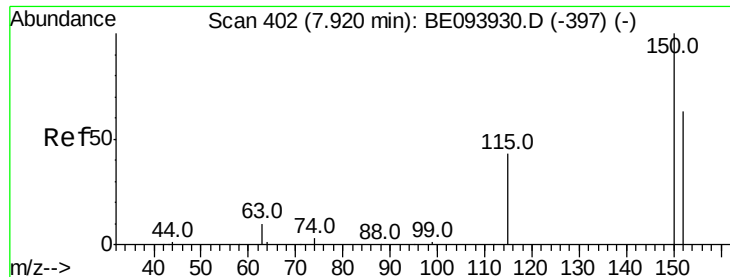
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090617\
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QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

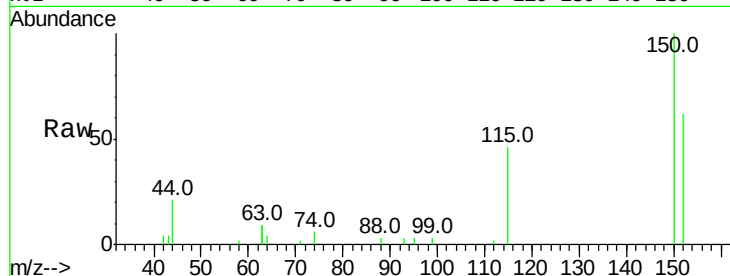
Tot Ion:152 Resp: 2665

Ion Ratio Lower Upper

152 100

150 160.1 121.8 182.6

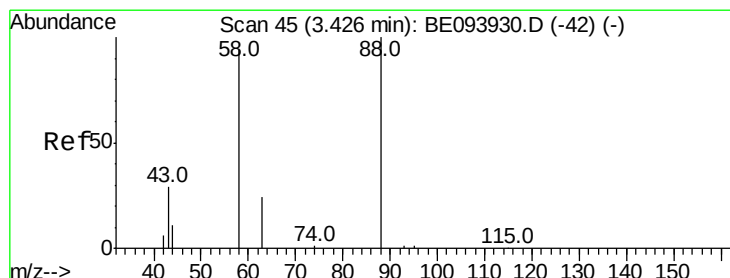
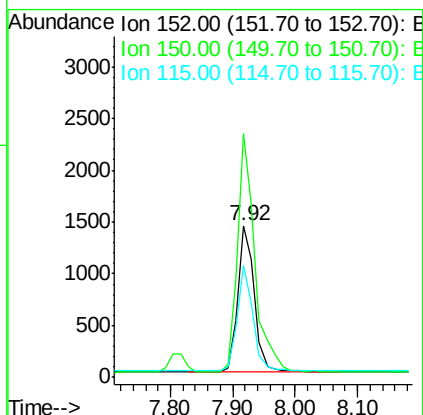
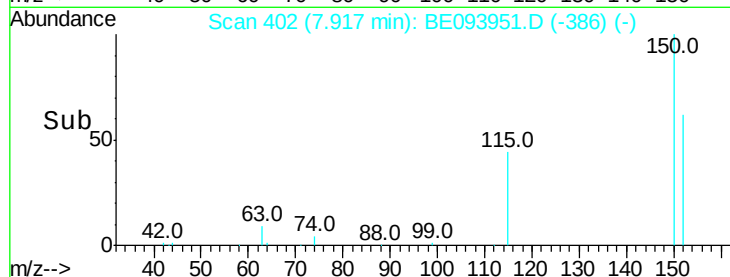
115 73.7 52.6 79.0



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: 0.349 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

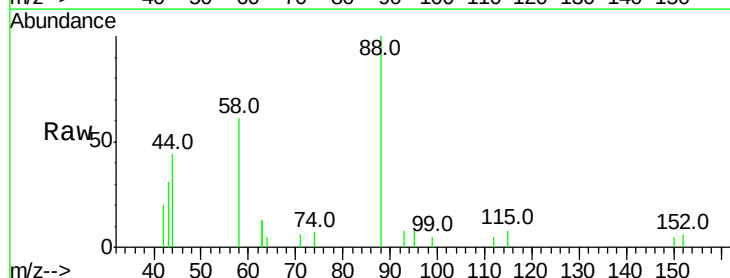
Tgt Ion: 88 Resp: 1282

Ion Ratio Lower Upper

88 100

58 84.7 65.4 98.0

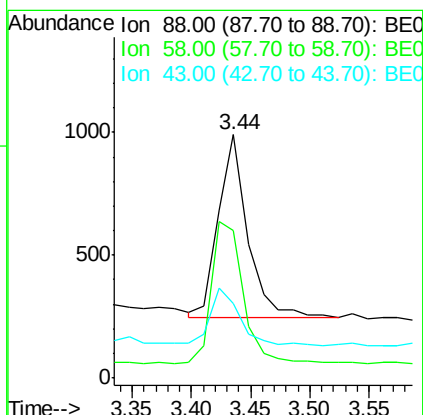
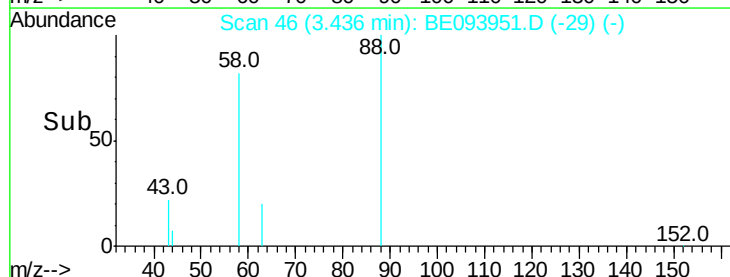
43 31.6 23.9 35.9

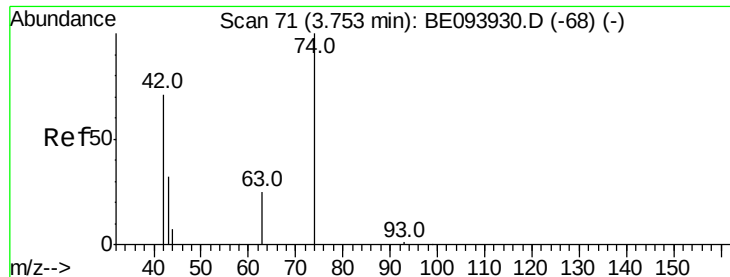


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampled :

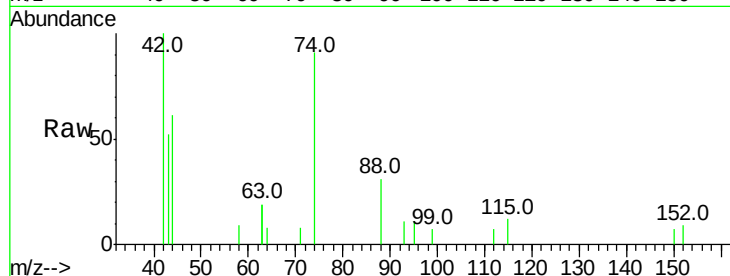
Tot Ion: 42 Resp: 1517

Ion Ratio Lower Upper

42 100

74 133.4 104.0 156.0

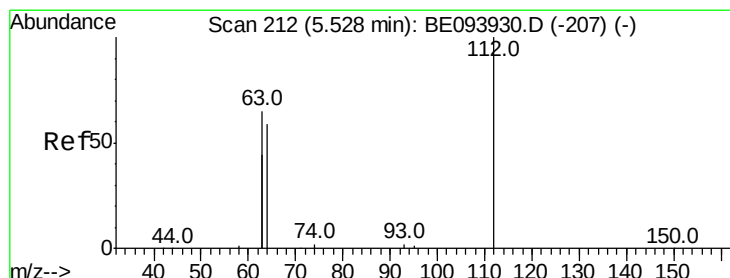
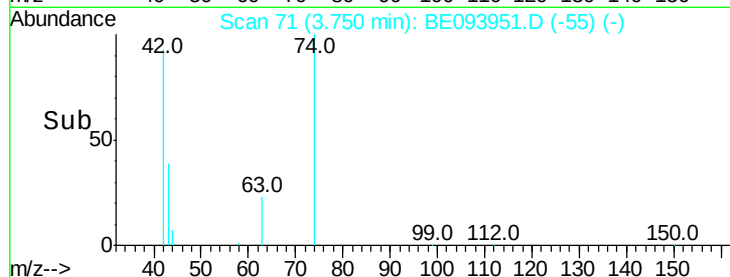
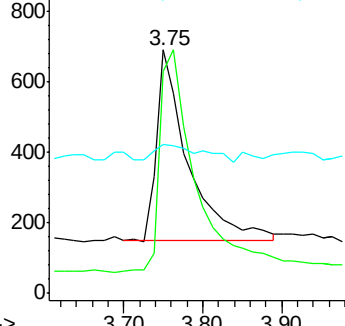
44 15.0 13.8 20.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.345 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

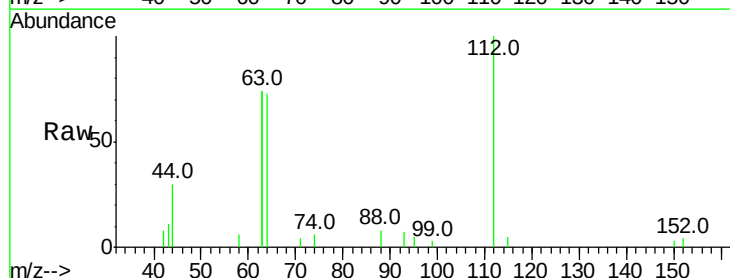
Tgt Ion: 112 Resp: 2978

Ion Ratio Lower Upper

112 100

64 74.2 57.7 86.5

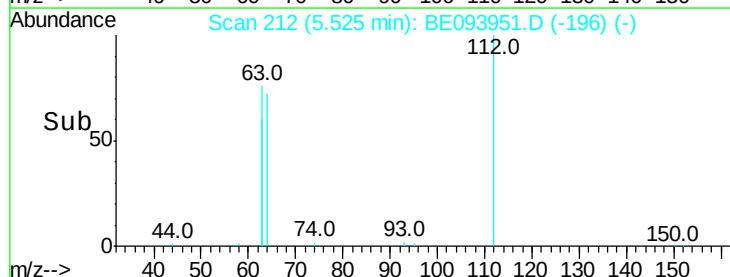
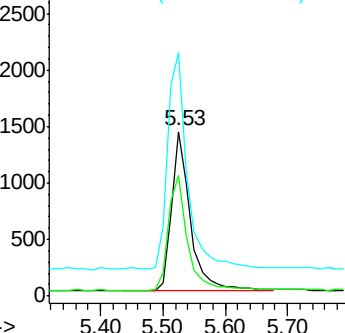
63 143.6 116.0 174.0

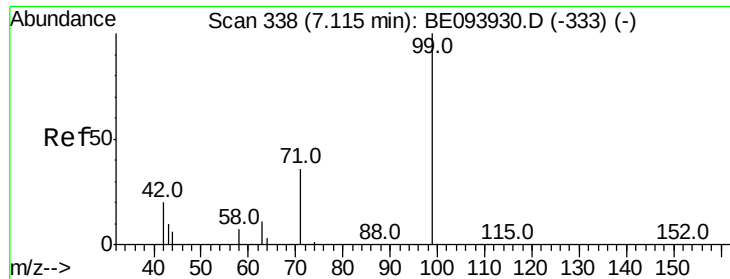


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.336 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampled :

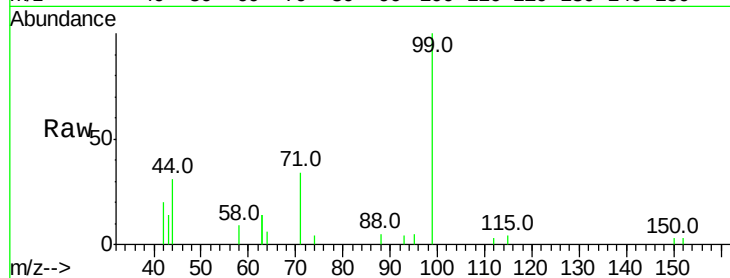
Tot Ion: 99 Resp: 4342

Ion Ratio Lower Upper

99 100

42 21.2 17.1 25.7

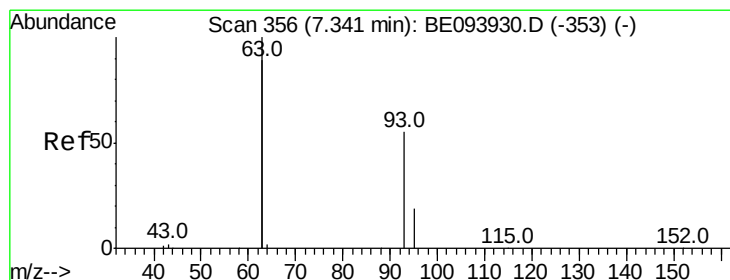
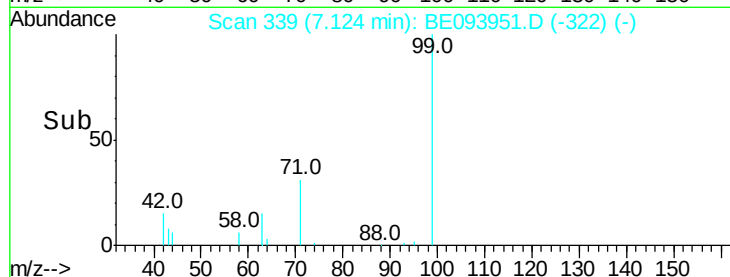
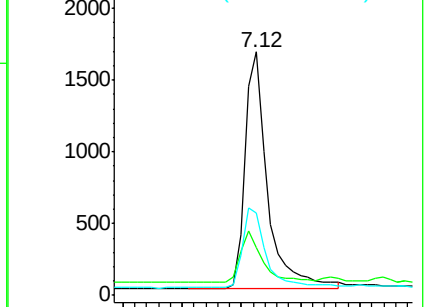
71 35.1 26.6 39.8



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: 0.343 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

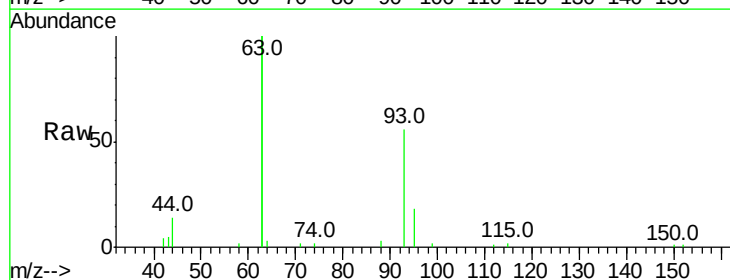
Tgt Ion: 93 Resp: 3626

Ion Ratio Lower Upper

93 100

63 332.1 283.4 425.2

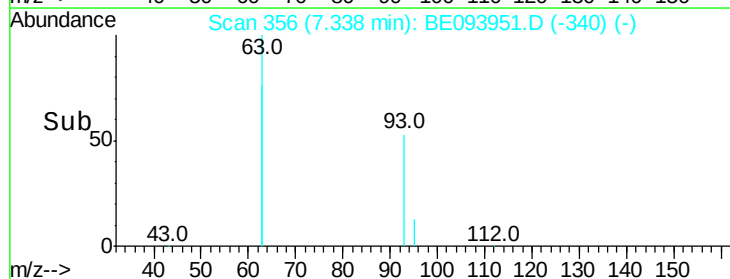
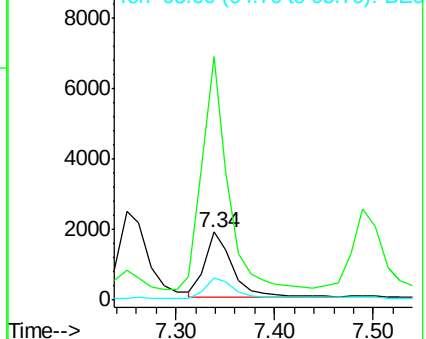
95 30.9 26.9 40.3

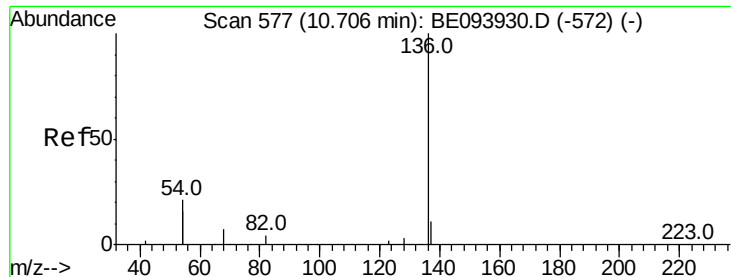


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093951.D

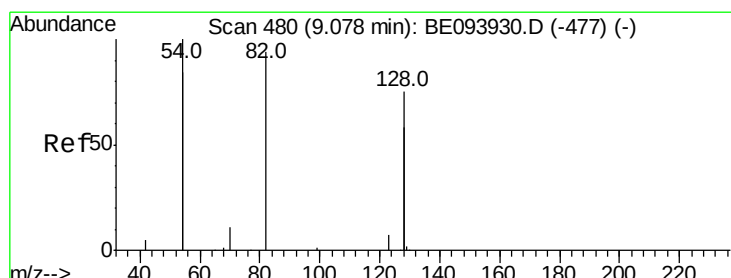
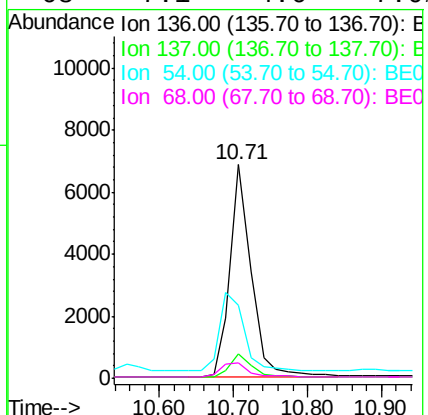
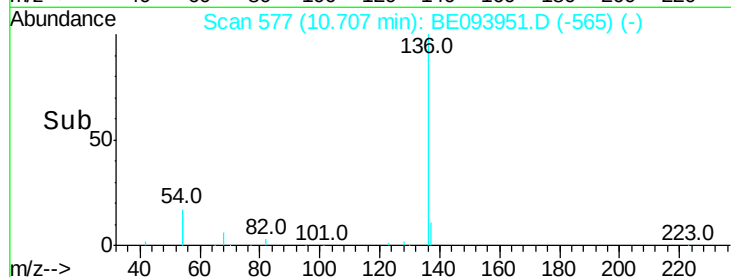
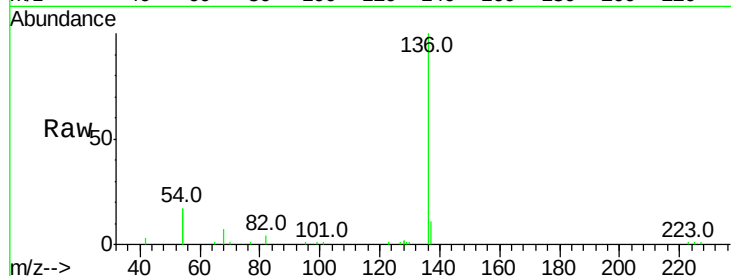
Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	13618
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	34.1	21.9 32.9#
68	7.1	4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.342 ng

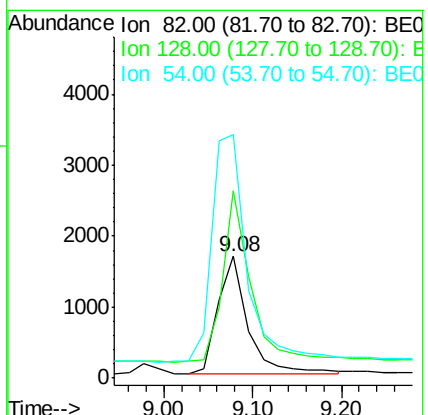
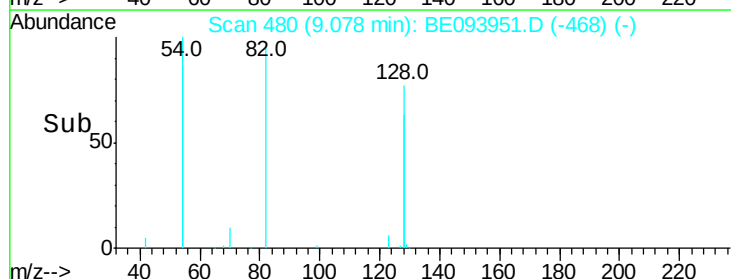
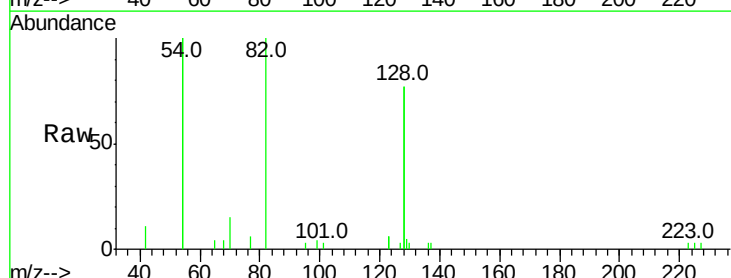
RT: 9.08 min Scan# 480

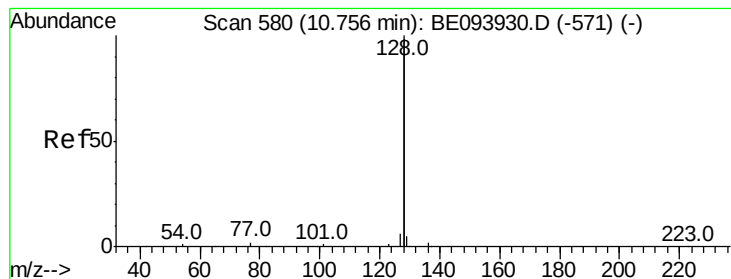
Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Tgt Ion: 82	Resp:	3941
Ion Ratio	Lower	Upper
82	100	
128	153.9	91.4 137.0#
54	200.5	197.8 296.8





#9

Naphthalene

Concen: 0.343 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

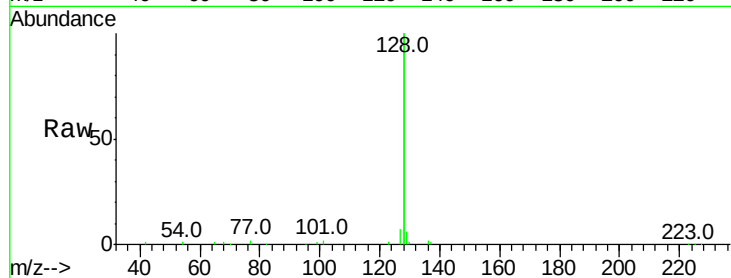
Tot Ion:128 Resp: 53516

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

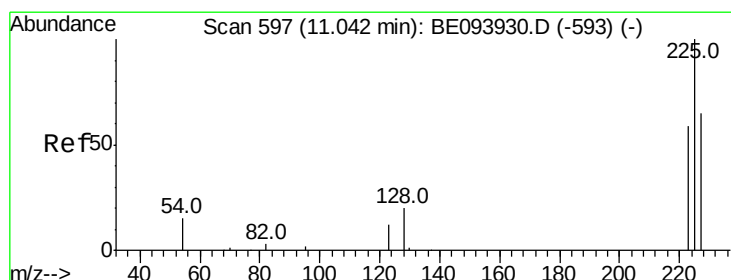
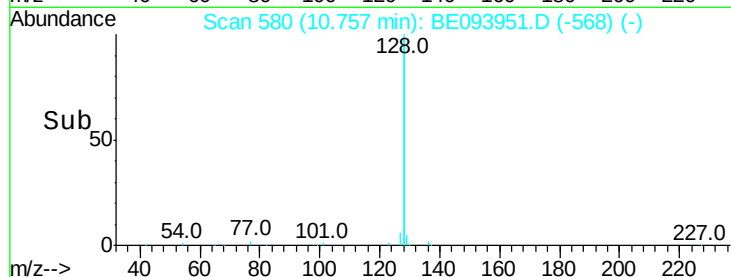
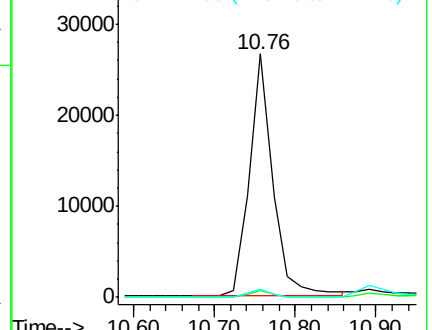
127 3.3 2.6 4.0



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: 0.343 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

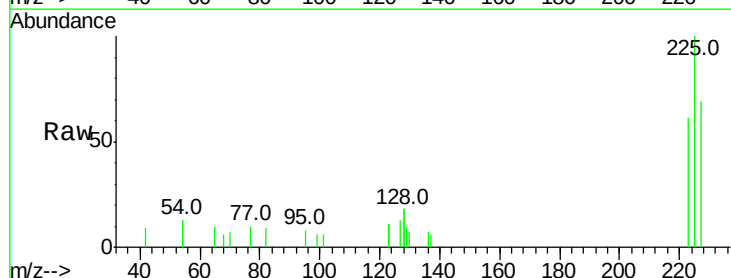
Tgt Ion:225 Resp: 1947

Ion Ratio Lower Upper

225 100

223 64.0 49.4 74.0

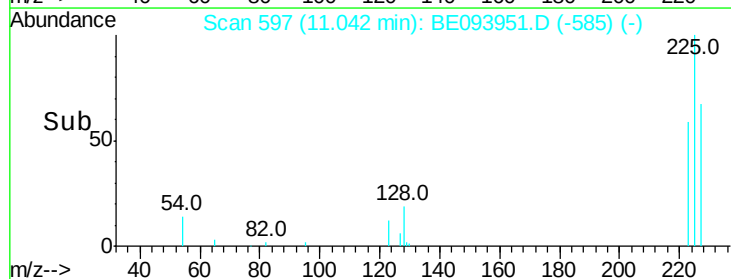
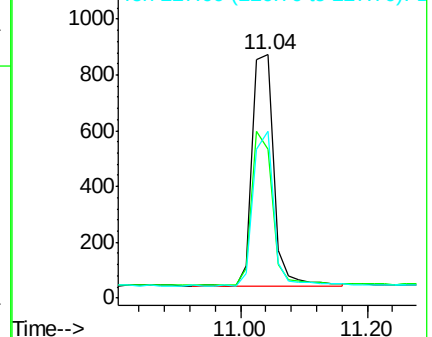
227 63.8 50.5 75.7

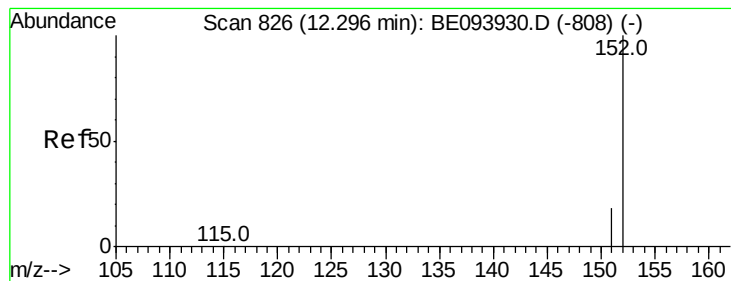


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.343 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

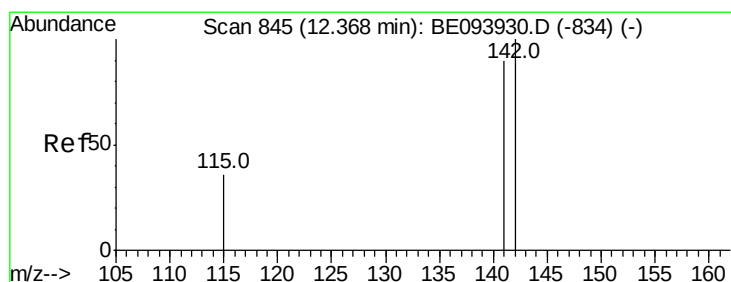
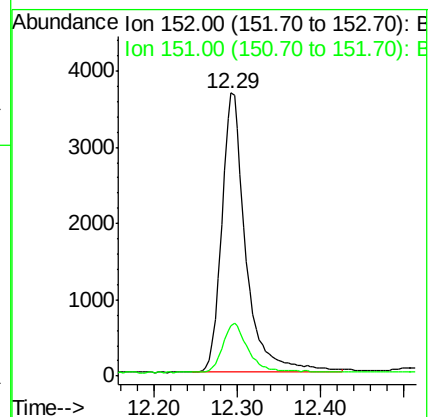
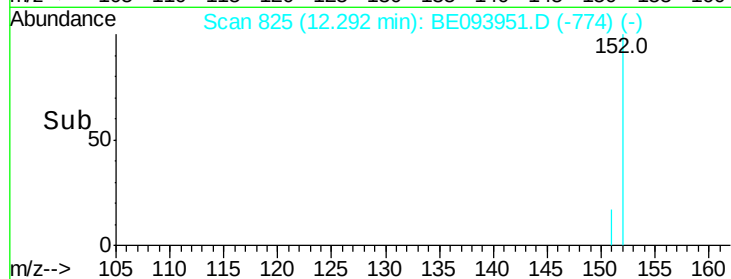
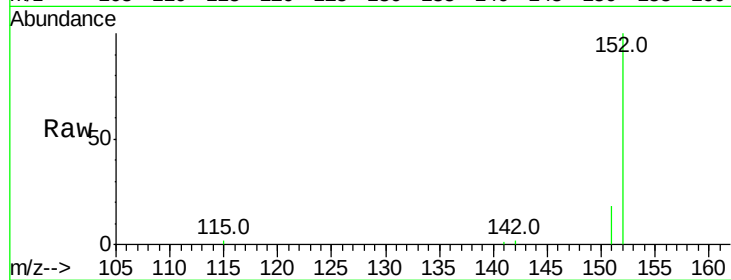
ClientSampleId :

Tot Ion:152 Resp: 7467

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.346 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

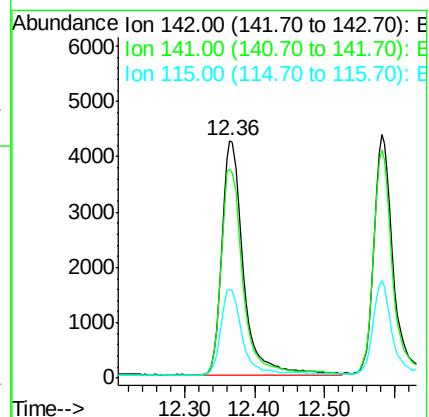
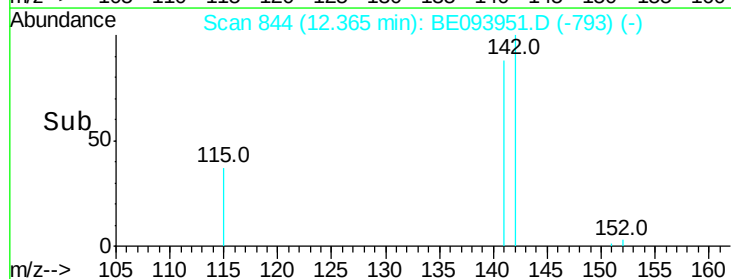
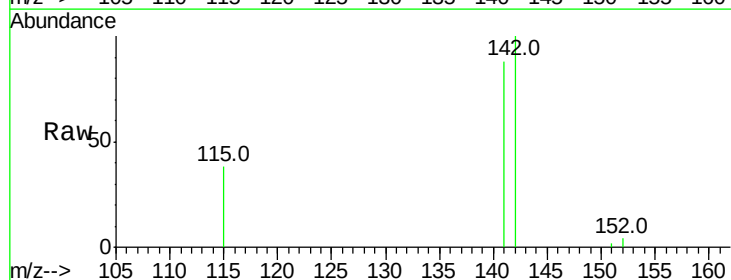
Tgt Ion:142 Resp: 8969

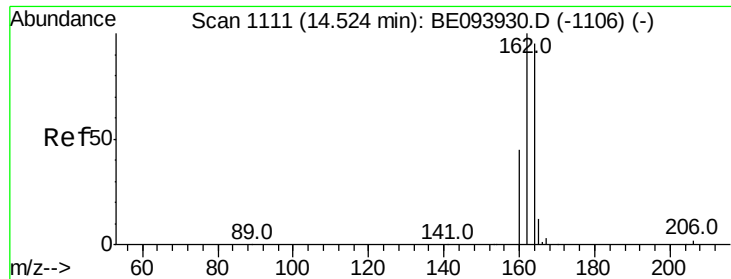
Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.2

115 37.6 29.4 44.0

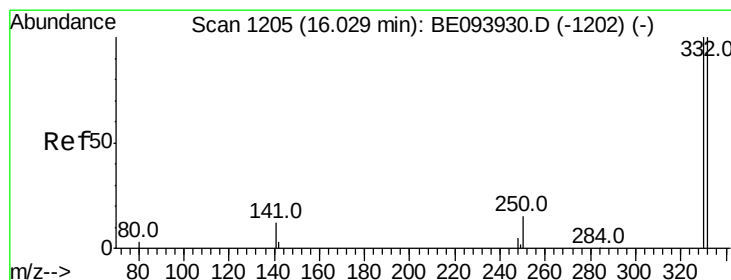
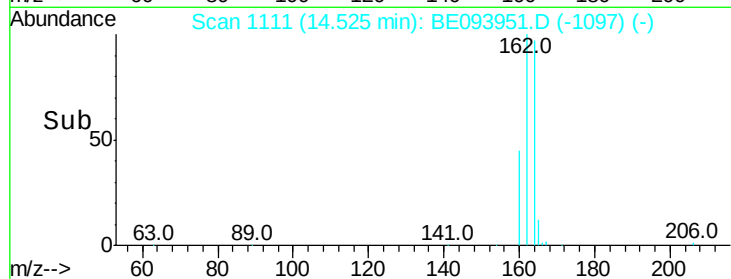
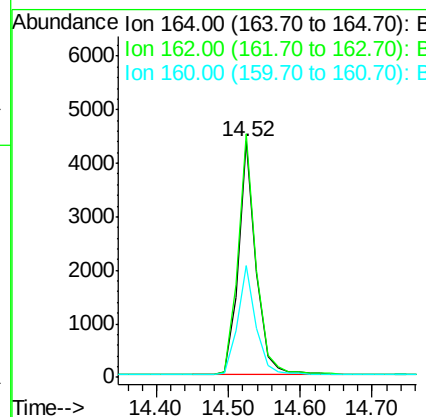
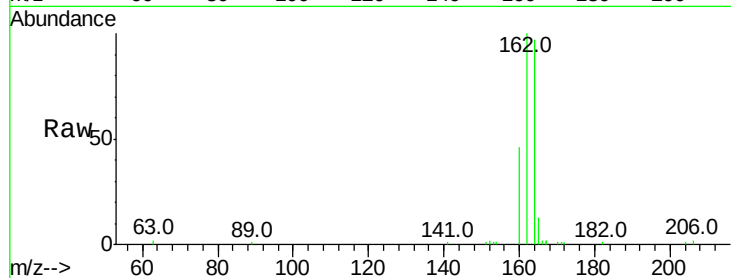




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE093951.D
 Acq: 6 Sep 2017 10:11

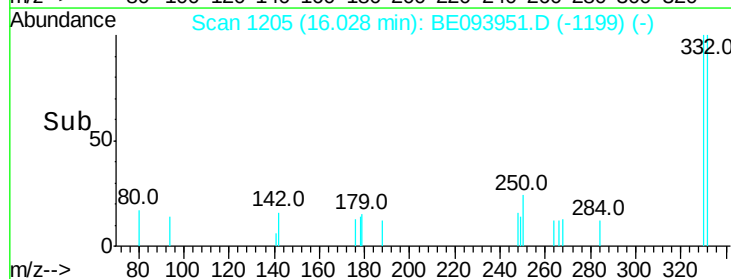
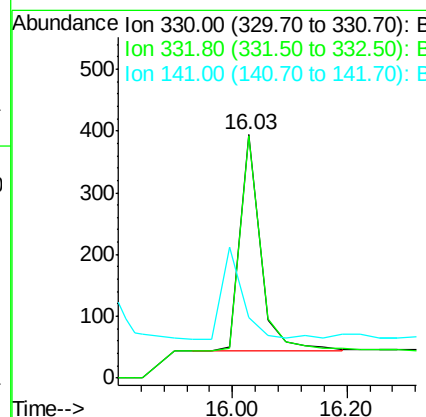
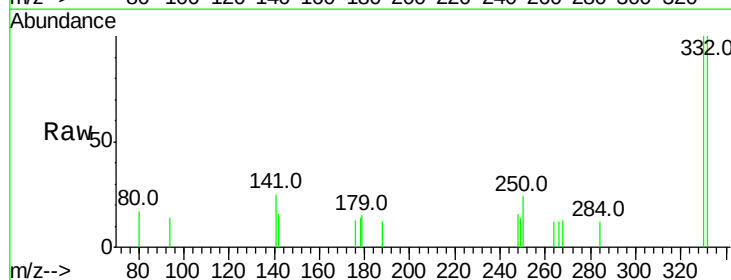
Instrument :
 BNA_E
 ClientSampleId :

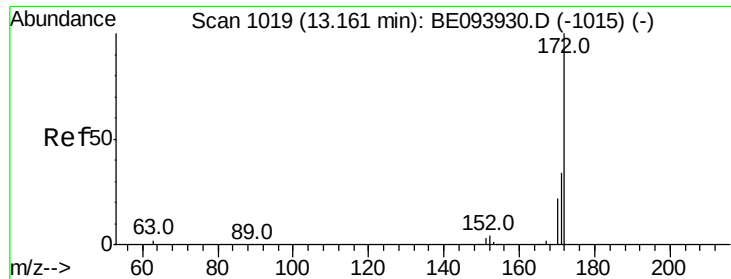
Tot Ion:164 Resp: 7489
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.8 121.2
 160 47.4 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093951.D
 Acq: 6 Sep 2017 10:11

Tgt Ion:330 Resp: 857
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.9 115.3
 141 0.0 0.0 0.0

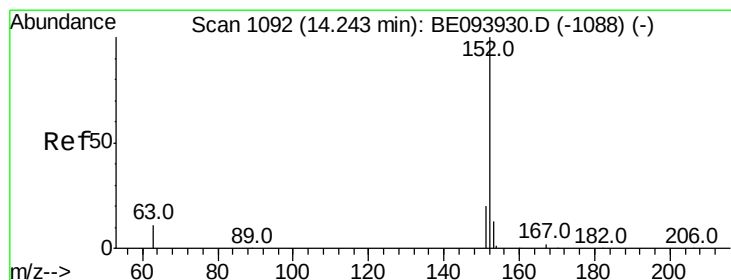
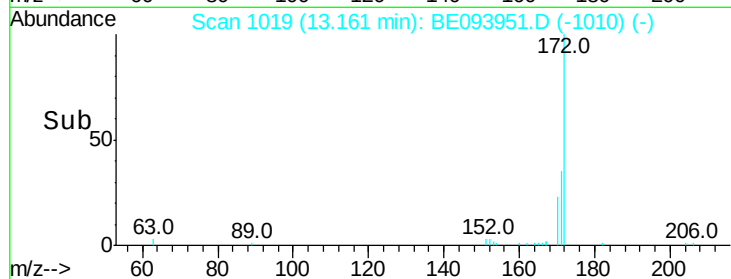
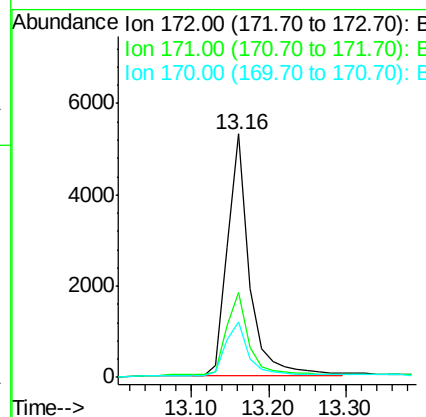
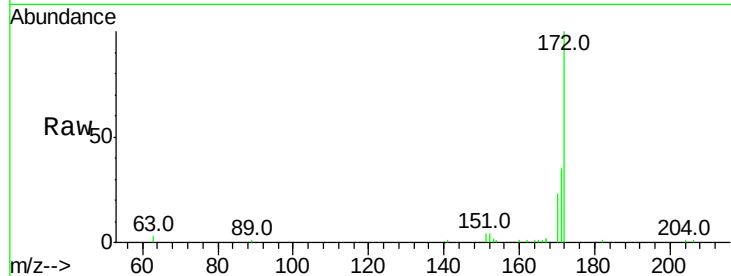




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

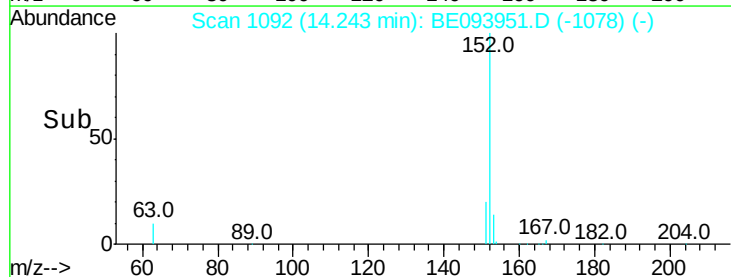
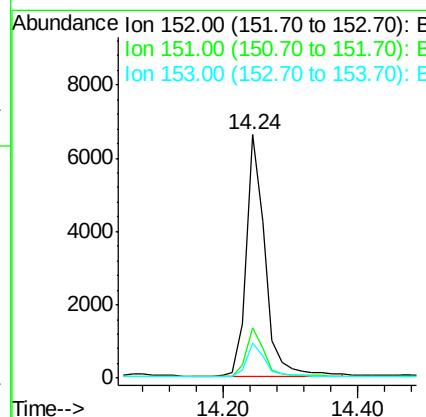
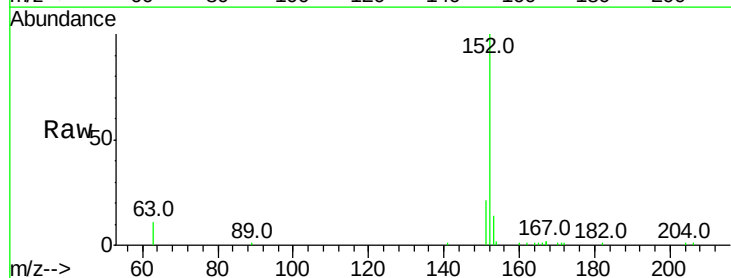
Instrument :
BNA_E
ClientSampleId :

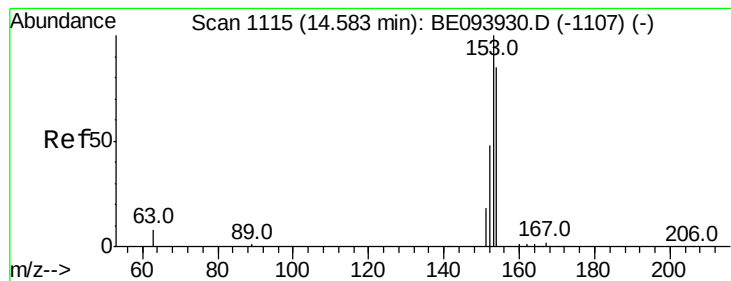
Tot Ion:172 Resp: 10367
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 22.7 17.3 25.9



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

Tgt Ion:152 Resp: 12694
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.347 ng

RT: 14.58 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

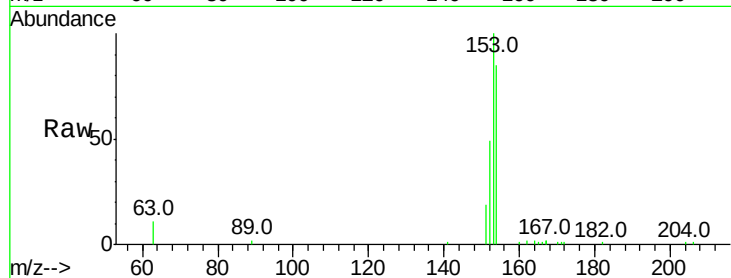
Tot Ion:154 Resp: 8761

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

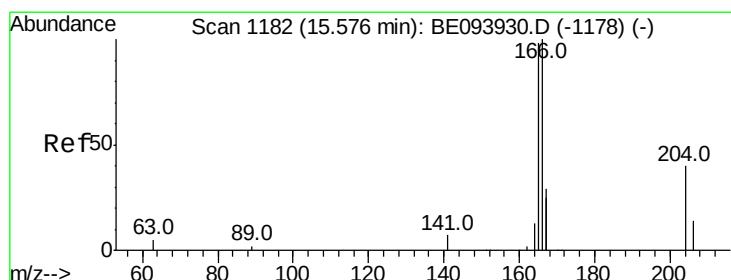
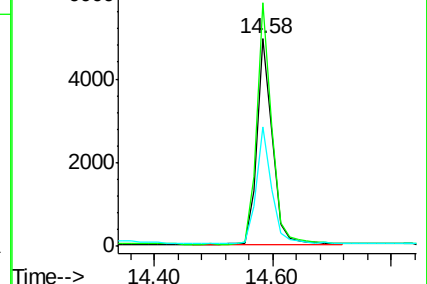
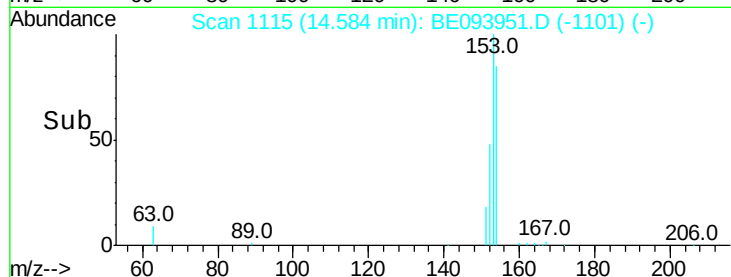
152 54.9 44.9 67.3



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: 0.339 ng

RT: 15.58 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

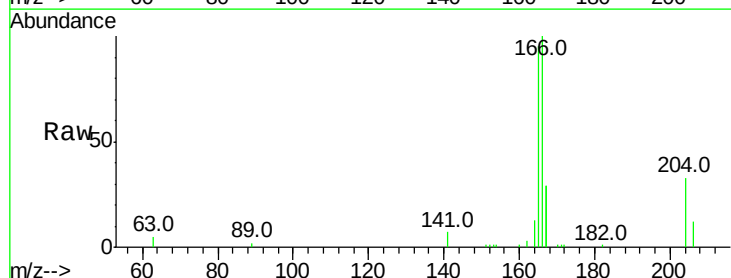
Tgt Ion:166 Resp: 11056

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

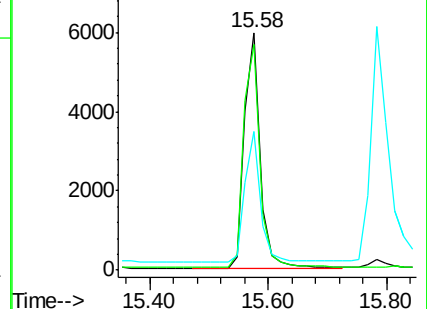
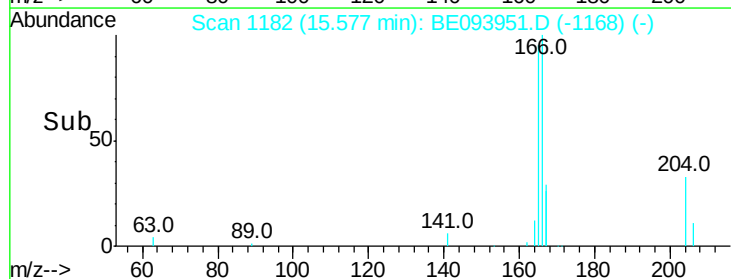
167 54.4 43.5 65.3

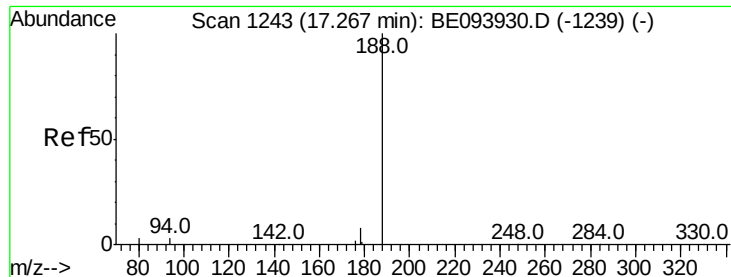


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

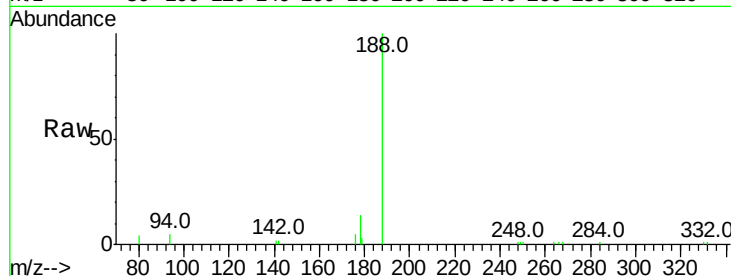
Tot Ion:188 Resp: 13074

Ion Ratio Lower Upper

188 100

94 4.7 16.1 24.1#

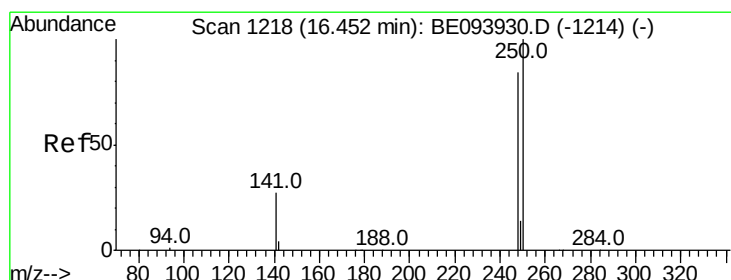
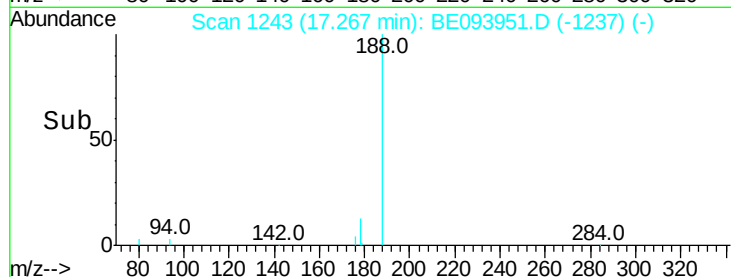
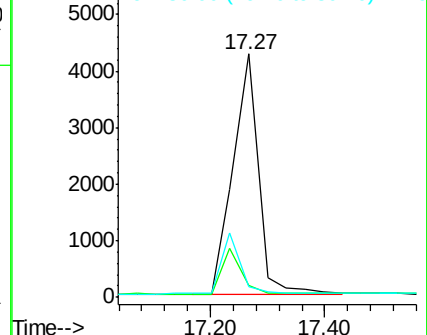
80 4.5 18.2 27.2#



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: 0.390 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

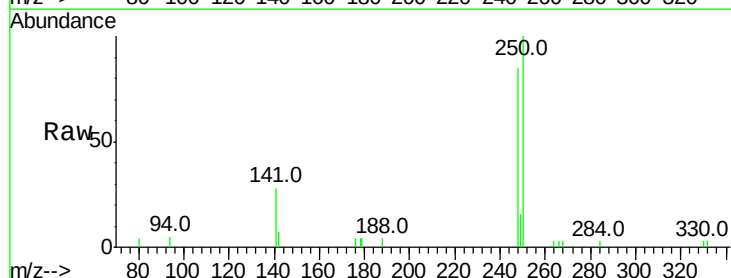
Tgt Ion:248 Resp: 2975

Ion Ratio Lower Upper

248 100

250 118.1 111.8 167.8

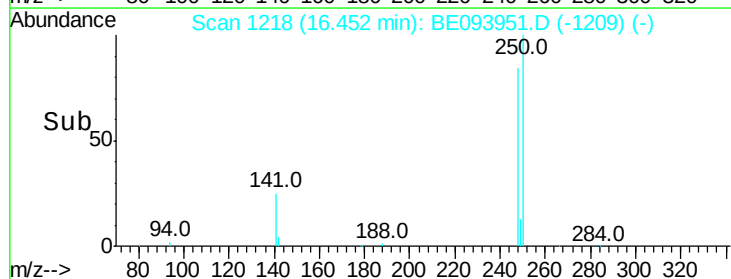
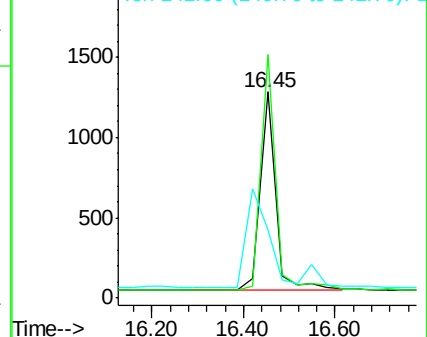
141 33.3 27.1 40.7

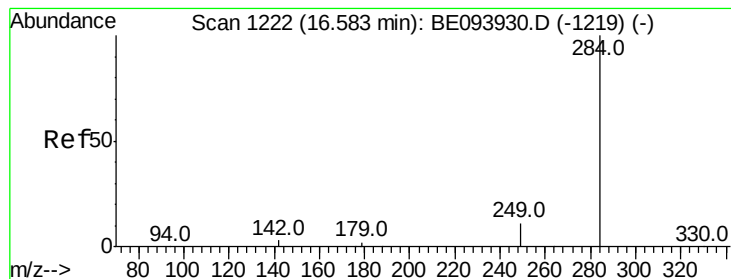


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.368 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

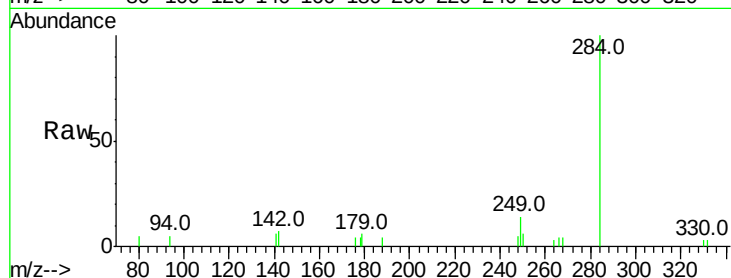
Tot Ion:284 Resp: 2840

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

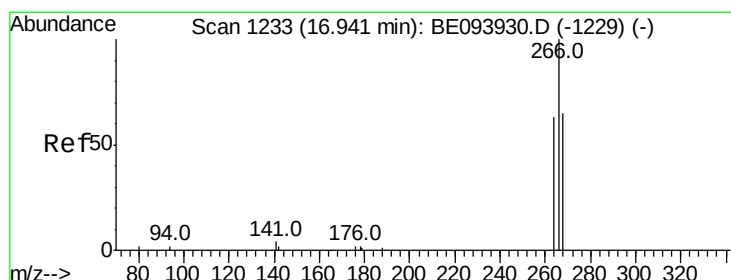
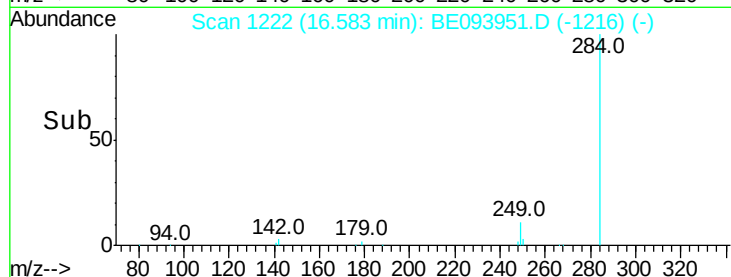
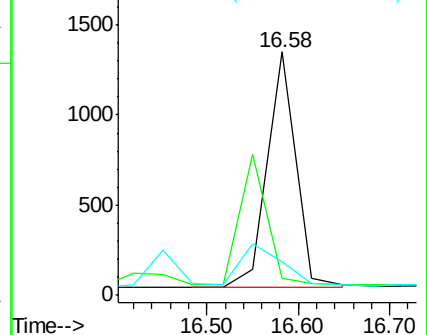
249 0.0 0.0 0.0



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: 0.421 ng

RT: 16.94 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

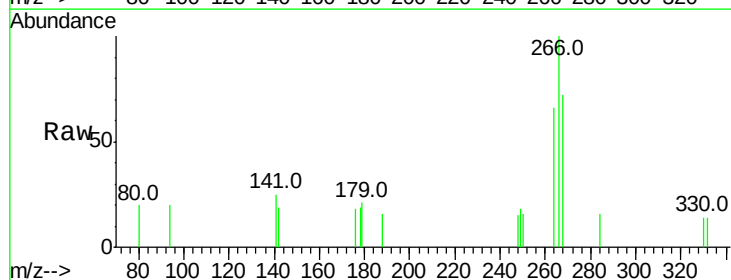
Tgt Ion:266 Resp: 872

Ion Ratio Lower Upper

266 100

264 66.0 53.5 80.3

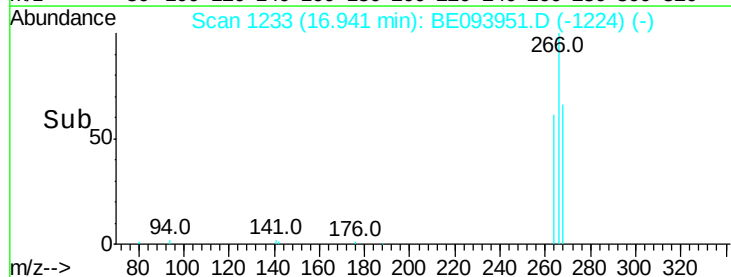
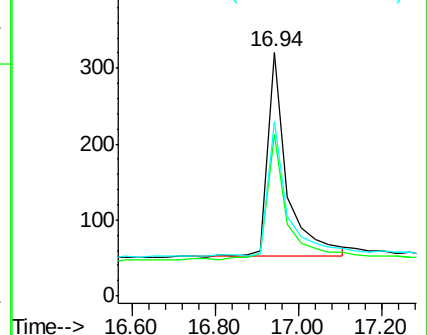
268 71.7 60.0 90.0

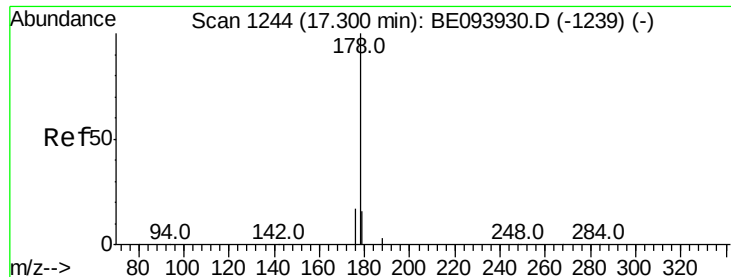


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

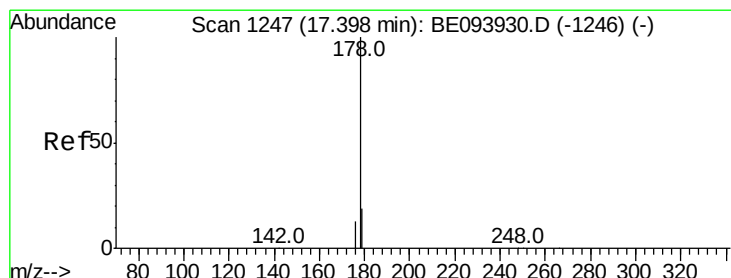
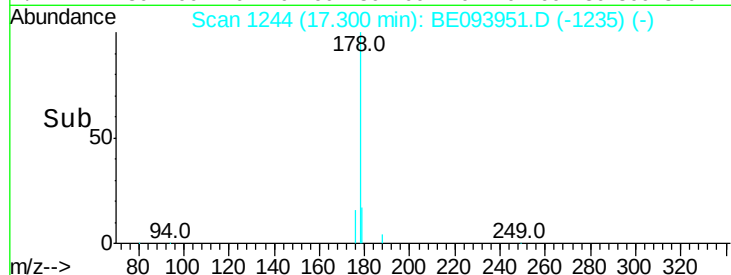
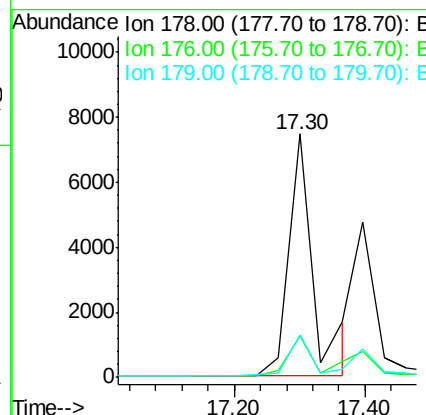
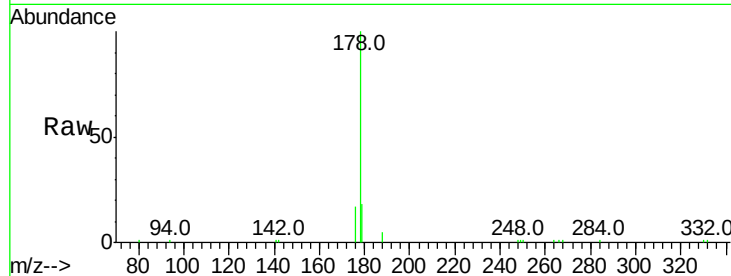




#23
Phenanthrene
Concen: 0.469 ng
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

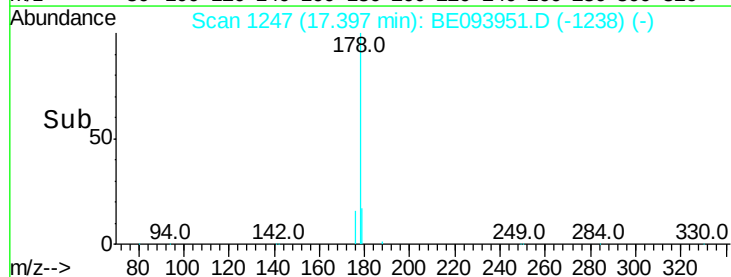
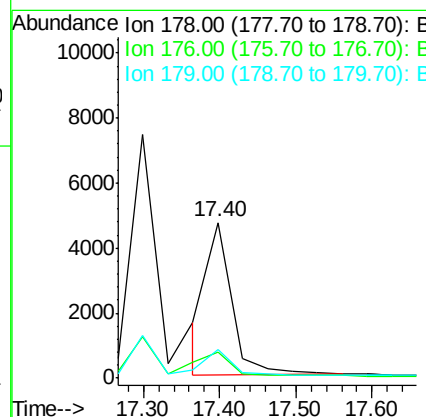
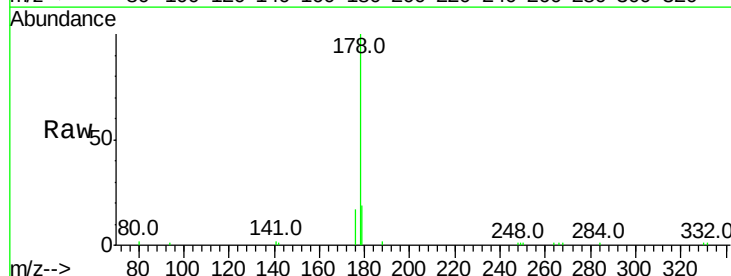
Instrument :
BNA_E
ClientSampleId :

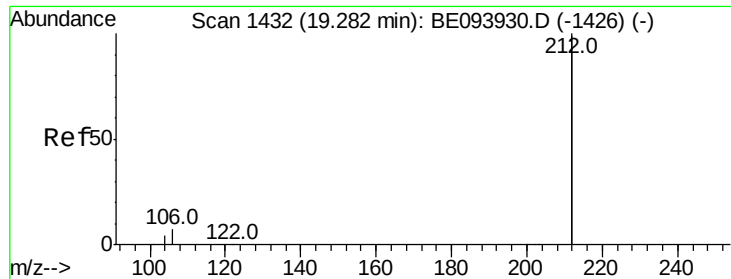
Tot Ion:178 Resp: 19633
Ion Ratio Lower Upper
178 100
176 18.6 0.0 0.0#
179 15.6 12.6 18.8



#24
Anthracene
Concen: 0.269 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

Tgt Ion:178 Resp: 10724
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 17.5 0.0 0.0#

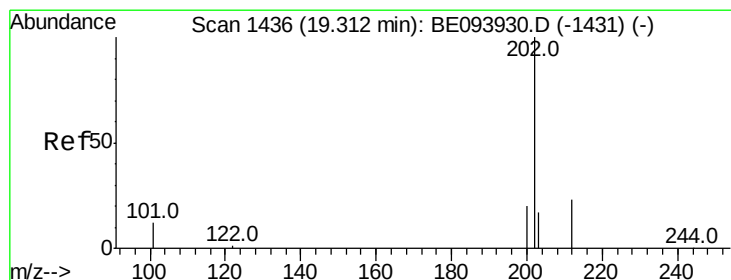
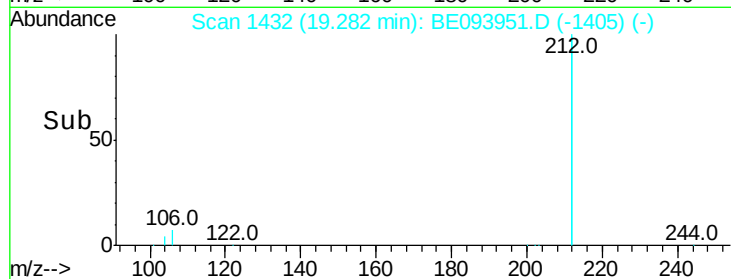
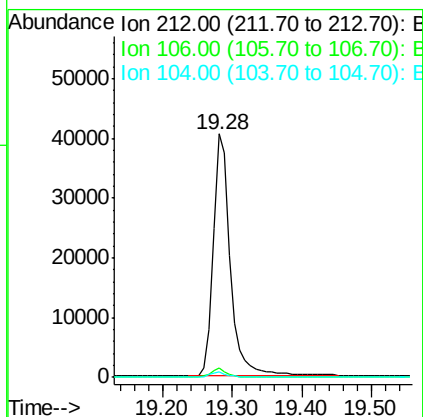
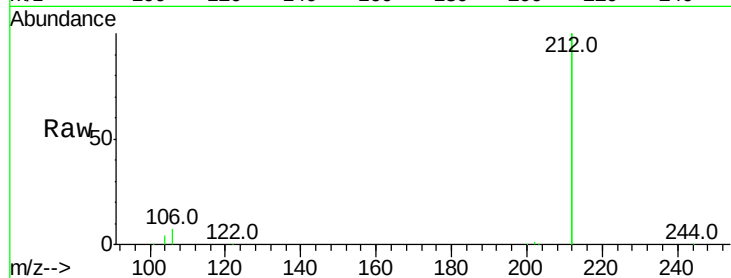




#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.28 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

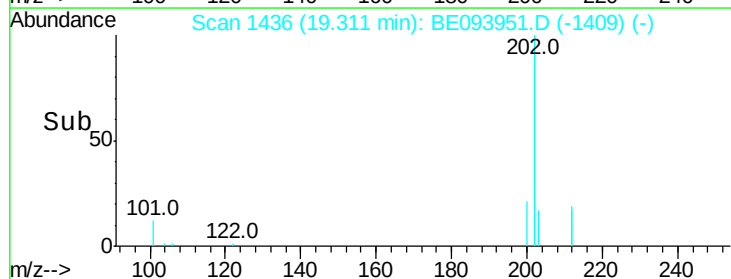
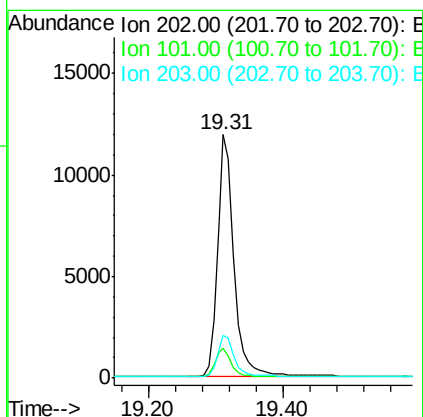
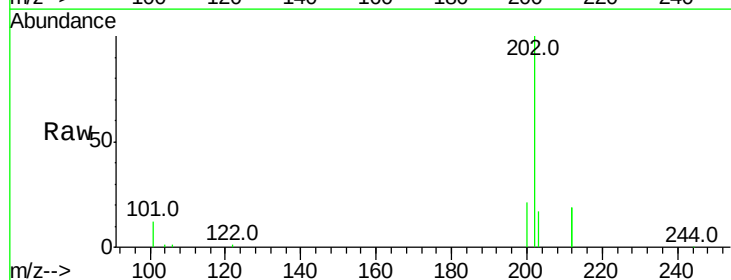
Instrument :
BNA_E
ClientSampled :

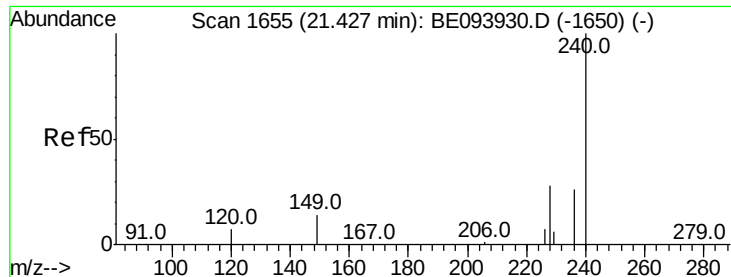
Tot Ion:212 Resp: 69446
Ion Ratio Lower Upper
212 100
106 3.4 2.7 4.1
104 1.9 1.6 2.4



#26
Fluoranthene
Concen: 0.350 ng
RT: 19.31 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093951.D
Acq: 6 Sep 2017 10:11

Tgt Ion:202 Resp: 20400
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampled :

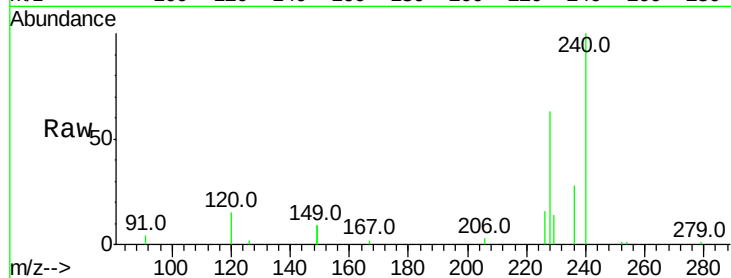
Tot Ion:240 Resp: 18436

Ion Ratio Lower Upper

240 100

120 14.8 8.7 13.1#

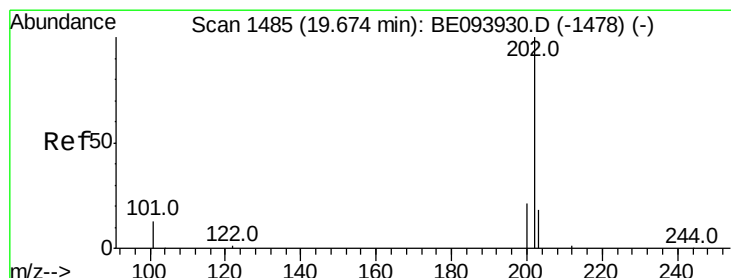
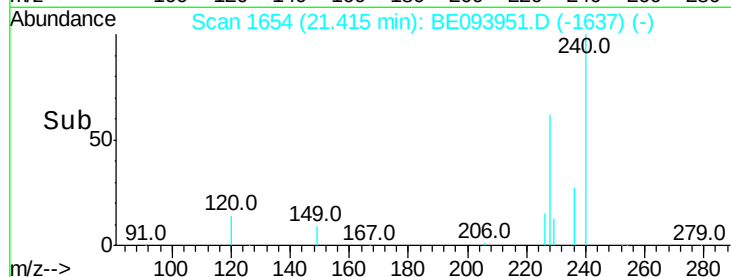
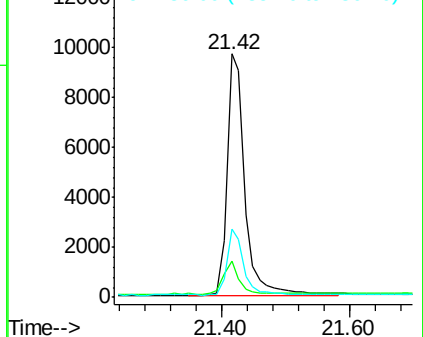
236 28.1 21.3 31.9



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: 0.342 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

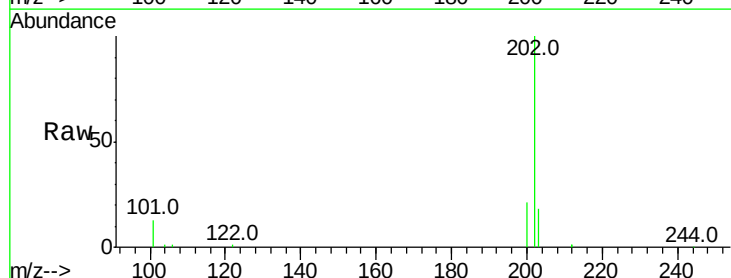
Tgt Ion:202 Resp: 21694

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

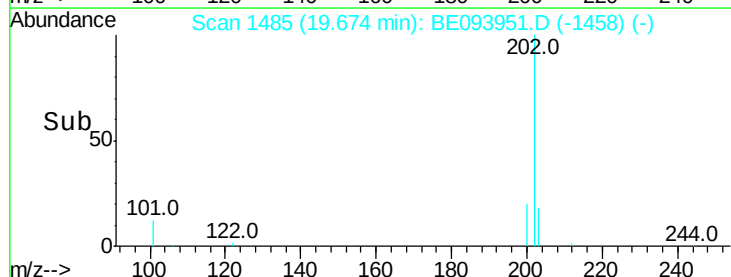
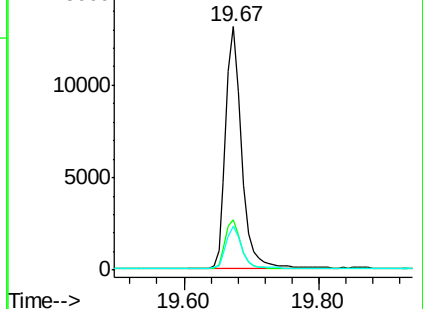
203 17.3 14.2 21.4

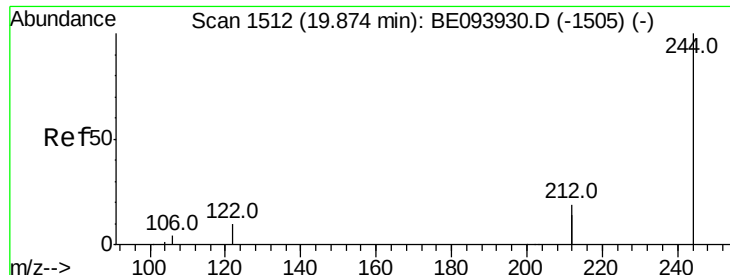


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.342 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.01 min

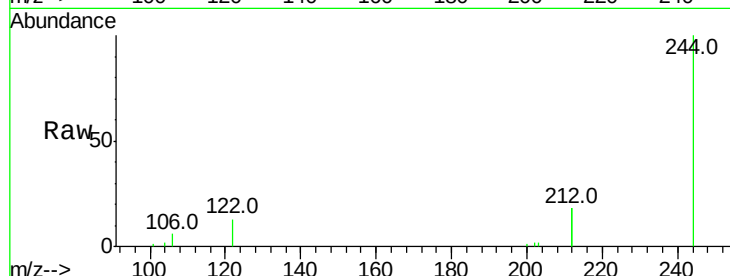
Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

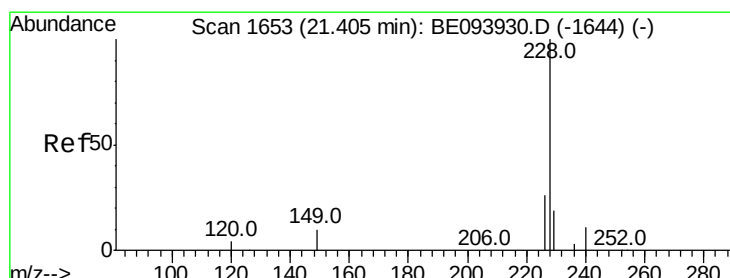
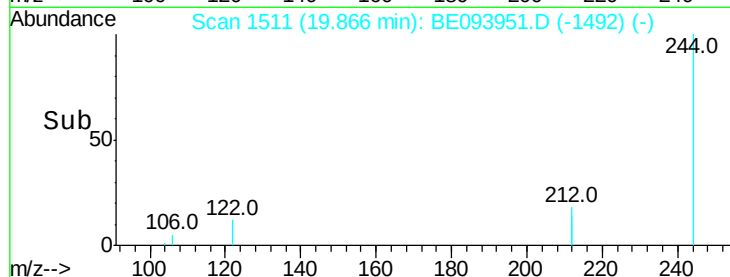
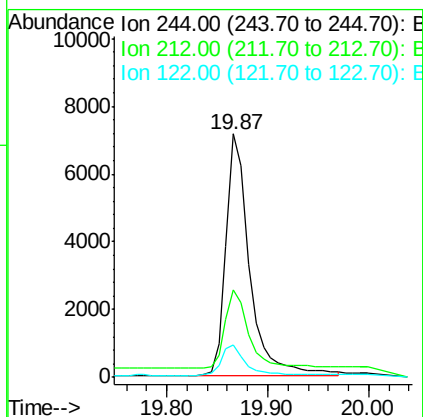
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	11586
Ion	Ratio	Lower	Upper
244	100		
212	36.1	28.3	42.5
122	13.3	9.4	14.0



#30

Benzo(a)anthracene

Concen: 0.327 ng

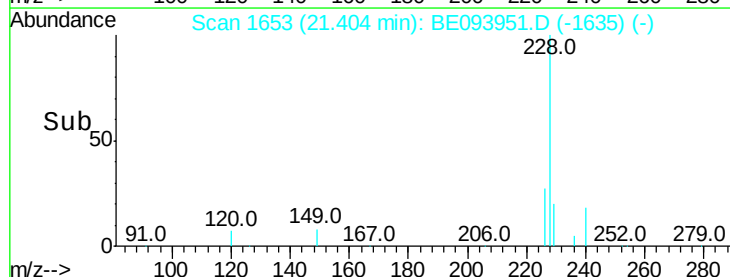
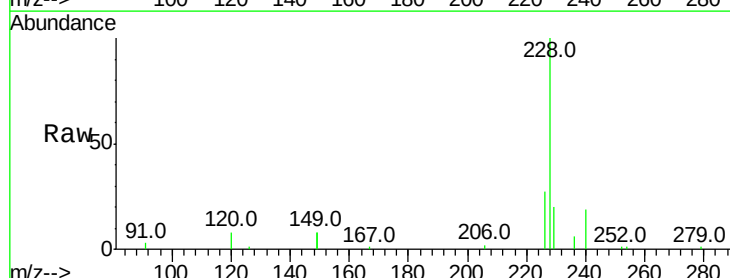
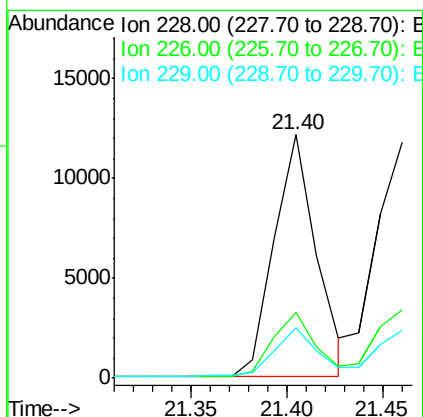
RT: 21.40 min Scan# 1653

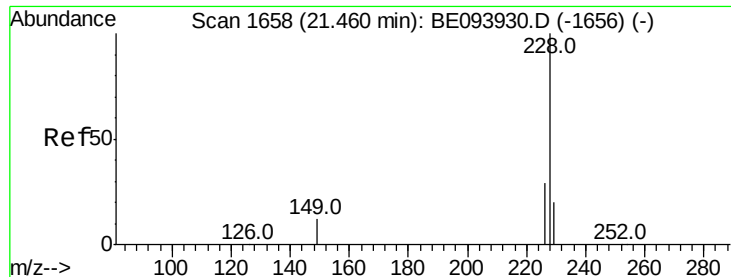
Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Tgt Ion:	228	Resp:	18532
Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.8	31.2
229	20.5	16.6	25.0





#31

Chrysene

Concen: 0.355 ng

RT: 21.46 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

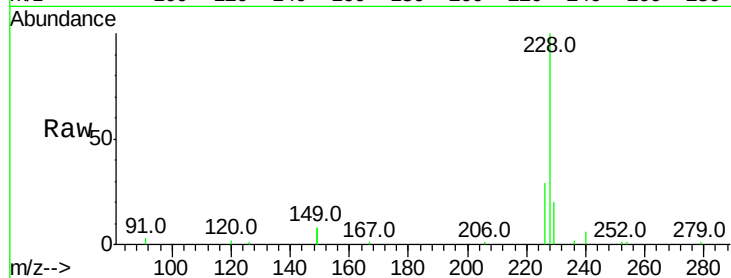
Tot Ion:228 Resp: 21265

Ion Ratio Lower Upper

228 100

226 28.9 24.6 37.0

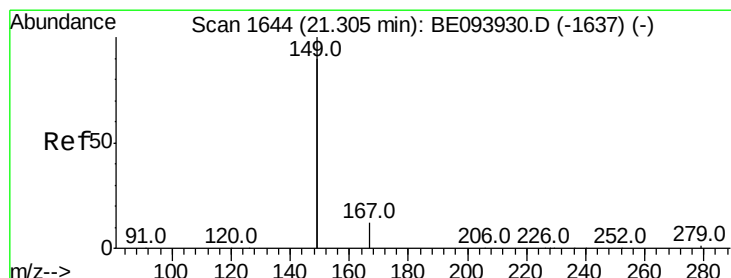
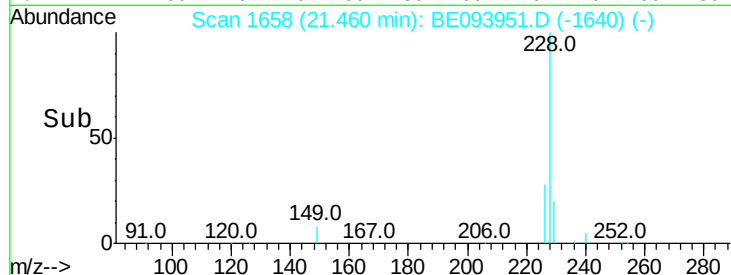
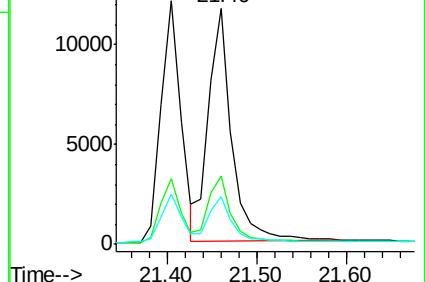
229 20.3 15.8 23.8



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: 0.323 ng

RT: 21.30 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

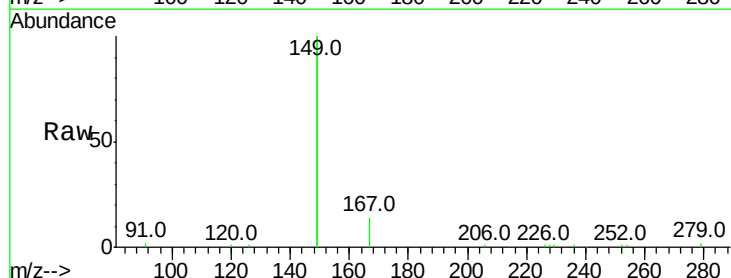
Tgt Ion:149 Resp: 44374

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

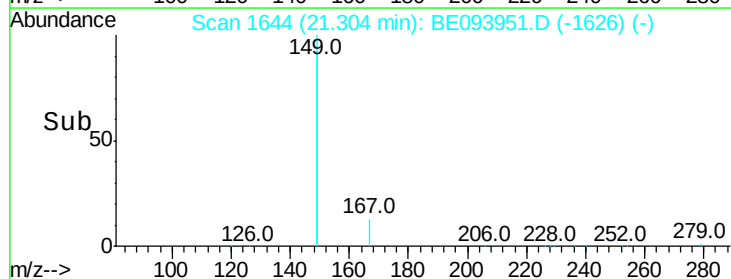
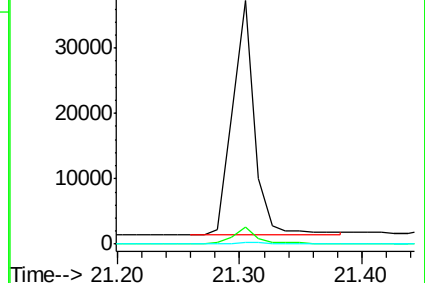
279 0.9 0.7 1.1

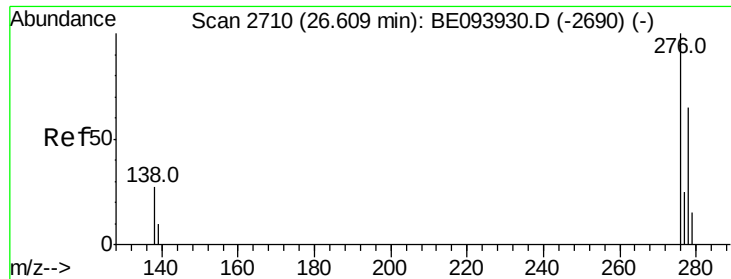


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

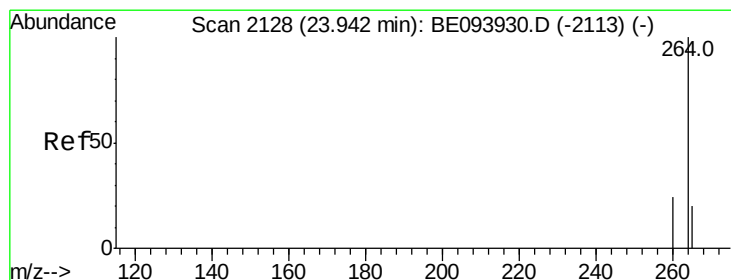
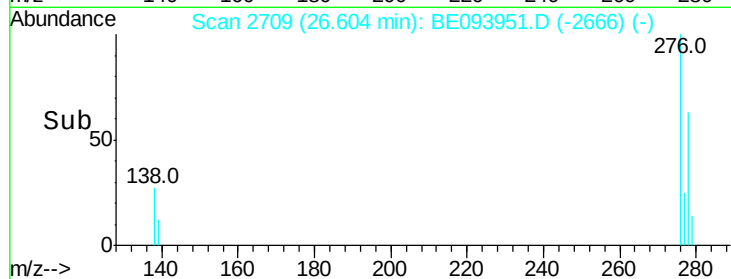
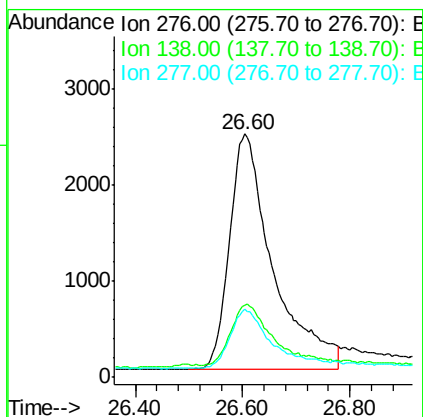
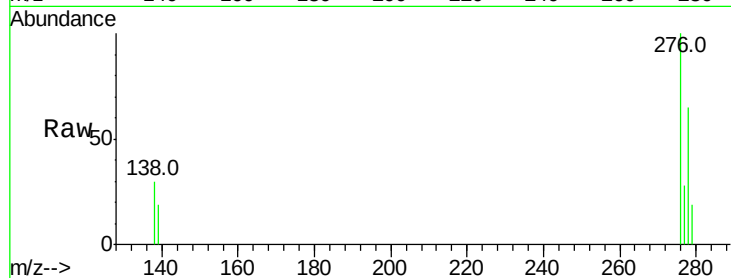




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.346 ng
 RT: 26.60 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BE093951.D
 Acq: 6 Sep 2017 10:11

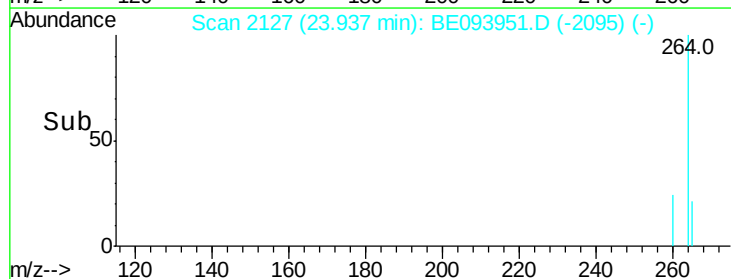
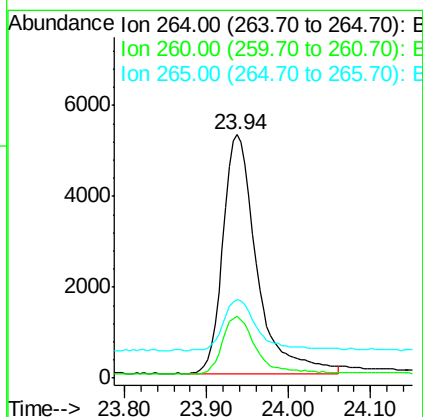
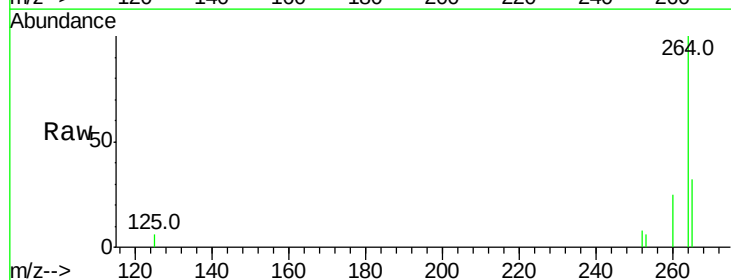
Instrument :
 BNA_E
 ClientSampleId :

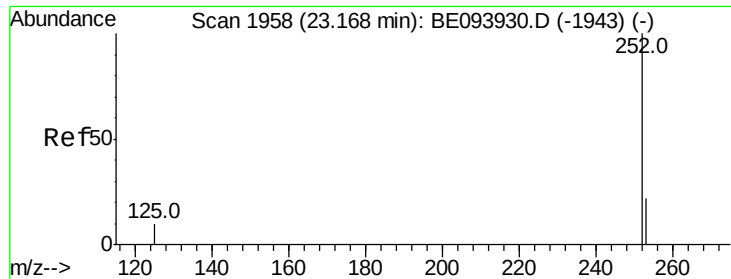
Tot Ion:276 Resp: 13834
 Ion Ratio Lower Upper
 276 100
 138 25.6 22.2 33.2
 277 24.7 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093951.D
 Acq: 6 Sep 2017 10:11

Tgt Ion:264 Resp: 15088
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 32.0 24.0 36.0





#35

Benzo(b)fluoranthene

Concen: 0.340 ng

RT: 23.16 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

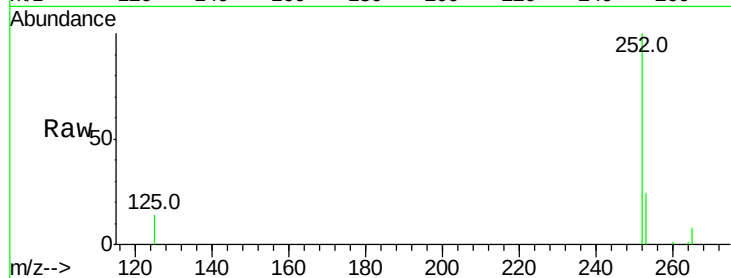
Tot Ion:252 Resp: 16337

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

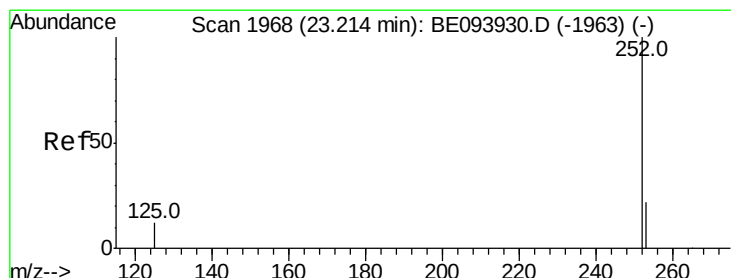
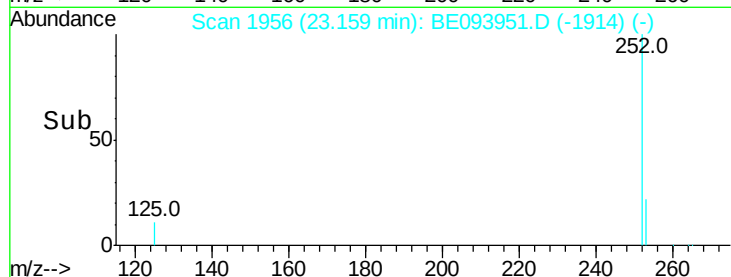
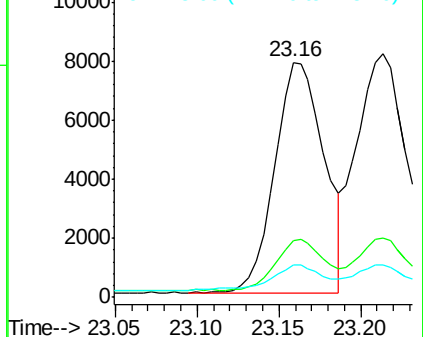
125 13.6 10.0 15.0



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: 0.345 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

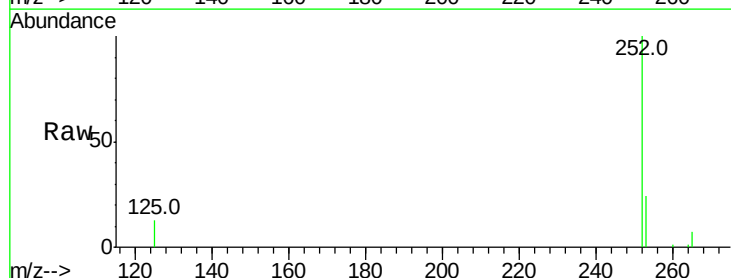
Tgt Ion:252 Resp: 20305

Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

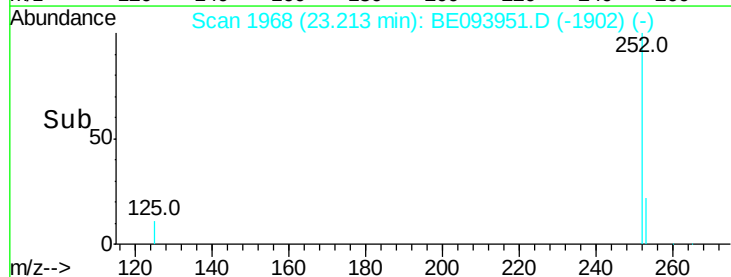
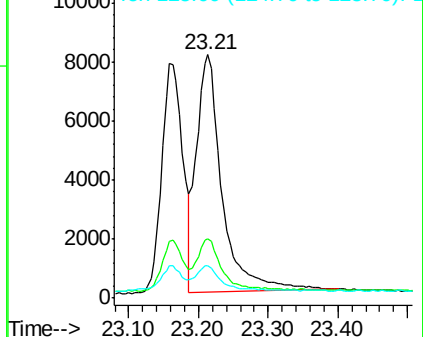
125 13.4 9.8 14.6

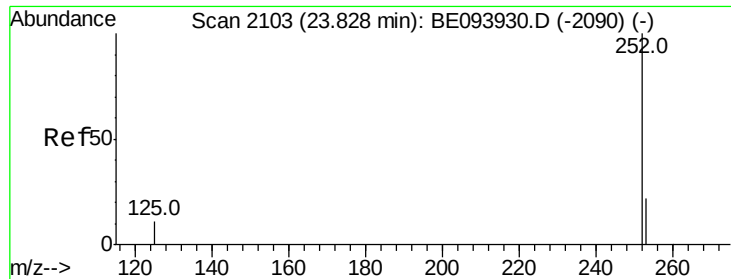


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.351 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :

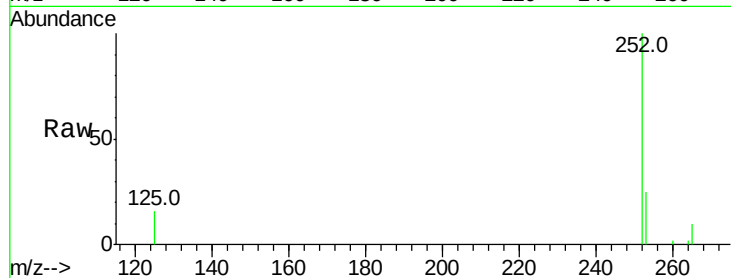
Tot Ion:252 Resp: 17177

Ion Ratio Lower Upper

252 100

253 25.3 19.6 29.4

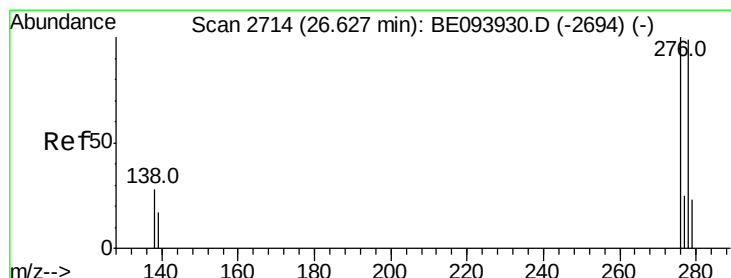
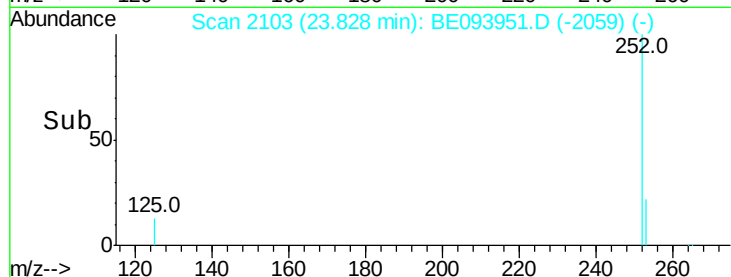
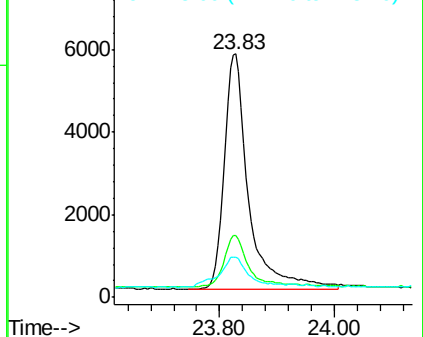
125 16.4 11.8 17.8



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: 0.354 ng

RT: 26.62 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

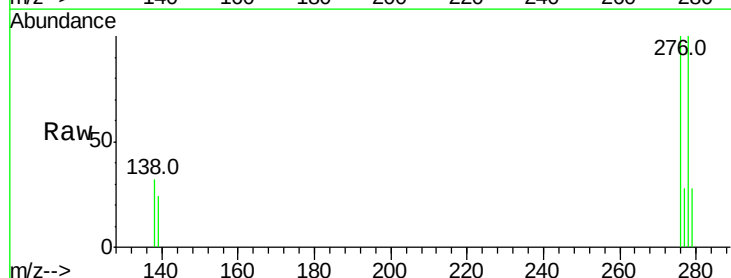
Tgt Ion:278 Resp: 11471

Ion Ratio Lower Upper

278 100

139 23.6 16.7 25.1

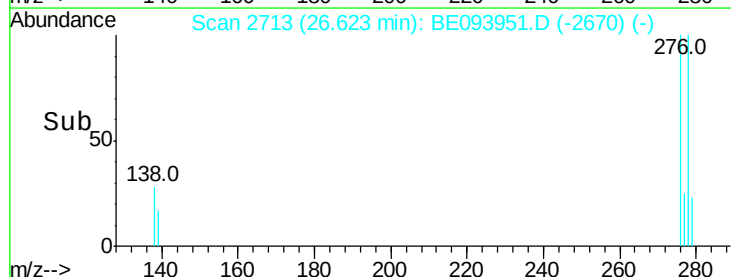
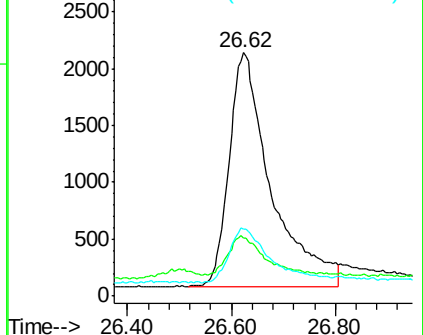
279 27.7 21.6 32.4

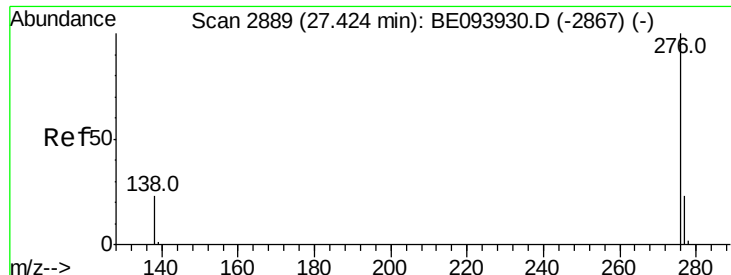


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.347 ng

RT: 27.42 min Scan# 2889

Delta R.T. 0.00 min

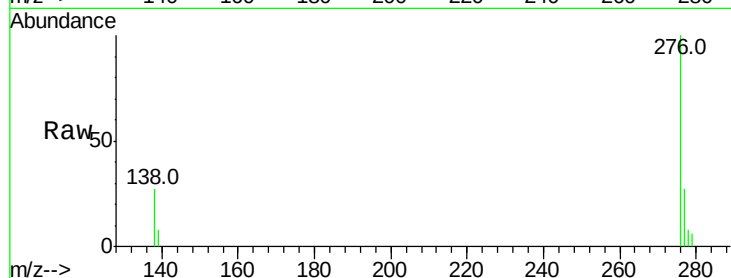
Lab File: BE093951.D

Acq: 6 Sep 2017 10:11

Instrument :

BNA_E

ClientSampleId :



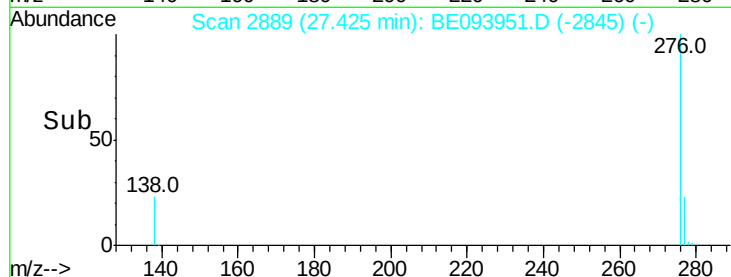
Tot Ion:276 Resp: 11871

Ion Ratio Lower Upper

276 100

277 26.8 20.6 30.8

138 27.0 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

