

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093475.D
 Acq On : 14 Jul 2017 18:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc : L00 0.2 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 01:28:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4373	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	23873	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15287	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29399	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39078	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33164	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	4957	0.38	ng	-0.01
5) Phenol-d6	7.09	99	7775	0.40	ng	-0.01
8) Nitrobenzene-d5	9.08	82	6631	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	15400	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1138	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	23350	0.39	ng	0.00
25) Fluoranthene-d10	19.28	212	157182	0.44	ng	0.00
29) Terphenyl-d14	19.87	244	28147	0.40	ng	0.00

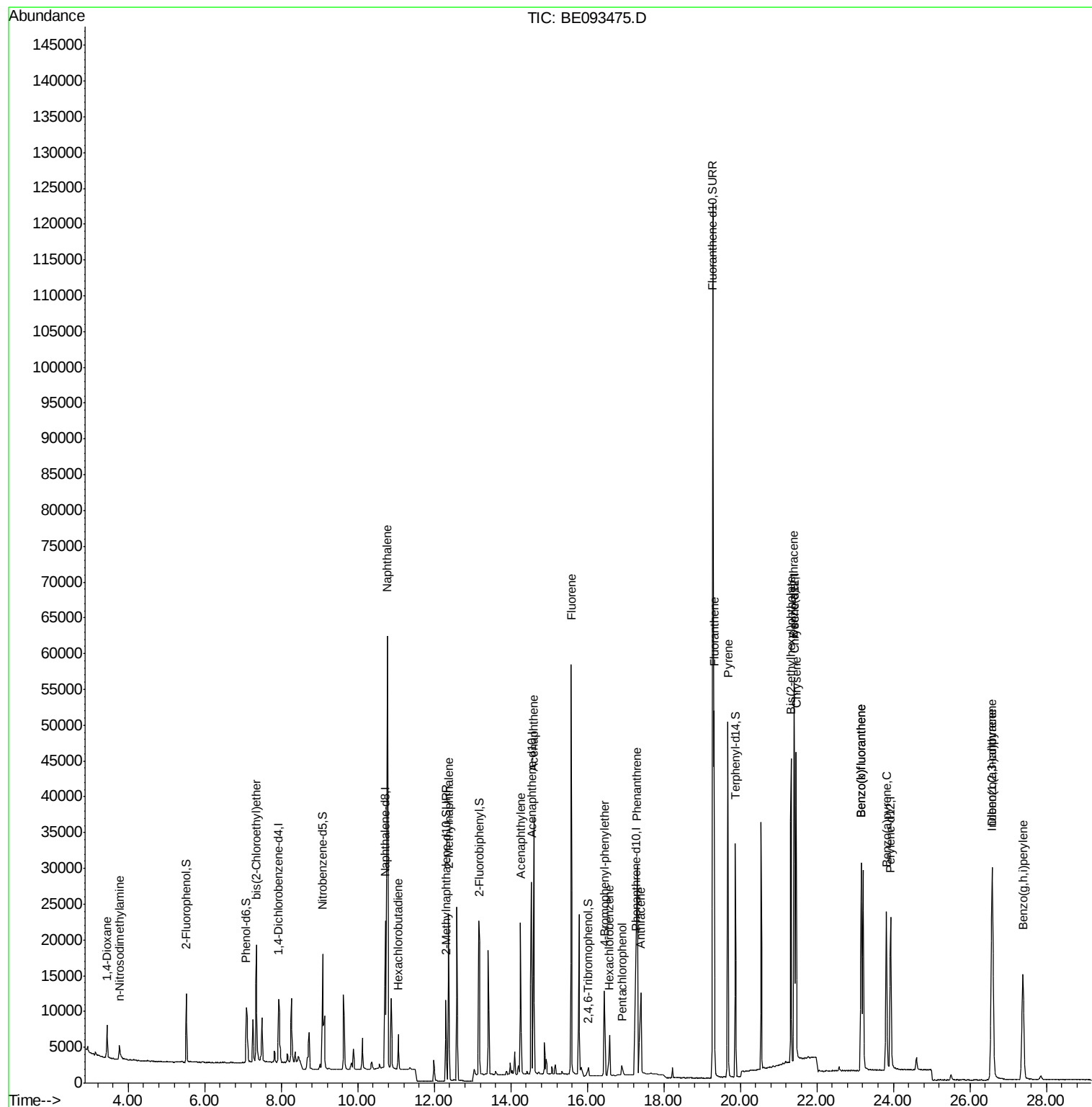
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	3165	0.342	ng	93
3) n-Nitrosodimethylamine	3.77	42	1917	0.408	ng	# 96
6) bis(2-Chloroethyl)ether	7.35	93	5874	0.401	ng	# 97
9) Naphthalene	10.77	128	96939	0.388	ng	# 73
10) Hexachlorobutadiene	11.06	225	3518	0.371	ng	99
12) 2-Methylnaphthalene	12.38	142	16843	0.401	ng	97
16) Acenaphthylene	14.26	152	24271	0.381	ng	# 88
17) Acenaphthene	14.60	154	17865	0.383	ng	99
18) Fluorene	15.58	166	23142	0.362	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	9305	0.577	ng	# 1
21) Hexachlorobenzene	16.58	284	9059	0.521	ng	# 100
22) Pentachlorophenol	16.91	266	1346	0.595	ng	# 79
23) Phenanthrene	17.30	178	44206	0.414	ng	96
24) Anthracene	17.40	178	16853	0.257	ng	# 74
26) Fluoranthene	19.31	202	44897	0.447	ng	99
28) Pyrene	19.67	202	45334	0.413	ng	# 100
30) Benzo(a)anthracene	21.40	228	39029	0.370	ng	94
31) Chrysene	21.46	228	43426	0.394	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	53392	0.351	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.57	276	40705	0.420	ng	96
35) Benzo(b)fluoranthene	23.16	252	41468	0.387	ng	97
36) Benzo(k)fluoranthene	23.16	252	41468	0.391	ng	97
37) Benzo(a)pyrene	23.82	252	36206	0.386	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	36275	0.398	ng	# 91
39) Benzo(g,h,i)perylene	27.38	276	35775	0.389	ng	92

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

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QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

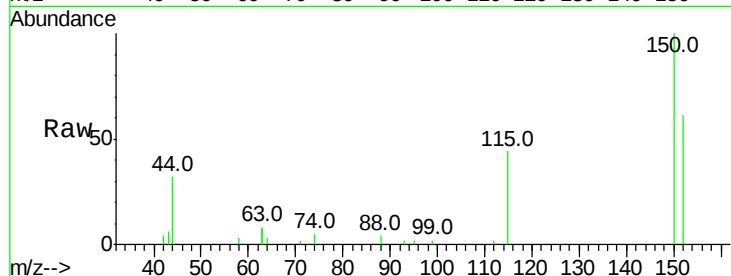
Tot Ion:152 Resp: 4373

Ion Ratio Lower Upper

152 100

150 164.4 125.1 187.7

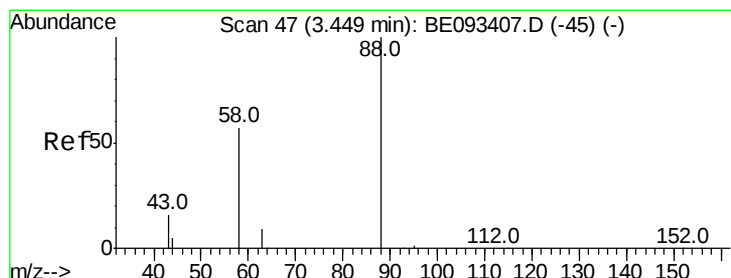
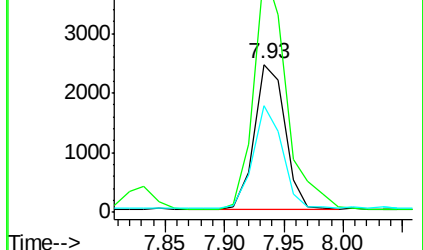
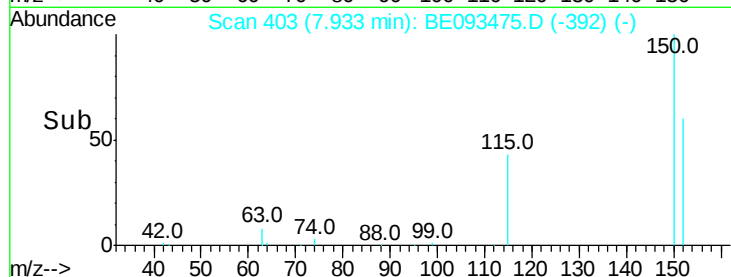
115 72.2 55.7 83.5



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: 0.342 ng

RT: 3.44 min Scan# 46

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

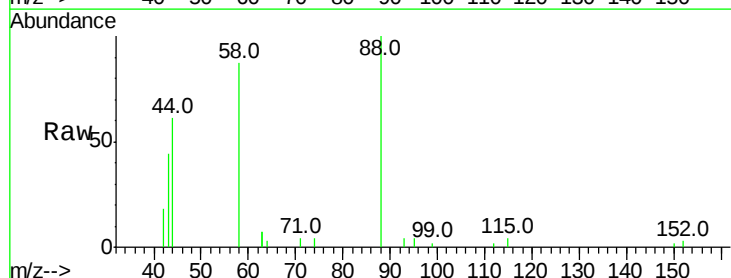
Tgt Ion: 88 Resp: 3165

Ion Ratio Lower Upper

88 100

58 83.5 62.2 93.4

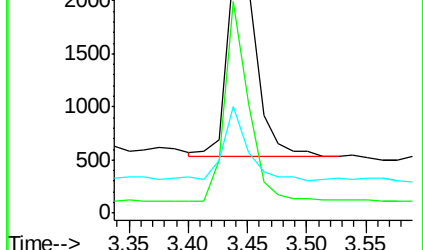
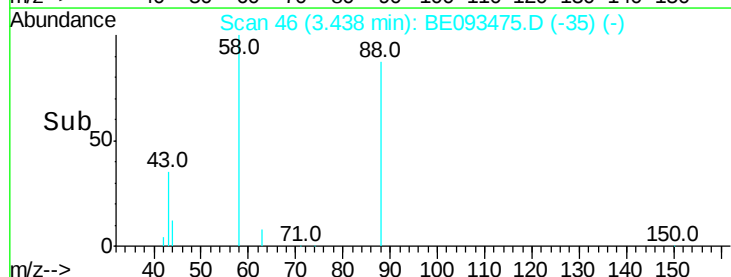
43 32.9 23.2 34.8



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



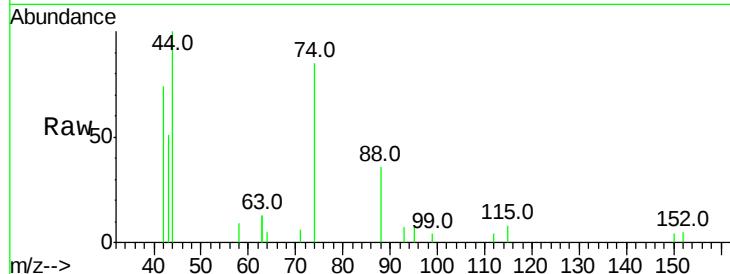


#3

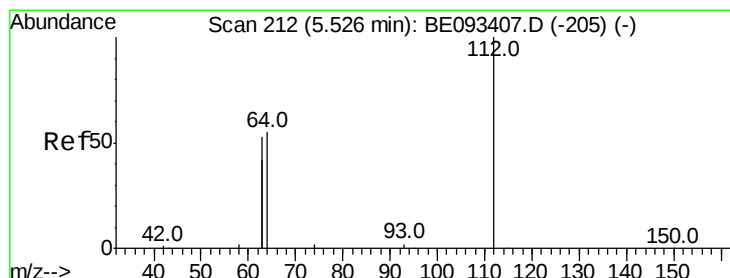
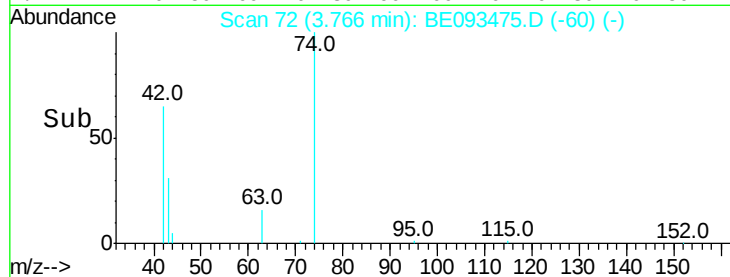
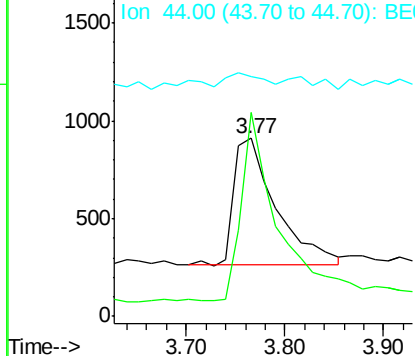
n-Nitrosodimethylamine
 Concen: 0.408 ng
 RT: 3.77 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1917
 Ion Ratio Lower Upper
 42 100
 74 128.4 99.1 148.7
 44 11.4 7.4 11.2#



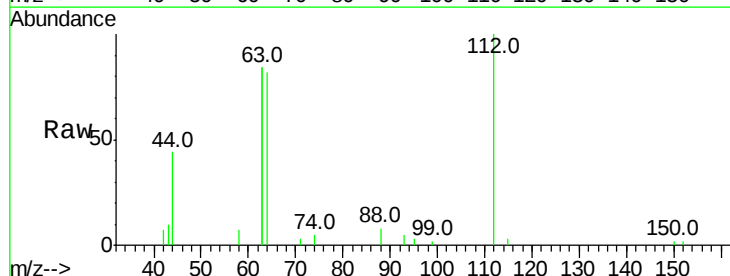
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



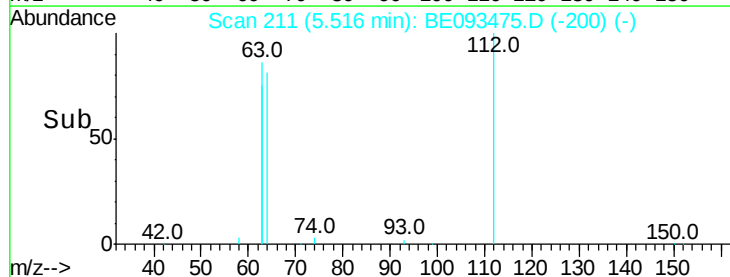
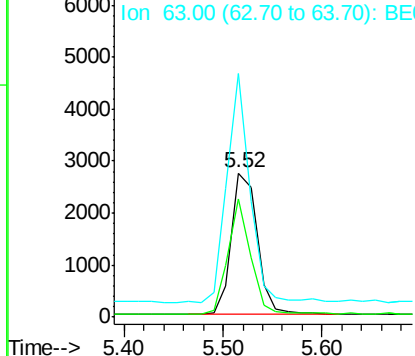
#4

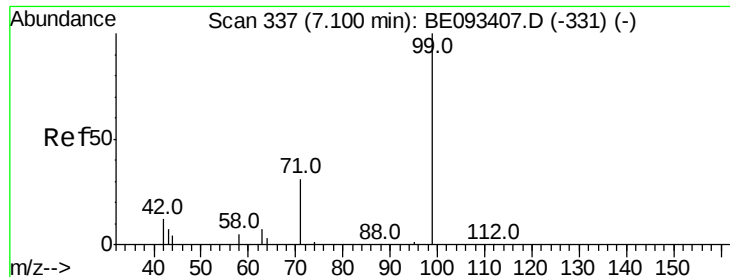
2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.52 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Tgt Ion: 112 Resp: 4957
 Ion Ratio Lower Upper
 112 100
 64 70.8 56.4 84.6
 63 144.3 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.400 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampled :

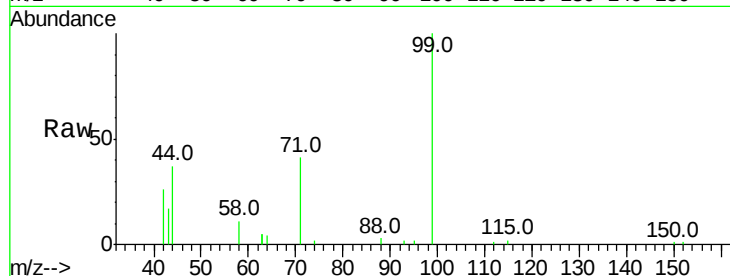
Tot Ion: 99 Resp: 7775

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

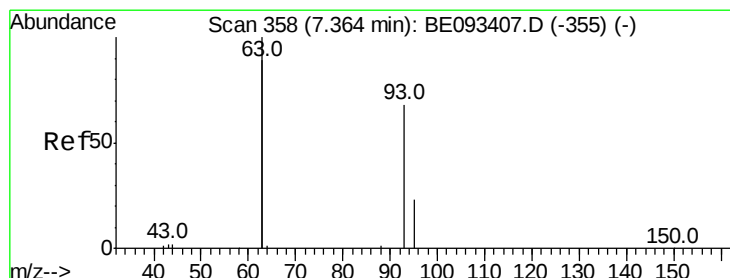
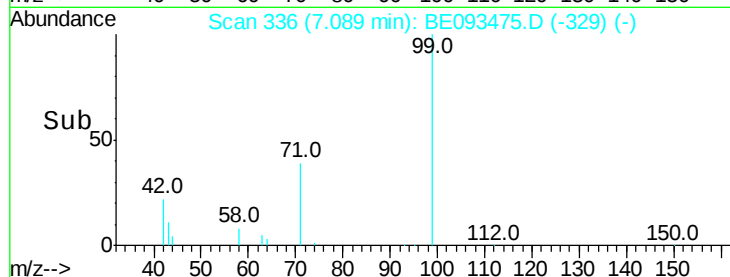
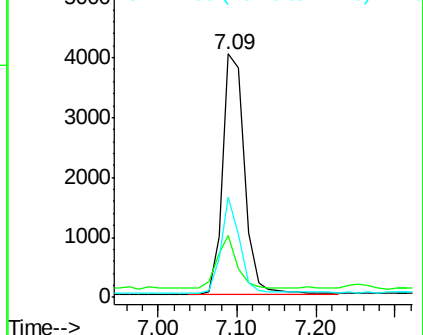
71 34.8 0.0 0.0#



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: 0.401 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

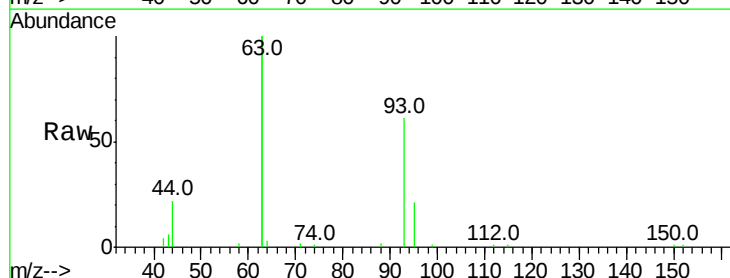
Tgt Ion: 93 Resp: 5874

Ion Ratio Lower Upper

93 100

63 347.2 0.0 0.0#

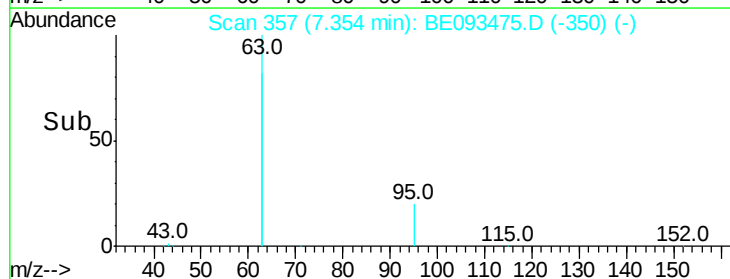
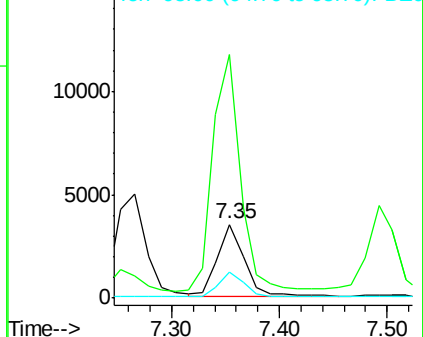
95 33.2 25.4 38.0

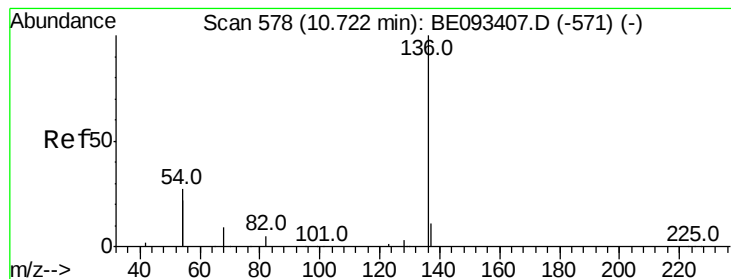


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 23873

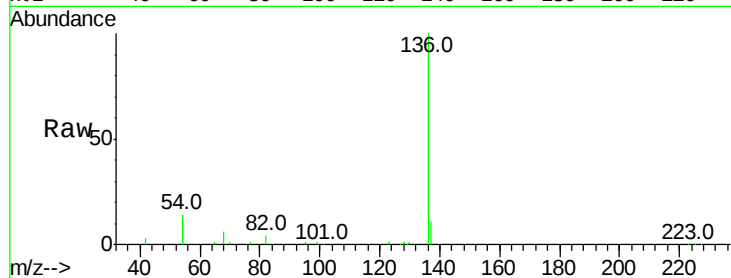
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 27.5 10.3 15.5#

68 6.0 9.0 13.4#

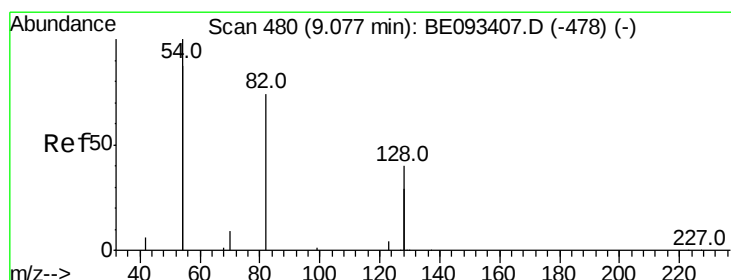
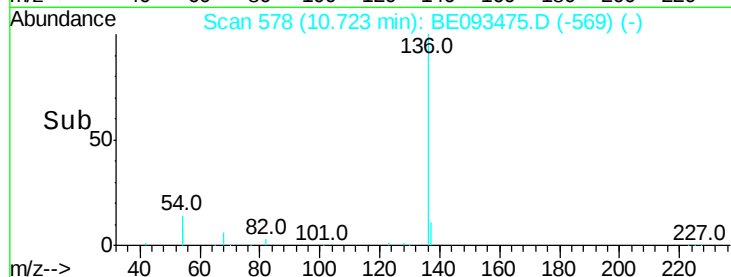
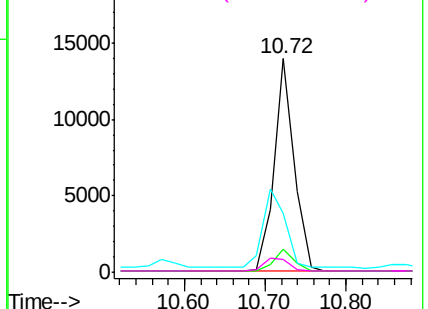


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.435 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

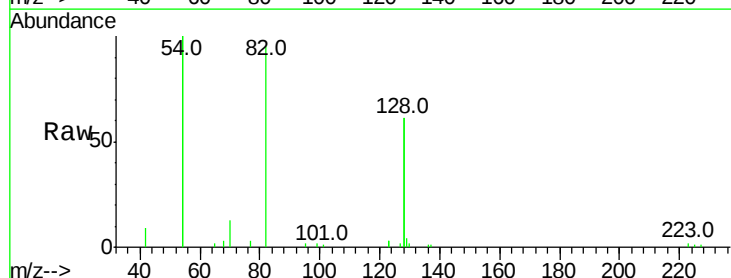
Tgt Ion: 82 Resp: 6631

Ion Ratio Lower Upper

82 100

128 129.0 17.0 25.4#

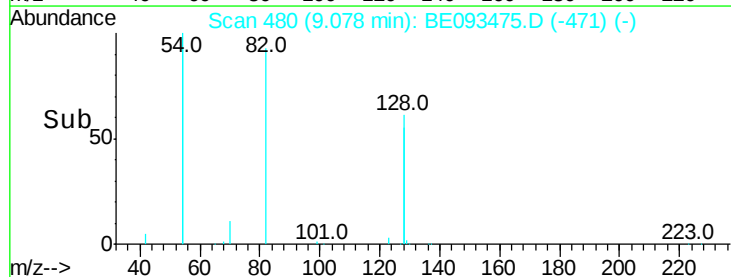
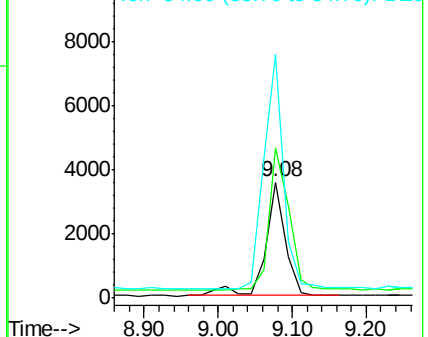
54 209.9 53.8 80.6#

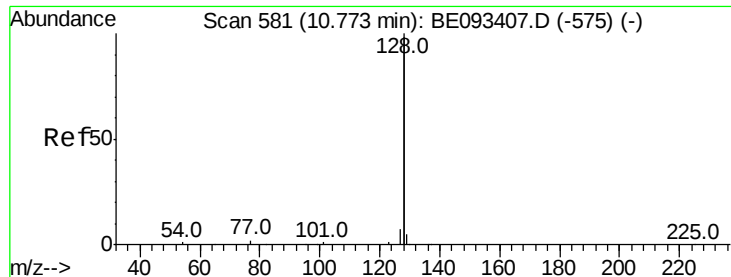


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

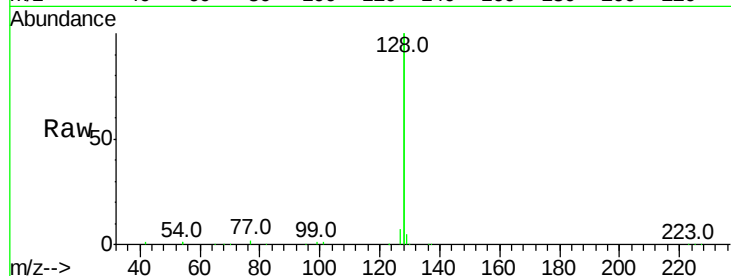
Tot Ion:128 Resp: 96939

Ion Ratio Lower Upper

128 100

129 2.7 11.4 17.0#

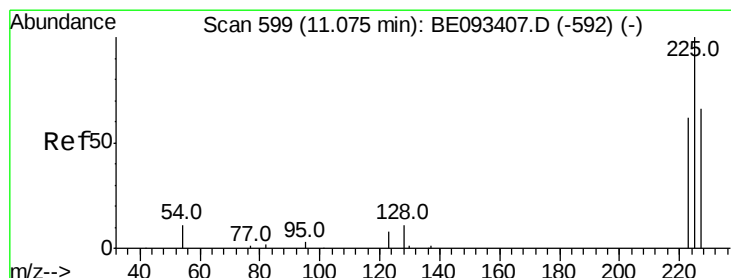
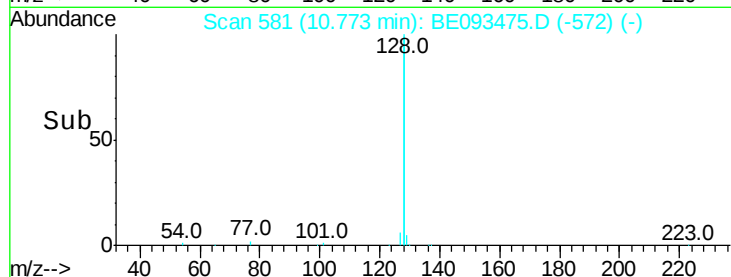
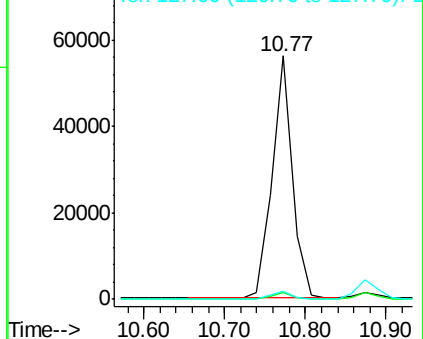
127 3.3 11.2 16.8#



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: 0.371 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

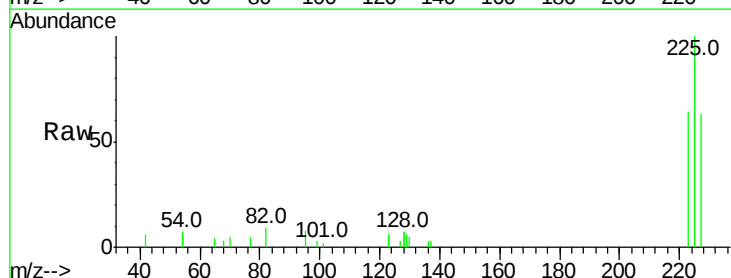
Tgt Ion:225 Resp: 3518

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

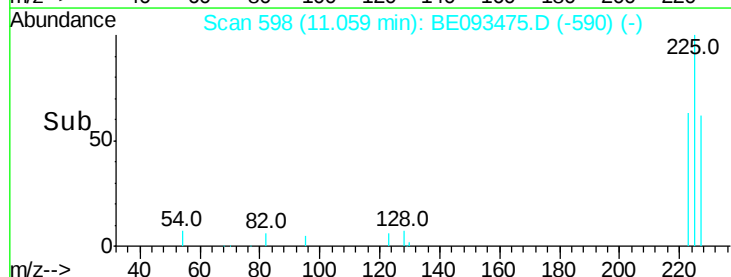
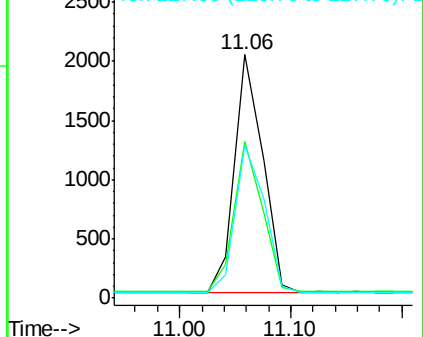
227 64.4 50.3 75.5

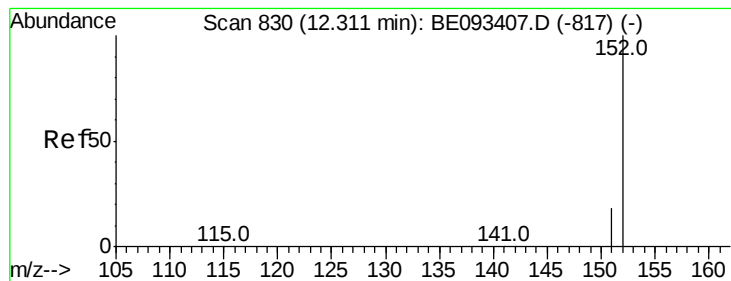


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

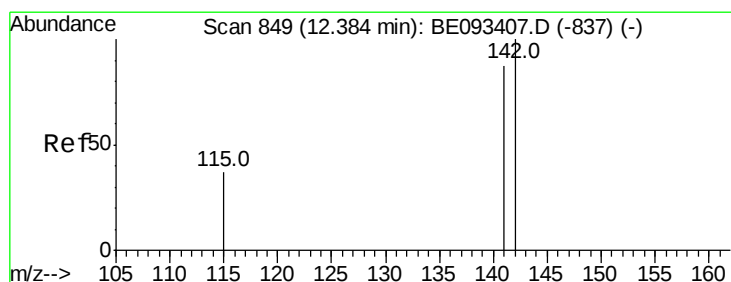
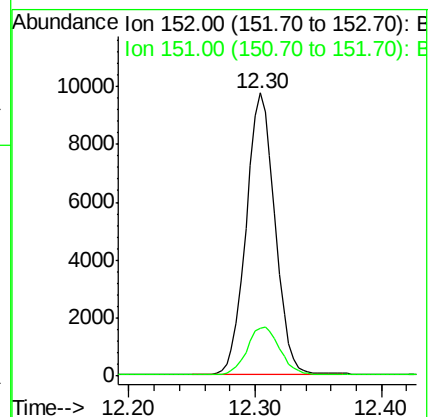
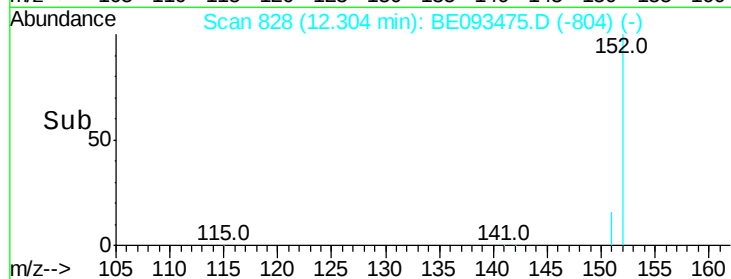
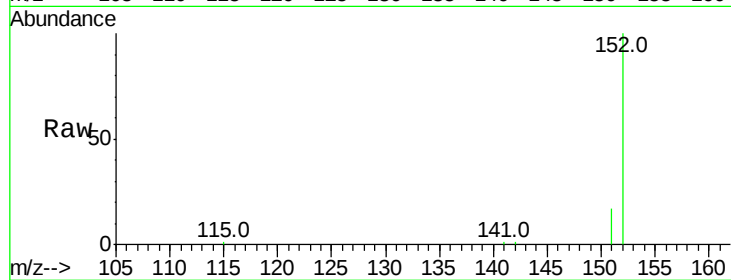
ClientSampled :

Tot Ion:152 Resp: 15400

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.38 min Scan# 847

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

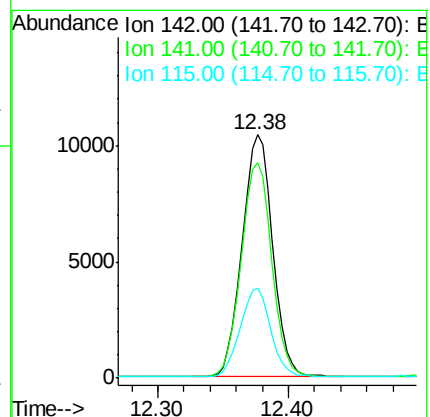
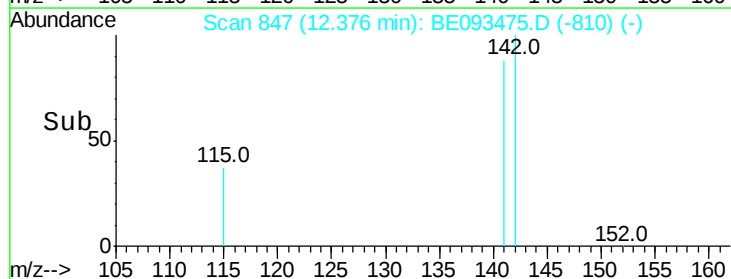
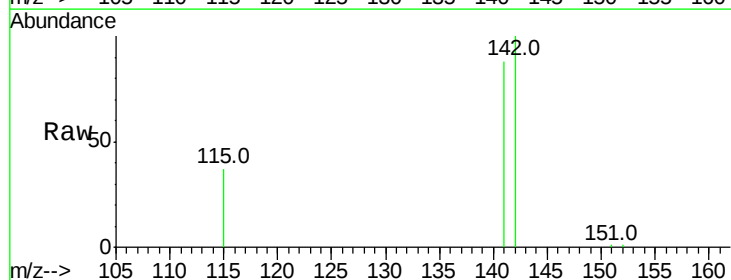
Tgt Ion:142 Resp: 16843

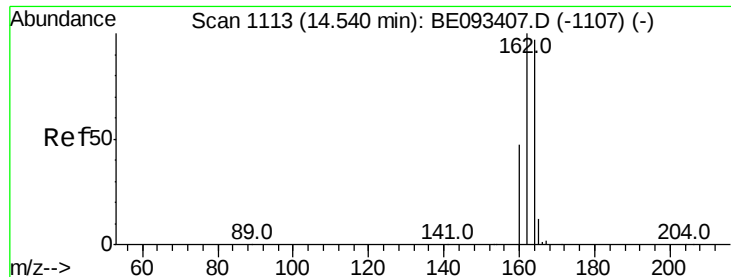
Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

115 37.1 32.2 48.2

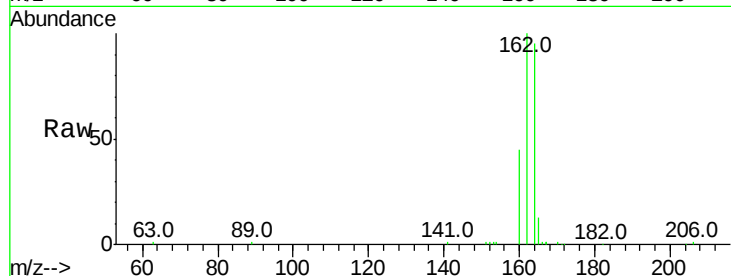




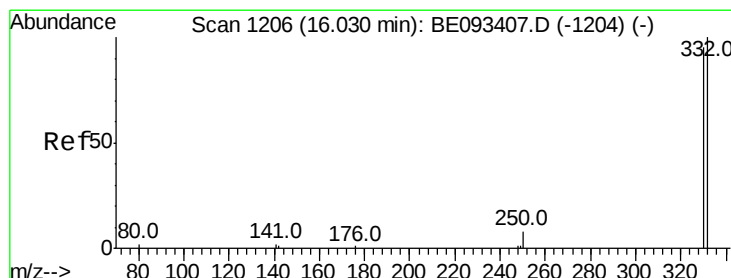
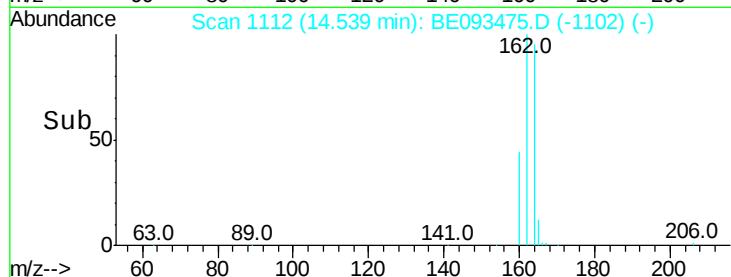
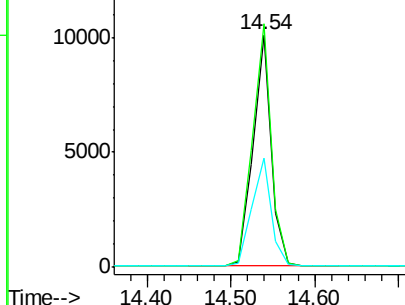
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 15287
 Ion Ratio Lower Upper
 164 100
 162 104.8 84.6 127.0
 160 46.9 41.8 62.6

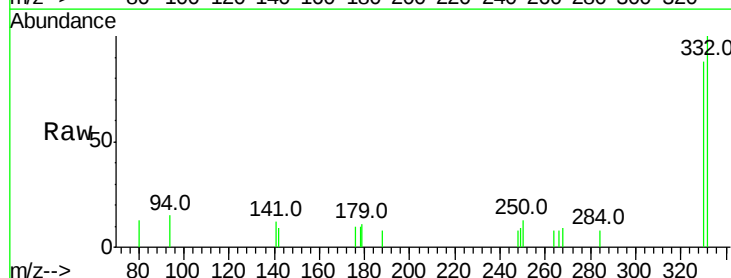


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

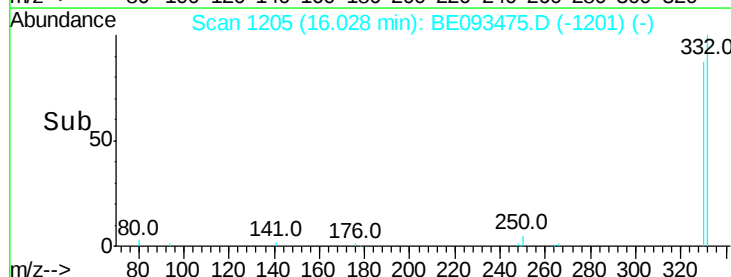
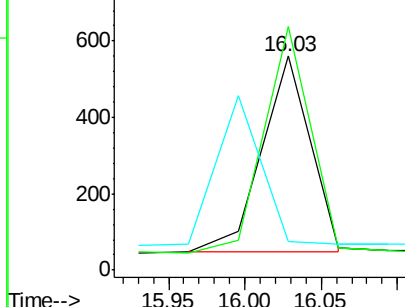


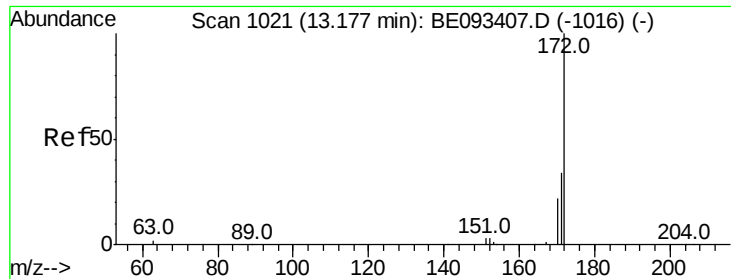
#14
 2,4,6-Tribromophenol
 Concen: 0.237 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Tgt Ion:330 Resp: 1138
 Ion Ratio Lower Upper
 330 100
 332 109.5 77.7 116.5
 141 0.0 56.2 84.4#



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

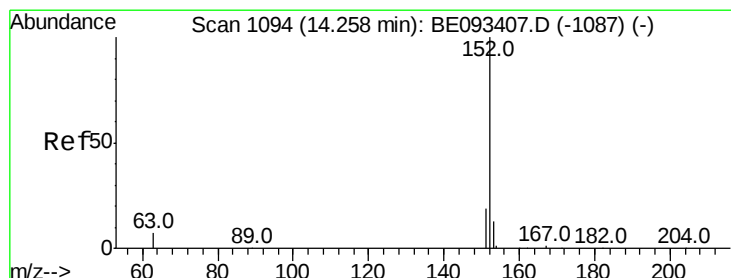
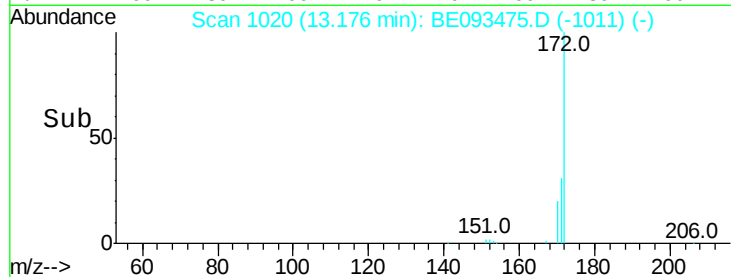
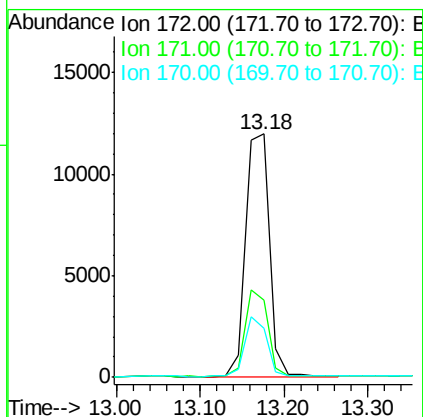
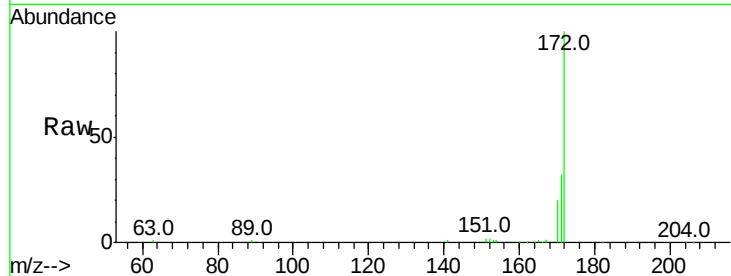




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

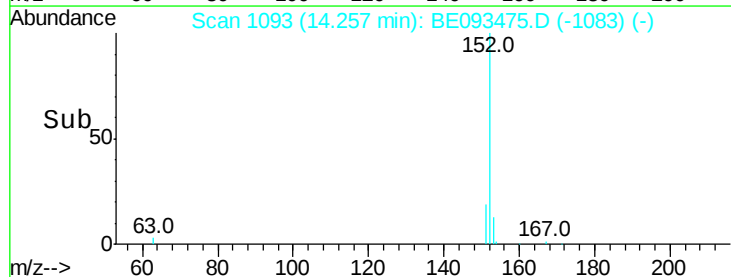
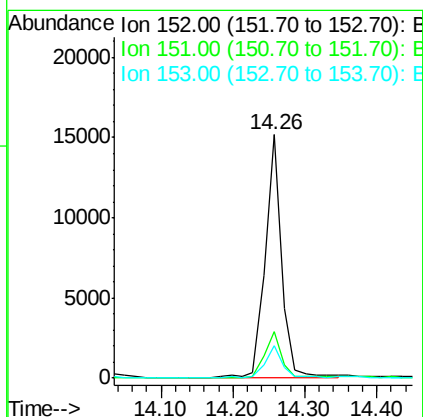
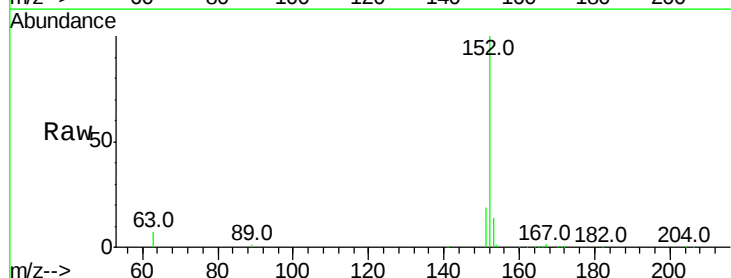
Instrument :
BNA_E
ClientSampleId :

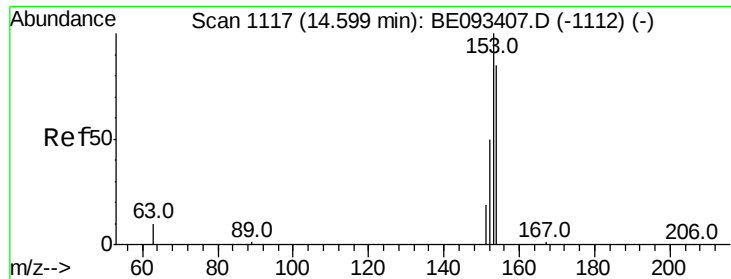
Tot Ion:172 Resp: 23350
Ion Ratio Lower Upper
172 100
171 31.6 29.8 44.6
170 20.3 20.7 31.1#



#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:152 Resp: 24271
Ion Ratio Lower Upper
152 100
151 19.1 4.0 6.0#
153 13.0 10.3 15.5

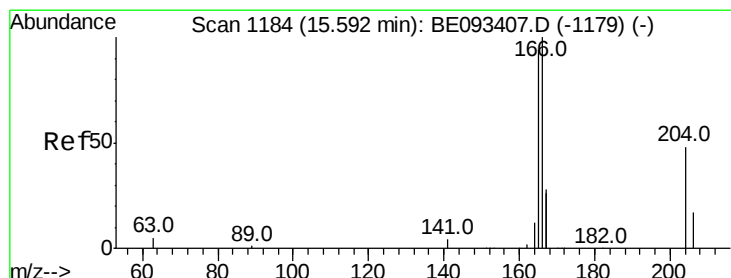
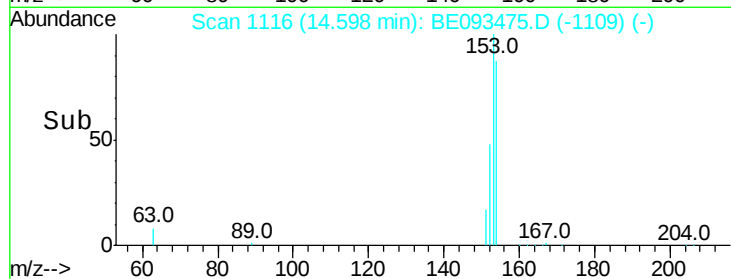
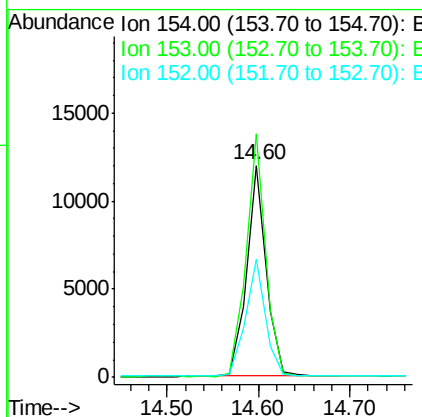
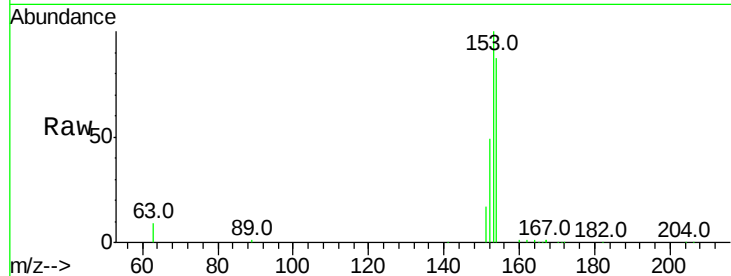




#17
Acenaphthene
Concen: 0.383 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

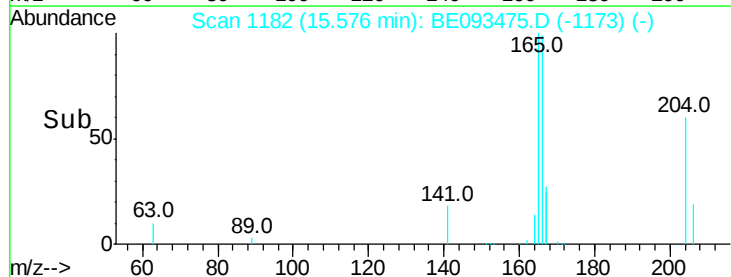
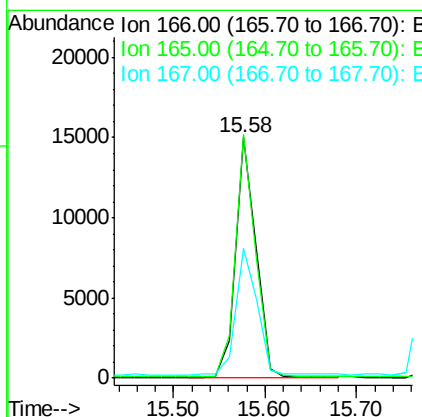
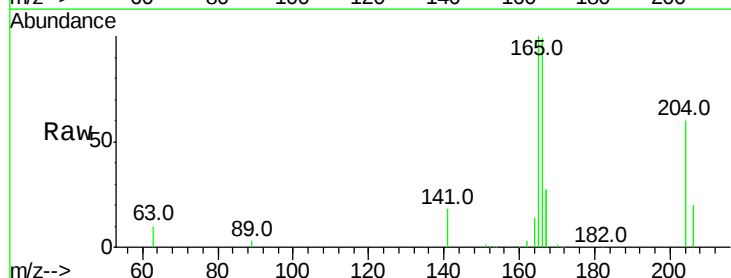
Instrument :
BNA_E
ClientSampleId :

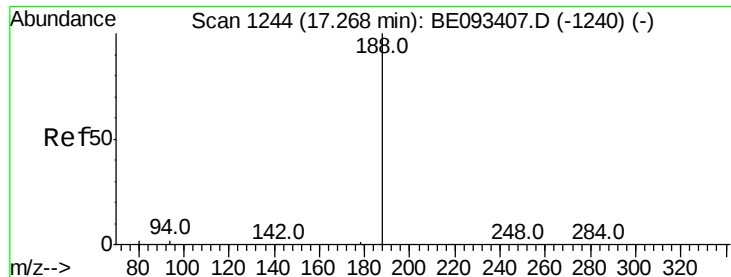
Tot Ion:154 Resp: 17865
Ion Ratio Lower Upper
154 100
153 115.0 91.2 136.8
152 56.3 44.8 67.2



#18
Fluorene
Concen: 0.362 ng
RT: 15.58 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:166 Resp: 23142
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 54.7 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

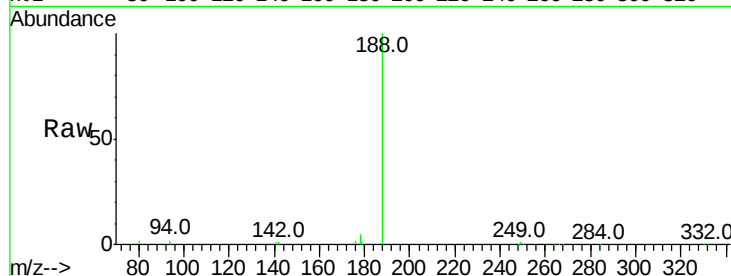
Tot Ion:188 Resp: 29399

Ion Ratio Lower Upper

188 100

94 2.1 11.3 16.9#

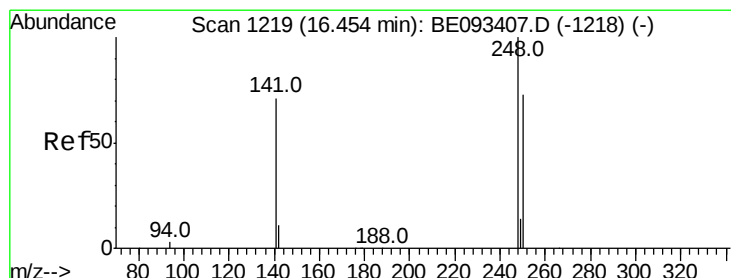
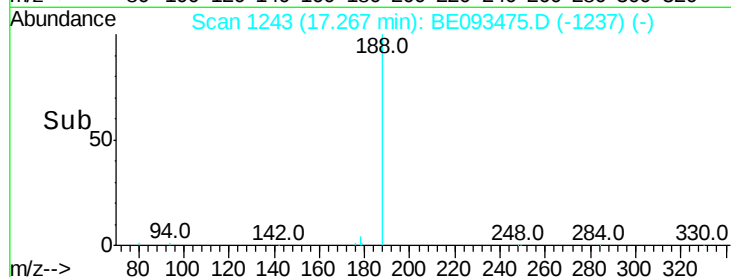
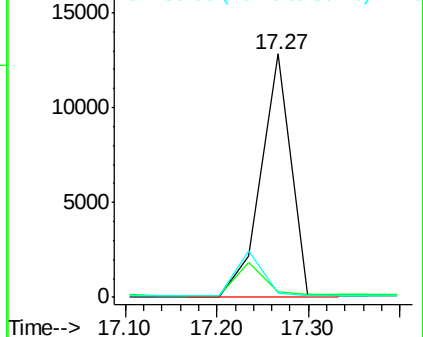
80 1.6 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.577 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

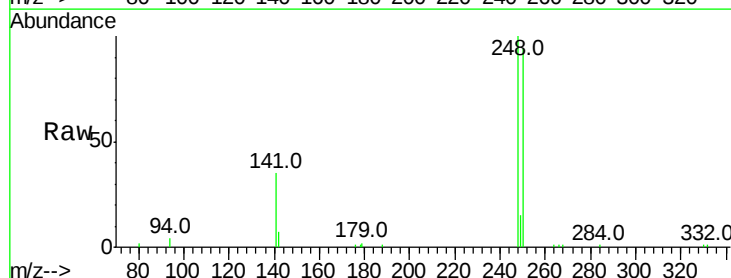
Tgt Ion:248 Resp: 9305

Ion Ratio Lower Upper

248 100

250 93.8 40.8 61.2#

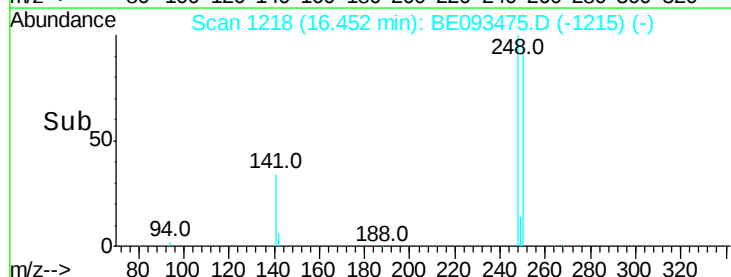
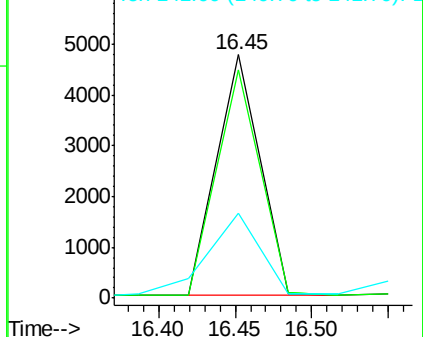
141 34.7 161.6 242.4#

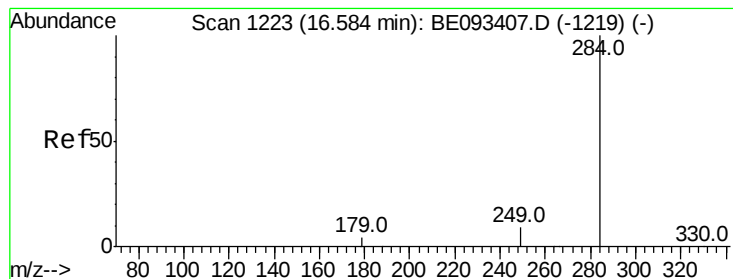


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.521 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

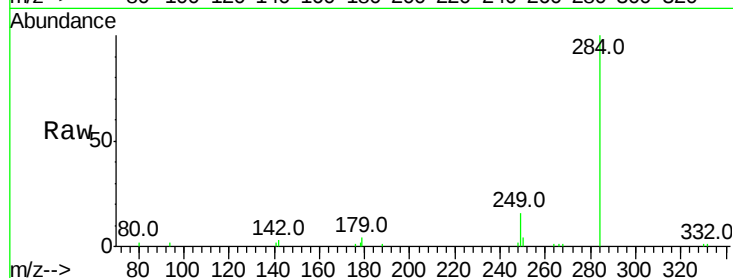
Tot Ion:284 Resp: 9059

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

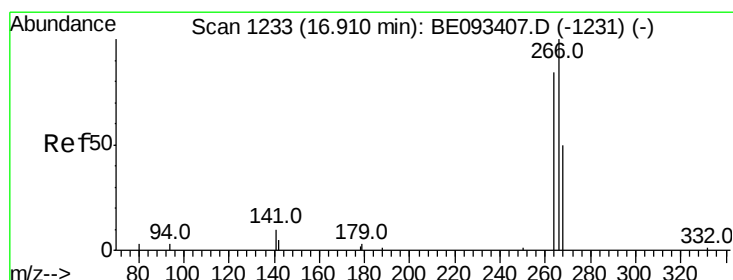
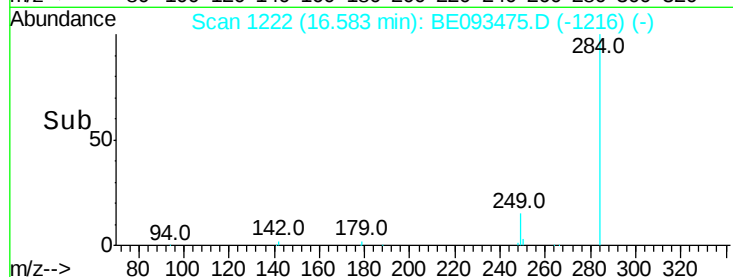
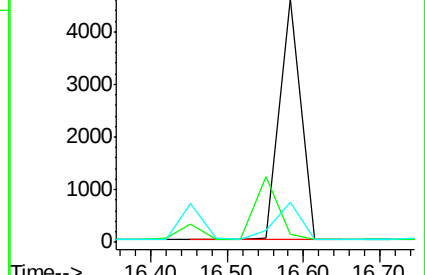
249 18.3 0.0 0.0#



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: 0.595 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

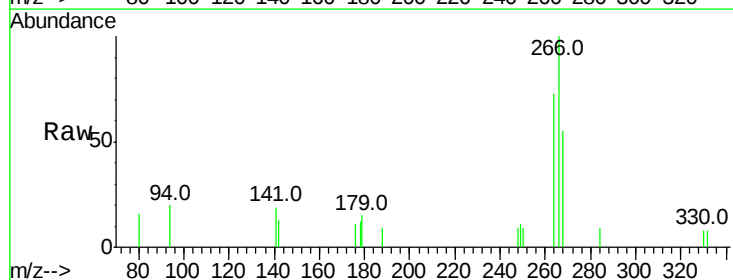
Tgt Ion:266 Resp: 1346

Ion Ratio Lower Upper

266 100

264 73.4 58.2 87.2

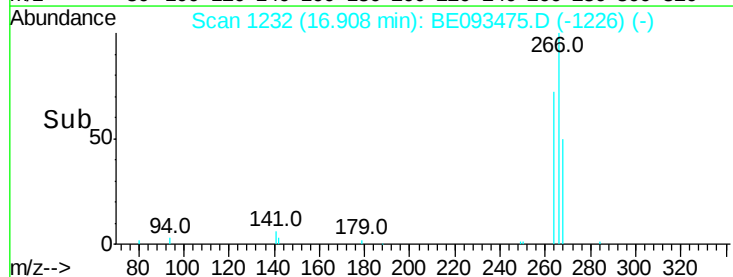
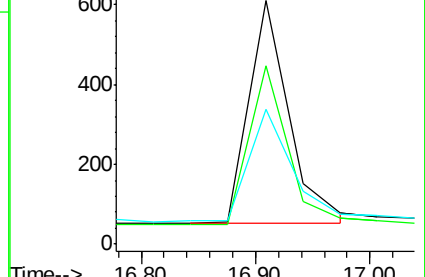
268 55.4 71.9 107.9#

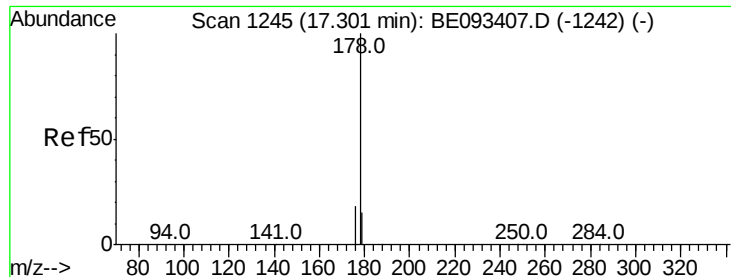


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.414 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

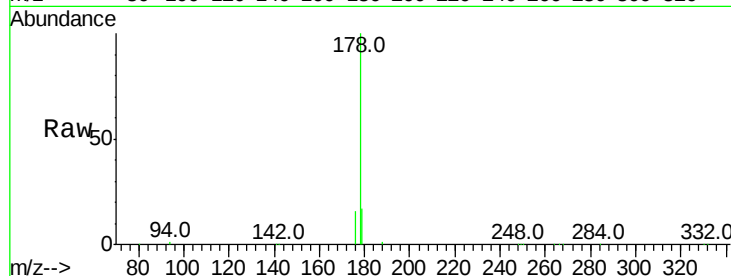
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 44206

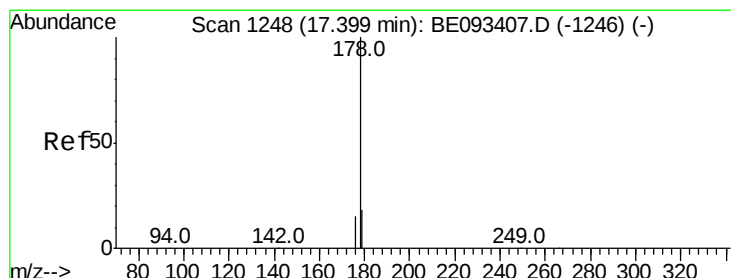
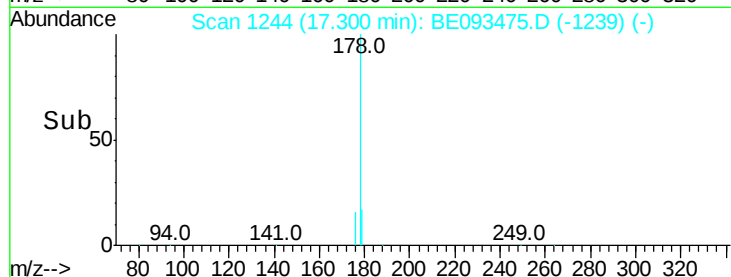
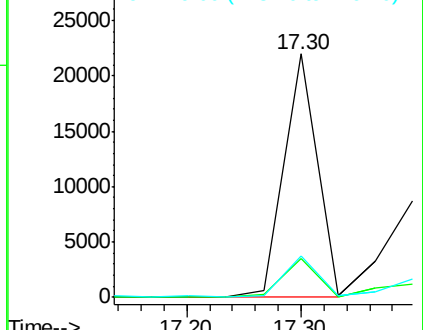
Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	16.7	12.7	19.1



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: 0.257 ng

RT: 17.40 min Scan# 1247

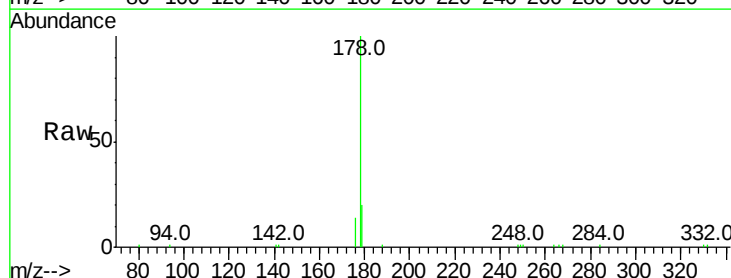
Delta R.T. -0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Tgt Ion:178 Resp: 16853

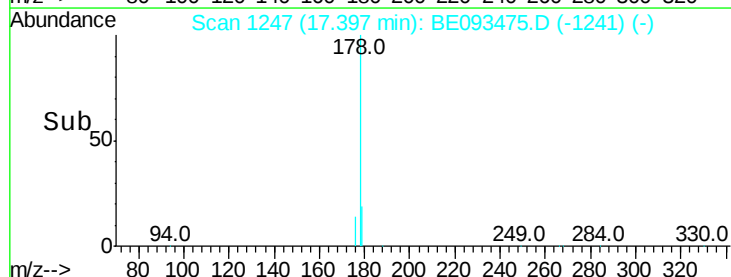
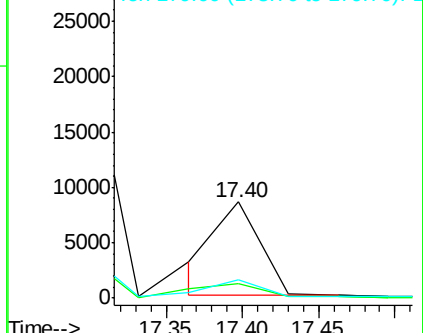
Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	18.5	12.0	18.0#

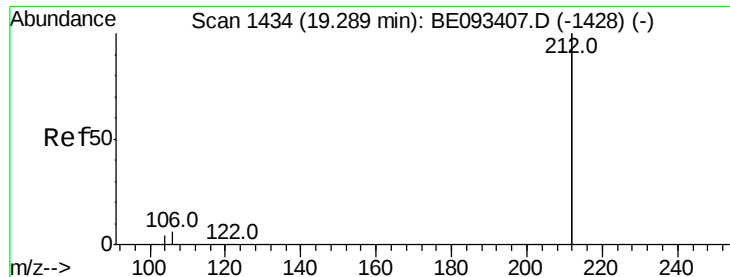


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

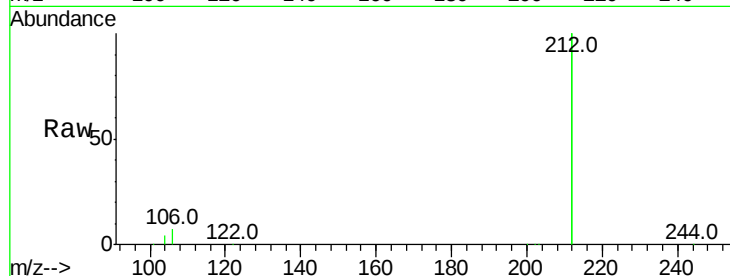
Tot Ion:212 Resp: 157182

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

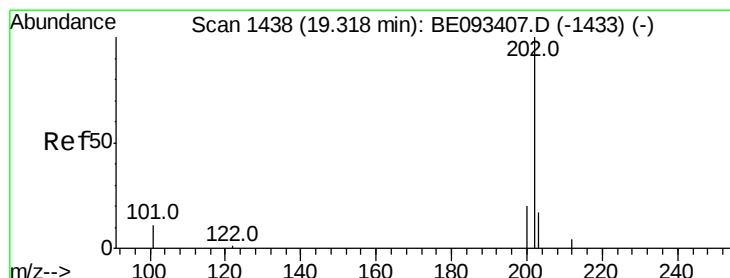
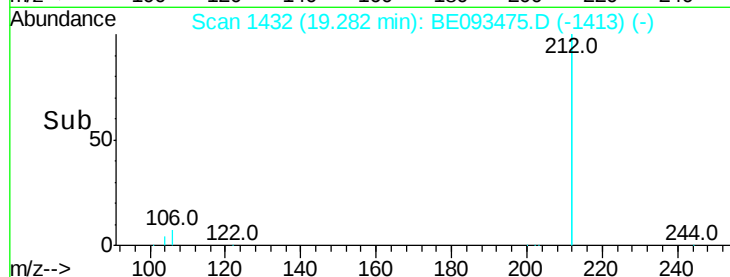
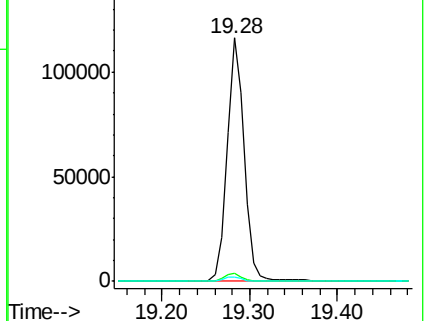
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.447 ng

RT: 19.31 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

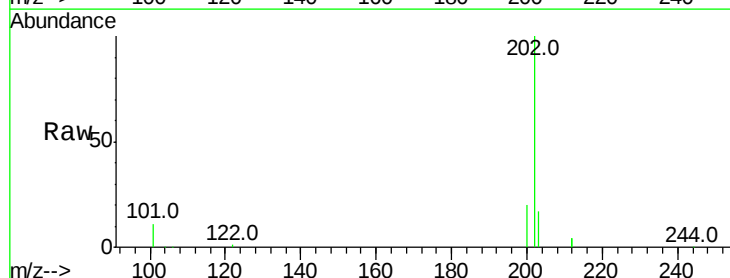
Tgt Ion:202 Resp: 44897

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

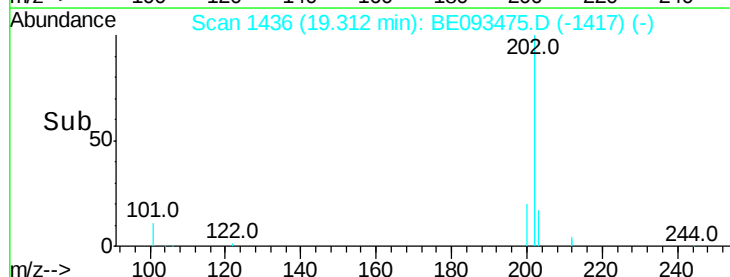
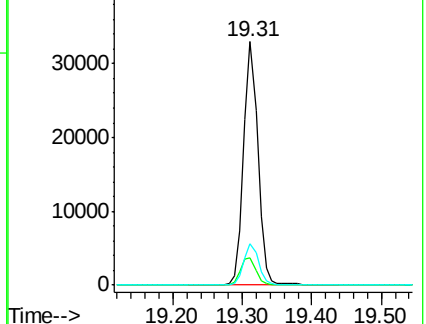
203 16.9 14.4 21.6

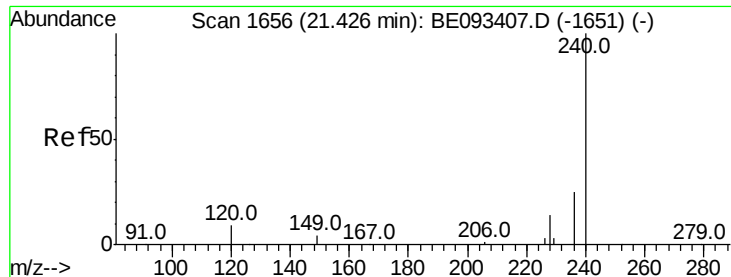


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

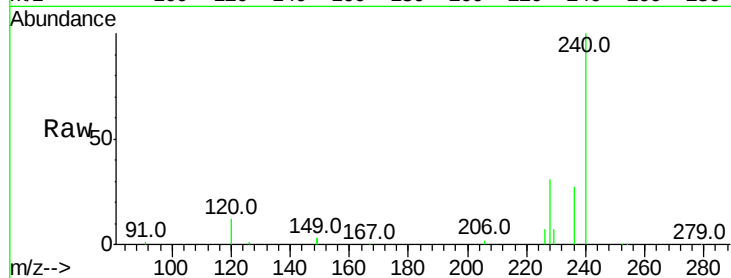
Tot Ion:240 Resp: 39078

Ion Ratio Lower Upper

240 100

120 11.8 4.6 7.0#

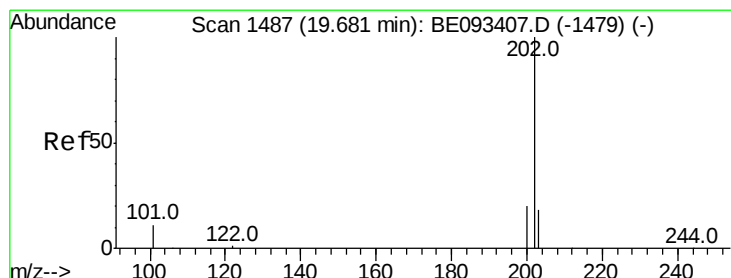
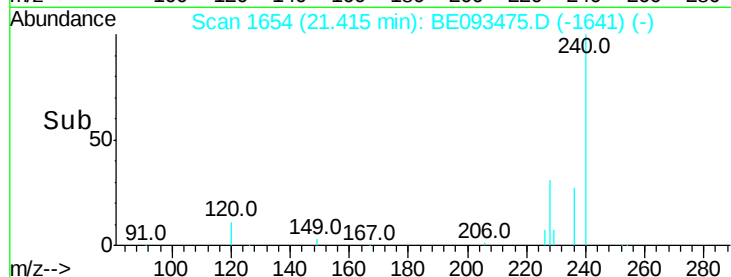
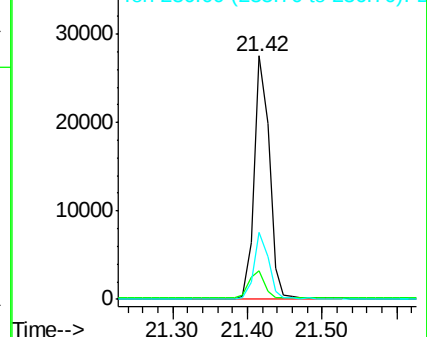
236 27.3 20.8 31.2



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: 0.413 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

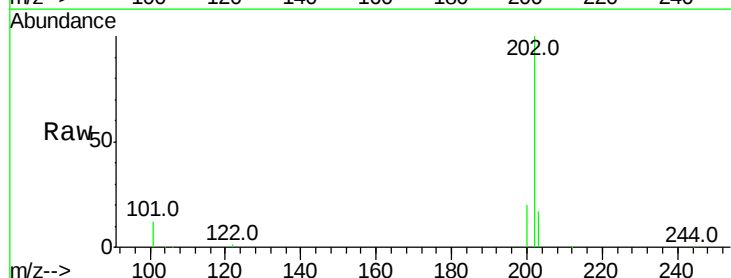
Tgt Ion:202 Resp: 45334

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

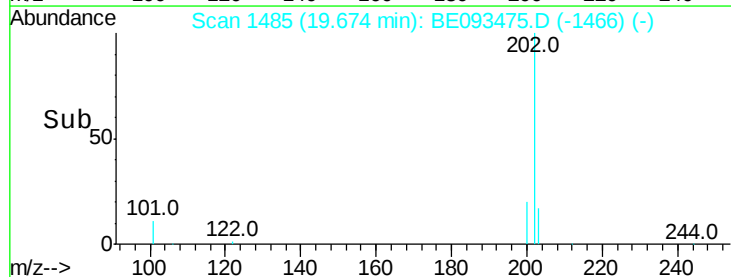
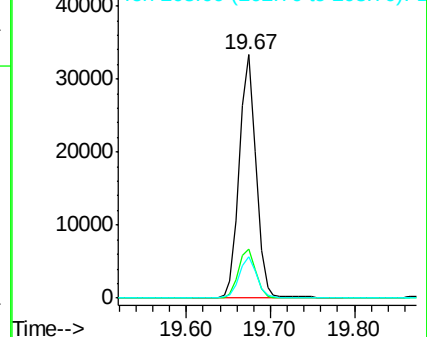
203 17.2 13.7 20.5

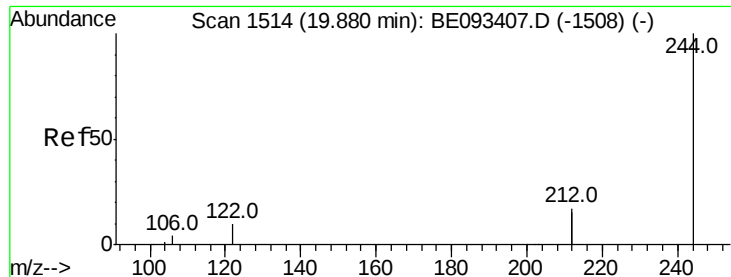


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

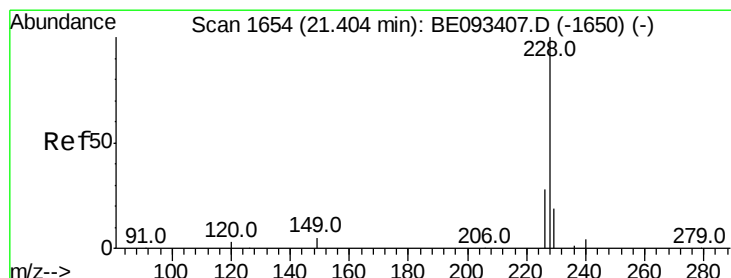
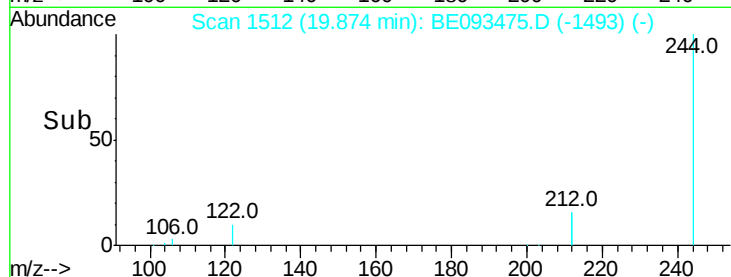
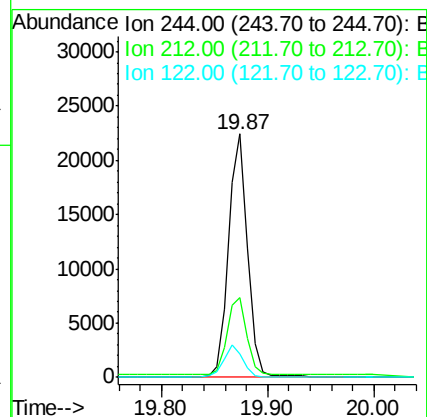
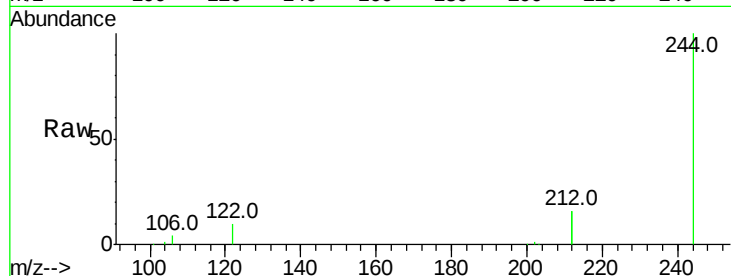
Tot Ion:244 Resp: 28147

Ion Ratio Lower Upper

244 100

212 32.5 10.6 16.0#

122 9.8 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.370 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

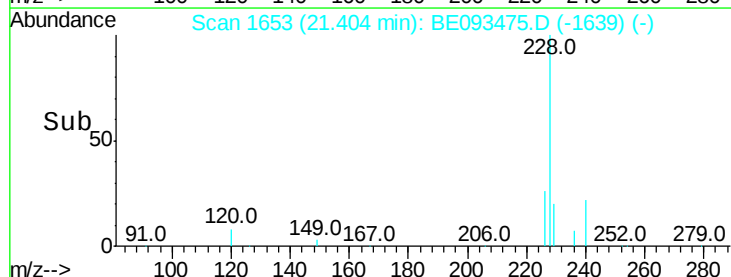
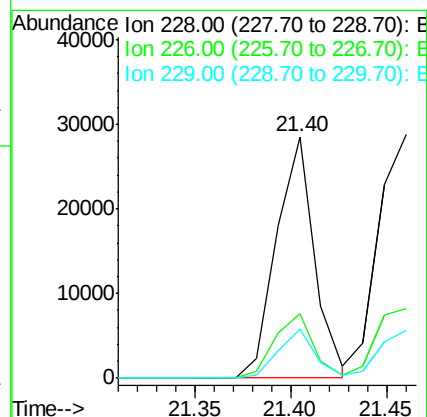
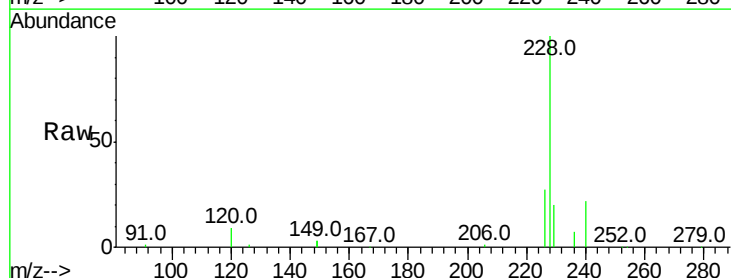
Tgt Ion:228 Resp: 39029

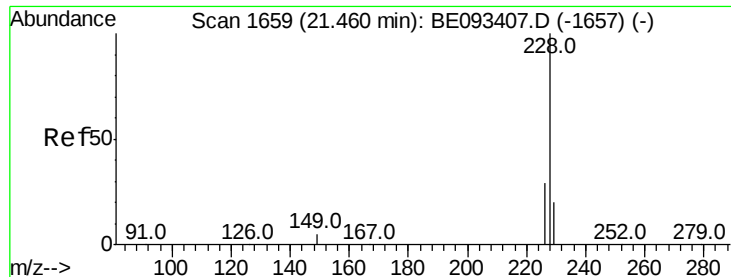
Ion Ratio Lower Upper

228 100

226 26.6 19.7 29.5

229 20.3 19.2 28.8





#31

Chrysene

Concen: 0.394 ng

RT: 21.46 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

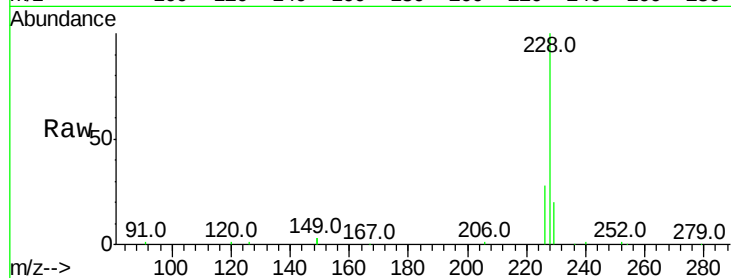
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 43426

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	19.7	18.6	28.0

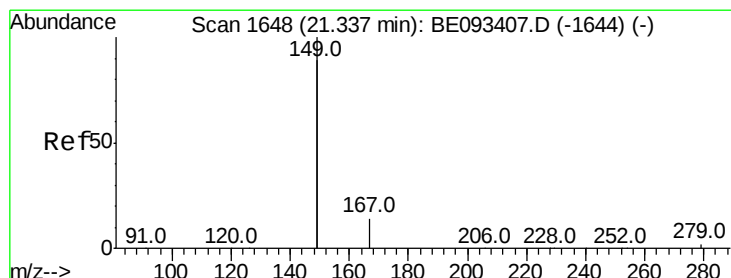
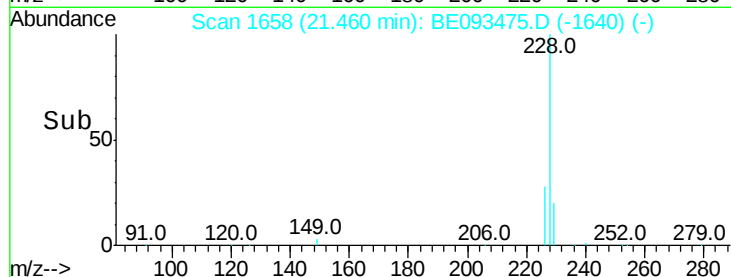
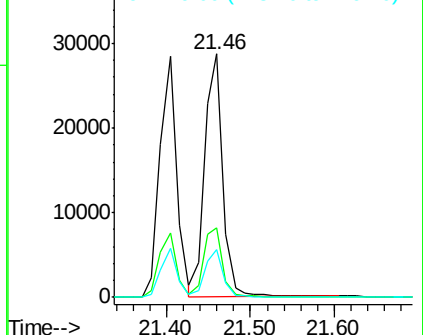


Abundance

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: 0.351 ng

RT: 21.33 min Scan# 1646

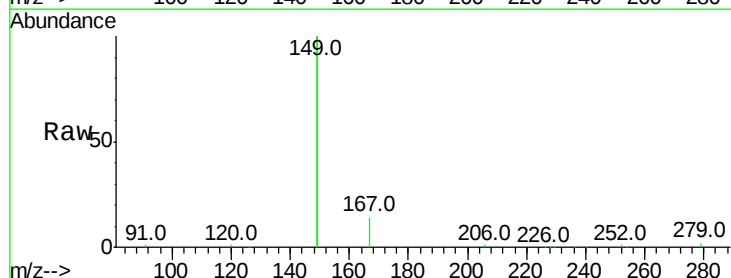
Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Tgt Ion:149 Resp: 53392

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#

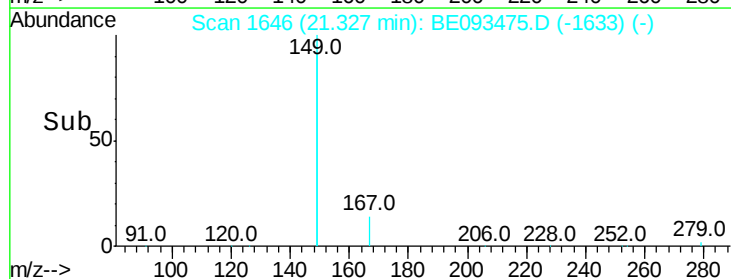
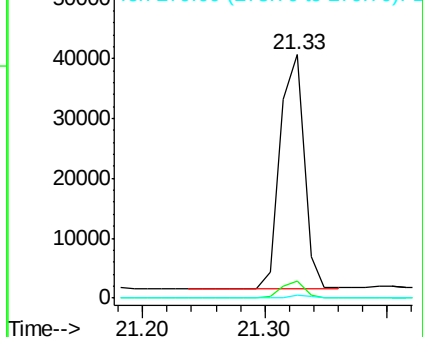


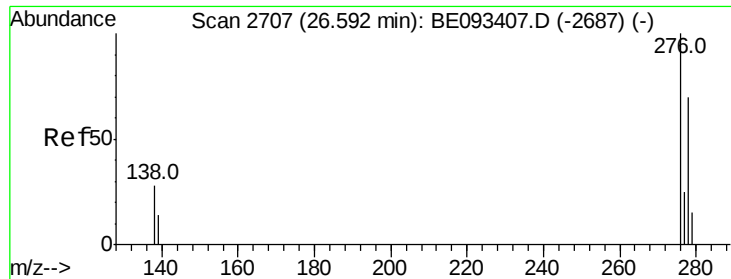
Abundance

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

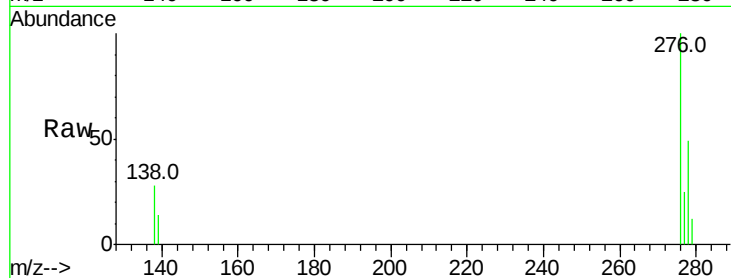




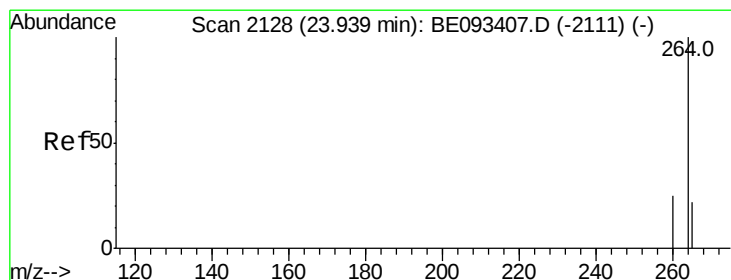
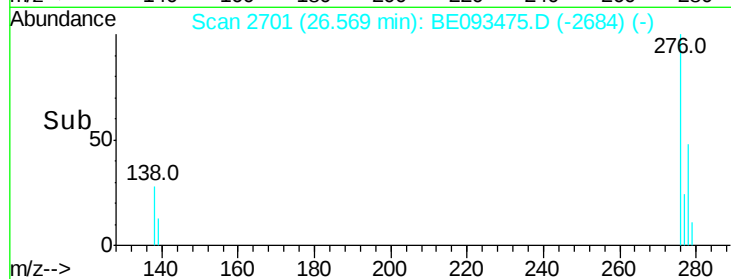
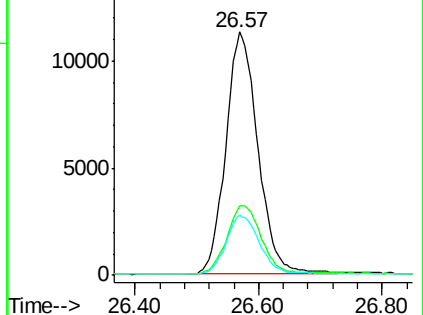
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.420 ng
 RT: 26.57 min Scan# 2701
 Delta R.T. -0.02 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 40705
 Ion Ratio Lower Upper
 276 100
 138 30.0 27.4 41.2
 277 25.1 20.1 30.1

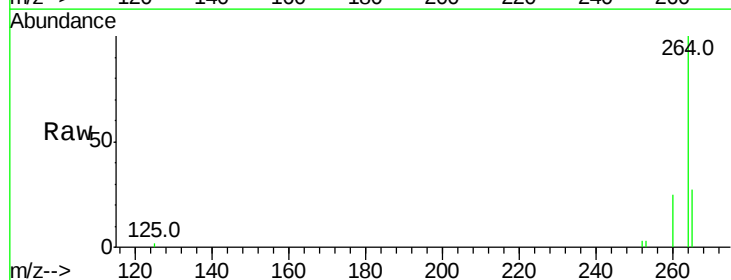


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

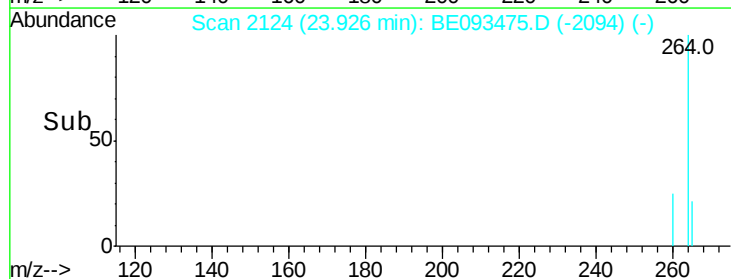
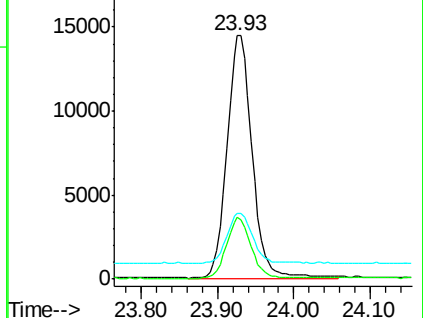


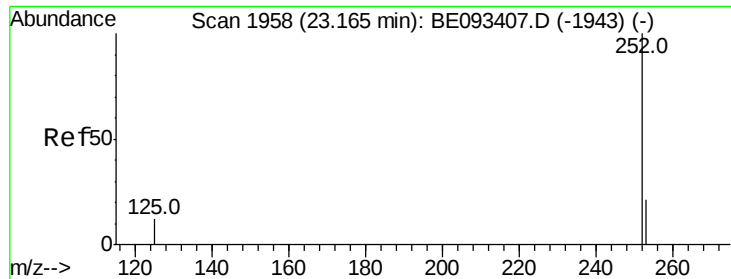
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BE093475.D
 Acq: 14 Jul 2017 18:37

Tgt Ion:264 Resp: 33164
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.0 31.4
 265 27.2 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: 0.387 ng

RT: 23.16 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :

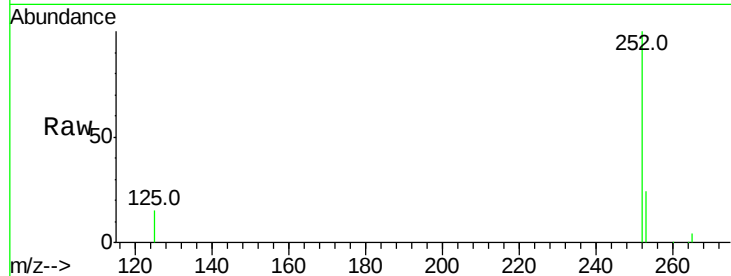
Tot Ion:252 Resp: 41468

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

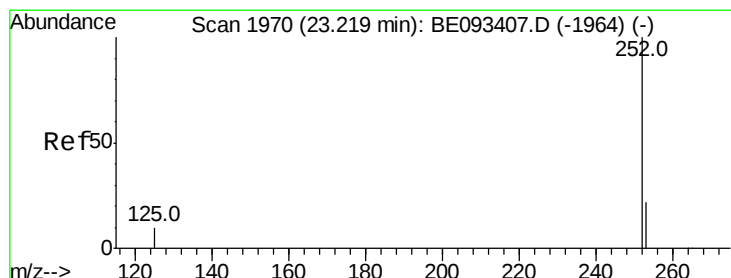
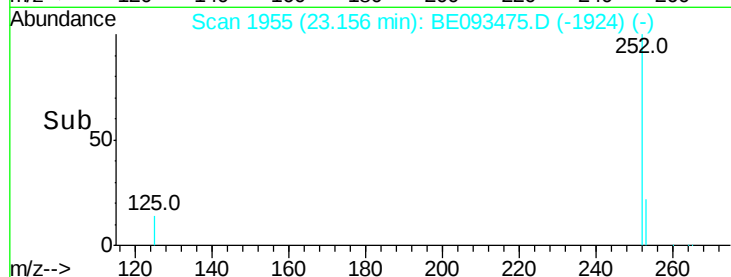
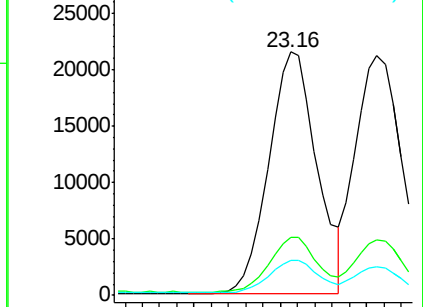
125 14.6 13.4 20.0



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: 0.391 ng

RT: 23.16 min Scan# 1955

Delta R.T. -0.06 min

Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

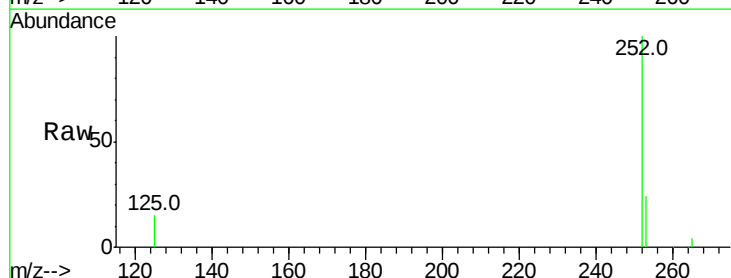
Tgt Ion:252 Resp: 41468

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

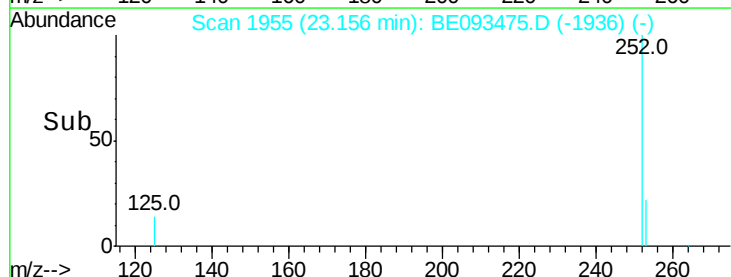
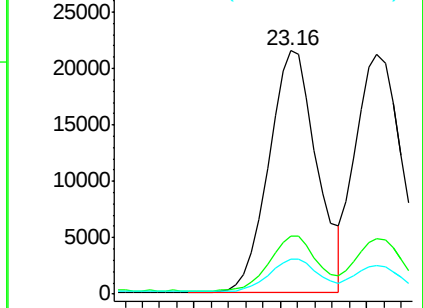
125 14.6 12.2 18.4

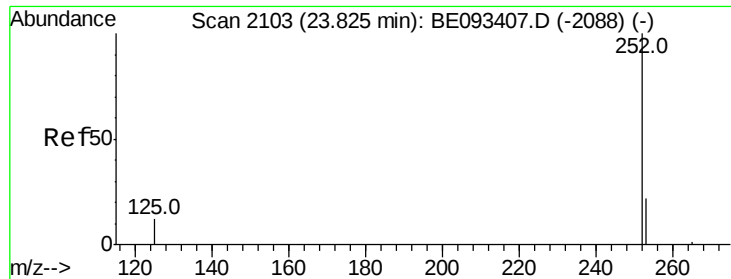


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

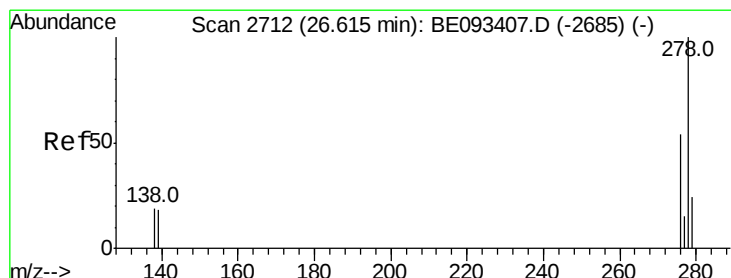
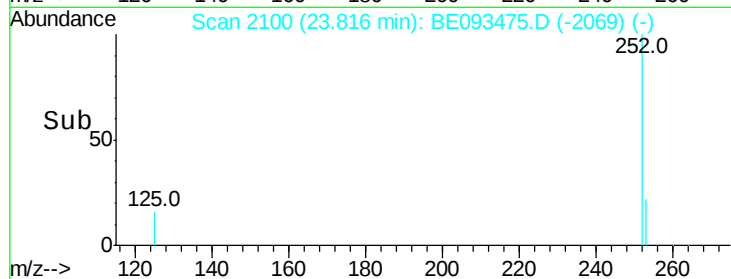
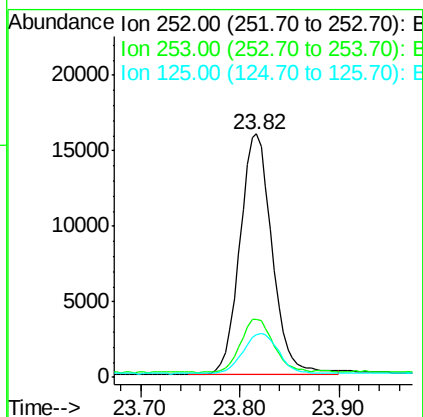
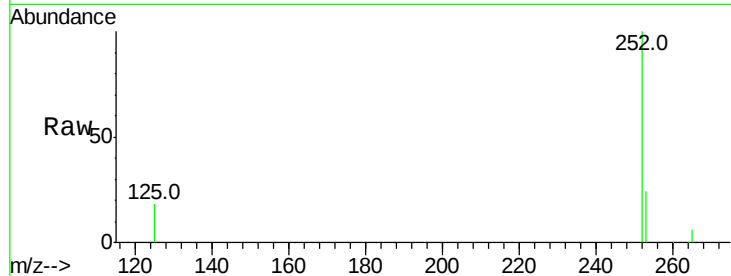




#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.82 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

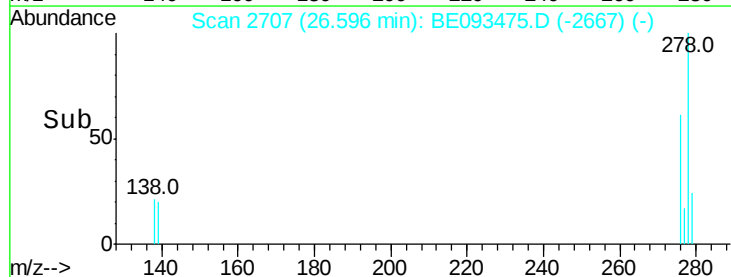
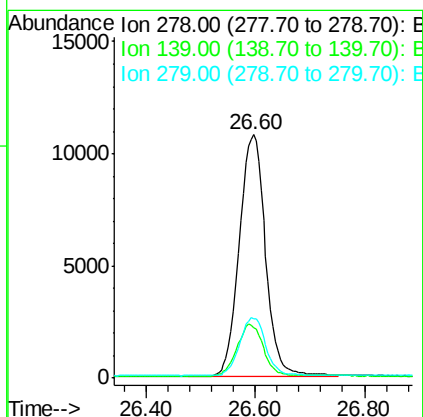
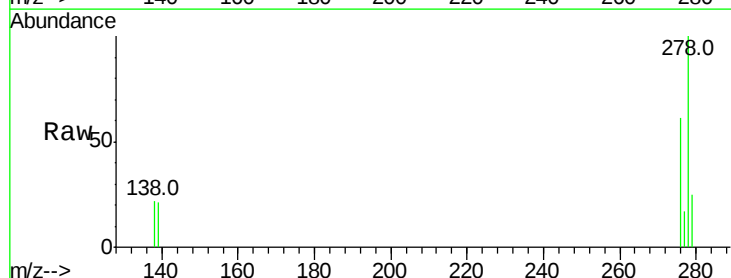
Instrument :
BNA_E
ClientSampleId :

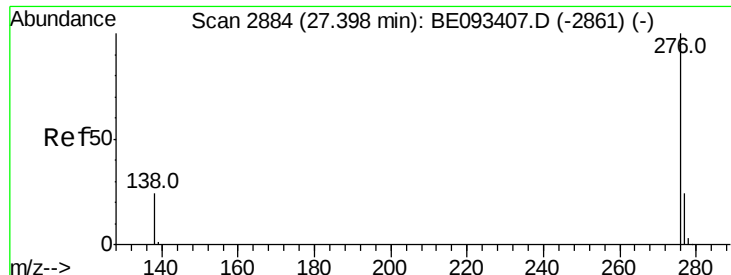
Tot Ion:252 Resp: 36206
Ion Ratio Lower Upper
252 100
253 23.9 19.9 29.9
125 17.7 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.60 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:278 Resp: 36275
Ion Ratio Lower Upper
278 100
139 20.7 21.4 32.0#
279 24.6 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.389 ng

RT: 27.38 min Scan# 2880

Delta R.T. -0.01 min

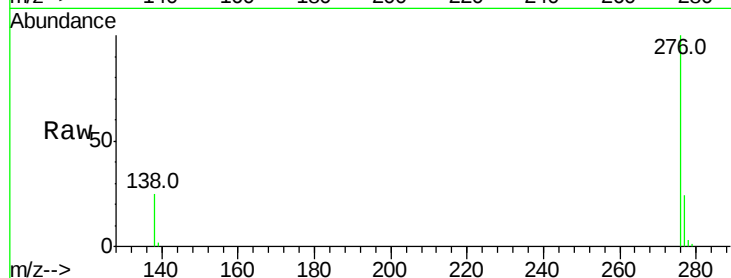
Lab File: BE093475.D

Acq: 14 Jul 2017 18:37

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 35775

Ion Ratio Lower Upper

276 100

277 23.9 21.2 31.8

138 24.9 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

