

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093450.D
 Acq On : 13 Jul 2017 9:00
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc : L00 0.2 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 15:19:40 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	4386	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	23275	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15136	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	31326	0.40	ng	0.00
27) Chrysene-d12	21.42	240	40388	0.40	ng	-0.01
34) Perylene-d12	23.93	264	35599	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	4957	0.37	ng	-0.01
5) Phenol-d6	7.10	99	7874	0.40	ng	0.00
8) Nitrobenzene-d5	9.08	82	6354	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	15043	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1322	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	22567	0.38	ng	0.00
25) Fluoranthene-d10	19.28	212	165690	0.44	ng	0.00
29) Terphenyl-d14	19.87	244	29504	0.41	ng	0.00

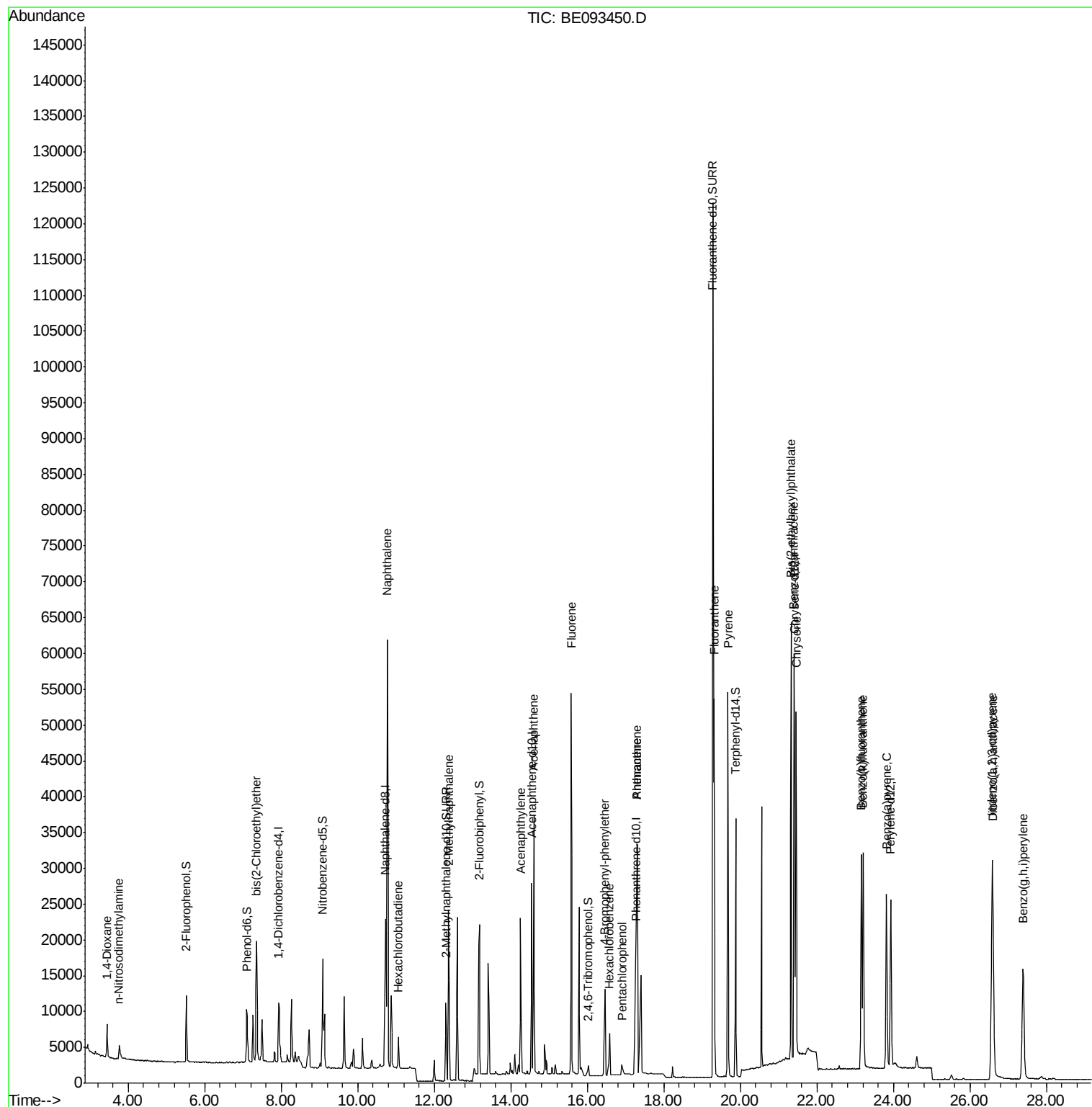
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	3040	0.327	ng	92
3) n-Nitrosodimethylamine	3.75	42	1946	0.411	ng	# 93
6) bis(2-Chloroethyl)ether	7.35	93	5762	0.392	ng	# 100
9) Naphthalene	10.77	128	93968	0.385	ng	# 73
10) Hexachlorobutadiene	11.06	225	3521	0.381	ng	98
12) 2-Methylnaphthalene	12.38	142	16532	0.404	ng	98
16) Acenaphthylene	14.26	152	24194	0.384	ng	# 87
17) Acenaphthene	14.60	154	17826	0.386	ng	97
18) Fluorene	15.58	166	22736	0.359	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	9503	0.553	ng	# 6
21) Hexachlorobenzene	16.58	284	9203	0.496	ng	# 100
22) Pentachlorophenol	16.91	266	1439	0.596	ng	# 77
23) Phenanthrene	17.30	178	47904	0.421	ng	98
24) Anthracene	17.30	178	50289	0.720	ng	98
26) Fluoranthene	19.31	202	46942	0.439	ng	99
28) Pyrene	19.67	202	47741	0.420	ng	# 99
30) Benzo(a)anthracene	21.40	228	43508	0.399	ng	94
31) Chrysene	21.46	228	45642	0.400	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	67368	0.429	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	42626	0.426	ng	95
35) Benzo(b)fluoranthene	23.16	252	43336	0.377	ng	98
36) Benzo(k)fluoranthene	23.21	252	42245	0.371	ng	94
37) Benzo(a)pyrene	23.82	252	39094	0.388	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	37664	0.385	ng	93
39) Benzo(g,h,i)perylene	27.39	276	37782	0.383	ng	91

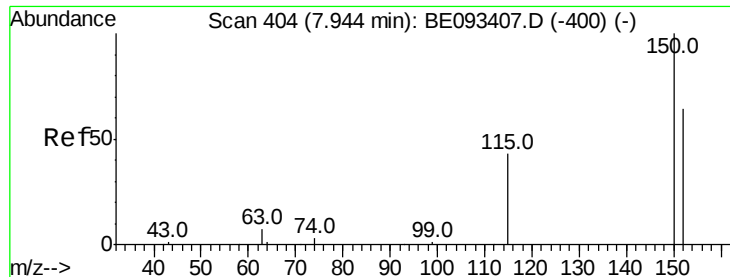
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
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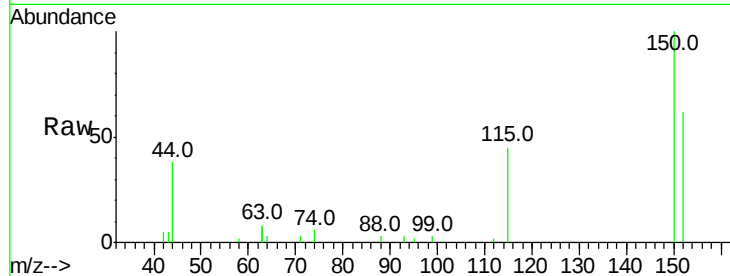


#1

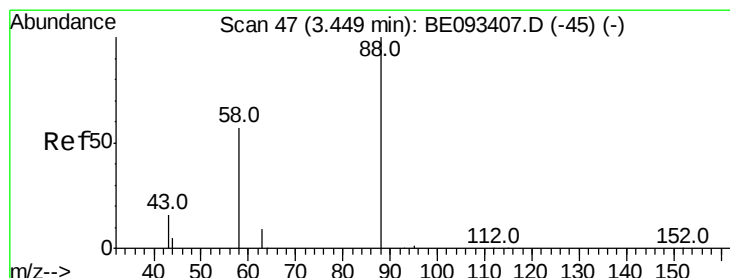
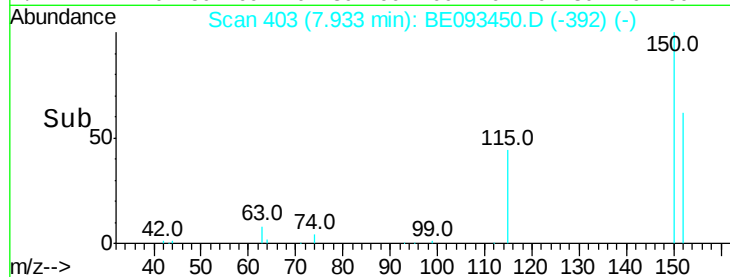
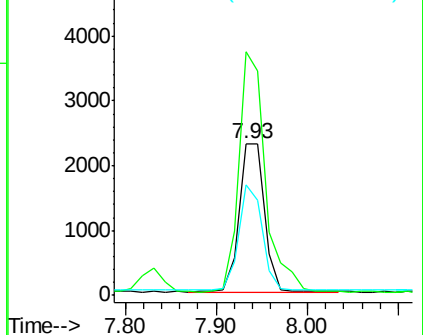
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 4386
Ion Ratio Lower Upper
152 100
150 160.1 125.1 187.7
115 72.6 55.7 83.5



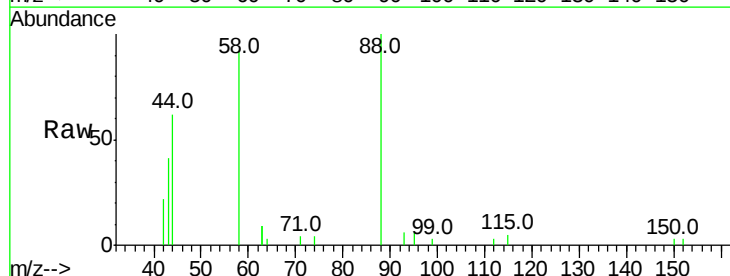
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



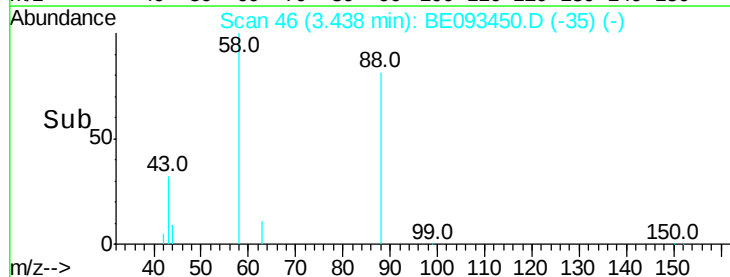
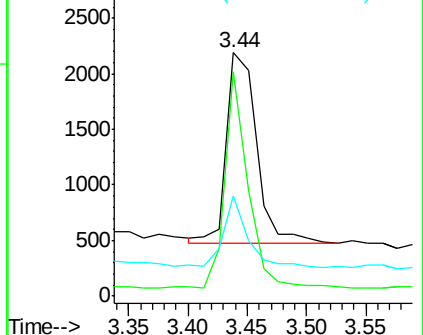
#2

1,4-Dioxane
Concen: 0.327 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.01 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Tgt Ion: 88 Resp: 3040
Ion Ratio Lower Upper
88 100
58 86.4 62.2 93.4
43 30.6 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: 0.411 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

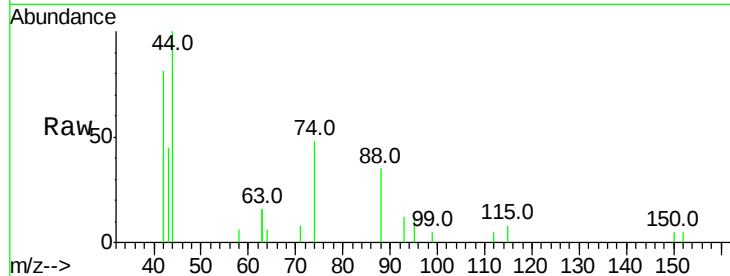
Tot Ion: 42 Resp: 1946

Ion Ratio Lower Upper

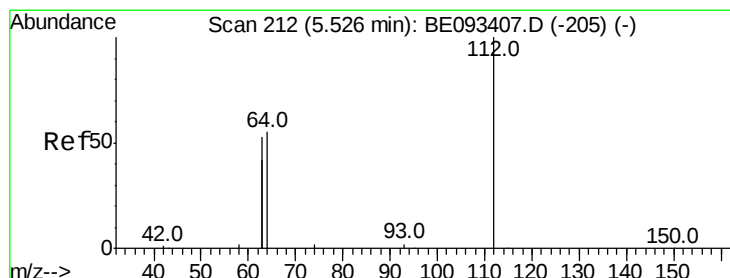
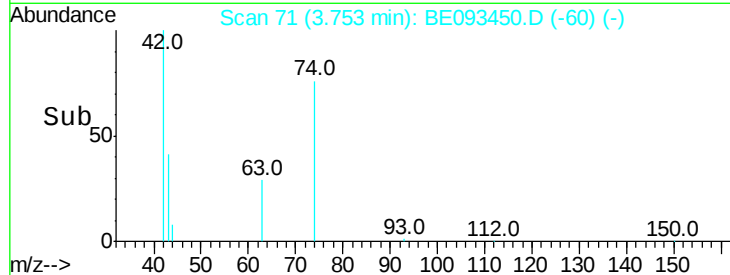
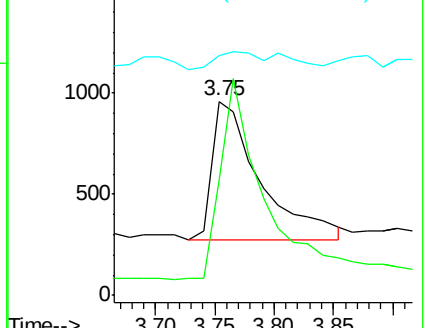
42 100

74 129.5 99.1 148.7

44 19.5 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: 0.374 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

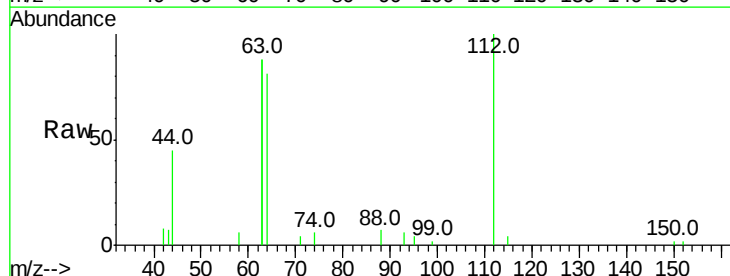
Tgt Ion: 112 Resp: 4957

Ion Ratio Lower Upper

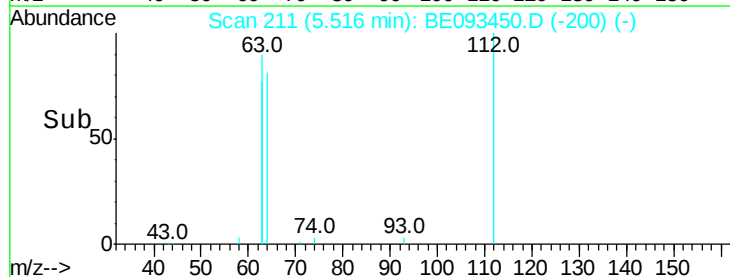
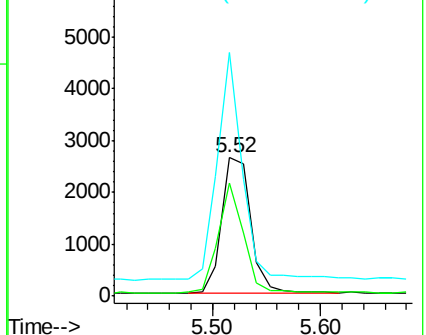
112 100

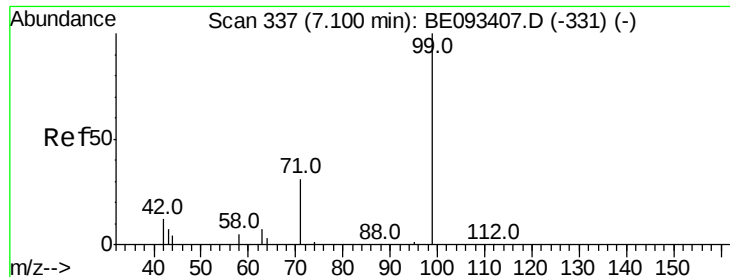
64 69.9 56.4 84.6

63 140.0 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: 0.403 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampled :

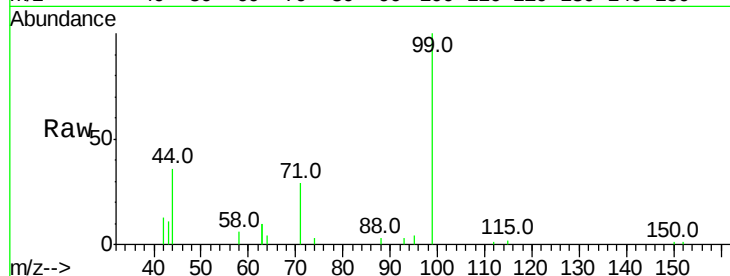
Tot Ion: 99 Resp: 7874

Ion Ratio Lower Upper

99 100

42 19.0 0.0 0.0#

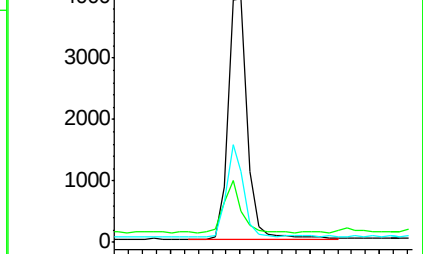
71 33.2 0.0 0.0#



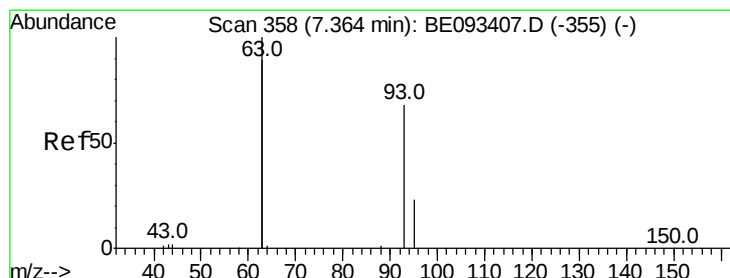
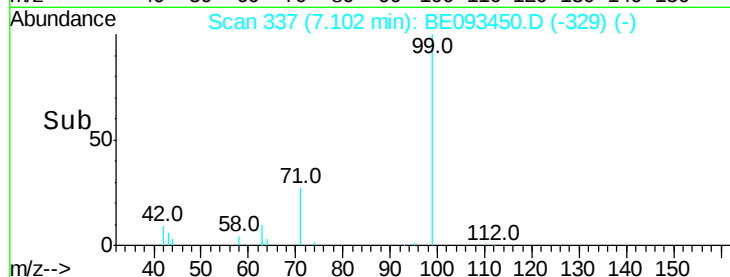
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

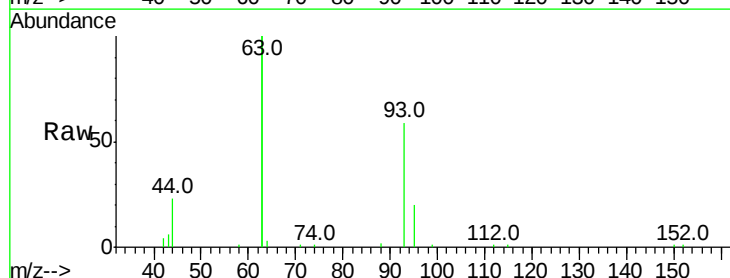
Tgt Ion: 93 Resp: 5762

Ion Ratio Lower Upper

93 100

63 348.5 0.0 0.0#

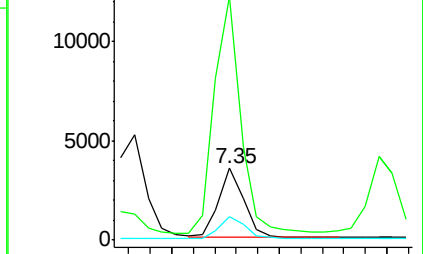
95 31.8 25.4 38.0



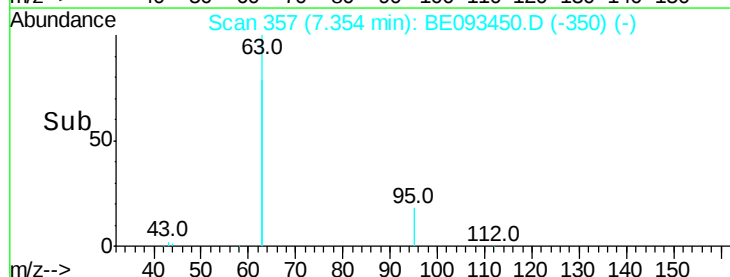
Abundance Ion 93.00 (92.70 to 93.70): BE0

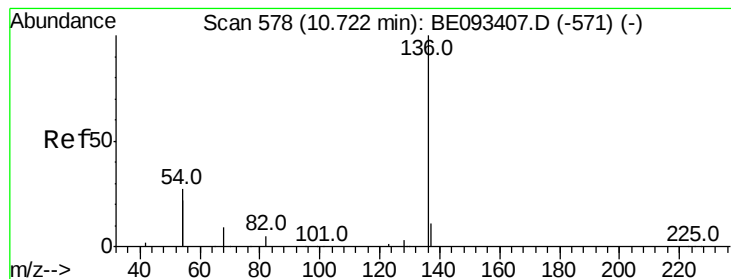
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093450.D

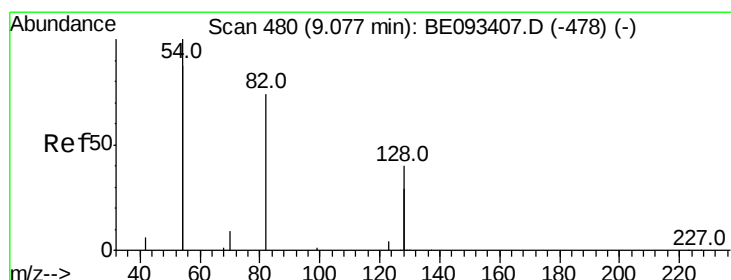
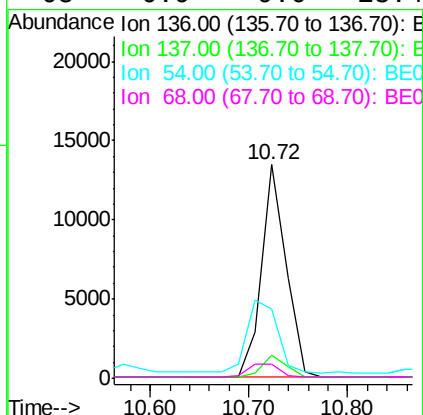
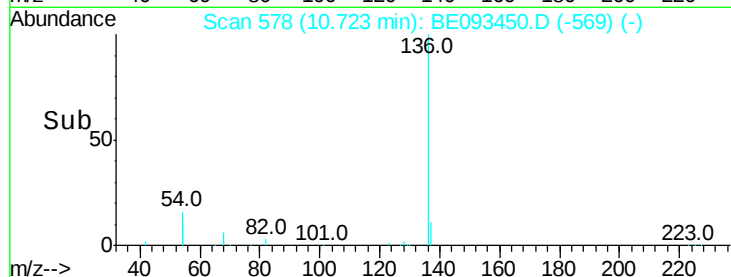
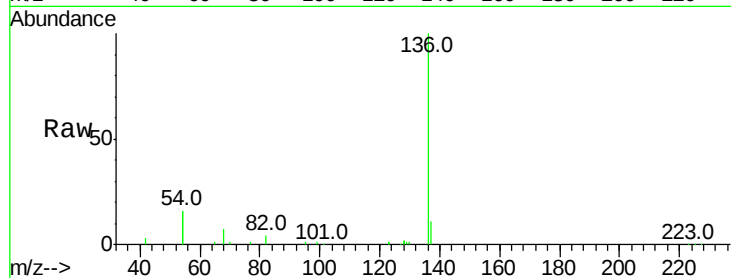
Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	23275
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.8	14.8
54 32.5	10.3	15.5#
68 6.9	9.0	13.4#



#8

Nitrobenzene-d5

Concen: 0.427 ng

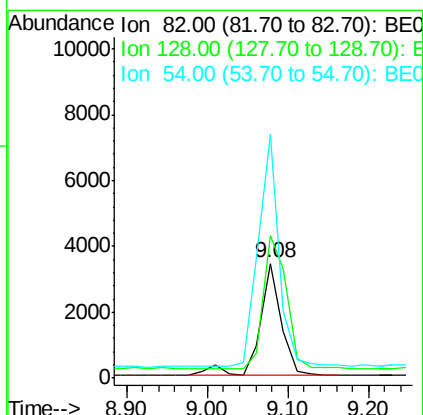
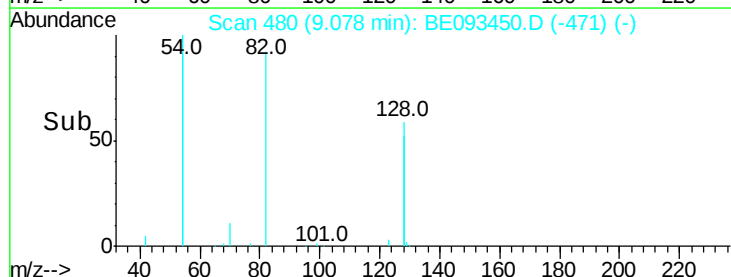
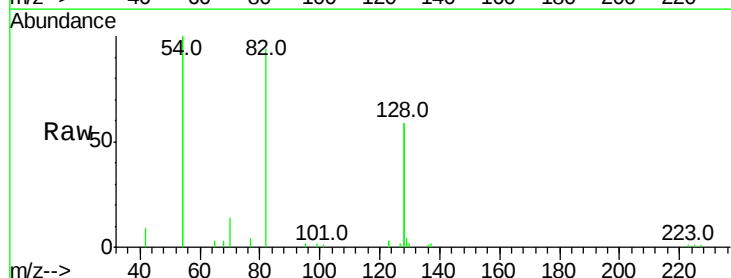
RT: 9.08 min Scan# 480

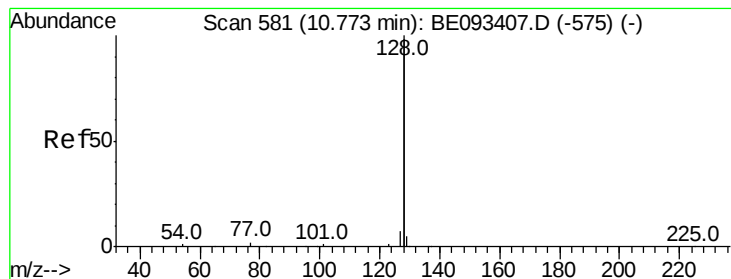
Delta R.T. 0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Tgt Ion: 82	Resp:	6354
Ion Ratio	Lower	Upper
82 100		
128 125.1	17.0	25.4#
54 212.9	53.8	80.6#





#9

Naphthalene

Concen: 0.385 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

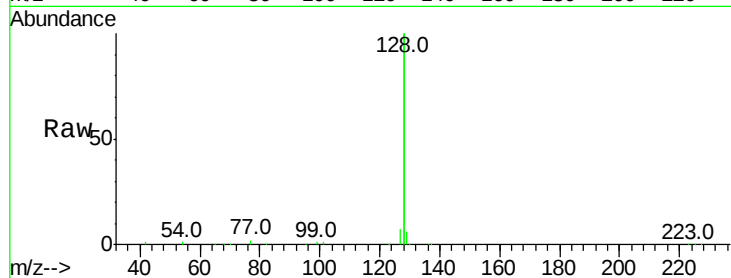
Tot Ion:128 Resp: 93968

Ion Ratio Lower Upper

128 100

129 2.9 11.4 17.0#

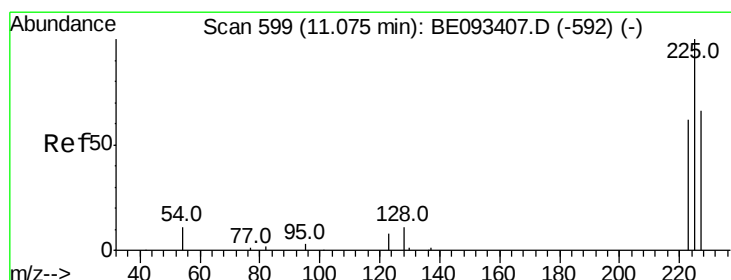
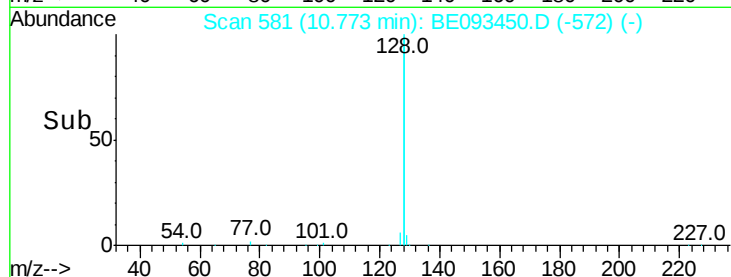
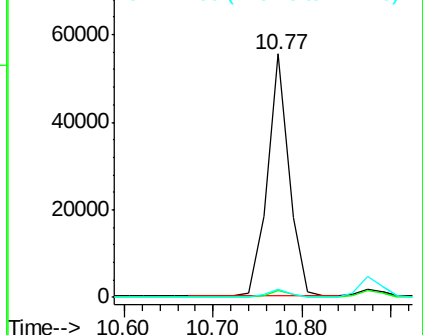
127 3.3 11.2 16.8#



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: 0.381 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

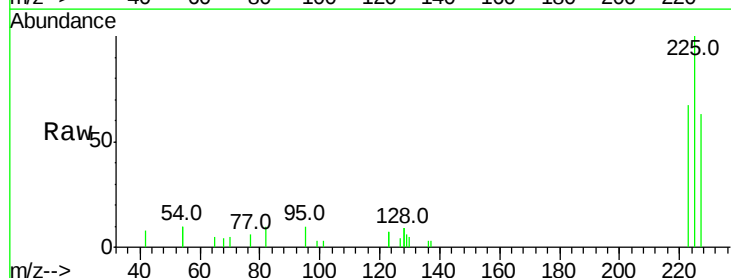
Tgt Ion:225 Resp: 3521

Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

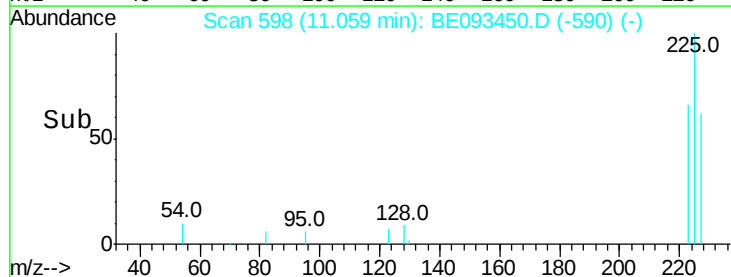
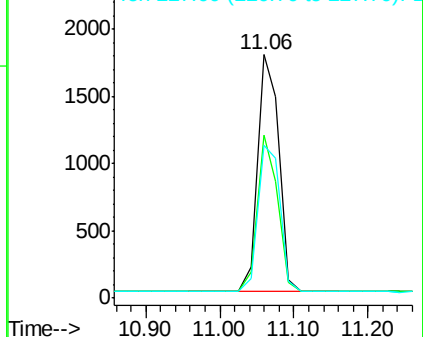
227 64.7 50.3 75.5

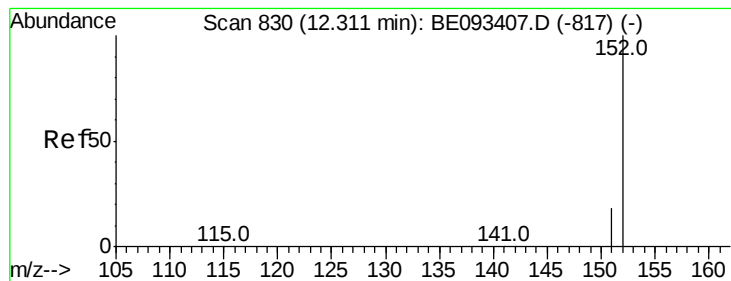


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

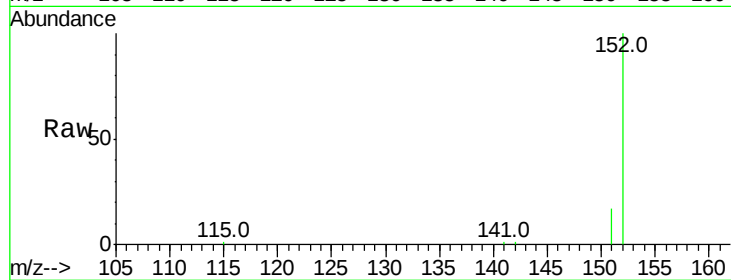
ClientSampled :

Tot Ion:152 Resp: 15043

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

10000

8000

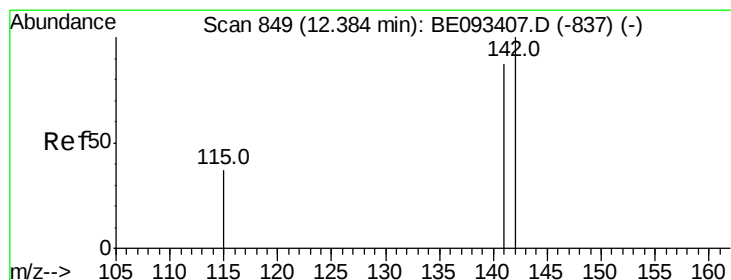
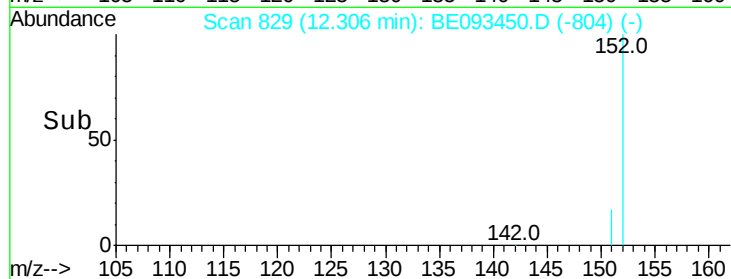
6000

4000

2000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

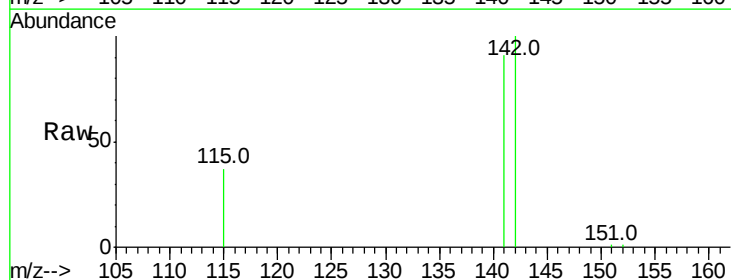
Tgt Ion:142 Resp: 16532

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8

115 37.4 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

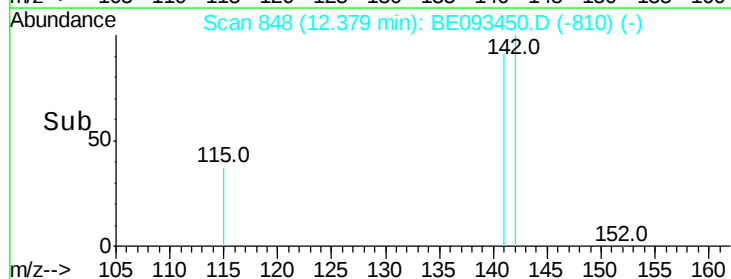
12.38

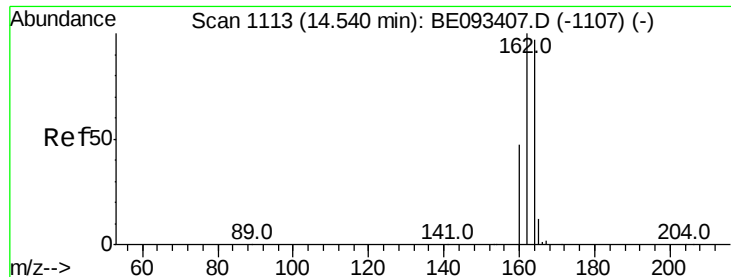
10000

5000

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampled :

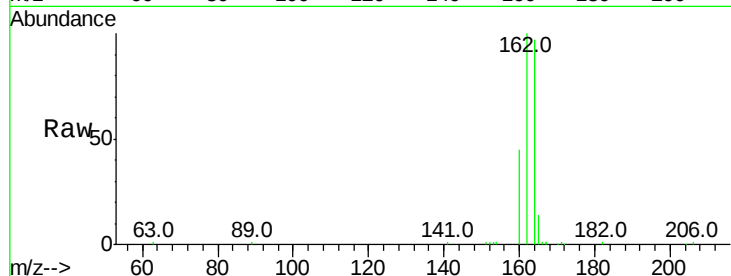
Tot Ion:164 Resp: 15136

Ion Ratio Lower Upper

164 100

162 102.9 84.6 127.0

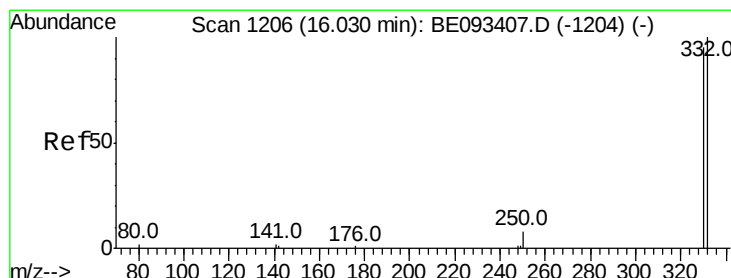
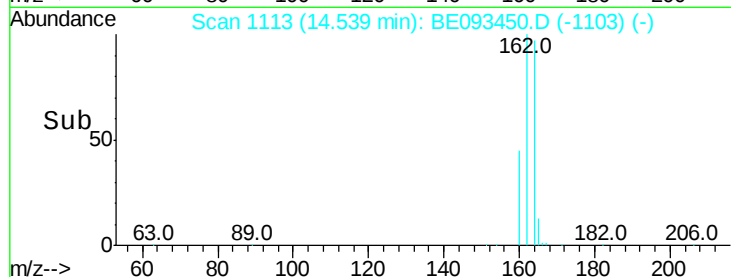
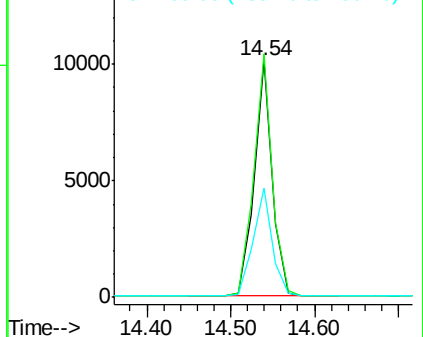
160 46.4 41.8 62.6



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: 0.278 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

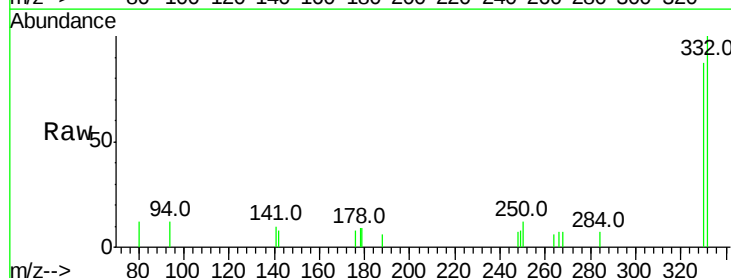
Tgt Ion:330 Resp: 1322

Ion Ratio Lower Upper

330 100

332 114.2 77.7 116.5

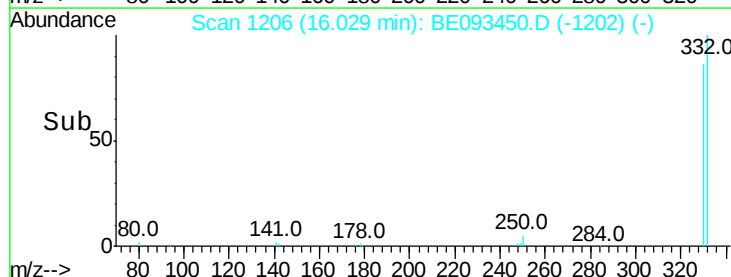
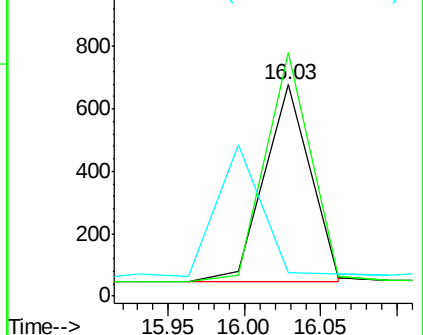
141 0.0 56.2 84.4#

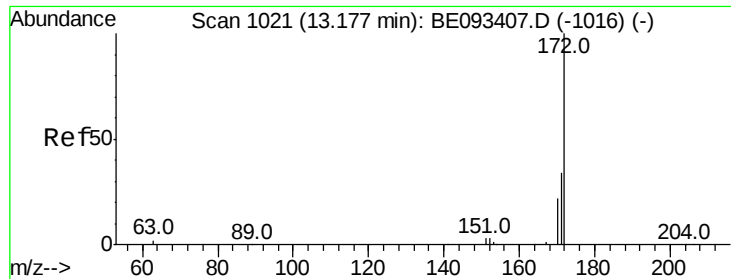


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

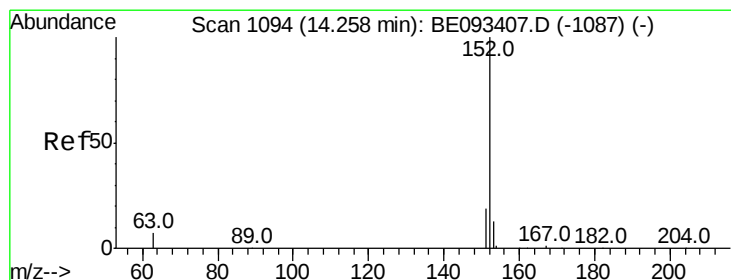
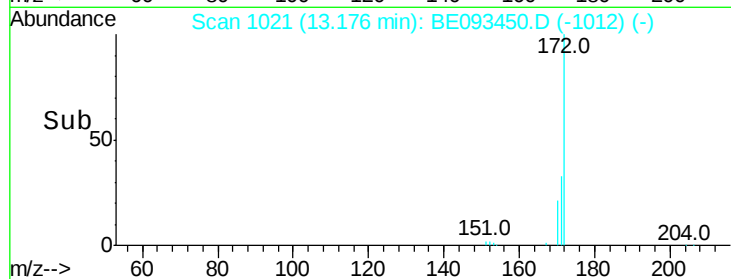
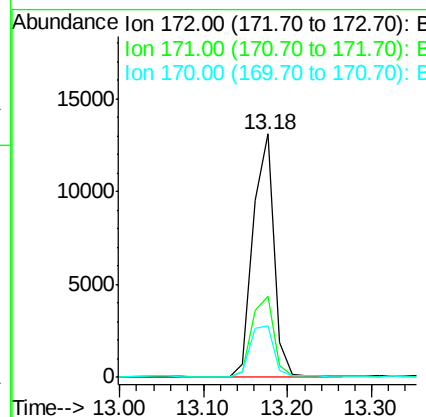
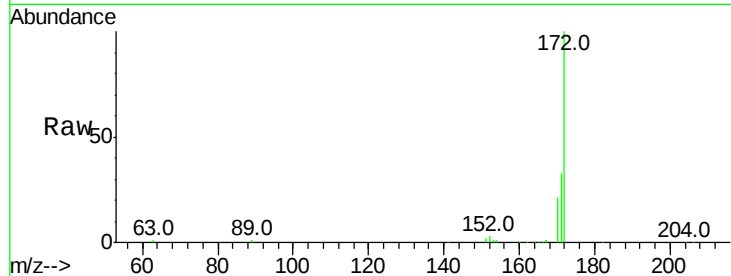




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

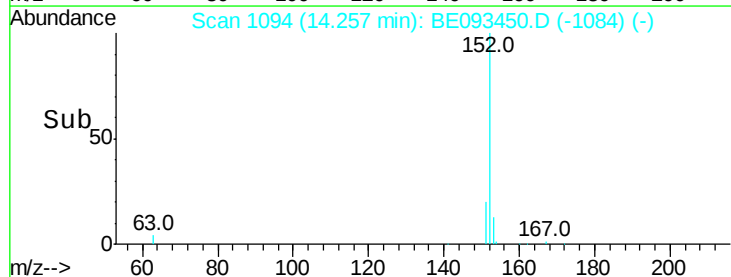
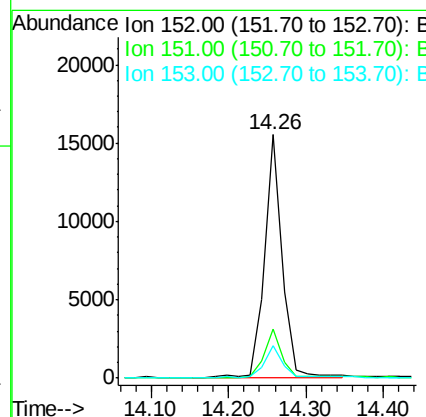
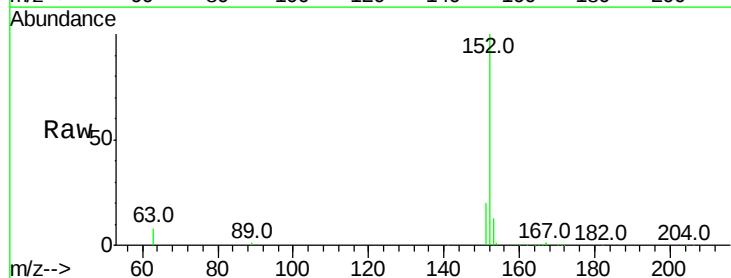
Instrument :
BNA_E
ClientSampleId :

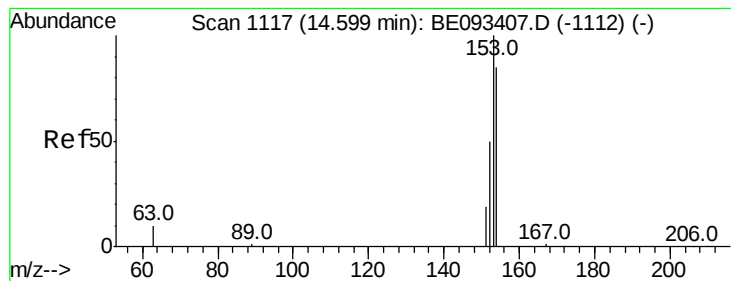
Tot Ion:172 Resp: 22567
Ion Ratio Lower Upper
172 100
171 33.4 29.8 44.6
170 21.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Tgt Ion:152 Resp: 24194
Ion Ratio Lower Upper
152 100
151 19.7 4.0 6.0#
153 12.7 10.3 15.5





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.60 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

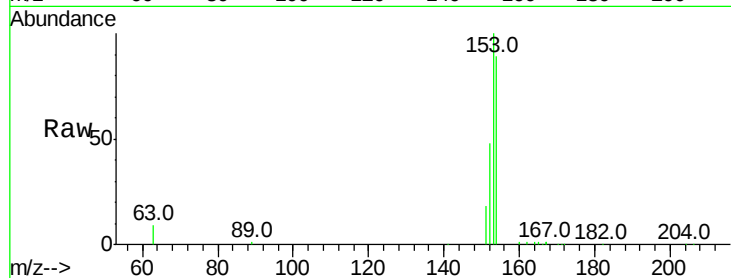
Tot Ion:154 Resp: 17826

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

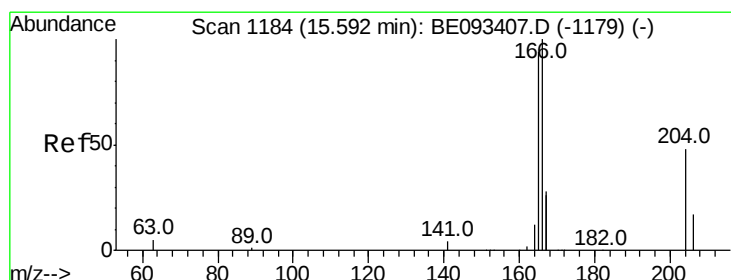
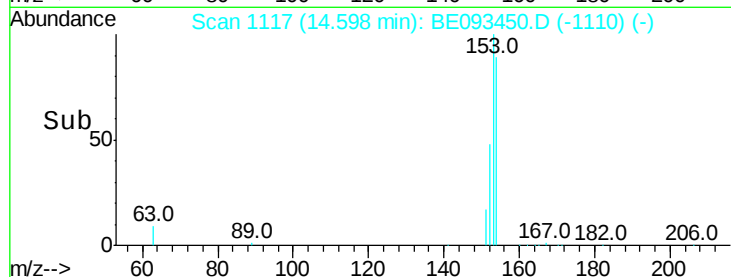
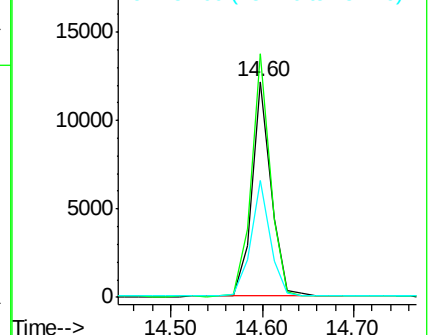
152 53.6 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.359 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

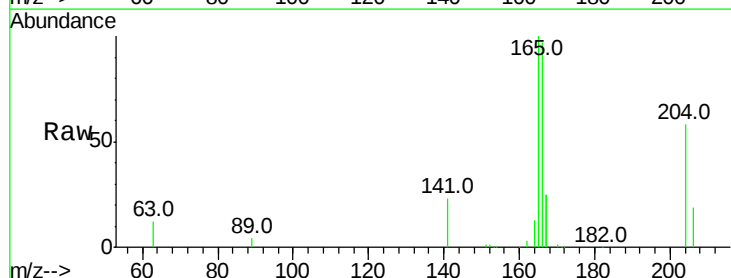
Tgt Ion:166 Resp: 22736

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

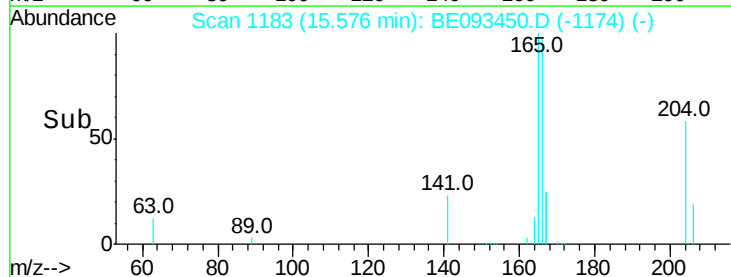
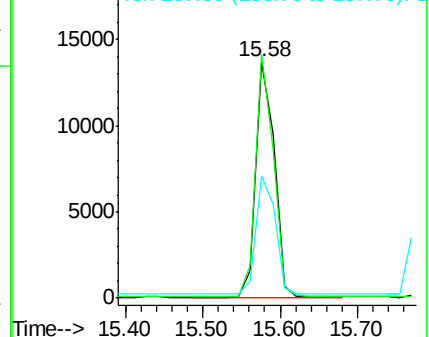
167 52.7 11.1 16.7#

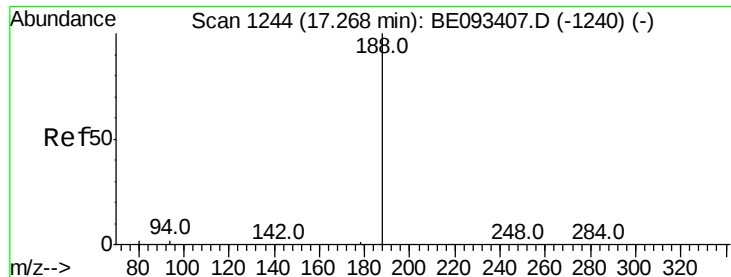


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

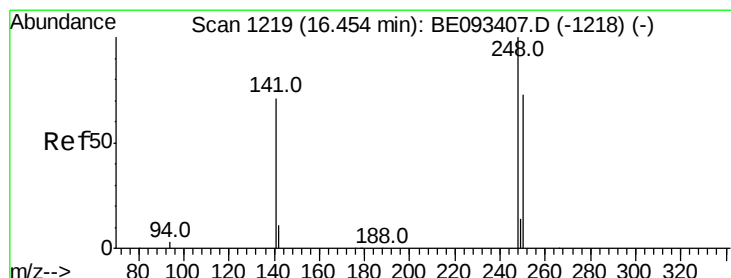
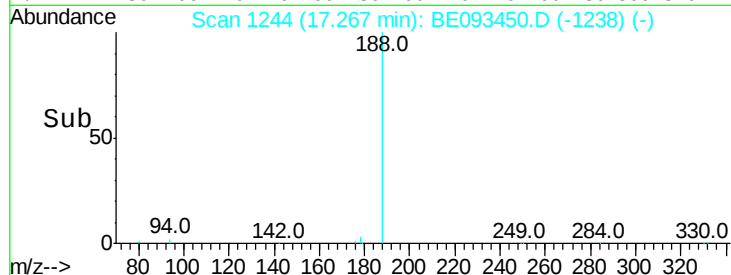
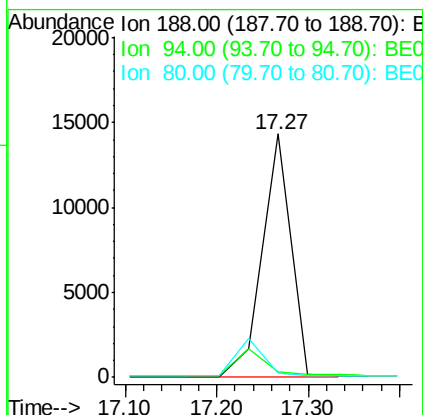
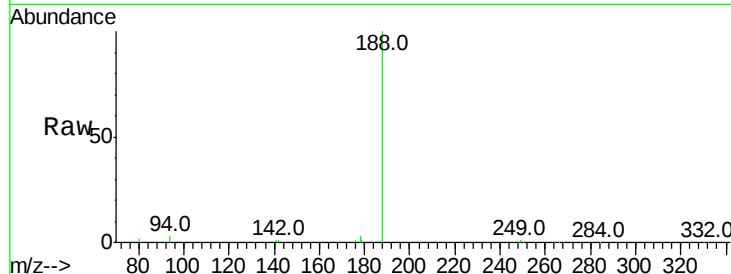




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

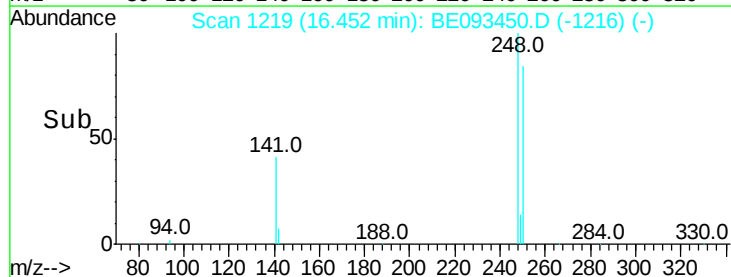
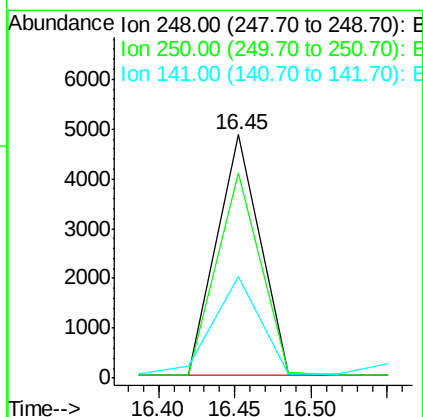
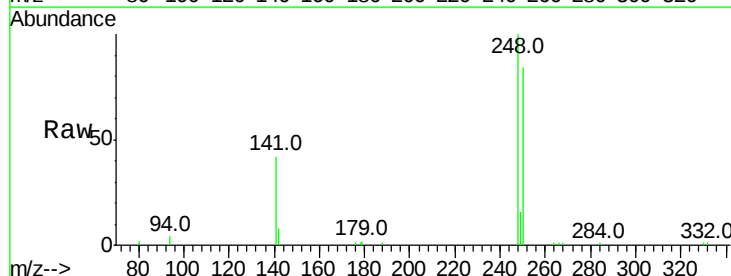
Instrument :
BNA_E
ClientSampleId :

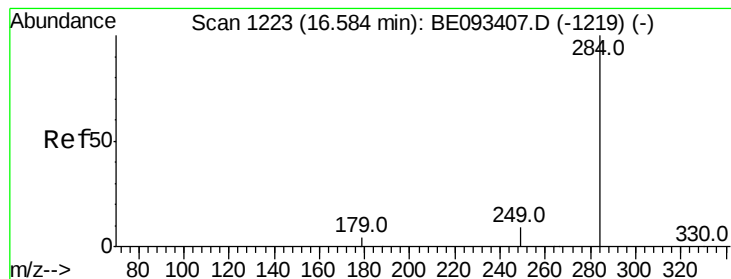
Tot Ion:188 Resp: 31326
Ion Ratio Lower Upper
188 100
94 2.5 11.3 16.9#
80 1.9 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.553 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Tgt Ion:248 Resp: 9503
Ion Ratio Lower Upper
248 100
250 84.5 40.8 61.2#
141 41.8 161.6 242.4#





#21

Hexachlorobenzene

Concen: 0.496 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

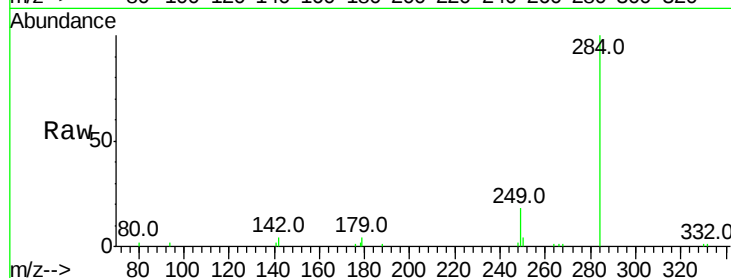
Tot Ion:284 Resp: 9203

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

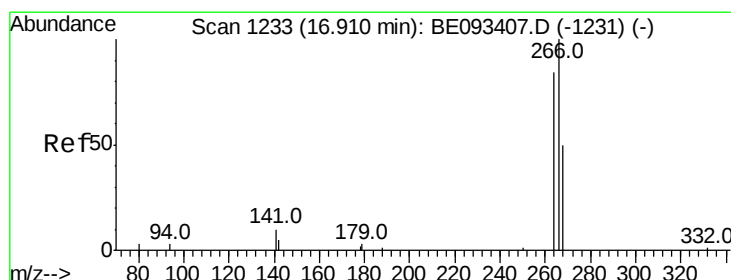
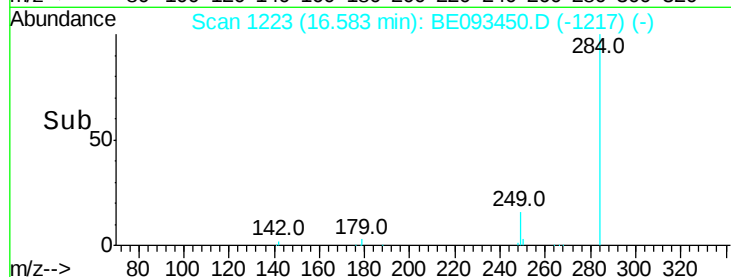
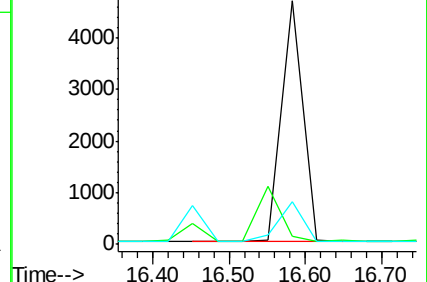
249 18.8 0.0 0.0#



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: 0.596 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

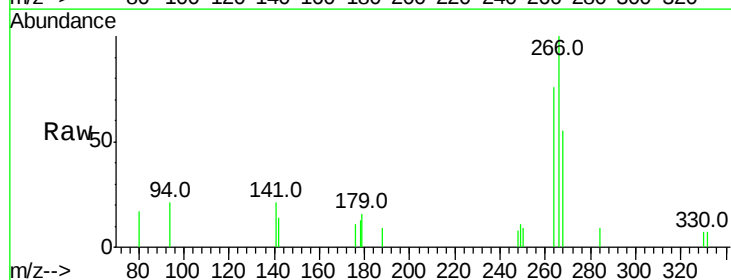
Tgt Ion:266 Resp: 1439

Ion Ratio Lower Upper

266 100

264 76.4 58.2 87.2

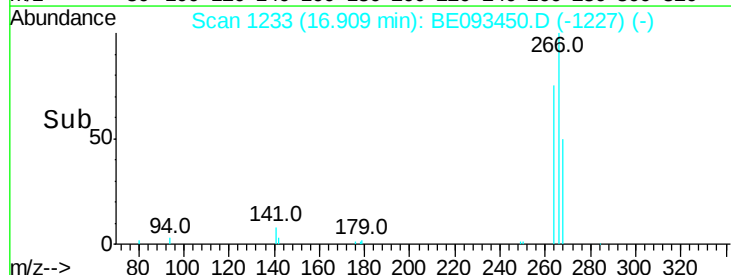
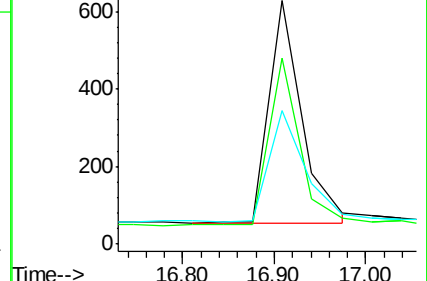
268 54.9 71.9 107.9#

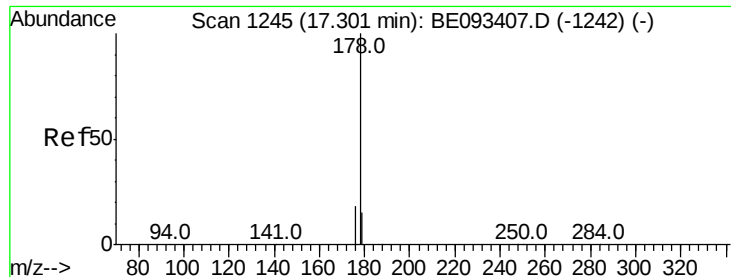


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.421 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

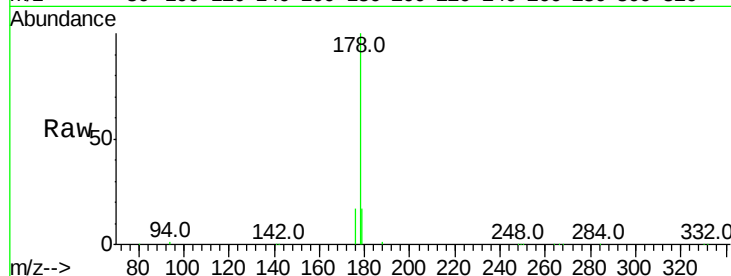
Tot Ion:178 Resp: 47904

Ion Ratio Lower Upper

178 100

176 17.3 15.0 22.4

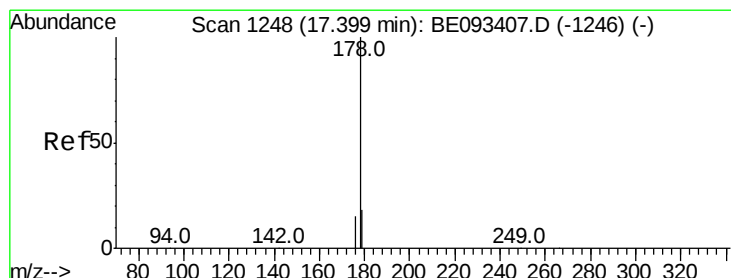
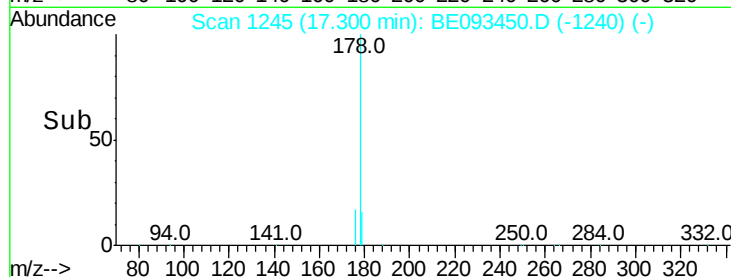
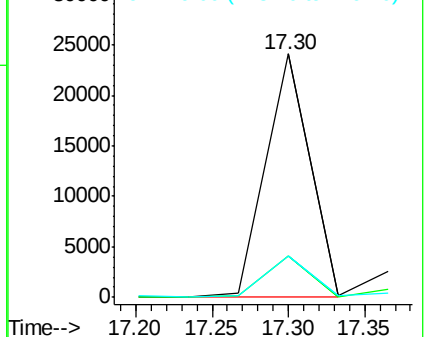
179 16.4 12.7 19.1



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: 0.720 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

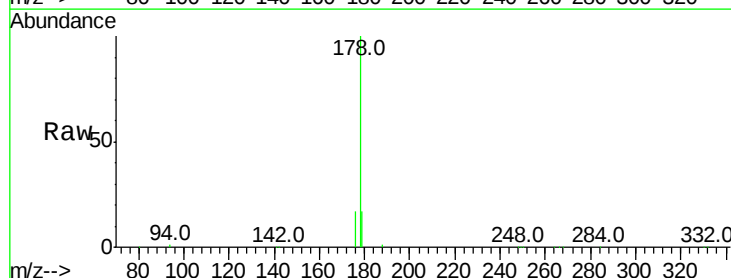
Tgt Ion:178 Resp: 50289

Ion Ratio Lower Upper

178 100

176 17.3 14.6 22.0

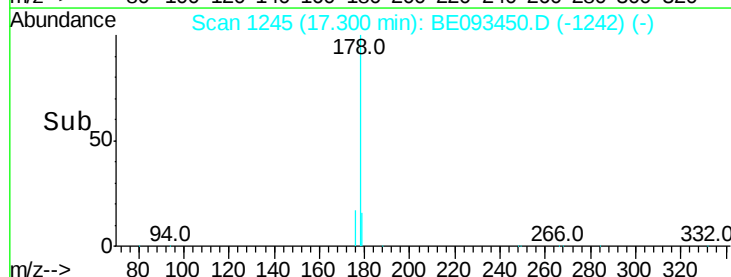
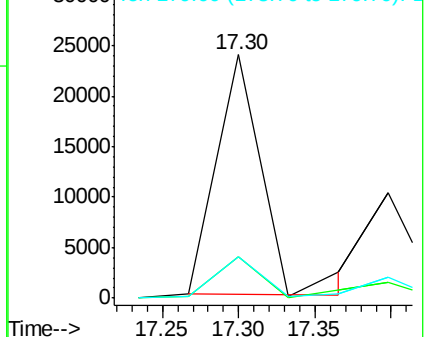
179 15.8 12.0 18.0

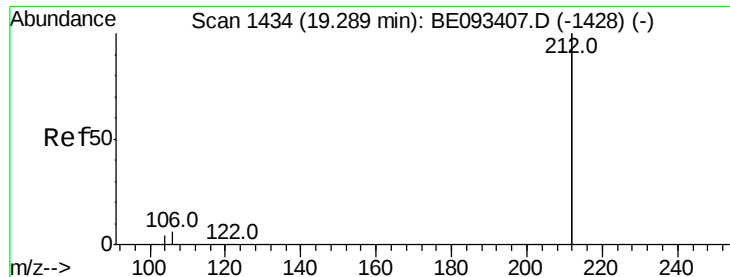


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

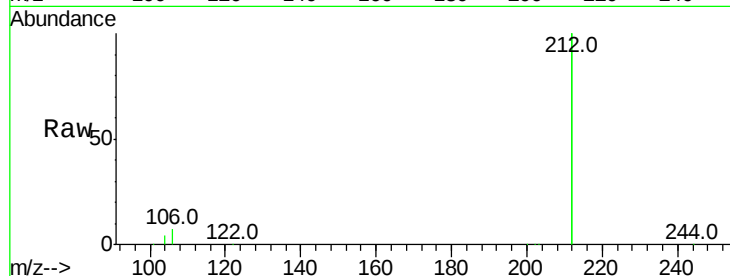
Tot Ion:212 Resp: 165690

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

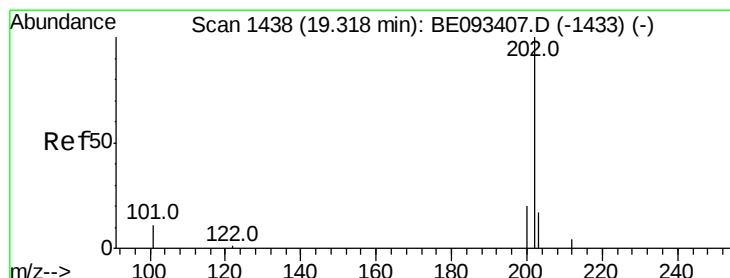
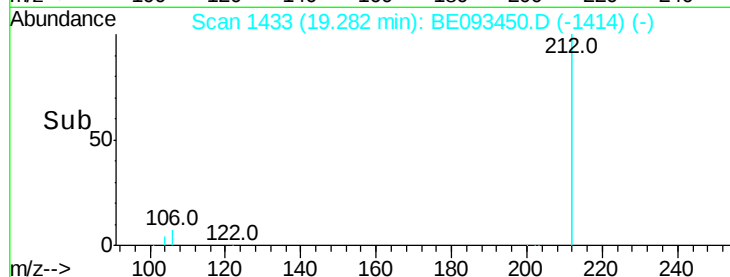
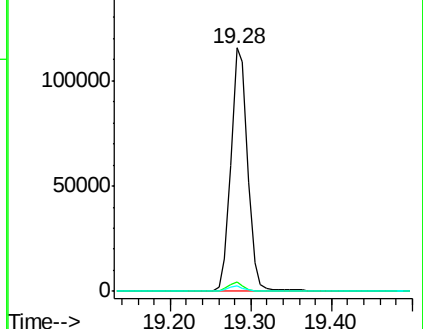
104 2.0 1.6 2.4



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: 0.439 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

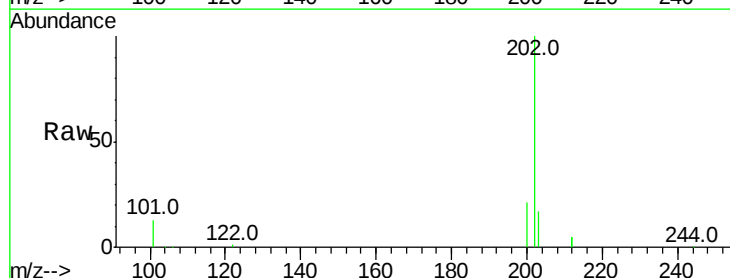
Tgt Ion:202 Resp: 46942

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

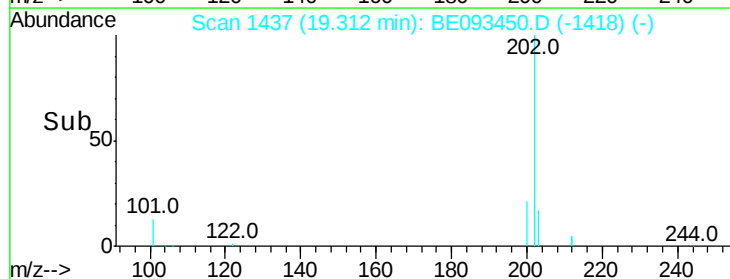
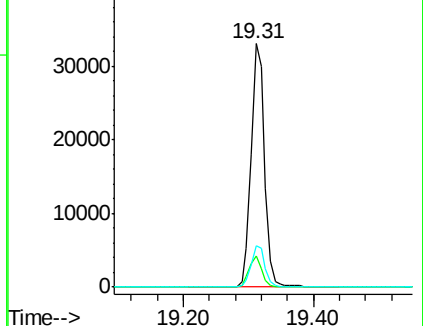
203 17.0 14.4 21.6

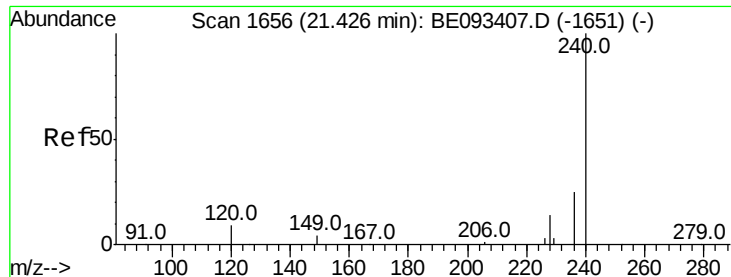


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1655

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

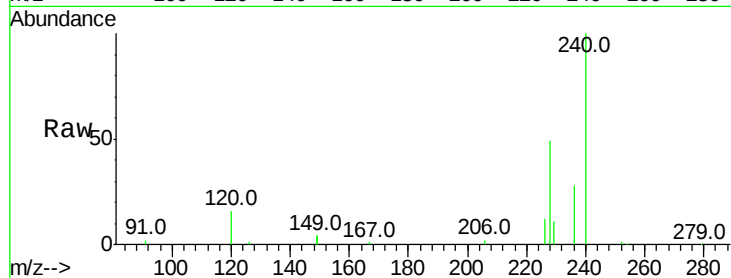
Tot Ion:240 Resp: 40388

Ion Ratio Lower Upper

240 100

120 15.7 4.6 7.0#

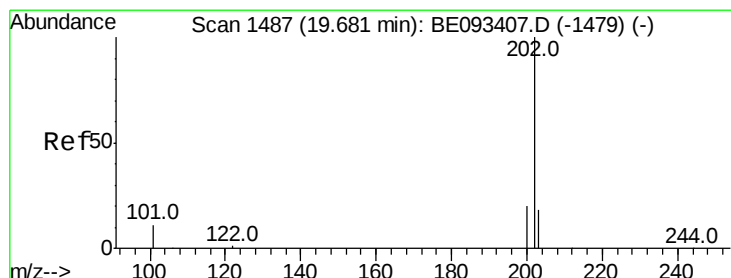
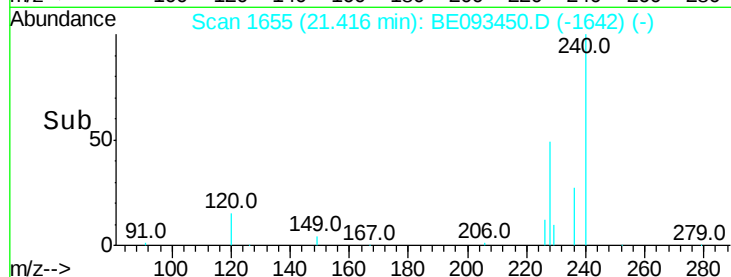
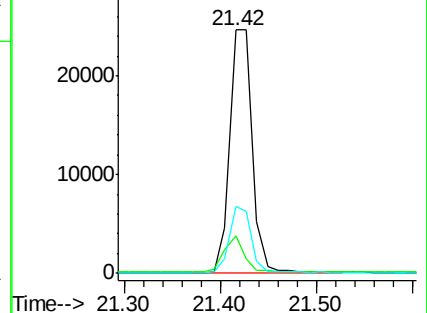
236 27.6 20.8 31.2



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: 0.420 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

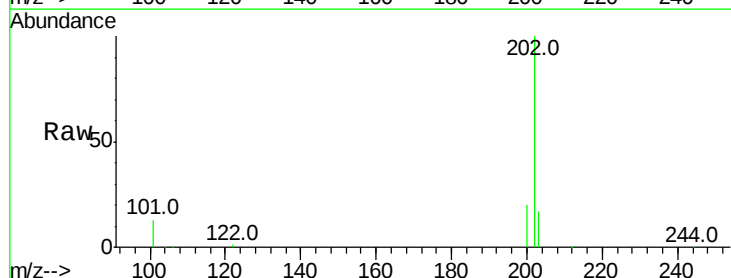
Tgt Ion:202 Resp: 47741

Ion Ratio Lower Upper

202 100

200 20.5 0.0 0.0#

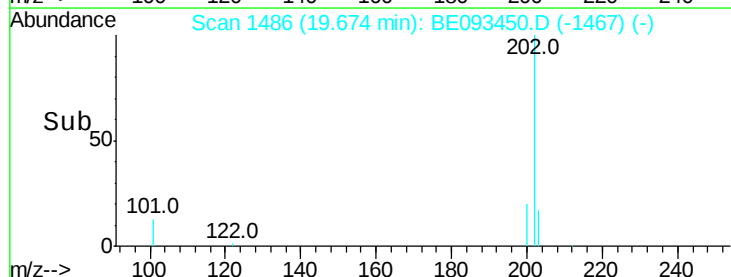
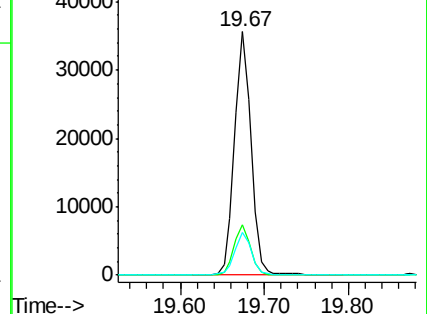
203 17.7 13.7 20.5

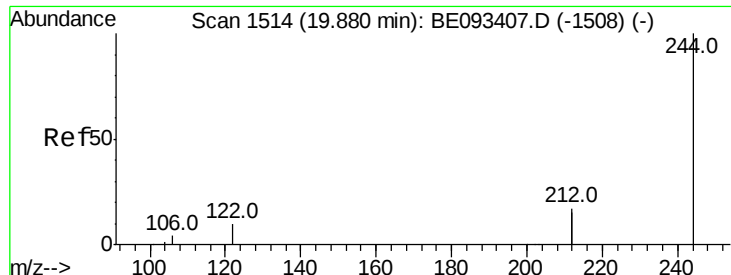


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

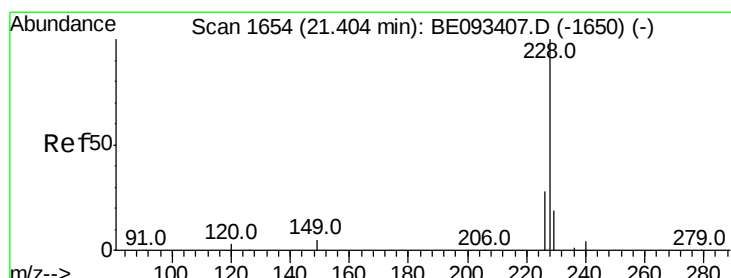
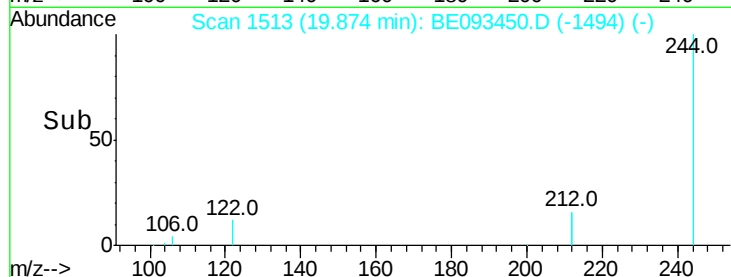
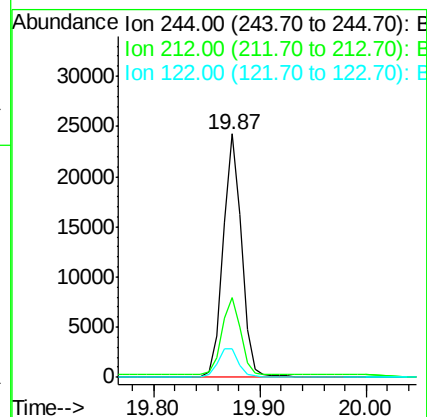
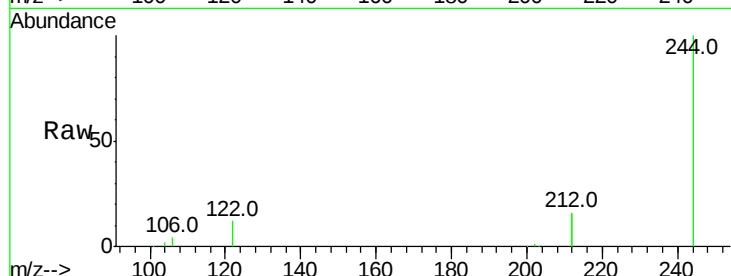
Tot Ion:244 Resp: 29504

Ion Ratio Lower Upper

244 100

212 32.9 10.6 16.0#

122 11.8 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

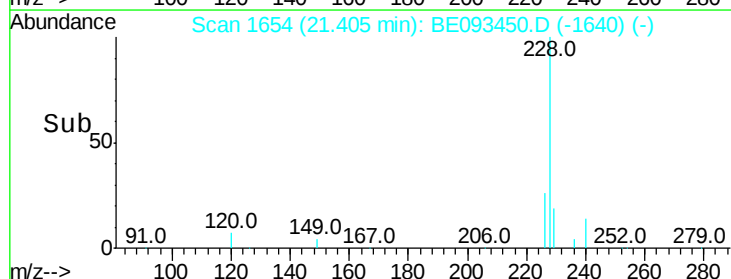
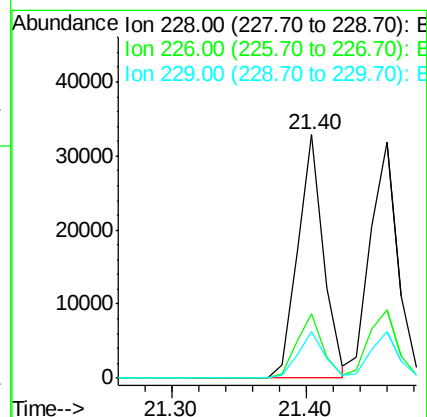
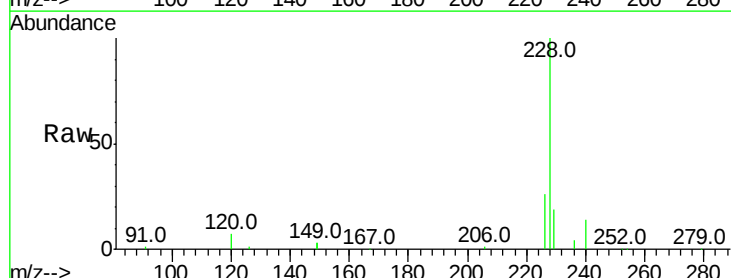
Tgt Ion:228 Resp: 43508

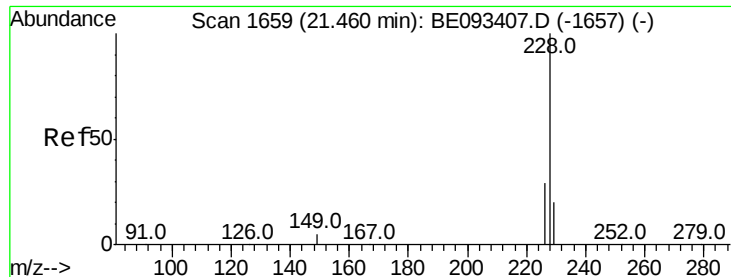
Ion Ratio Lower Upper

228 100

226 26.4 19.7 29.5

229 19.3 19.2 28.8





#31

Chrysene

Concen: 0.400 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

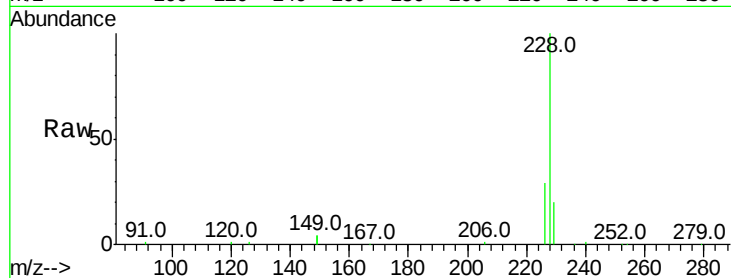
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 45642

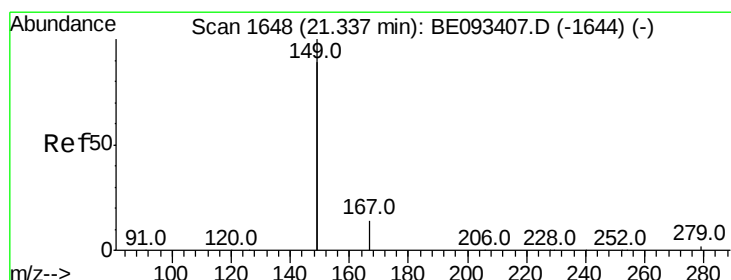
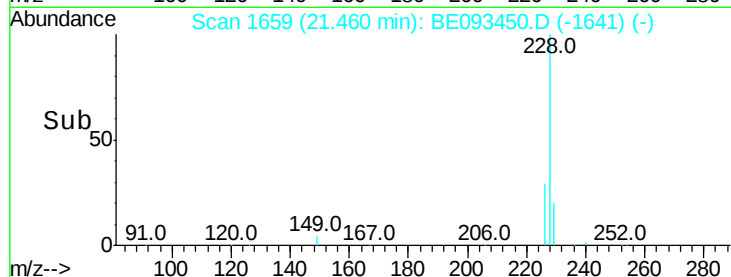
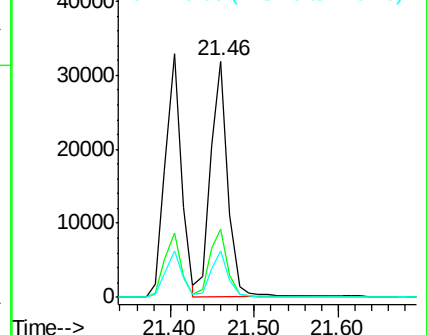
Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.5	32.3
229	19.9	18.6	28.0



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: 0.429 ng

RT: 21.33 min Scan# 1647

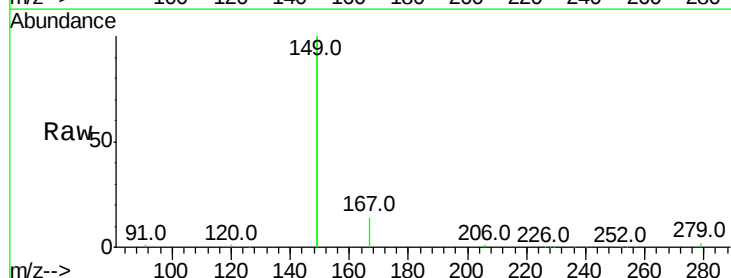
Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Tgt Ion:149 Resp: 67368

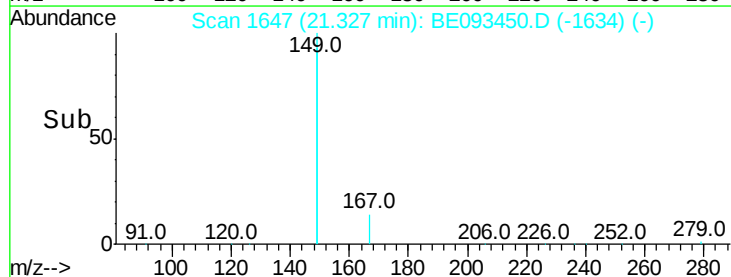
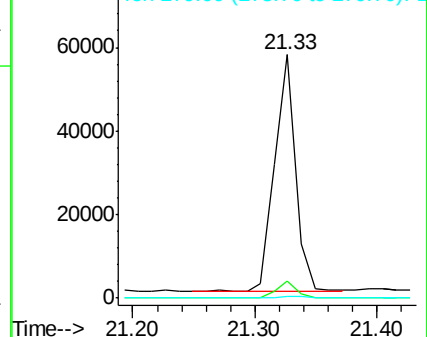
Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.8	2.2	3.4#

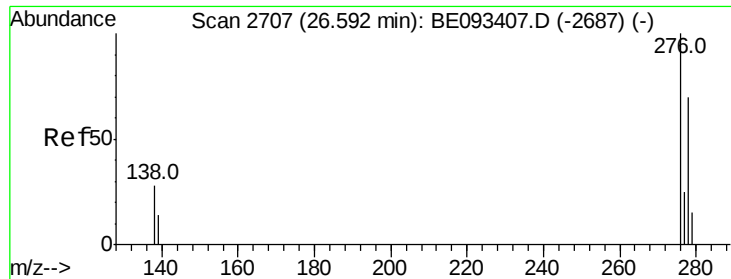


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

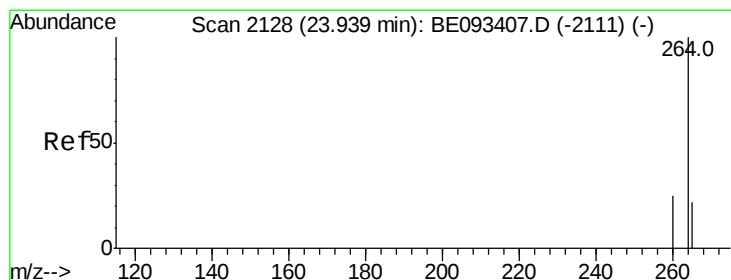
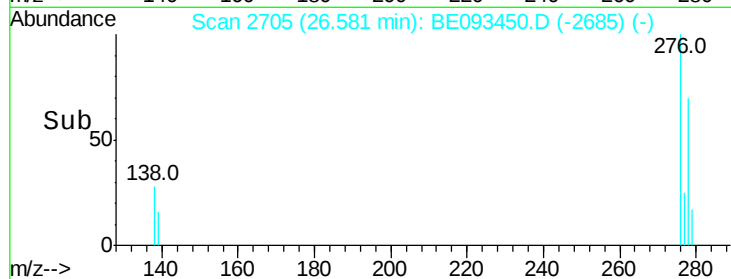
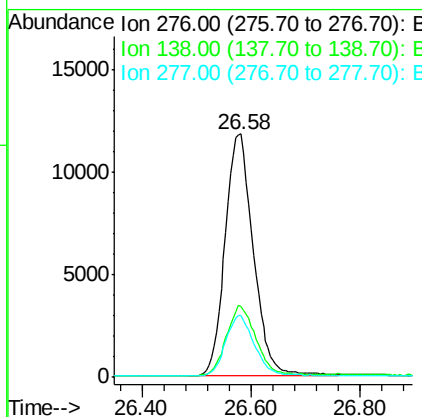
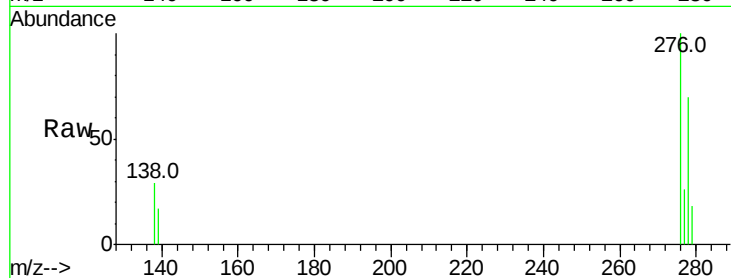




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.426 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BE093450.D
 Acq: 13 Jul 2017 9:00

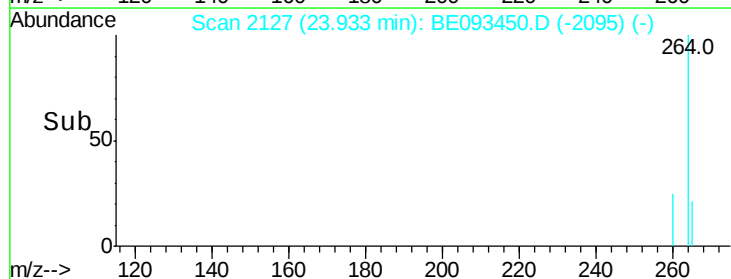
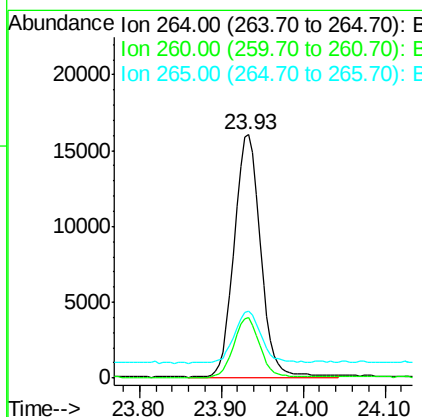
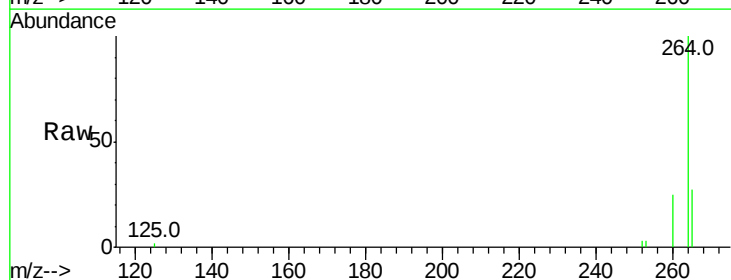
Instrument :
 BNA_E
 ClientSampleId :

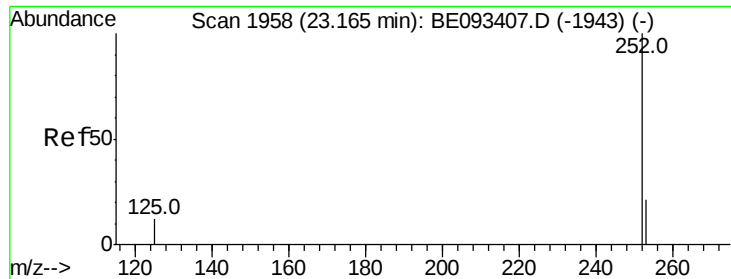
Tot Ion:276 Resp: 42626
 Ion Ratio Lower Upper
 276 100
 138 29.5 27.4 41.2
 277 25.3 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093450.D
 Acq: 13 Jul 2017 9:00

Tgt Ion:264 Resp: 35599
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 27.3 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :

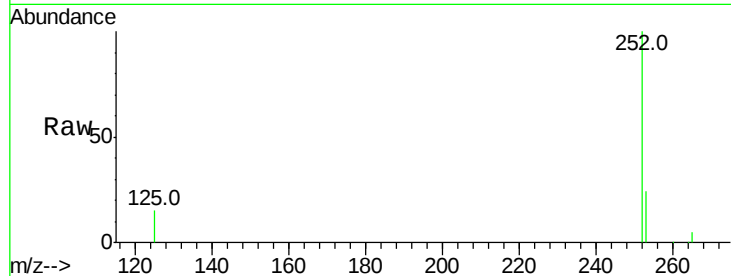
Tot Ion:252 Resp: 43336

Ion Ratio Lower Upper

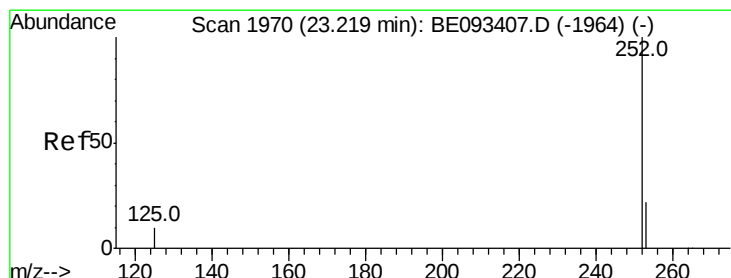
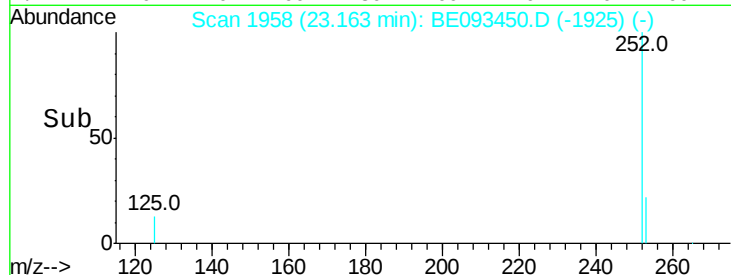
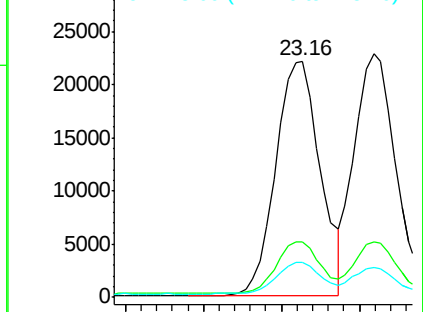
252 100

253 23.6 18.5 27.7

125 14.8 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: 0.371 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

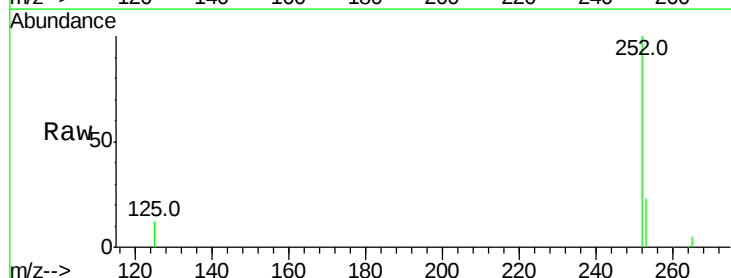
Tgt Ion:252 Resp: 42245

Ion Ratio Lower Upper

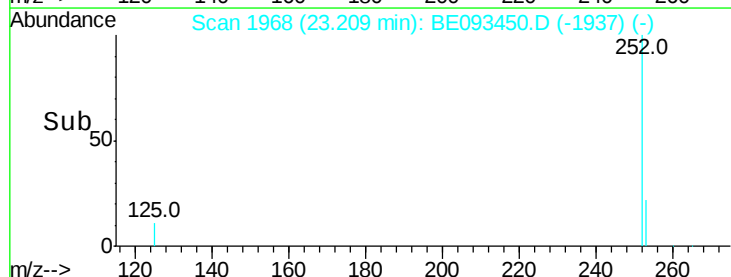
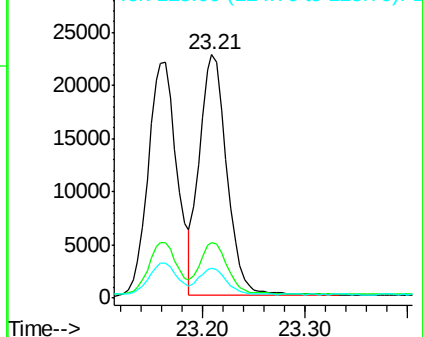
252 100

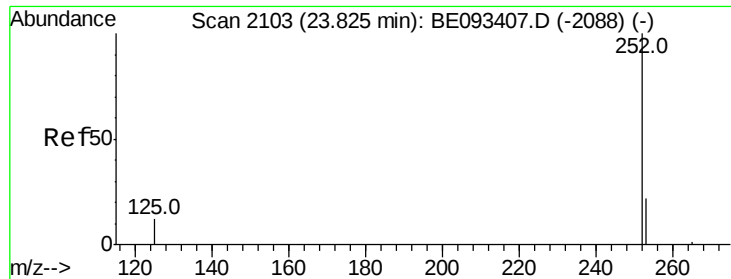
253 22.9 20.3 30.5

125 12.3 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

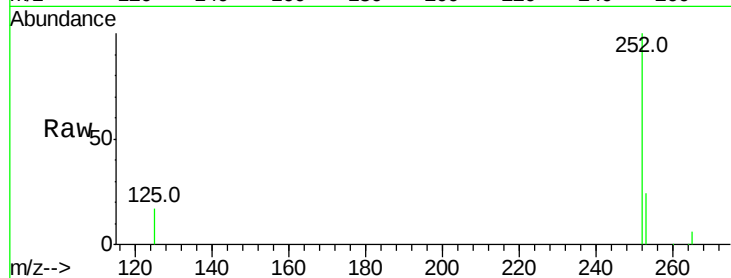




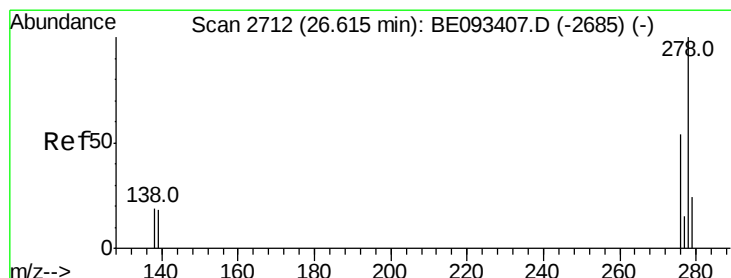
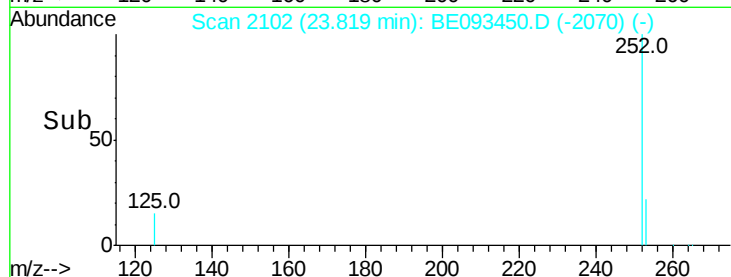
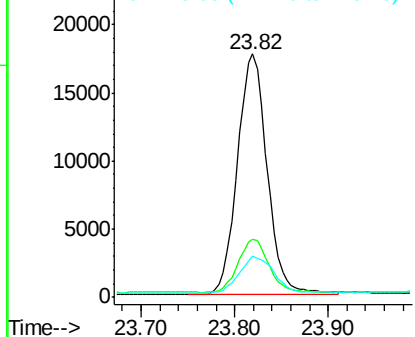
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 39094
Ion Ratio Lower Upper
252 100
253 24.1 19.9 29.9
125 17.0 14.6 21.8

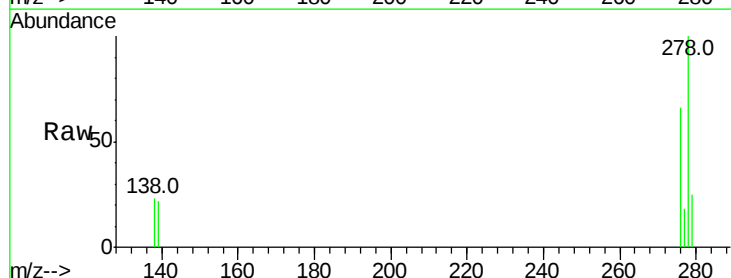


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

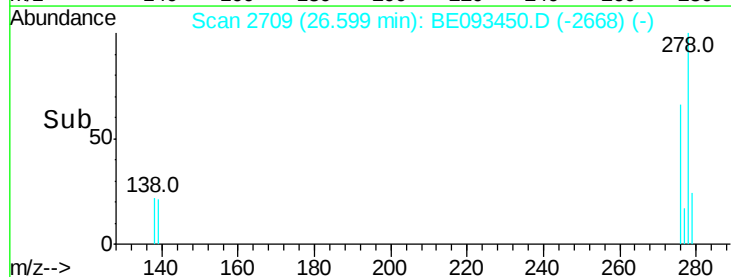
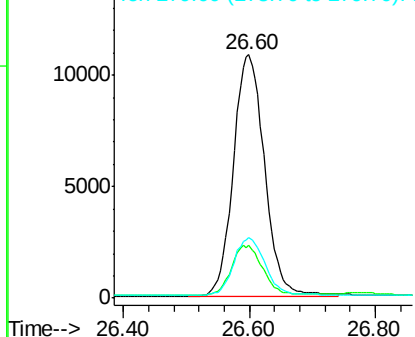


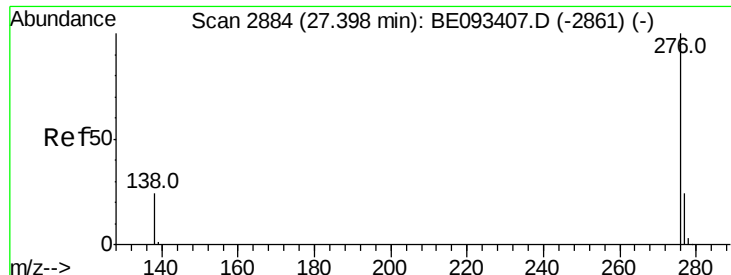
#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.02 min
Lab File: BE093450.D
Acq: 13 Jul 2017 9:00

Tgt Ion:278 Resp: 37664
Ion Ratio Lower Upper
278 100
139 21.5 21.4 32.0
279 25.1 22.2 33.2



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: 0.383 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

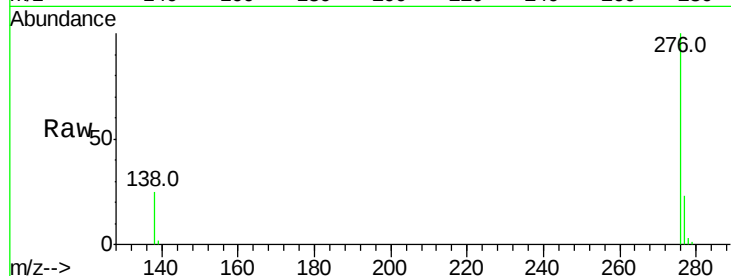
Lab File: BE093450.D

Acq: 13 Jul 2017 9:00

Instrument :

BNA_E

ClientSampleId :



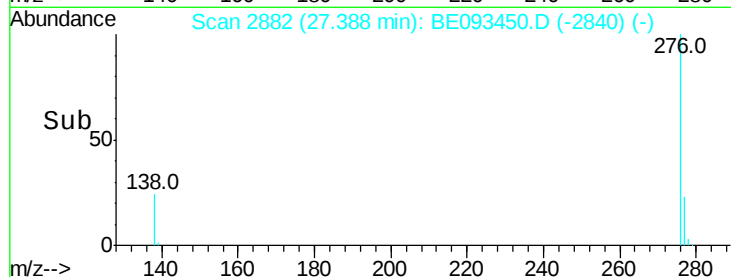
Tot Ion:276 Resp: 37782

Ion Ratio Lower Upper

276 100

277 23.4 21.2 31.8

138 24.8 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

