

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093518.D
 Acq On : 21 Jul 2017 21:10
 Operator : SJ/JU
 Sample : I4199-15DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3578-CC7DL

Quant Time: Jul 22 01:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2816	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13763	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8726	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22897	0.40	ng	0.00
27) Chrysene-d12	21.42	240	31739	0.40	ng	0.00
34) Perylene-d12	23.92	264	28451	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	267	0.03	ng	0.00
5) Phenol-d6	7.10	99	300	0.02	ng	0.00
8) Nitrobenzene-d5	9.08	82	602	0.06	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	908	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	158	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	3336	0.10	ng	0.00
25) Fluoranthene-d10	19.27	212	13664	0.04	ng	0.00
29) Terphenyl-d14	19.86	244	3630	0.06	ng	0.00

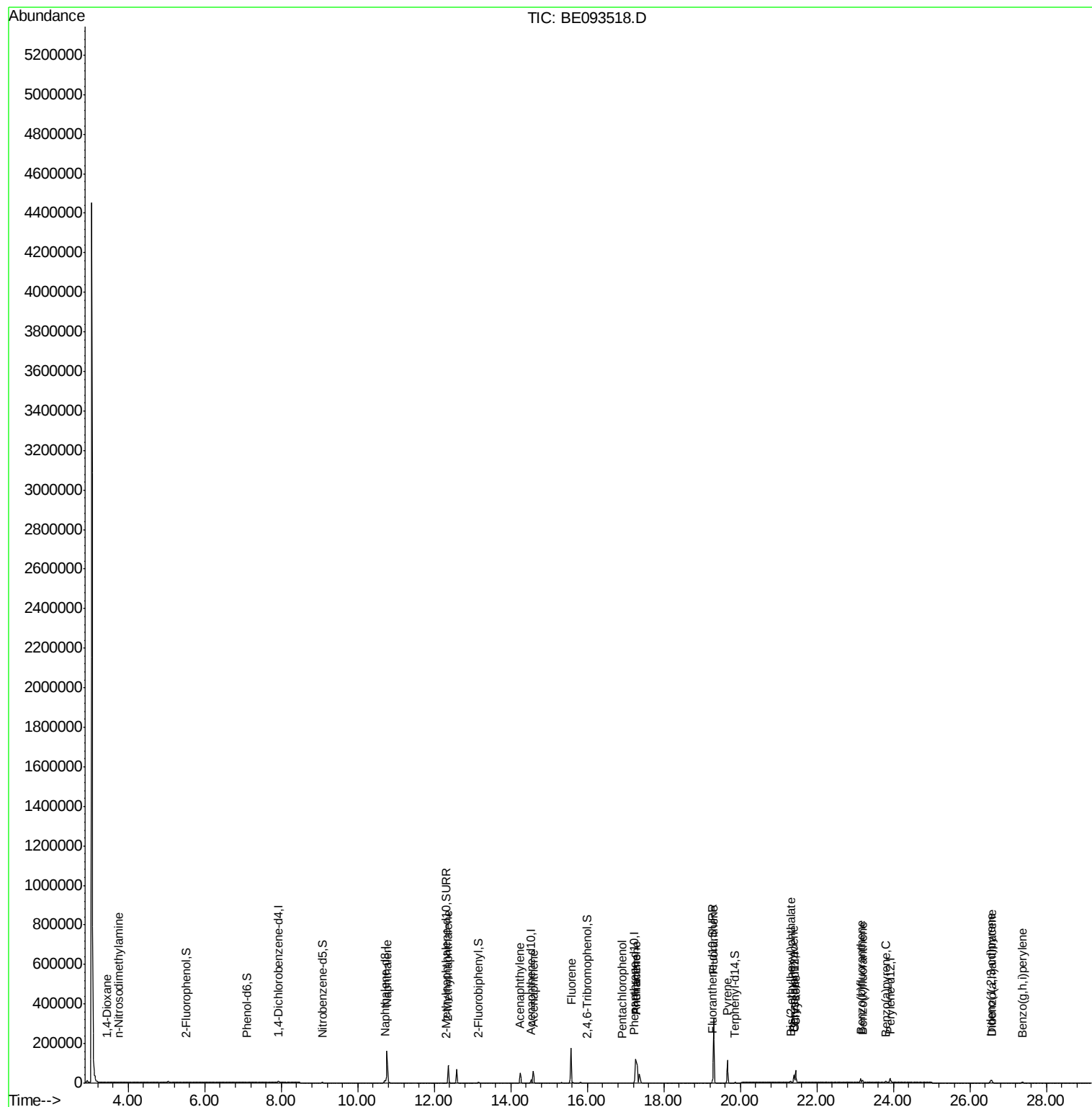
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	393	0.084	ng	# 67
3) n-Nitrosodimethylamine	3.74	42	124	0.027	ng	# 1
9) Naphthalene	10.76	128	270775	1.689	ng	99
12) 2-Methylnaphthalene	12.37	142	62204	2.314	ng	96
16) Acenaphthylene	14.24	152	56229	1.280	ng	# 87
17) Acenaphthene	14.58	154	29447	0.987	ng	98
18) Fluorene	15.58	166	125396	2.985	ng	# 88
22) Pentachlorophenol	16.91	266	61	0.197	ng	# 73
23) Phenanthrene	17.27	178	299547	5.770	ng	# 81
24) Anthracene	17.27	178	369349	4.653	ng	# 81
26) Fluoranthene	19.30	202	299349	2.702	ng	98
28) Pyrene	19.67	202	108143	1.051	ng	# 95
30) Benzo(a)anthracene	21.39	228	19135	0.187	ng	94
31) Chrysene	21.45	228	52473	0.519	ng	95
32) Bis(2-ethylhexyl)phthalate	21.32	149	7051	0.027	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.55	276	23404	0.245	ng	# 90
35) Benzo(b)fluoranthene	23.14	252	27515	0.275	ng	96
36) Benzo(k)fluoranthene	23.20	252	19080	0.193	ng	98
37) Benzo(a)pyrene	23.80	252	10034	0.108	ng	# 87
38) Dibenzo(a,h)anthracene	26.57	278	11769	0.134	ng	95
39) Benzo(g,h,i)perylene	27.36	276	8367	0.095	ng	97

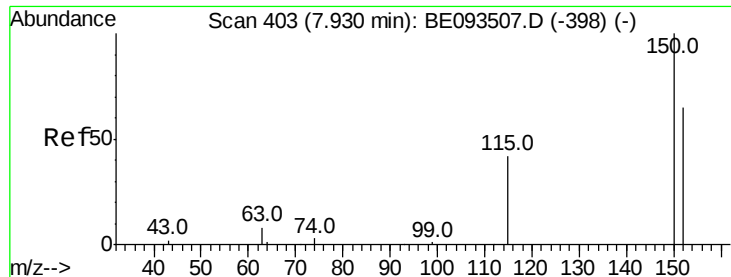
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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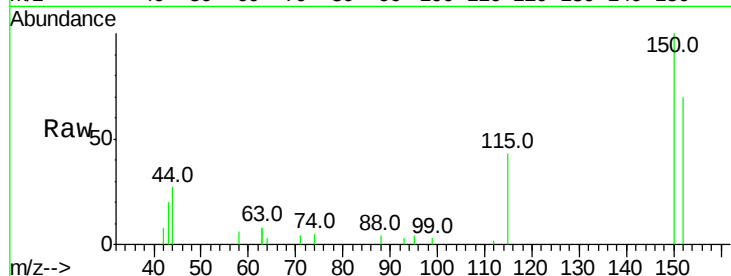


#1

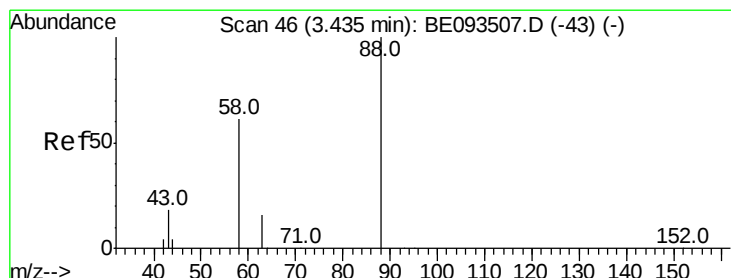
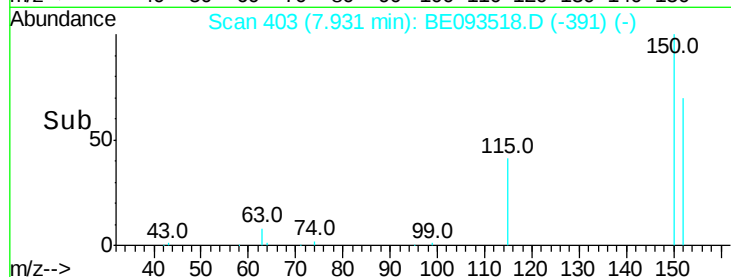
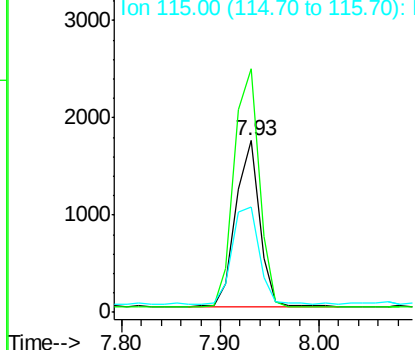
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

Tot Ion:152 Resp: 2816
Ion Ratio Lower Upper
152 100
150 142.0 125.1 187.7
115 61.7 55.7 83.5



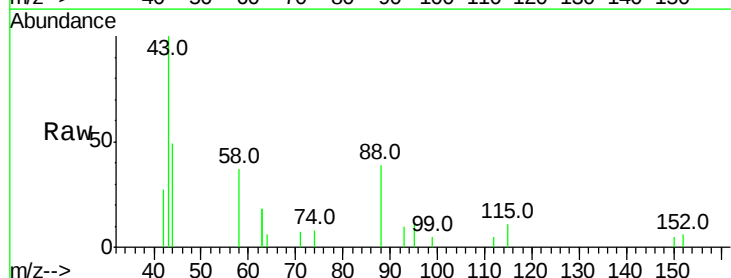
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



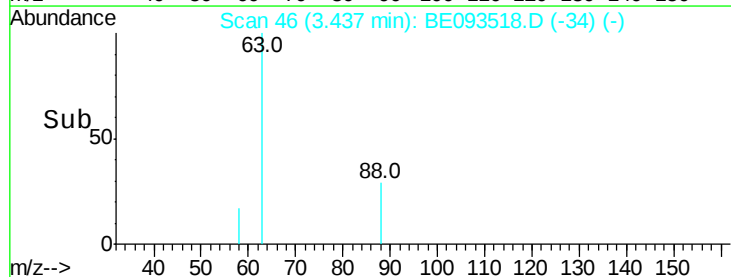
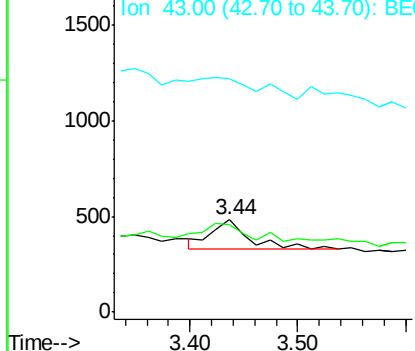
#2

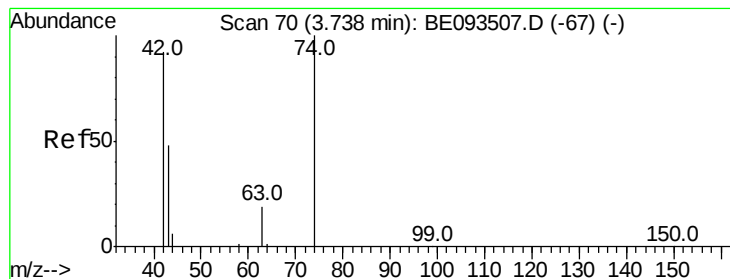
1,4-Dioxane
Concen: 0.084 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
58 55.7 62.2 93.4#
43 0.0 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: 0.027 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

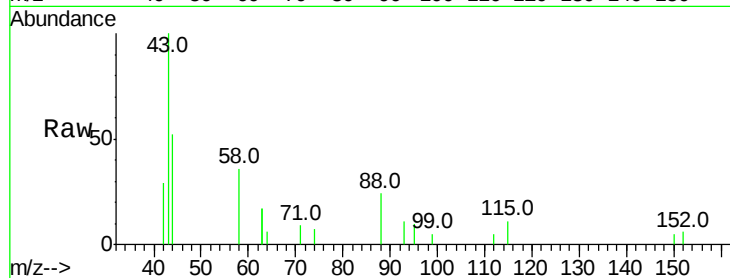
Tot Ion: 42 Resp: 124

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

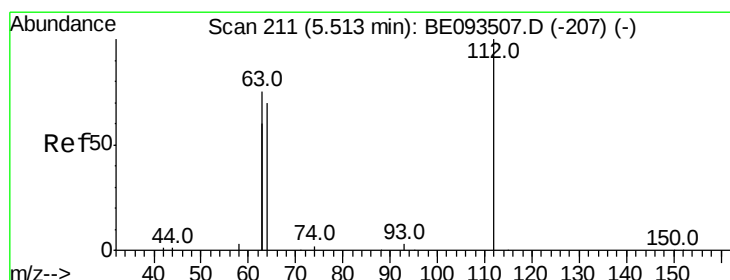
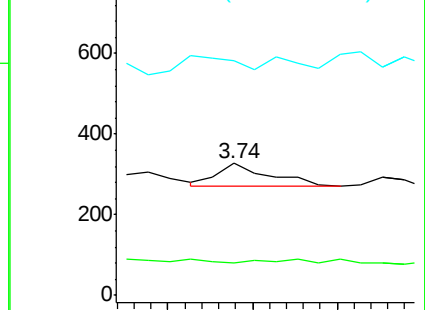
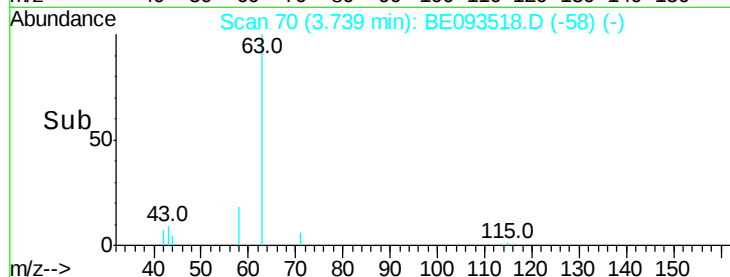
44 0.0 7.4 11.2#



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: 0.027 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

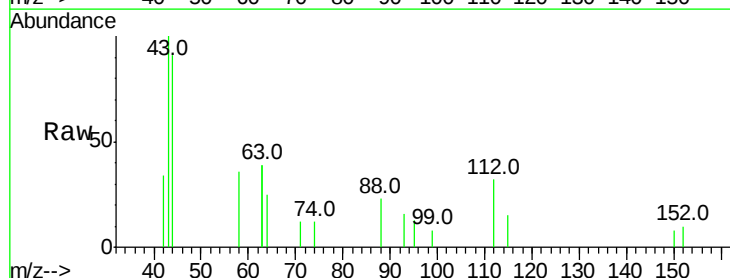
Tgt Ion: 112 Resp: 267

Ion Ratio Lower Upper

112 100

64 73.4 56.4 84.6

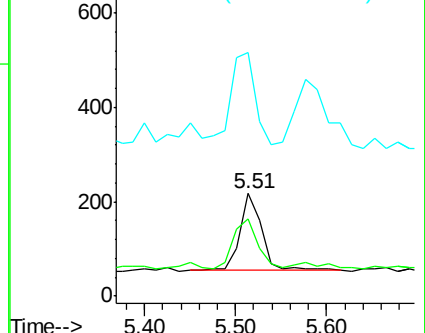
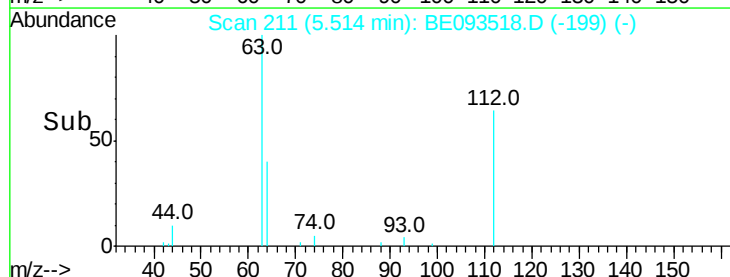
63 136.0 29.3 43.9#

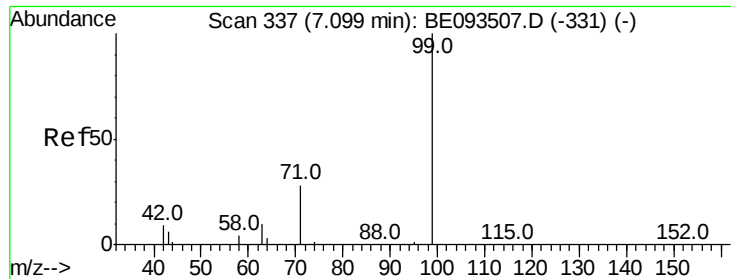


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.022 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

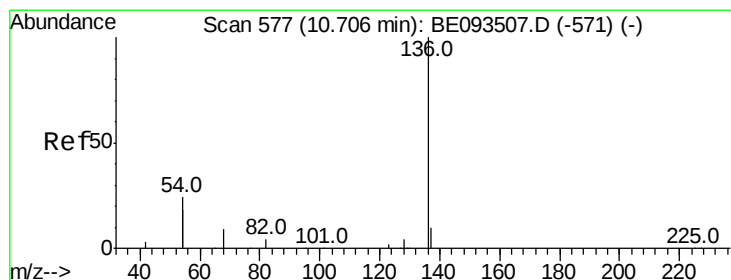
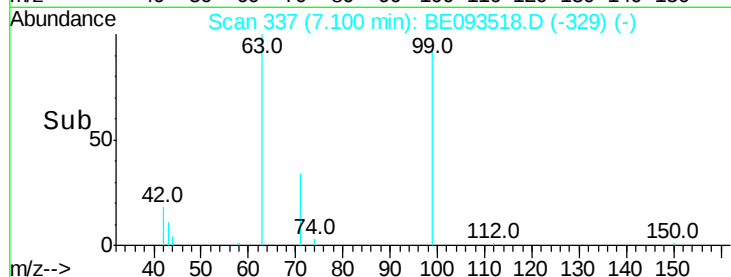
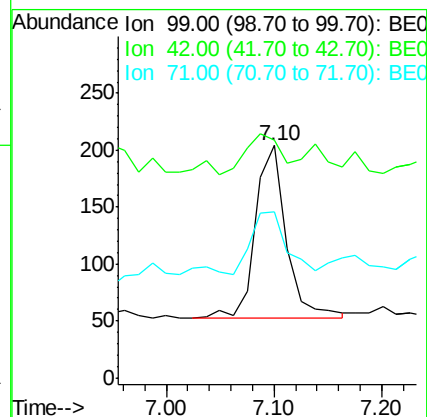
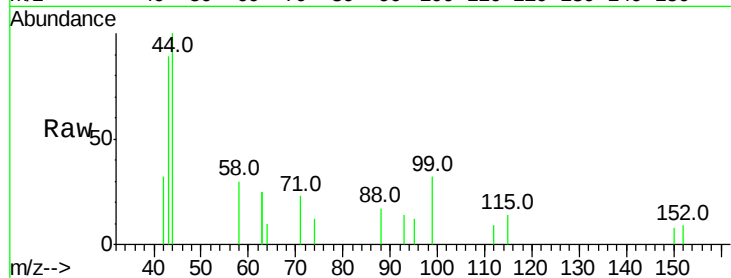
Tot Ion: 99 Resp: 300

Ion Ratio Lower Upper

99 100

42 29.3 0.0 0.0#

71 38.3 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Tgt Ion: 136 Resp: 13763

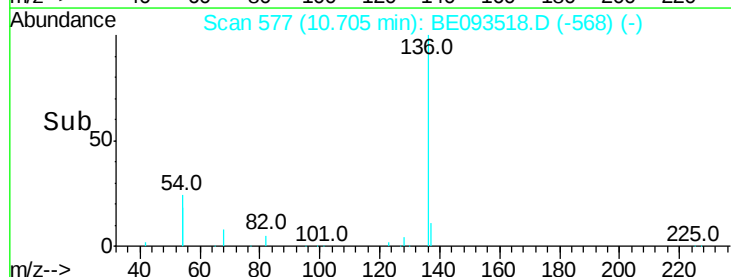
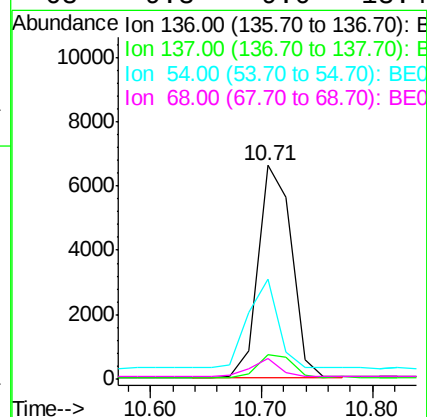
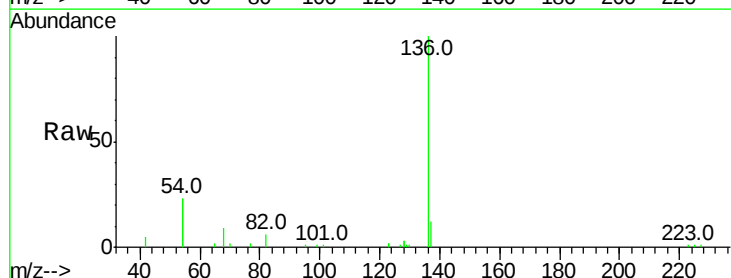
Ion Ratio Lower Upper

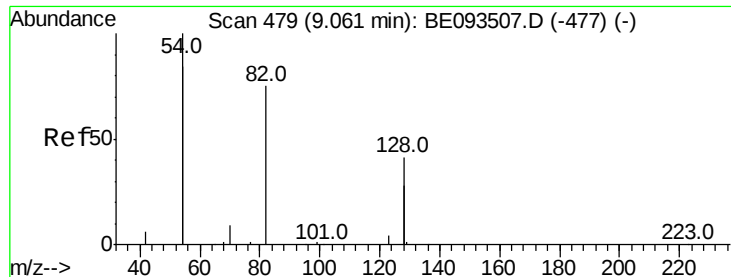
136 100

137 11.7 9.8 14.8

54 46.9 10.3 15.5#

68 9.3 9.0 13.4

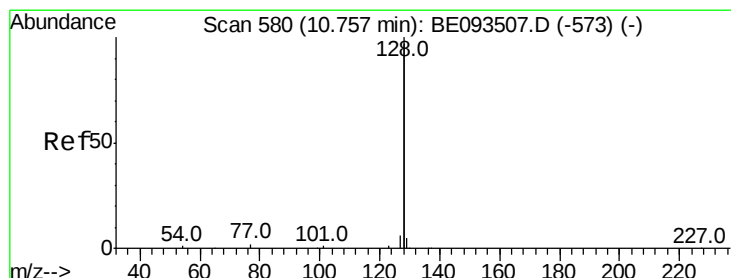
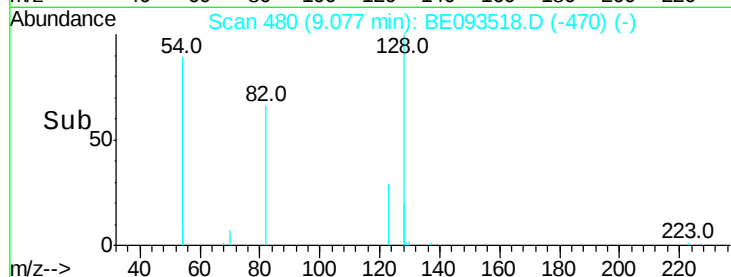
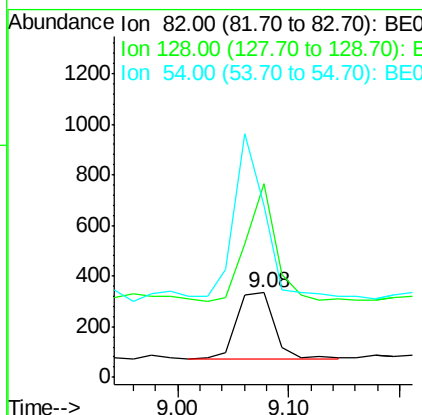
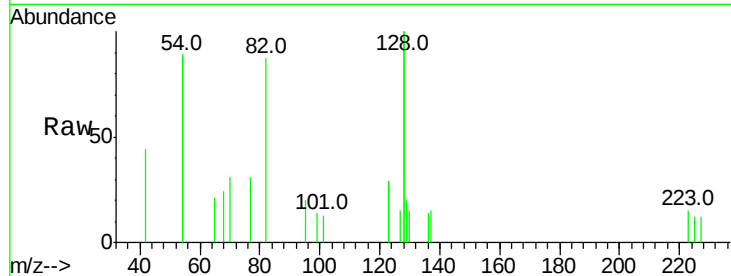




#8
 Nitrobenzene-d5
 Concen: 0.055 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.02 min
 Lab File: BE093518.D
 Acq: 21 Jul 2017 21:10

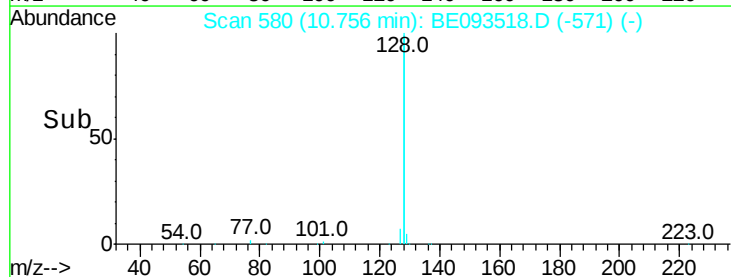
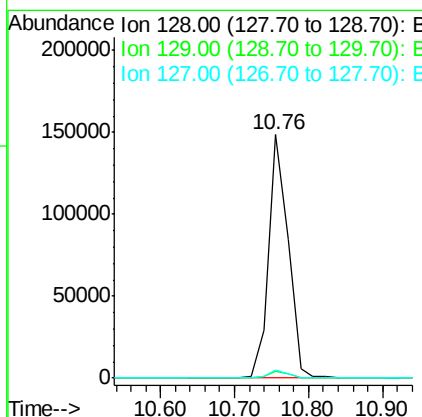
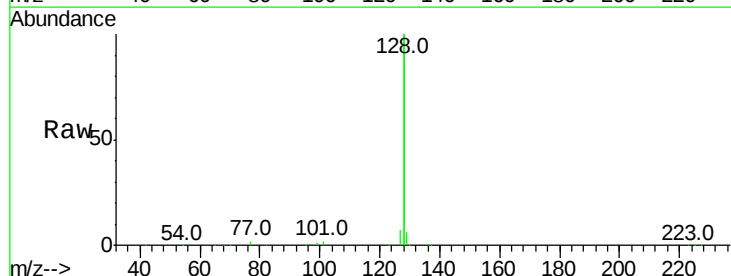
Instrument :
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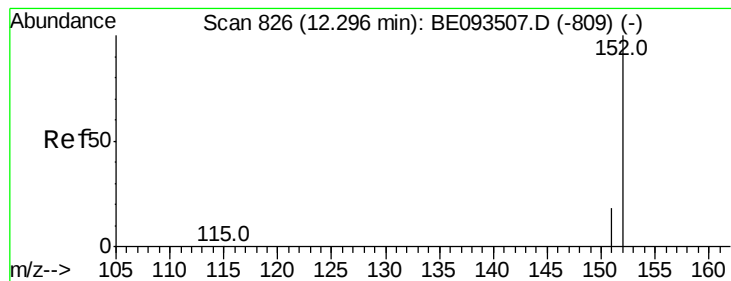
Tot Ion: 82 Resp: 602
 Ion Ratio Lower Upper
 82 100
 128 229.4 17.0 25.4#
 54 204.2 53.8 80.6#



#9
 Naphthalene
 Concen: 1.689 ng
 RT: 10.76 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BE093518.D
 Acq: 21 Jul 2017 21:10

Tgt Ion: 128 Resp: 270775
 Ion Ratio Lower Upper
 128 100
 129 2.8 2.4 3.6
 127 3.4 2.4 3.6





#11

2-Methylnaphthalene-d10

Concen: 0.041 ng

RT: 12.30 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

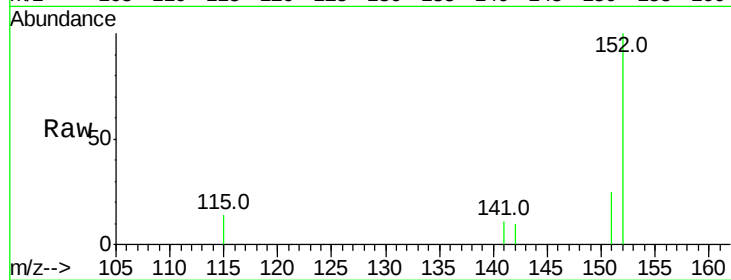
3578-CC7DL

Tot Ion:152 Resp: 908

Ion Ratio Lower Upper

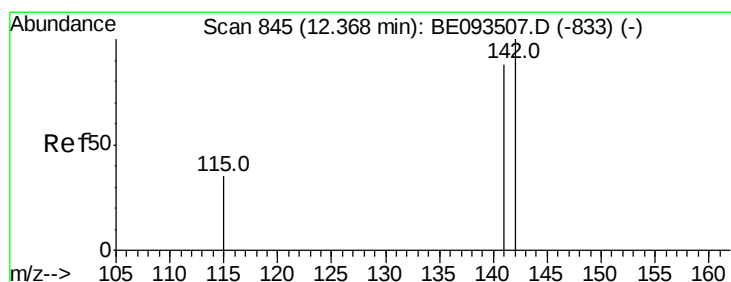
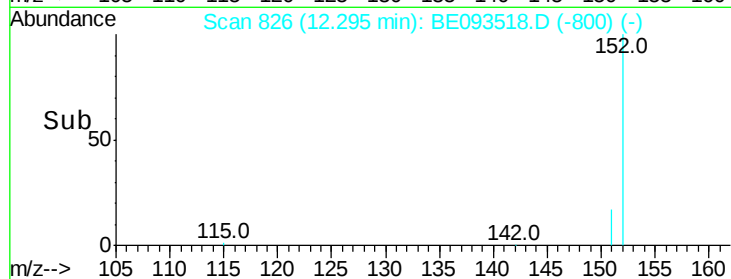
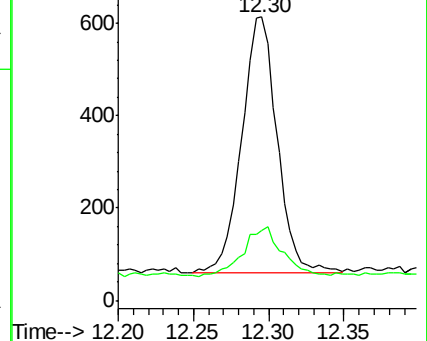
152 100

151 21.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.314 ng

RT: 12.37 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

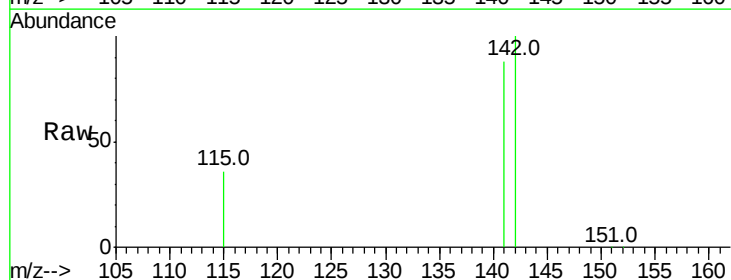
Tgt Ion:142 Resp: 62204

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

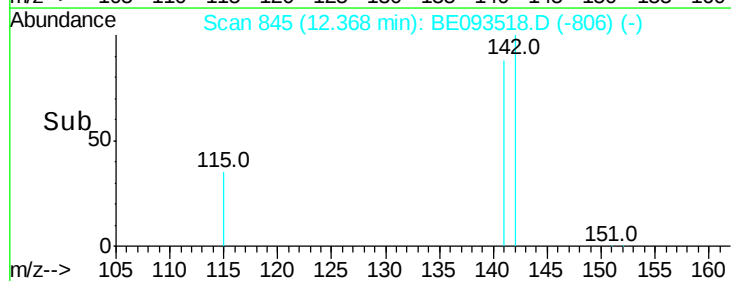
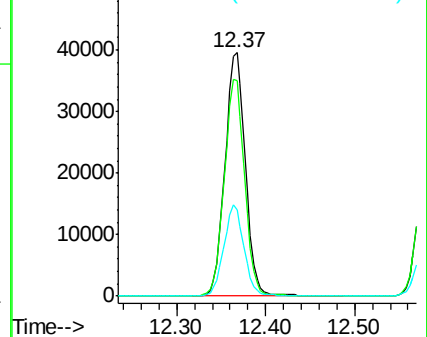
115 35.5 32.2 48.2

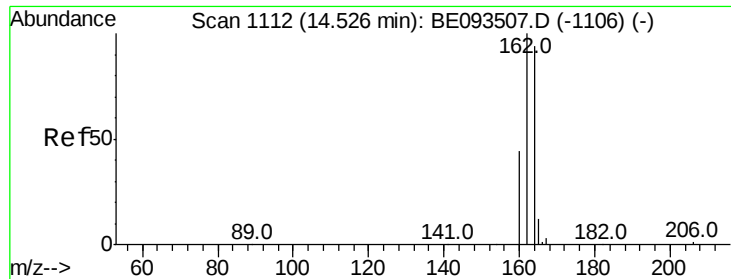


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

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ClientSampleId :

3578-CC7DL

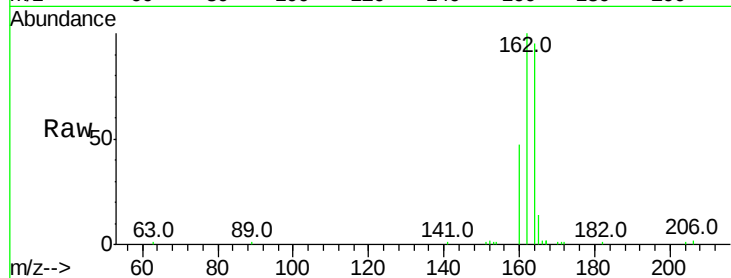
Tot Ion:164 Resp: 8726

Ion Ratio Lower Upper

164 100

162 104.9 84.6 127.0

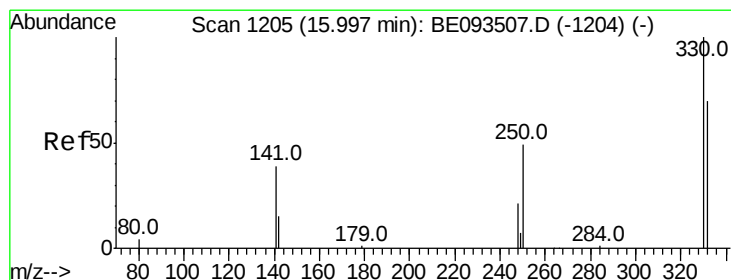
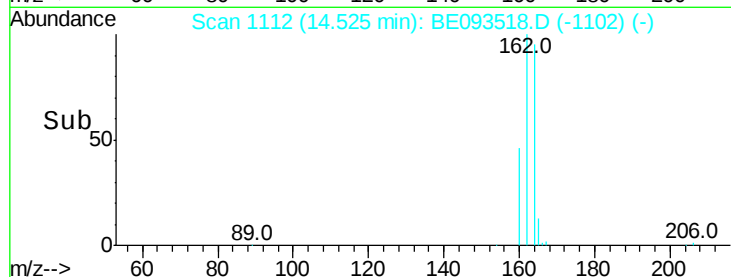
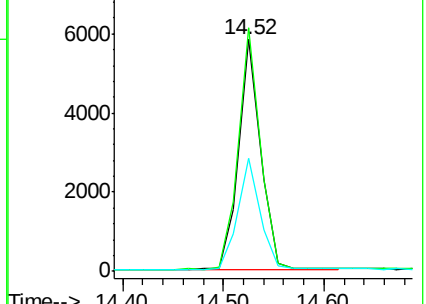
160 49.0 41.8 62.6



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: 0.050 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

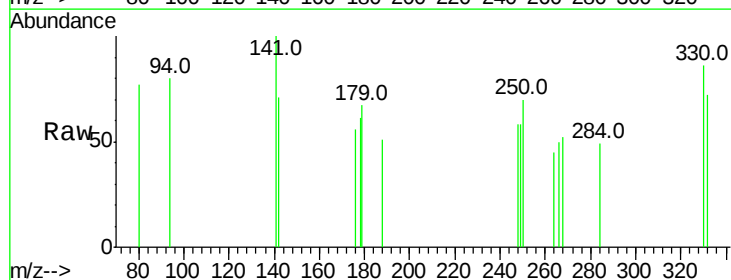
Tgt Ion:330 Resp: 158

Ion Ratio Lower Upper

330 100

332 80.4 77.7 116.5

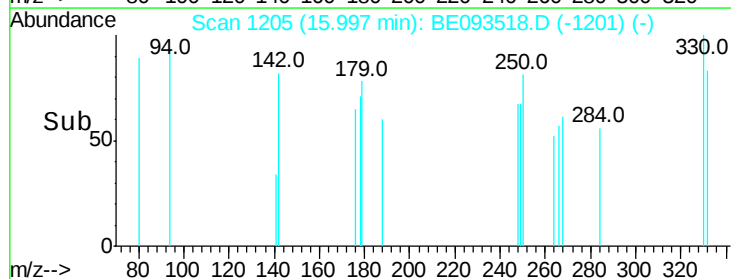
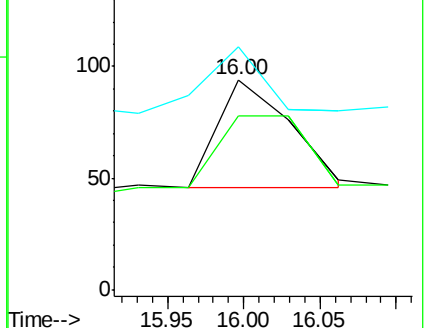
141 50.6 56.2 84.4#

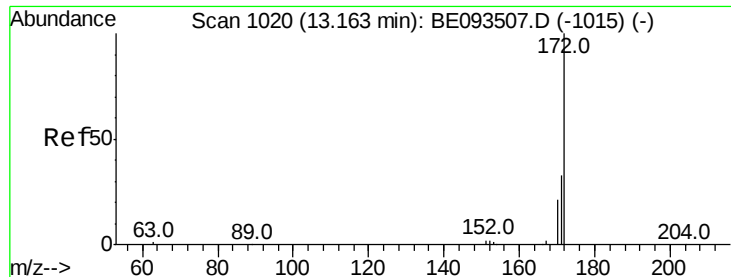


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

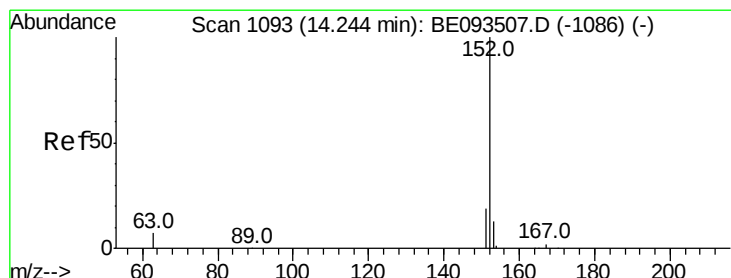
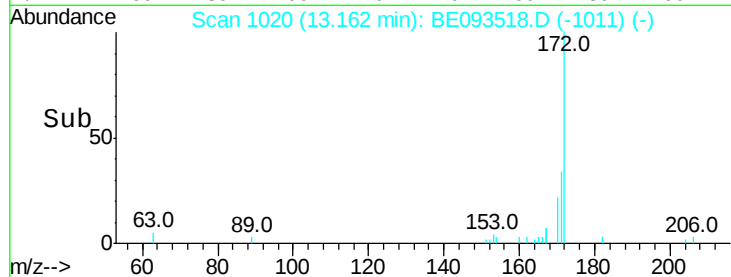
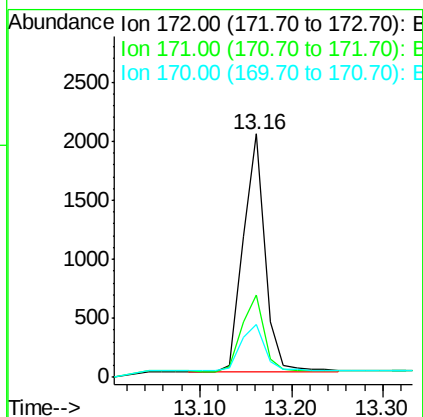
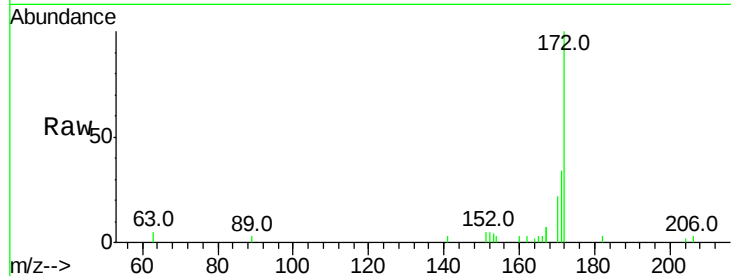




#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

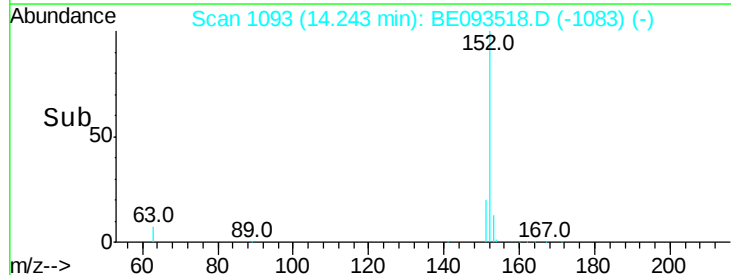
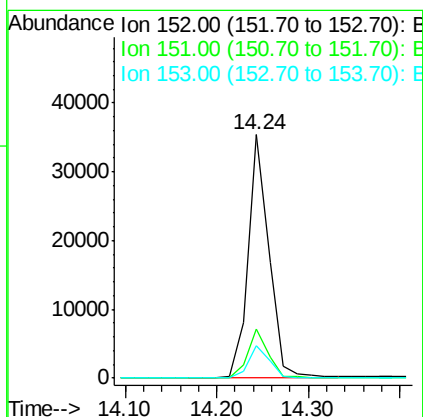
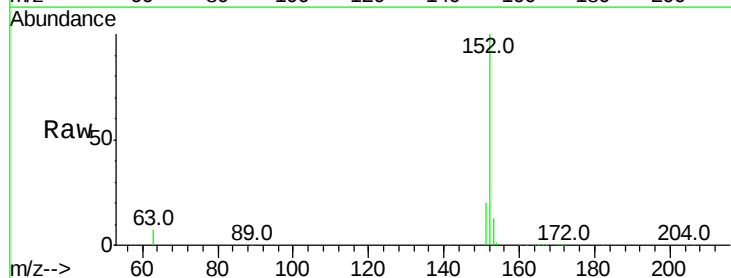
Instrument :
BNA_E
ClientSampleId :
3578-CC7DL

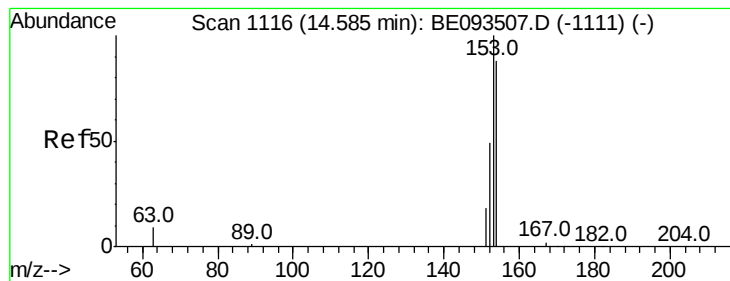
Tot Ion:172 Resp: 3336
Ion Ratio Lower Upper
172 100
171 33.6 29.8 44.6
170 21.9 20.7 31.1



#16
Acenaphthylene
Concen: 1.280 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093518.D
Acq: 21 Jul 2017 21:10

Tgt Ion:152 Resp: 56229
Ion Ratio Lower Upper
152 100
151 19.6 4.0 6.0#
153 13.3 10.3 15.5





#17

Acenaphthene

Concen: 0.987 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

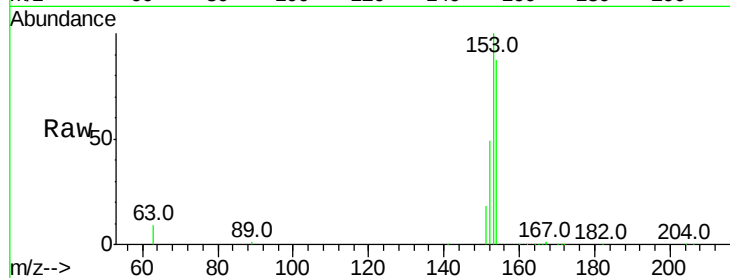
Tot Ion:154 Resp: 29447

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

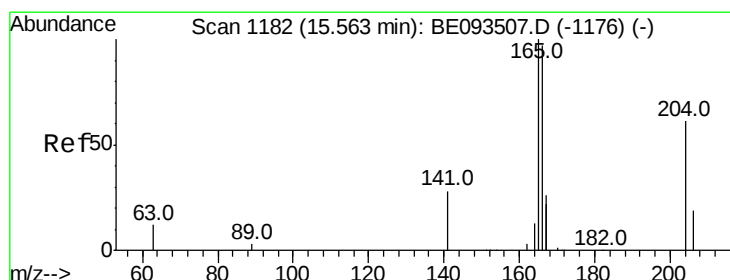
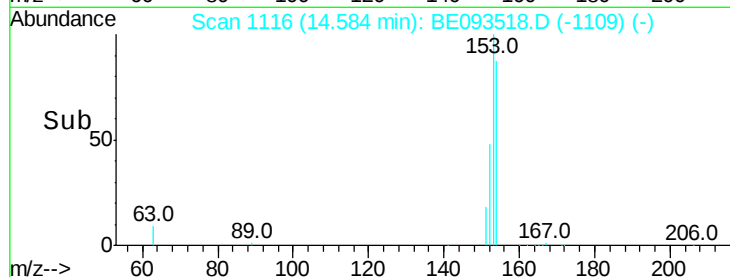
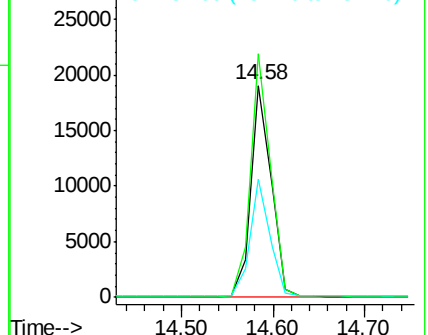
152 53.8 44.8 67.2



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: 2.985 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

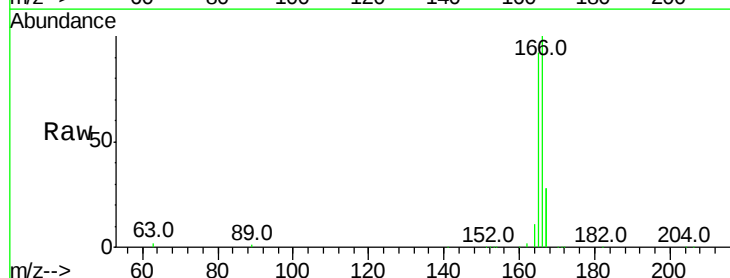
Tgt Ion:166 Resp: 125396

Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

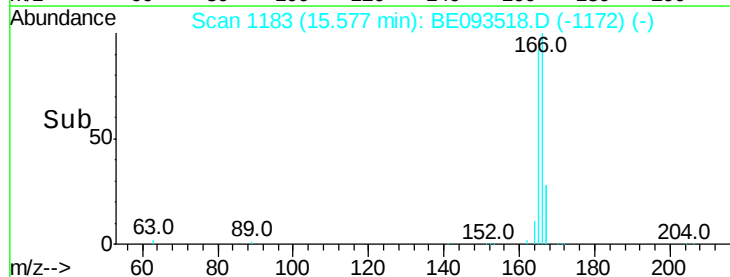
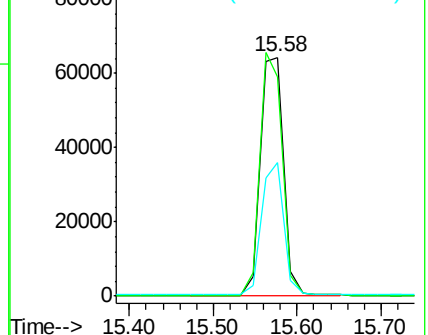
167 52.9 11.1 16.7#

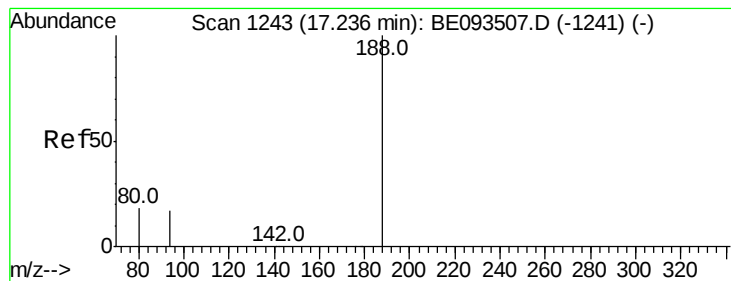


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

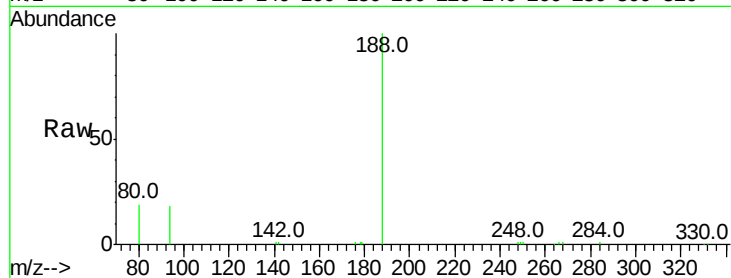
Tot Ion:188 Resp: 22897

Ion Ratio Lower Upper

188 100

94 18.1 11.3 16.9#

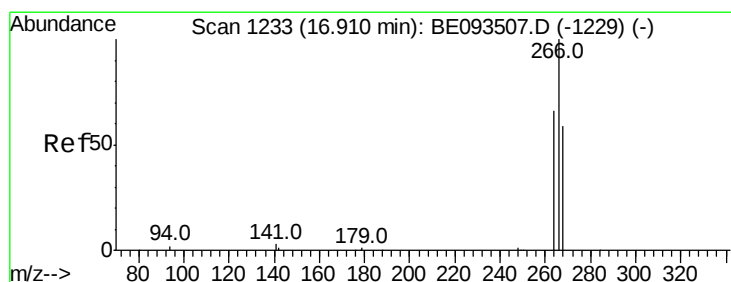
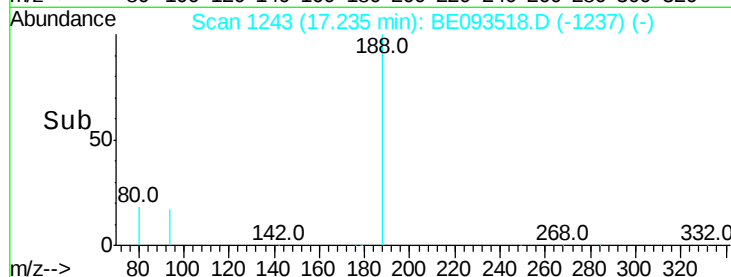
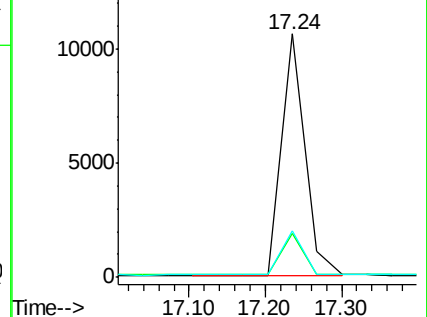
80 19.1 11.7 17.5#



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



#22

Pentachlorophenol

Concen: 0.197 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

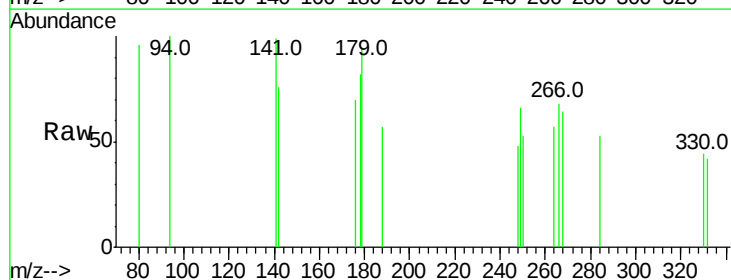
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 84.9 56.0 84.0#

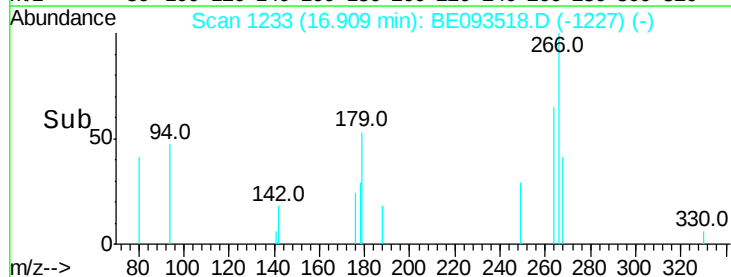
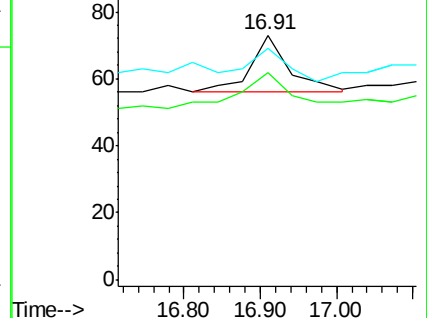
268 94.5 52.0 78.0#

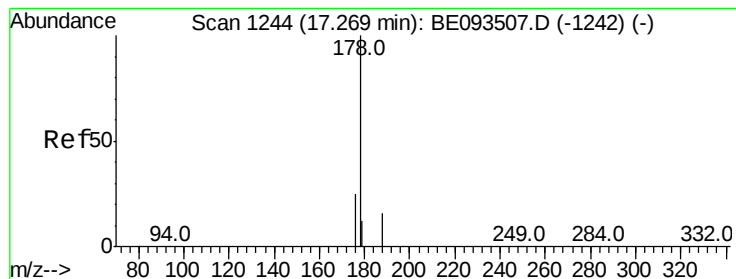


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.770 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

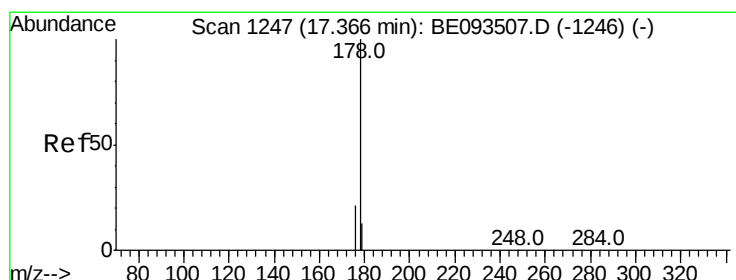
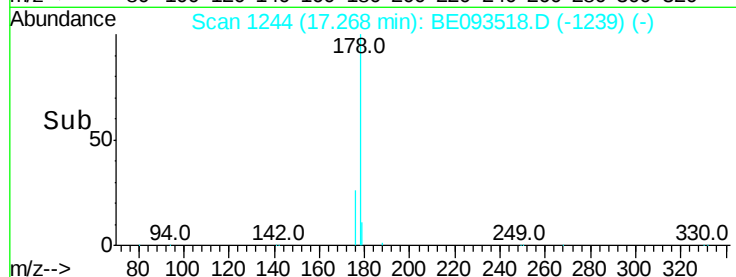
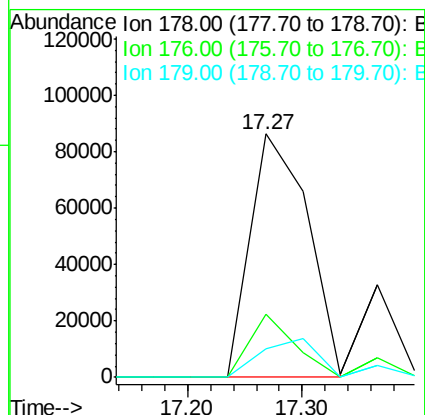
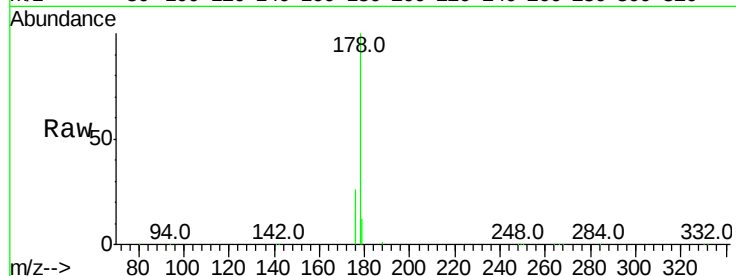
BNA_E

ClientSampleId :

3578-CC7DL

Tot Ion:178 Resp: 299547

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	0.0	12.7	19.1#



#24

Anthracene

Concen: 4.653 ng

RT: 17.27 min Scan# 1244

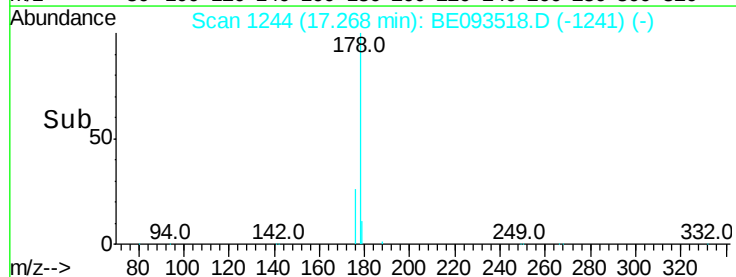
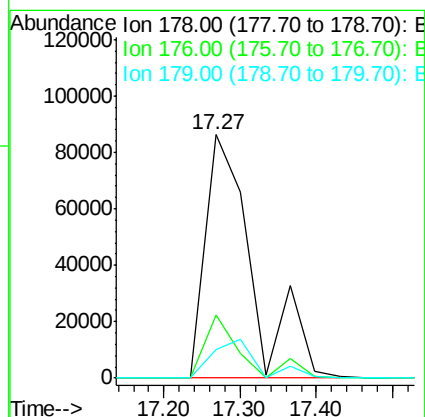
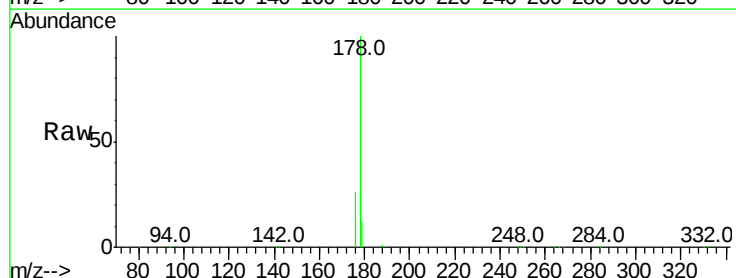
Delta R.T. -0.10 min

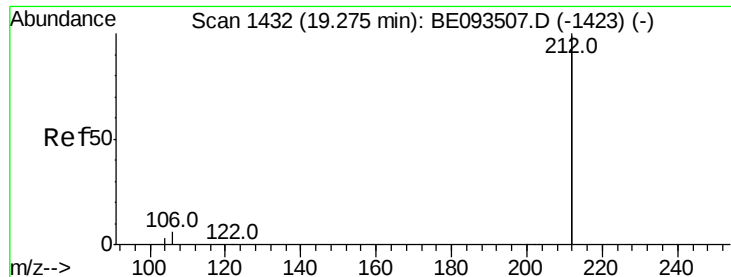
Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Tgt Ion:178 Resp: 369349

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.6	22.0
179	0.0	12.0	18.0#





#25

Fluoranthene-d10

Concen: 0.037 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

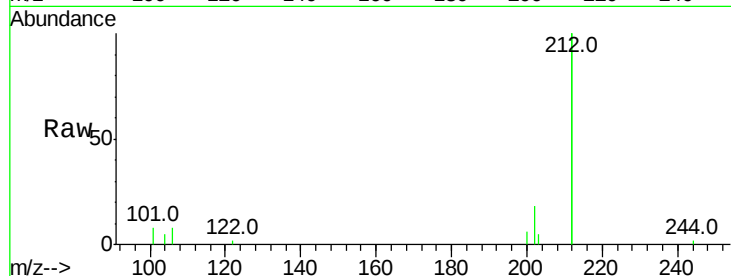
Tot Ion:212 Resp: 13664

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

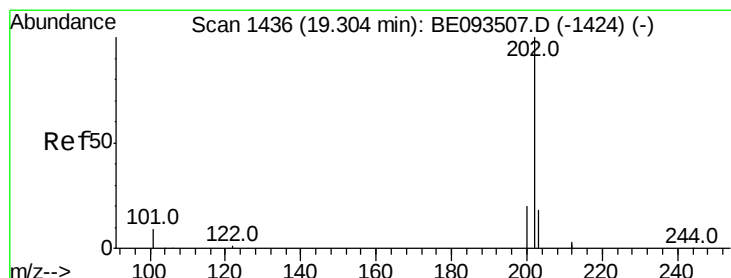
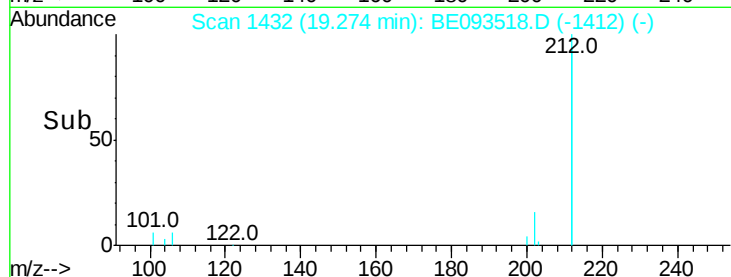
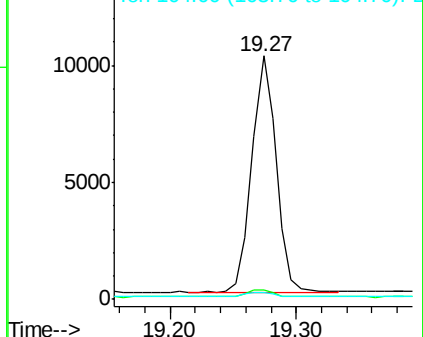
104 2.2 1.6 2.4



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: 2.702 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

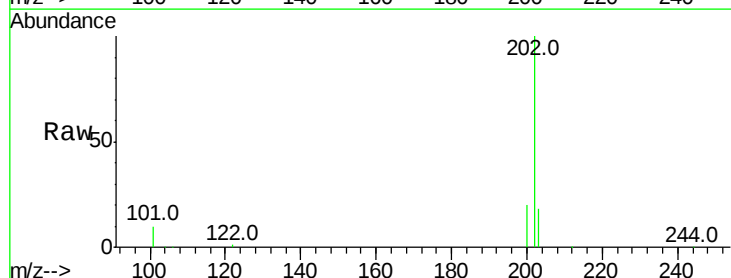
Tgt Ion:202 Resp: 299349

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

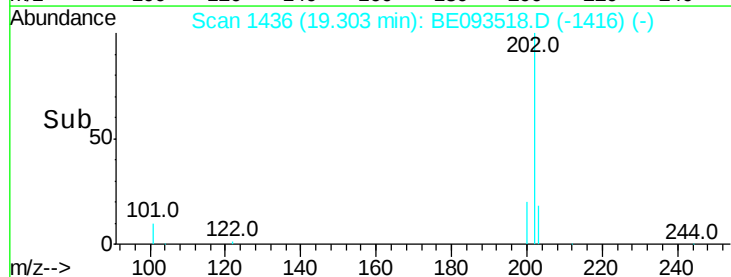
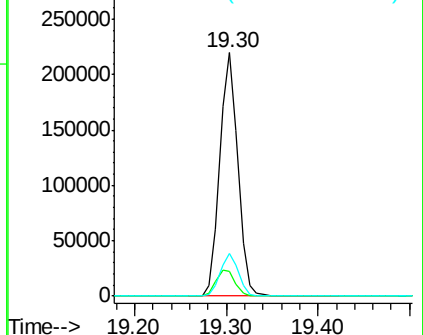
203 17.4 14.4 21.6

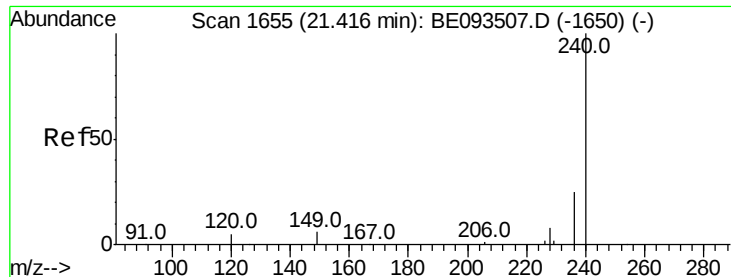


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

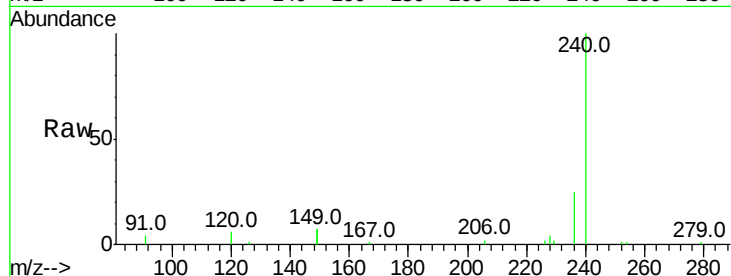
Tot Ion:240 Resp: 31739

Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

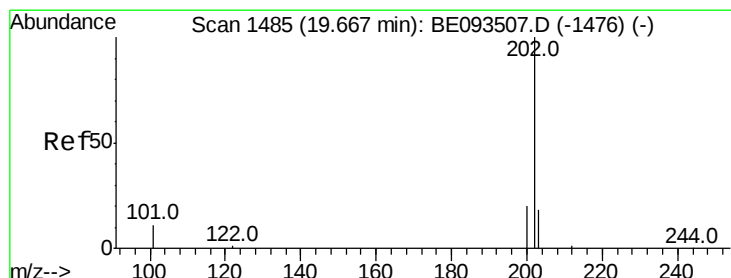
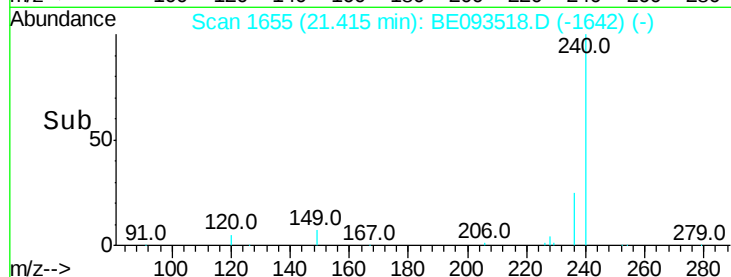
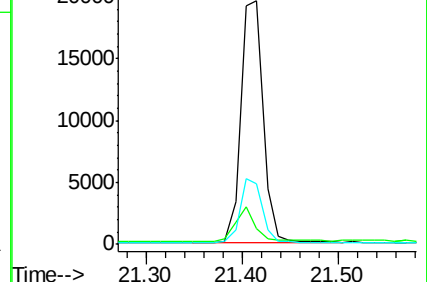
236 25.1 20.8 31.2



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: 1.051 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

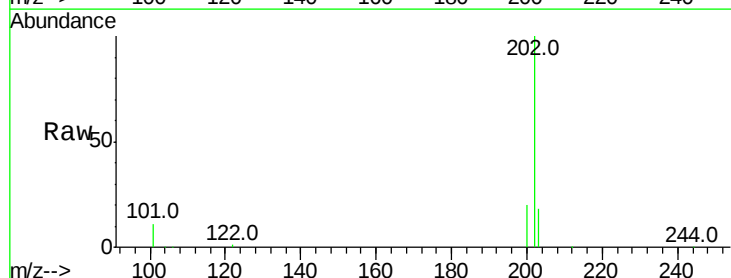
Tgt Ion:202 Resp: 108143

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

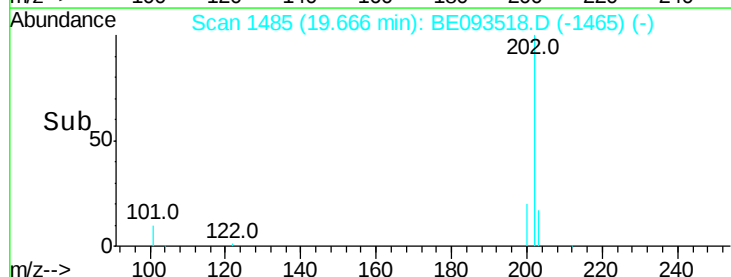
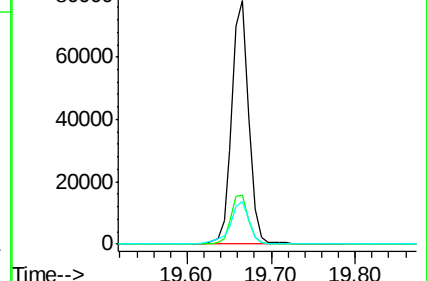
203 19.3 13.7 20.5

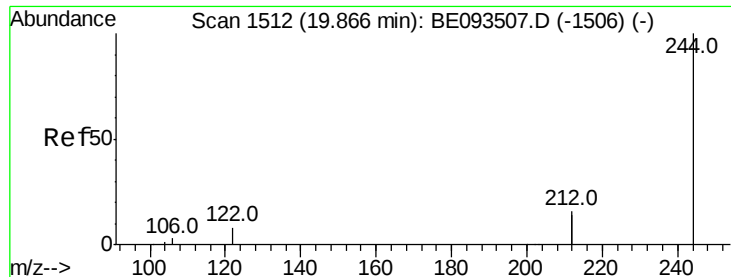


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.063 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

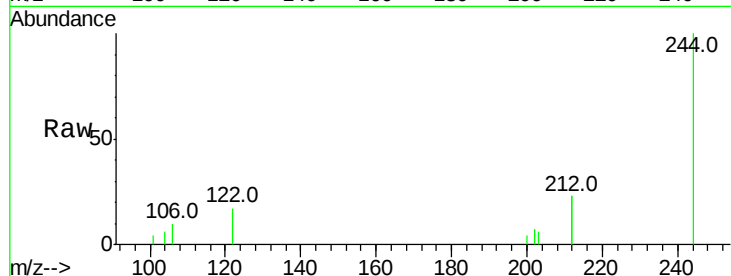
Tot Ion:244 Resp: 3630

Ion Ratio Lower Upper

244 100

212 45.8 10.6 16.0#

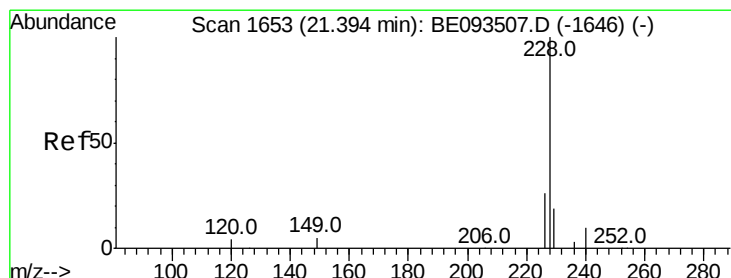
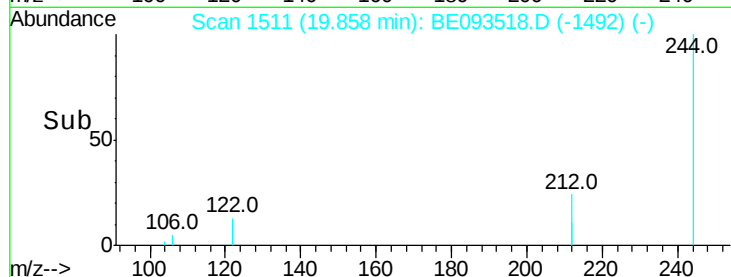
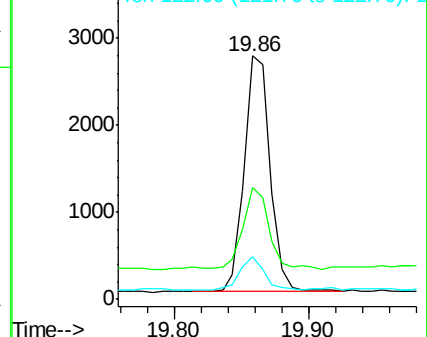
122 17.4 15.4 23.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.187 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

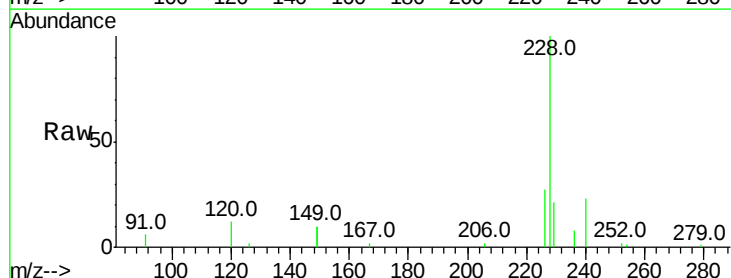
Tgt Ion:228 Resp: 19135

Ion Ratio Lower Upper

228 100

226 27.3 19.7 29.5

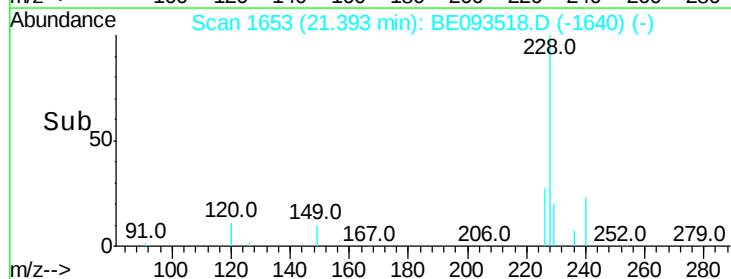
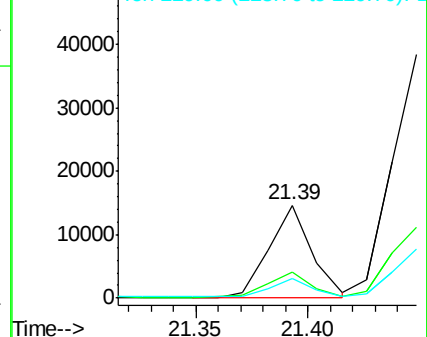
229 21.1 19.2 28.8

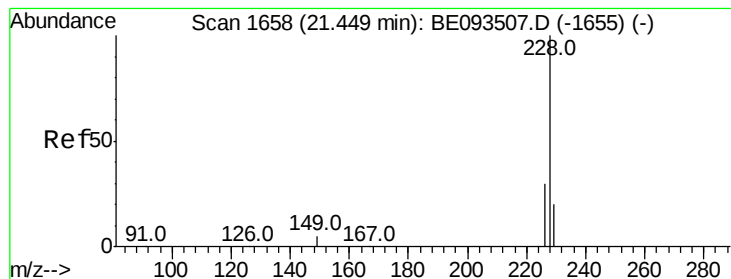


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.519 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

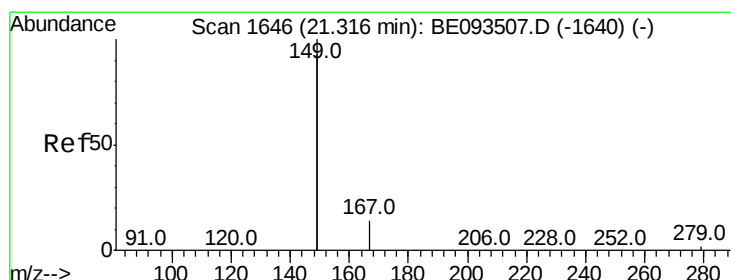
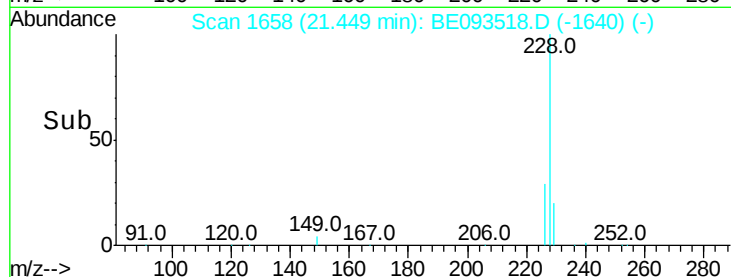
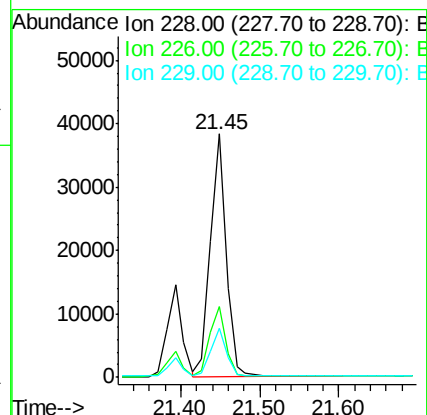
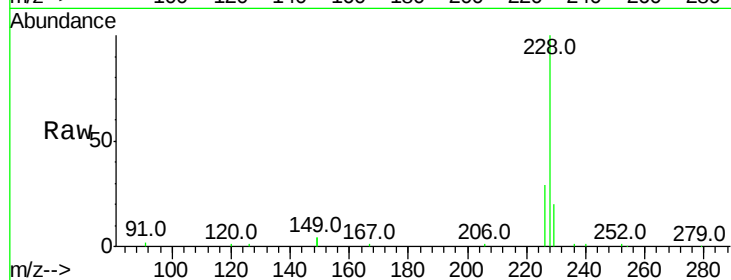
Tot Ion:228 Resp: 52473

Ion Ratio Lower Upper

228 100

226 28.9 21.5 32.3

229 20.4 18.6 28.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

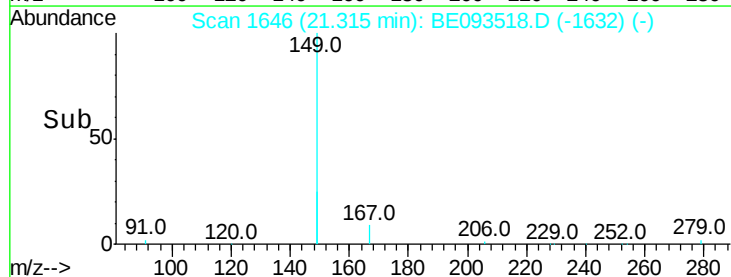
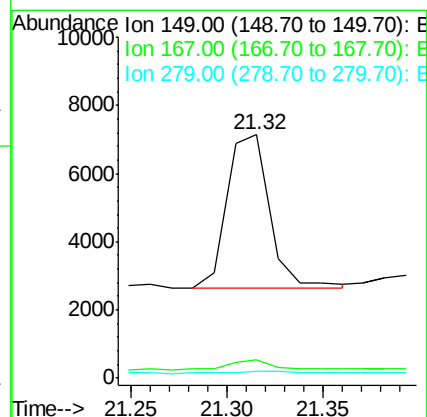
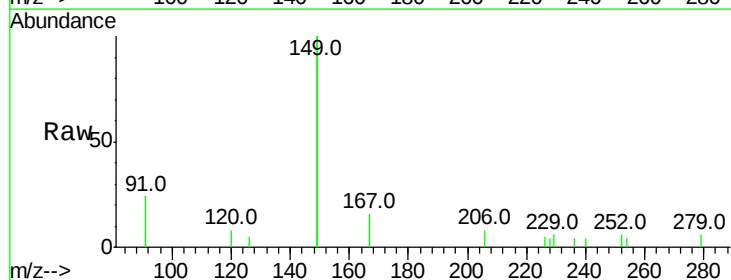
Tgt Ion:149 Resp: 7051

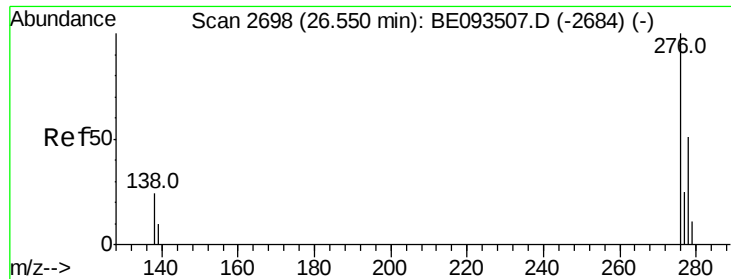
Ion Ratio Lower Upper

149 100

167 6.9 4.8 7.2

279 2.2 0.8 1.2#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.245 ng

RT: 26.55 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

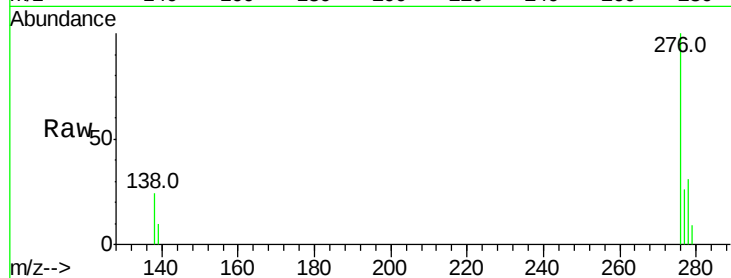
Tot Ion:276 Resp: 23404

Ion Ratio Lower Upper

276 100

138 25.3 27.4 41.2#

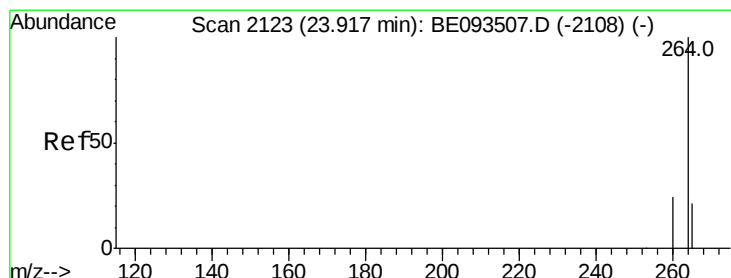
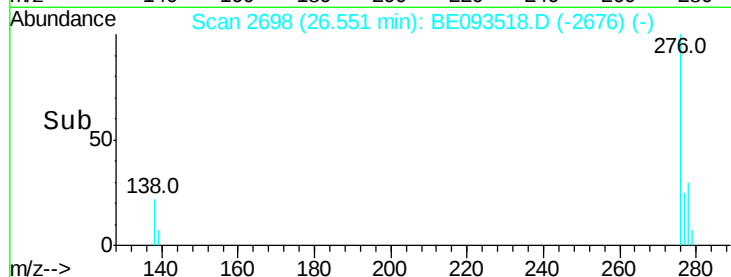
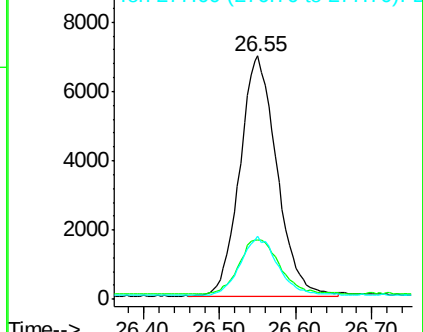
277 24.4 20.1 30.1



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: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

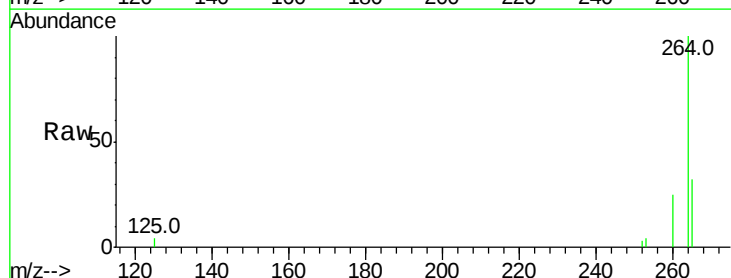
Tgt Ion:264 Resp: 28451

Ion Ratio Lower Upper

264 100

260 24.7 21.0 31.4

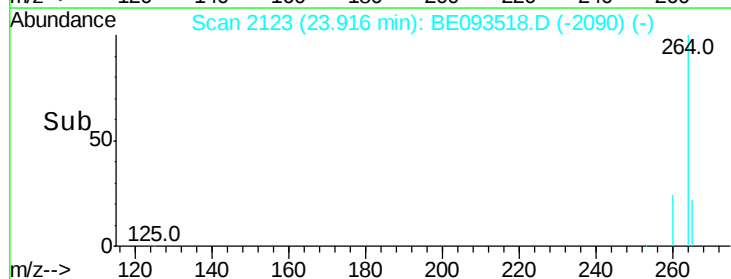
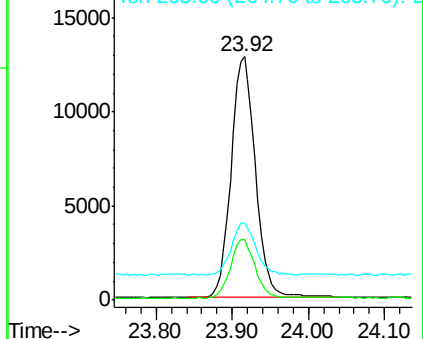
265 31.6 24.6 36.8

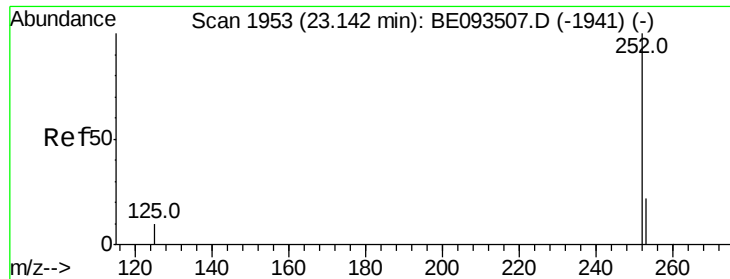


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.275 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

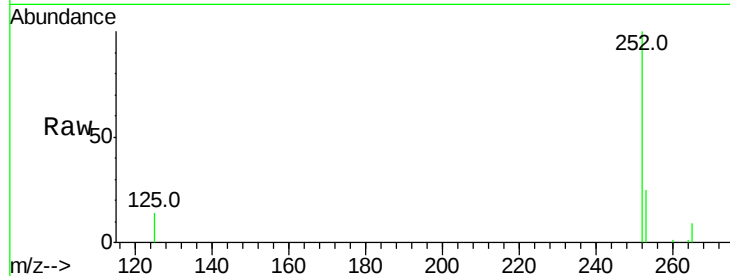
Tot Ion:252 Resp: 27515

Ion Ratio Lower Upper

252 100

253 24.5 18.5 27.7

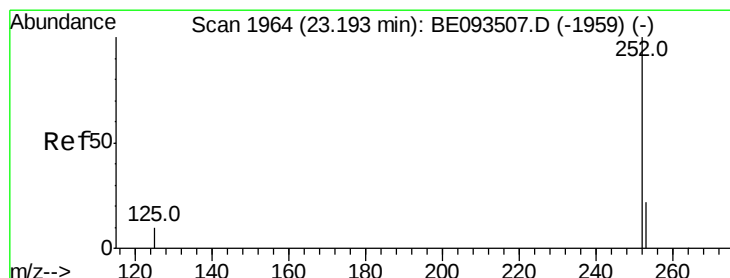
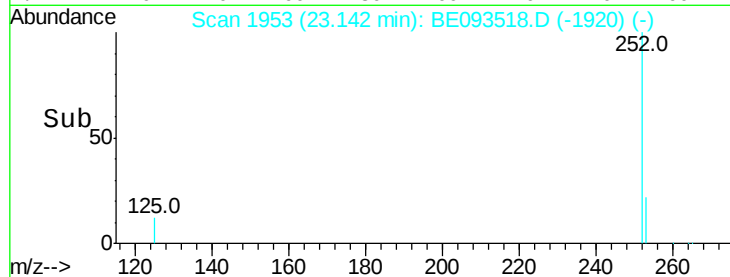
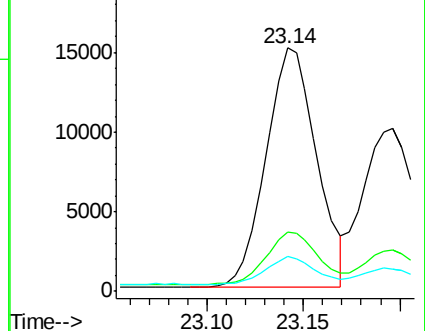
125 14.3 13.4 20.0



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: 0.193 ng

RT: 23.20 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

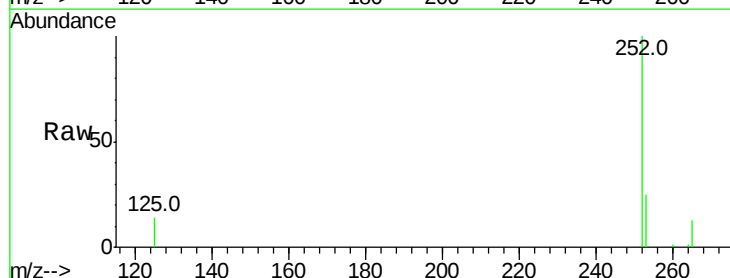
Tgt Ion:252 Resp: 19080

Ion Ratio Lower Upper

252 100

253 25.1 20.3 30.5

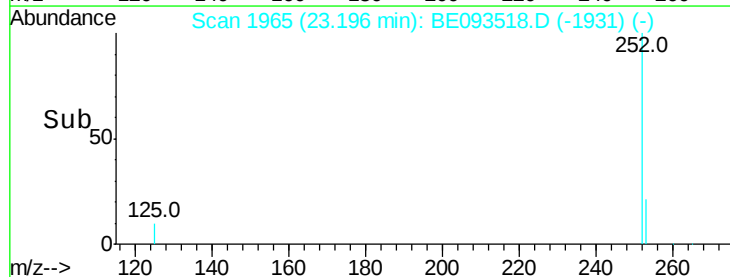
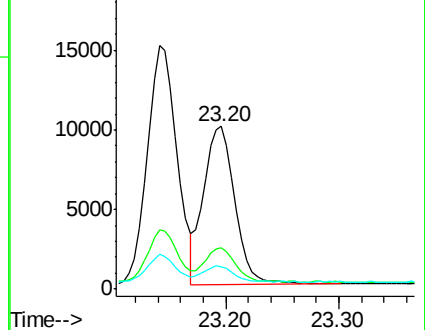
125 13.8 12.2 18.4

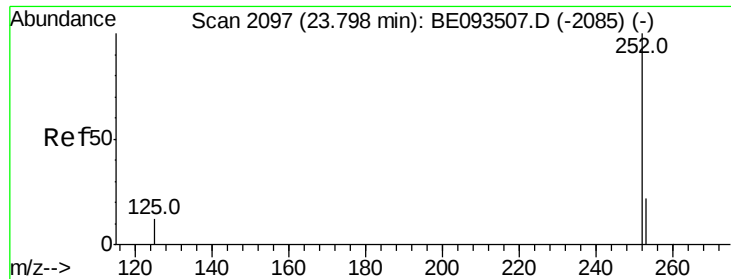


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.108 ng

RT: 23.80 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

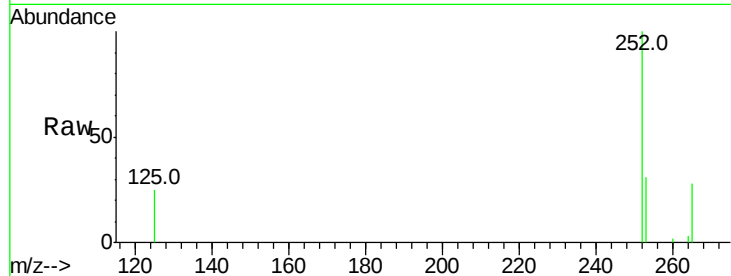
Tot Ion:252 Resp: 10034

Ion Ratio Lower Upper

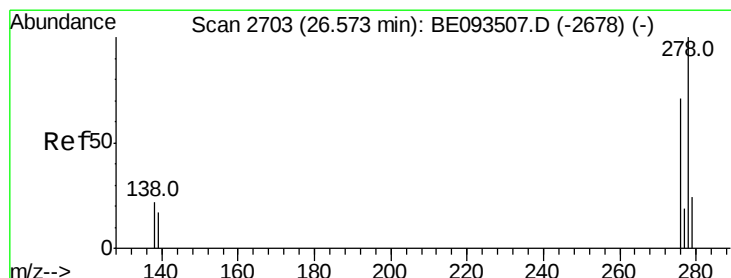
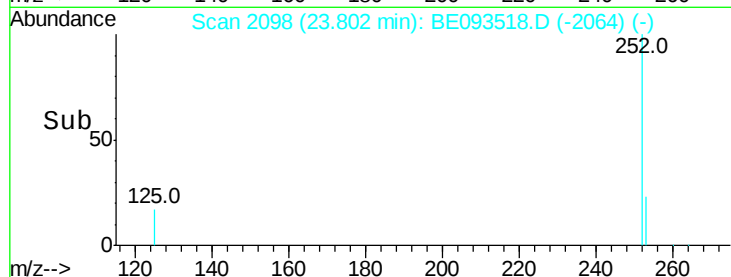
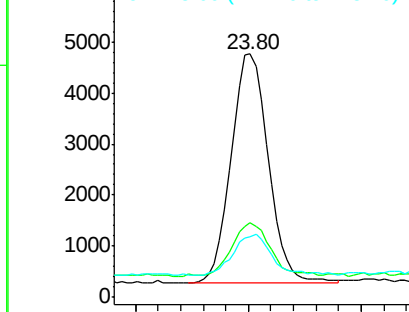
252 100

253 30.8 19.9 29.9#

125 25.0 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: 0.134 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

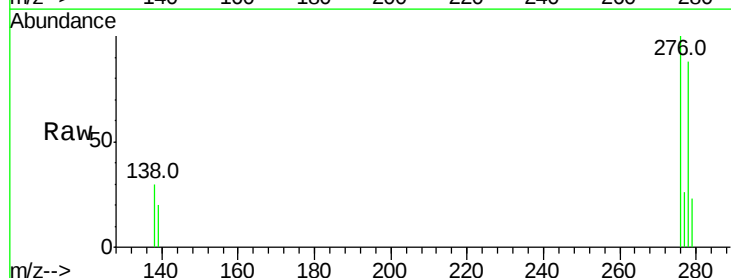
Tgt Ion:278 Resp: 11769

Ion Ratio Lower Upper

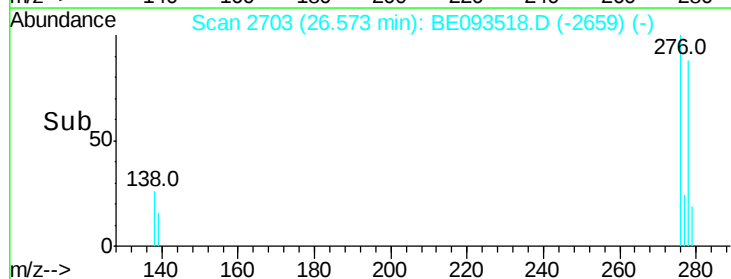
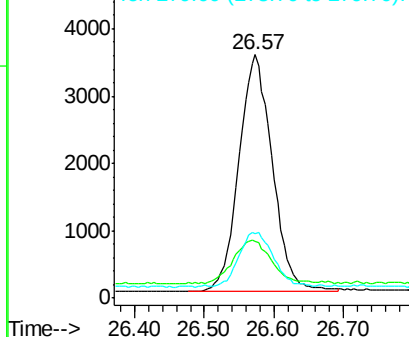
278 100

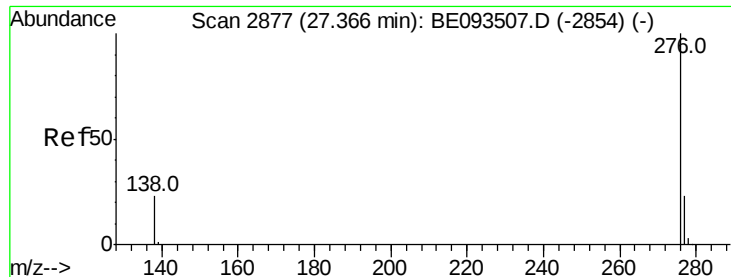
139 23.1 21.4 32.0

279 26.4 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: 0.095 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093518.D

Acq: 21 Jul 2017 21:10

Instrument :

BNA_E

ClientSampleId :

3578-CC7DL

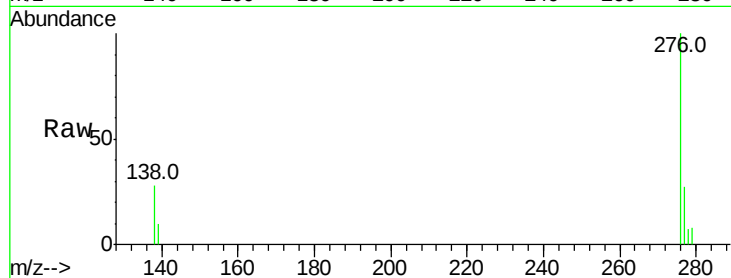
Tot Ion:276 Resp: 8367

Ion Ratio Lower Upper

276 100

277 26.8 21.2 31.8

138 27.8 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

