

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095545.D
 Acq On : 7 Feb 2018 8:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:12:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1175	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4599	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2693	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6194	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6372	0.40	ng	0.00
34) Perylene-d12	24.43	264	5856	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1415	0.40	ng	0.00
5) Phenol-d6	7.55	99	1919	0.39	ng	-0.01
8) Nitrobenzene-d5	9.62	82	1891	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3121	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	427	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4784	0.41	ng	0.00
25) Fluoranthene-d10	19.69	212	32912	0.40	ng	0.00
29) Terphenyl-d14	20.25	244	5462	0.40	ng	0.00

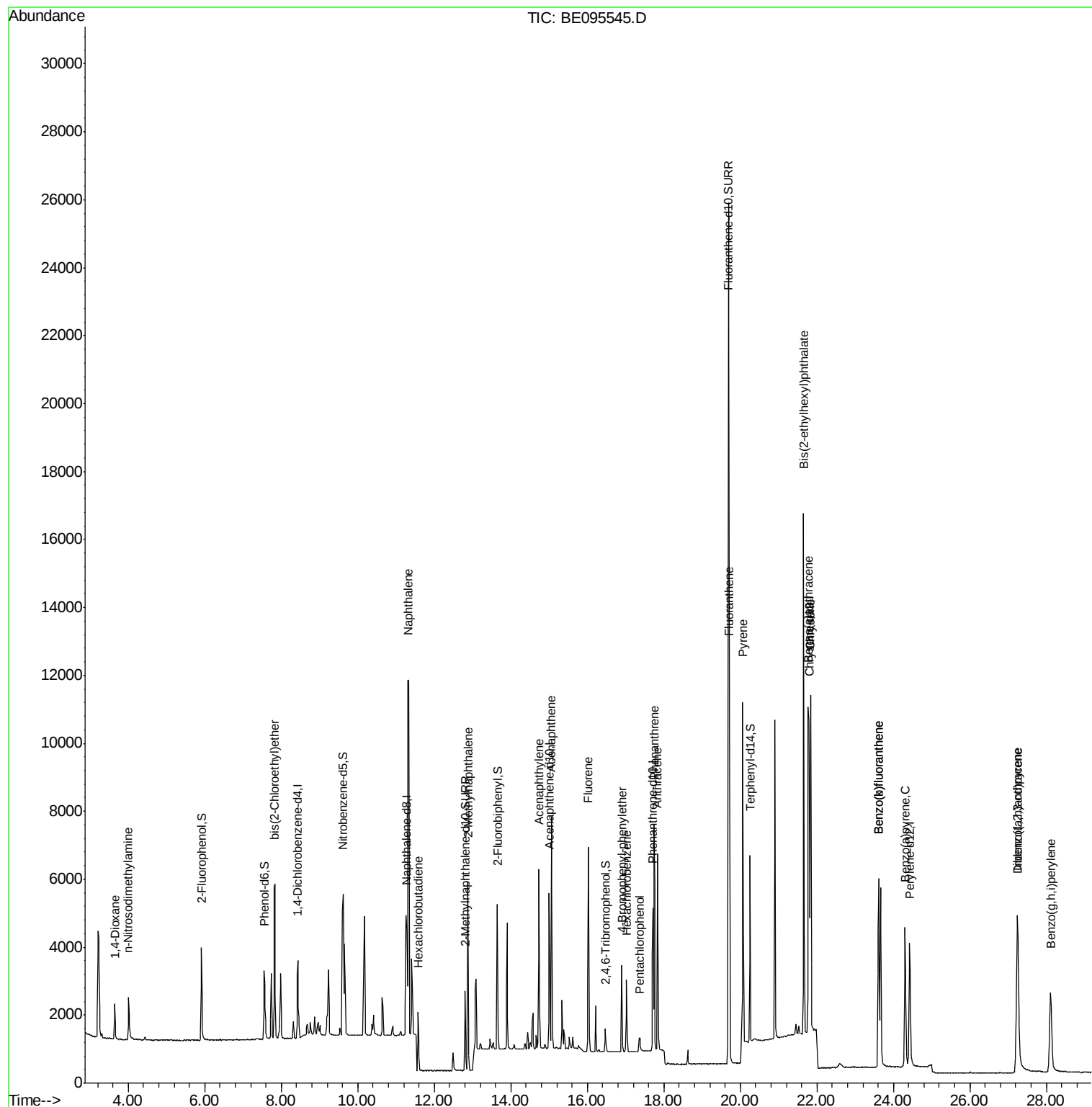
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	797	0.410	ng	# 89
3) n-Nitrosodimethylamine	4.00	42	944	0.386	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	1851	0.410	ng	94
9) Naphthalene	11.33	128	21623	0.405	ng	100
10) Hexachlorobutadiene	11.58	225	1109	0.387	ng	97
12) 2-Methylnaphthalene	12.88	142	3714	0.409	ng	97
16) Acenaphthylene	14.73	152	5956	0.388	ng	100
17) Acenaphthene	15.06	154	3760	0.394	ng	95
18) Fluorene	16.02	166	4741	0.395	ng	# 78
20) 4-Bromophenyl-phenylether	16.91	248	1548	0.416	ng	# 68
21) Hexachlorobenzene	17.03	284	1627	0.423	ng	# 82
22) Pentachlorophenol	17.37	266	339	0.376	ng	# 75
23) Phenanthrene	17.74	178	7900	0.415	ng	98
24) Anthracene	17.83	178	7020	0.395	ng	# 95
26) Fluoranthene	19.72	202	9753	0.406	ng	98
28) Pyrene	20.06	202	9844	0.368	ng	97
30) Benzo(a)anthracene	21.78	228	8739	0.412	ng	98
31) Chrysene	21.84	228	8640	0.413	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	17019	0.348	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	7809	0.386	ng	94
35) Benzo(b)fluoranthene	23.61	252	8181	0.410	ng	# 90
36) Benzo(k)fluoranthene	23.61	252	8181	0.399	ng	93
37) Benzo(a)pyrene	24.31	252	7418	0.399	ng	93
38) Dibenzo(a,h)anthracene	27.26	278	6221	0.382	ng	98
39) Benzo(g,h,i)perylene	28.11	276	6786	0.389	ng	# 92

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

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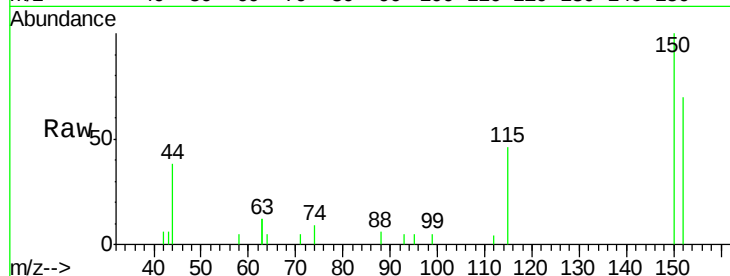


#1

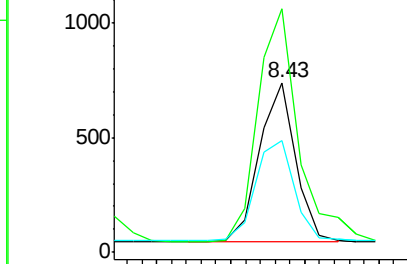
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

Instrument :
BNA_E
ClientSampleId :

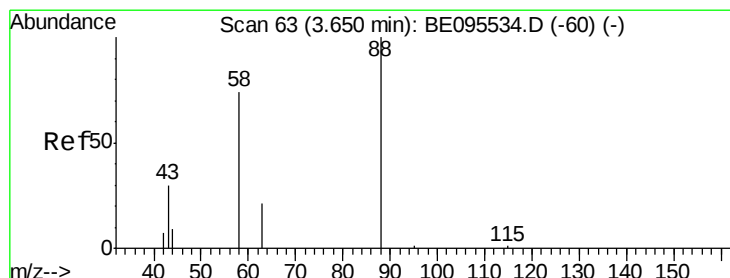
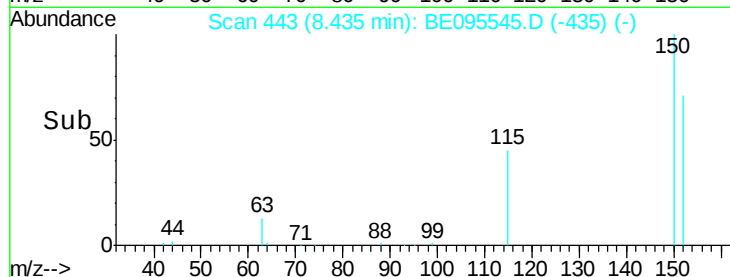
Tot Ion:152 Resp: 1175
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 65.9 57.0 85.6



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



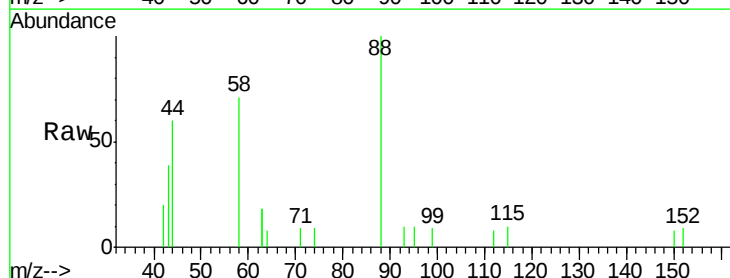
Time-->



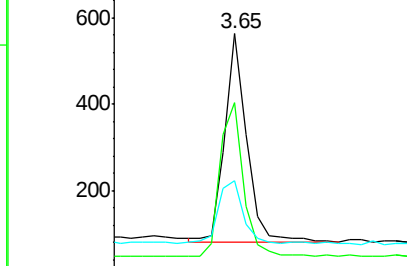
#2

1,4-Dioxane
Concen: 0.410 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

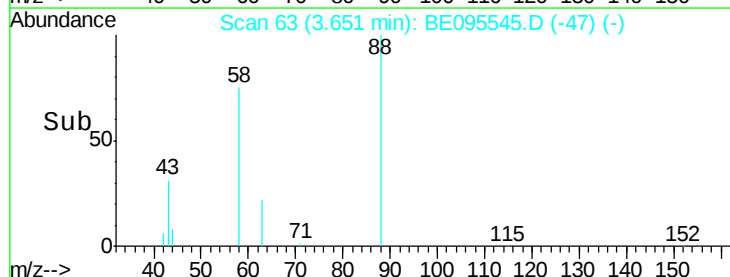
Tgt Ion: 88 Resp: 797
Ion Ratio Lower Upper
88 100
58 80.4 63.2 94.8
43 33.8 41.2 61.8#

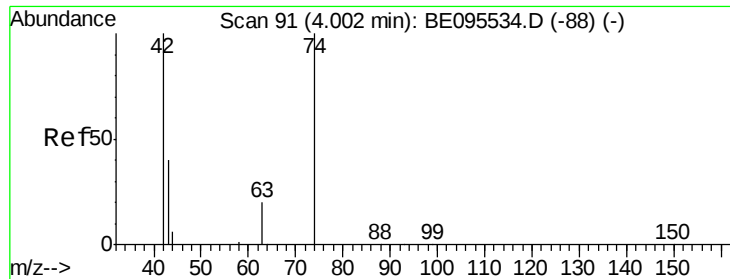


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 4.00 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

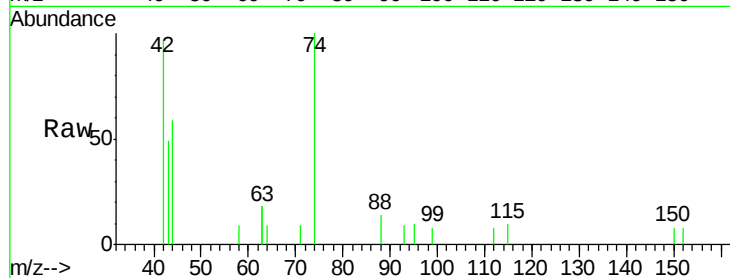
Tot Ion: 42 Resp: 944

Ion Ratio Lower Upper

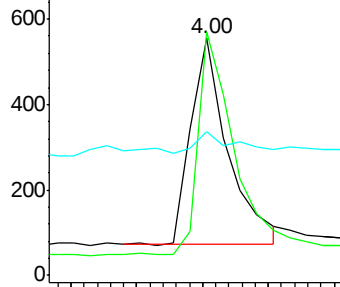
42 100

74 103.0 96.0 144.0

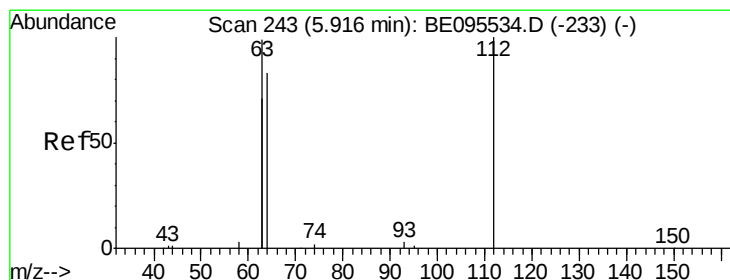
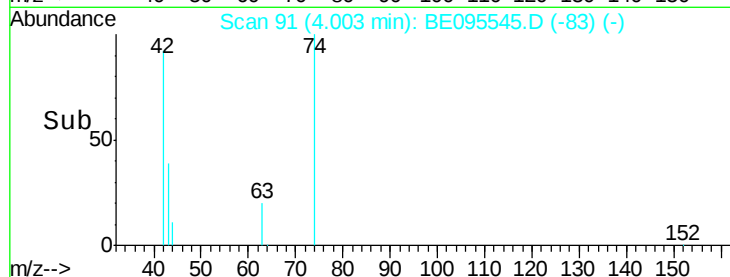
44 10.2 12.0 18.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.399 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

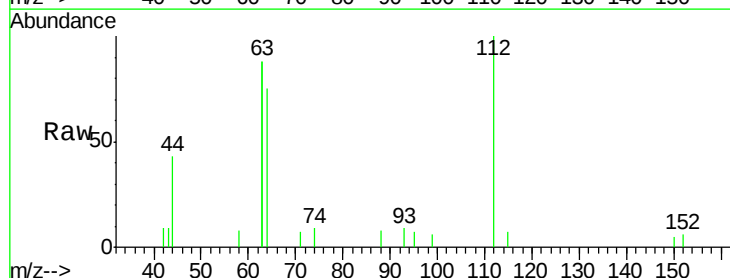
Tgt Ion: 112 Resp: 1415

Ion Ratio Lower Upper

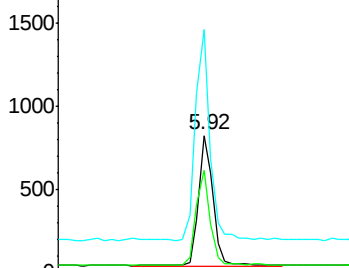
112 100

64 69.8 60.1 90.1

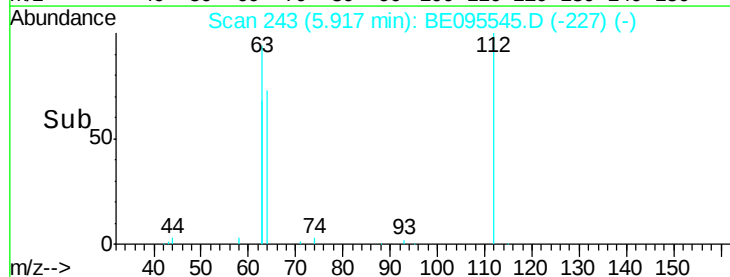
63 161.1 116.8 175.2

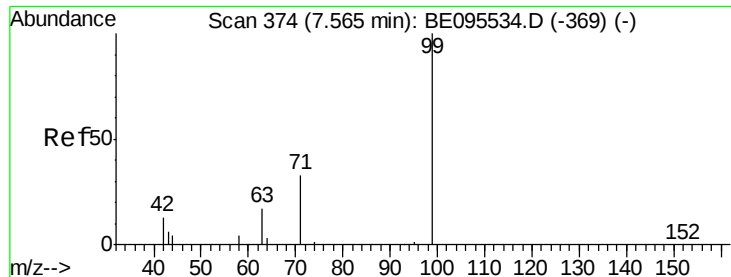


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.391 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

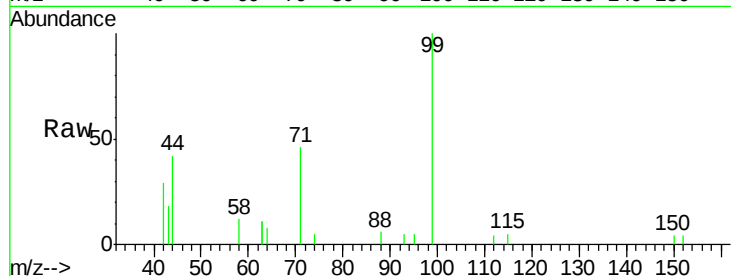
Tot Ion: 99 Resp: 1919

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

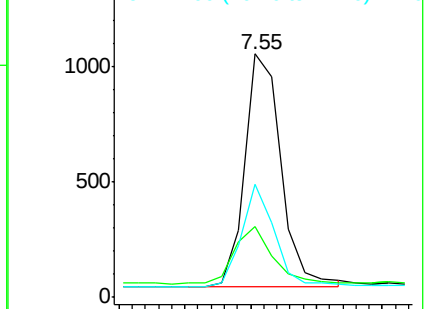
71 39.6 28.4 42.6



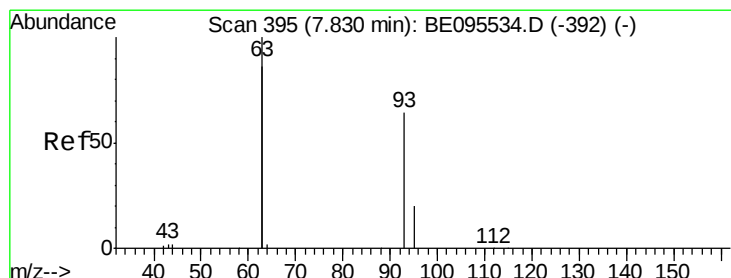
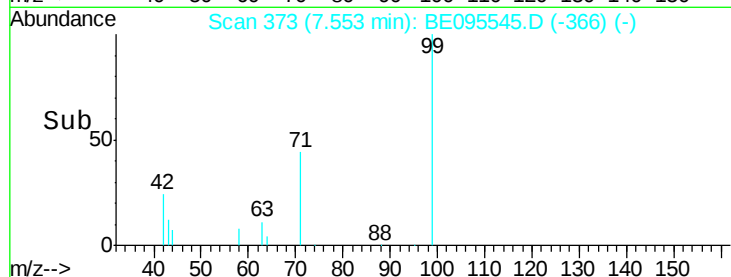
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.45 7.50 7.55 7.60 7.65



#6

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

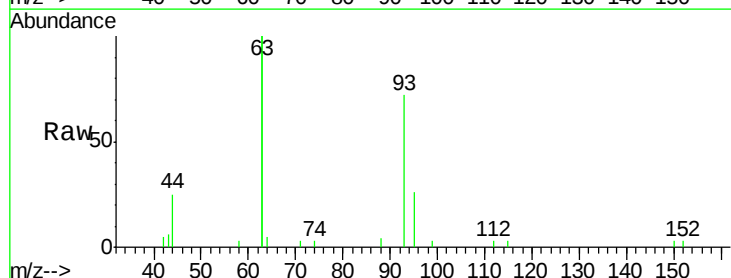
Tgt Ion: 93 Resp: 1851

Ion Ratio Lower Upper

93 100

63 331.4 275.3 412.9

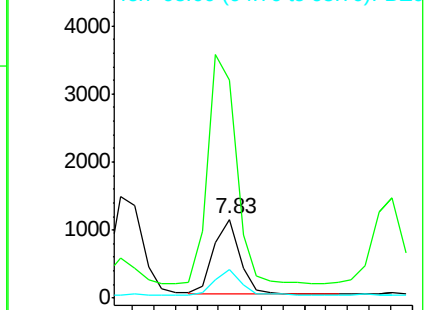
95 32.8 25.2 37.8



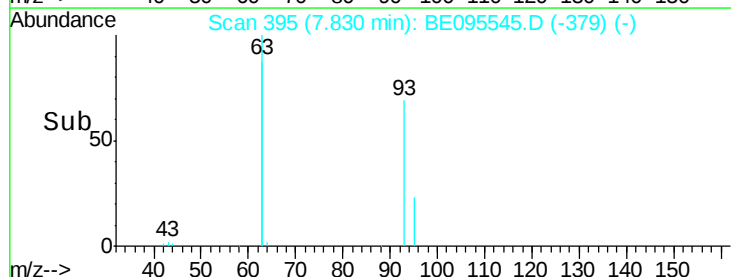
Abundance Ion 93.00 (92.70 to 93.70): BE0

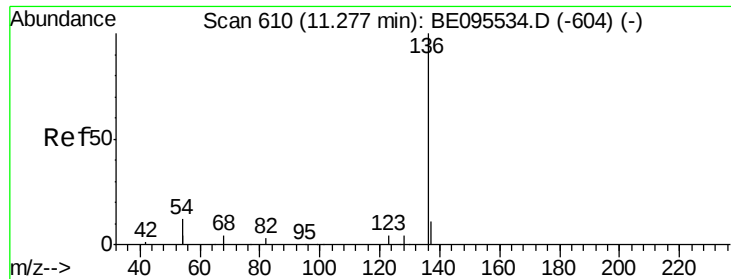
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.80 7.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4599

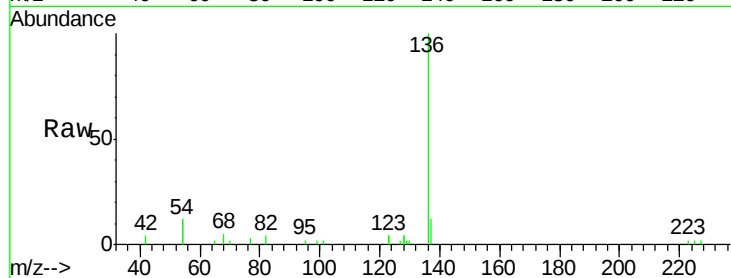
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 23.6 29.1 43.7#

68 5.4 6.2 9.2#

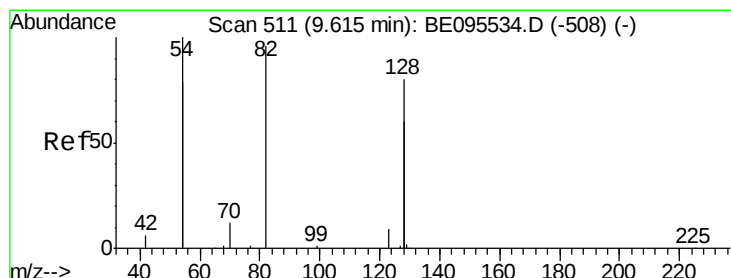
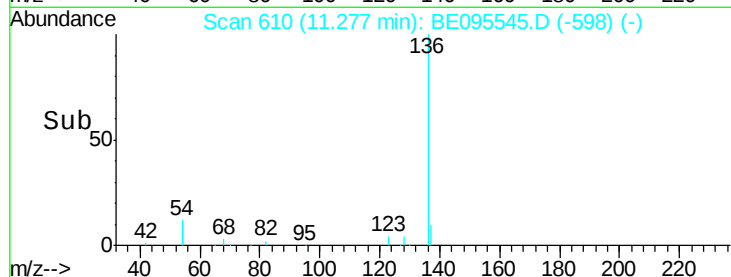
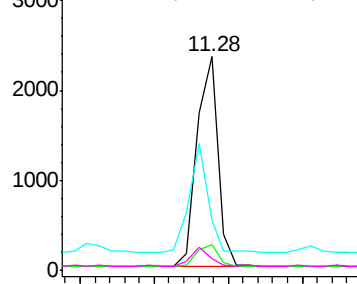


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 9.62 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

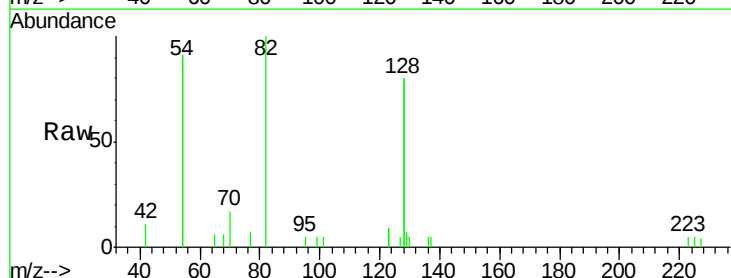
Tgt Ion: 82 Resp: 1891

Ion Ratio Lower Upper

82 100

128 160.6 150.0 225.0

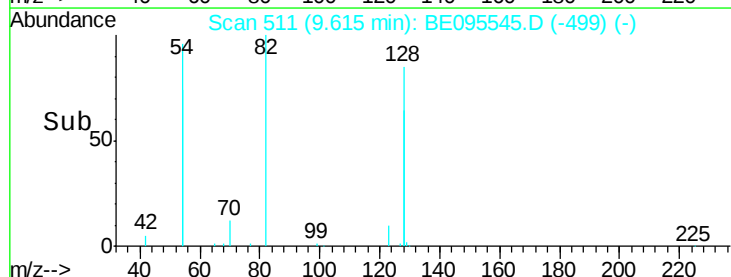
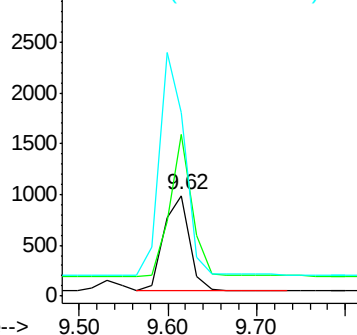
54 182.2 154.2 231.4

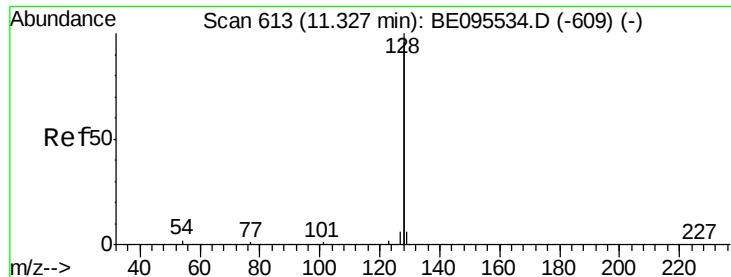


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampled :

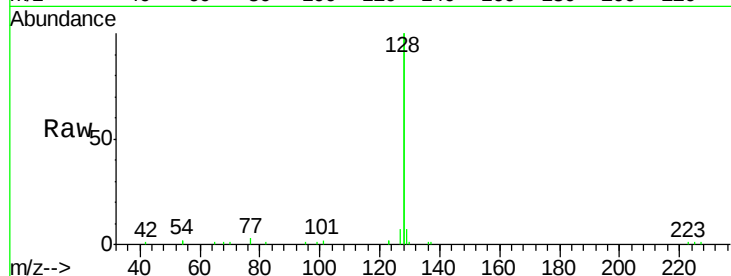
Tot Ion:128 Resp: 21623

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

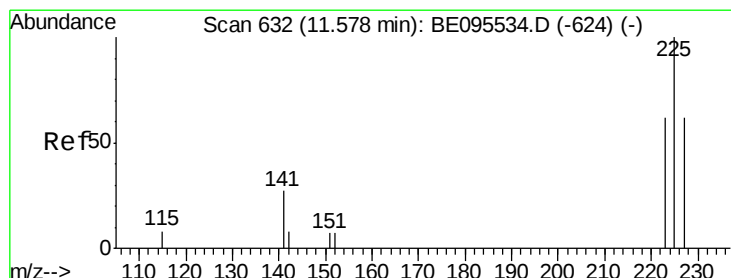
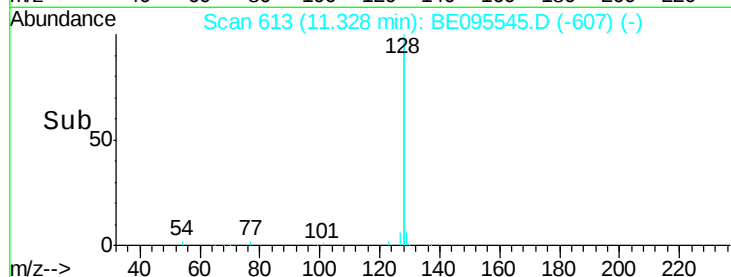
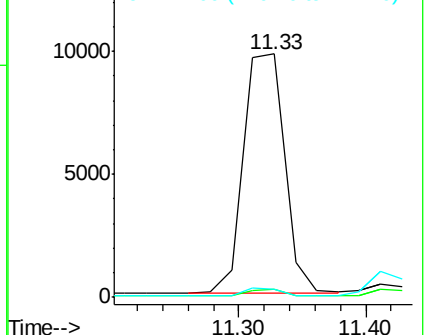
127 3.5 2.8 4.2



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: 0.387 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

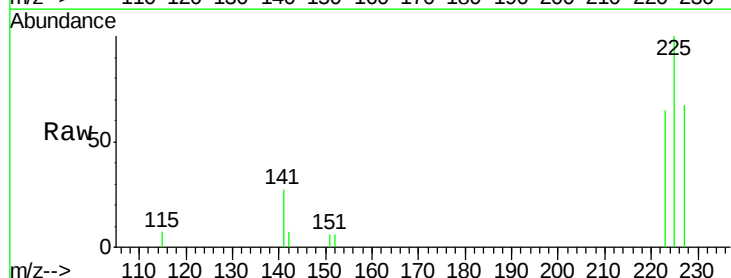
Tgt Ion:225 Resp: 1109

Ion Ratio Lower Upper

225 100

223 61.7 53.0 79.6

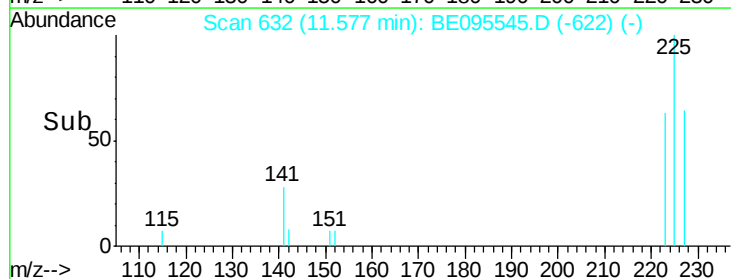
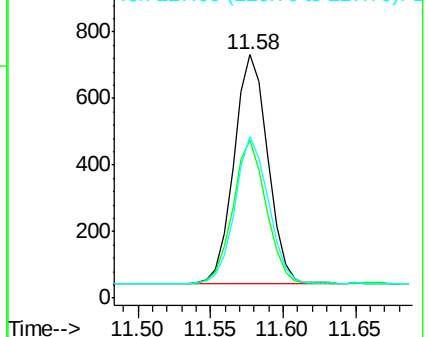
227 63.6 51.4 77.2

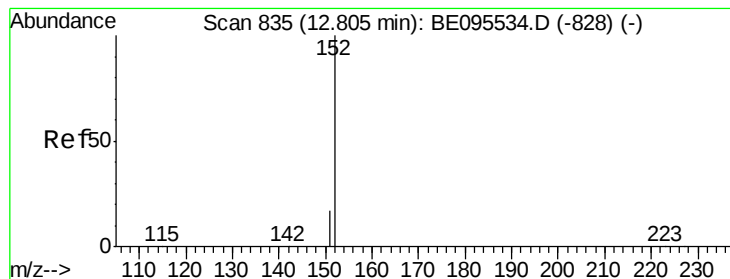


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

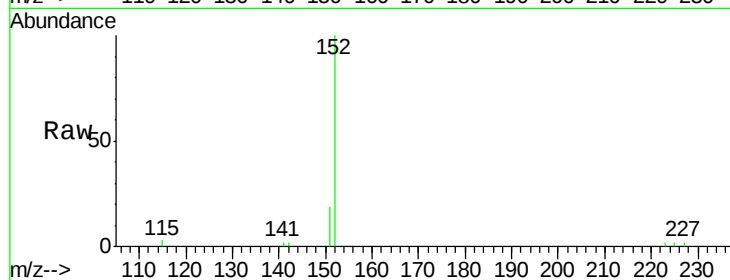
ClientSampleId :

Tot Ion:152 Resp: 3121

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

2000

1500

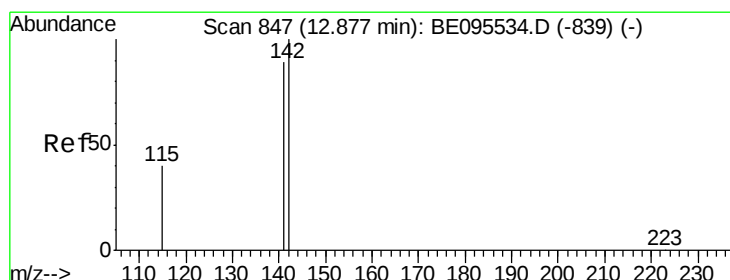
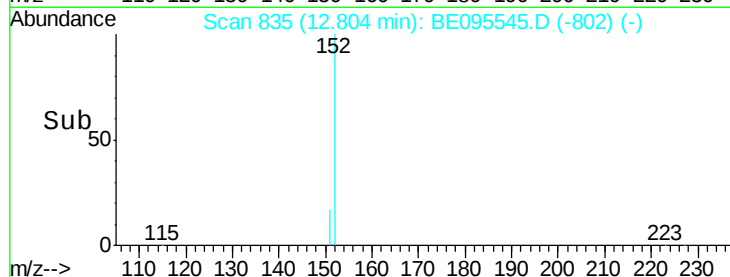
1000

500

0

Time-->

12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

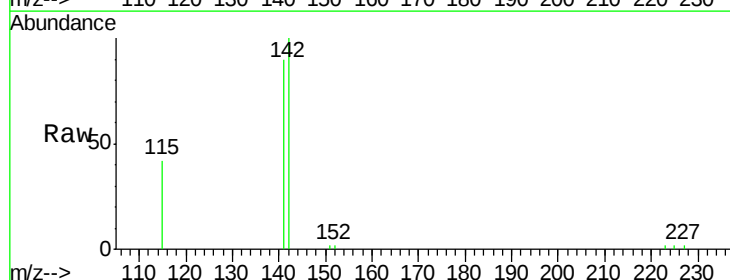
Tgt Ion:142 Resp: 3714

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

115 41.5 31.7 47.5



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

12.88

3000

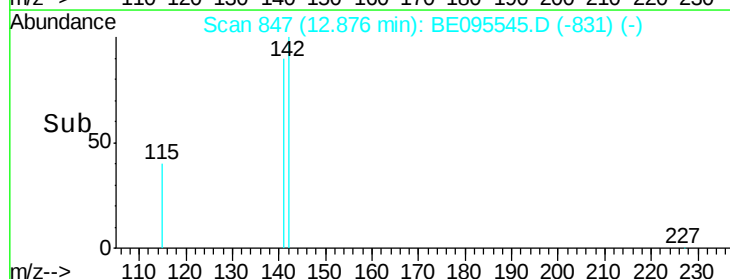
2000

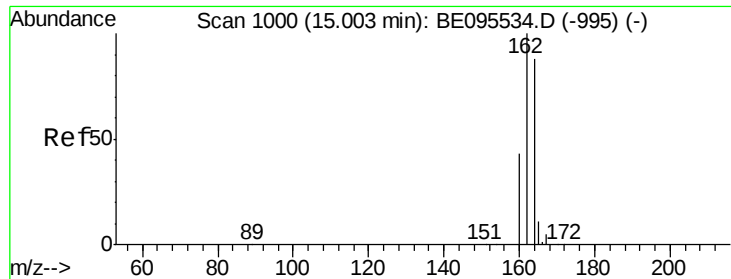
1000

0

Time-->

12.80 12.90

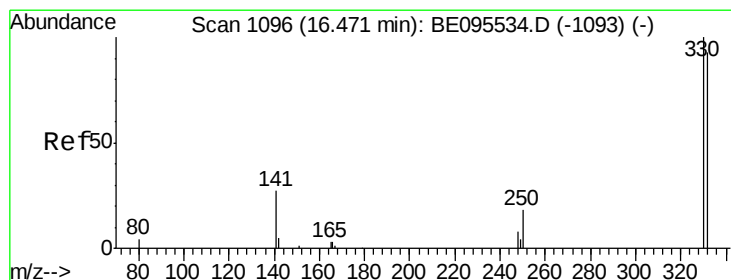
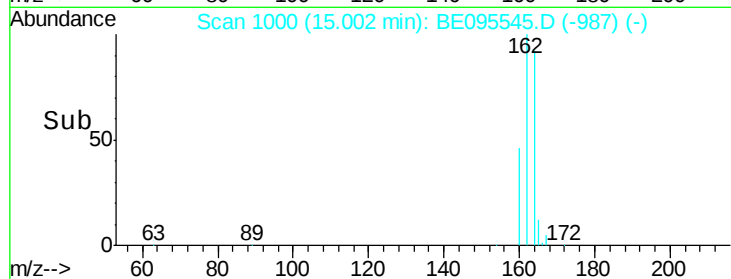
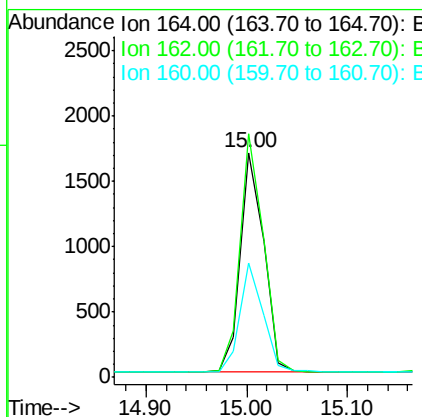
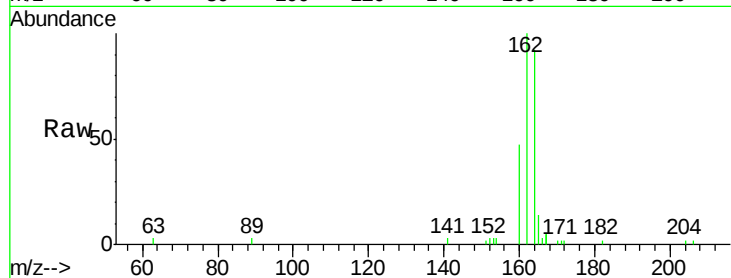




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095545.D
 Acq: 7 Feb 2018 8:41

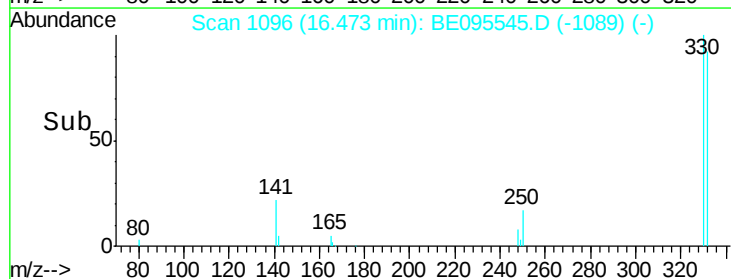
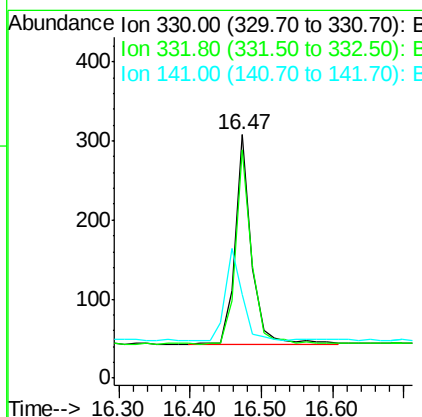
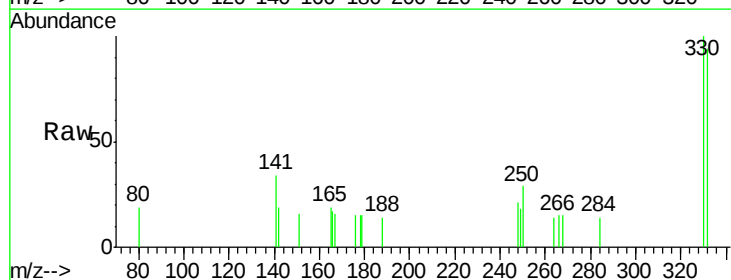
Instrument :
 BNA_E
 ClientSampleId :

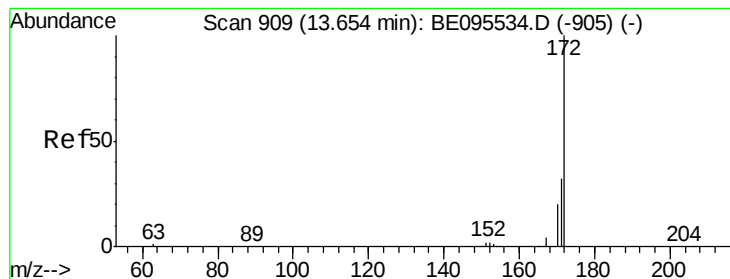
Tot Ion:164 Resp: 2693
 Ion Ratio Lower Upper
 164 100
 162 108.4 83.1 124.7
 160 51.1 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095545.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:330 Resp: 427
 Ion Ratio Lower Upper
 330 100
 332 91.3 152.7 229.1#
 141 43.8 33.7 50.5

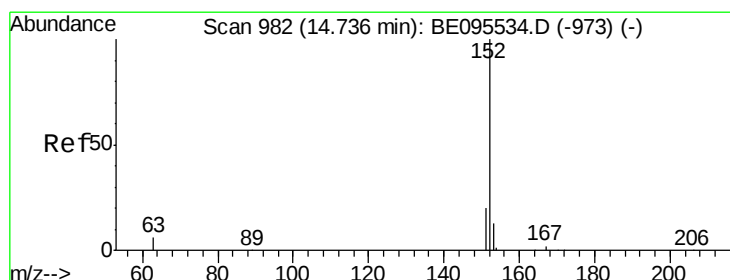
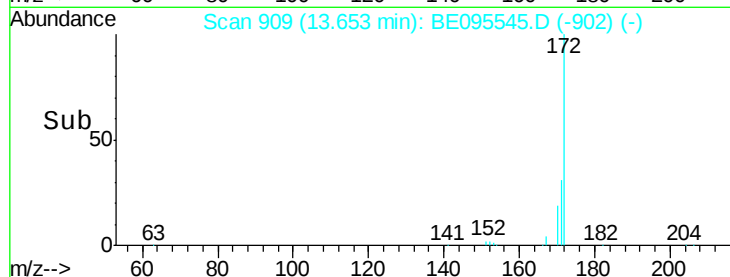
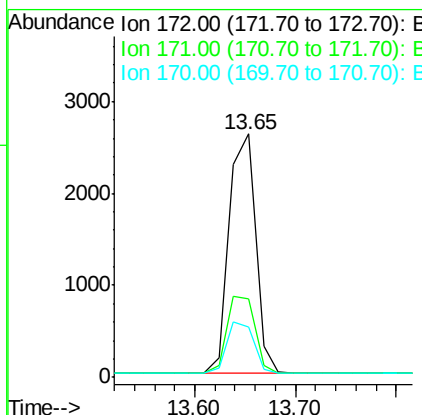
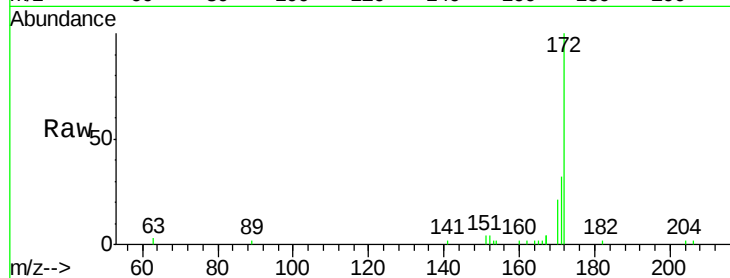




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

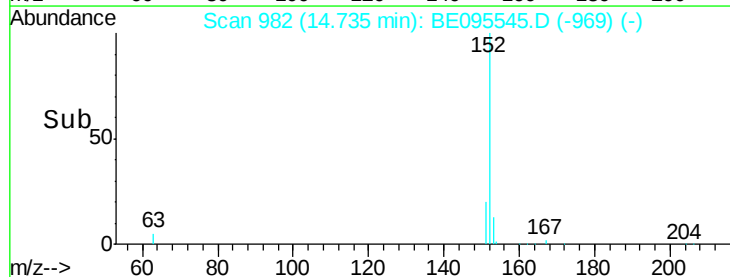
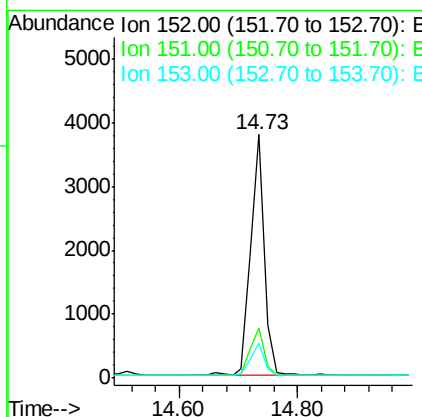
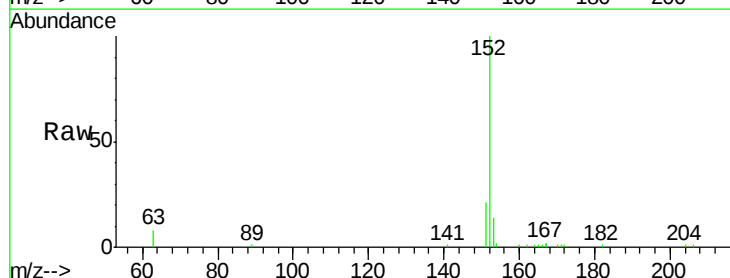
Instrument :
BNA_E
ClientSampleId :

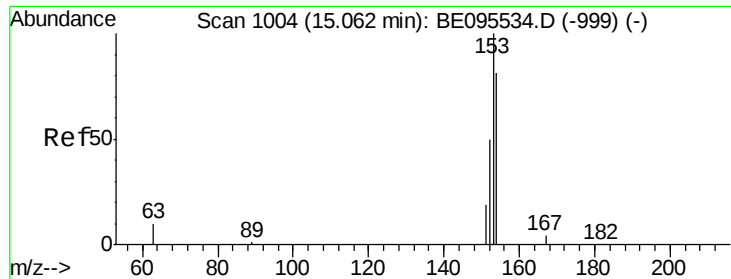
Tot Ion:172 Resp: 4784
Ion Ratio Lower Upper
172 100
171 32.5 29.9 44.9
170 20.7 21.8 32.8#



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

Tgt Ion:152 Resp: 5956
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.394 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

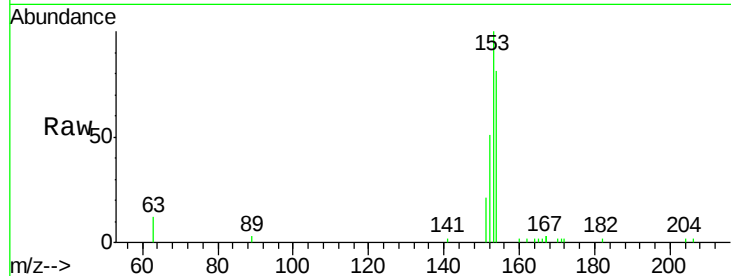
Tot Ion:154 Resp: 3760

Ion Ratio Lower Upper

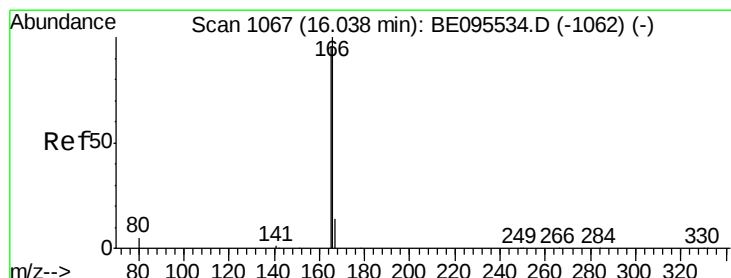
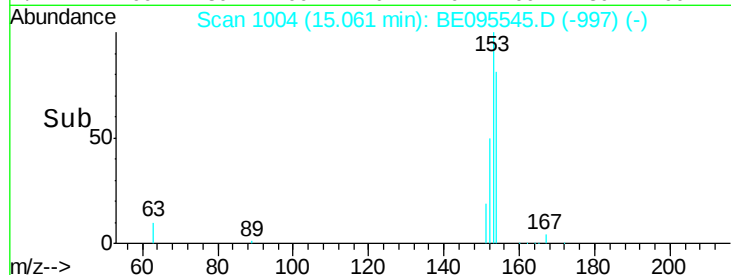
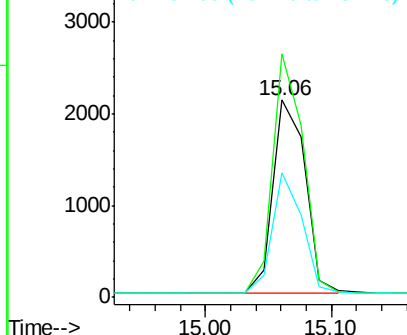
154 100

153 116.3 89.2 133.8

152 57.4 42.0 63.0



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: 0.395 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

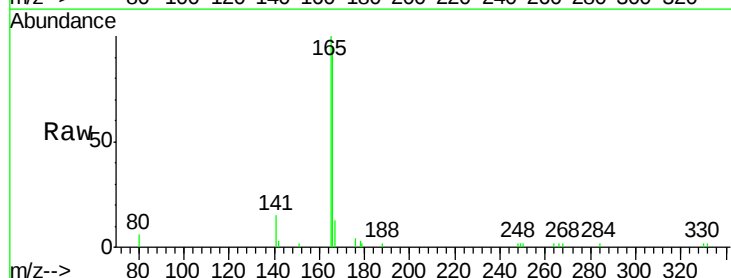
Tgt Ion:166 Resp: 4741

Ion Ratio Lower Upper

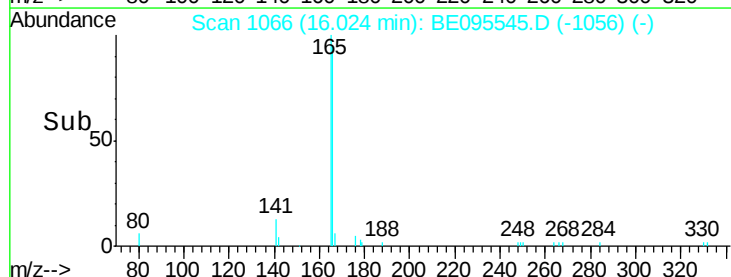
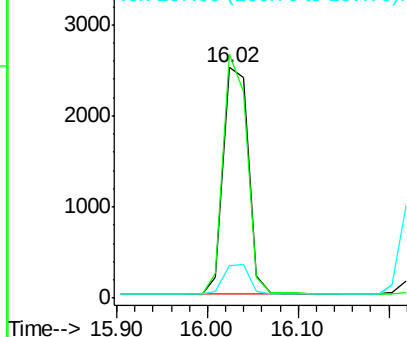
166 100

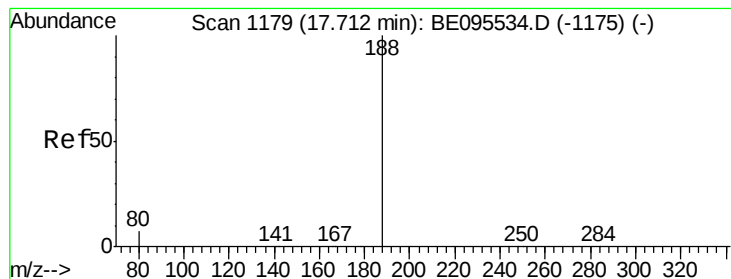
165 100.8 77.8 116.6

167 13.0 42.4 63.6#



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: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampled :

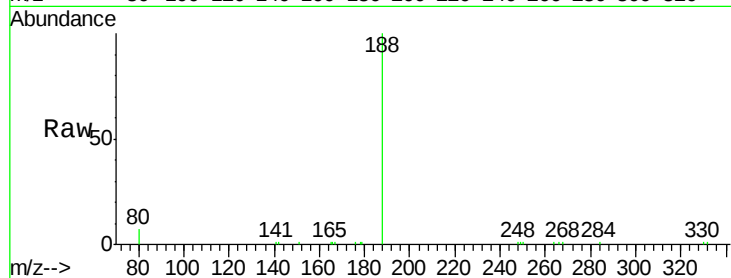
Tot Ion:188 Resp: 6194

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

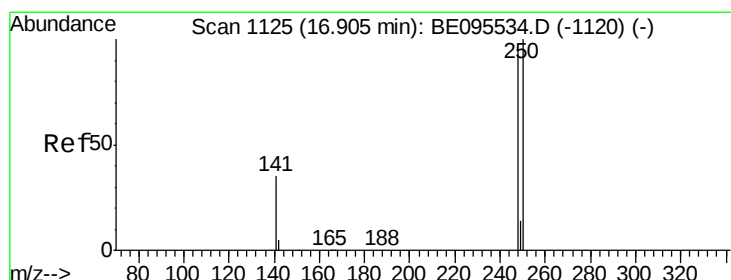
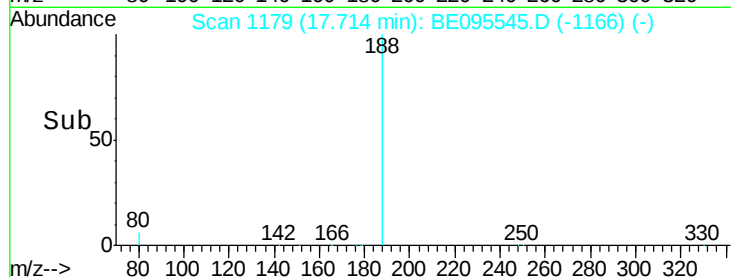
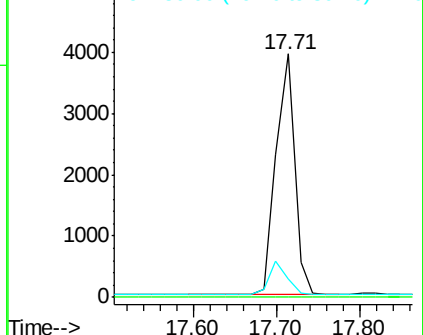
80 7.5 3.6 5.4#



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: 0.416 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

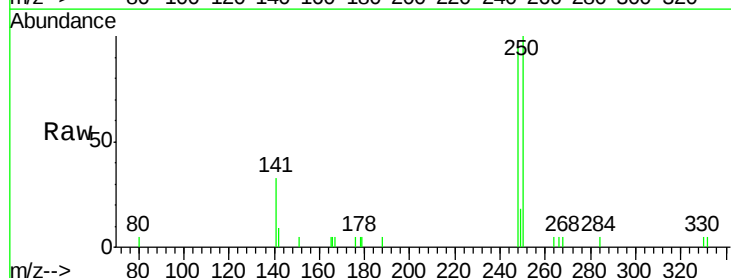
Tgt Ion:248 Resp: 1548

Ion Ratio Lower Upper

248 100

250 105.1 62.7 94.1#

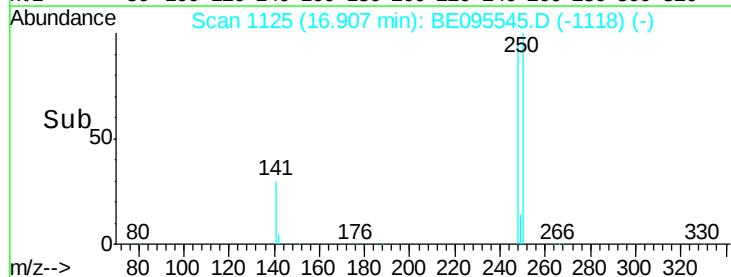
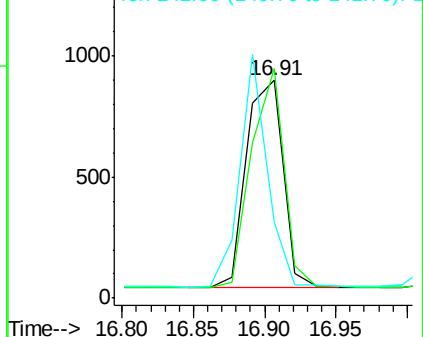
141 34.9 48.2 72.2#

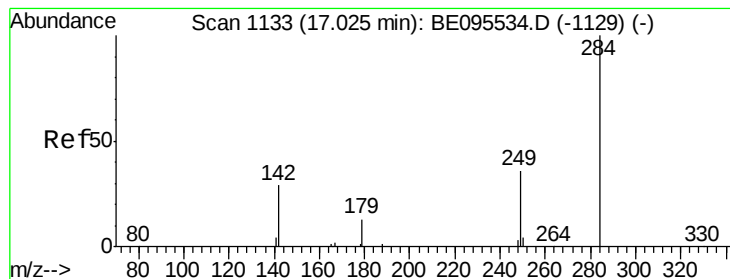


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

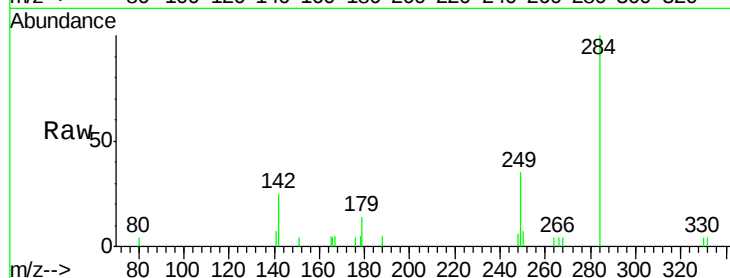
Tot Ion:284 Resp: 1627

Ion Ratio Lower Upper

284 100

142 39.4 22.1 33.1#

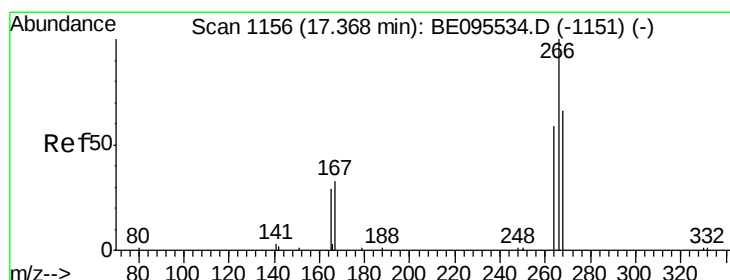
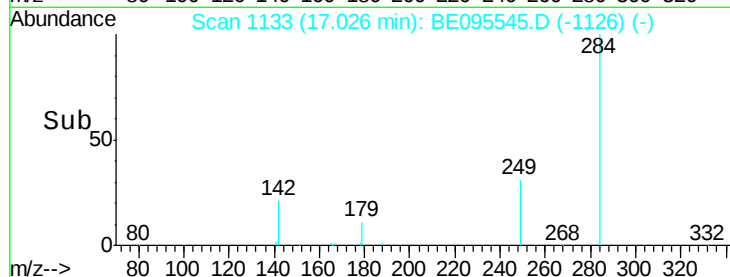
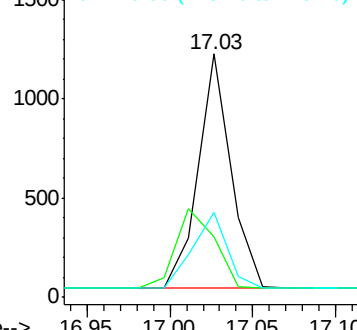
249 34.1 34.8 52.2#



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: 0.376 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

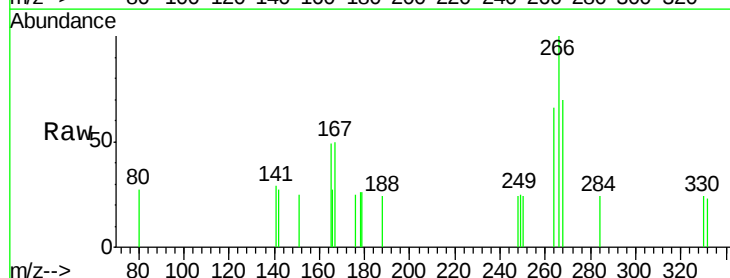
Tgt Ion:266 Resp: 339

Ion Ratio Lower Upper

266 100

264 65.8 72.5 108.7#

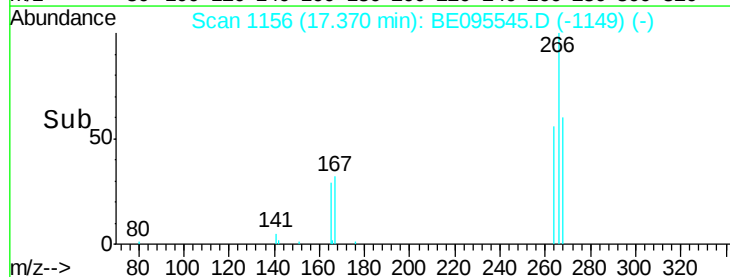
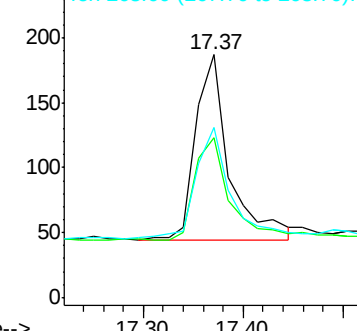
268 70.1 73.8 110.6#

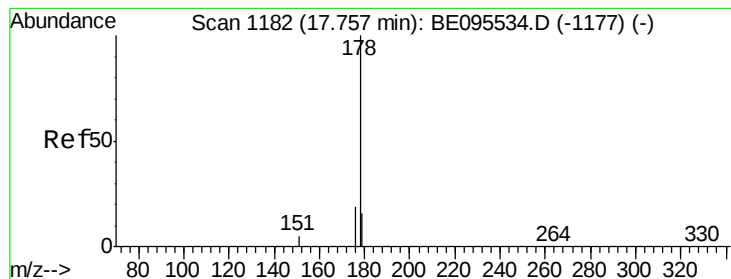


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

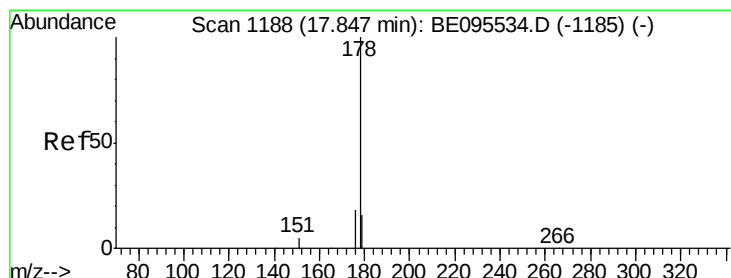
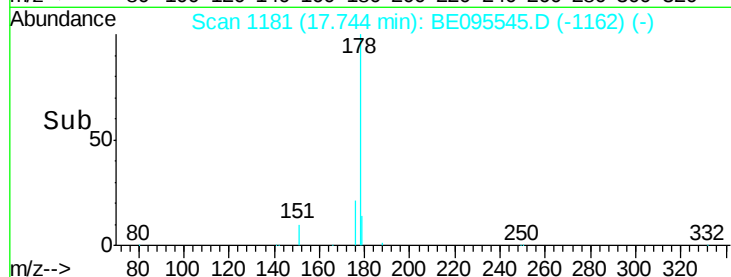
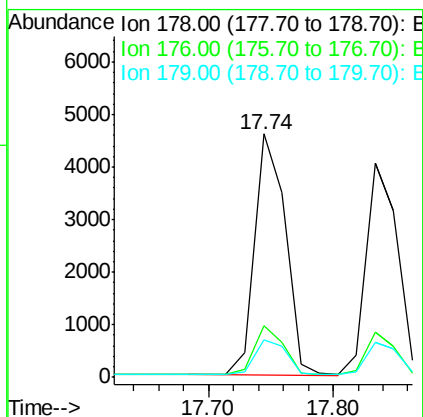
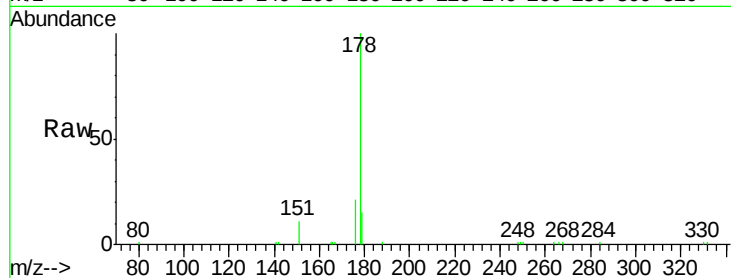
Tot Ion:178 Resp: 7900

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

179 14.8 11.8 17.6



#24

Anthracene

Concen: 0.395 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

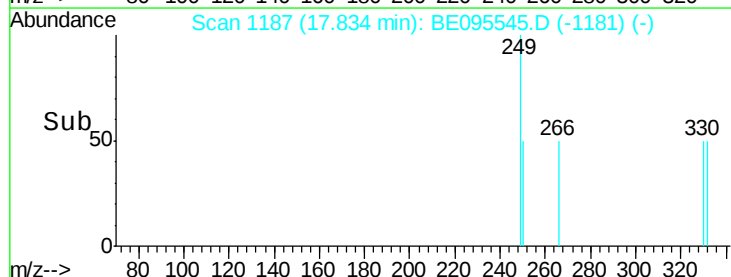
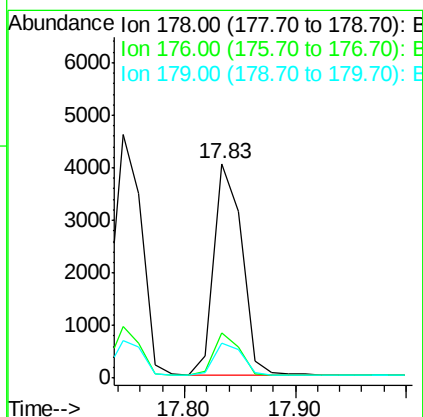
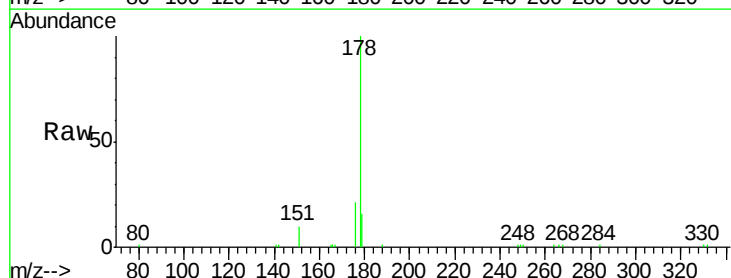
Tgt Ion:178 Resp: 7020

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

179 15.2 13.0 19.6

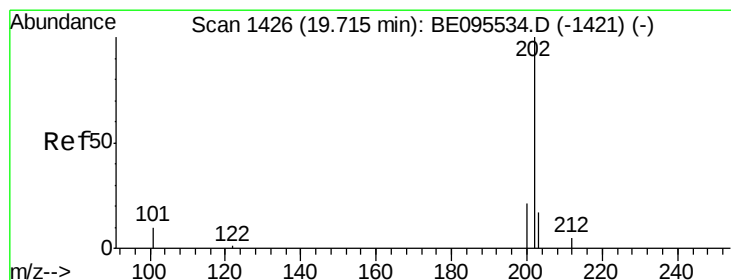
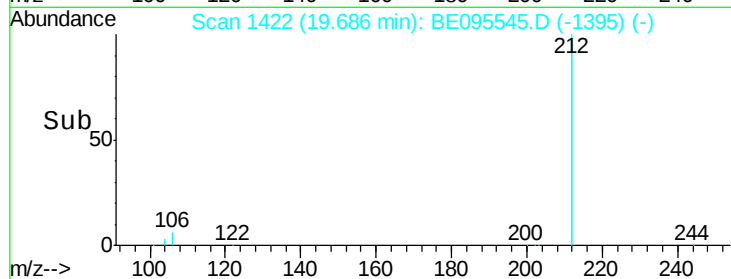
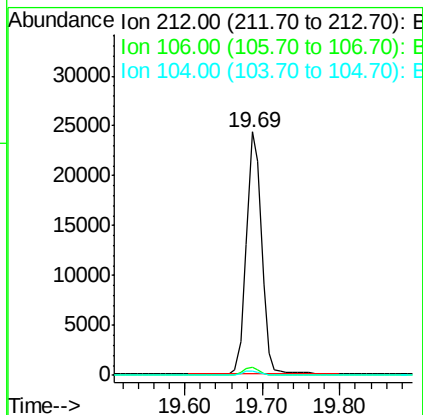
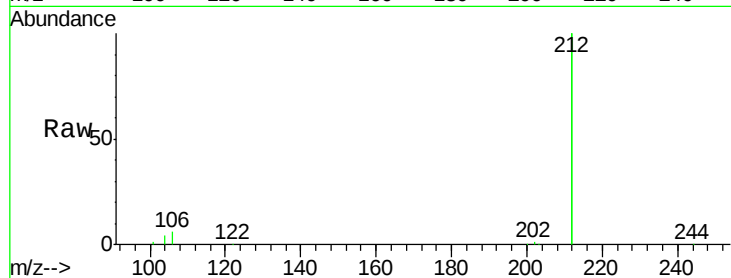




#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

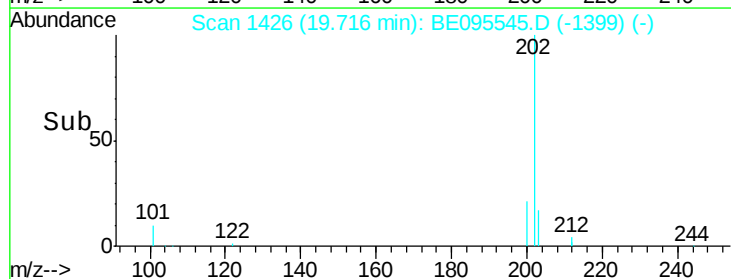
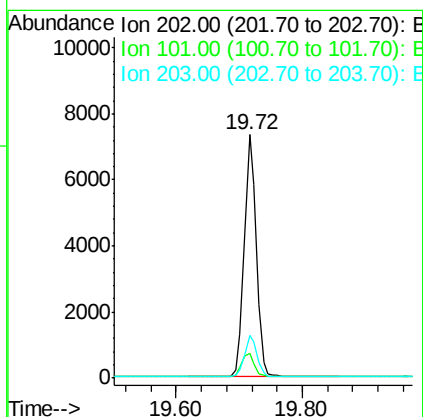
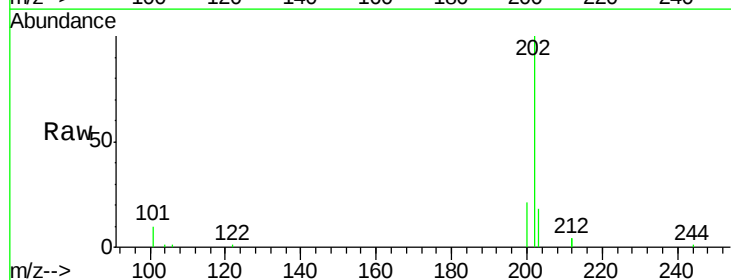
Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 32912
Ion Ratio Lower Upper
212 100
106 3.0 2.8 4.2
104 1.7 1.6 2.4



#26
Fluoranthene
Concen: 0.406 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

Tgt Ion:202 Resp: 9753
Ion Ratio Lower Upper
202 100
101 10.3 9.8 14.8
203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampled :

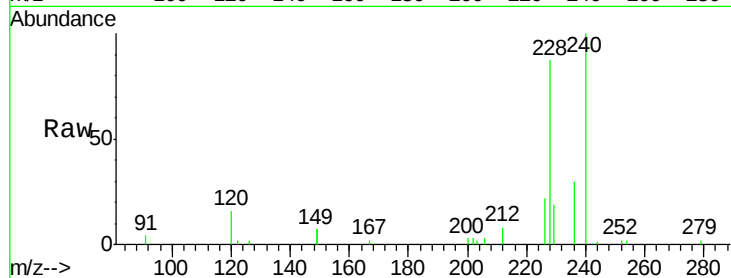
Tot Ion:240 Resp: 6372

Ion Ratio Lower Upper

240 100

120 16.5 5.5 8.3#

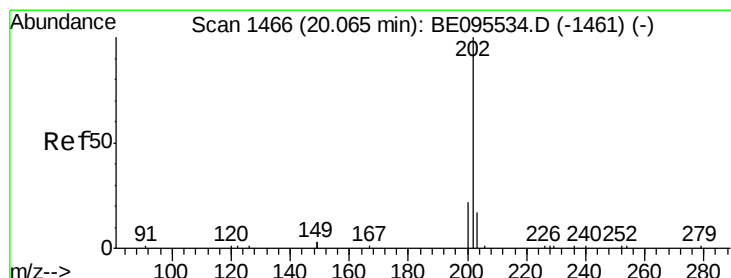
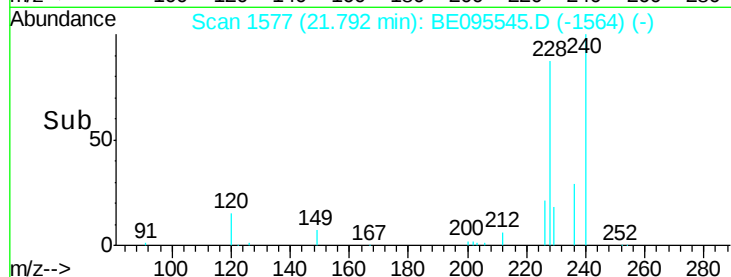
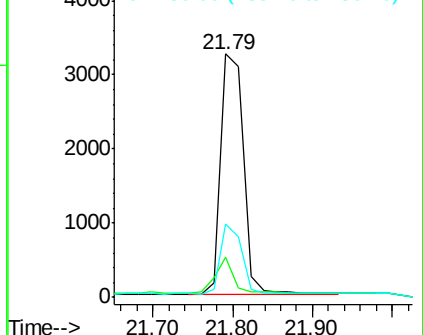
236 30.1 20.7 31.1



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: 0.368 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

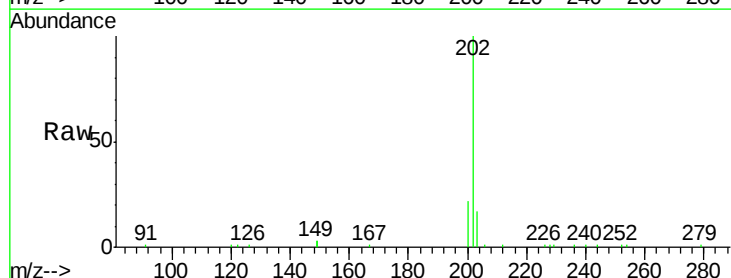
Tgt Ion:202 Resp: 9844

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

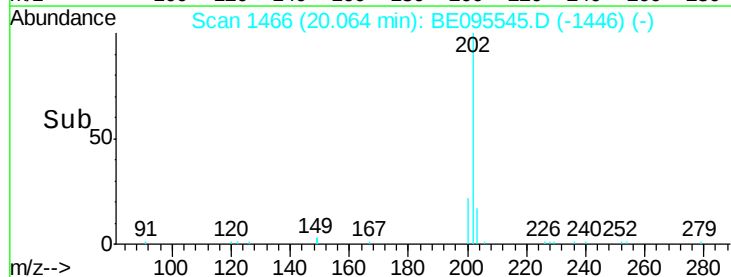
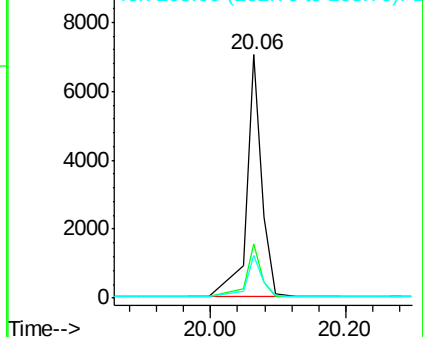
203 19.5 13.8 20.8



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: 0.402 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

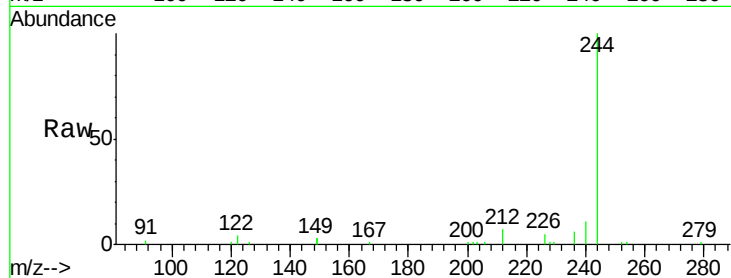
Tot Ion:244 Resp: 5462

Ion Ratio Lower Upper

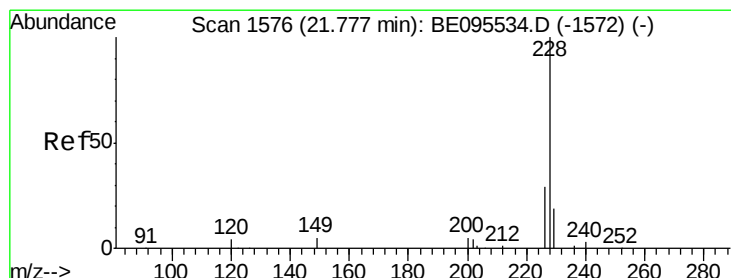
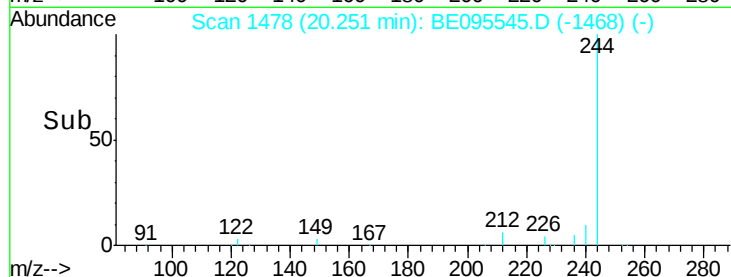
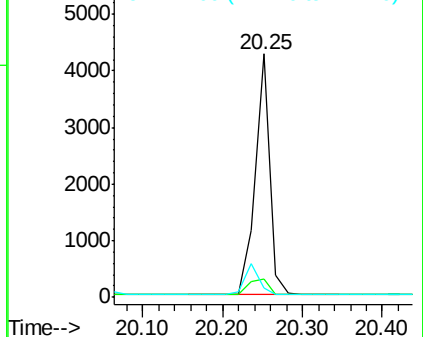
244 100

212 7.5 25.4 38.0#

122 3.7 8.1 12.1#



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: 0.412 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

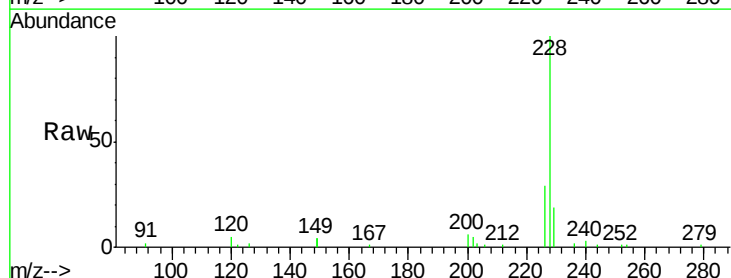
Tgt Ion:228 Resp: 8739

Ion Ratio Lower Upper

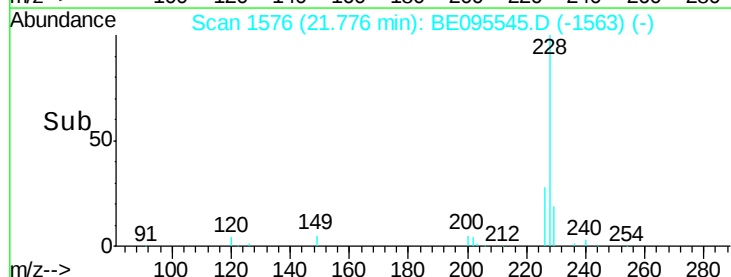
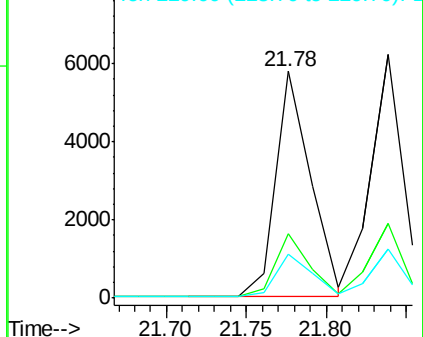
228 100

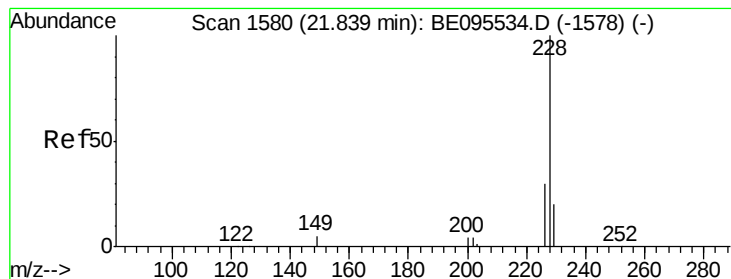
226 28.7 24.0 36.0

229 19.3 16.0 24.0



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





#31

Chrysene

Concen: 0.413 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :

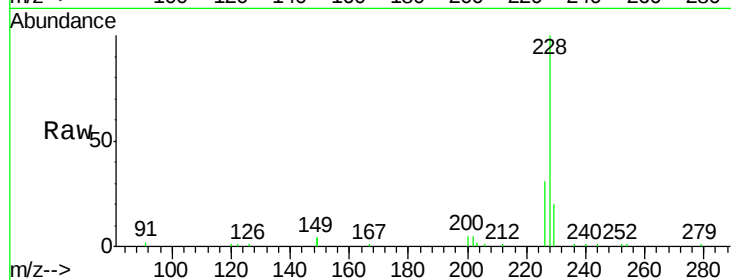
Tot Ion:228 Resp: 8640

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

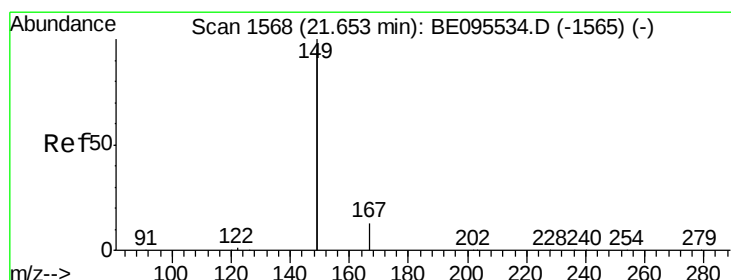
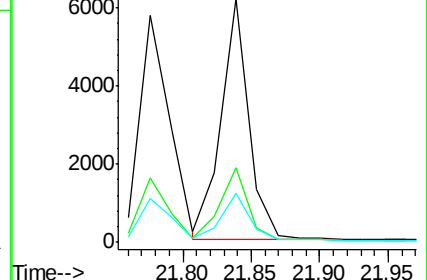
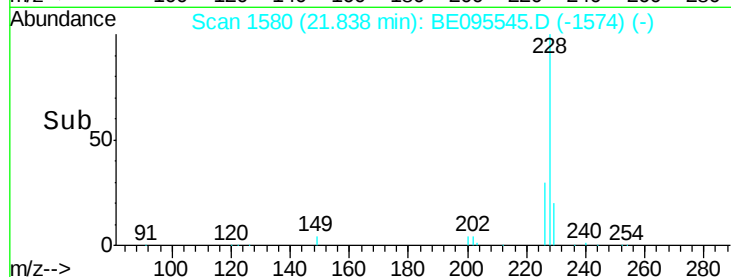
229 20.2 16.0 24.0



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: 0.348 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

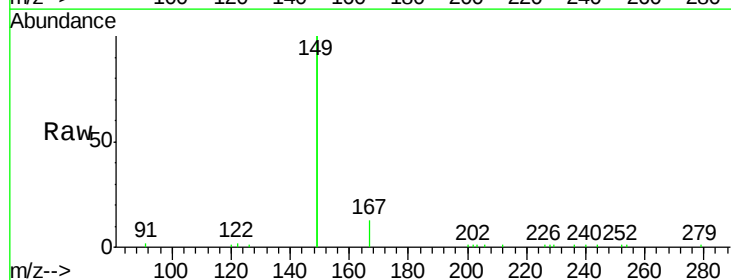
Tgt Ion:149 Resp: 17019

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

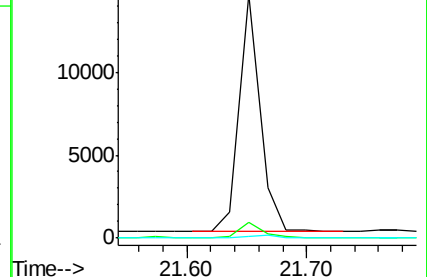
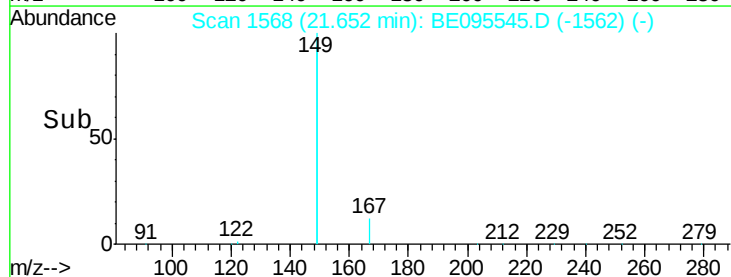
279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

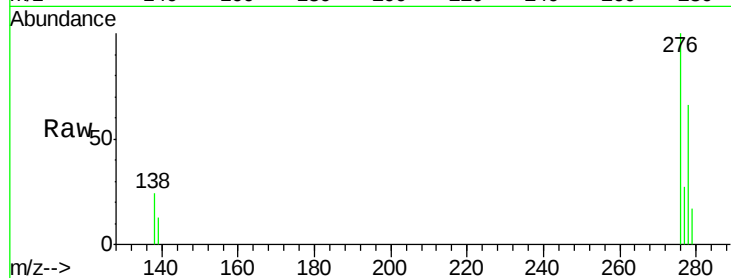




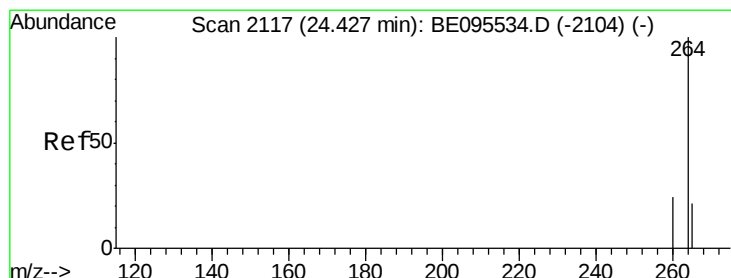
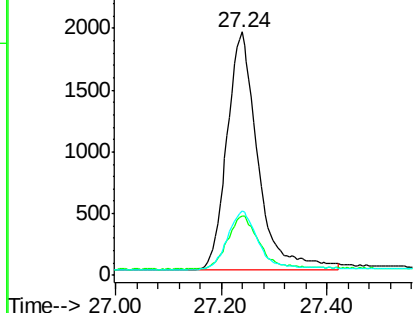
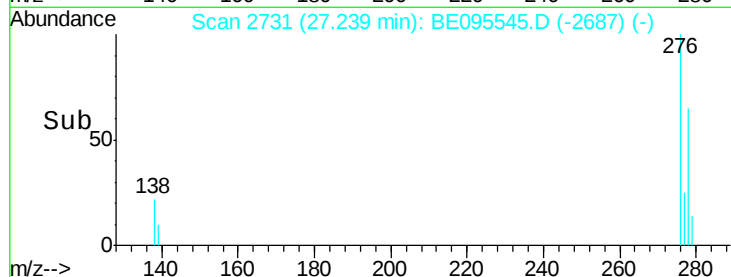
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BE095545.D
 Acq: 7 Feb 2018 8:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 7809
 Ion Ratio Lower Upper
 276 100
 138 22.9 22.5 33.7
 277 23.8 19.9 29.9

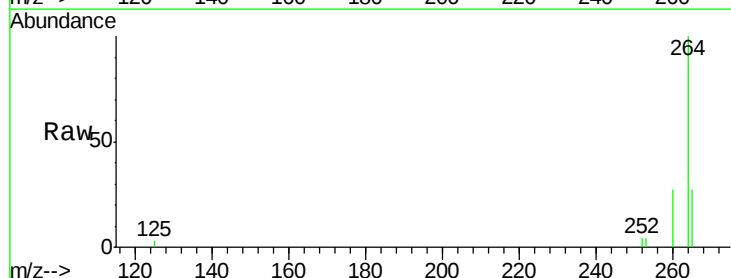


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

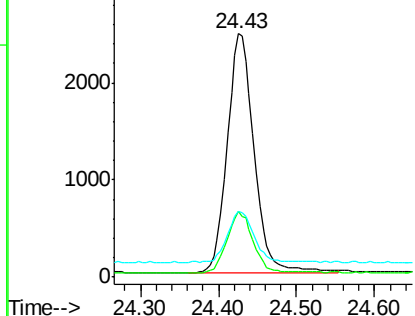
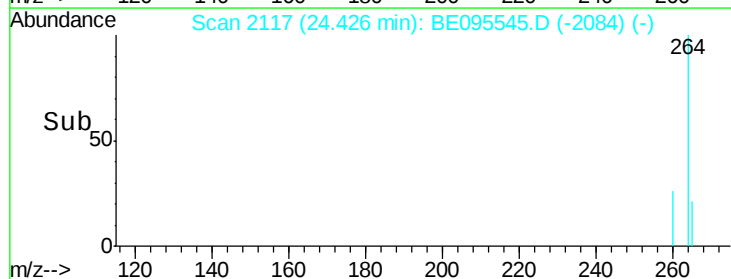


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095545.D
 Acq: 7 Feb 2018 8:41

Tgt Ion:264 Resp: 5856
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.5 30.7
 265 26.9 22.8 34.2



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

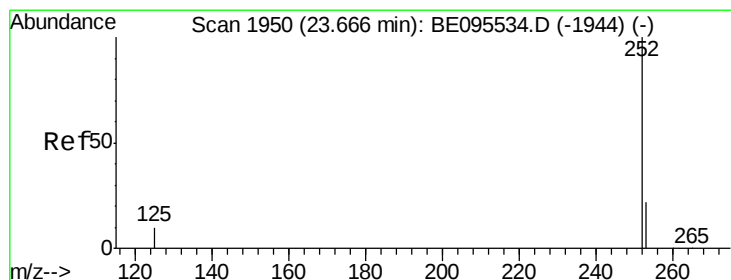
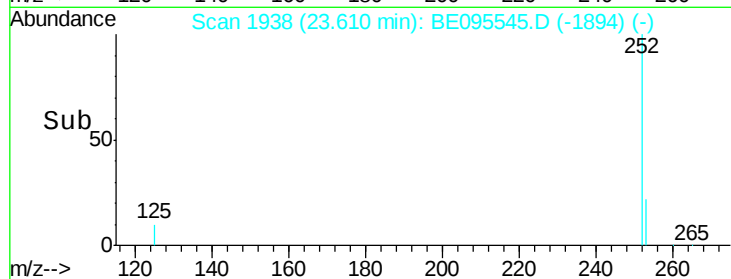
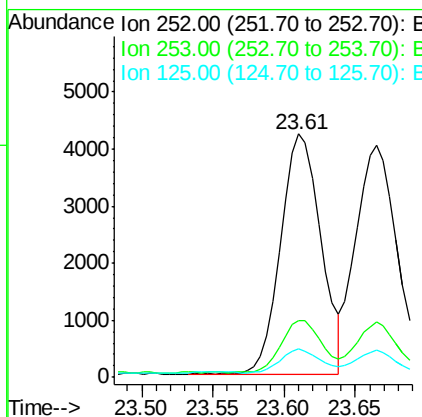
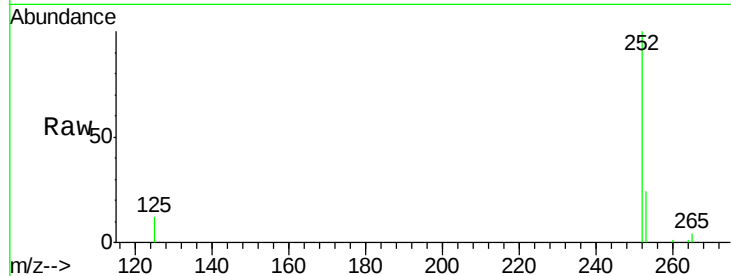




#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

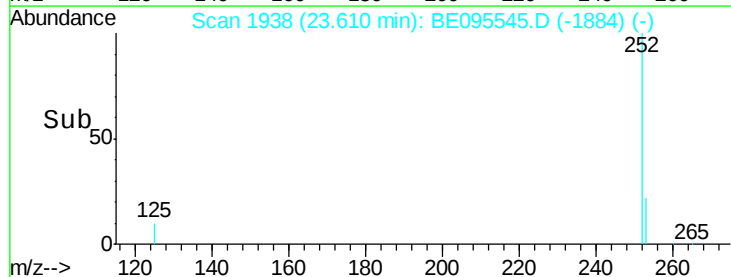
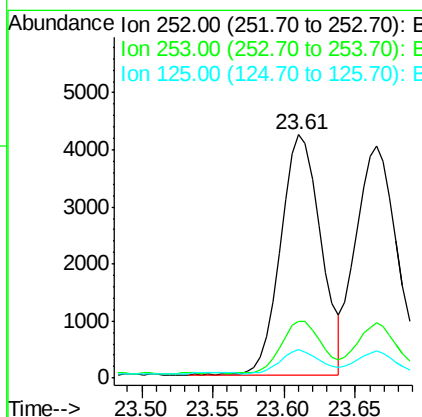
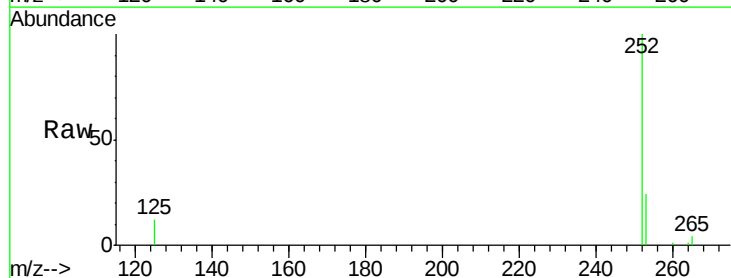
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 8181
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 11.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.06 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

Tgt Ion:252 Resp: 8181
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 11.6 8.0 12.0

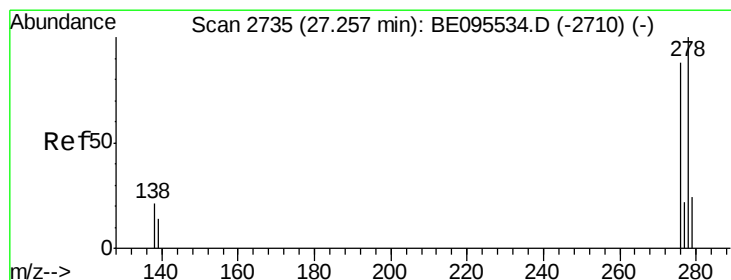
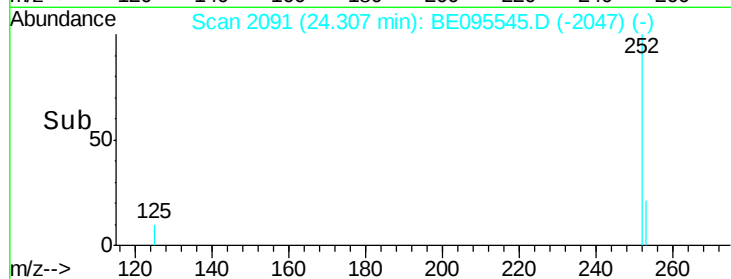
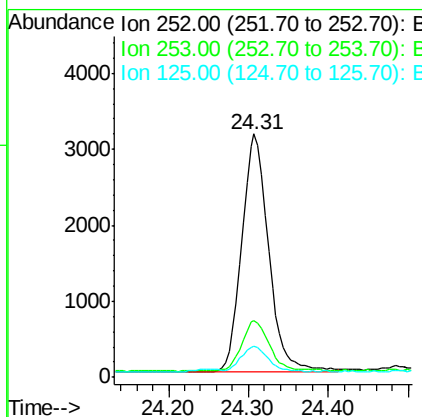
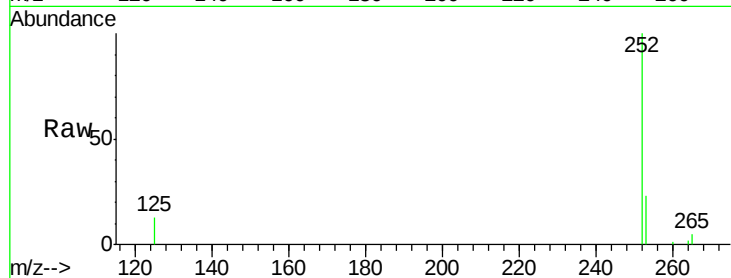




#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

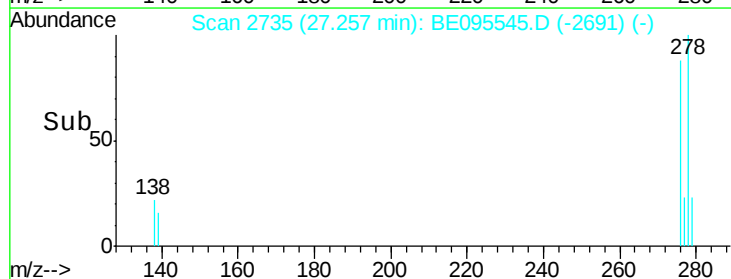
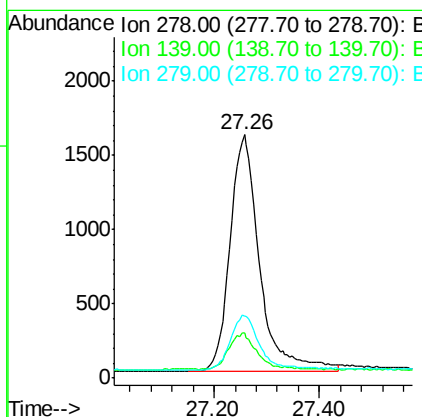
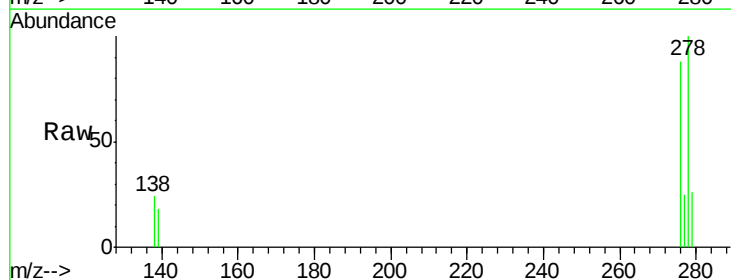
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7418
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 12.6 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095545.D
Acq: 7 Feb 2018 8:41

Tgt Ion:278 Resp: 6221
Ion Ratio Lower Upper
278 100
139 18.5 16.0 24.0
279 25.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.389 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

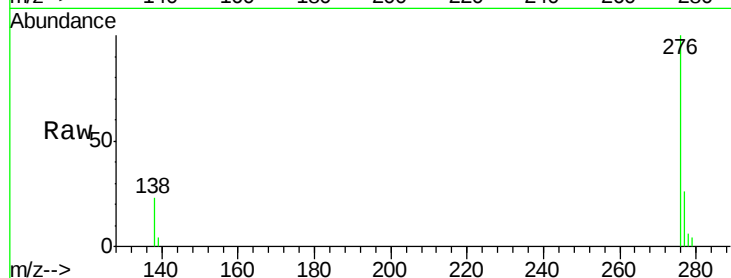
Lab File: BE095545.D

Acq: 7 Feb 2018 8:41

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 6786

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 23.0 20.0 30.0

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

