

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096935.D
 Acq On : 16 Jul 2018 12:22
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 16:40:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

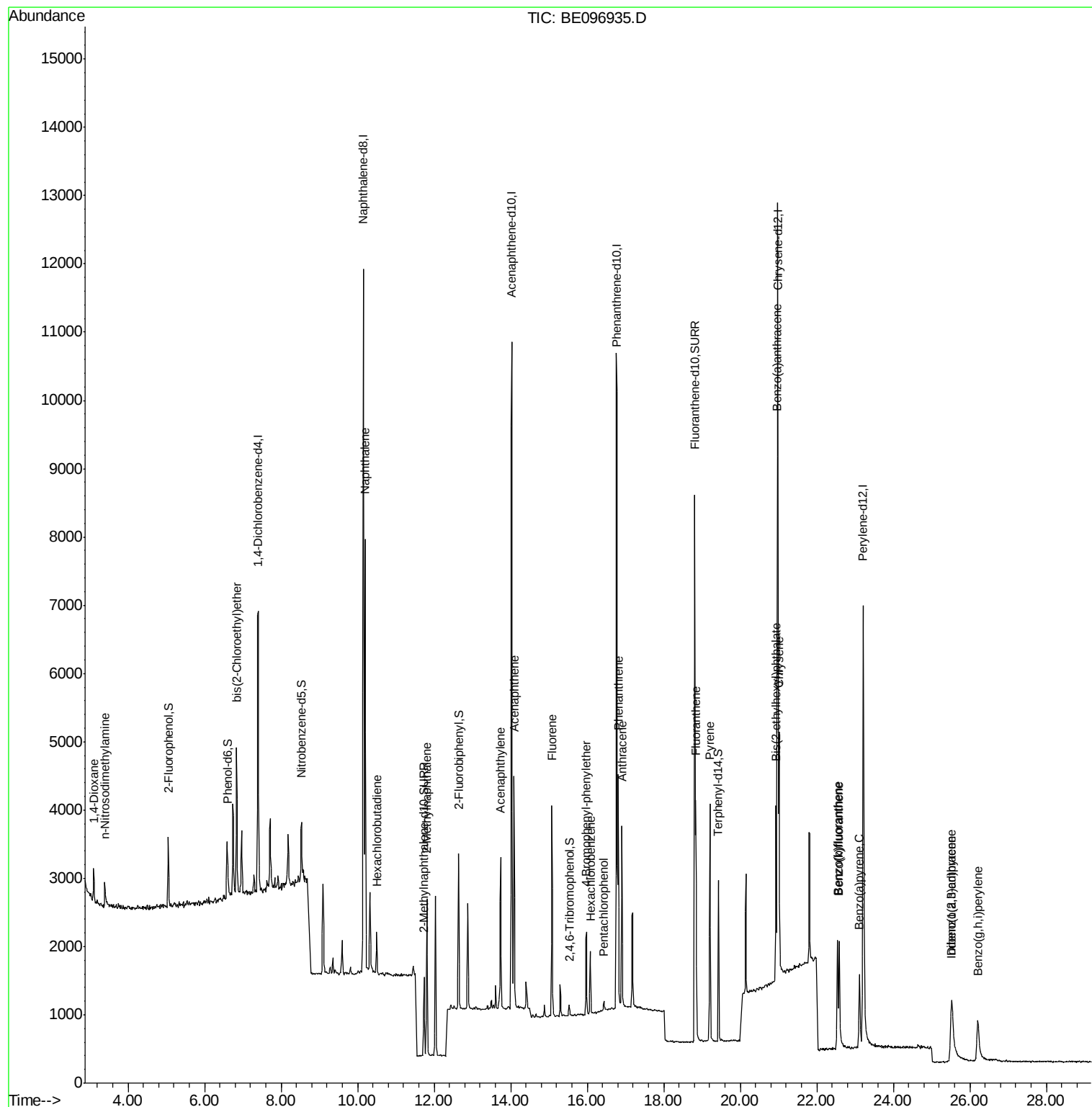
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2086	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11307	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5991	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14333	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10865	0.40	ng	0.00
34) Perylene-d12	23.21	264	9908	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	529	0.11	ng	0.00
5) Phenol-d6	6.60	99	755	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	776	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1590	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	119	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2200	0.10	ng	0.00
25) Fluoranthene-d10	18.81	212	11199	0.09	ng	0.00
29) Terphenyl-d14	19.43	244	2079	0.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	331	0.111	ng	# 85
3) n-Nitrosodimethylamine	3.38	42	330	0.098	ng	# 87
6) bis(2-Chloroethyl)ether	6.84	93	746	0.100	ng	90
9) Naphthalene	10.20	128	9978	0.099	ng	99
10) Hexachlorobutadiene	10.50	225	406	0.099	ng	97
12) 2-Methylnaphthalene	11.81	142	1660	0.097	ng	99
16) Acenaphthylene	13.74	152	2503	0.091	ng	98
17) Acenaphthene	14.08	154	1597	0.094	ng	# 90
18) Fluorene	15.07	166	1774	0.093	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	667	0.098	ng	# 85
21) Hexachlorobenzene	16.09	284	740	0.098	ng	# 80
22) Pentachlorophenol	16.44	266	98	0.088	ng	90
23) Phenanthrene	16.81	178	3295	0.096	ng	96
24) Anthracene	16.90	178	2750	0.092	ng	97
26) Fluoranthene	18.84	202	3139	0.087	ng	99
28) Pyrene	19.21	202	3307	0.103	ng	98
30) Benzo(a)anthracene	20.97	228	2367	0.091	ng	98
31) Chrysene	21.01	228	2890	0.100	ng	96
32) Bis(2-ethylhexyl)phthalate	20.93	149	2814	0.109	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	1533	0.073	ng	94
35) Benzo(b)fluoranthene	22.54	252	2190	0.087	ng	# 93
36) Benzo(k)fluoranthene	22.59	252	2630	0.087	ng	# 87
37) Benzo(a)pyrene	23.11	252	1914	0.168	ng	# 84
38) Dibenzo(a,h)anthracene	25.53	278	1411	0.175	ng	# 80
39) Benzo(g,h,i)perylene	26.21	276	1785	0.087	ng	# 82

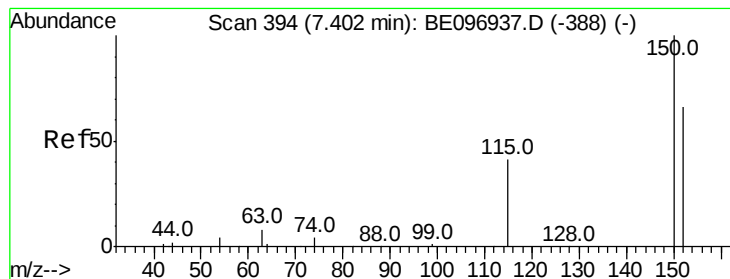
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
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QLast Update : Tue Jul 17 15:02:56 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

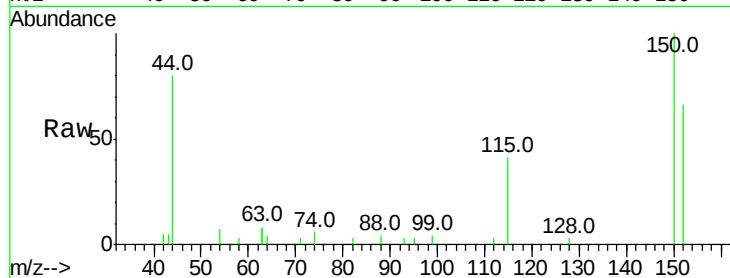
Tot Ion:152 Resp: 2086

Ion Ratio Lower Upper

152 100

150 151.2 117.2 175.8

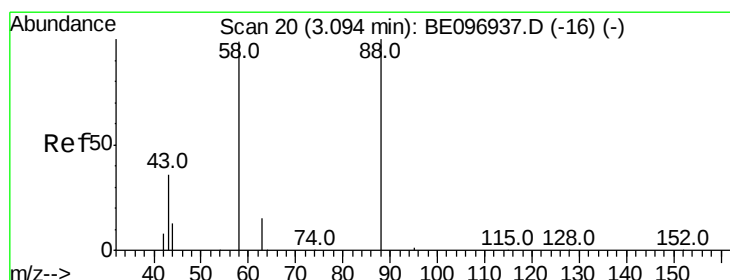
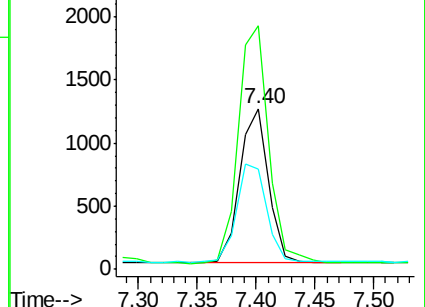
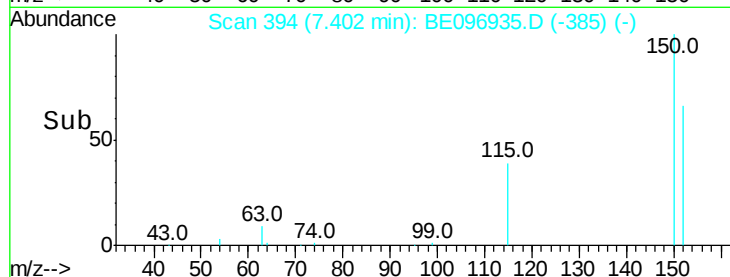
115 62.3 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.111 ng

RT: 3.09 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

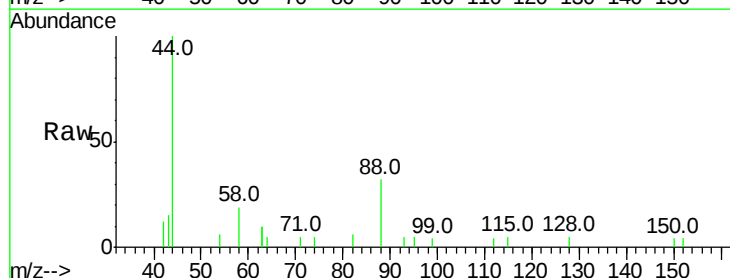
Tgt Ion: 88 Resp: 331

Ion Ratio Lower Upper

88 100

58 72.5 63.2 94.8

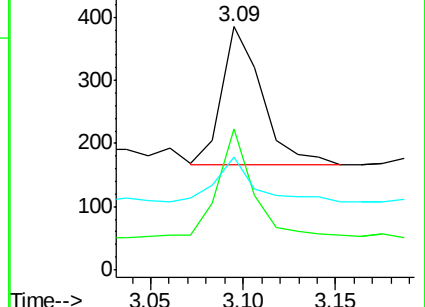
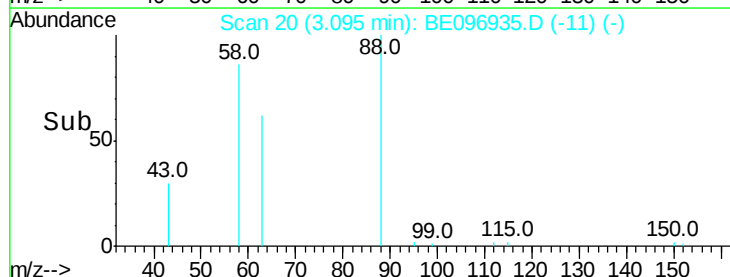
43 32.0 41.2 61.8#



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



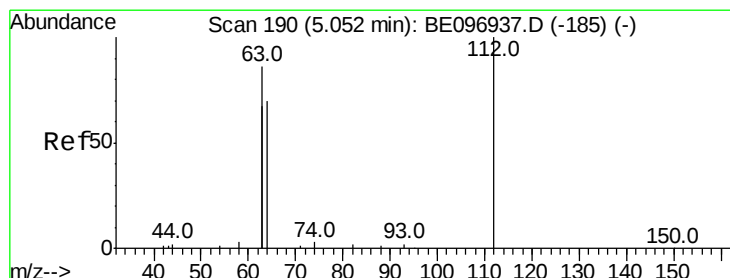
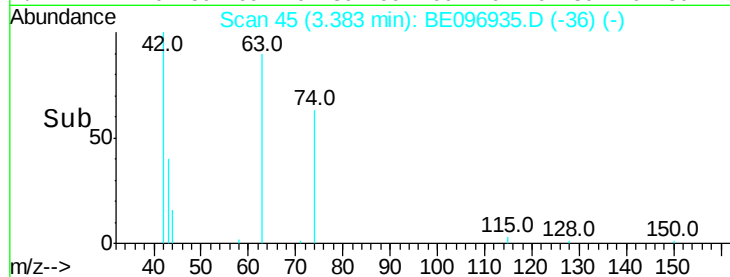
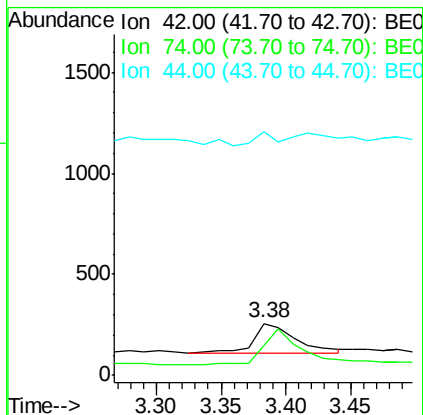
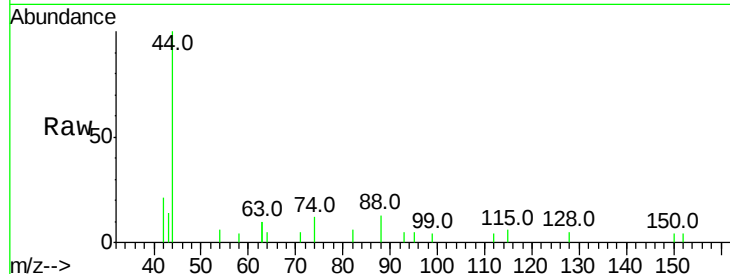


#3

n-Nitrosodimethylamine
 Concen: 0.098 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096935.D
 Acq: 16 Jul 2018 12:22

Instrument :
 BNA_E
 ClientSampleId :

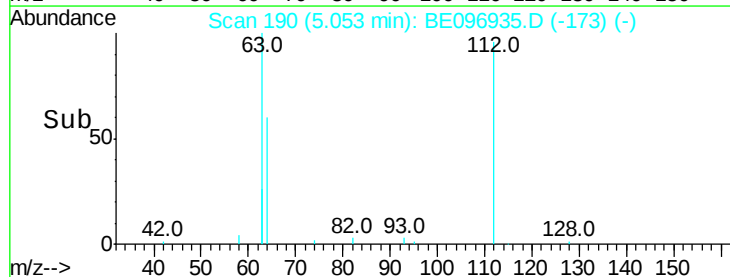
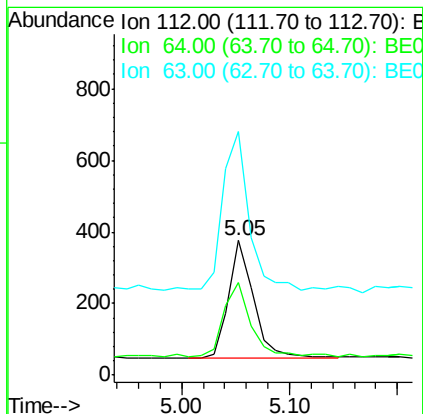
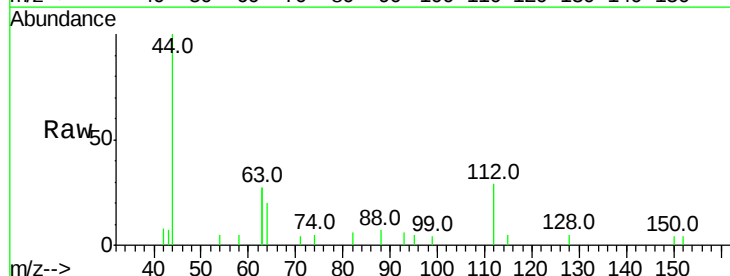
Tot Ion: 42 Resp: 330
 Ion Ratio Lower Upper
 42 100
 74 105.8 96.0 144.0
 44 21.5 12.0 18.0#

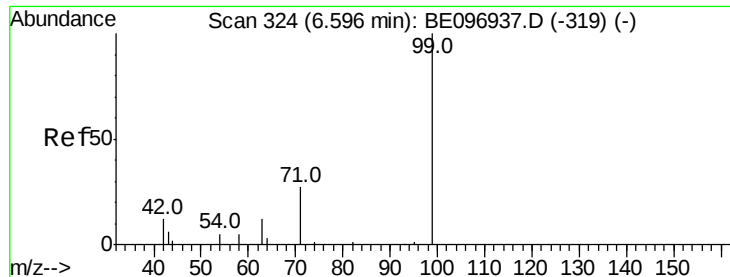


#4

2-Fluorophenol
 Concen: 0.106 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096935.D
 Acq: 16 Jul 2018 12:22

Tgt Ion: 112 Resp: 529
 Ion Ratio Lower Upper
 112 100
 64 67.1 60.1 90.1
 63 141.6 116.8 175.2





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

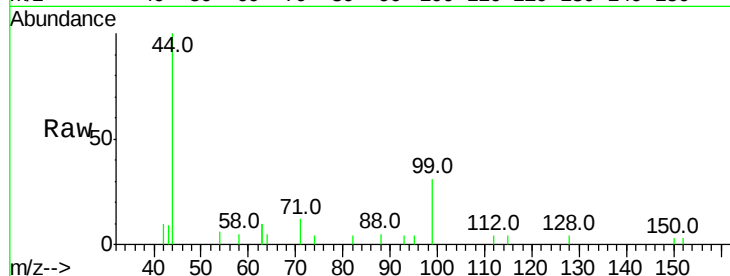
Tot Ion: 99 Resp: 755

Ion Ratio Lower Upper

99 100

42 28.6 20.2 30.2

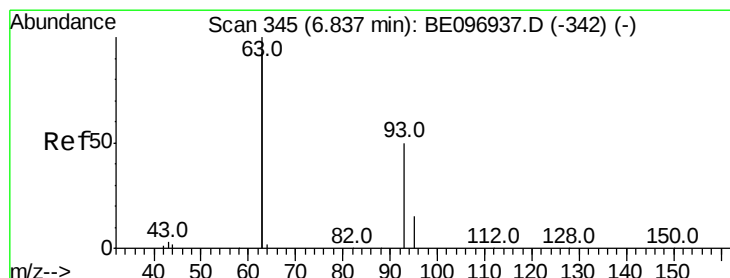
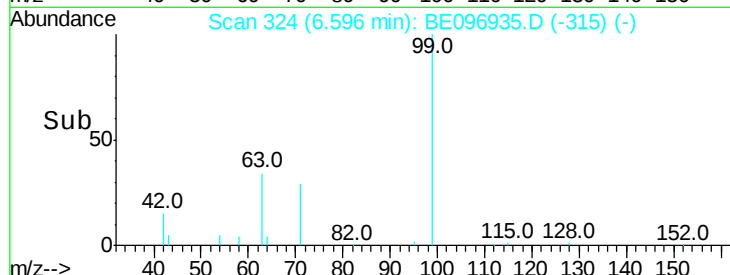
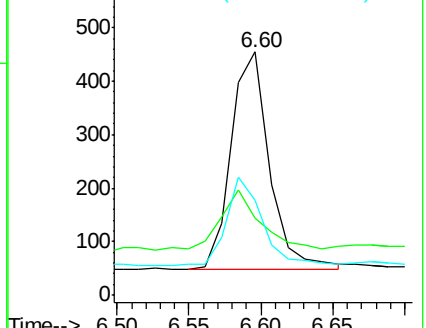
71 37.2 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.100 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

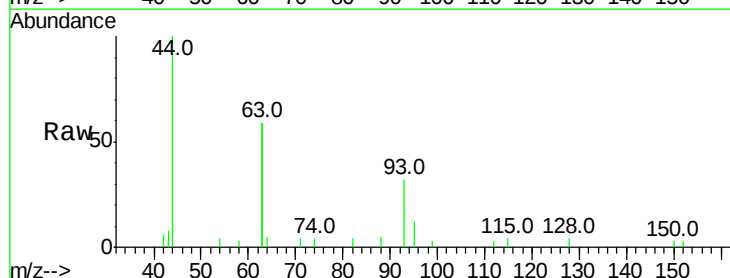
Tgt Ion: 93 Resp: 746

Ion Ratio Lower Upper

93 100

63 322.0 275.3 412.9

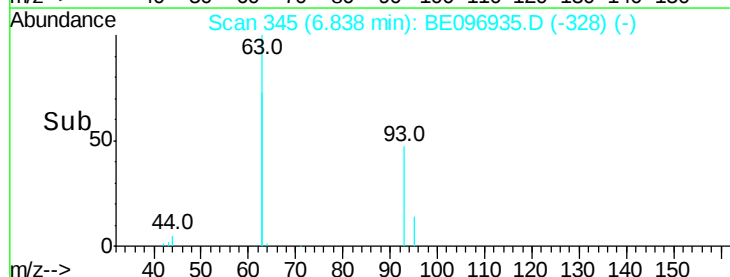
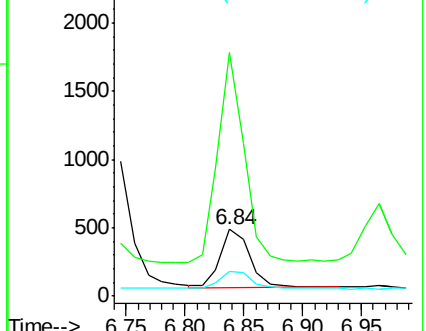
95 32.3 25.2 37.8

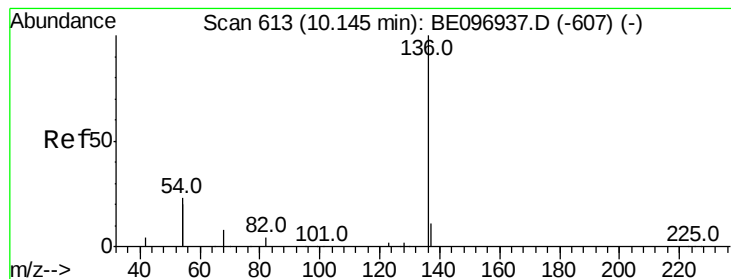


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11307

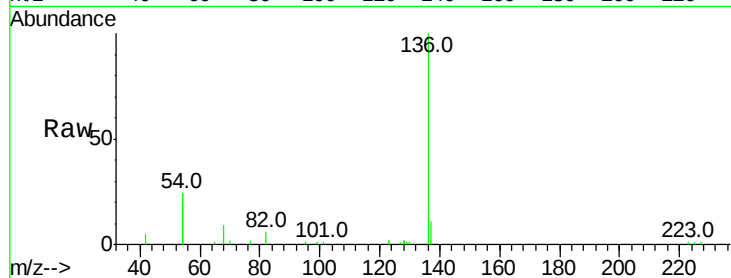
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 48.0 29.1 43.7#

68 8.8 6.2 9.2

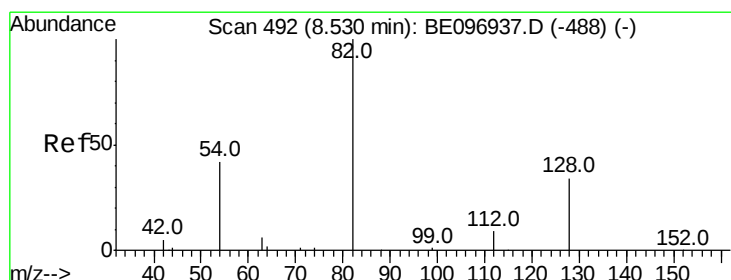
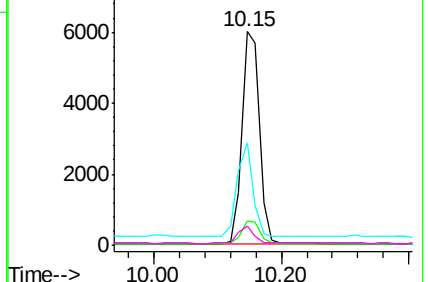
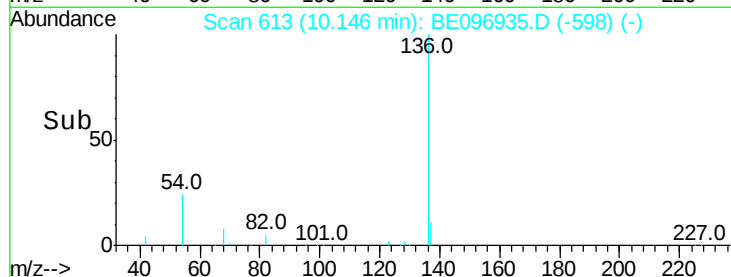


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.094 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

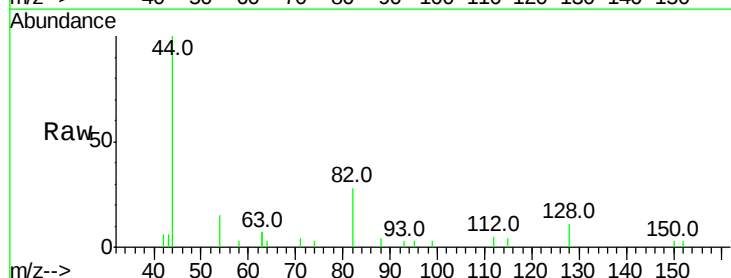
Tgt Ion: 82 Resp: 776

Ion Ratio Lower Upper

82 100

128 39.9 24.0 36.0#

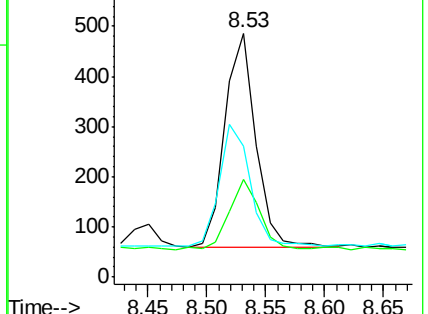
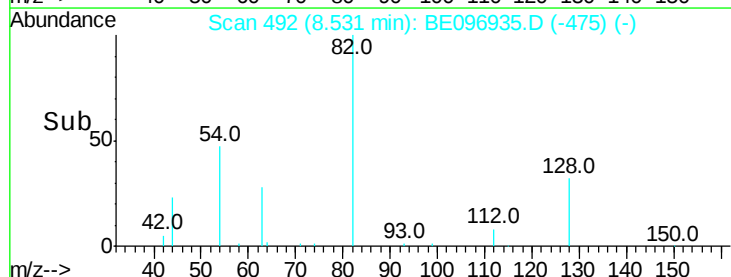
54 53.5 40.0 60.0

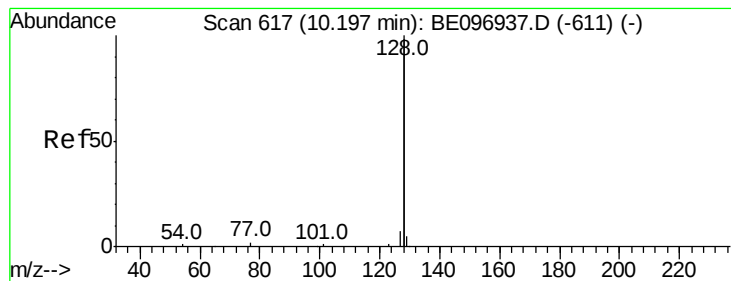


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.099 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

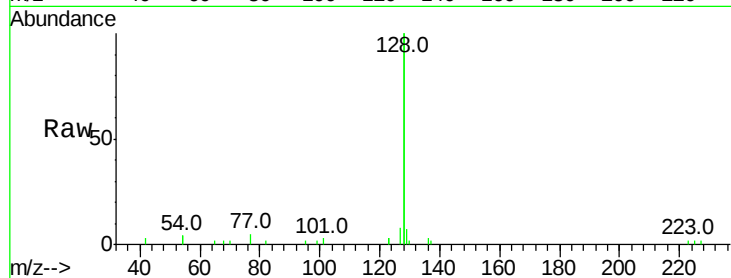
Tot Ion:128 Resp: 9978

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

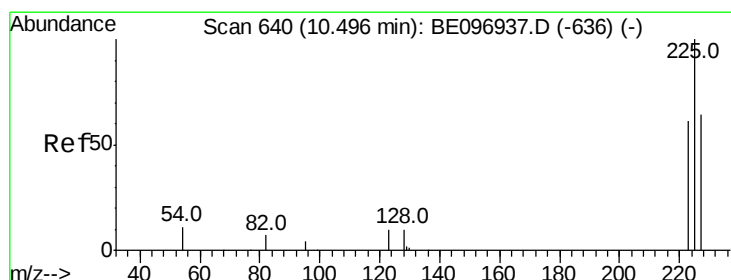
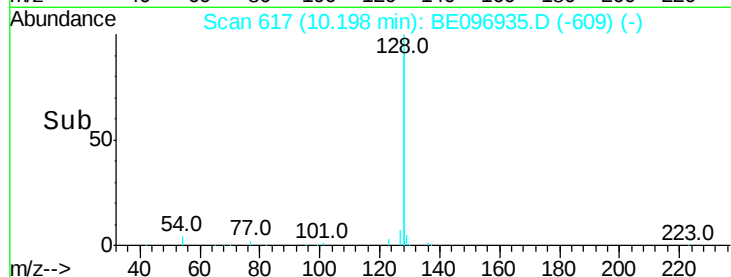
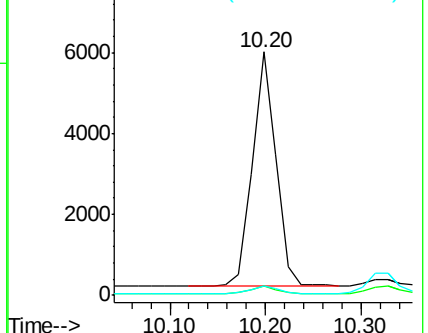
127 4.1 2.8 4.2



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: 0.099 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

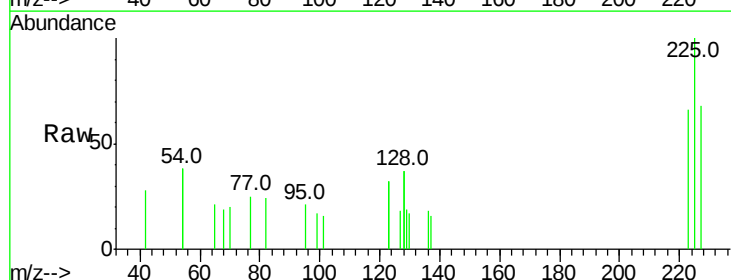
Tgt Ion:225 Resp: 406

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

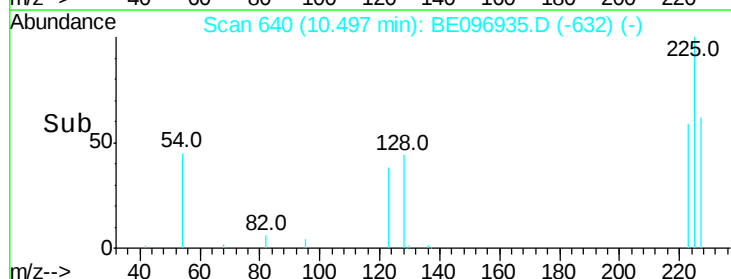
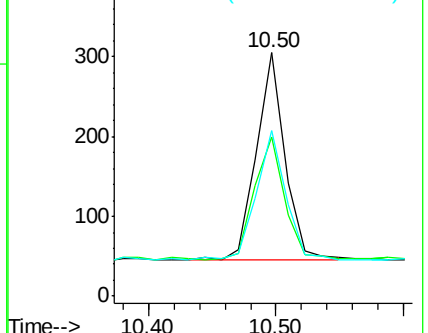
227 62.6 51.4 77.2



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: 0.096 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

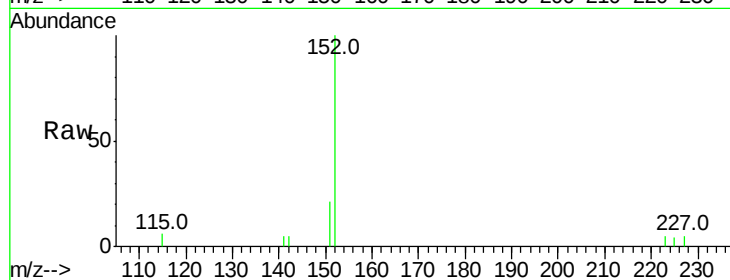
ClientSampleId :

Tot Ion:152 Resp: 1590

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

1000

800

600

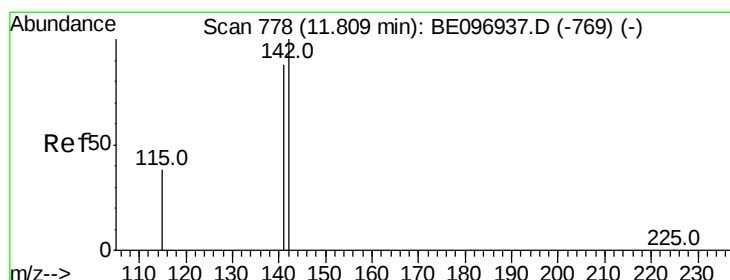
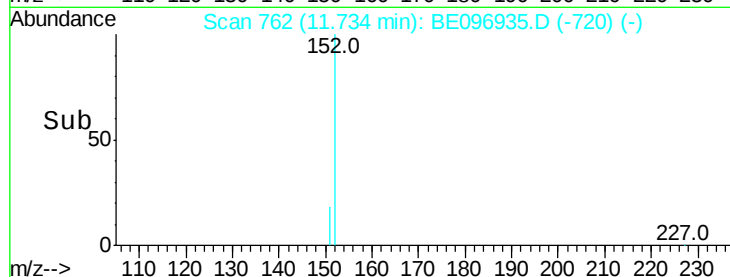
400

200

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.097 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

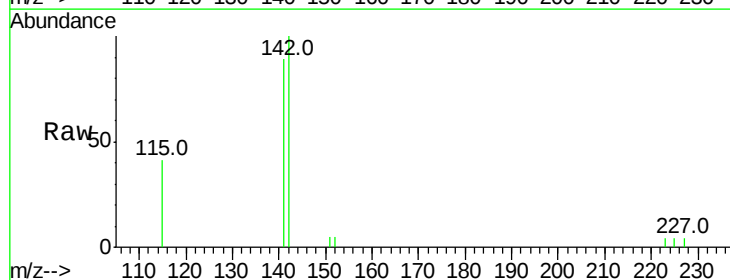
Tgt Ion:142 Resp: 1660

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 41.3 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

11.81

1500

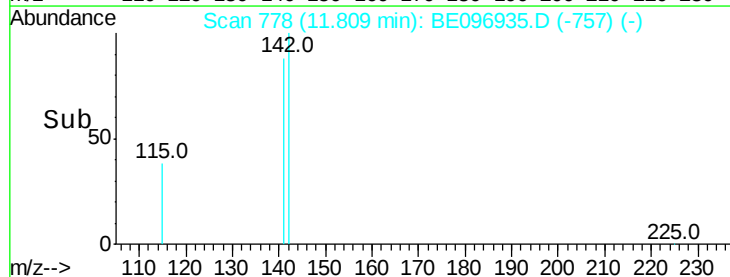
1000

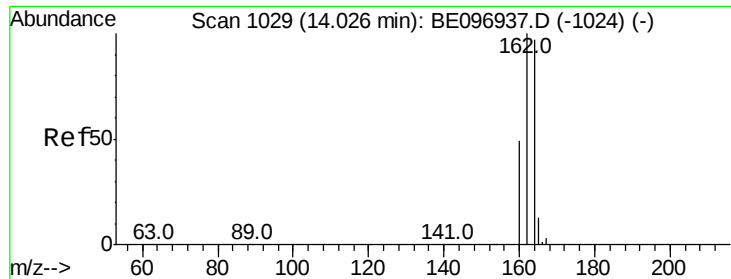
500

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

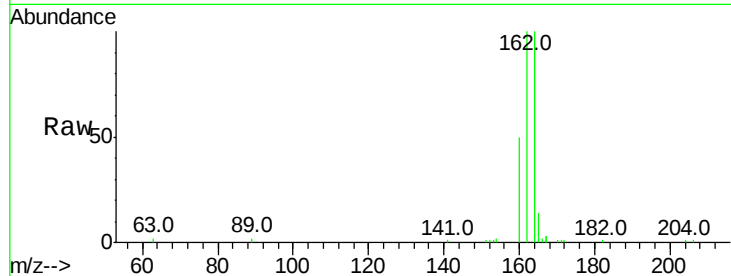
Tot Ion:164 Resp: 5991

Ion Ratio Lower Upper

164 100

162 99.8 83.1 124.7

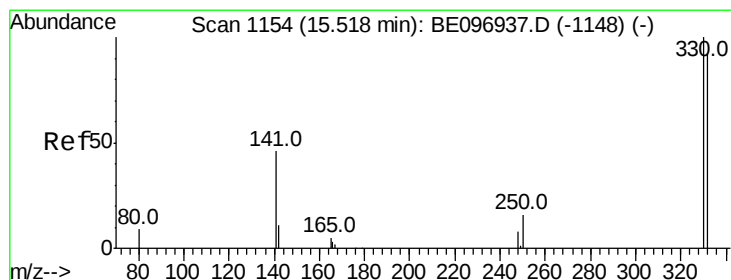
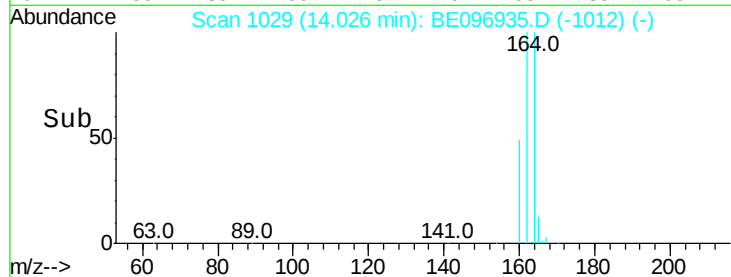
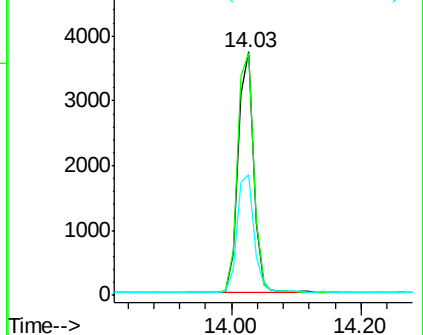
160 49.8 37.1 55.7



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: 0.133 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

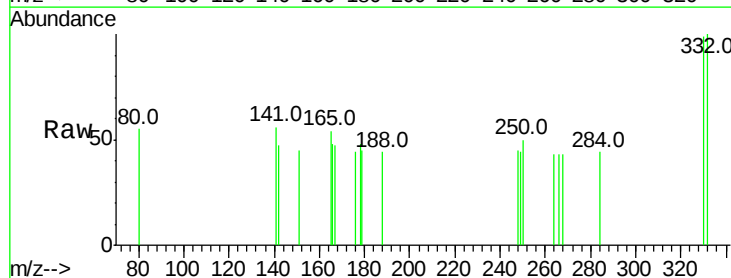
Tgt Ion:330 Resp: 119

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

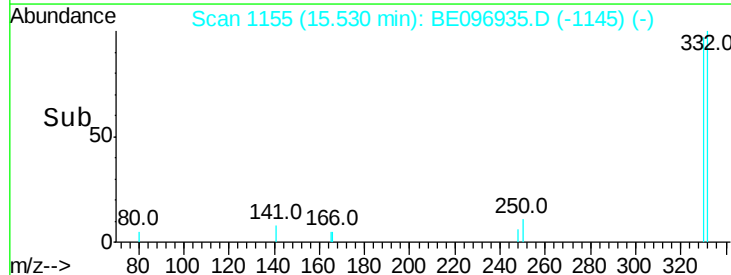
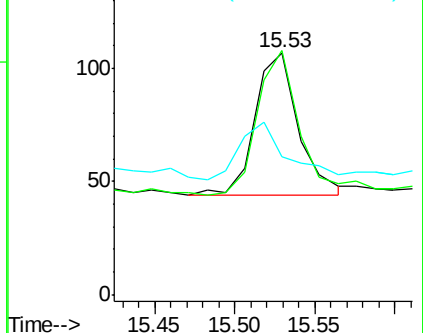
141 42.9 33.7 50.5

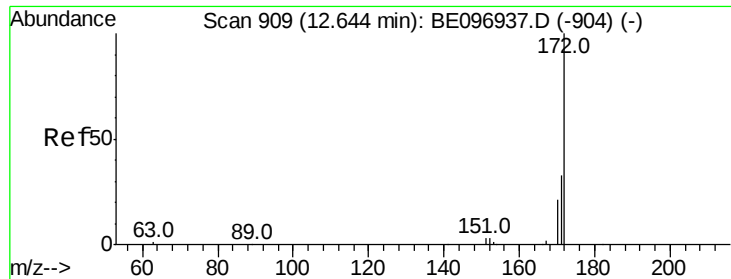


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

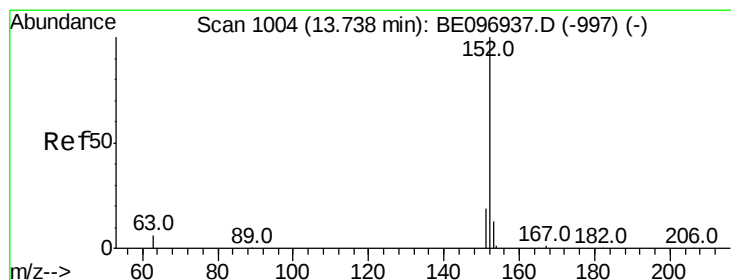
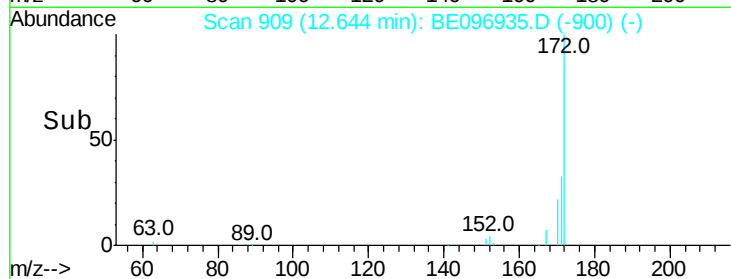
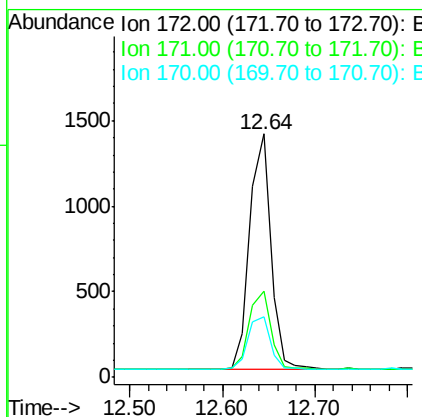
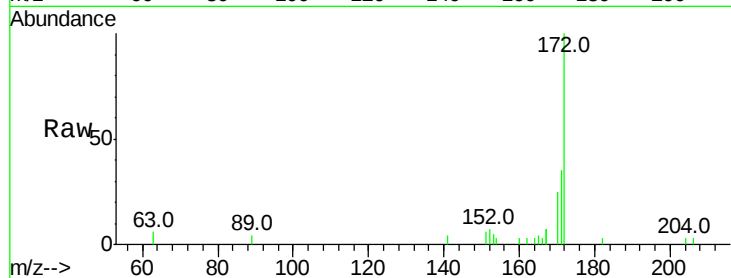




#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

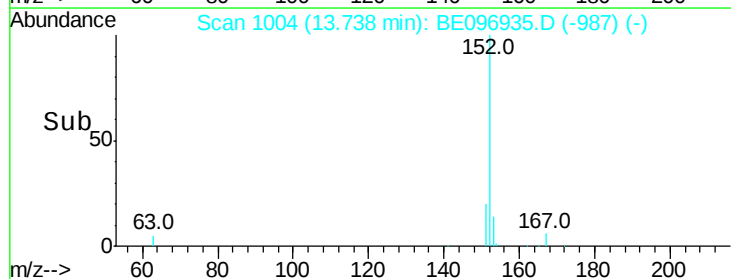
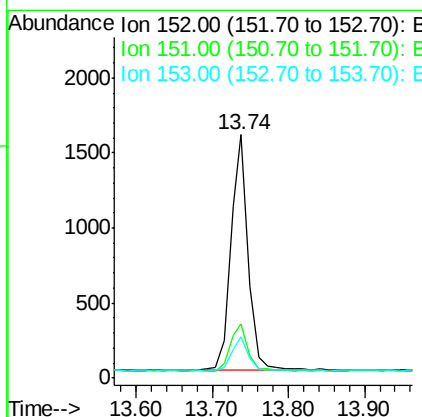
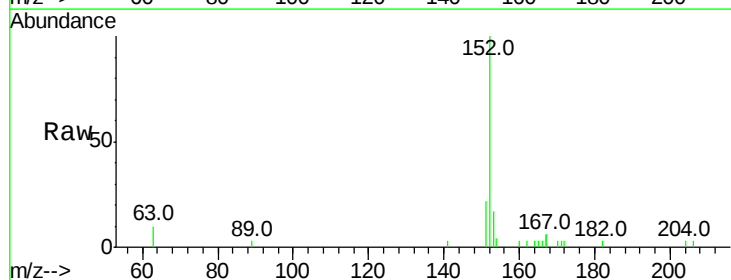
Instrument :
BNA_E
ClientSampleId :

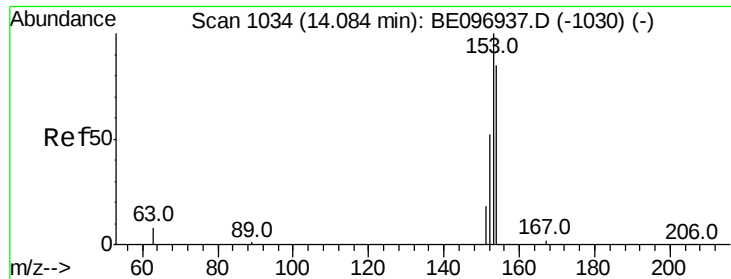
Tot Ion:172 Resp: 2200
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.091 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:152 Resp: 2503
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.5 10.5 15.7

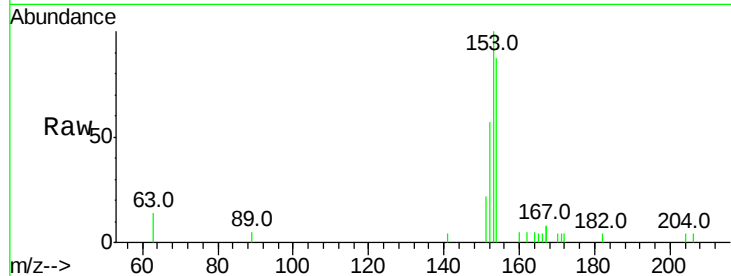




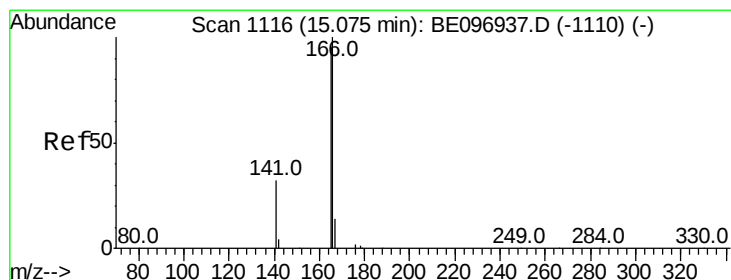
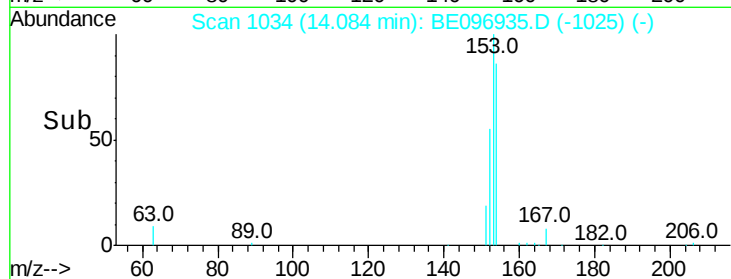
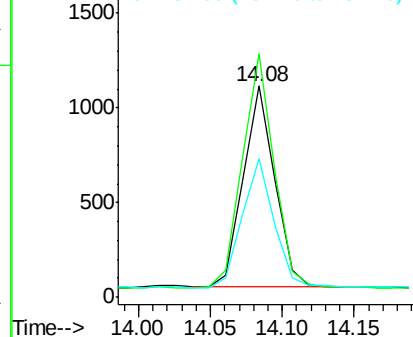
#17
Acenaphthene
Concen: 0.094 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1597
Ion Ratio Lower Upper
154 100
153 117.7 89.2 133.8
152 65.9 42.0 63.0#

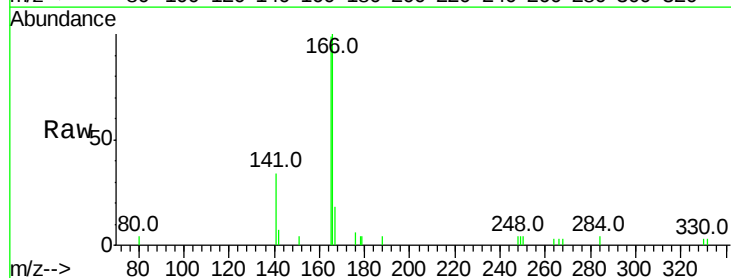


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

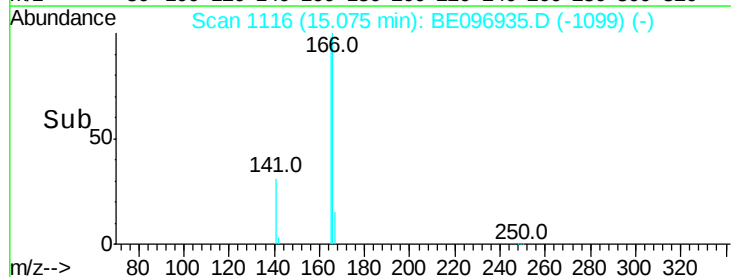
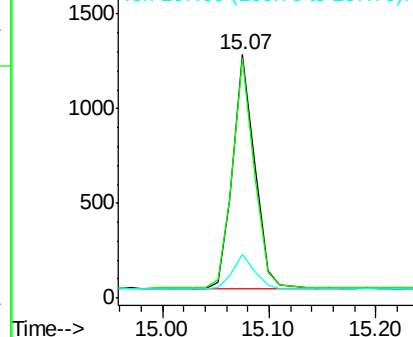


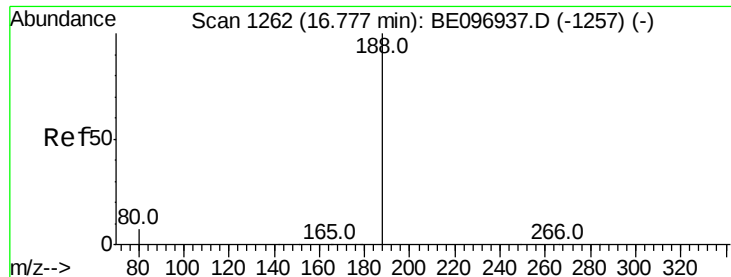
#18
Fluorene
Concen: 0.093 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:166 Resp: 1774
Ion Ratio Lower Upper
166 100
165 95.9 77.8 116.6
167 14.9 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: 16.78 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

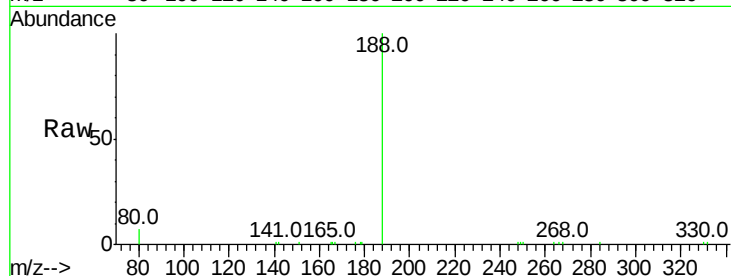
Tot Ion:188 Resp: 14333

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

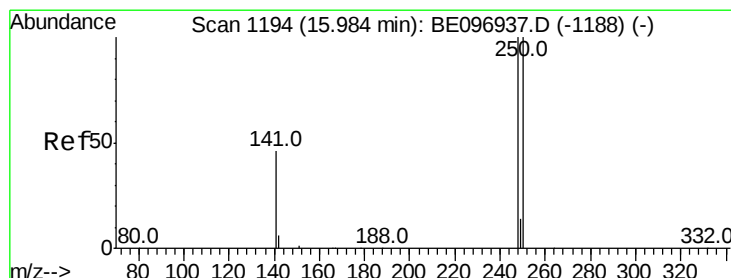
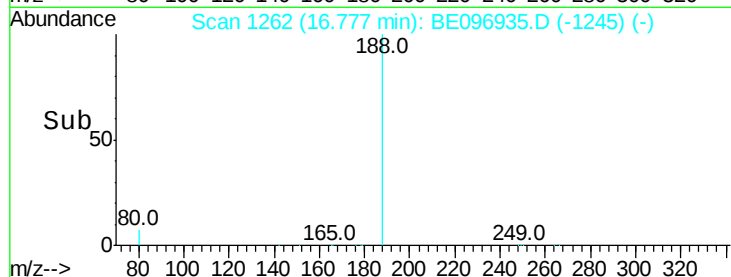
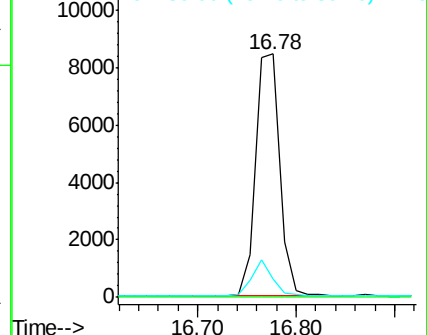
80 7.4 3.6 5.4#



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: 0.098 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

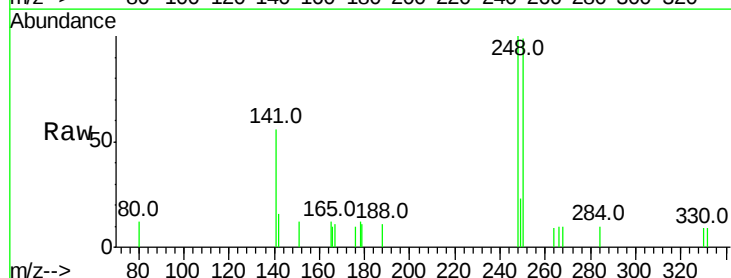
Tgt Ion:248 Resp: 667

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

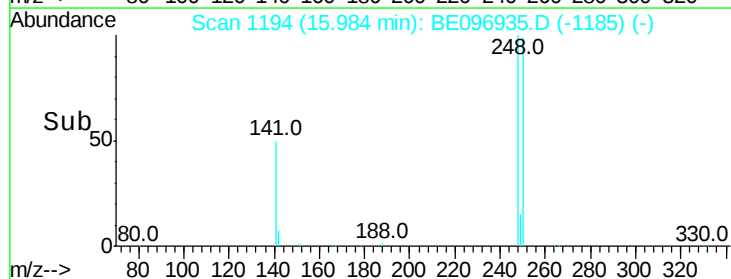
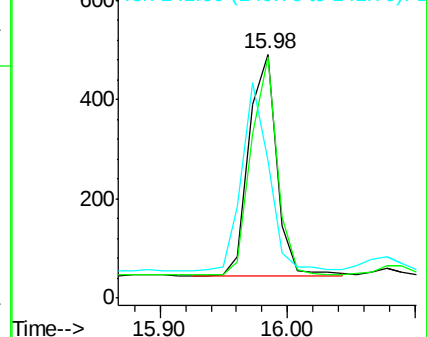
141 56.4 48.2 72.2



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: 0.098 ng

RT: 16.09 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

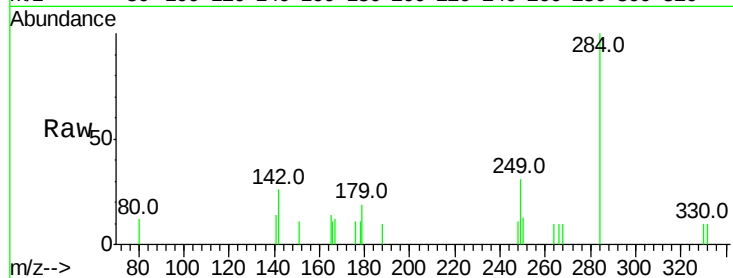
Tot Ion:284 Resp: 740

Ion Ratio Lower Upper

284 100

142 38.6 22.1 33.1#

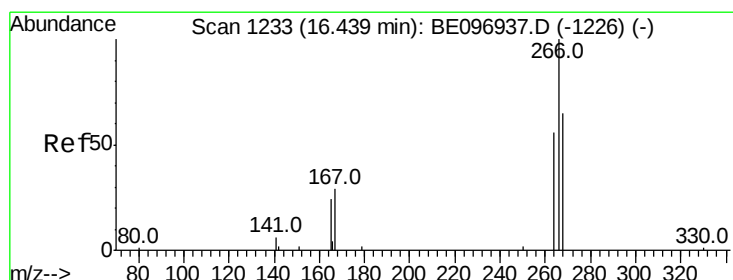
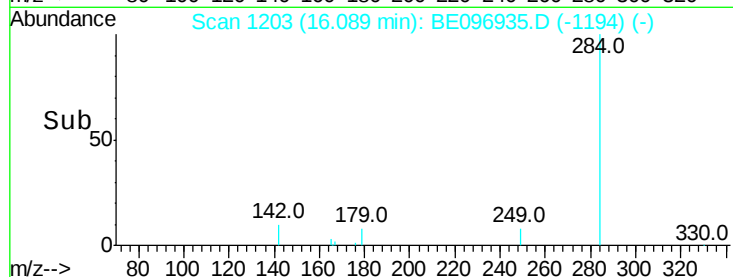
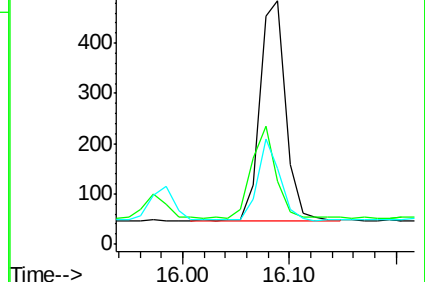
249 31.2 34.8 52.2#



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: 0.088 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

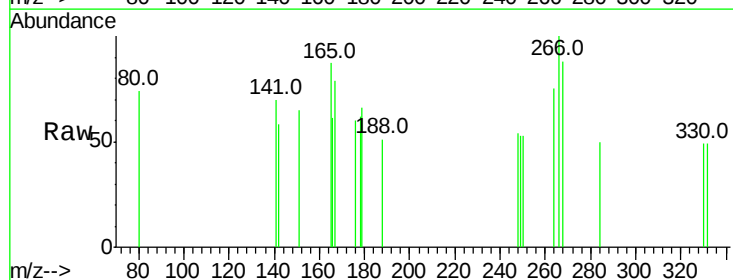
Tgt Ion:266 Resp: 98

Ion Ratio Lower Upper

266 100

264 75.0 72.5 108.7

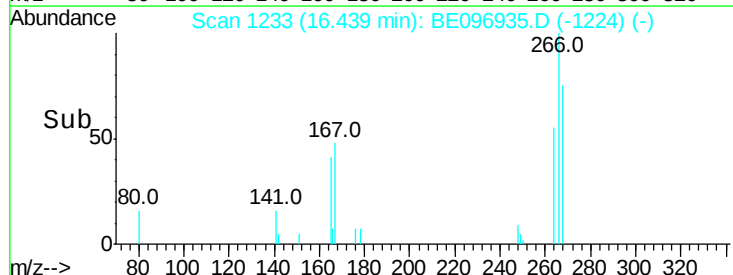
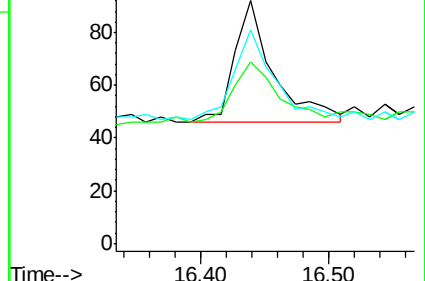
268 88.0 73.8 110.6



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: 0.096 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

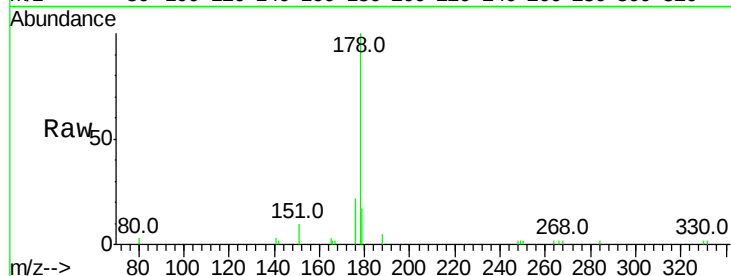
Tot Ion:178 Resp: 3295

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

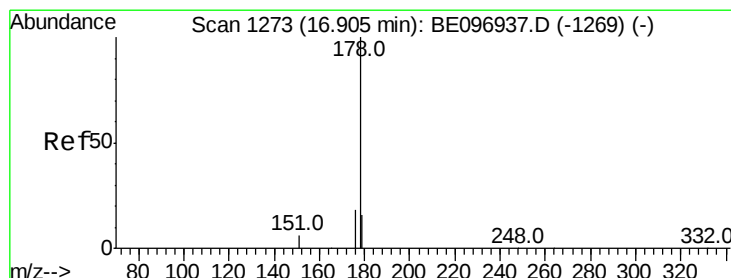
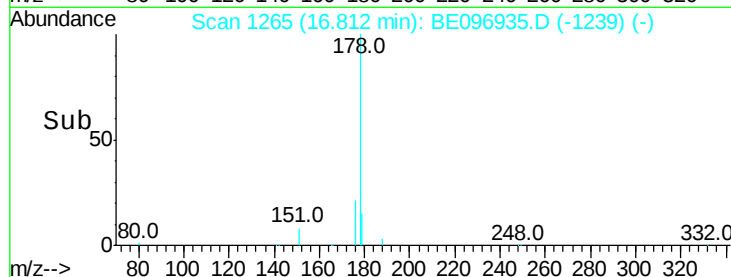
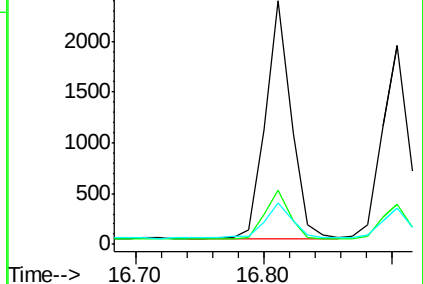
179 16.8 11.8 17.6



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: 0.092 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

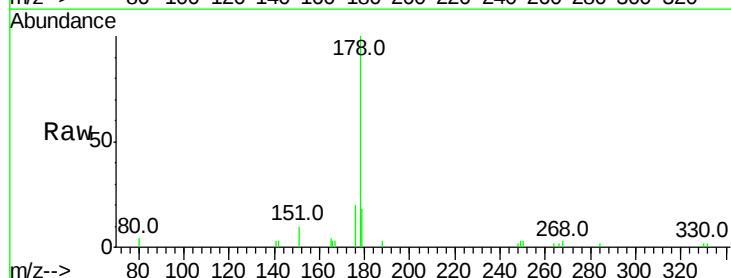
Tgt Ion:178 Resp: 2750

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

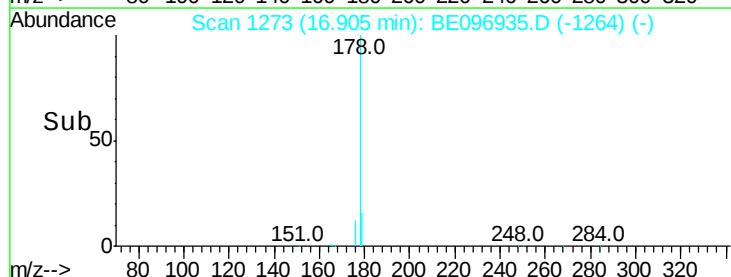
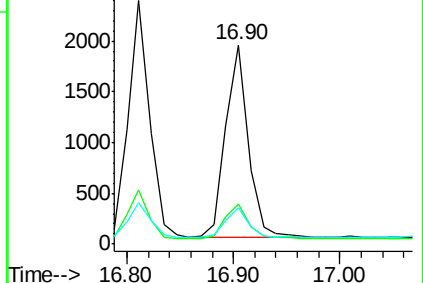
179 16.0 13.0 19.6

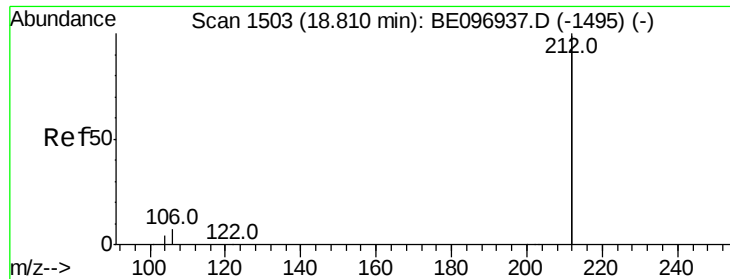


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.090 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

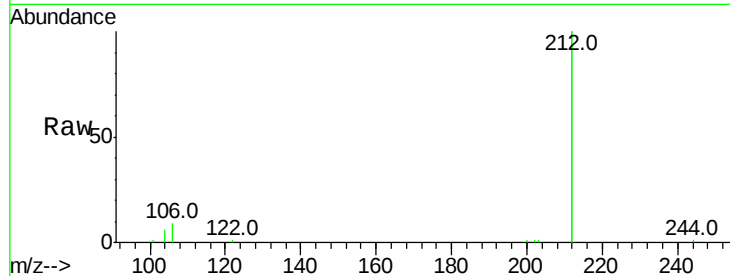
Tot Ion:212 Resp: 11199

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

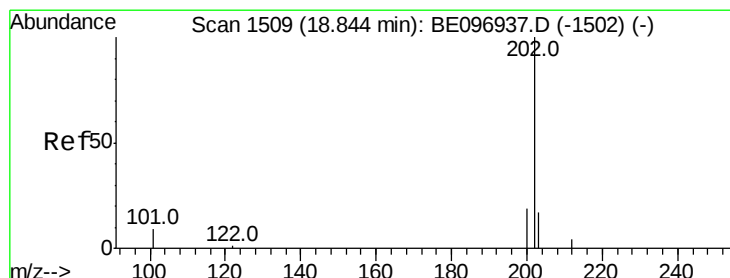
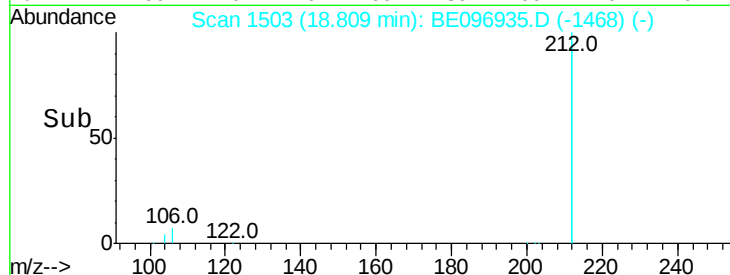
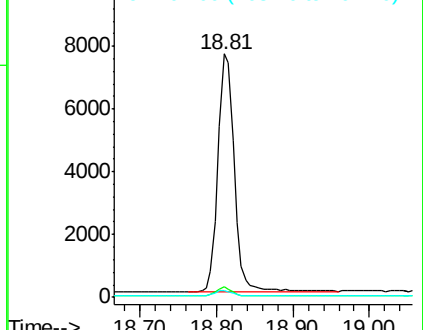
104 2.0 1.6 2.4



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: 0.087 ng

RT: 18.84 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

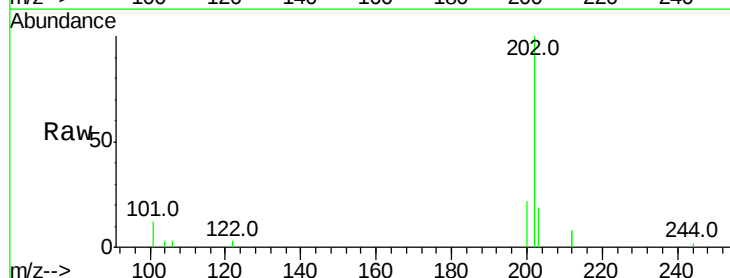
Tgt Ion:202 Resp: 3139

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

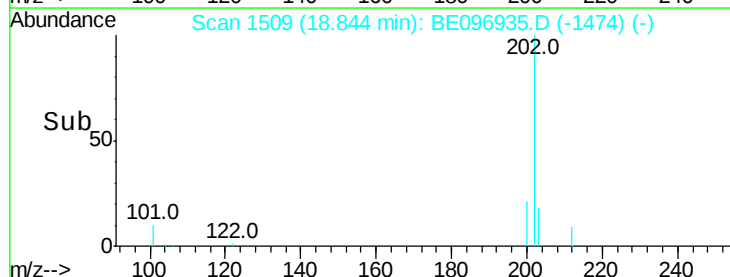
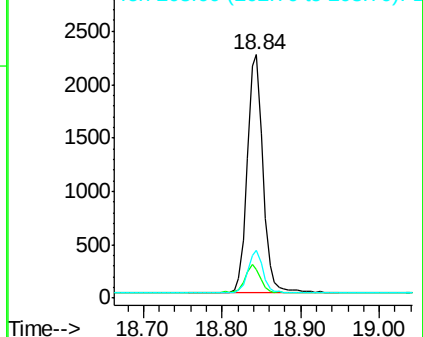
203 16.7 13.7 20.5



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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampled :

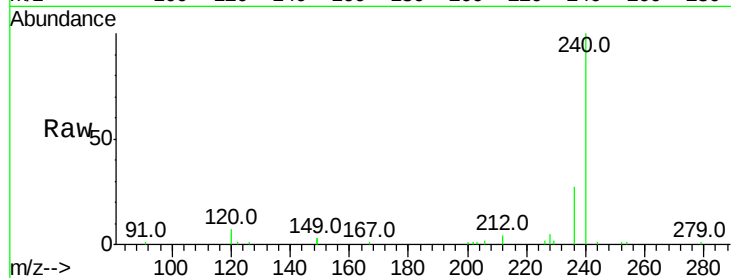
Tot Ion:240 Resp: 10865

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

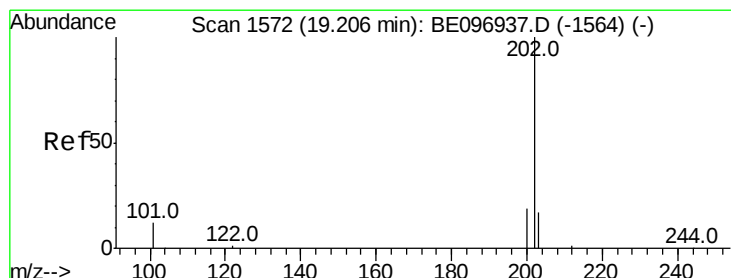
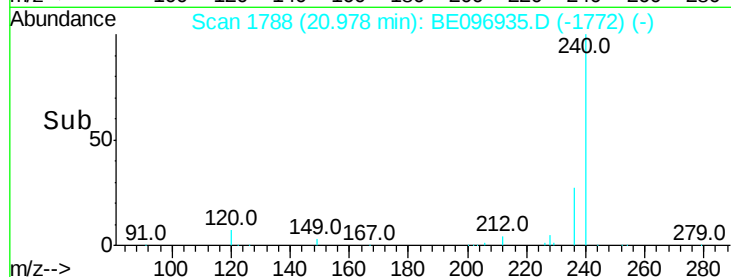
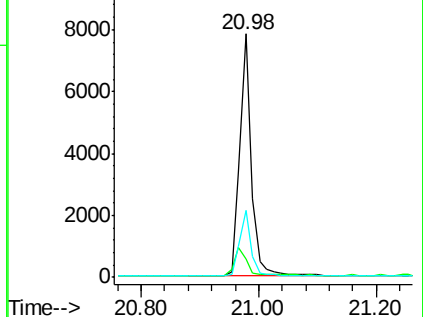
236 27.3 20.7 31.1



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: 0.103 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

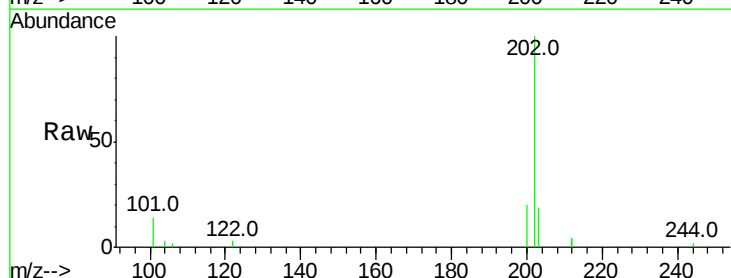
Tgt Ion:202 Resp: 3307

Ion Ratio Lower Upper

202 100

200 19.2 16.6 25.0

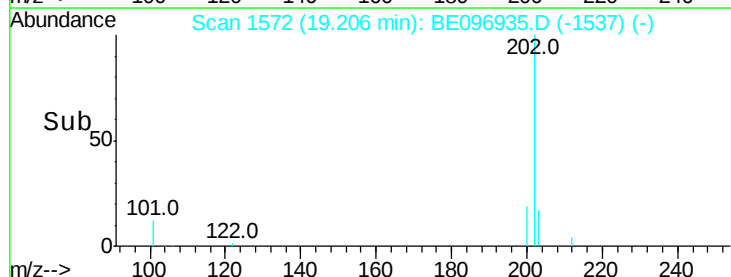
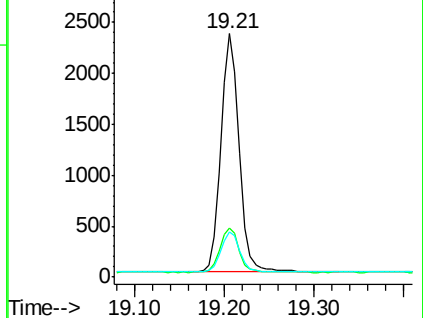
203 17.2 13.8 20.8

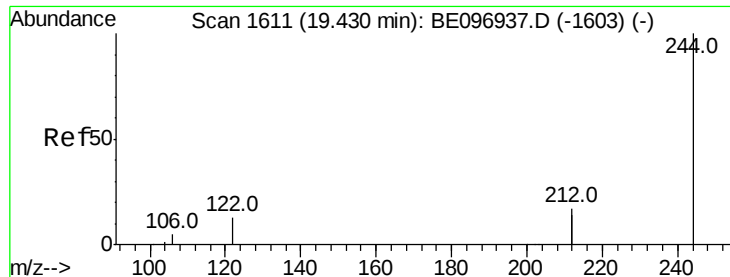


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.099 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

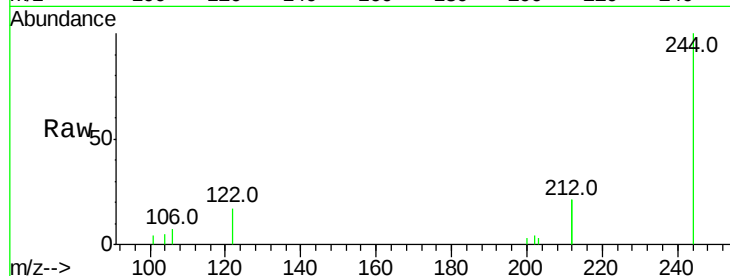
Tot Ion:244 Resp: 2079

Ion Ratio Lower Upper

244 100

212 42.9 25.4 38.0#

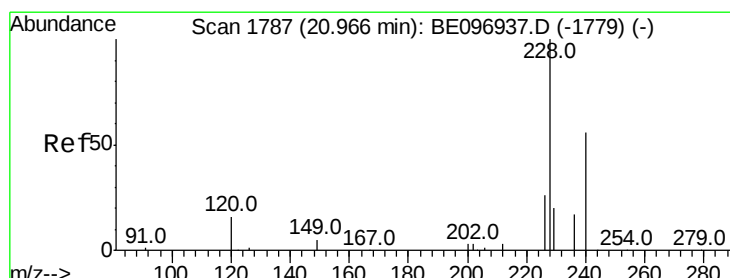
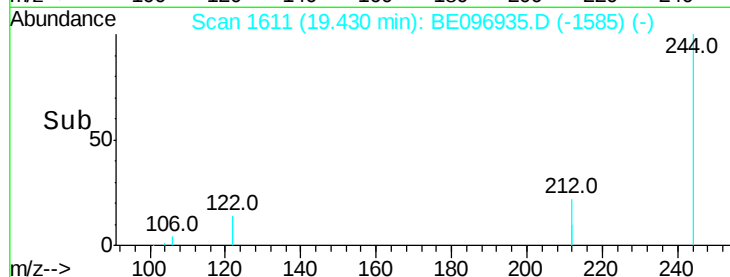
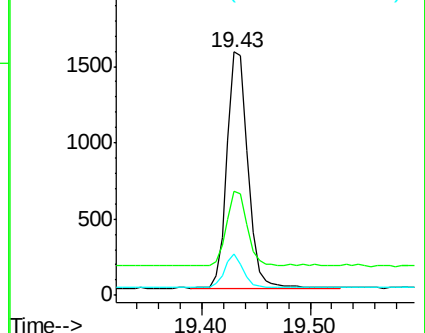
122 17.2 8.1 12.1#



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: 0.091 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

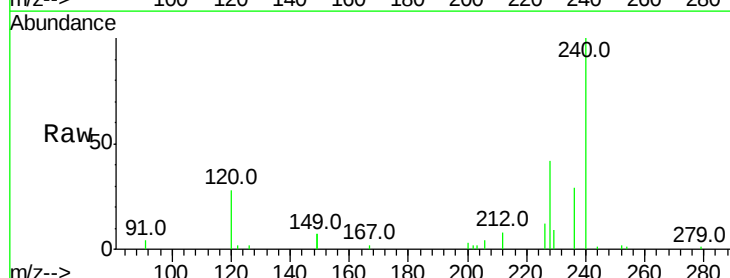
Tgt Ion:228 Resp: 2367

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

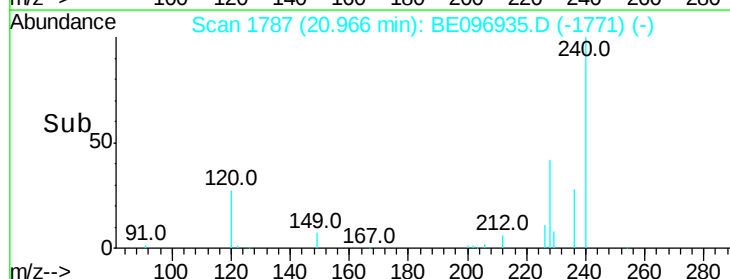
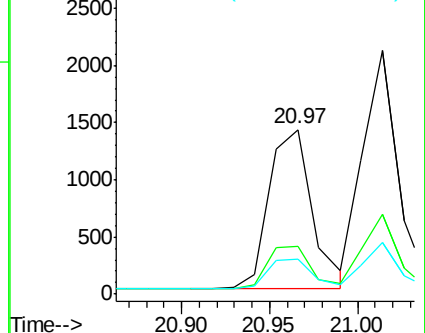
229 21.5 16.0 24.0

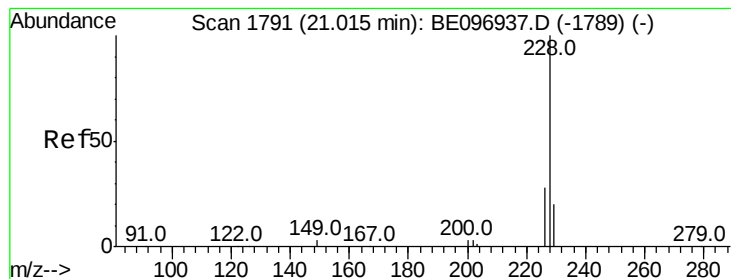


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.100 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

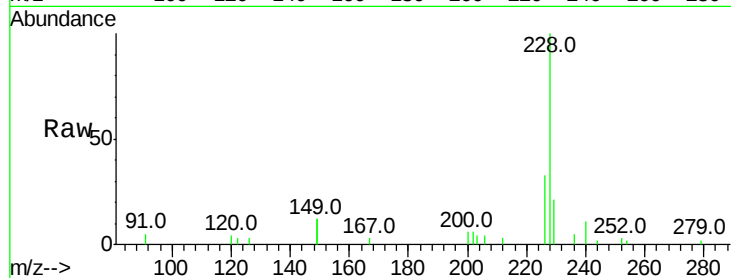
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 2890

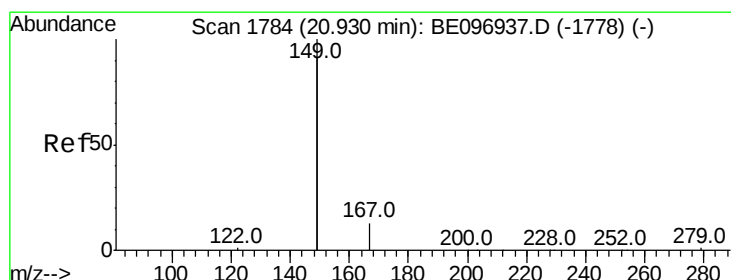
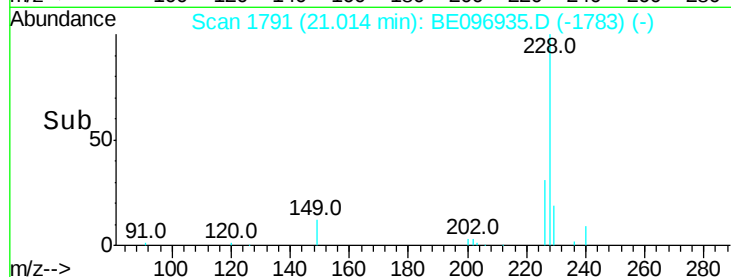
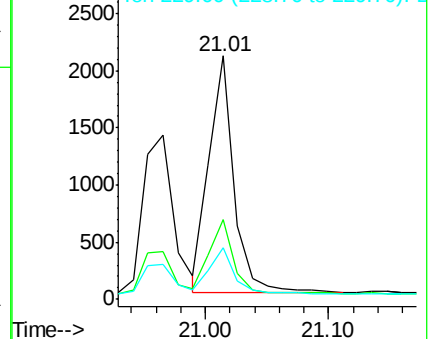
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	21.3	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.109 ng

RT: 20.93 min Scan# 1784

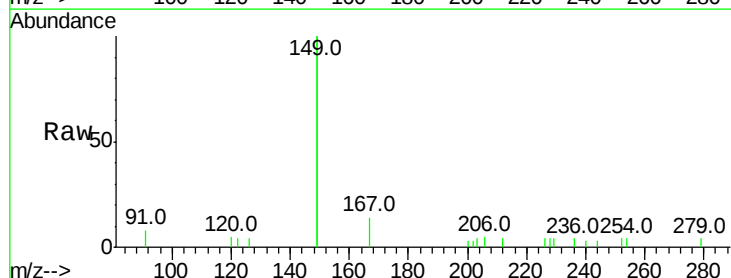
Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Tgt Ion:149 Resp: 2814

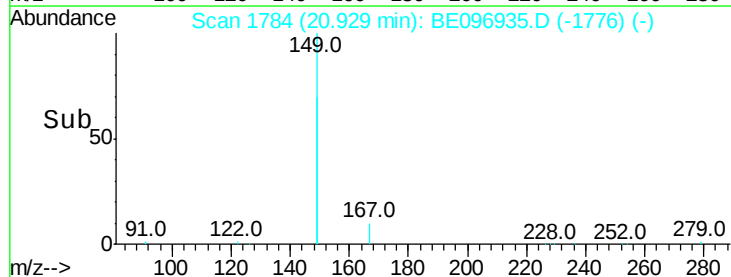
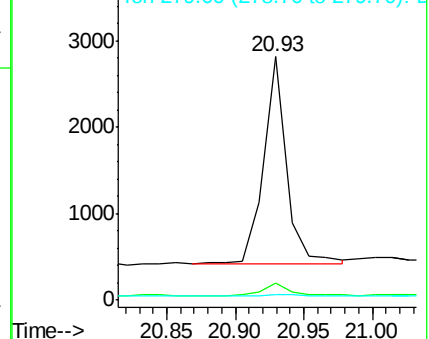
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



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: 0.073 ng

RT: 25.51 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

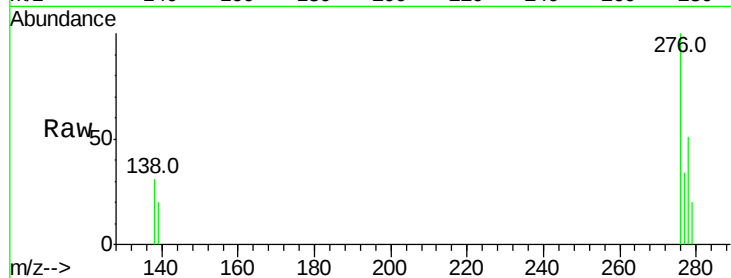
Tot Ion:276 Resp: 1533

Ion Ratio Lower Upper

276 100

138 26.1 22.5 33.7

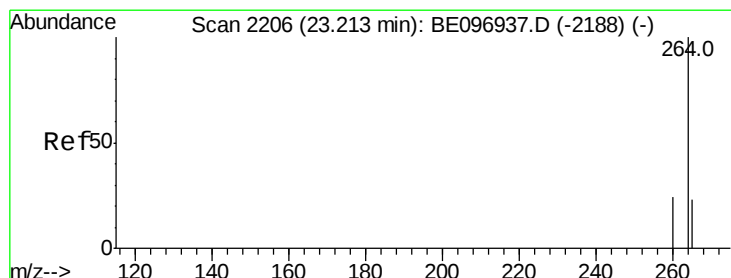
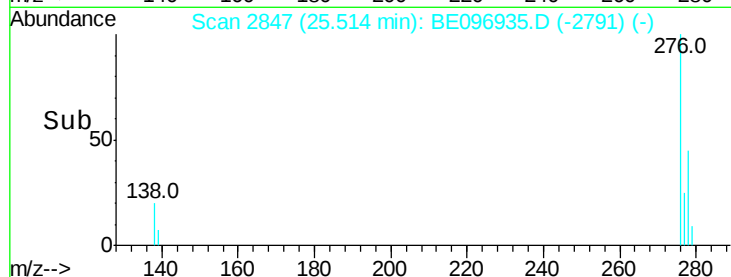
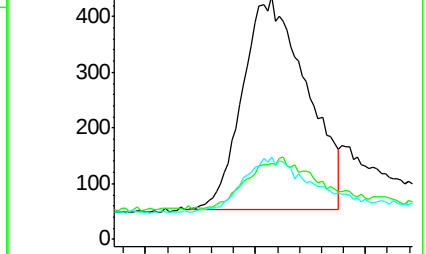
277 29.1 19.9 29.9



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: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

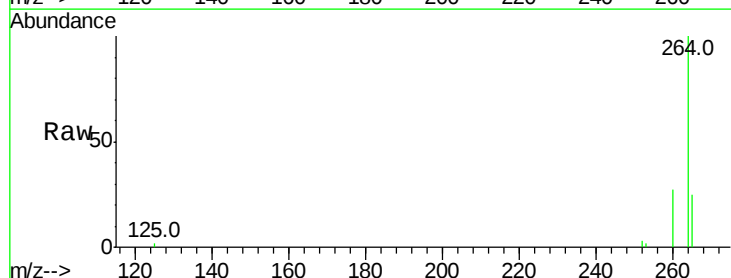
Tgt Ion:264 Resp: 9908

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

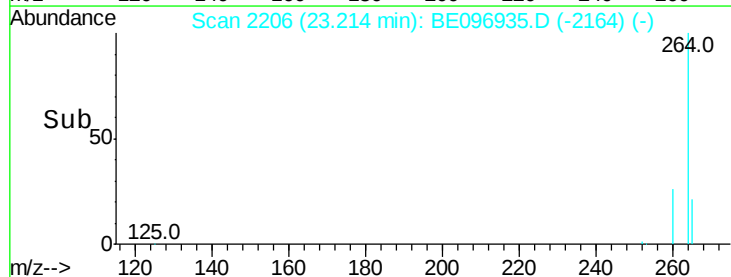
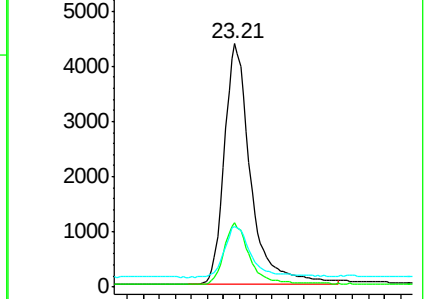
265 24.8 22.8 34.2

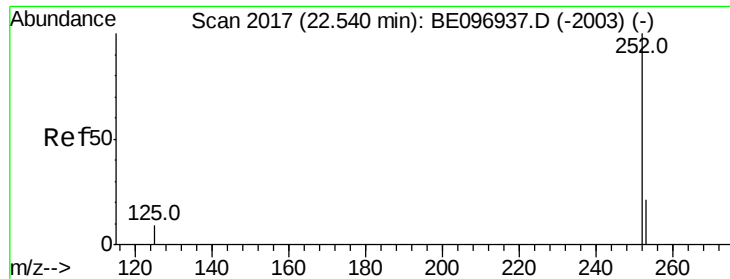


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

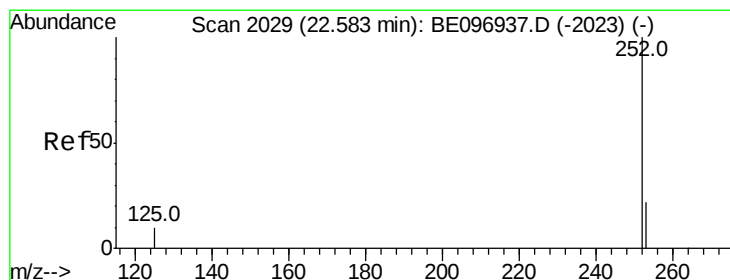
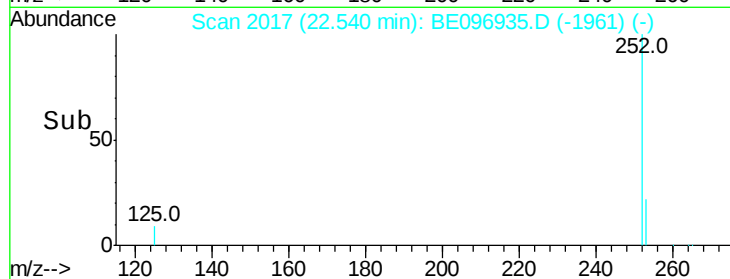
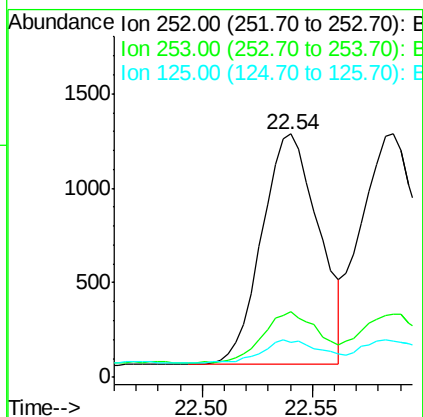
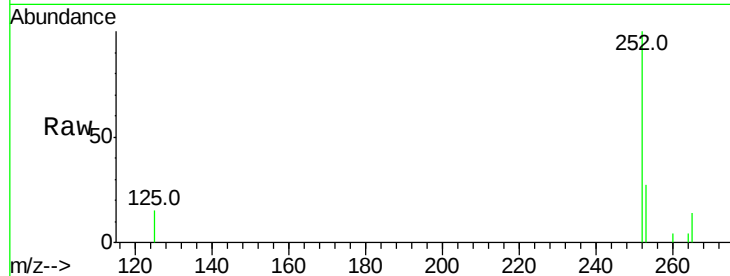




#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

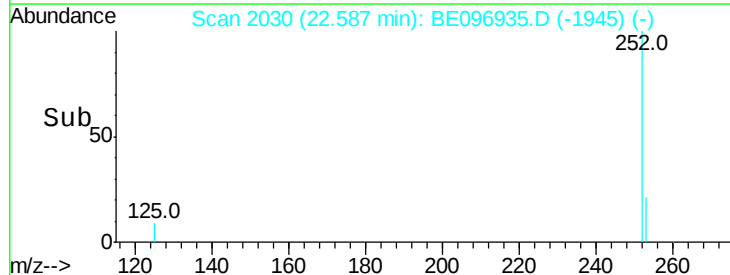
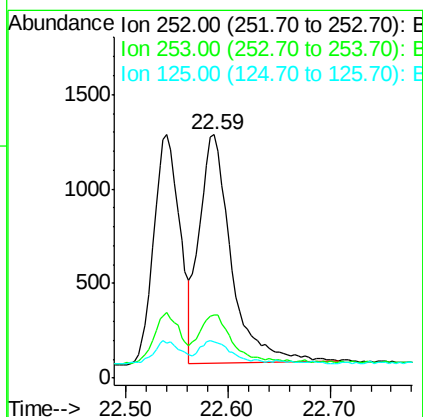
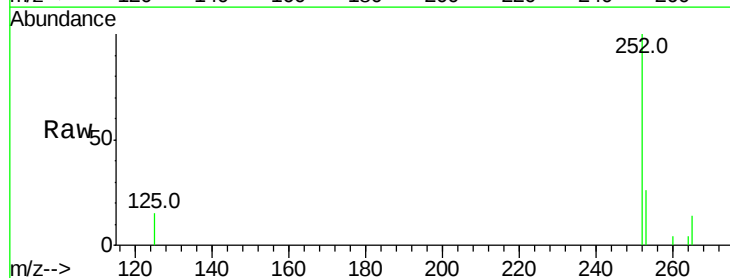
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2190
Ion Ratio Lower Upper
252 100
253 26.9 20.0 30.0
125 14.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE096935.D
Acq: 16 Jul 2018 12:22

Tgt Ion:252 Resp: 2630
Ion Ratio Lower Upper
252 100
253 25.7 16.0 24.0#
125 15.0 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.168 ng

RT: 23.11 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

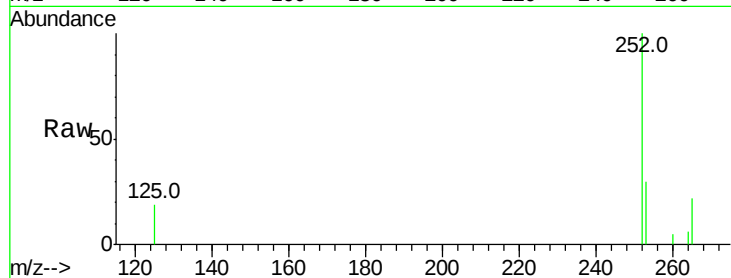
Tot Ion:252 Resp: 1914

Ion Ratio Lower Upper

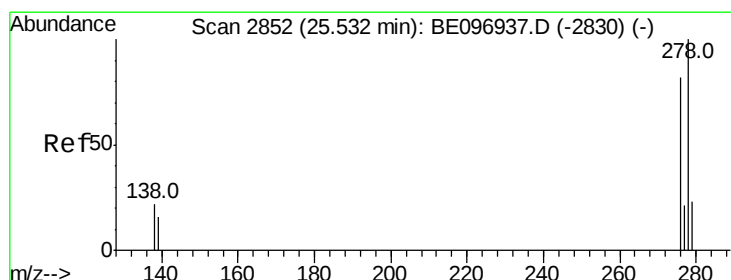
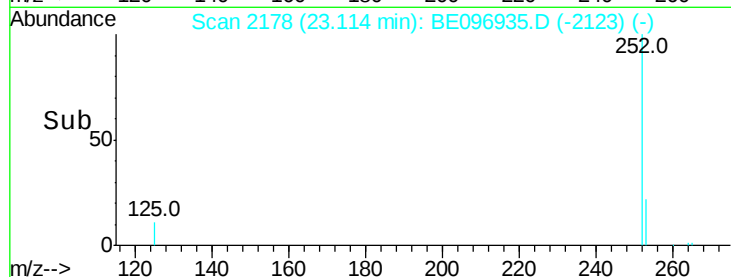
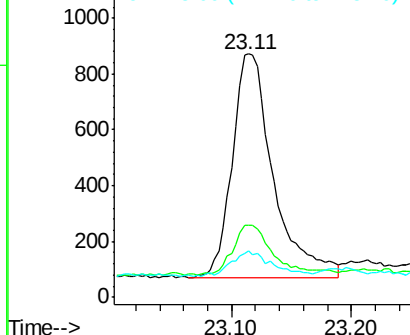
252 100

253 29.6 16.0 24.0#

125 19.2 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.175 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

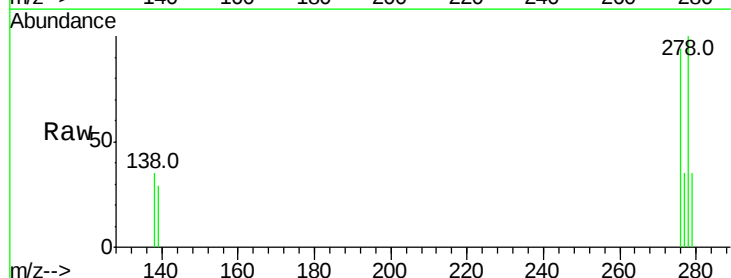
Tgt Ion:278 Resp: 1411

Ion Ratio Lower Upper

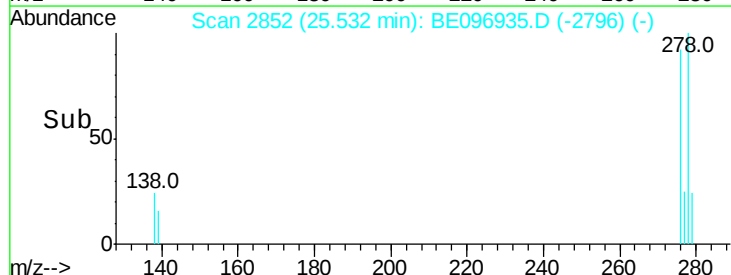
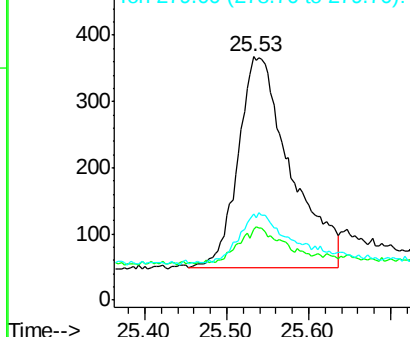
278 100

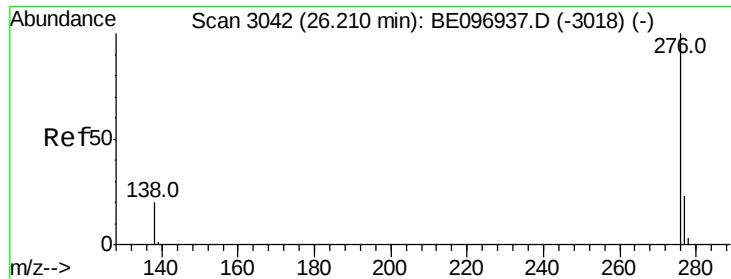
139 29.1 16.0 24.0#

279 35.3 20.0 30.0#



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: 0.087 ng

RT: 26.21 min Scan# 3042

Delta R.T. -0.00 min

Lab File: BE096935.D

Acq: 16 Jul 2018 12:22

Instrument :

BNA_E

ClientSampleId :

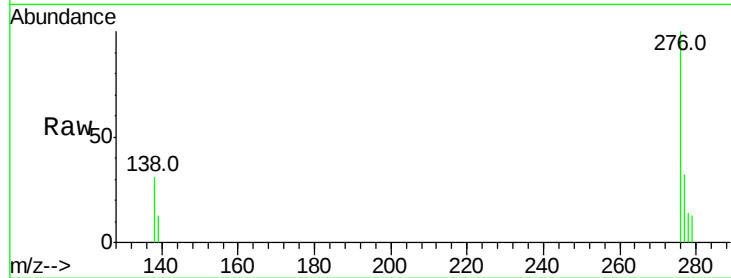
Tot Ion:276 Resp: 1785

Ion Ratio Lower Upper

276 100

277 32.2 16.0 24.0#

138 30.8 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

26.21

400

300

200

100

0

26.10 26.20 26.30

Time-->

