

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096264.D
 Acq On : 1 May 2018 19:15
 Operator : SJ/JU
 Sample : J2507-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:56:19 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	804	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3012	0.40	ng	0.00
13) Acenaphthene-d10	14.95	164	1593	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3778	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3889	0.40	ng	0.00
34) Perylene-d12	24.35	264	3648	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	413	0.17	ng	0.01
5) Phenol-d6	7.52	99	389	0.11	ng	0.01
8) Nitrobenzene-d5	9.45	82	130	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.73	152	1813	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	200	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3029	0.44	ng	0.00
25) Fluoranthene-d10	19.64	212	20075	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	3837	0.45	ng	0.00

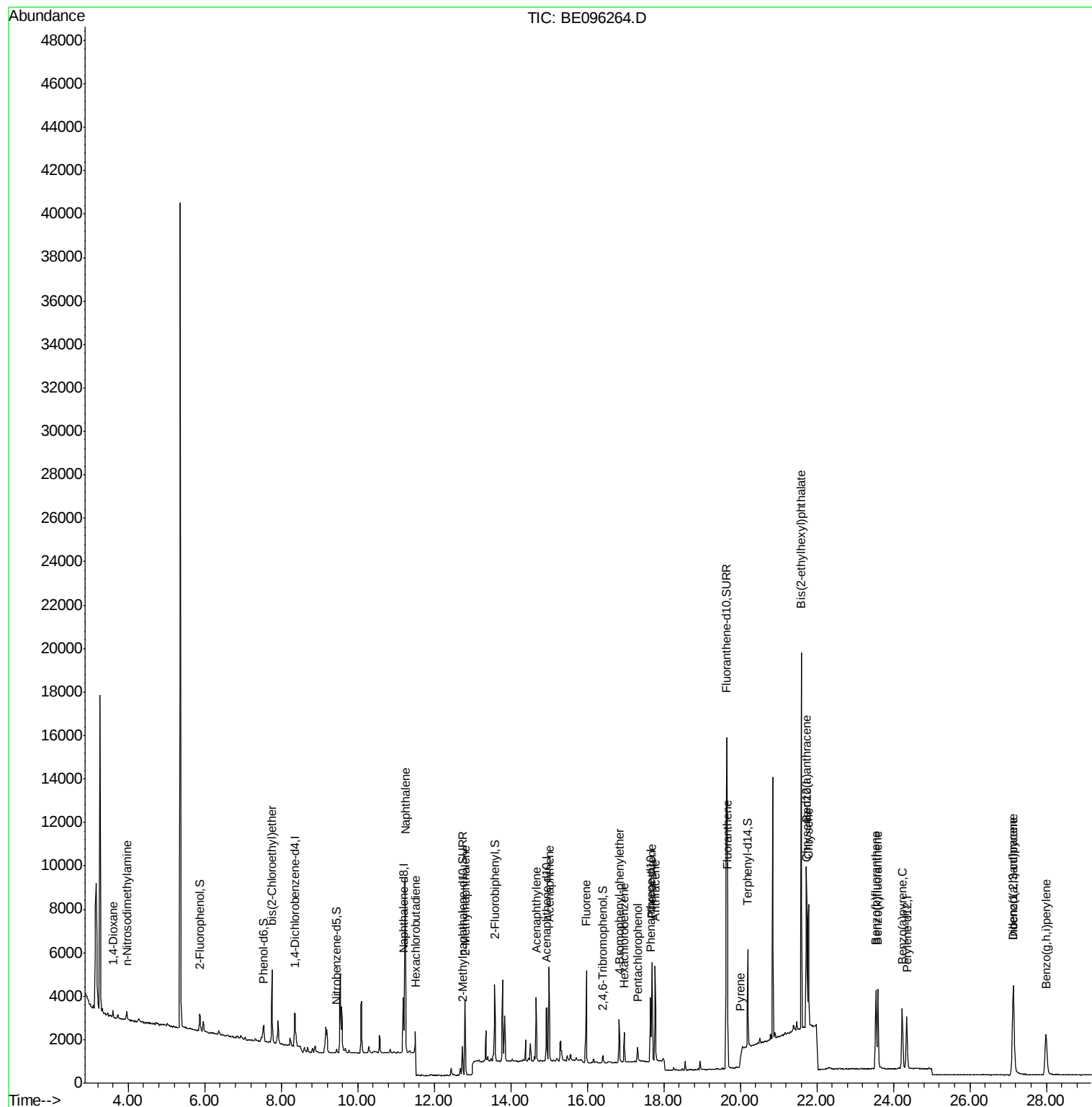
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	205	0.165	ng	# 71
3) n-Nitrosodimethylamine	3.96	42	335	0.220	ng	# 75
6) bis(2-Chloroethyl)ether	7.76	93	1172	0.388	ng	96
9) Naphthalene	11.24	128	13932	0.439	ng	99
10) Hexachlorobutadiene	11.50	225	457	0.325	ng	89
12) 2-Methylnaphthalene	12.81	142	2367	0.450	ng	97
16) Acenaphthylene	14.67	152	3253	0.382	ng	100
17) Acenaphthene	15.00	154	2150	0.421	ng	94
18) Fluorene	15.97	166	3609	0.570	ng	# 69
20) 4-Bromophenyl-phenylether	16.83	248	923	0.411	ng	# 73
21) Hexachlorobenzene	16.96	284	911	0.407	ng	# 81
22) Pentachlorophenol	17.31	266	406	0.529	ng	# 73
23) Phenanthrene	17.68	178	5041	0.475	ng	98
24) Anthracene	17.78	178	4540	0.448	ng	# 95
26) Fluoranthene	19.66	202	6455	0.463	ng	98
28) Pyrene	20.00	202	377	0.049	ng	# 65
30) Benzo(a)anthracene	21.73	228	5858	0.470	ng	96
31) Chrysene	21.79	228	5702	0.473	ng	98
32) Bis(2-ethylhexyl)phthalate	21.60	149	18323	0.569	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5930	0.508	ng	95
35) Benzo(b)fluoranthene	23.54	252	5495	0.502	ng	# 93
36) Benzo(k)fluoranthene	23.60	252	5573	0.495	ng	# 89
37) Benzo(a)pyrene	24.23	252	4786	0.455	ng	# 91
38) Dibenzo(a,h)anthracene	27.14	278	4699	0.507	ng	97
39) Benzo(g,h,i)perylene	27.99	276	4942	0.504	ng	# 92

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

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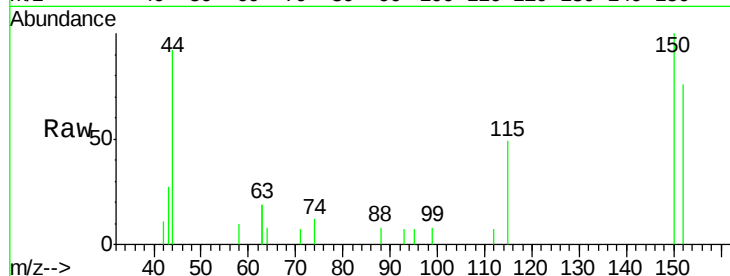


#1

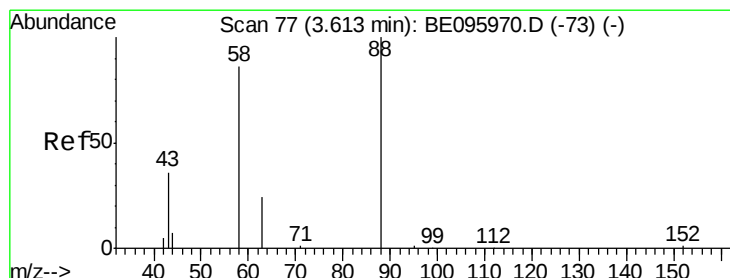
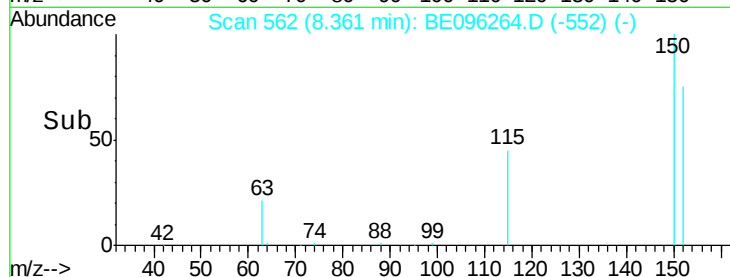
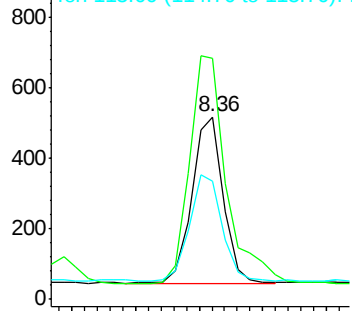
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
150 132.2 117.2 175.8
115 65.1 57.0 85.6



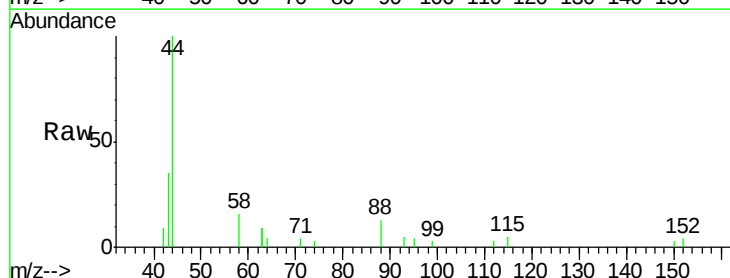
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



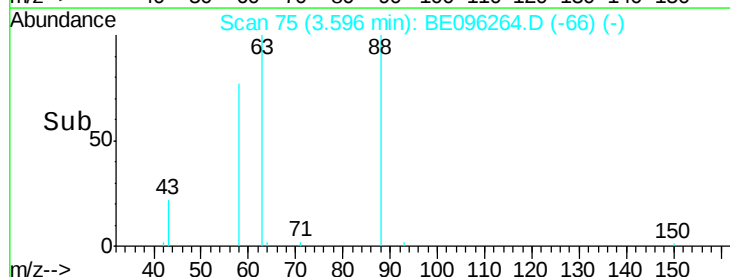
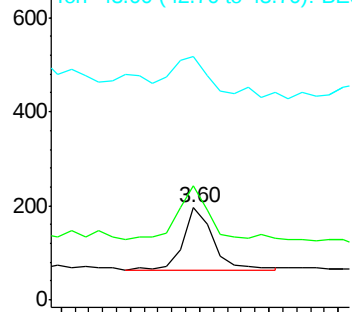
#2

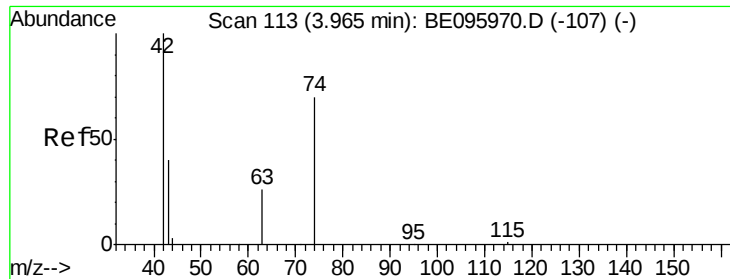
1,4-Dioxane
Concen: 0.165 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Tgt Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
58 82.9 63.2 94.8
43 98.0 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



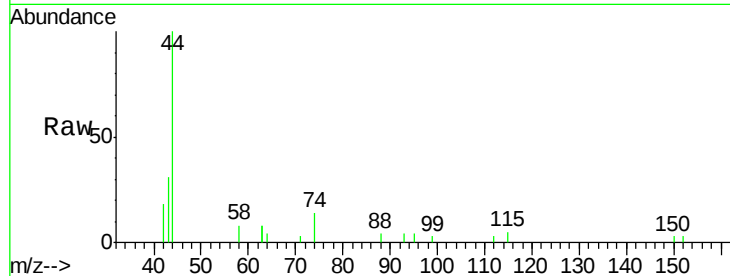


#3

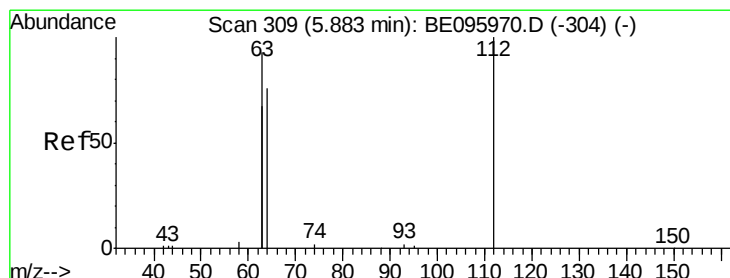
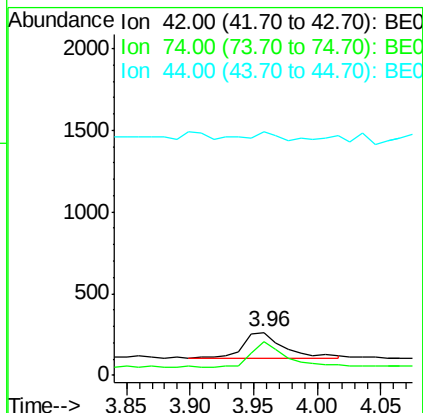
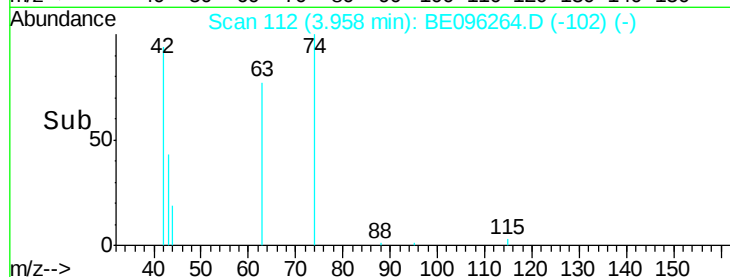
n-Nitrosodimethylamine
 Concen: 0.220 ng
 RT: 3.96 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BE096264.D
 Acq: 1 May 2018 19:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 335
 Ion Ratio Lower Upper
 42 100
 74 89.9 96.0 144.0#
 44 16.7 12.0 18.0



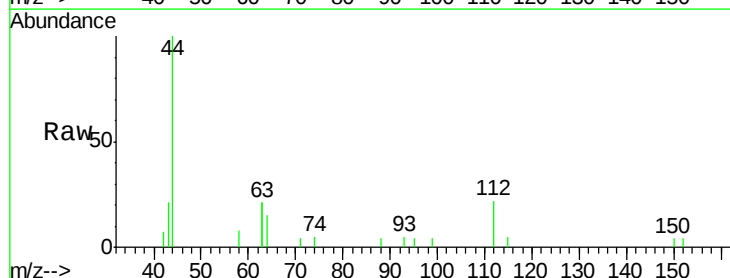
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



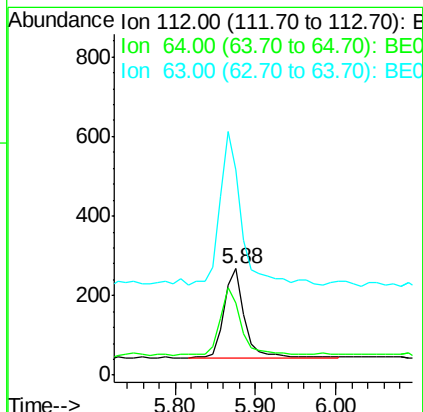
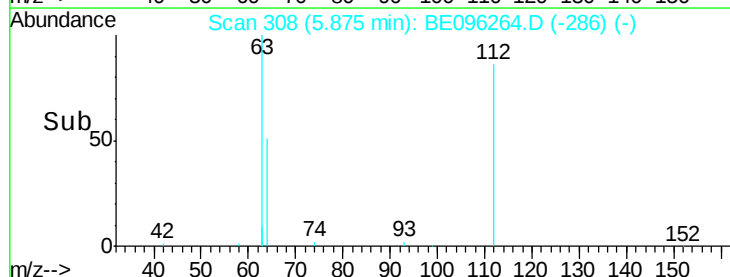
#4

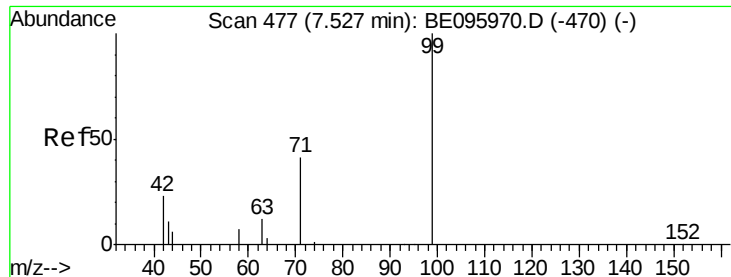
2-Fluorophenol
 Concen: 0.166 ng
 RT: 5.88 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096264.D
 Acq: 1 May 2018 19:15

Tgt Ion: 112 Resp: 413
 Ion Ratio Lower Upper
 112 100
 64 75.8 60.1 90.1
 63 176.5 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampled :

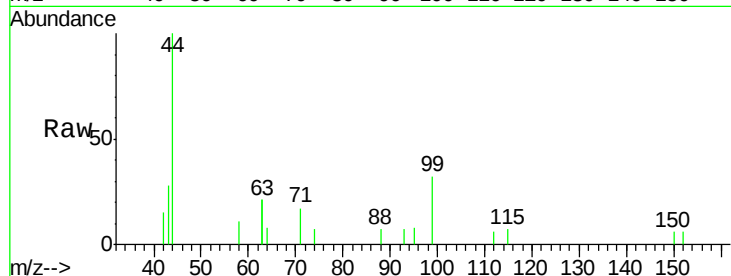
Tot Ion: 99 Resp: 389

Ion Ratio Lower Upper

99 100

42 39.3 20.2 30.2#

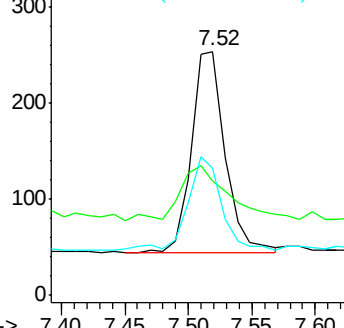
71 47.0 28.4 42.6#



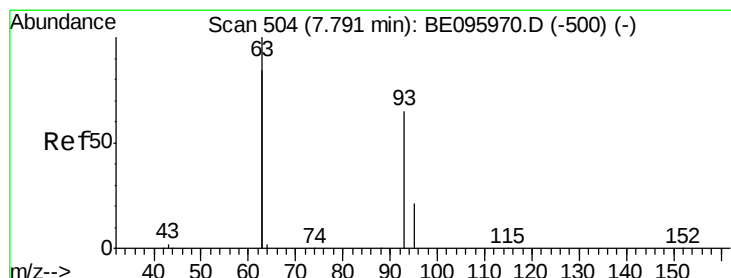
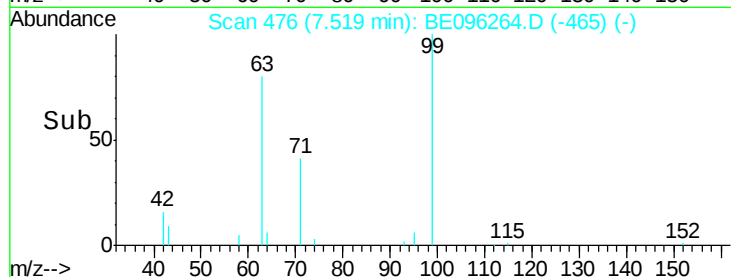
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

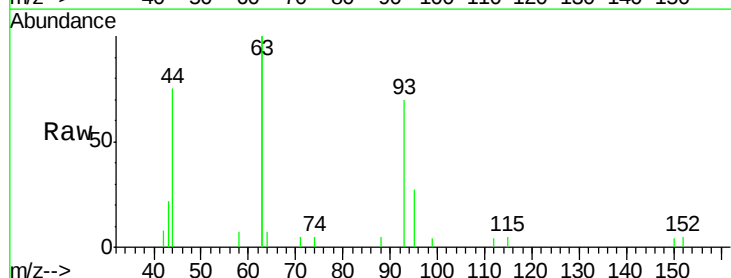
Tgt Ion: 93 Resp: 1172

Ion Ratio Lower Upper

93 100

63 334.8 275.3 412.9

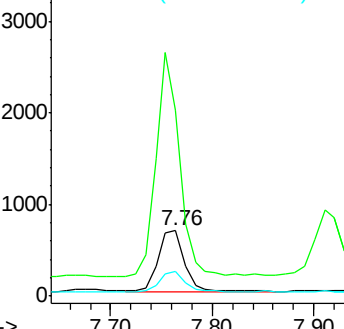
95 33.0 25.2 37.8



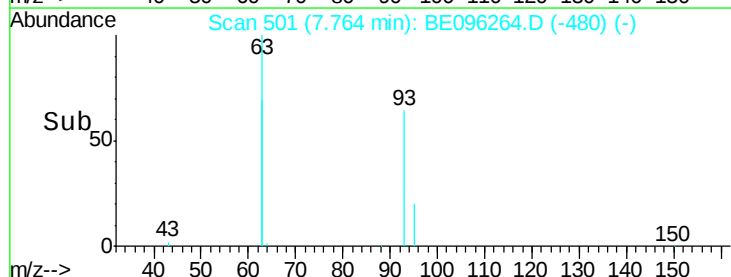
Abundance Ion 93.00 (92.70 to 93.70): BE0

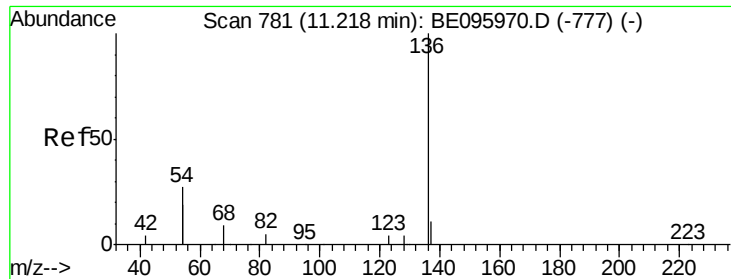
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->

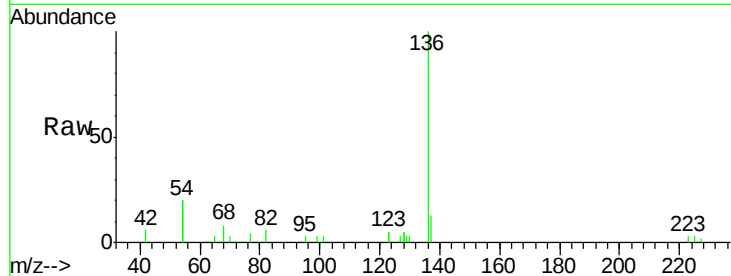




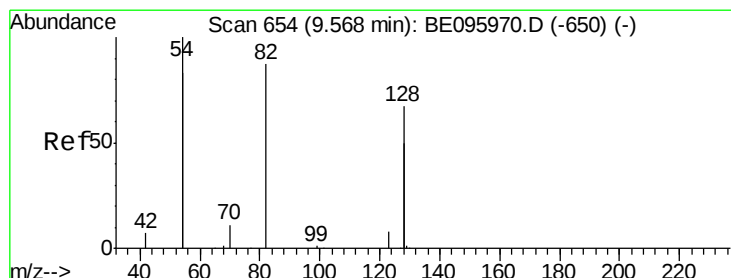
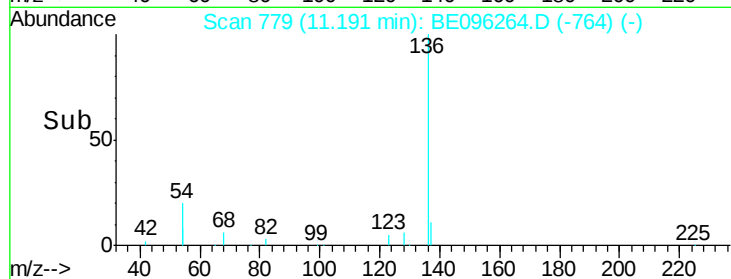
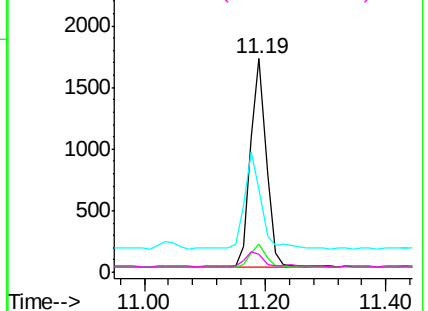
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp:	3012
Ion	Ratio	Lower Upper
136	100	
137	12.9	9.5 14.3
54	39.1	29.1 43.7
68	8.4	6.2 9.2

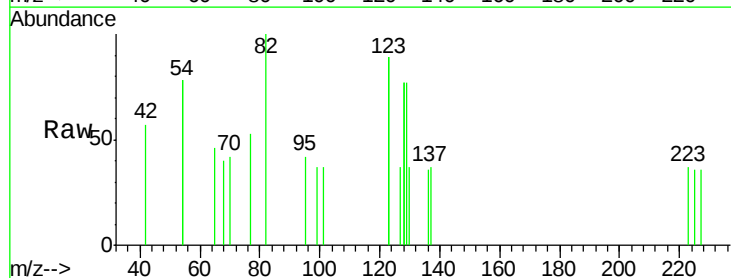


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

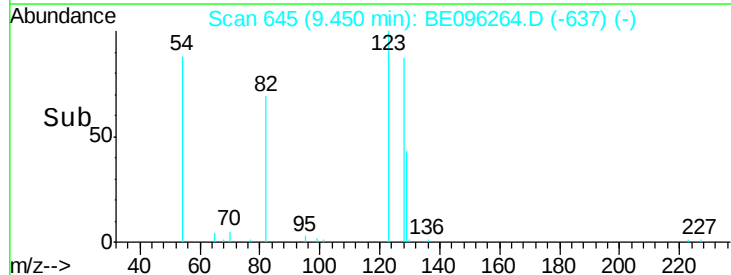
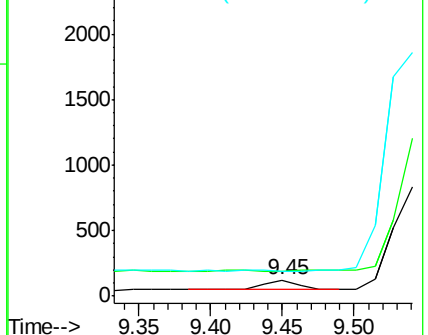


#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 9.45 min Scan# 645
Delta R.T. -0.09 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Tgt Ion: 82	Resp:	130
Ion	Ratio	Lower Upper
82	100	
128	154.5	150.0 225.0
54	156.1	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: 0.439 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

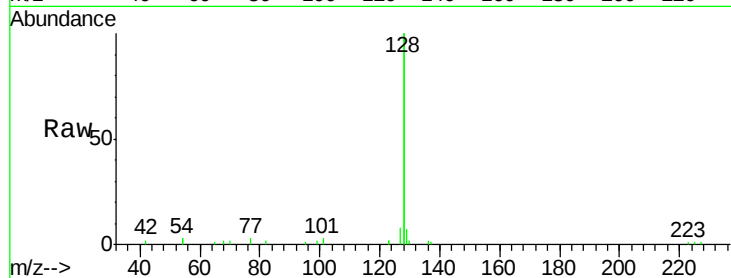
Tot Ion:128 Resp: 13932

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

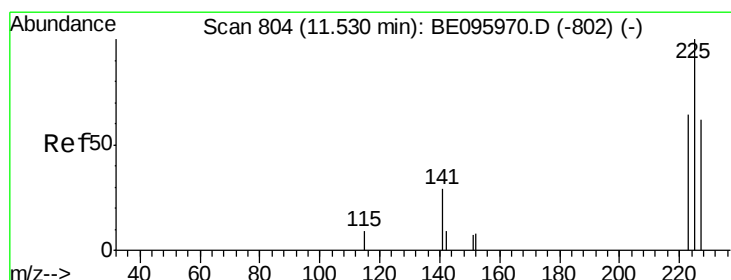
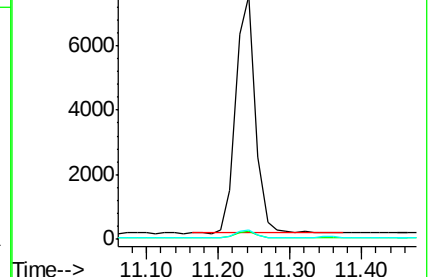
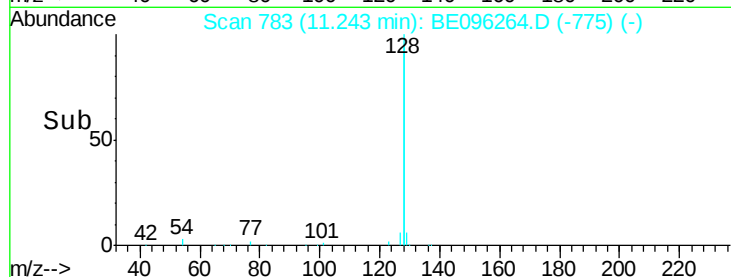
127 3.8 2.8 4.2



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: 0.325 ng

RT: 11.50 min Scan# 803

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

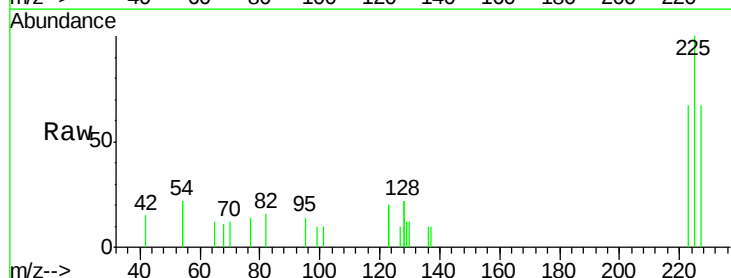
Tgt Ion:225 Resp: 457

Ion Ratio Lower Upper

225 100

223 55.4 53.0 79.6

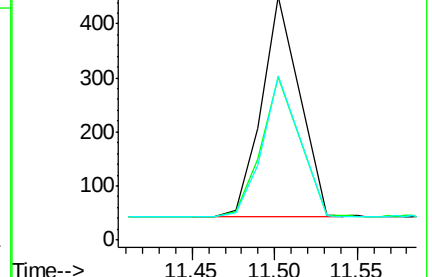
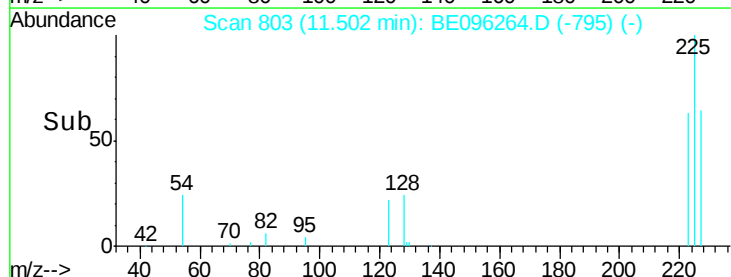
227 58.6 51.4 77.2

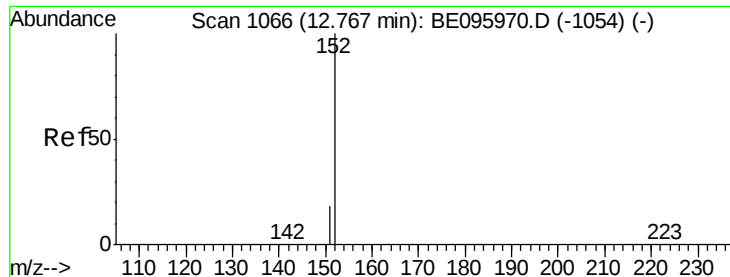


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

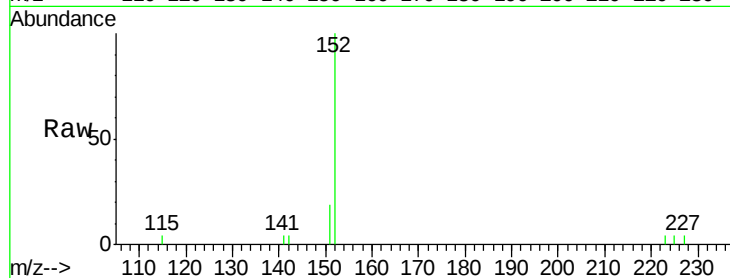
ClientSampleId :

Tot Ion:152 Resp: 1813

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

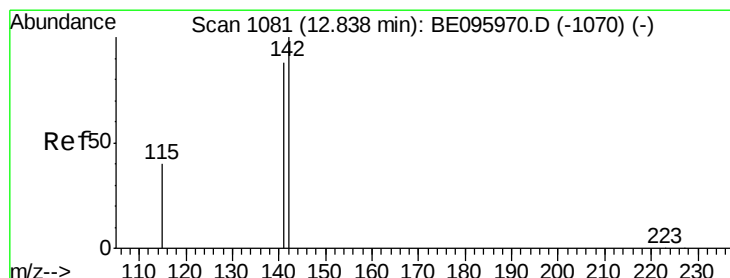
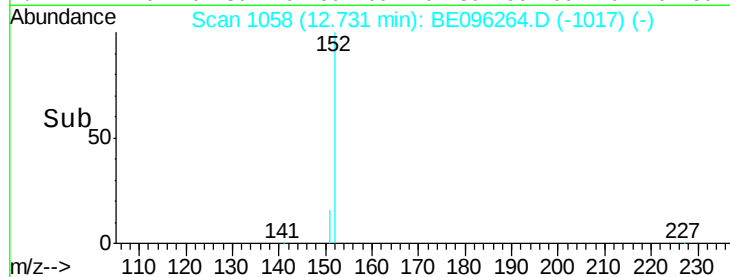
12.73

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.450 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

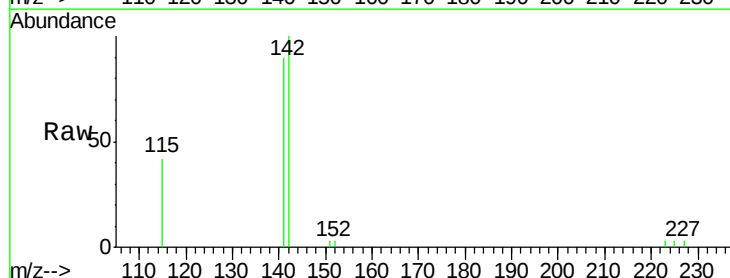
Tgt Ion:142 Resp: 2367

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

115 42.1 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

2000

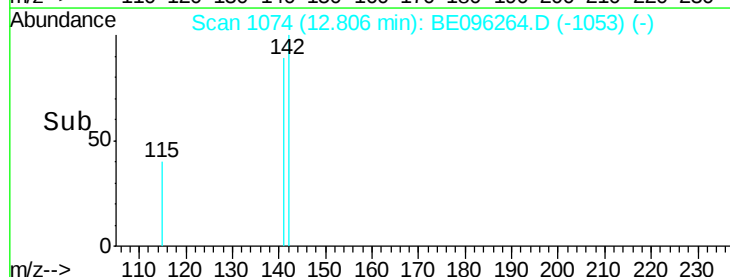
1500

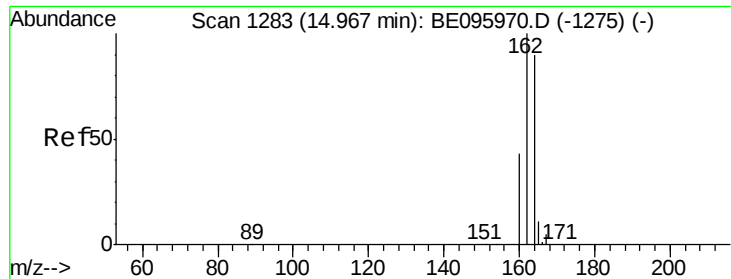
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.95 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

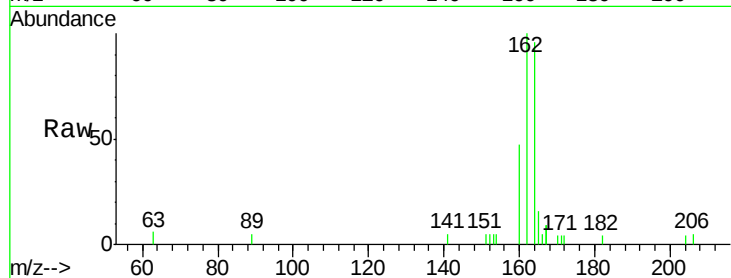
Tot Ion:164 Resp: 1593

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

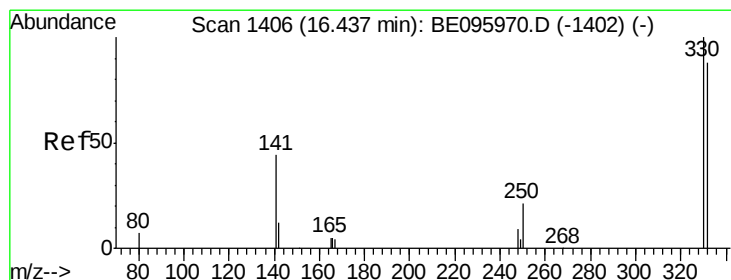
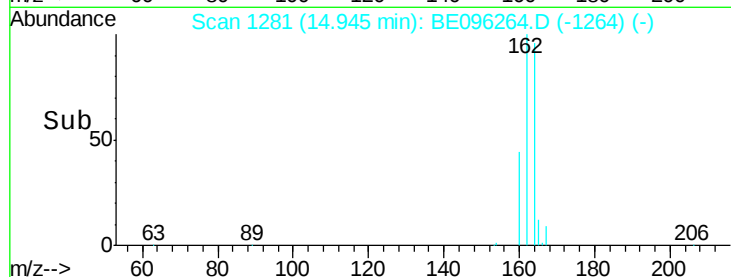
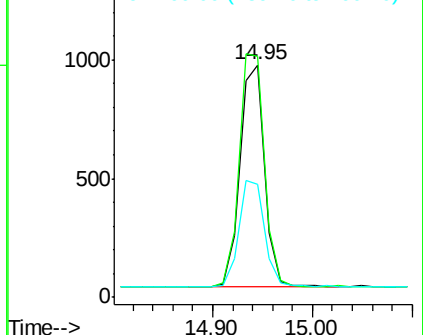
160 48.6 37.1 55.7



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: 0.260 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

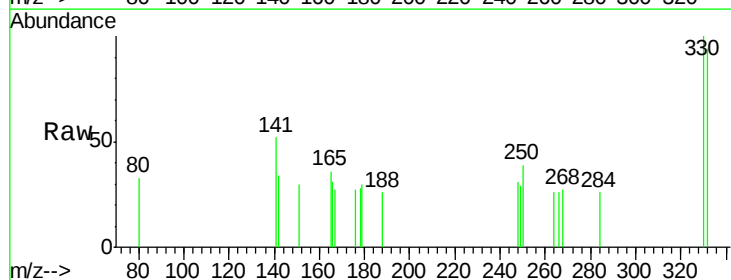
Tgt Ion:330 Resp: 200

Ion Ratio Lower Upper

330 100

332 90.0 152.7 229.1#

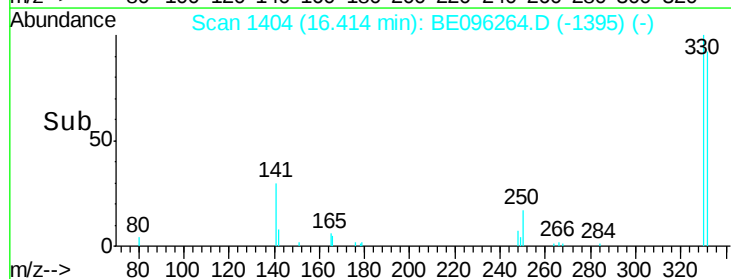
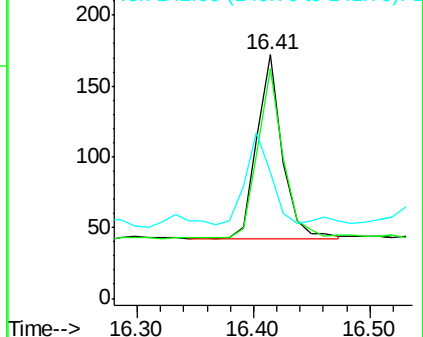
141 50.5 33.7 50.5

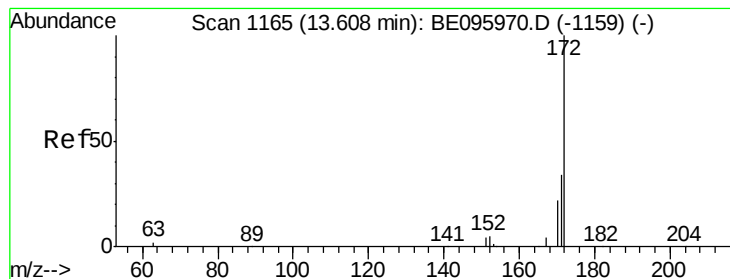


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.444 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

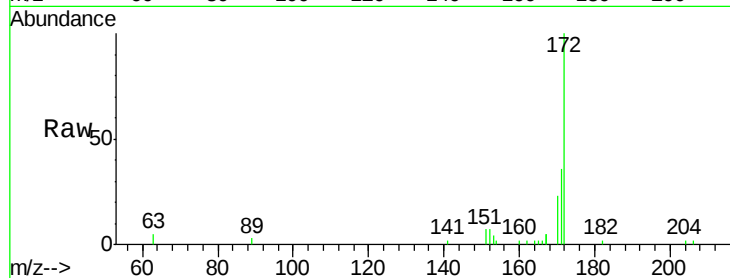
Tot Ion:172 Resp: 3029

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

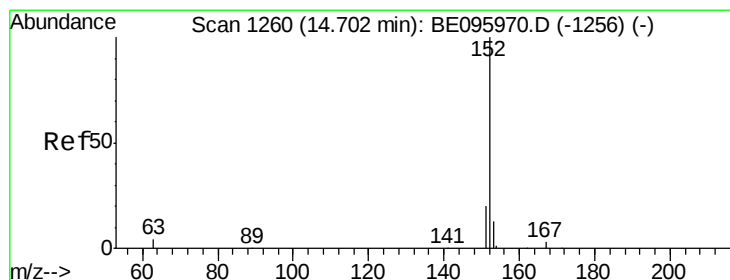
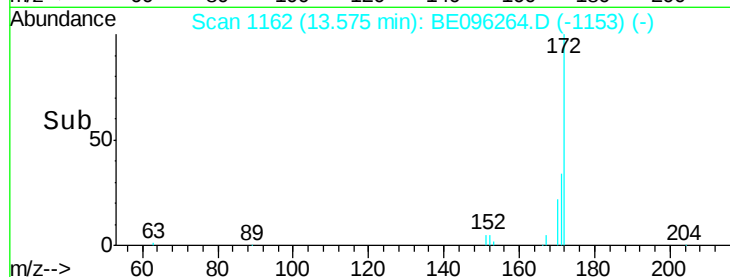
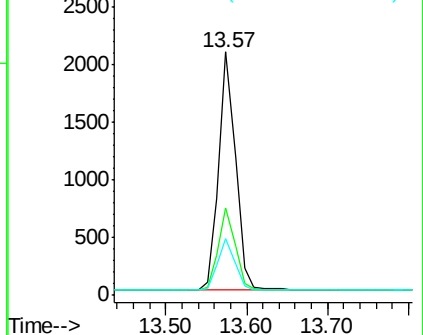
170 23.2 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.382 ng

RT: 14.67 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

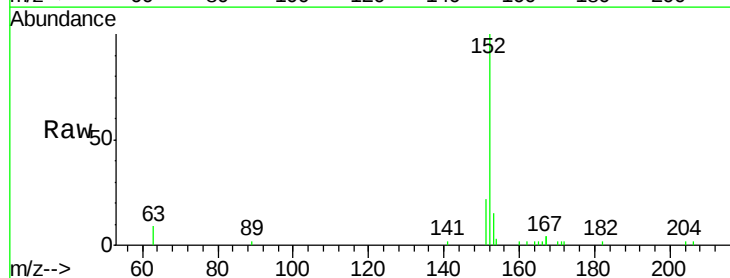
Tgt Ion:152 Resp: 3253

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

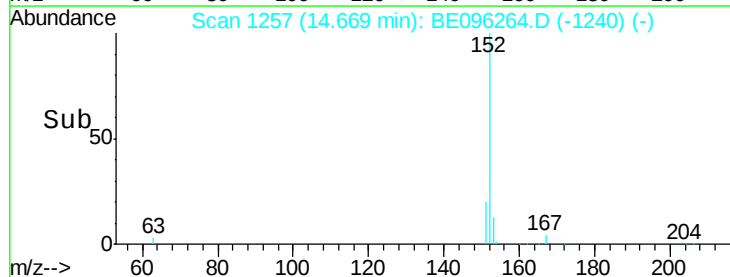
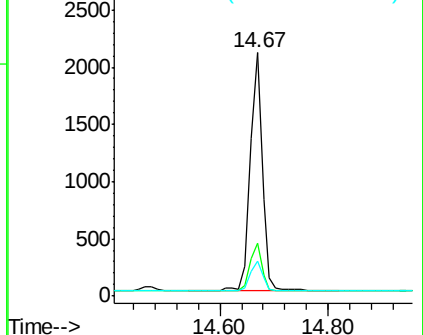
153 13.1 10.5 15.7

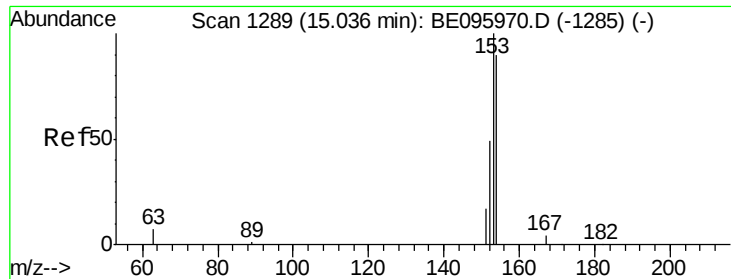


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.421 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

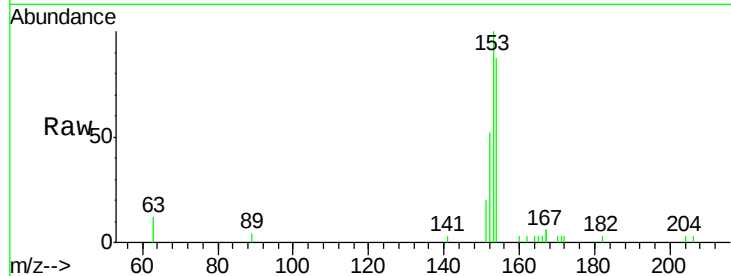
Tot Ion:154 Resp: 2150

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

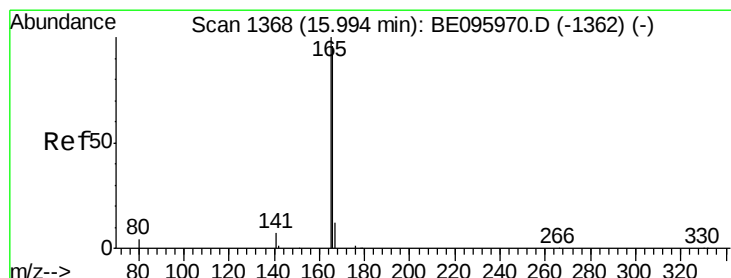
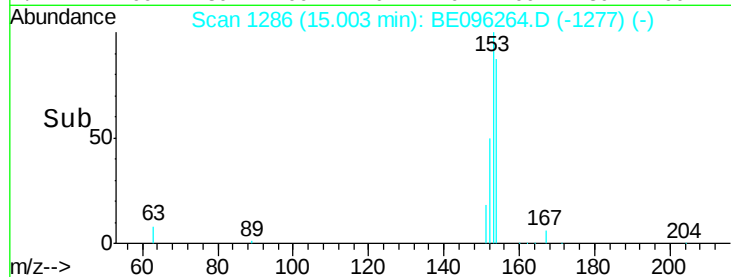
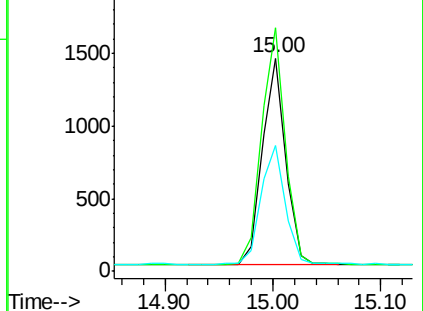
152 60.2 42.0 63.0



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: 0.570 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

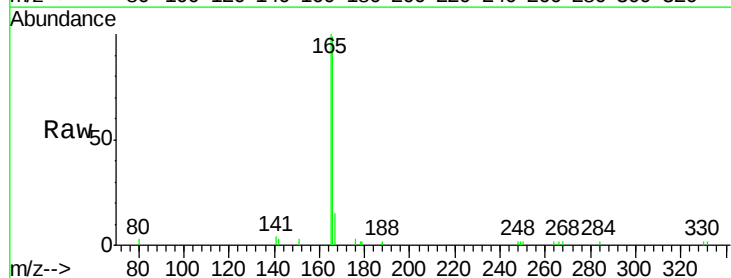
Tgt Ion:166 Resp: 3609

Ion Ratio Lower Upper

166 100

165 81.7 77.8 116.6

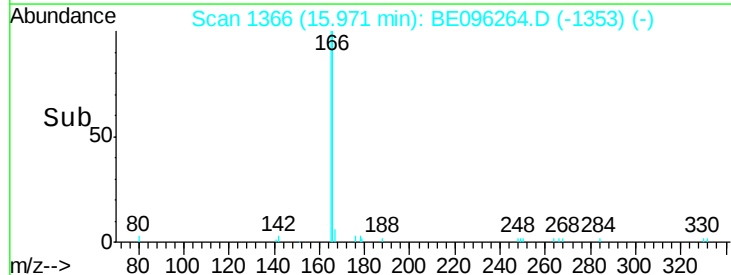
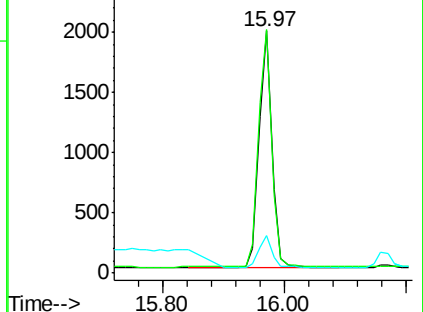
167 11.1 42.4 63.6#



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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

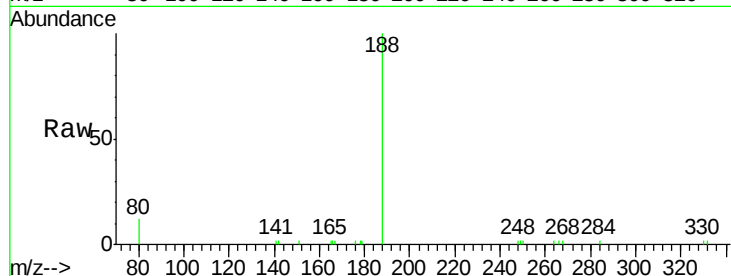
Tot Ion:188 Resp: 3778

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

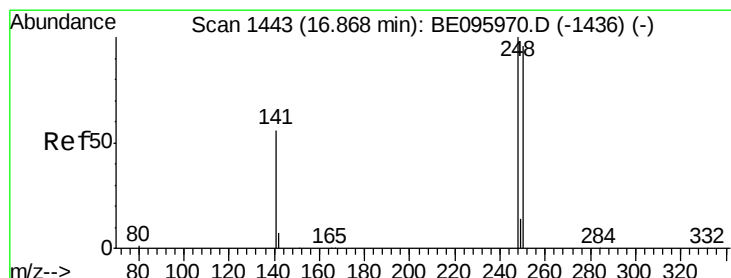
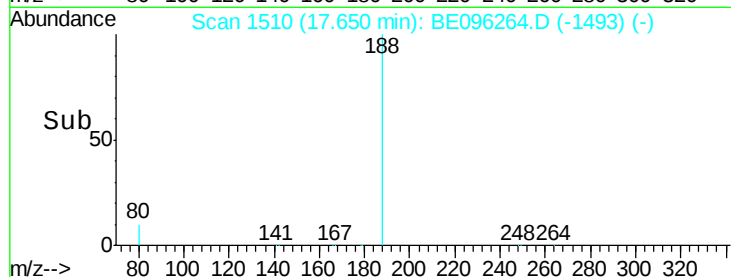
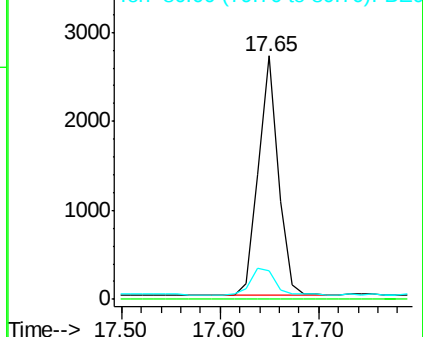
80 11.6 3.6 5.4#



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: 0.411 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

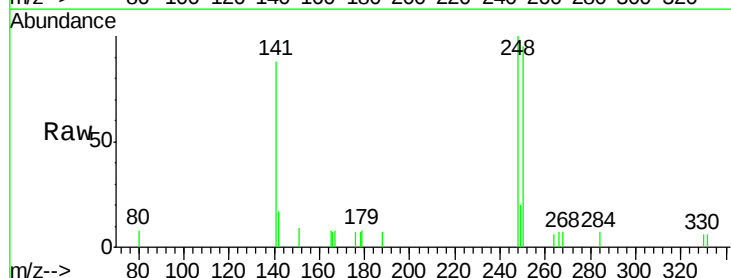
Tgt Ion:248 Resp: 923

Ion Ratio Lower Upper

248 100

250 94.9 62.7 94.1#

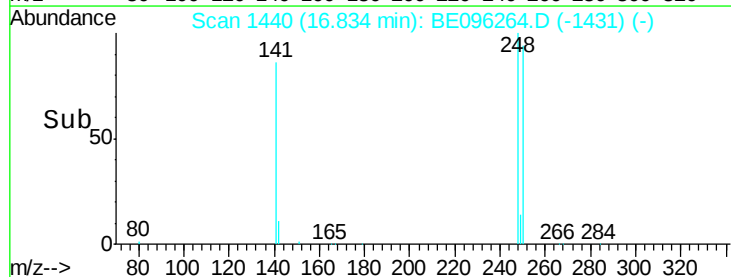
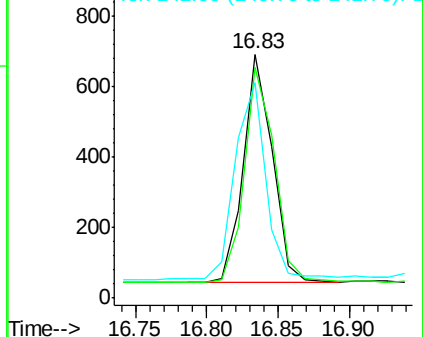
141 88.4 48.2 72.2#

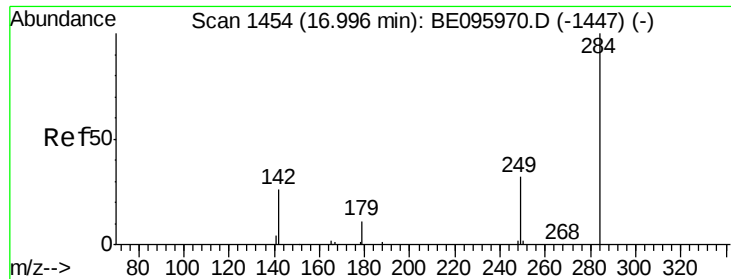


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.96 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampled :

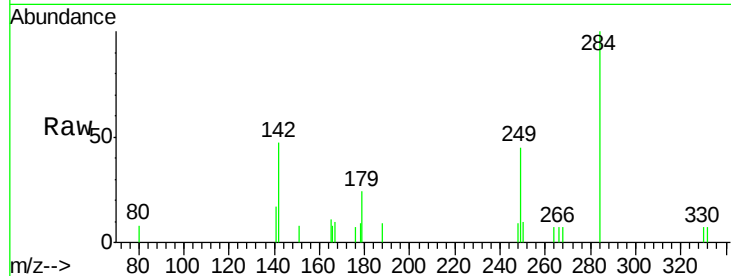
Tot Ion:284 Resp: 911

Ion Ratio Lower Upper

284 100

142 45.6 22.1 33.1#

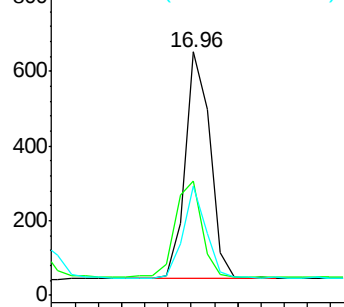
249 37.7 34.8 52.2



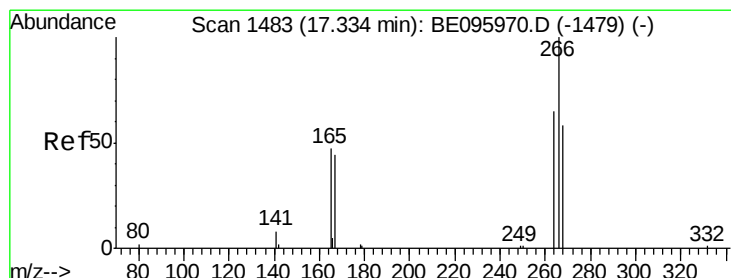
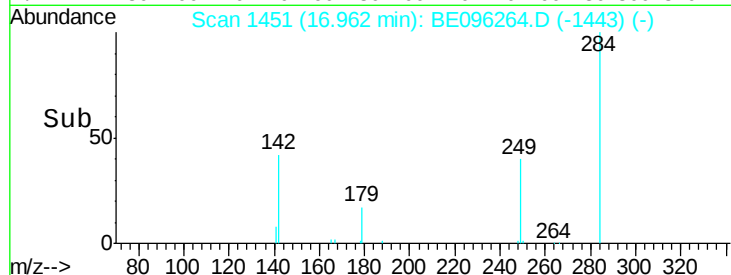
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.529 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

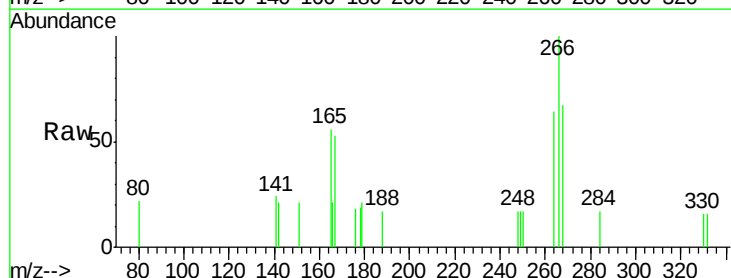
Tgt Ion:266 Resp: 406

Ion Ratio Lower Upper

266 100

264 64.4 72.5 108.7#

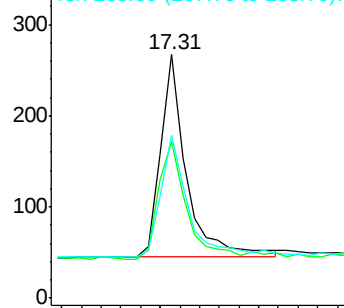
268 67.0 73.8 110.6#



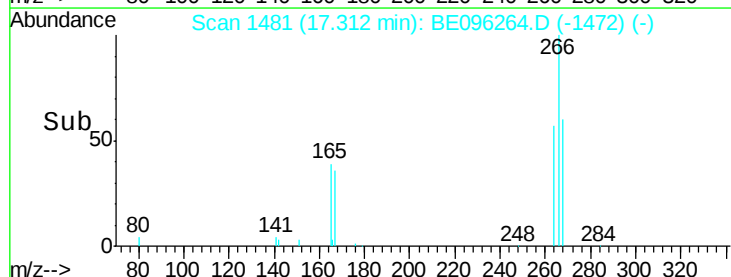
Abundance Ion 266.00 (265.70 to 266.70): E

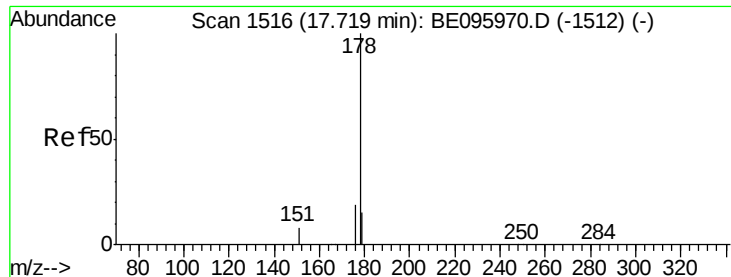
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.475 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

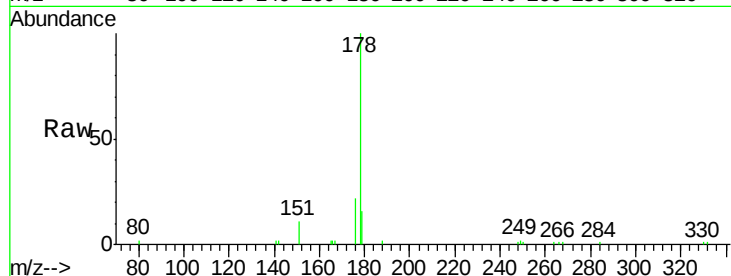
Tot Ion:178 Resp: 5041

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

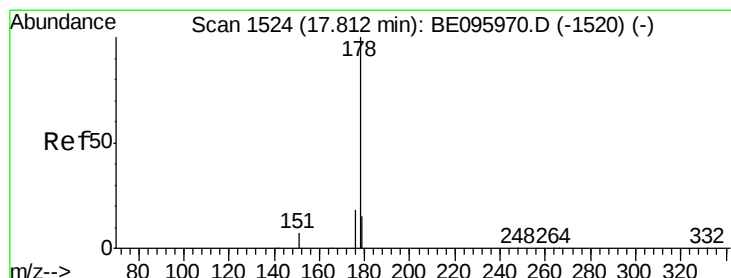
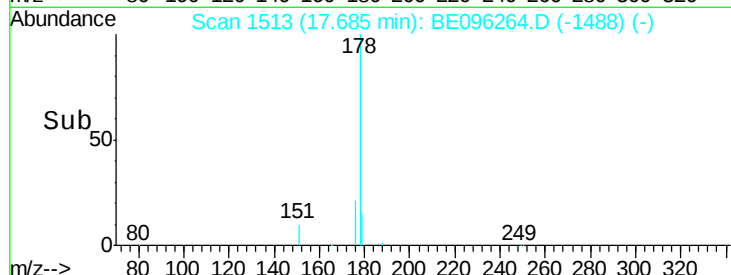
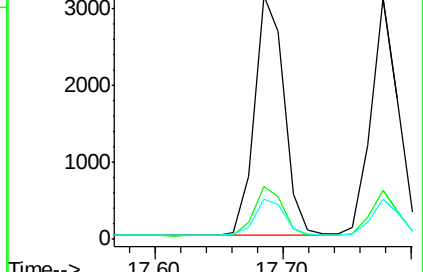
179 15.2 11.8 17.6



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: 0.448 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

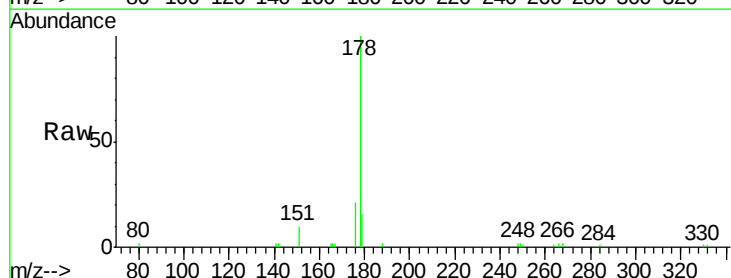
Tgt Ion:178 Resp: 4540

Ion Ratio Lower Upper

178 100

176 19.4 12.8 19.2#

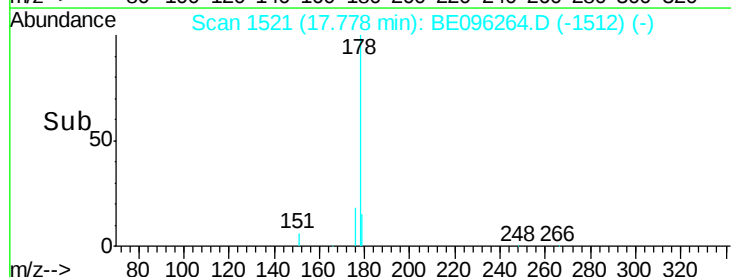
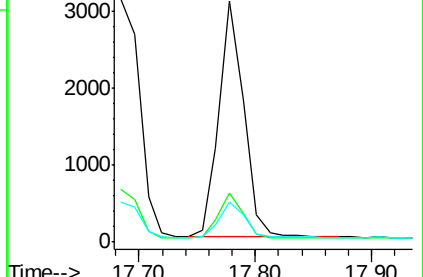
179 15.6 13.0 19.6

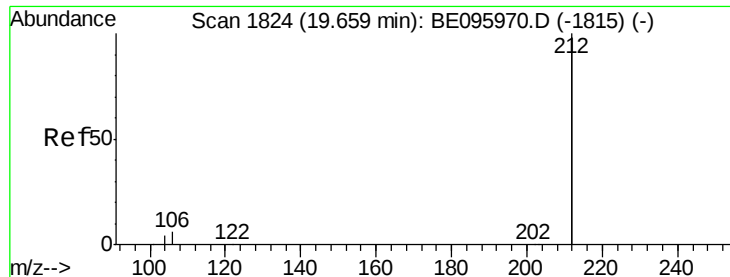


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

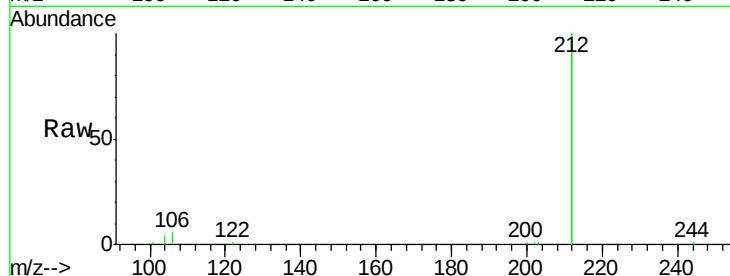
Tot Ion:212 Resp: 20075

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

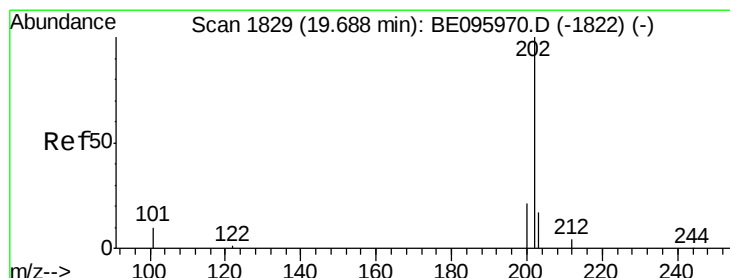
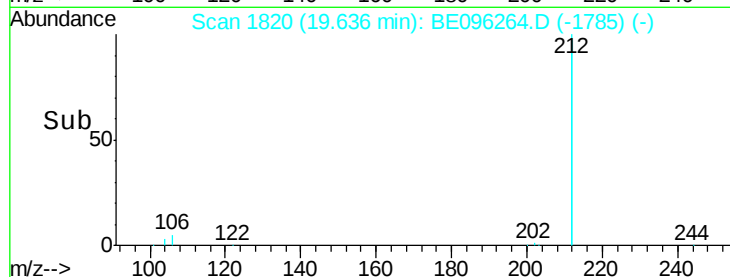
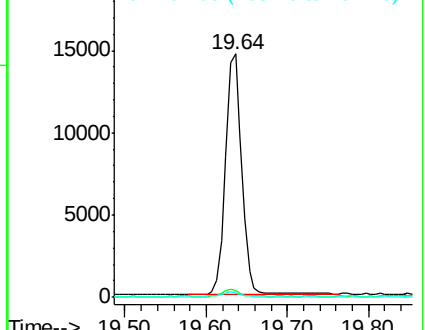
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.463 ng

RT: 19.66 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

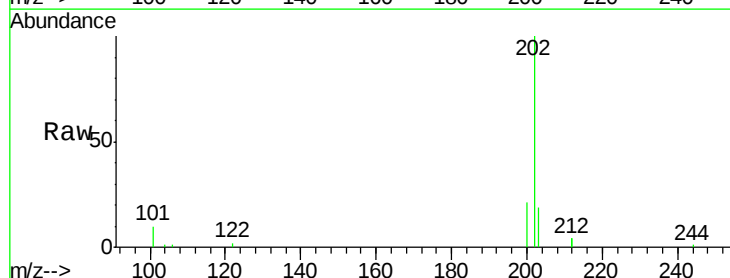
Tgt Ion:202 Resp: 6455

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

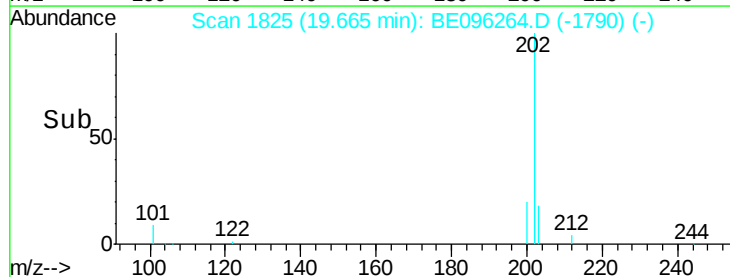
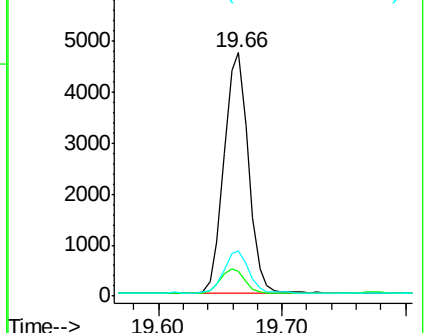
203 17.3 13.7 20.5



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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

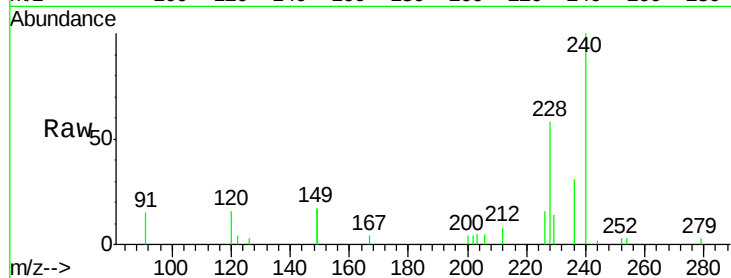
Tot Ion:240 Resp: 3889

Ion Ratio Lower Upper

240 100

120 15.6 5.5 8.3#

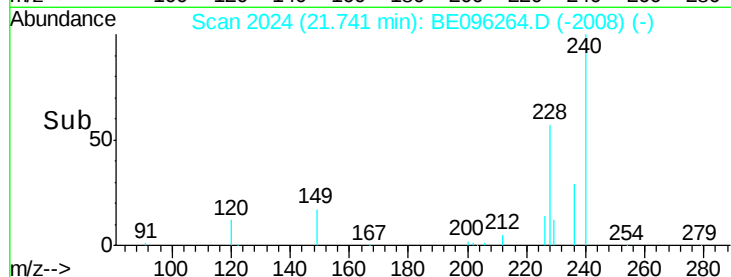
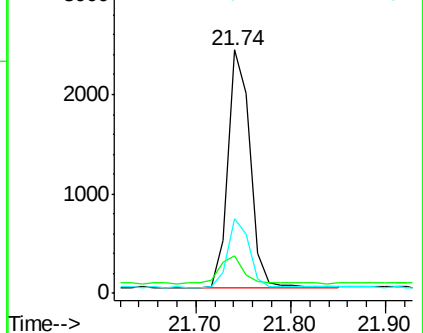
236 30.8 20.7 31.1



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: 0.049 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

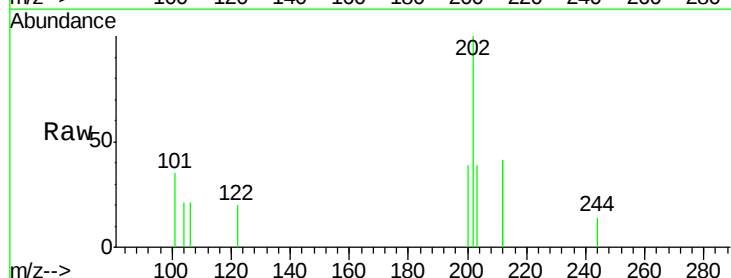
Tgt Ion:202 Resp: 377

Ion Ratio Lower Upper

202 100

200 27.3 16.6 25.0#

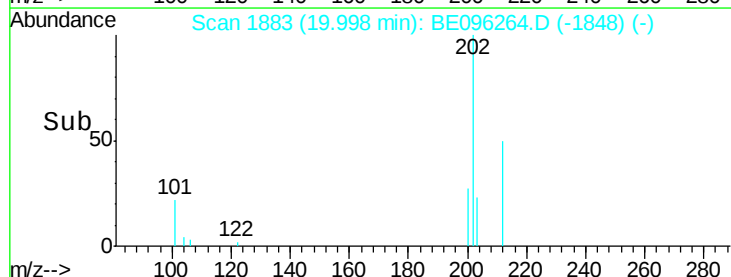
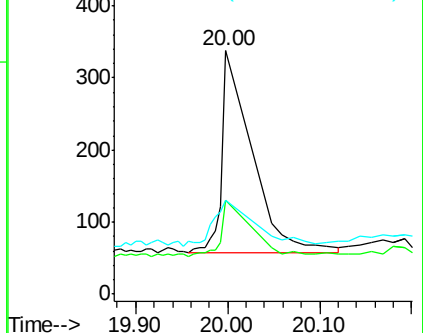
203 44.0 13.8 20.8#



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: 0.447 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

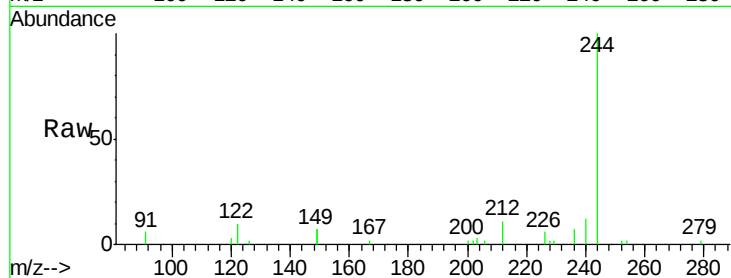
Tot Ion:244 Resp: 3837

Ion Ratio Lower Upper

244 100

212 11.0 25.4 38.0#

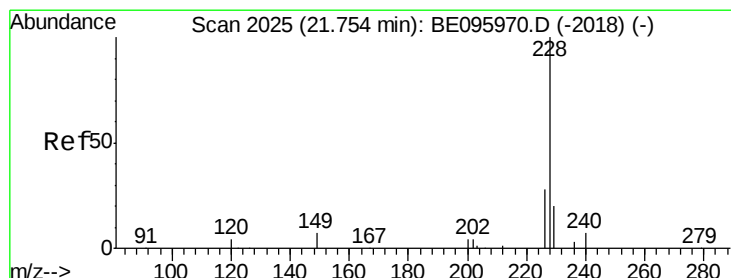
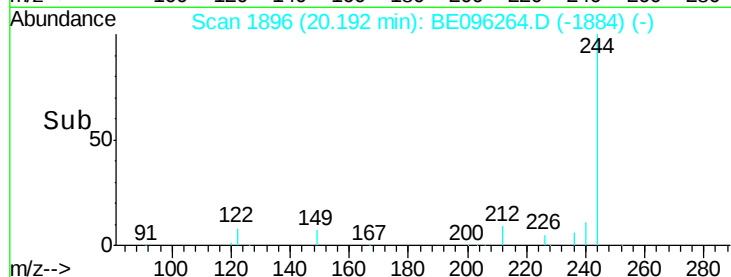
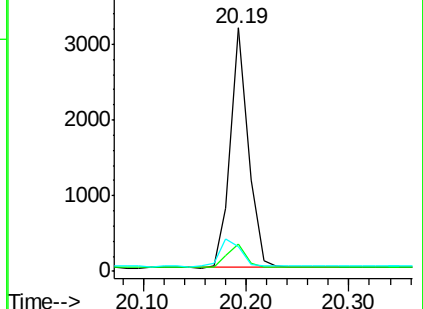
122 10.2 8.1 12.1



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: 0.470 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

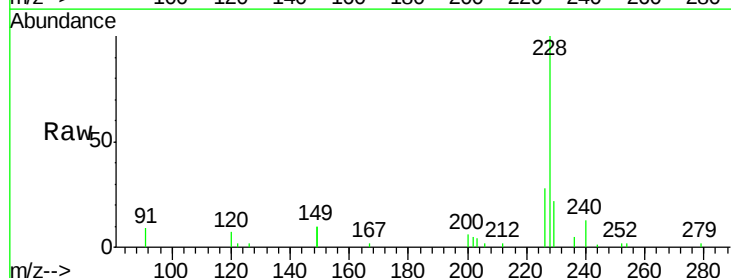
Tgt Ion:228 Resp: 5858

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

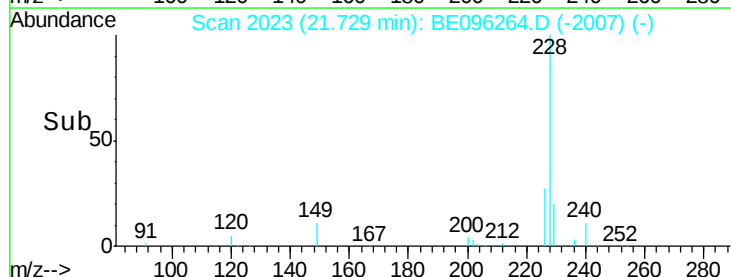
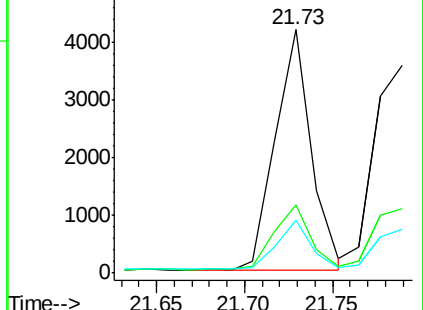
229 21.5 16.0 24.0



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: 0.473 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

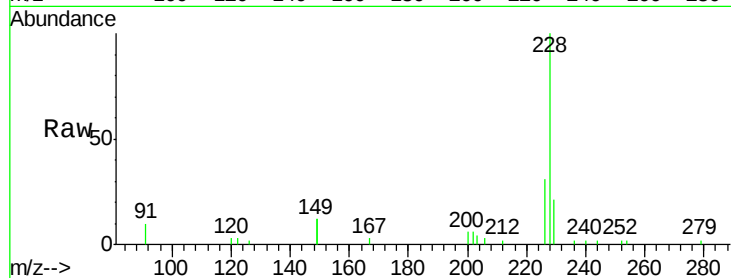
Tot Ion:228 Resp: 5702

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

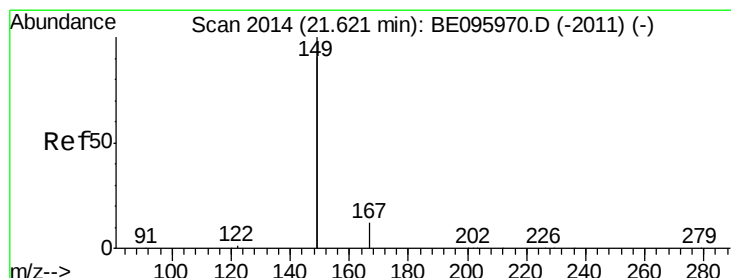
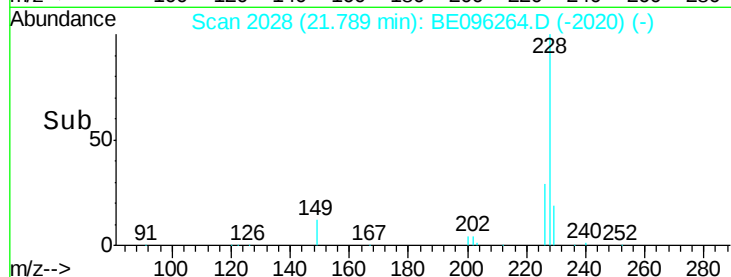
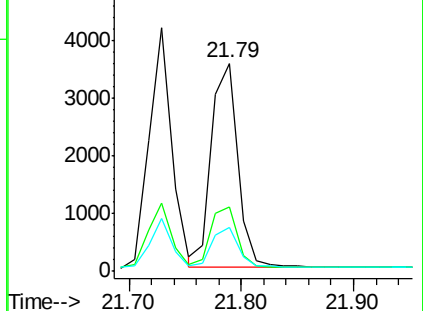
229 21.2 16.0 24.0



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: 0.569 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

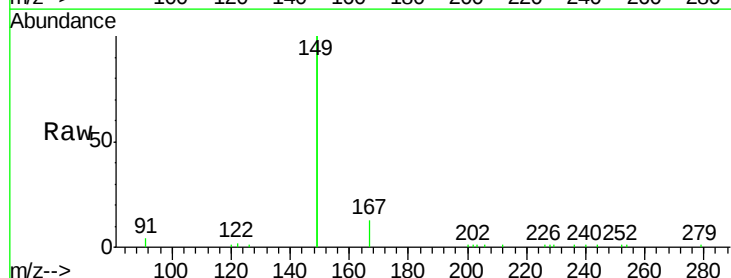
Tgt Ion:149 Resp: 18323

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

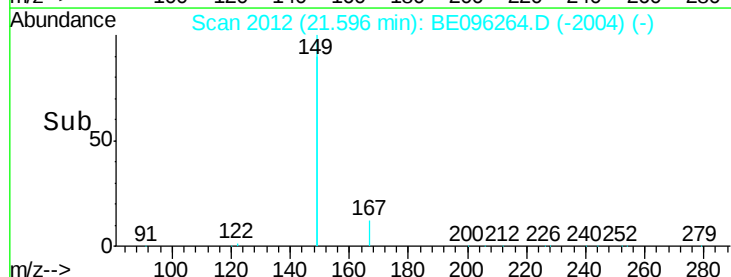
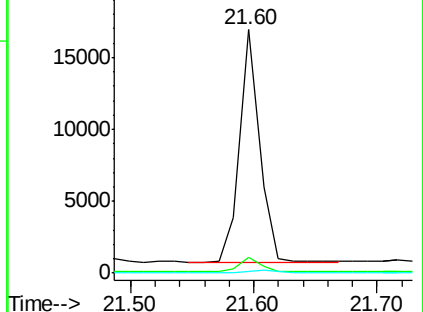
279 0.8 0.7 1.1



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

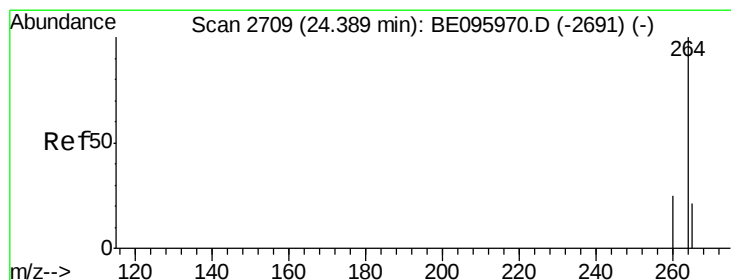
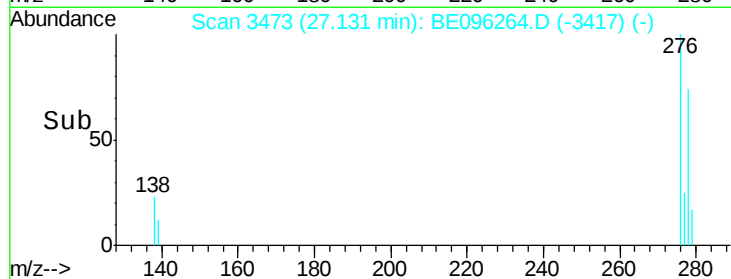
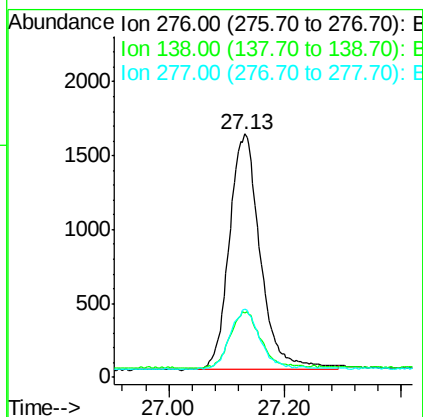
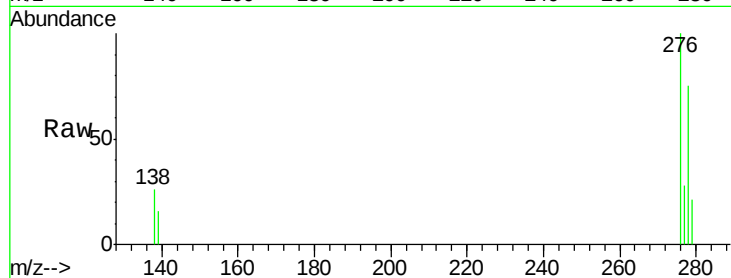




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.508 ng
RT: 27.13 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

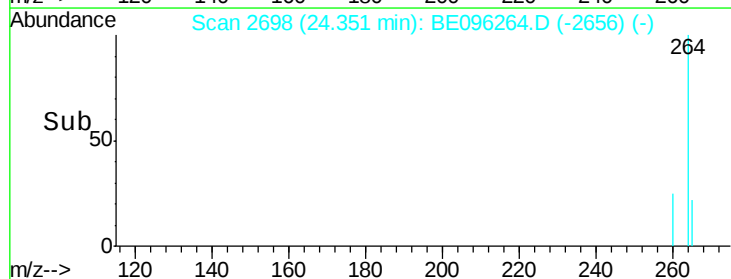
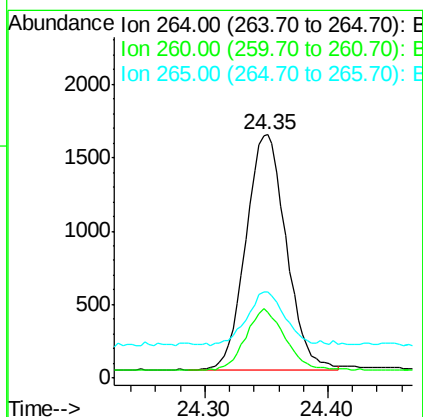
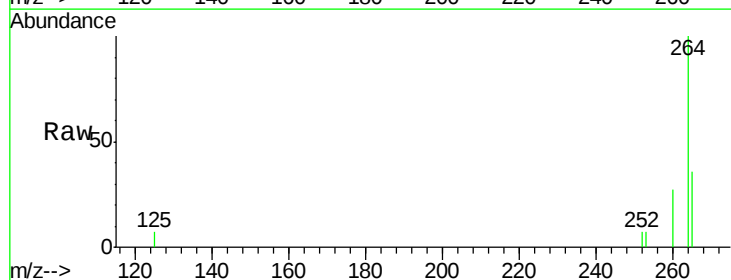
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 5930
Ion Ratio Lower Upper
276 100
138 24.0 22.5 33.7
277 24.1 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Tgt Ion:264 Resp: 3648
Ion Ratio Lower Upper
264 100
260 27.2 20.5 30.7
265 35.6 22.8 34.2#

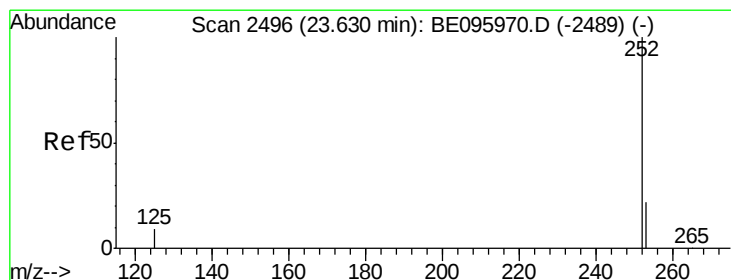
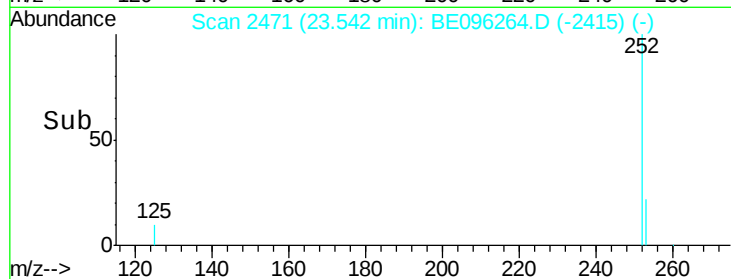
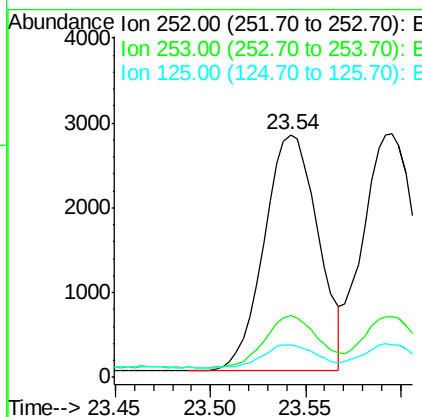
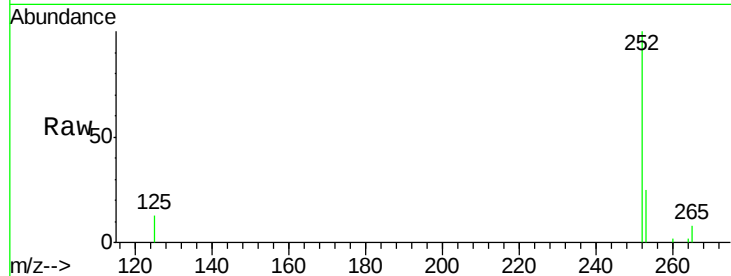




#35
Benzo(b)fluoranthene
Concen: 0.502 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

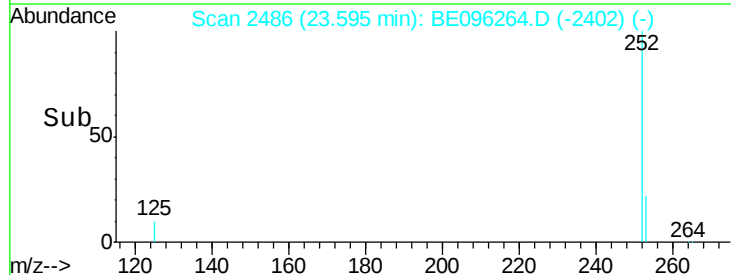
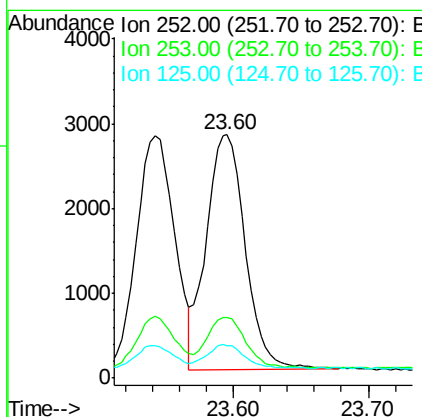
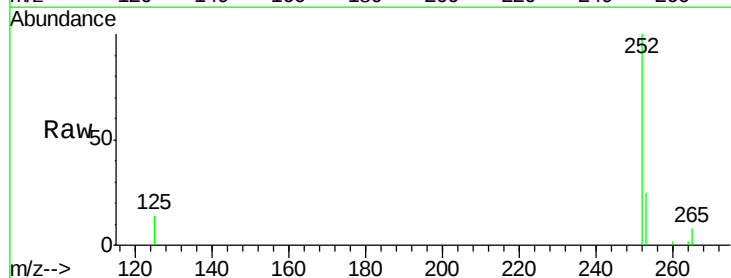
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 5495
Ion Ratio Lower Upper
252 100
253 25.3 20.0 30.0
125 13.2 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.495 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096264.D
Acq: 1 May 2018 19:15

Tgt Ion:252 Resp: 5573
Ion Ratio Lower Upper
252 100
253 25.0 16.0 24.0#
125 13.6 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.455 ng

RT: 24.23 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :

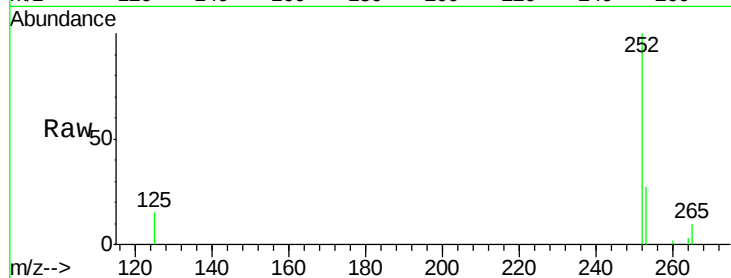
Tot Ion:252 Resp: 4786

Ion Ratio Lower Upper

252 100

253 27.3 16.0 24.0#

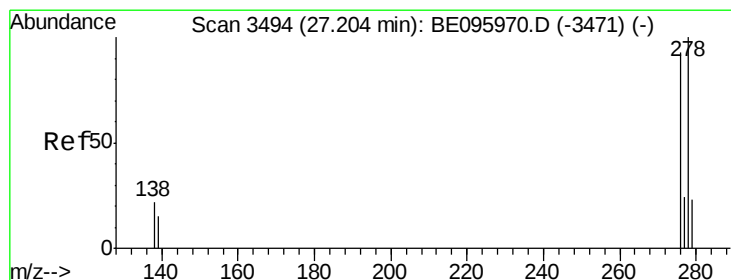
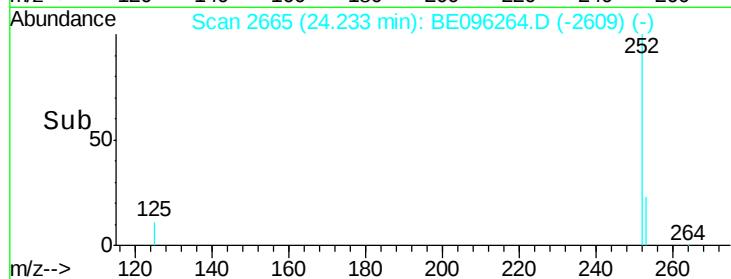
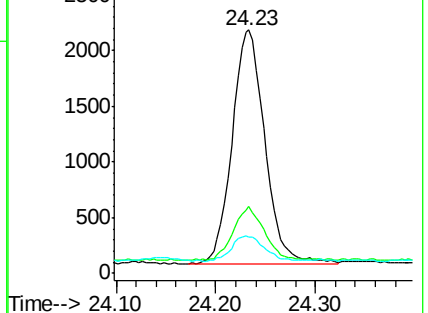
125 15.1 12.0 18.0



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: 0.507 ng

RT: 27.14 min Scan# 3475

Delta R.T. -0.00 min

Lab File: BE096264.D

Acq: 1 May 2018 19:15

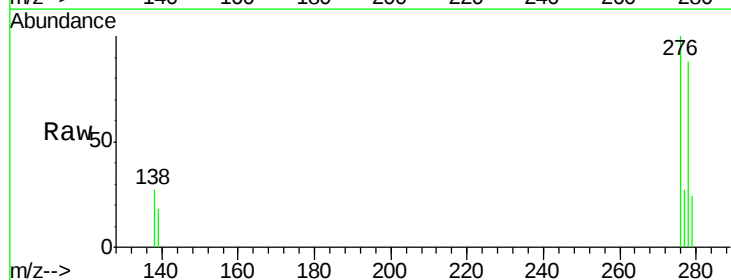
Tgt Ion:278 Resp: 4699

Ion Ratio Lower Upper

278 100

139 20.8 16.0 24.0

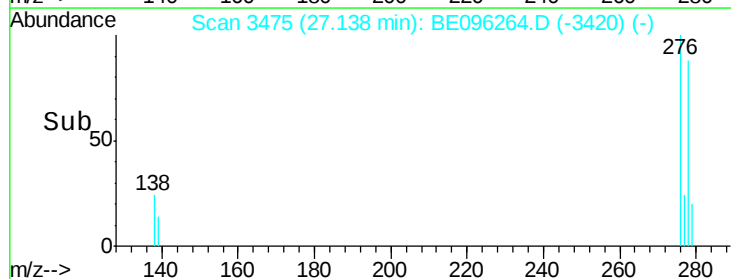
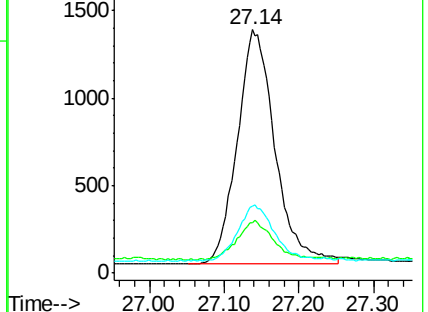
279 27.4 20.0 30.0



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: 0.504 ng

RT: 27.99 min Scan# 3714

Delta R.T. -0.00 min

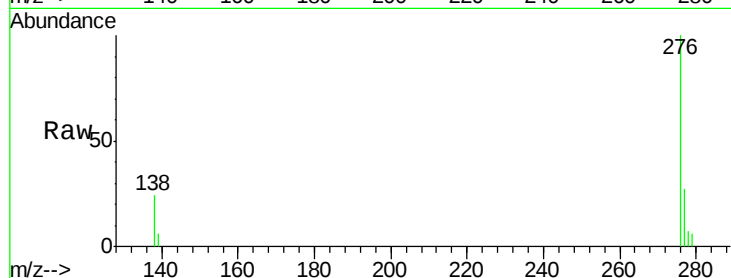
Lab File: BE096264.D

Acq: 1 May 2018 19:15

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 4942

Ion Ratio Lower Upper

276 100

277 26.7 16.0 24.0#

138 23.6 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

