

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097085.D
 Acq On : 24 Jul 2018 23:29
 Operator : SJ/JU
 Sample : J4073-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 25 00:39:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1319	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6170	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3786	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11424	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11037	0.40	ng	0.00
34) Perylene-d12	23.21	264	10243	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	829	0.22	ng	0.00
5) Phenol-d6	6.60	99	710	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	2862	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4547	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	656	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8095	0.62	ng	0.00
25) Fluoranthene-d10	18.80	212	65747	0.58	ng	0.00
29) Terphenyl-d14	19.42	244	13632	0.64	ng	0.00

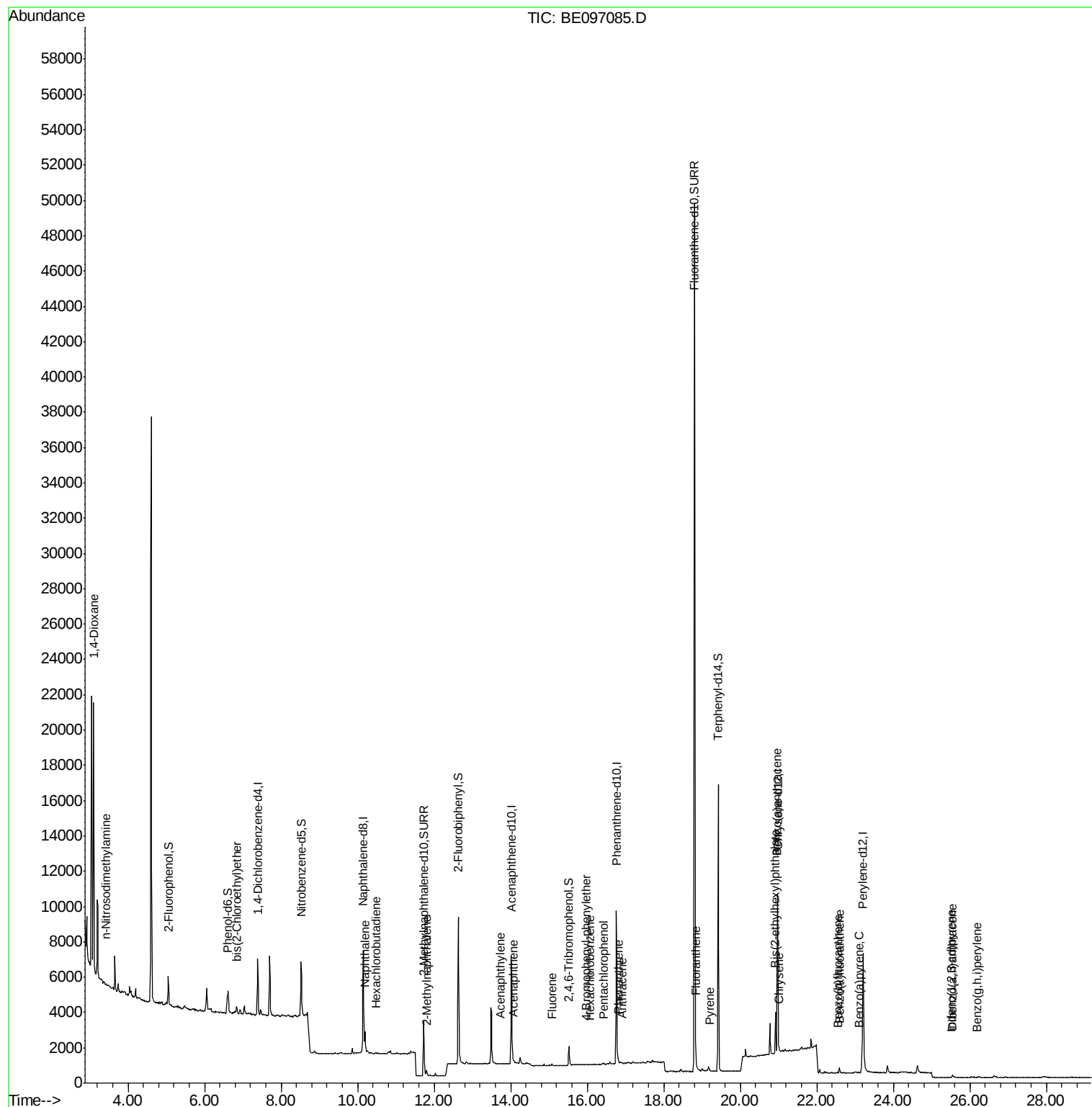
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	8303	3.961	ng	# 87
3) n-Nitrosodimethylamine	3.43	42	41	0.017	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	84	0.017	ng	# 82
9) Naphthalene	10.20	128	2123	0.038	ng	# 91
10) Hexachlorobutadiene	10.47	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	11.80	142	212	0.022	ng	# 84
16) Acenaphthylene	13.74	152	29	0.002	ng	# 51
17) Acenaphthene	14.08	154	32	0.003	ng	# 81
18) Fluorene	15.08	166	95	0.007	ng	# 64
20) 4-Bromophenyl-phenylether	15.97	248	6	0.001	ng	# 48
21) Hexachlorobenzene	16.07	284	13	0.002	ng	# 38
22) Pentachlorophenol	16.44	266	6	0.039	ng	# 94
23) Phenanthrene	16.81	178	303	0.011	ng	# 90
24) Anthracene	16.91	178	27	0.001	ng	# 1
26) Fluoranthene	18.84	202	87	0.003	ng	# 76
28) Pyrene	19.21	202	71	0.002	ng	# 82
30) Benzo(a)anthracene	20.97	228	69	0.003	ng	# 11
31) Chrysene	21.01	228	54	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.92	149	2930	0.096	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.54	252	52	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	46	0.002	ng	# 1
37) Benzo(a)pyrene	23.11	252	14	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.55	278	10	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.20	276	4	0.000	ng	# 1

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

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QLast Update : Tue Jul 24 13:24:10 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

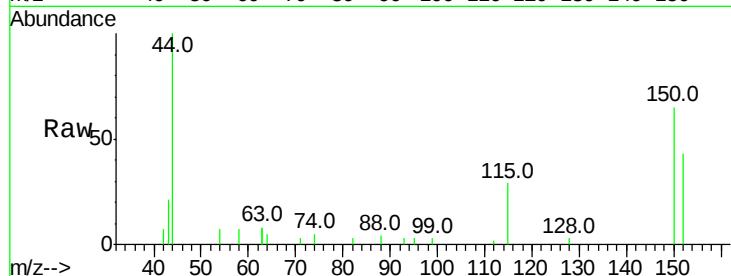
Tot Ion:152 Resp: 1319

Ion Ratio Lower Upper

152 100

150 151.5 117.2 175.8

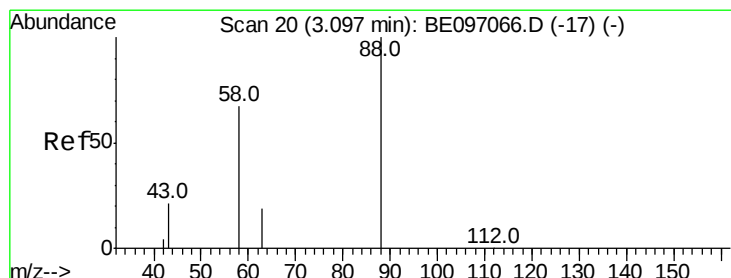
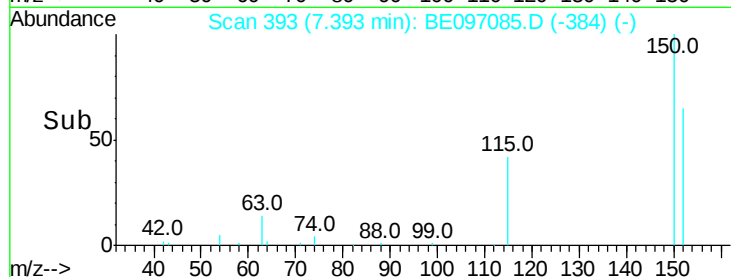
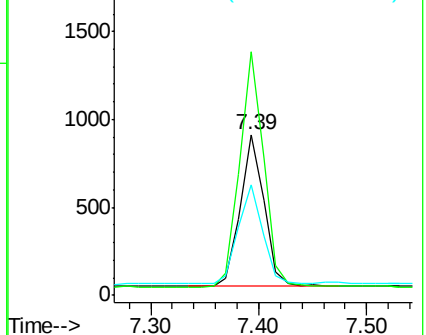
115 69.0 57.0 85.6



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: 3.961 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

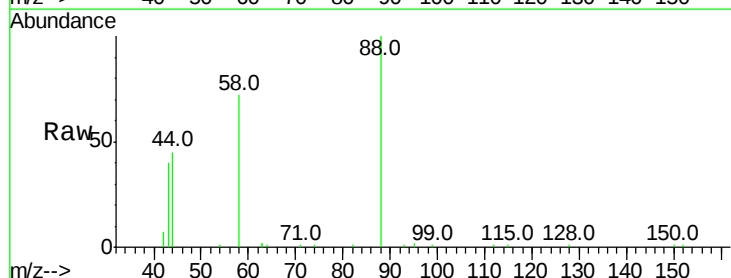
Tgt Ion: 88 Resp: 8303

Ion Ratio Lower Upper

88 100

58 83.6 63.2 94.8

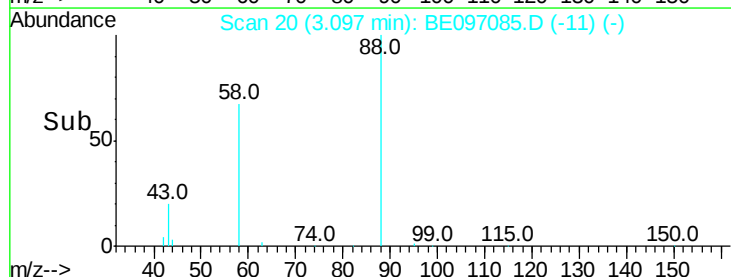
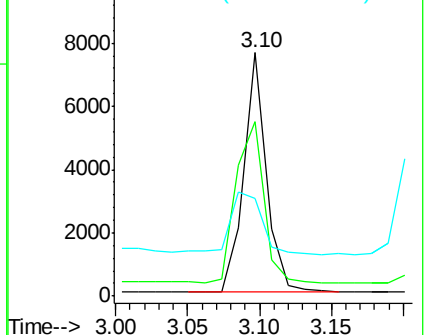
43 34.9 41.2 61.8#



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: 0.017 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.05 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

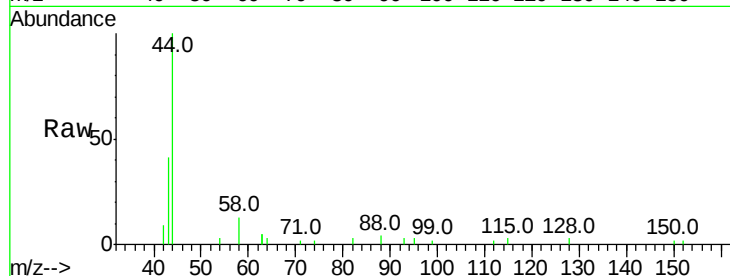
Tot Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

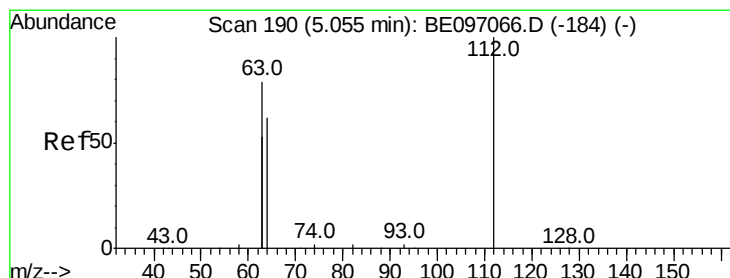
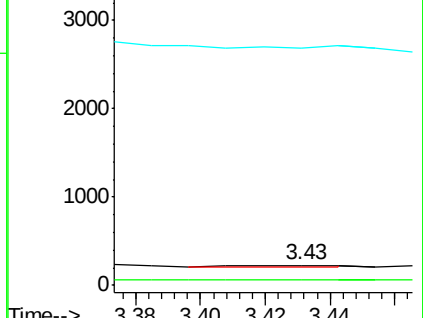
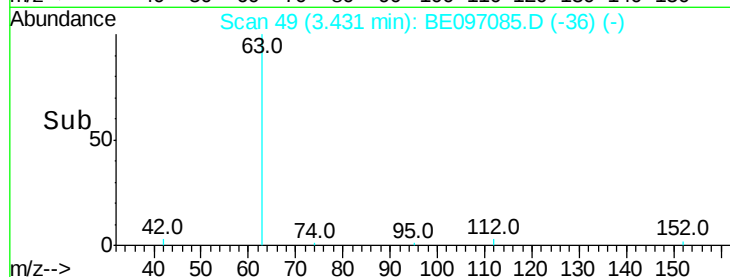
44 0.0 12.0 18.0#



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: 0.224 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

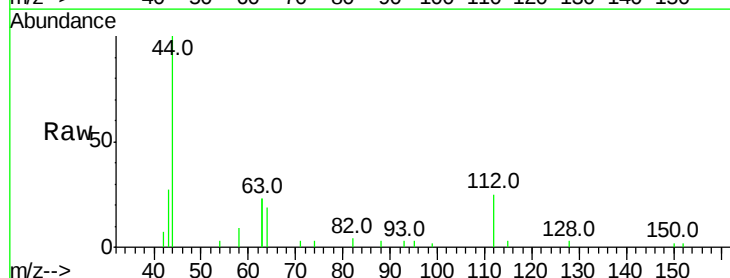
Tgt Ion: 112 Resp: 829

Ion Ratio Lower Upper

112 100

64 65.5 60.1 90.1

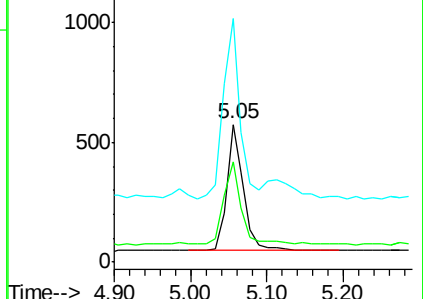
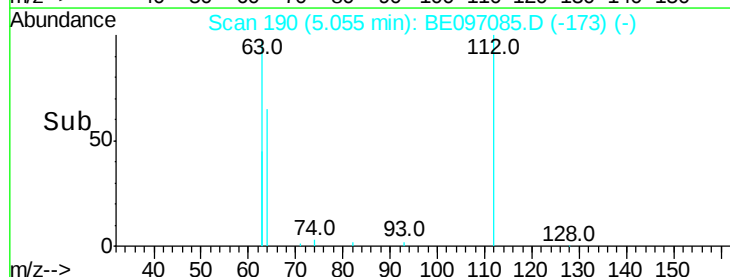
63 139.2 116.8 175.2

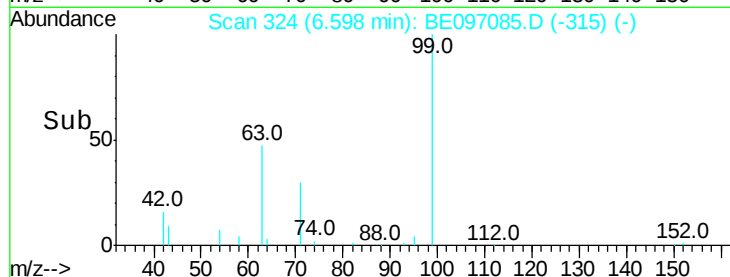
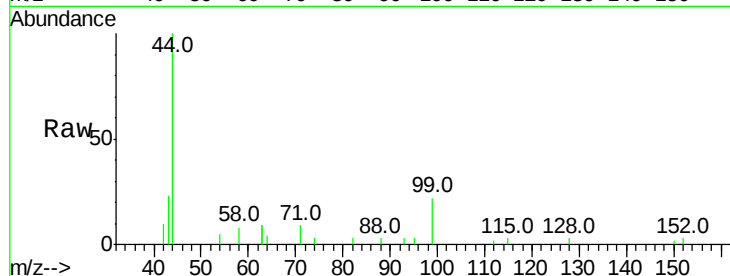
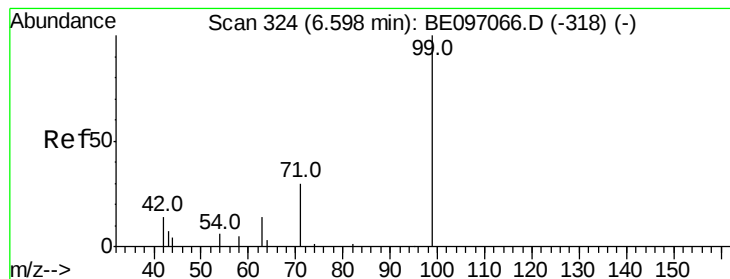


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.131 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

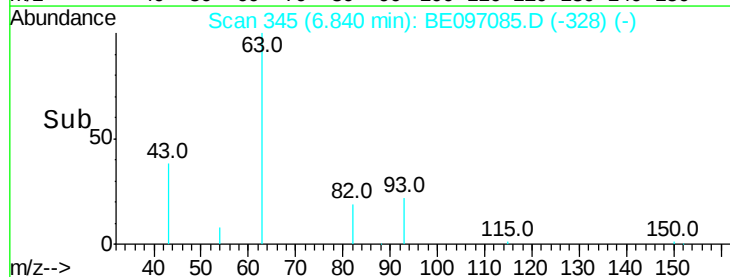
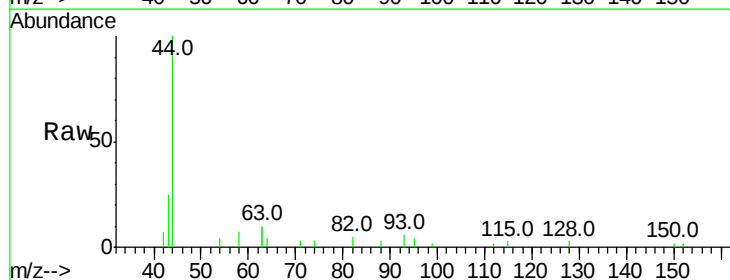
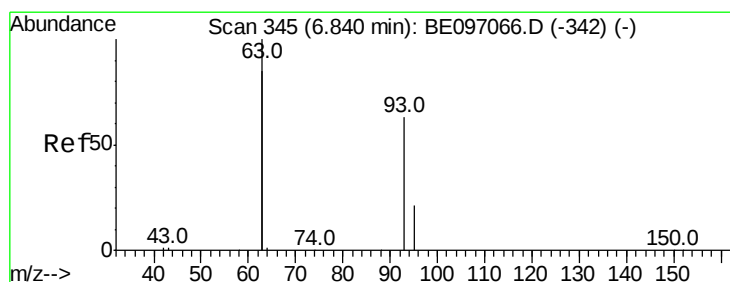
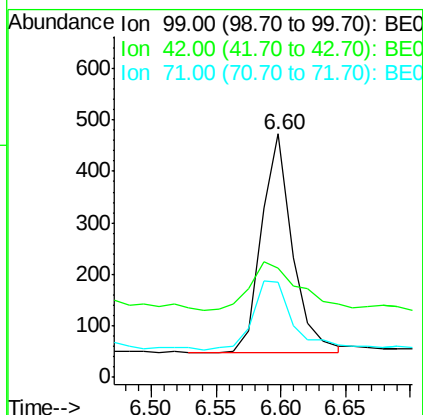
Tot Ion: 99 Resp: 710

Ion Ratio Lower Upper

99 100

42 33.8 20.2 30.2#

71 40.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.017 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

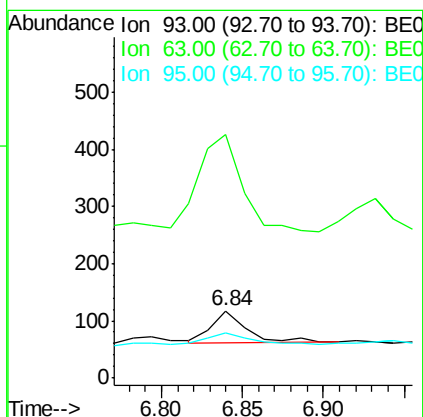
Tgt Ion: 93 Resp: 84

Ion Ratio Lower Upper

93 100

63 379.8 275.3 412.9

95 51.2 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6170

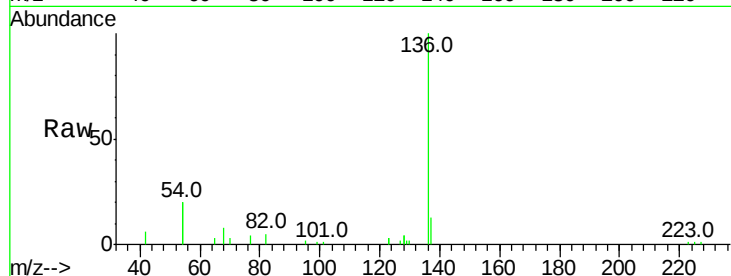
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 40.9 29.1 43.7

68 8.3 6.2 9.2

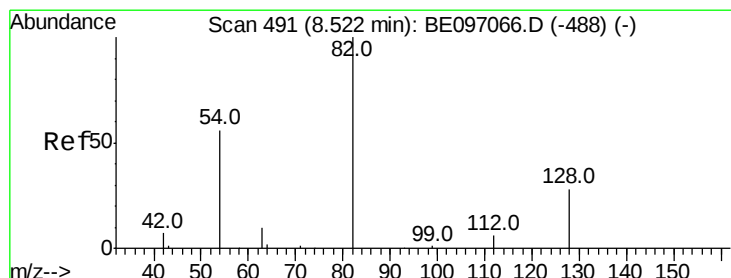
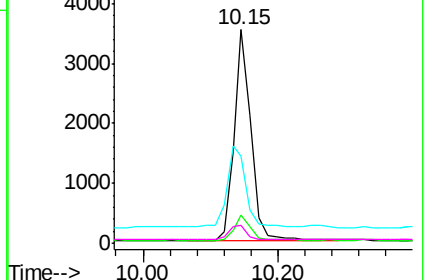
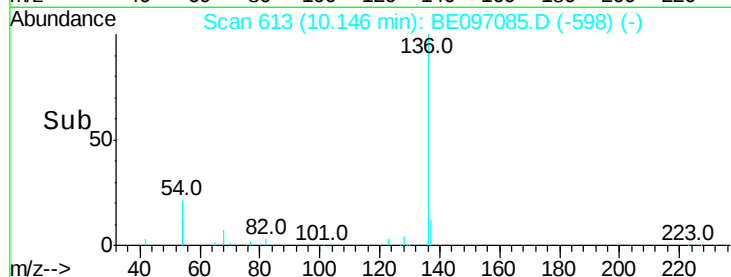


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.534 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

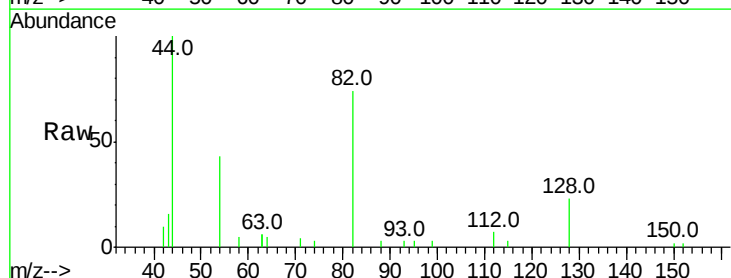
Tgt Ion: 82 Resp: 2862

Ion Ratio Lower Upper

82 100

128 31.3 24.0 36.0

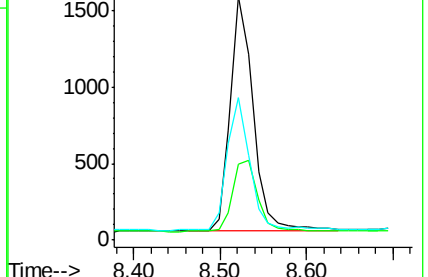
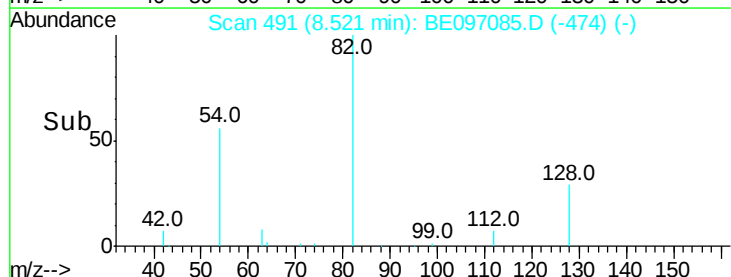
54 58.4 40.0 60.0



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: 0.038 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

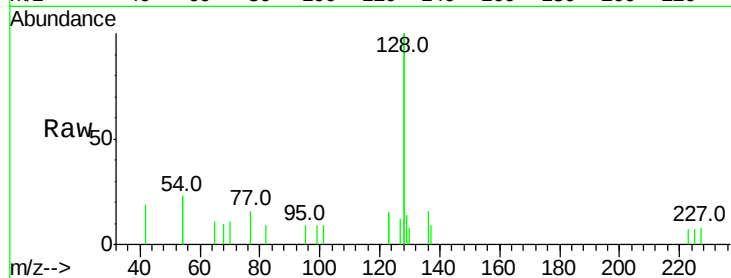
Tot Ion:128 Resp: 2123

Ion Ratio Lower Upper

128 100

129 6.8 2.6 3.8#

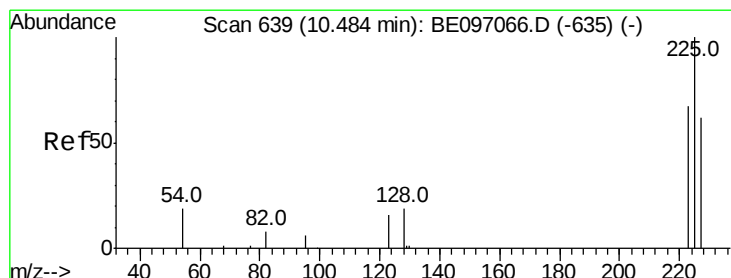
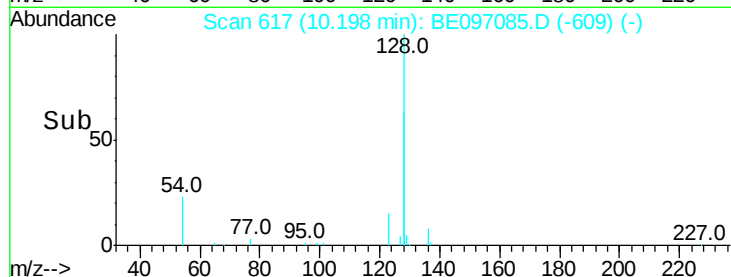
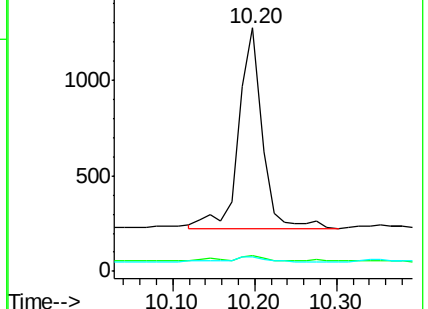
127 6.2 2.8 4.2#



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: 0.001 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

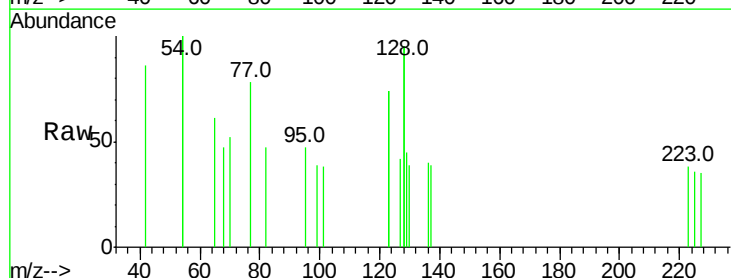
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 200.0 53.0 79.6#

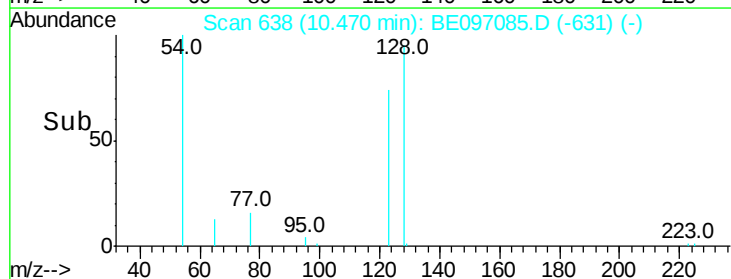
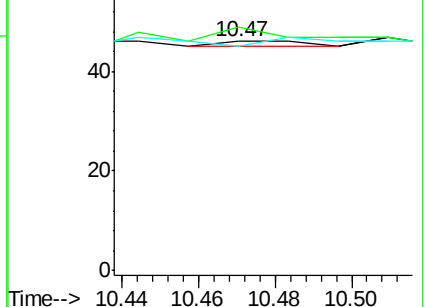
227 200.0 51.4 77.2#



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: 0.492 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

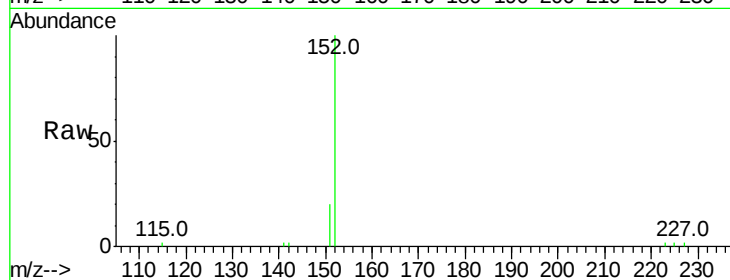
ClientSampleId :

Tot Ion:152 Resp: 4547

Ion Ratio Lower Upper

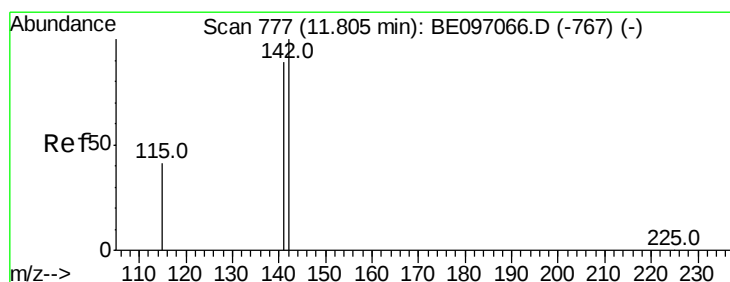
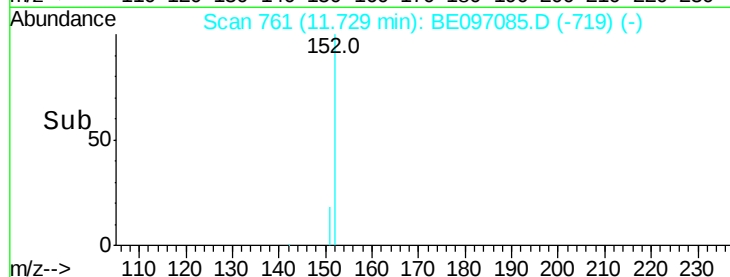
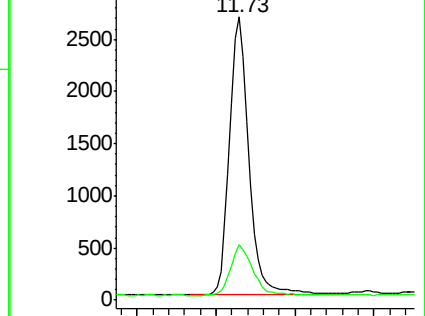
152 100

151 20.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

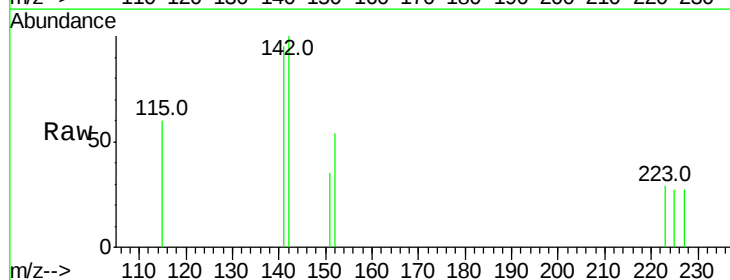
Tgt Ion:142 Resp: 212

Ion Ratio Lower Upper

142 100

141 95.3 70.4 105.6

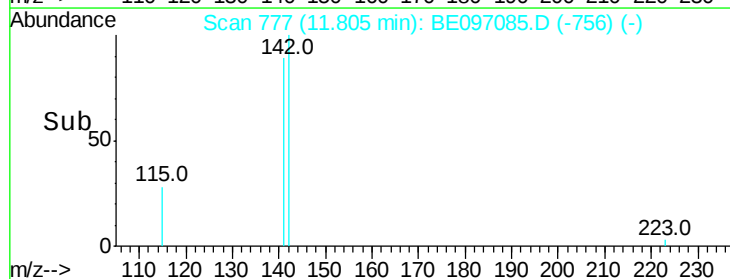
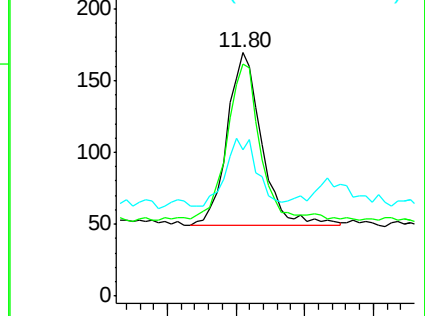
115 60.4 31.7 47.5#

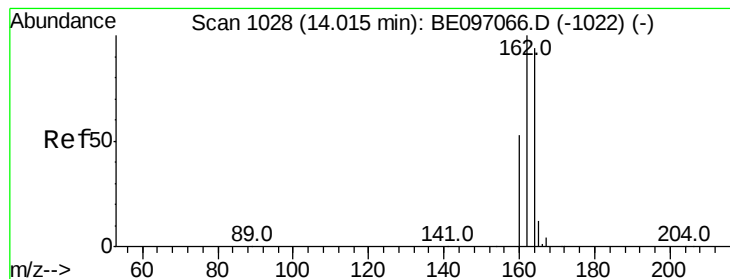


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

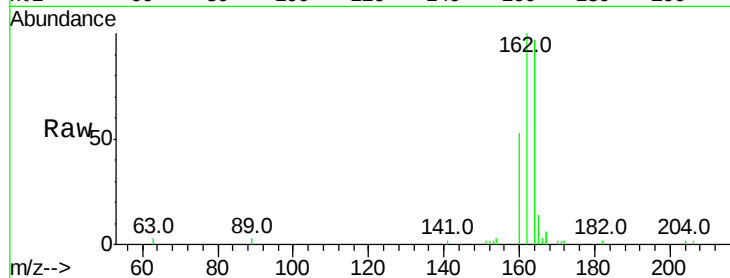
Tot Ion:164 Resp: 3786

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

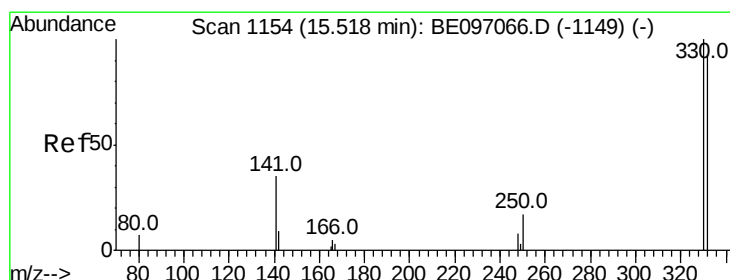
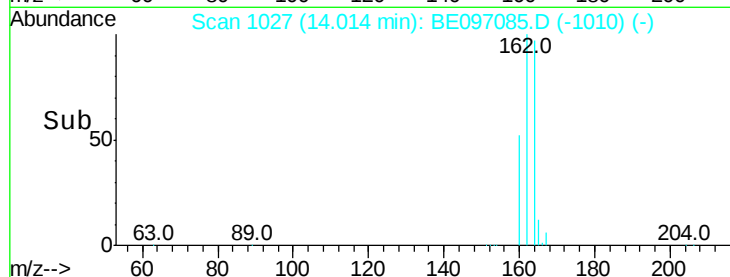
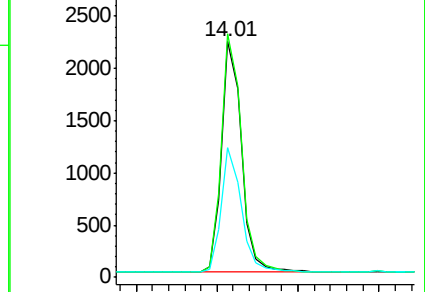
160 55.3 37.1 55.7



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: 0.526 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

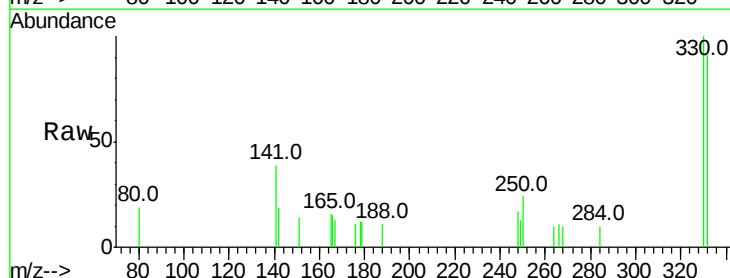
Tgt Ion:330 Resp: 656

Ion Ratio Lower Upper

330 100

332 94.1 152.7 229.1#

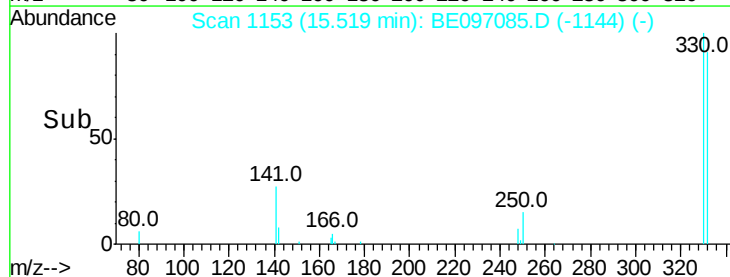
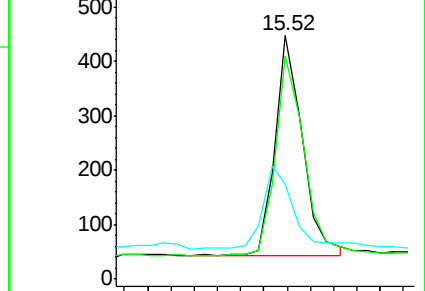
141 40.5 33.7 50.5

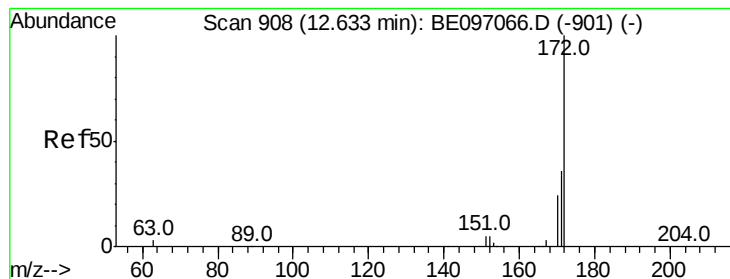


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.619 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

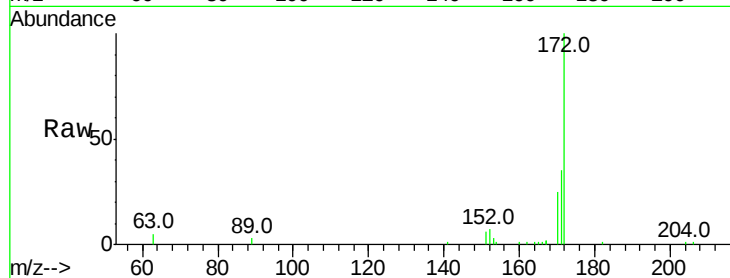
Tot Ion:172 Resp: 8095

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

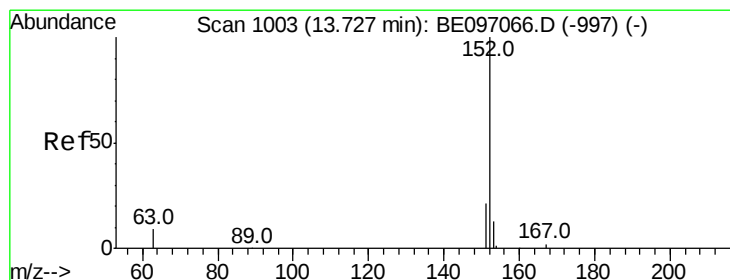
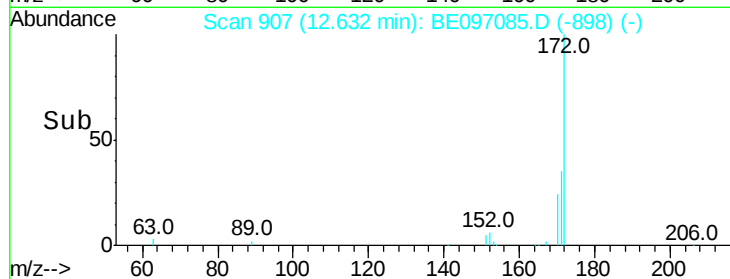
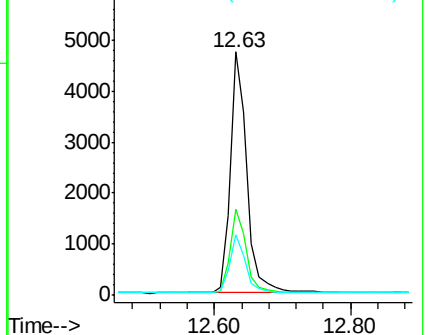
170 24.6 21.8 32.8



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: 0.002 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

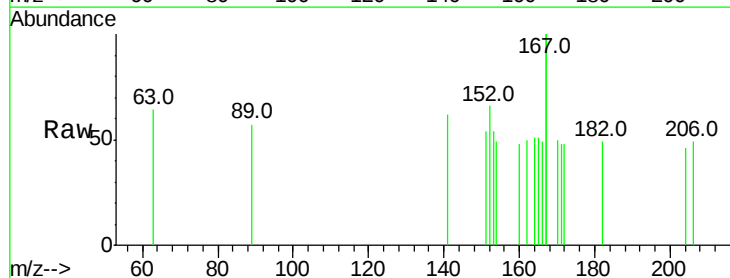
Tgt Ion:152 Resp: 29

Ion Ratio Lower Upper

152 100

151 27.6 15.7 23.5#

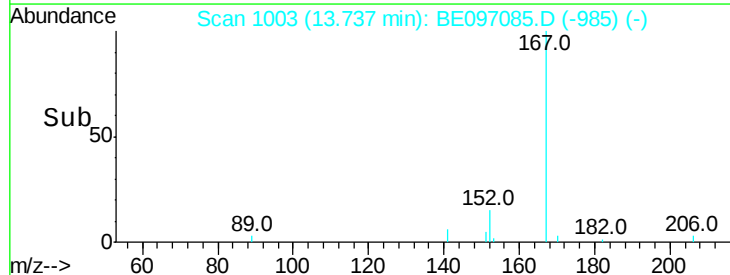
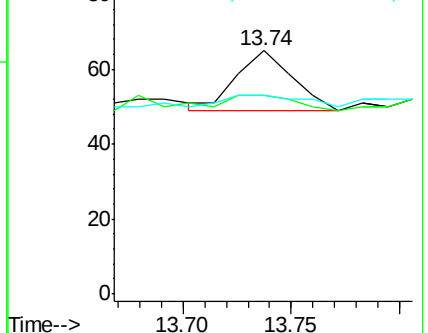
153 51.7 10.5 15.7#



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: 0.003 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

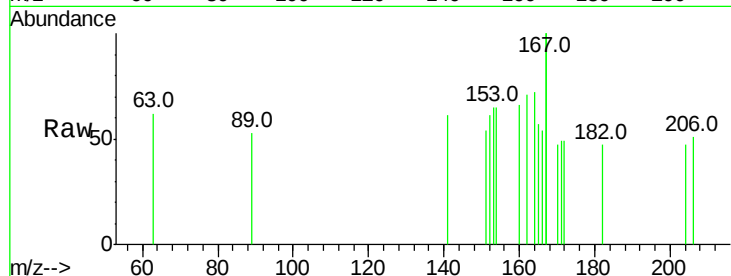
Tot Ion:154 Resp: 32

Ion Ratio Lower Upper

154 100

153 90.6 89.2 133.8

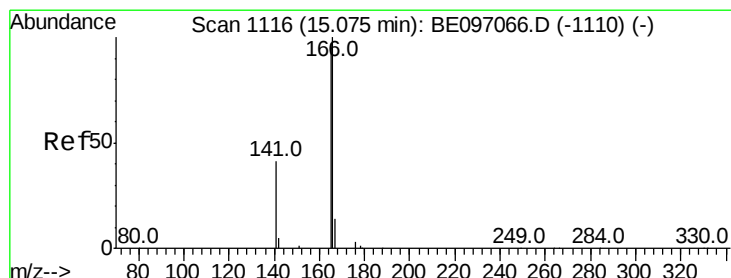
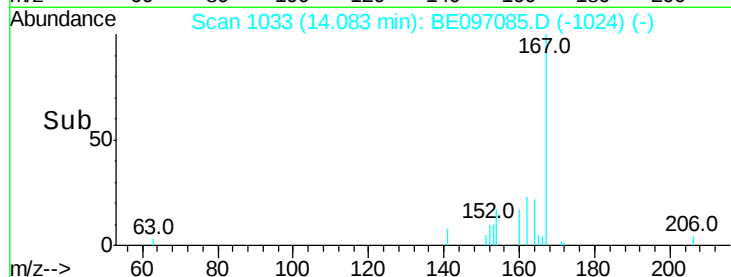
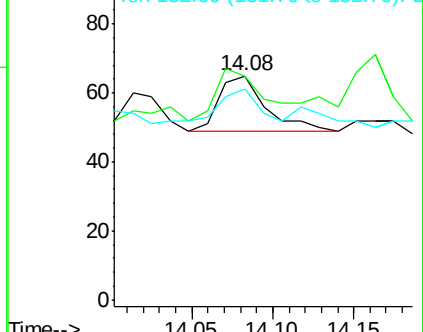
152 40.6 42.0 63.0#



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: 0.007 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

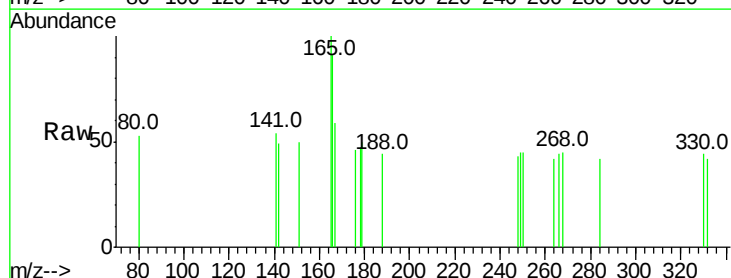
Tgt Ion:166 Resp: 95

Ion Ratio Lower Upper

166 100

165 128.4 77.8 116.6#

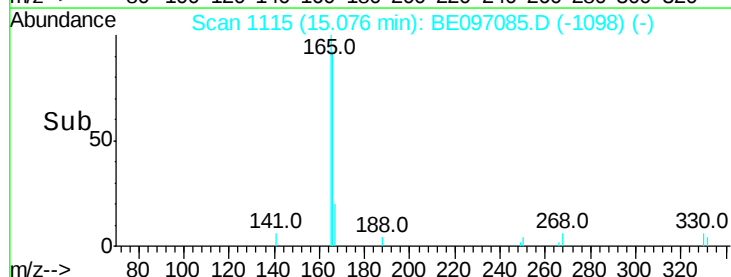
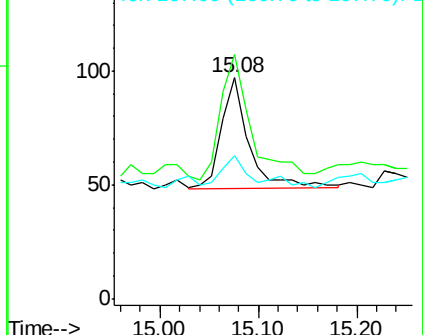
167 21.1 42.4 63.6#



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: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampled :

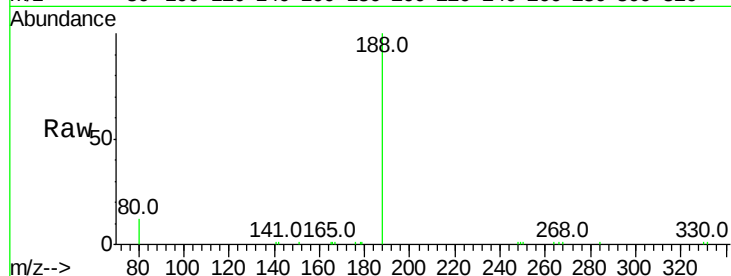
Tot Ion:188 Resp: 11424

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.7 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

10000

8000

6000

4000

2000

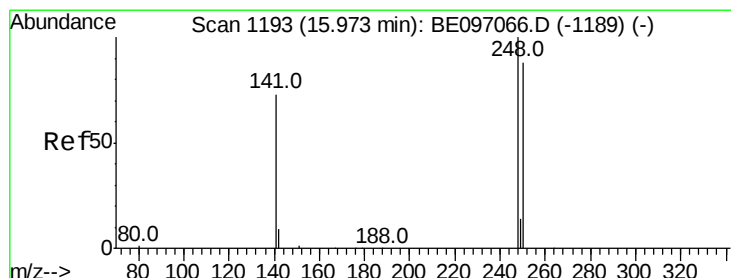
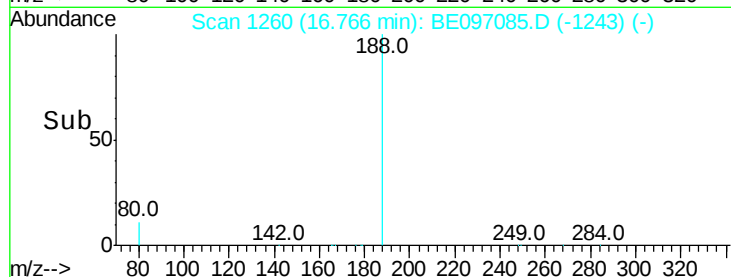
0

16.77

16.70

16.80

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

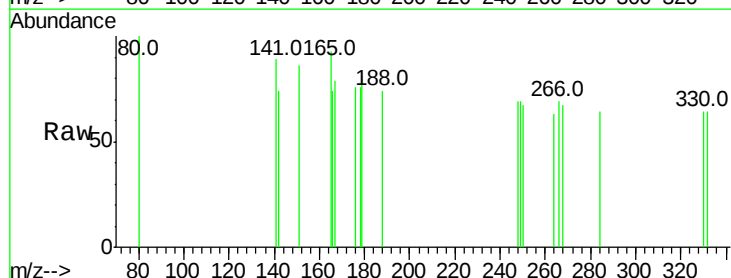
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 97.9 62.7 94.1#

141 129.2 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

80

60

40

20

0

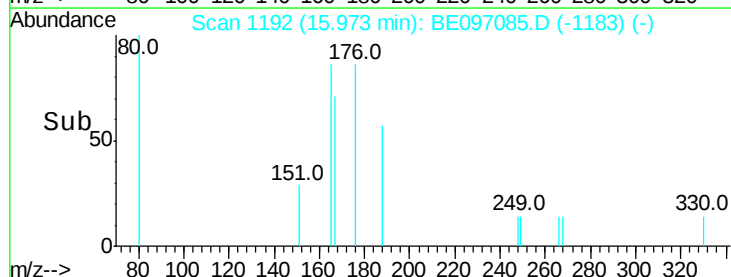
15.97

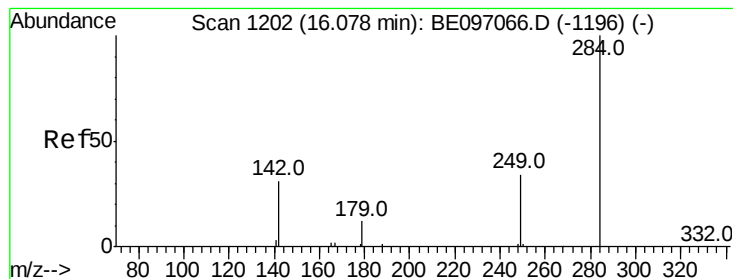
15.90

15.95

16.00

Time-->





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

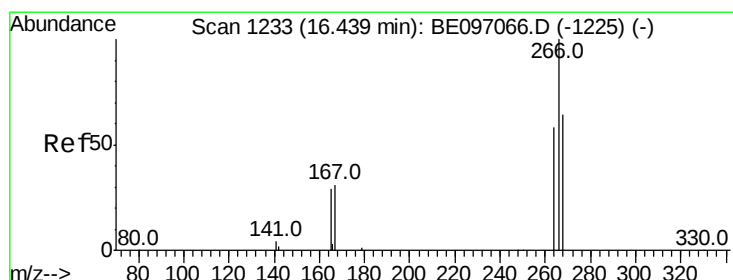
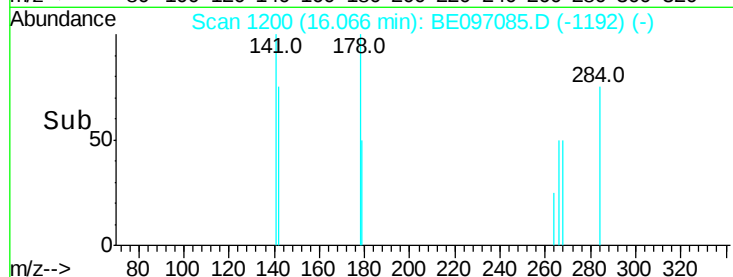
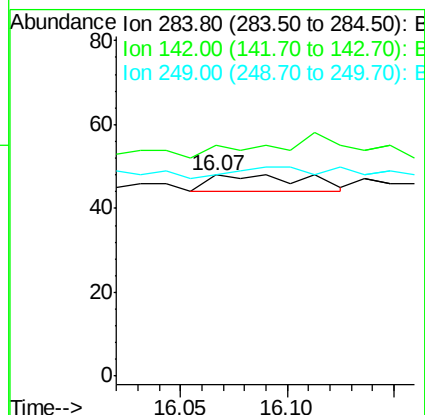
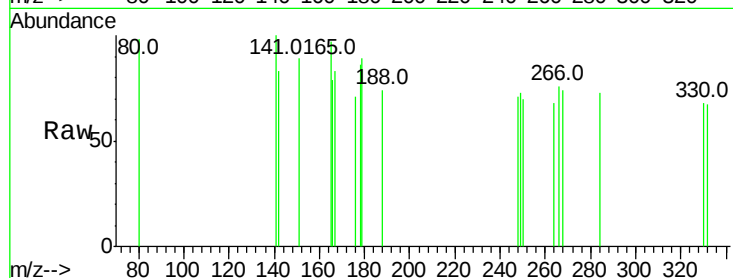
Tot Ion:284 Resp: 13

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

249 0.0 34.8 52.2#



#22

Pentachlorophenol

Concen: 0.039 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

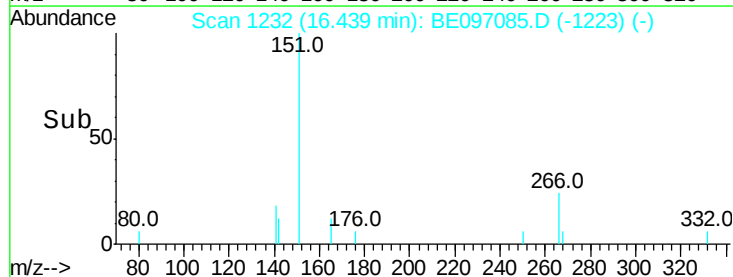
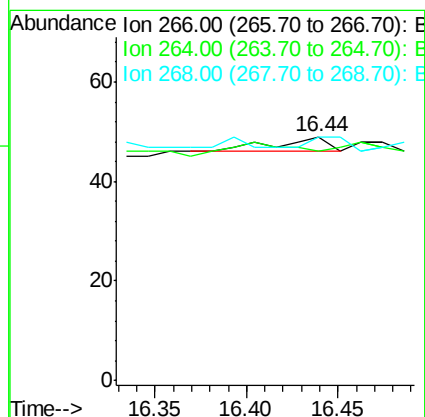
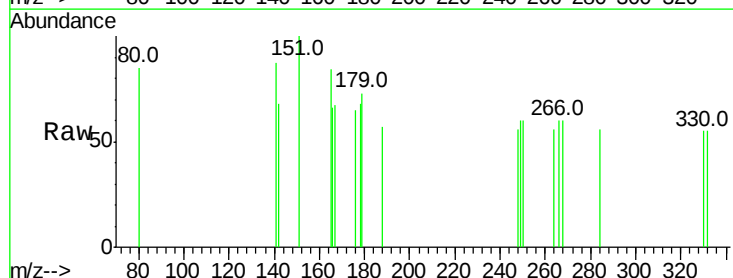
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.9 72.5 108.7

268 100.0 73.8 110.6





#23

Phenanthrene

Concen: 0.011 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampled :

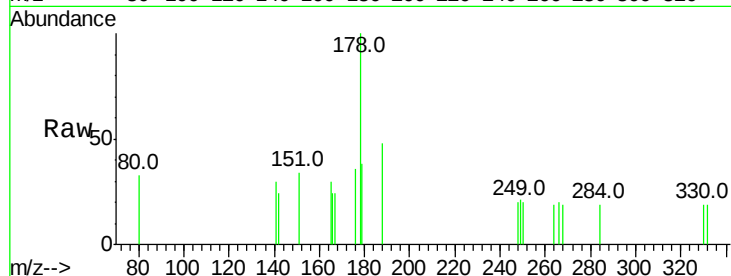
Tot Ion:178 Resp: 303

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

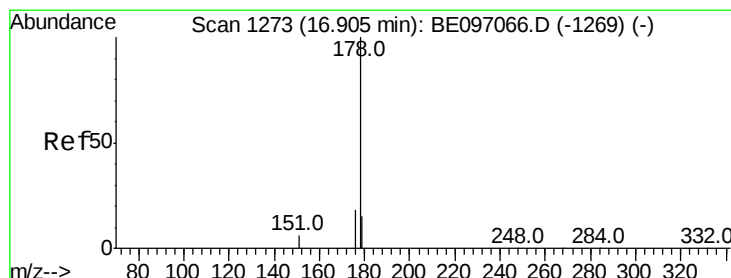
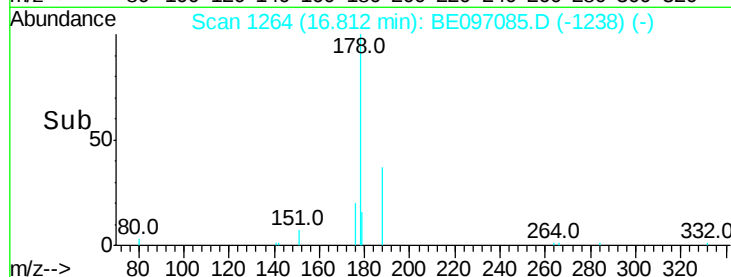
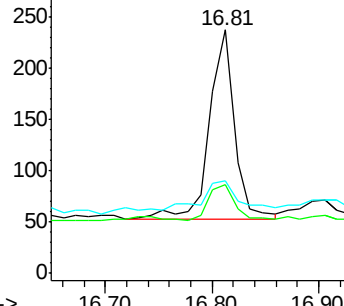
179 23.8 11.8 17.6#



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: 0.001 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

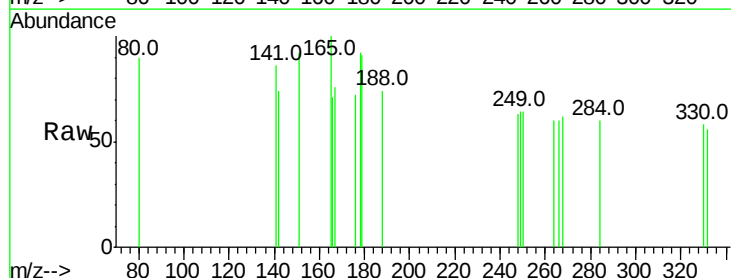
Tgt Ion:178 Resp: 27

Ion Ratio Lower Upper

178 100

176 37.0 12.8 19.2#

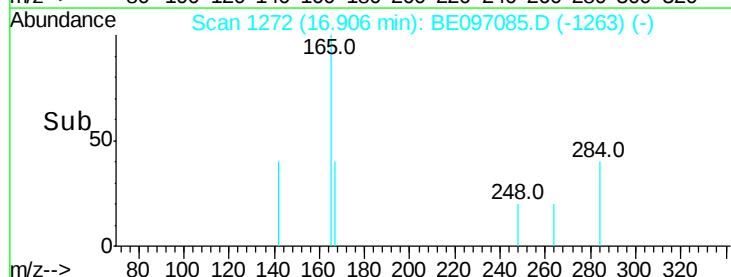
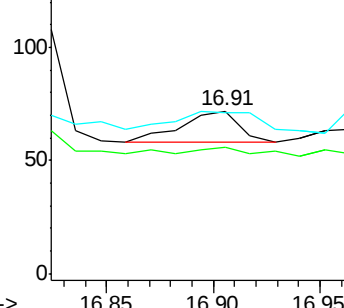
179 103.7 13.0 19.6#

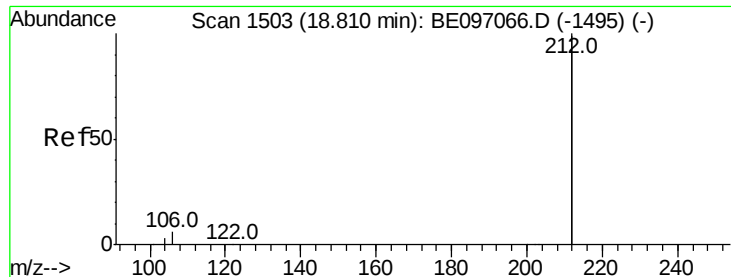


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.575 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

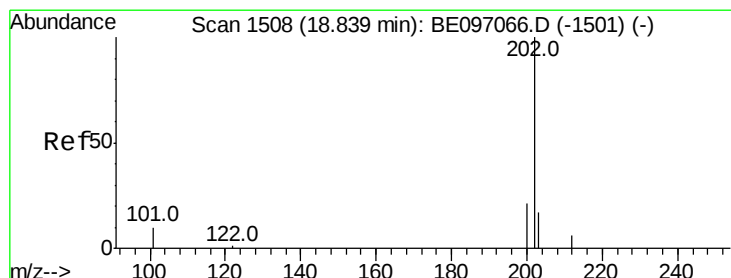
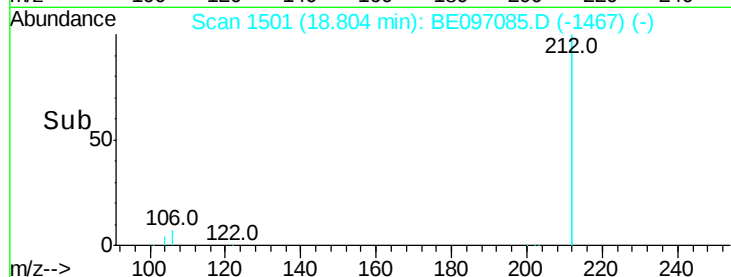
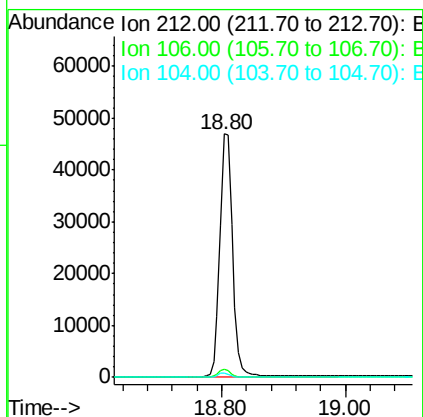
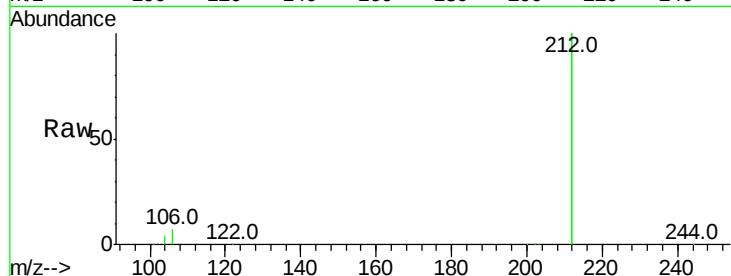
Instrument :

BNA_E

ClientSampleId :

Tot Ion:212 Resp: 65747

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4



#26

Fluoranthene

Concen: 0.003 ng

RT: 18.84 min Scan# 1507

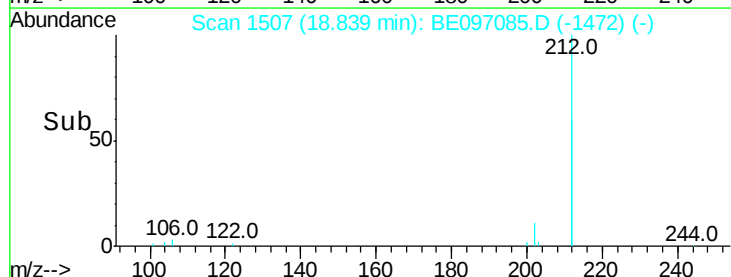
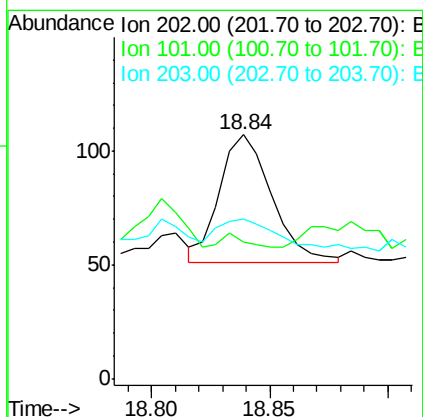
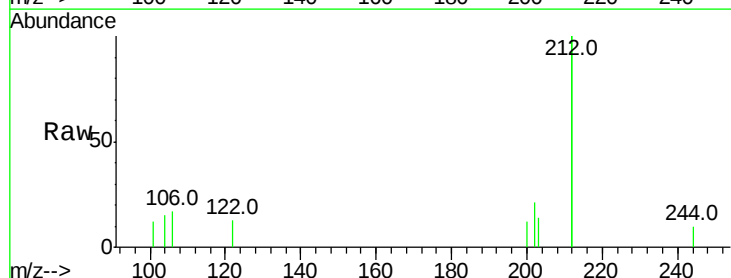
Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Tgt Ion:202 Resp: 87

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	25.3	13.7	20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

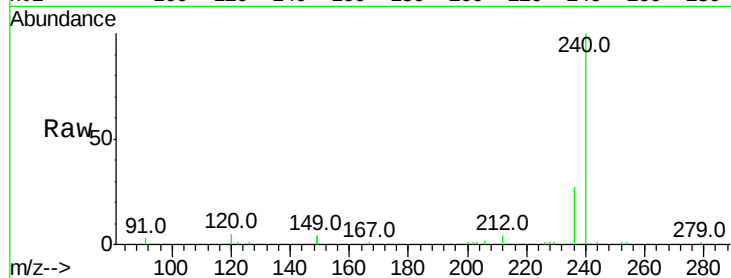
Tot Ion:240 Resp: 11037

Ion Ratio Lower Upper

240 100

120 4.8 5.5 8.3#

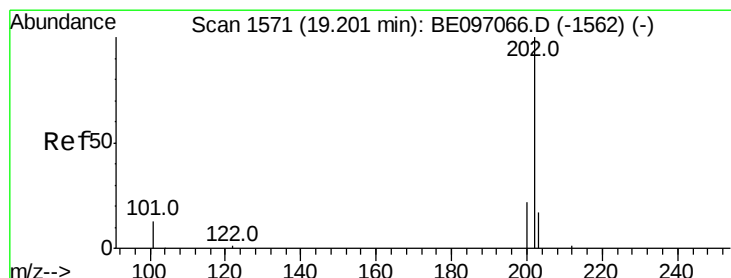
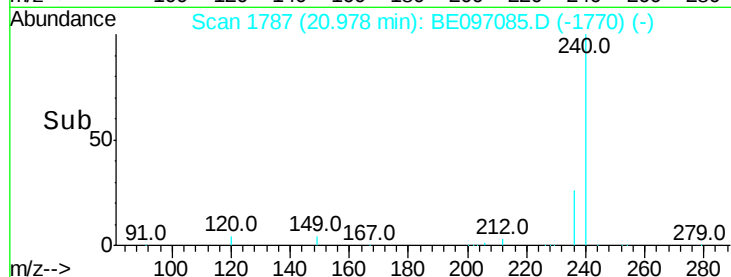
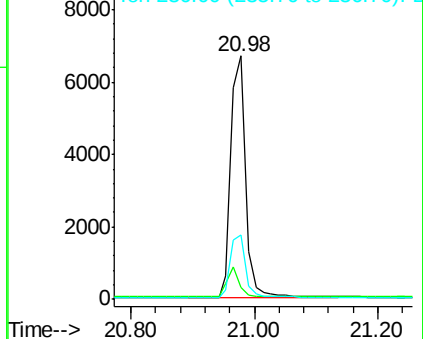
236 26.5 20.7 31.1



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: 0.002 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

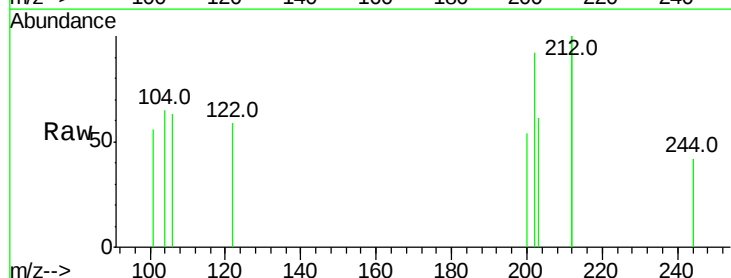
Tgt Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

200 23.9 16.6 25.0

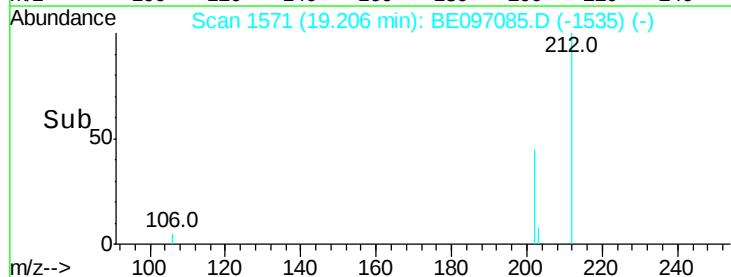
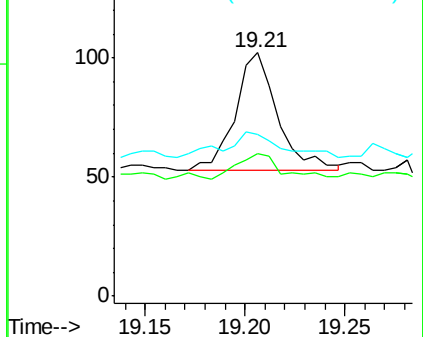
203 31.0 13.8 20.8#



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: 0.643 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampled :

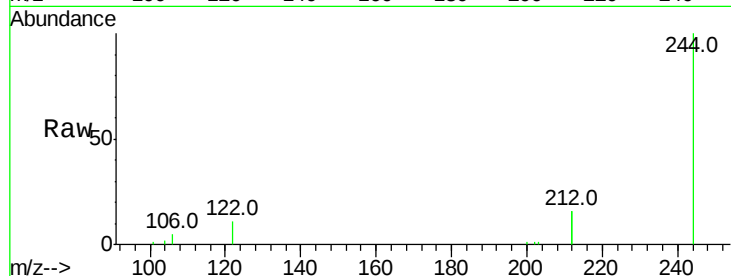
Tot Ion:244 Resp: 13632

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

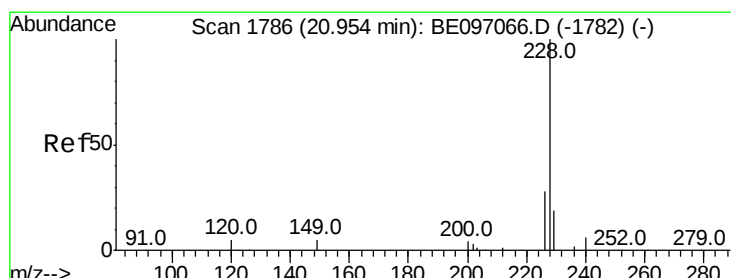
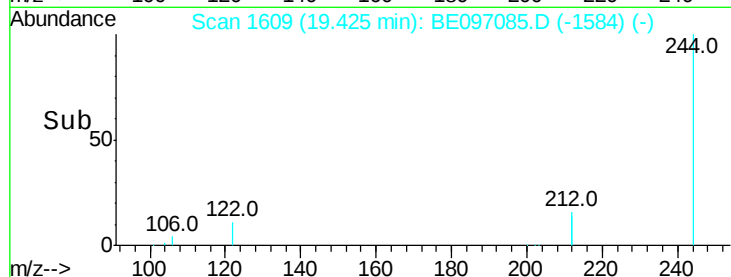
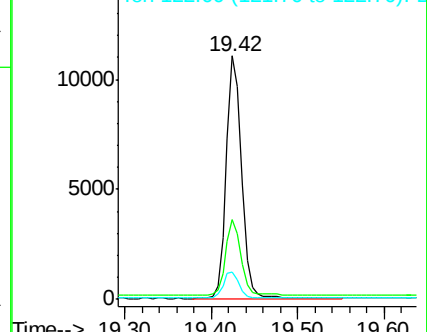
122 11.4 8.1 12.1



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: 0.003 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

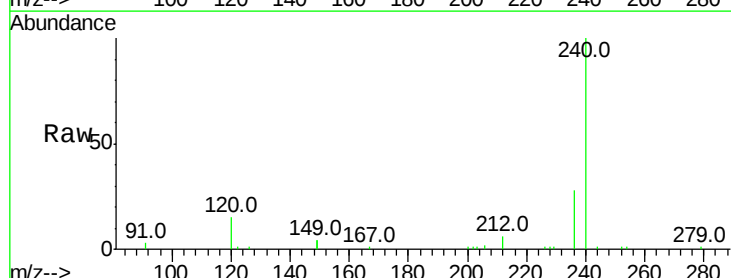
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 69.5 24.0 36.0#

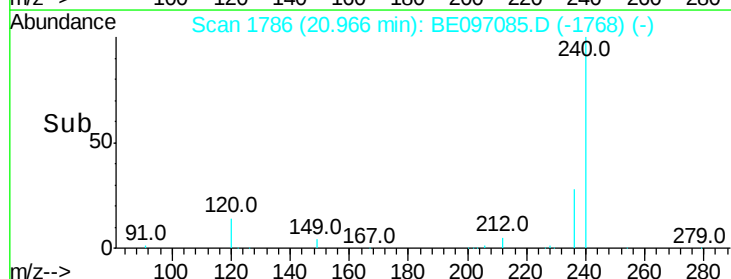
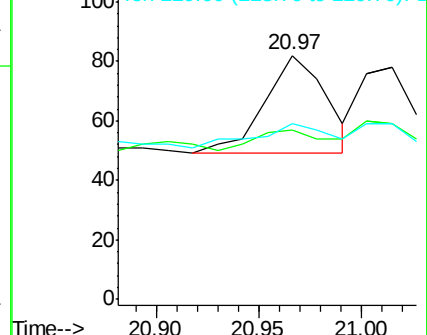
229 72.0 16.0 24.0#



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: 0.002 ng

RT: 21.01 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

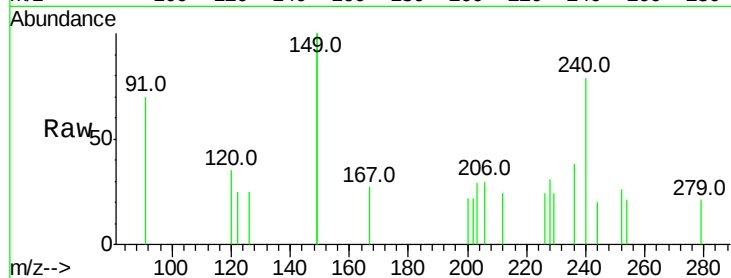
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 75.6 24.0 36.0#

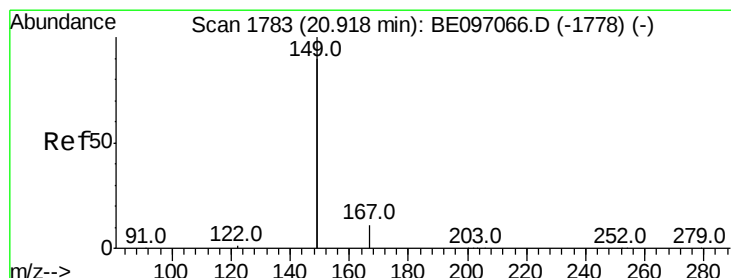
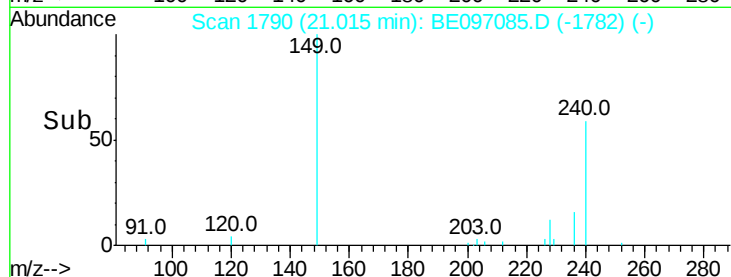
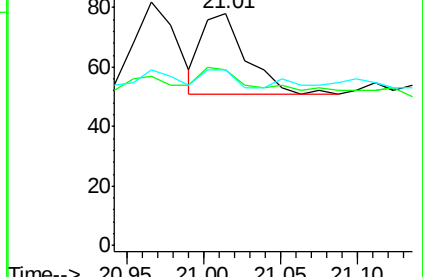
229 75.6 16.0 24.0#



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: 0.096 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

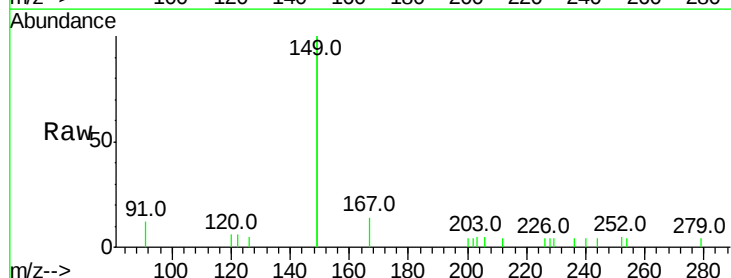
Tgt Ion:149 Resp: 2930

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

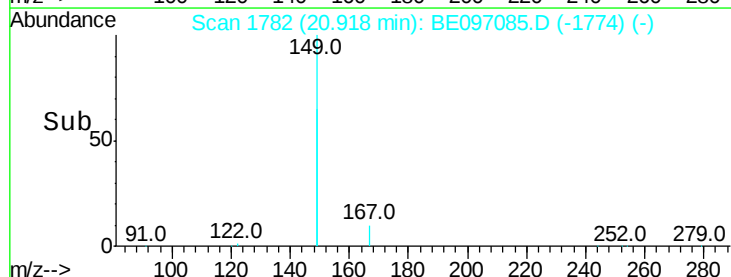
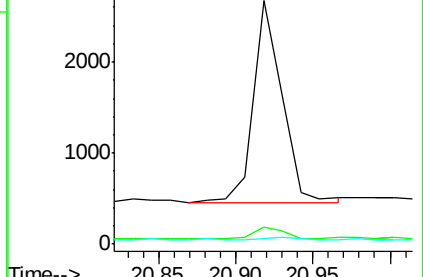
279 1.4 0.7 1.1#

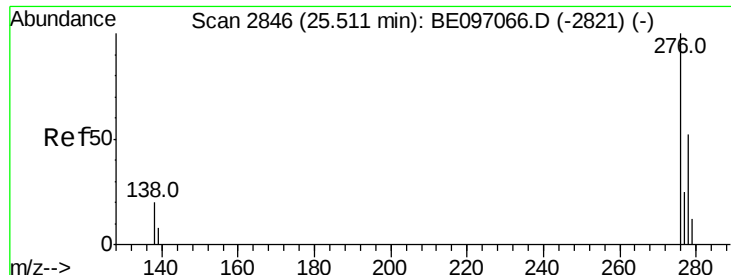


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.00 min

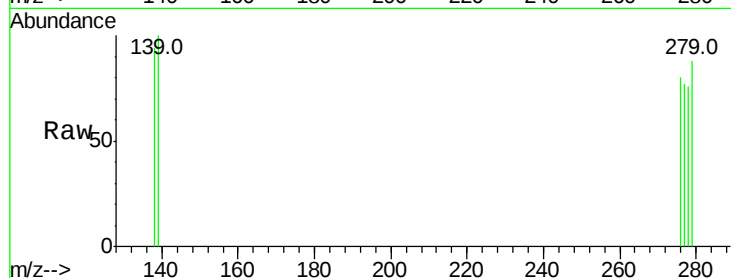
Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

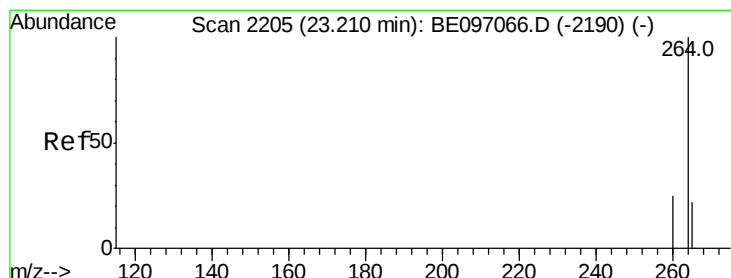
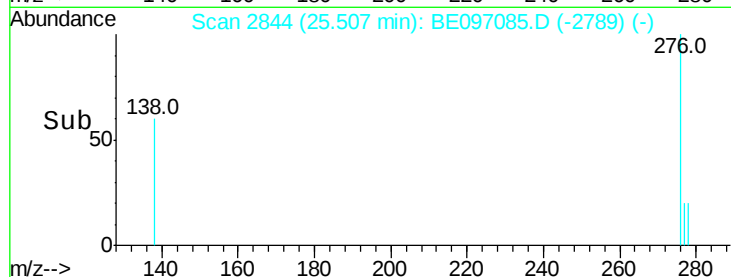
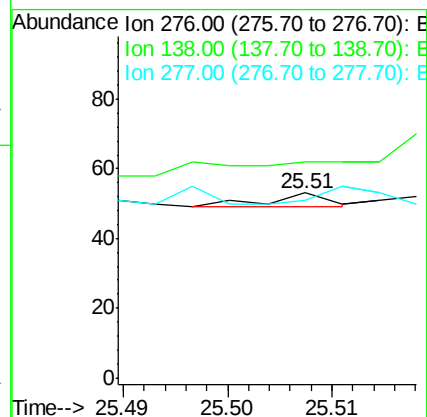
Instrument :

BNA_E

ClientSampleId :



Tot Ion:276	Resp:	2
Ion	Ratio	Lower Upper
276	100	
138	0.0	22.5 33.7#
277	100.0	19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

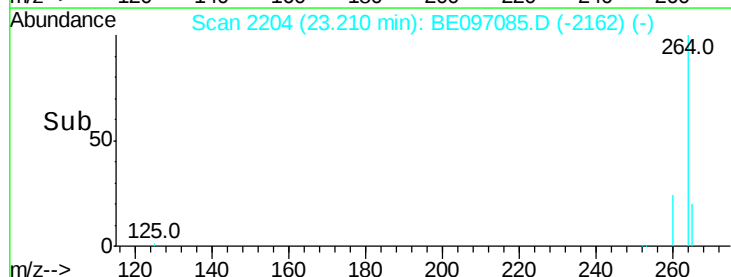
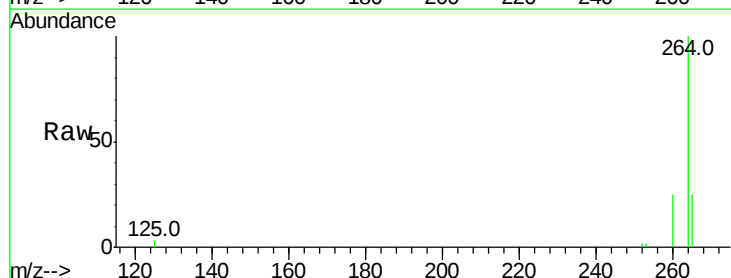
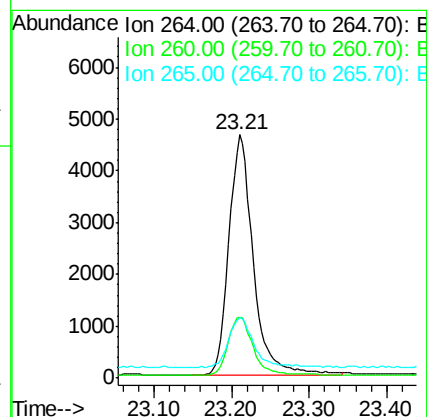
RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Tgt Ion:264	Resp:	10243
Ion	Ratio	Lower Upper
264	100	
260	25.1	20.5 30.7
265	24.7	22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :

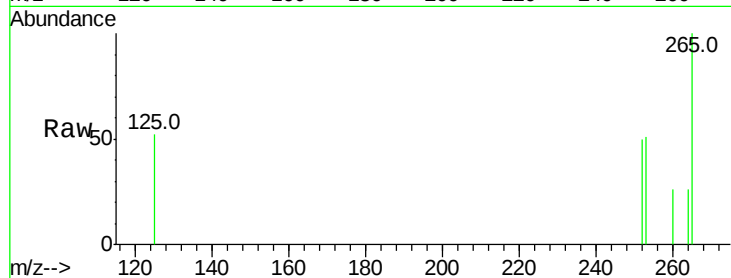
Tot Ion:252 Resp: 52

Ion Ratio Lower Upper

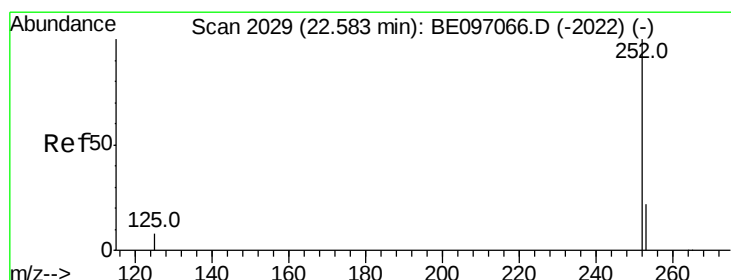
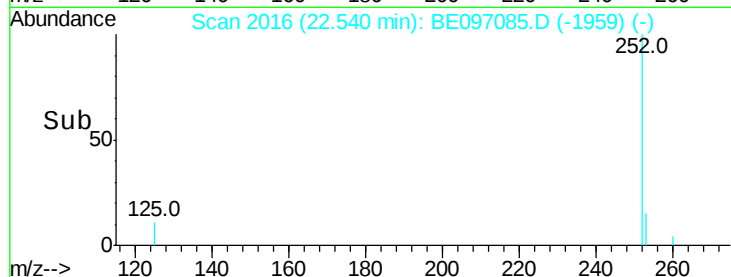
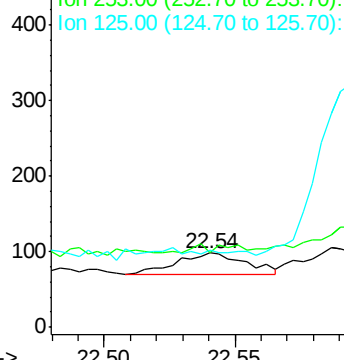
252 100

253 101.0 20.0 30.0#

125 104.1 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 22.59 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

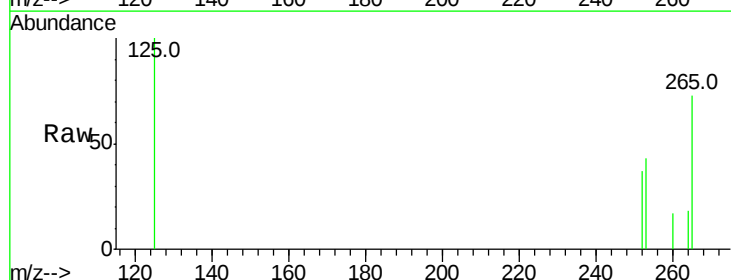
Tgt Ion:252 Resp: 46

Ion Ratio Lower Upper

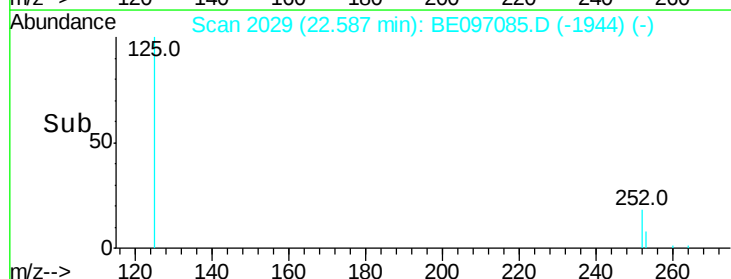
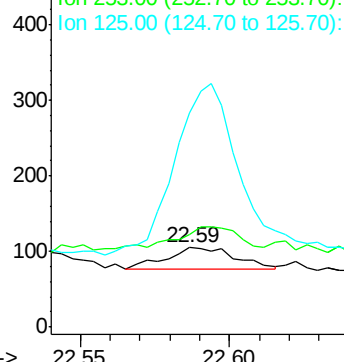
252 100

253 116.2 16.0 24.0#

125 269.5 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampled :

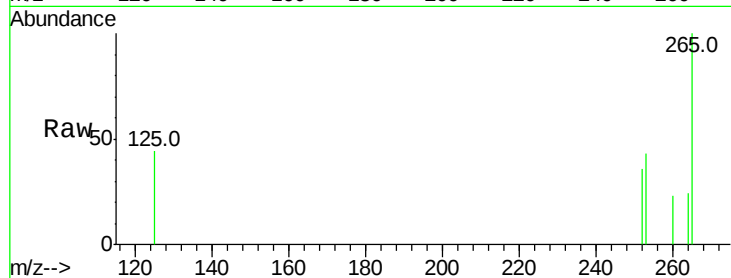
Tot Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 118.3 16.0 24.0#

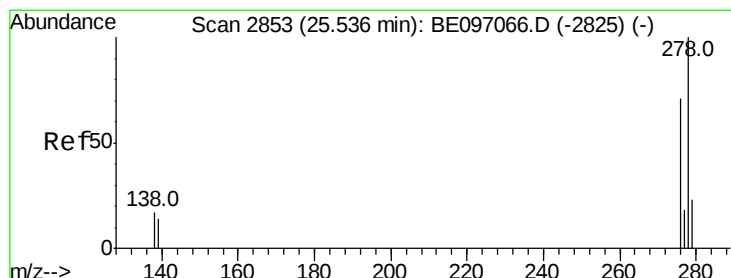
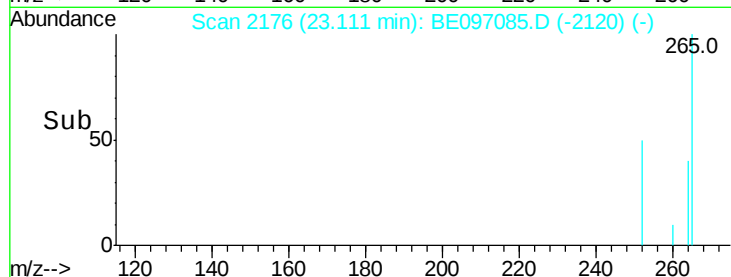
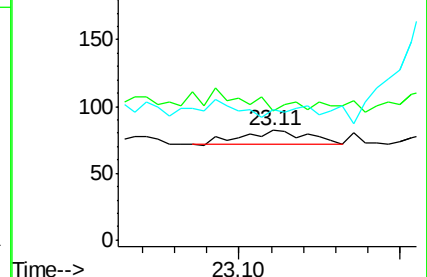
125 119.5 12.0 18.0#



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: 0.000 ng

RT: 25.55 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

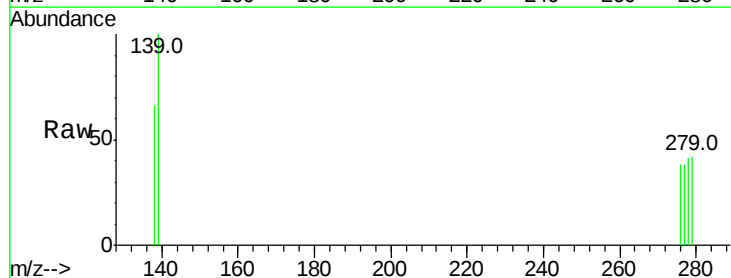
Tgt Ion:278 Resp: 10

Ion Ratio Lower Upper

278 100

139 241.4 16.0 24.0#

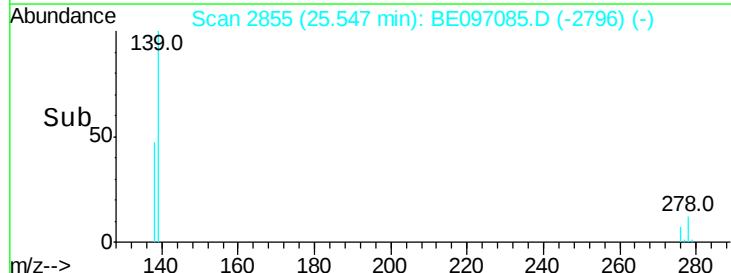
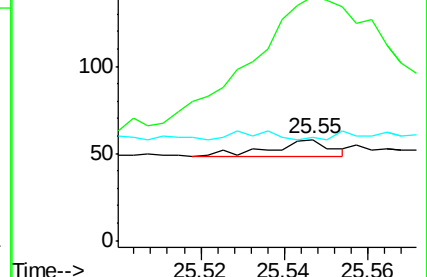
279 101.7 20.0 30.0#



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: 0.000 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.00 min

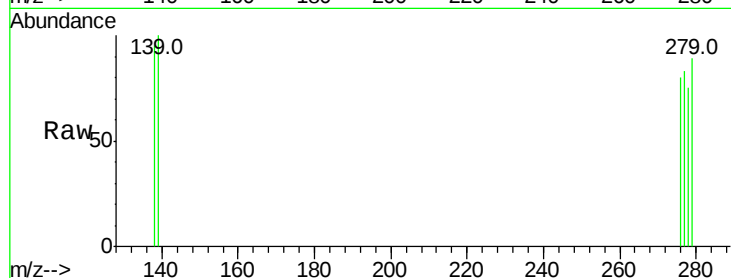
Lab File: BE097085.D

Acq: 24 Jul 2018 23:29

Instrument :

BNA_E

ClientSampleId :



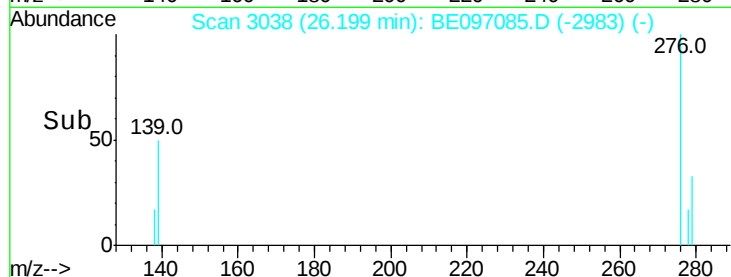
Tot Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 103.8 16.0 24.0#

138 119.2 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

