

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
 Data File : BE097104.D
 Acq On : 26 Jul 2018 15:58
 Operator : SJ/JU
 Sample : J3762-03
 Misc : MDL 0.1PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 27 03:29:44 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	1174	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5733	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3410	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	9505	0.40	ng	0.01
27) Chrysene-d12	20.98	240	7012	0.40	ng	0.00
34) Perylene-d12	23.22	264	5402	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1066	0.32	ng	0.00
5) Phenol-d6	6.60	99	1432	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	1746	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3184	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	271	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4694	0.40	ng	0.00
25) Fluoranthene-d10	18.82	212	35018	0.37	ng	0.00
29) Terphenyl-d14	19.43	244	5416	0.40	ng	0.00

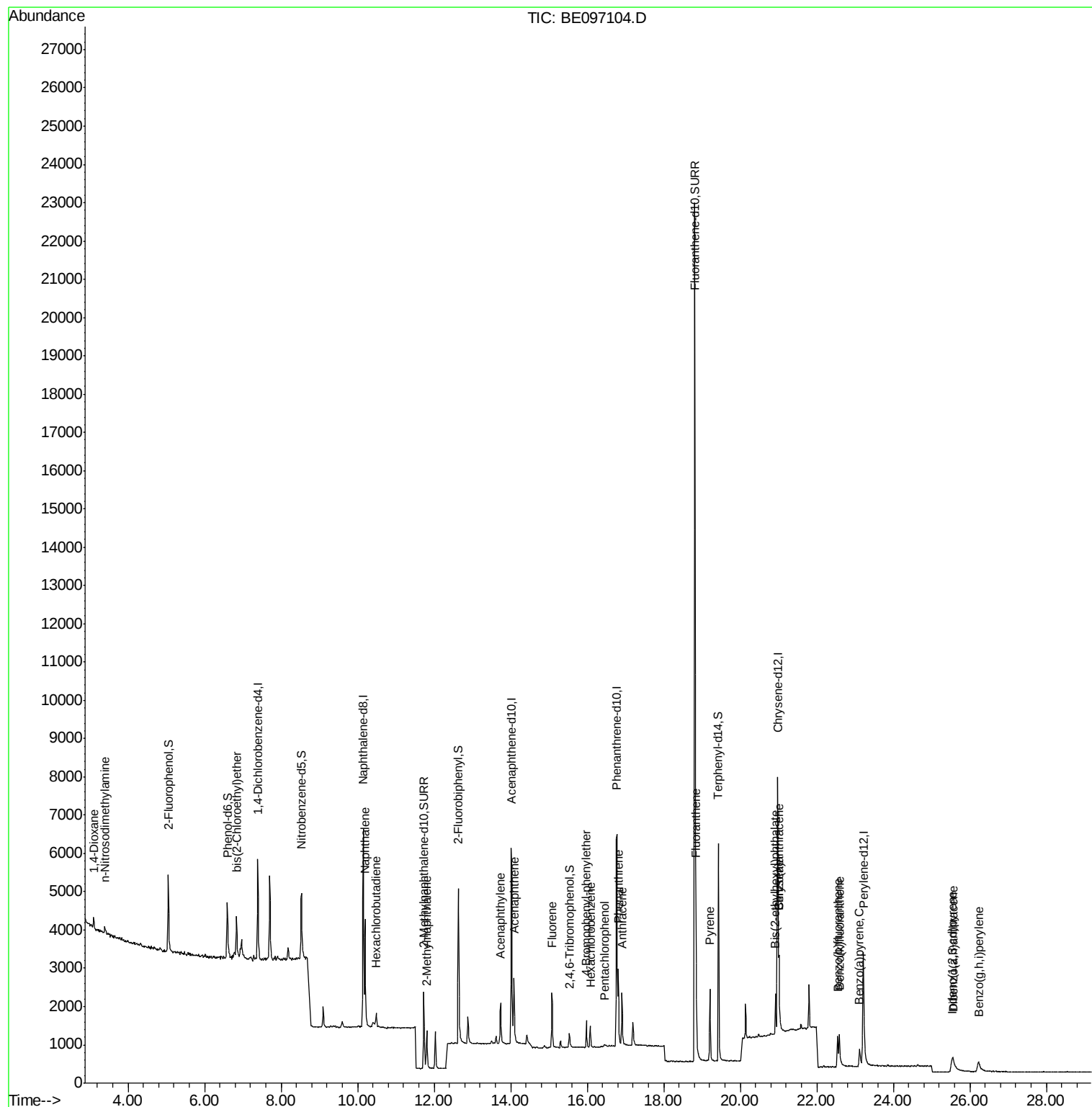
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	220	0.118	ng	# 82
3) n-Nitrosodimethylamine	3.39	42	196	0.094	ng	# 76
6) bis(2-Chloroethyl)ether	6.84	93	469	0.106	ng	# 72
9) Naphthalene	10.20	128	4870	0.095	ng	# 97
10) Hexachlorobutadiene	10.48	225	239	0.104	ng	# 90
12) 2-Methylnaphthalene	11.81	142	783	0.089	ng	# 97
16) Acenaphthylene	13.74	152	1415	0.092	ng	# 98
17) Acenaphthene	14.08	154	829	0.093	ng	# 89
18) Fluorene	15.07	166	1024	0.087	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	409	0.089	ng	# 86
21) Hexachlorobenzene	16.09	284	510	0.103	ng	# 83
22) Pentachlorophenol	16.46	266	65	0.090	ng	# 93
23) Phenanthrene	16.81	178	2103	0.093	ng	# 98
24) Anthracene	16.90	178	1573	0.078	ng	# 95
26) Fluoranthene	18.84	202	2118	0.083	ng	# 99
28) Pyrene	19.21	202	1927	0.100	ng	# 99
30) Benzo(a)anthracene	21.02	228	1828	0.105	ng	# 95
31) Chrysene	21.02	228	1795	0.096	ng	# 95
32) Bis(2-ethylhexyl)phthalate	20.92	149	1336	0.065	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.53	276	927	0.055	ng	# 70
35) Benzo(b)fluoranthene	22.54	252	1112	0.081	ng	# 93
36) Benzo(k)fluoranthene	22.59	252	1356	0.085	ng	# 78
37) Benzo(a)pyrene	23.12	252	964	0.075	ng	# 71
38) Dibenzo(a,h)anthracene	25.56	278	677	0.053	ng	# 58
39) Benzo(g,h,i)perylene	26.23	276	991	0.073	ng	# 72

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

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Sample : J3762-03
Misc : MDL 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 26 17:21:52 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



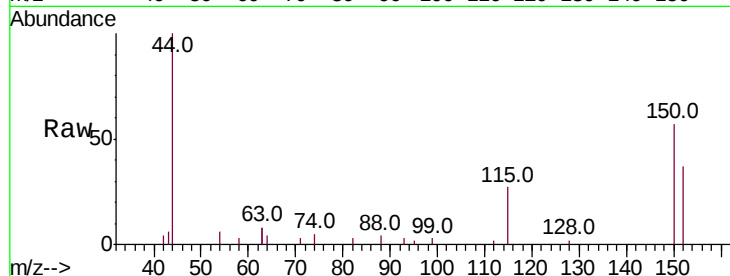


#1

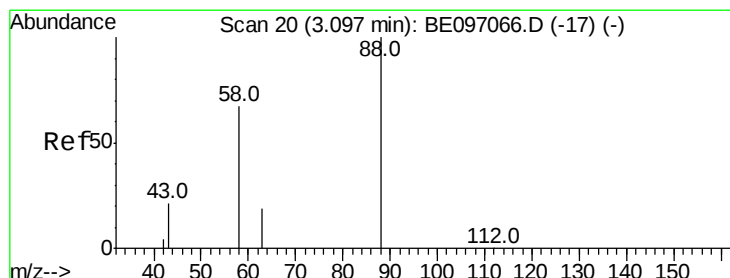
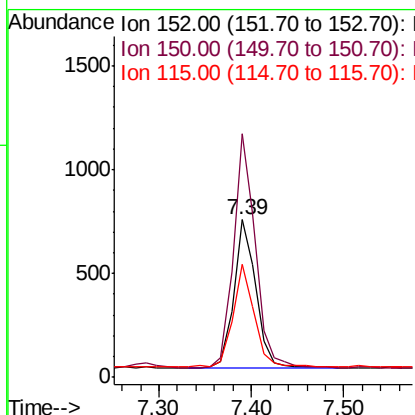
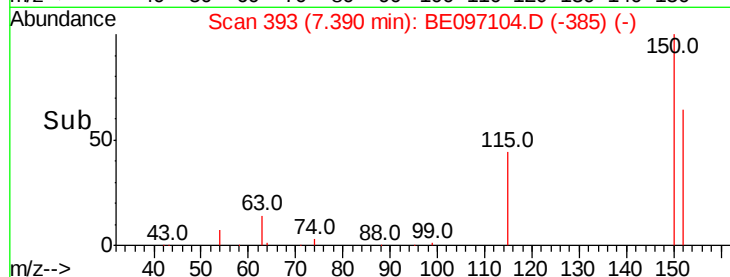
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1174
 Ion Ratio Lower Upper
 152 100
 150 154.4 117.2 175.8
 115 71.5 57.0 85.6



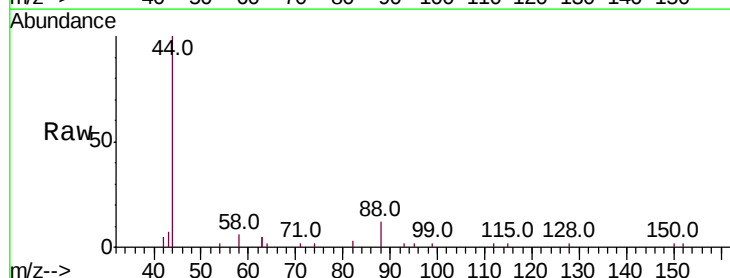
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



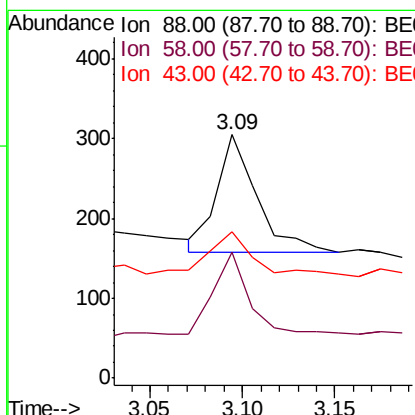
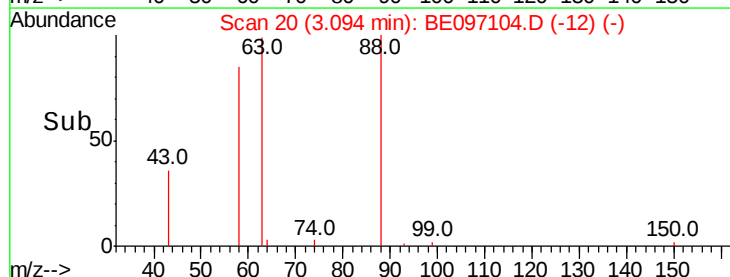
#2

1,4-Dioxane
 Concen: 0.118 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion: 88 Resp: 220
 Ion Ratio Lower Upper
 88 100
 58 62.7 63.2 94.8#
 43 40.0 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: 0.094 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

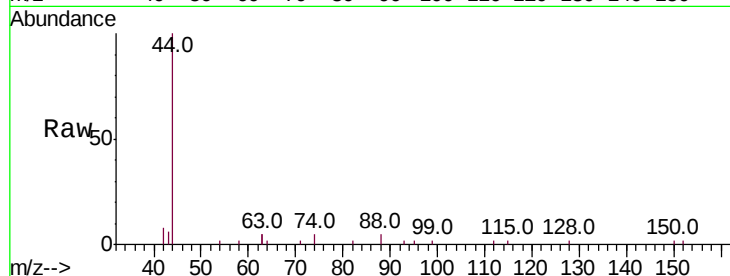
Tot Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

74 94.9 96.0 144.0#

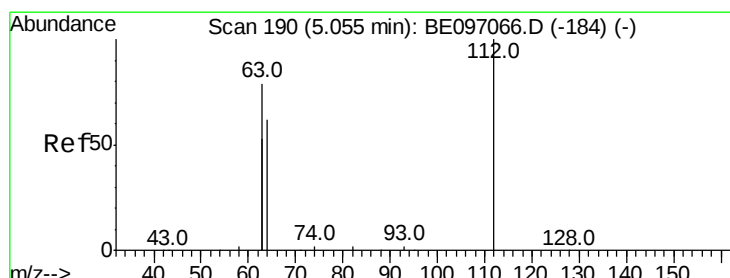
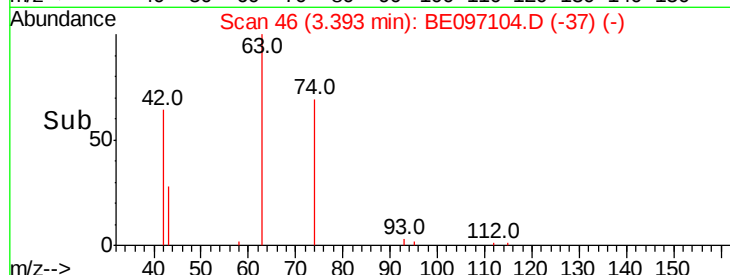
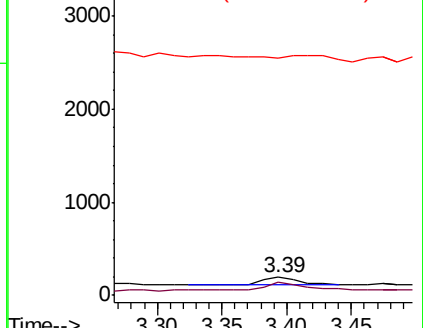
44 0.0 12.0 18.0#



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: 0.323 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

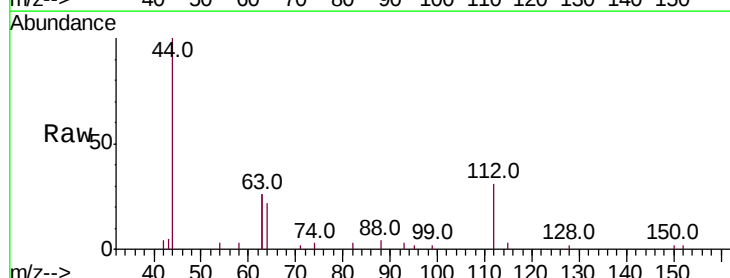
Tgt Ion: 112 Resp: 1066

Ion Ratio Lower Upper

112 100

64 69.9 60.1 90.1

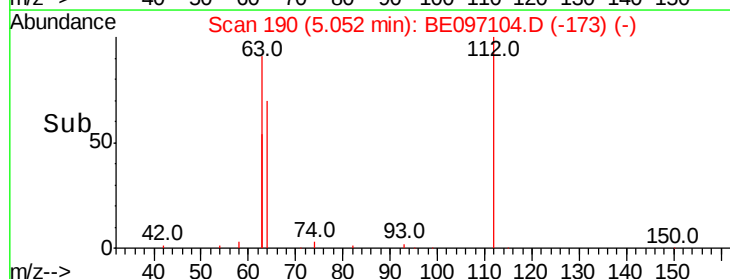
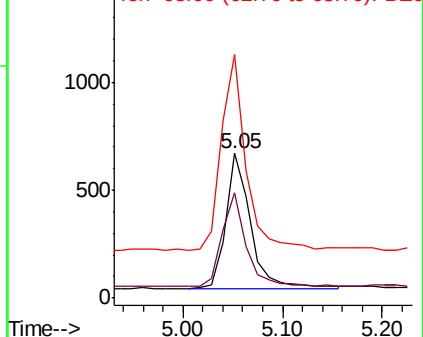
63 146.5 116.8 175.2

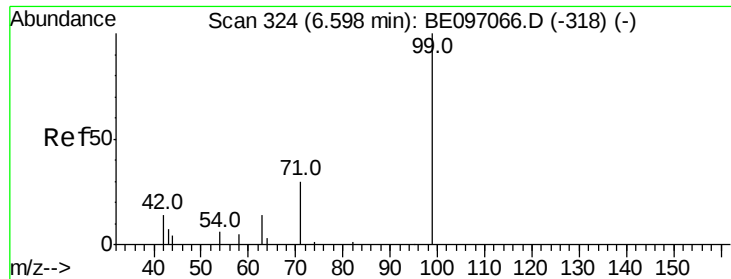


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.296 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampled :

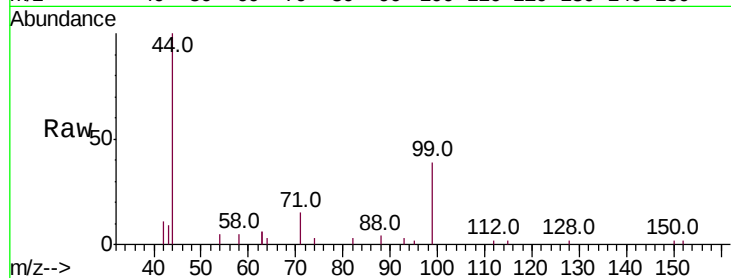
Tot Ion: 99 Resp: 1432

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

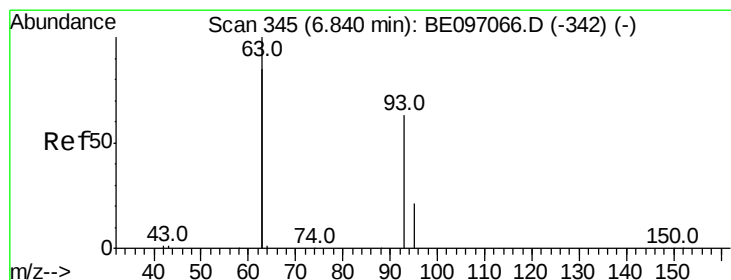
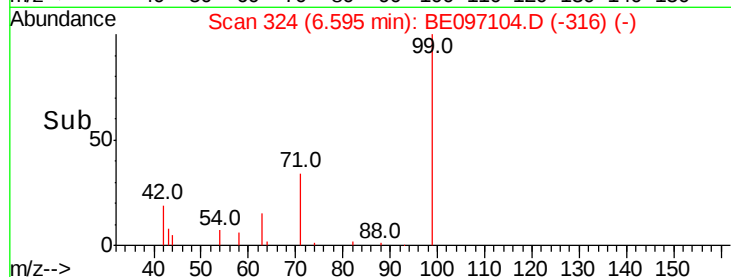
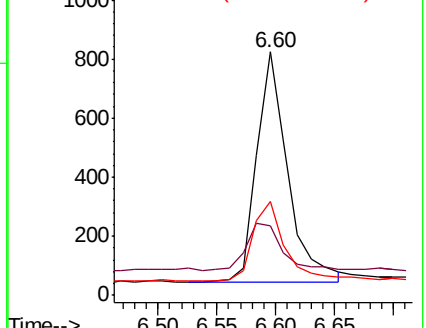
71 35.8 28.4 42.6



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: 0.106 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

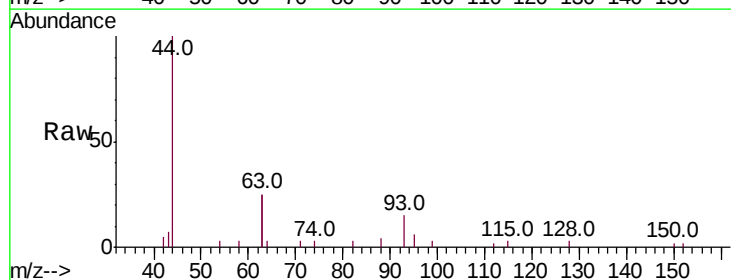
Tgt Ion: 93 Resp: 469

Ion Ratio Lower Upper

93 100

63 277.6 275.3 412.9

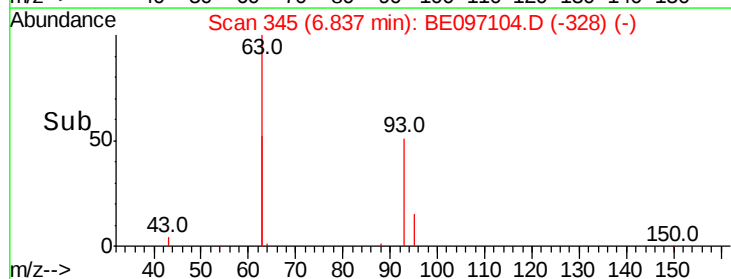
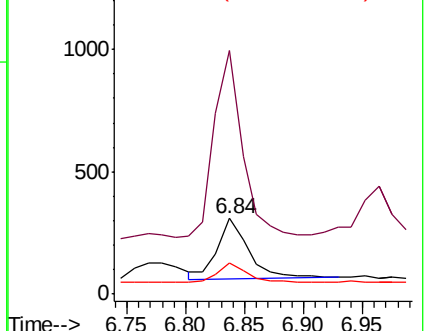
95 32.2 25.2 37.8



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: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5733

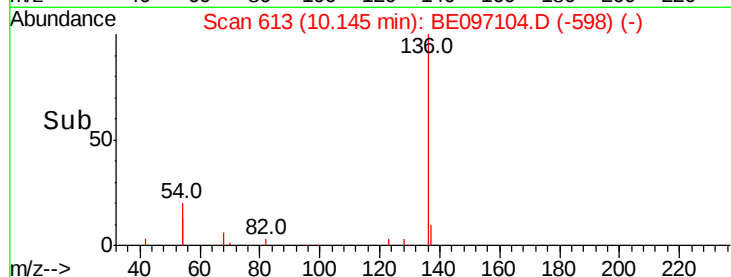
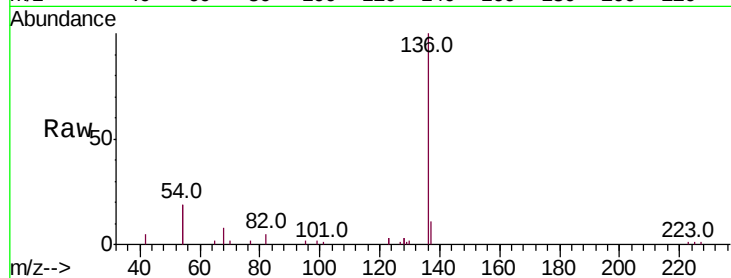
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 38.5 29.1 43.7

68 7.8 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

Time-->

10.15

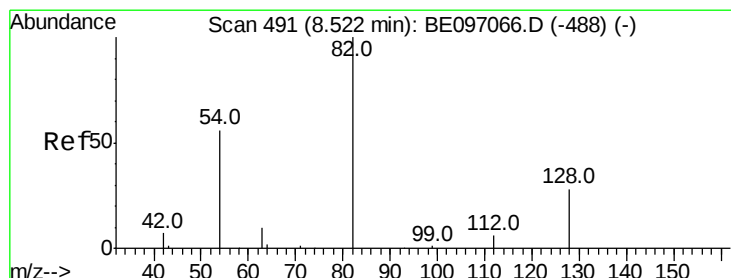
3000

2000

1000

0

10.00 10.20



#8

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

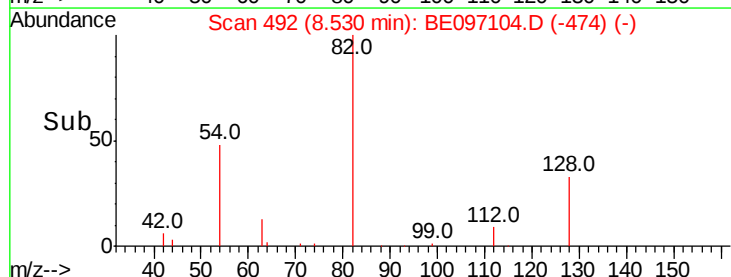
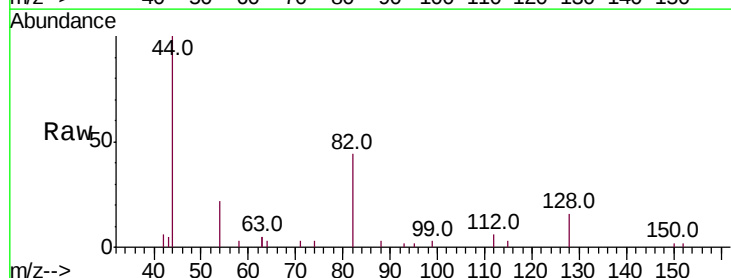
Tgt Ion: 82 Resp: 1746

Ion Ratio Lower Upper

82 100

128 36.6 24.0 36.0#

54 50.7 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

Time-->

8.53

1200

1000

800

600

400

200

0

8.50 8.60 8.70



#9

Naphthalene

Concen: 0.095 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

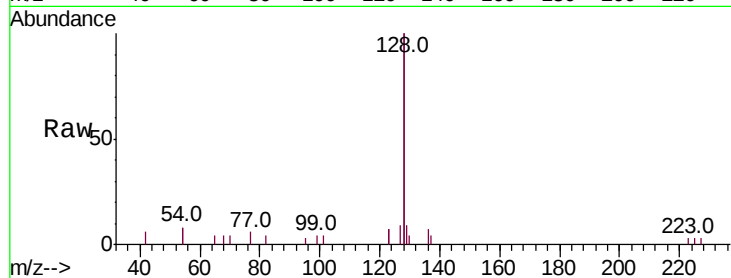
Tot Ion:128 Resp: 4870

Ion Ratio Lower Upper

128 100

129 4.5 2.6 3.8#

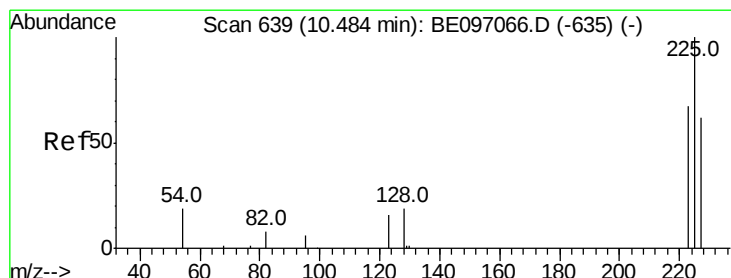
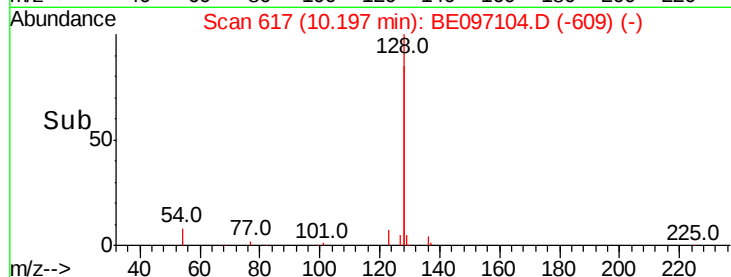
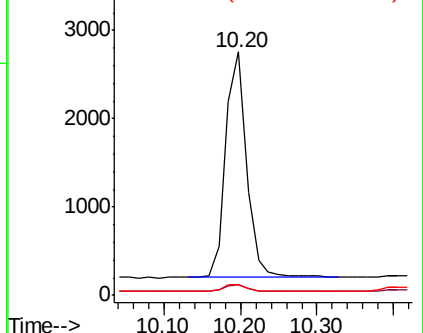
127 4.5 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.104 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

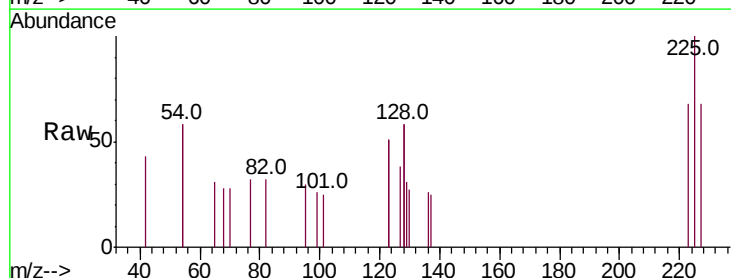
Tgt Ion:225 Resp: 239

Ion Ratio Lower Upper

225 100

223 54.0 53.0 79.6

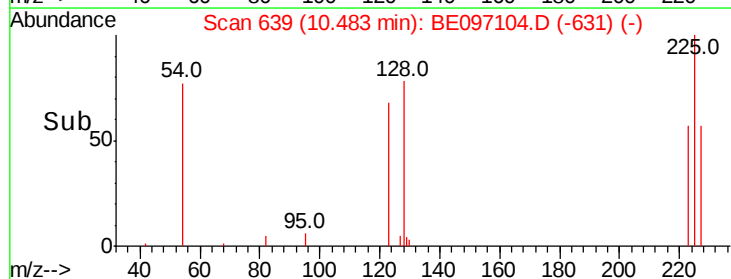
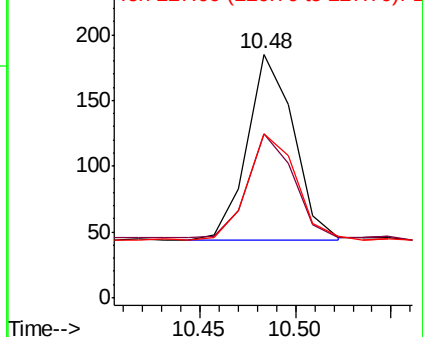
227 60.3 51.4 77.2

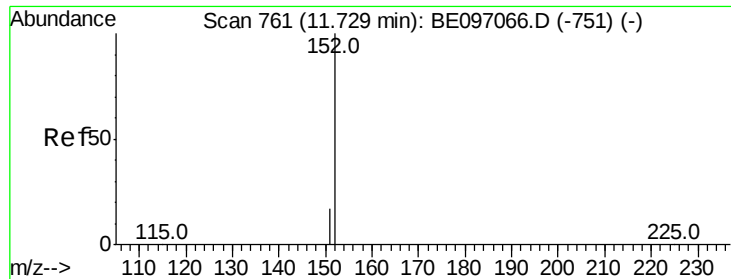


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

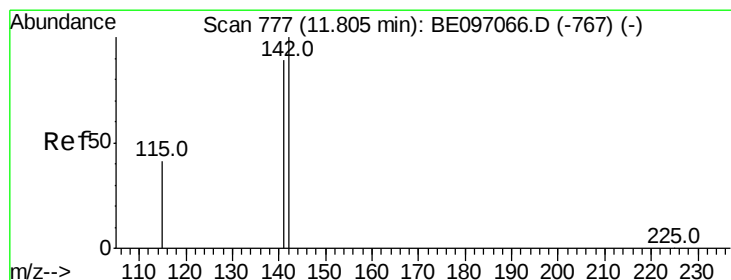
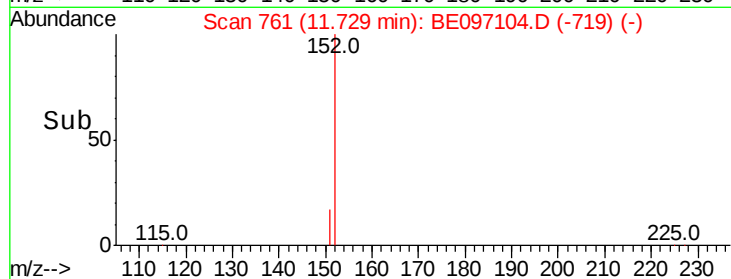
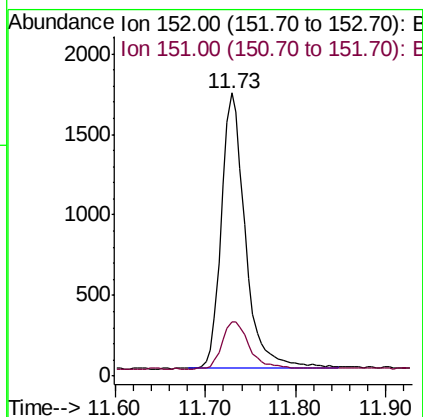
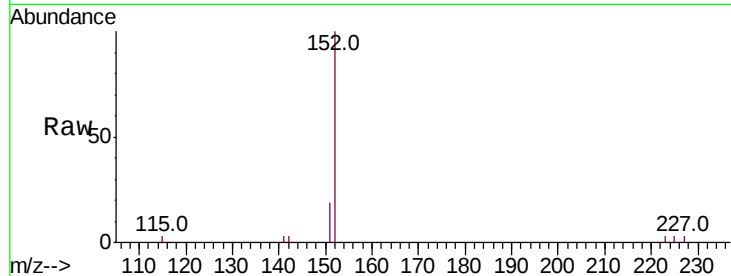




#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 11.73 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

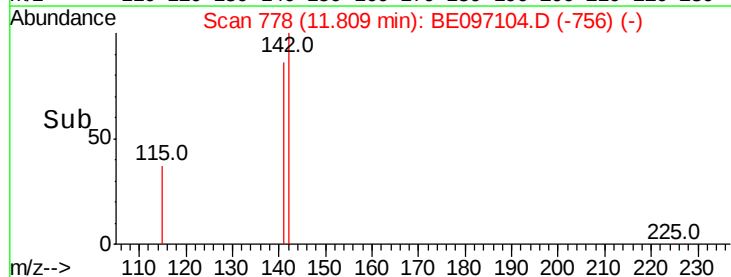
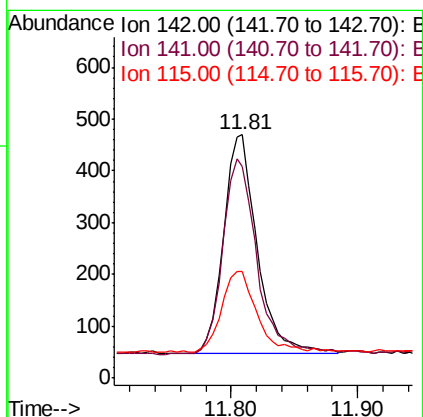
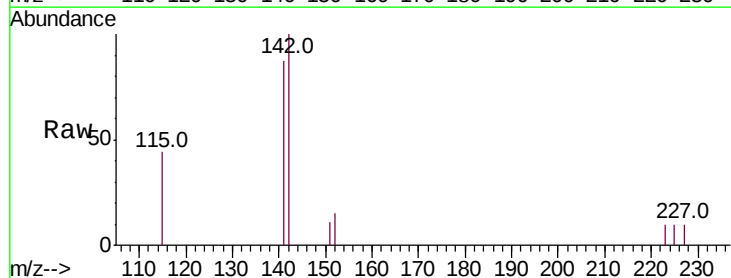
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 3184
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.089 ng
 RT: 11.81 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion:142 Resp: 783
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.4 105.6
 115 44.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

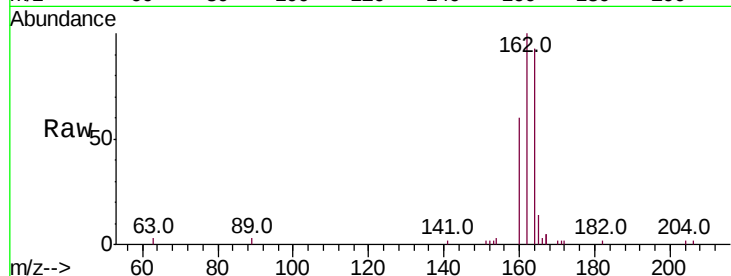
Tot Ion:164 Resp: 3410

Ion Ratio Lower Upper

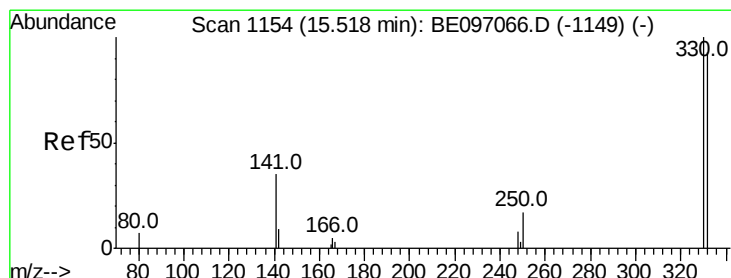
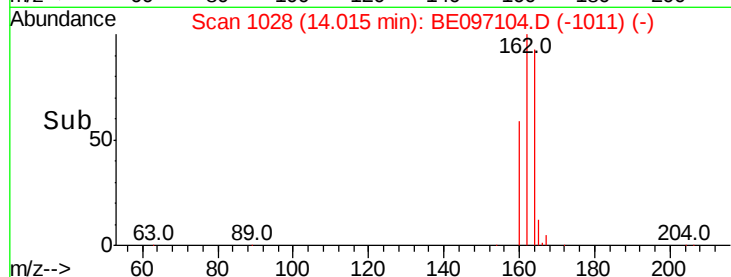
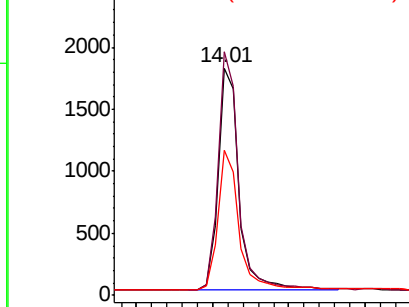
164 100

162 107.2 83.1 124.7

160 64.0 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: 0.241 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

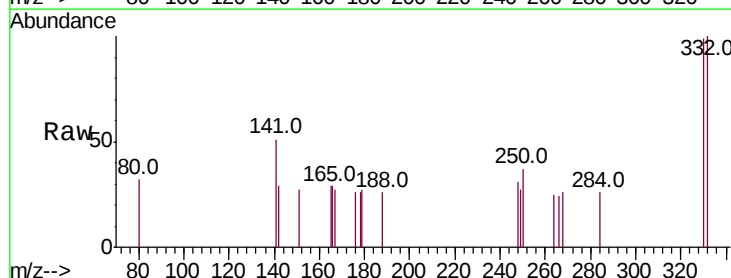
Tgt Ion:330 Resp: 271

Ion Ratio Lower Upper

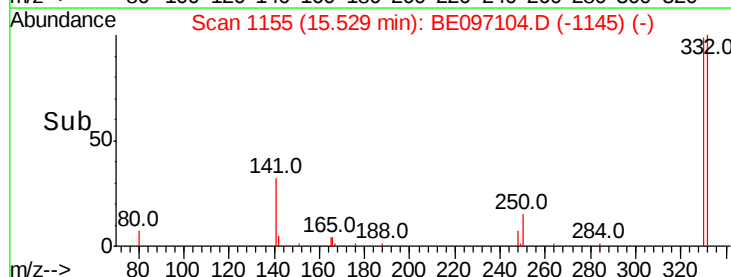
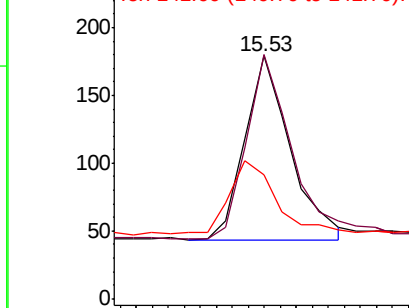
330 100

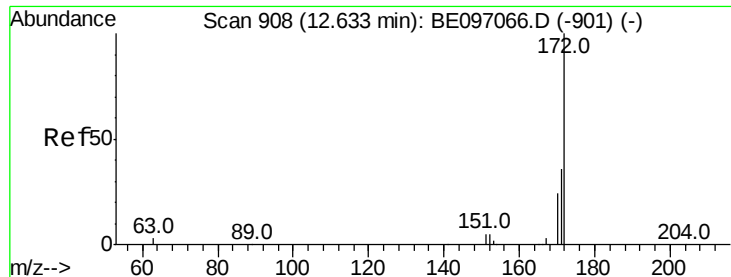
332 98.2 152.7 229.1#

141 43.2 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

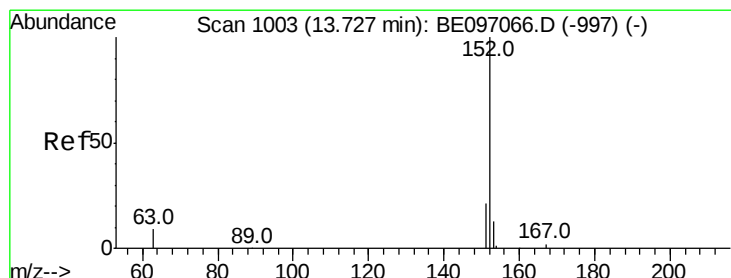
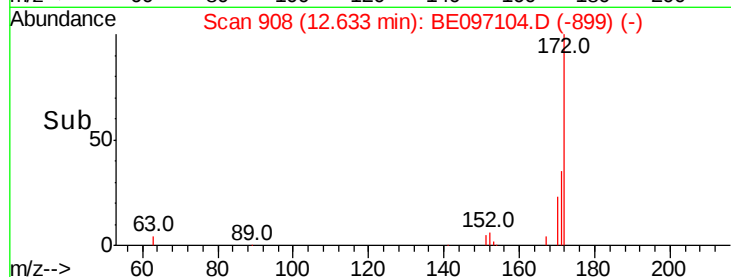
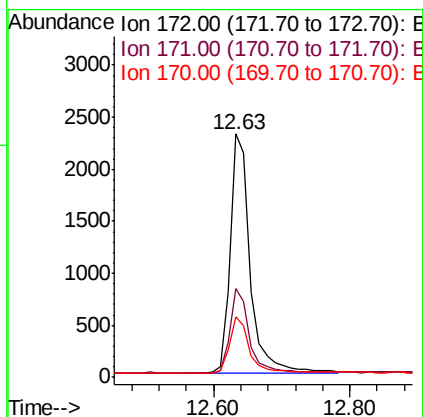
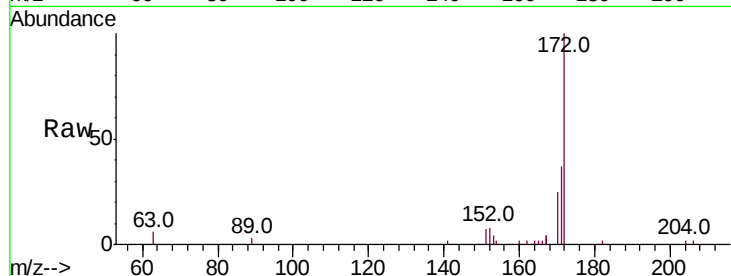




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

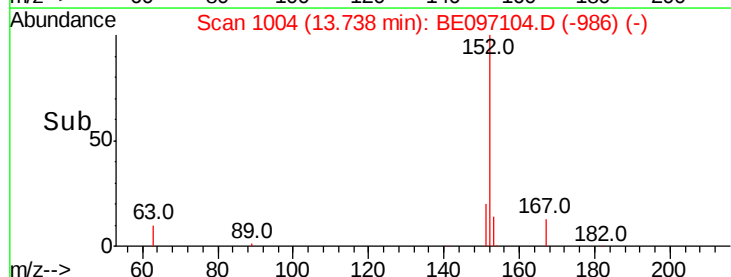
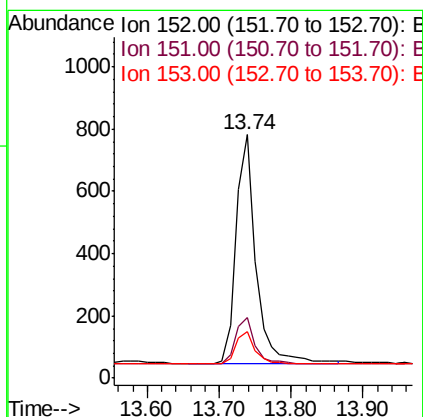
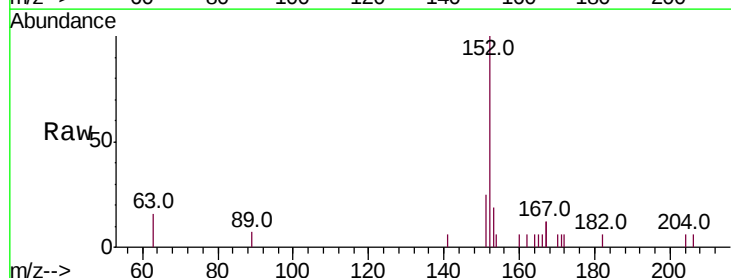
Instrument :
BNA_E
ClientSampleId :

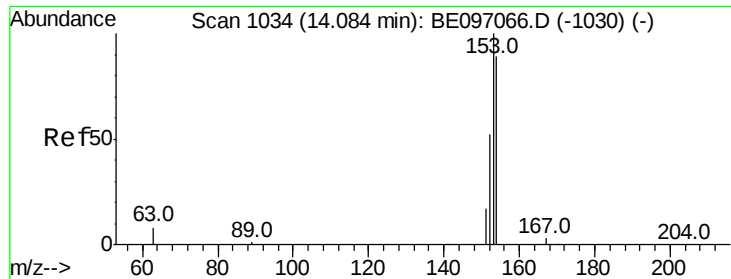
Tot Ion:172 Resp: 4694
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.092 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:152 Resp: 1415
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 13.7 10.5 15.7

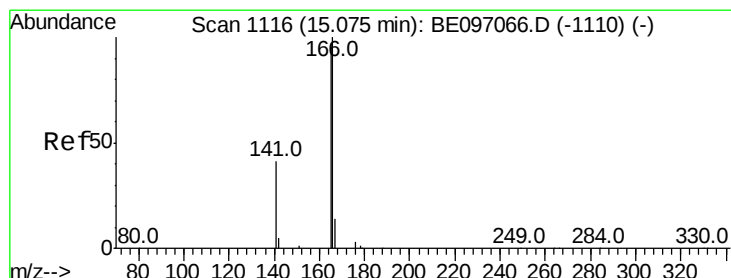
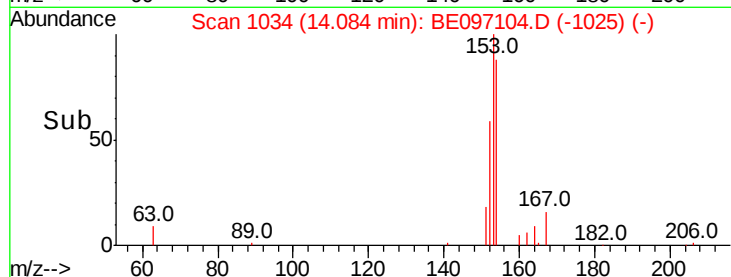
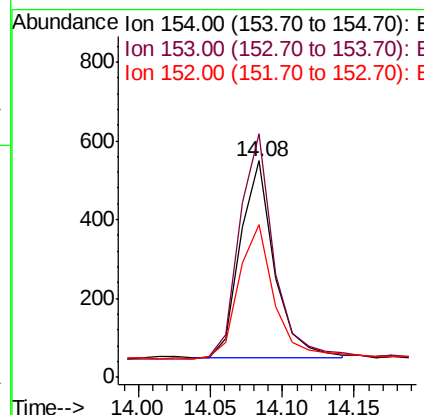
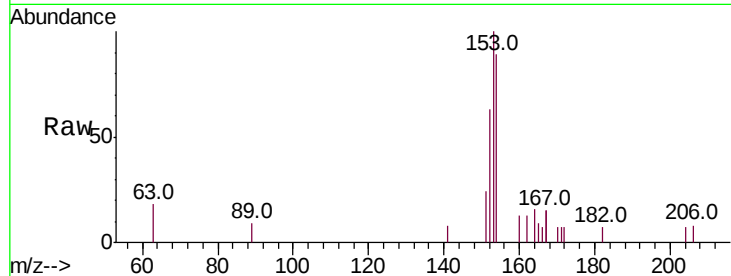




#17
Acenaphthene
Concen: 0.093 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

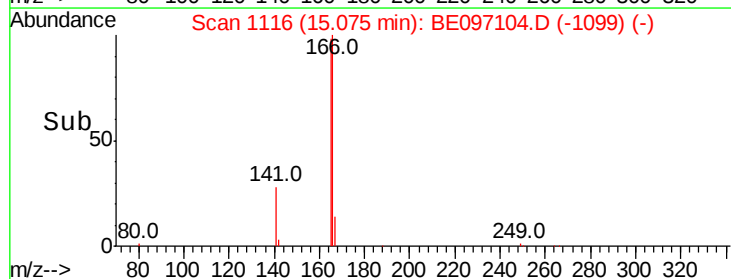
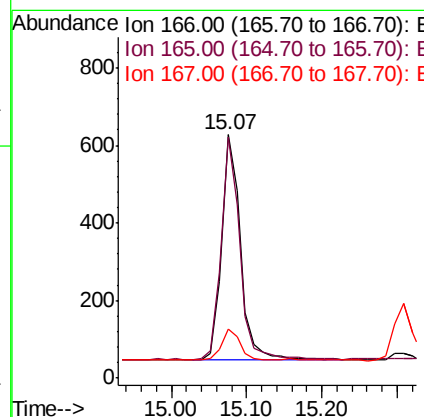
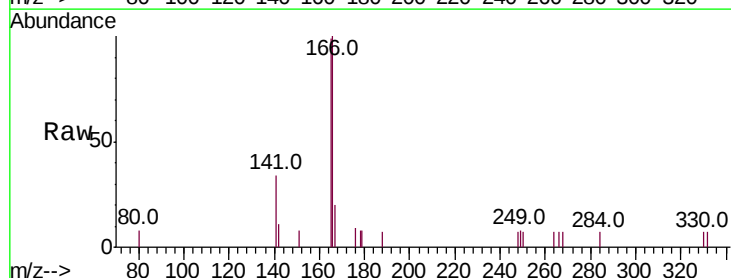
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 829
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 71.4 42.0 63.0#



#18
Fluorene
Concen: 0.087 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:166 Resp: 1024
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 13.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

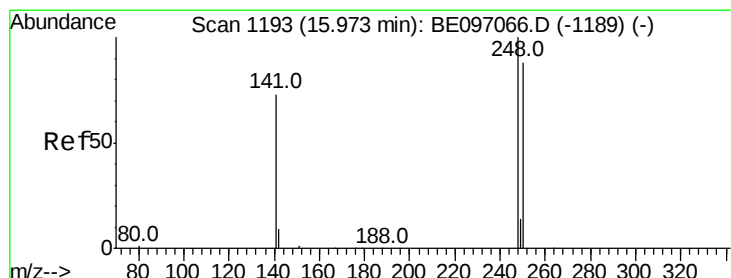
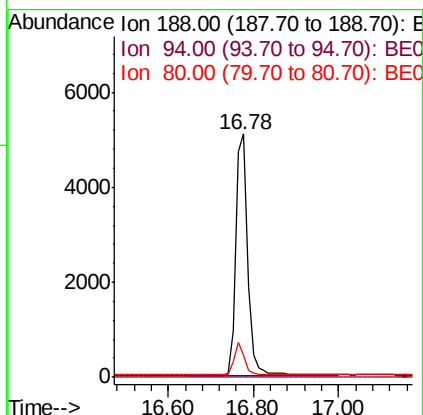
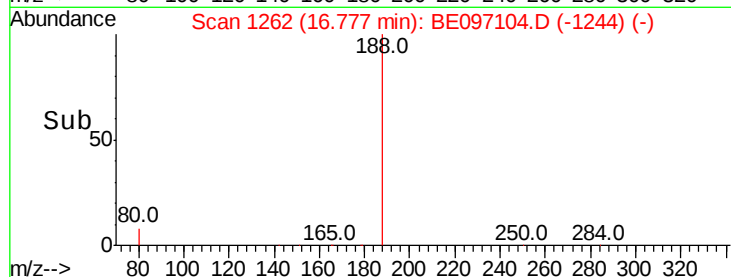
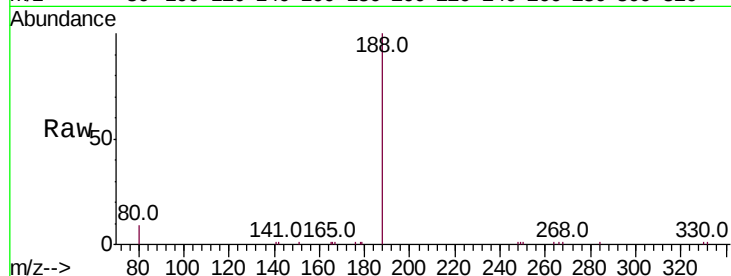
Tot Ion:188 Resp: 9505

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.089 ng

RT: 15.98 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

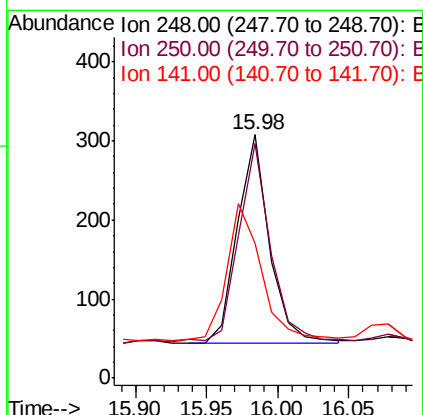
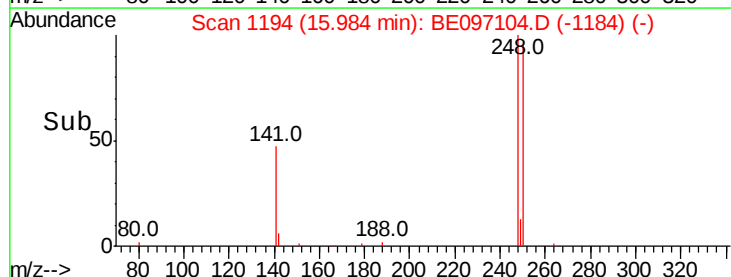
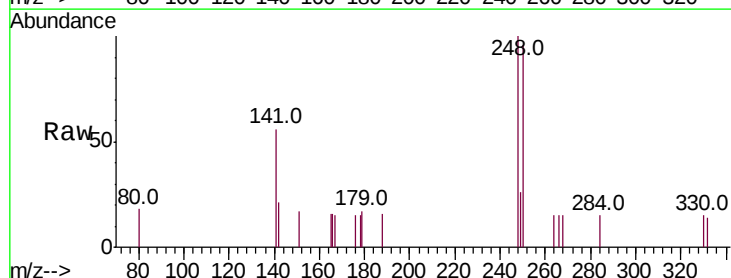
Tgt Ion:248 Resp: 409

Ion Ratio Lower Upper

248 100

250 96.4 62.7 94.1#

141 55.5 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.103 ng

RT: 16.09 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

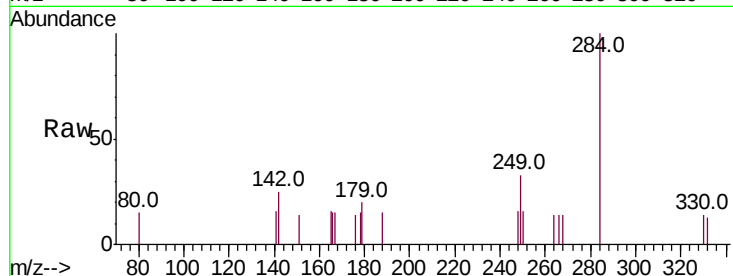
Tot Ion:284 Resp: 510

Ion Ratio Lower Upper

284 100

142 31.8 22.1 33.1

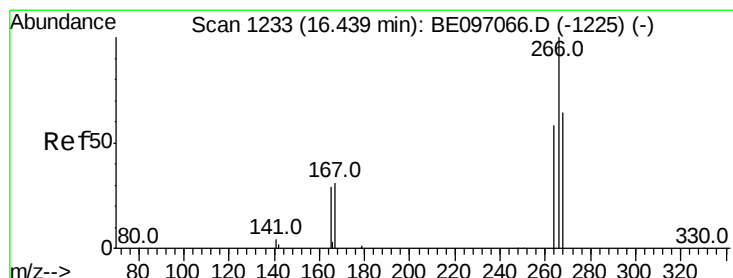
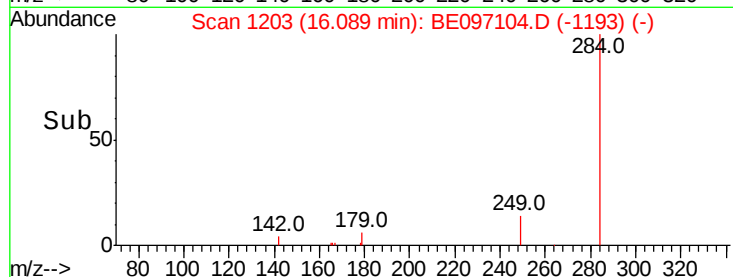
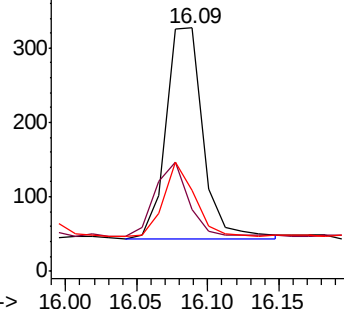
249 29.2 34.8 52.2#



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: 0.090 ng

RT: 16.46 min Scan# 1235

Delta R.T. 0.02 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

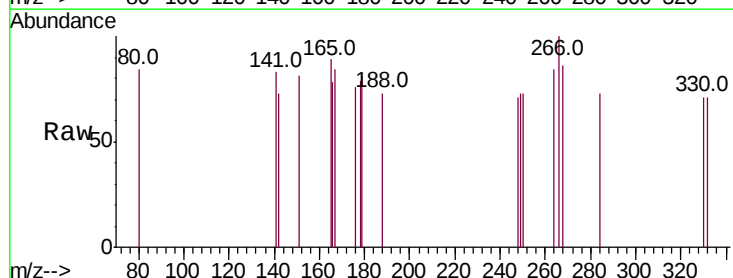
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

264 84.1 72.5 108.7

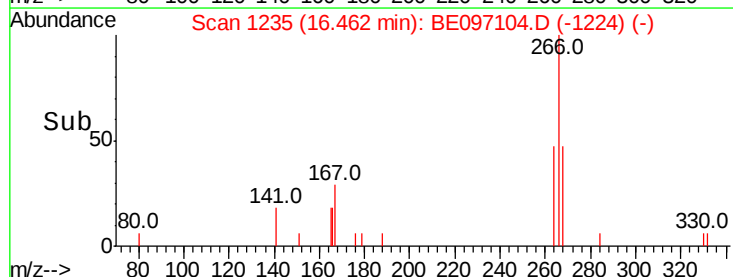
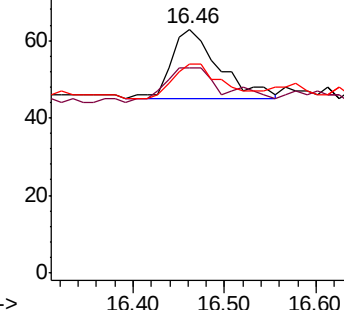
268 85.7 73.8 110.6



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: 0.093 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

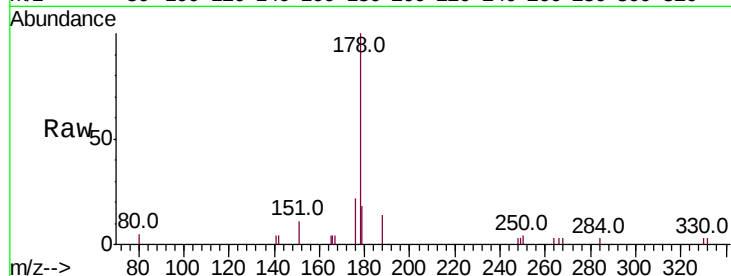
Tot Ion:178 Resp: 2103

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

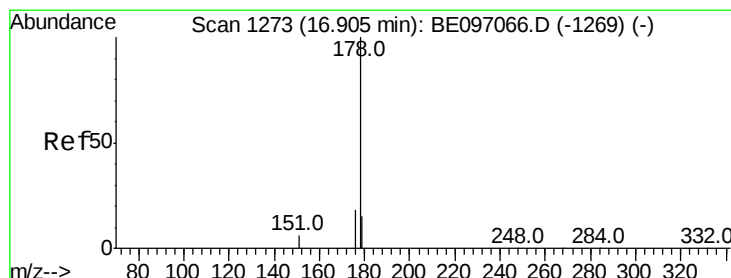
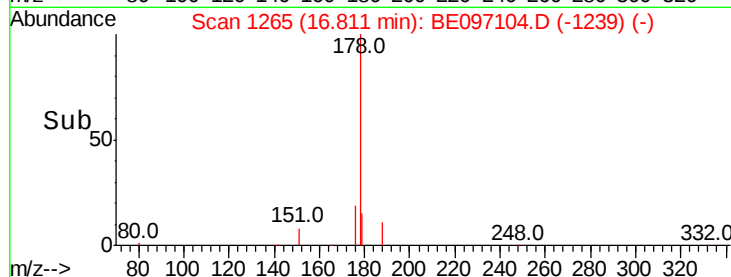
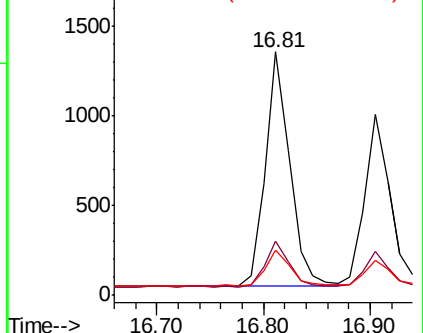
179 16.2 11.8 17.6



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: 0.078 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

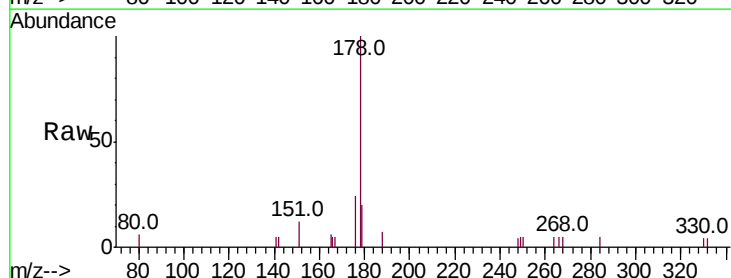
Tgt Ion:178 Resp: 1573

Ion Ratio Lower Upper

178 100

176 19.5 12.8 19.2#

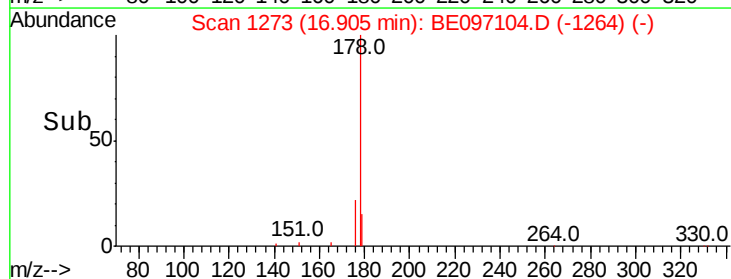
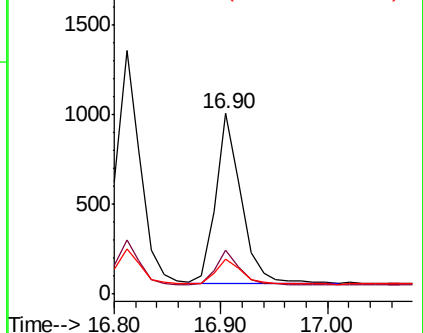
179 15.6 13.0 19.6



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: 0.368 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

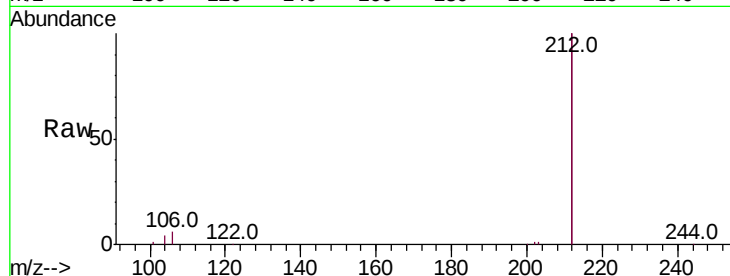
Tot Ion:212 Resp: 35018

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

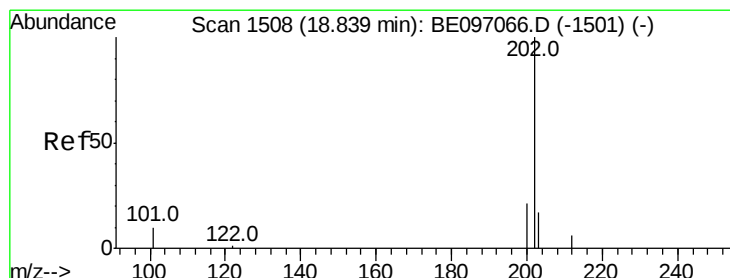
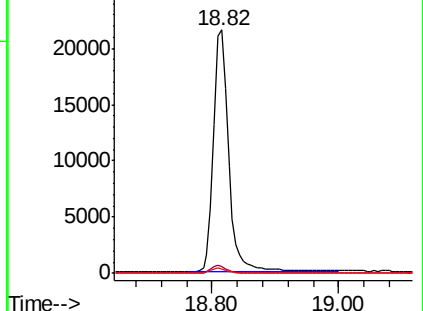
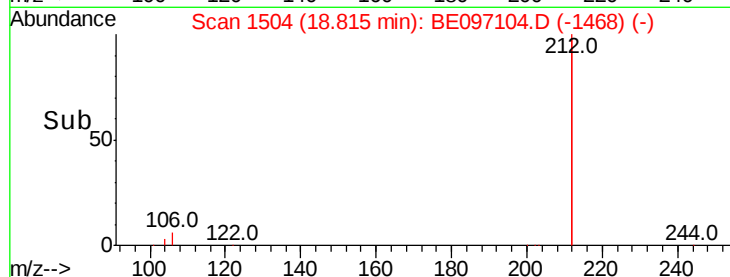
104 1.7 1.6 2.4



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: 0.083 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

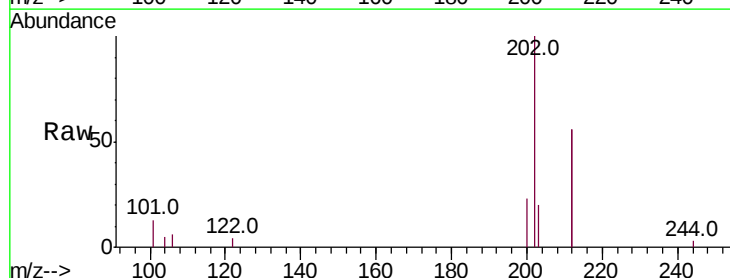
Tgt Ion:202 Resp: 2118

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

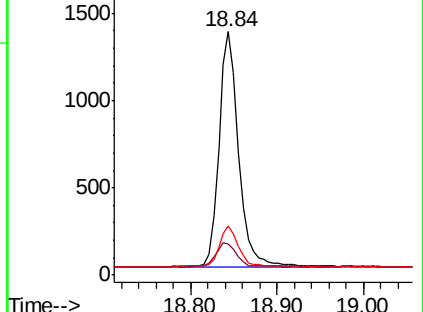
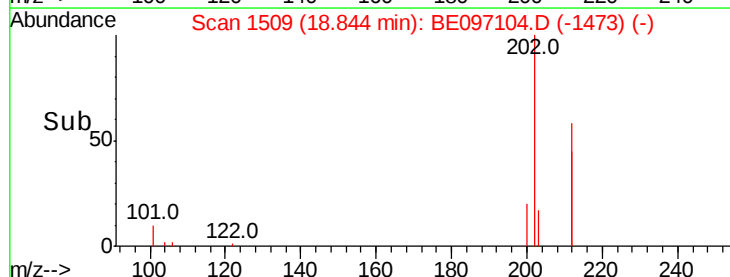
203 17.4 13.7 20.5



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: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

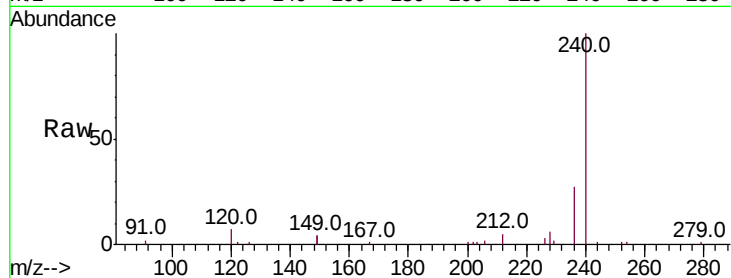
Tot Ion:240 Resp: 7012

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

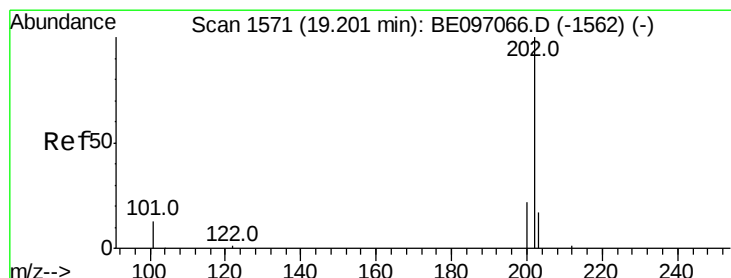
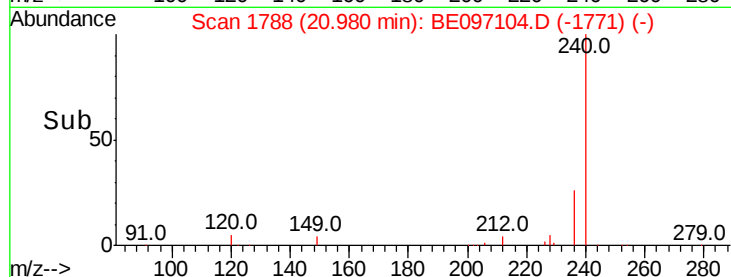
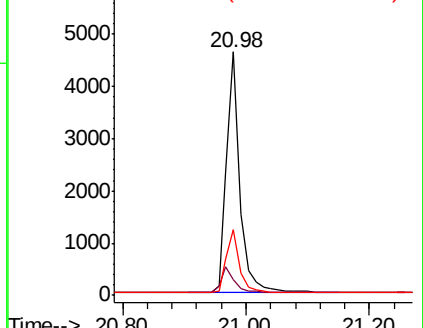
236 27.2 20.7 31.1



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: 0.100 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

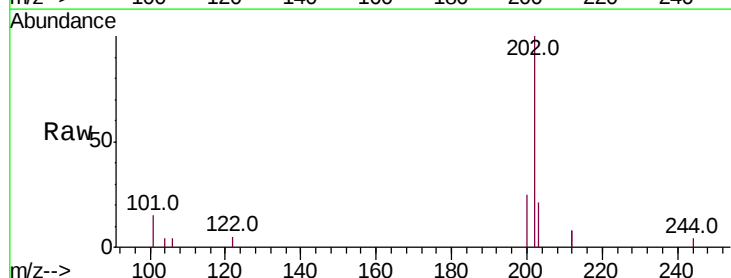
Tgt Ion:202 Resp: 1927

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

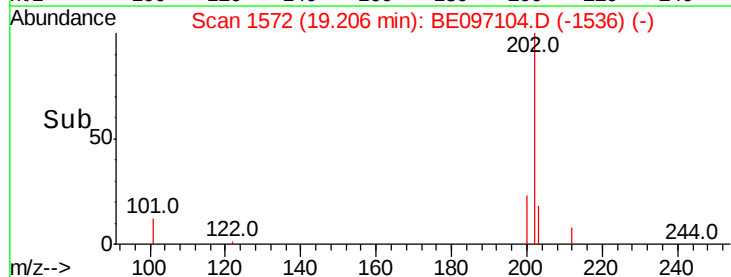
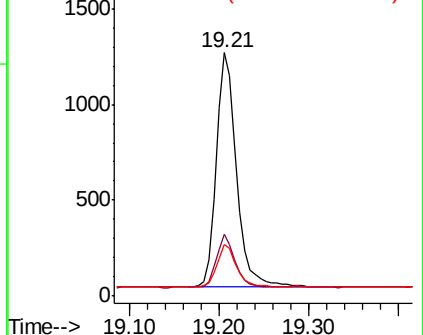
203 16.8 13.8 20.8

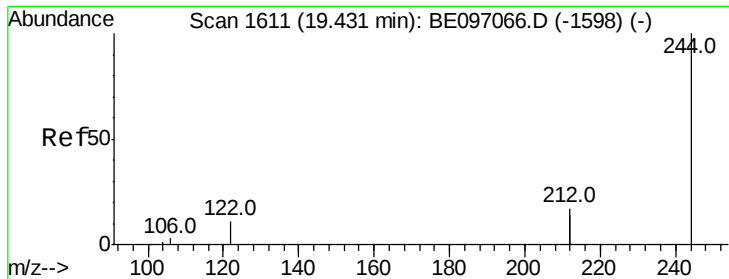


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

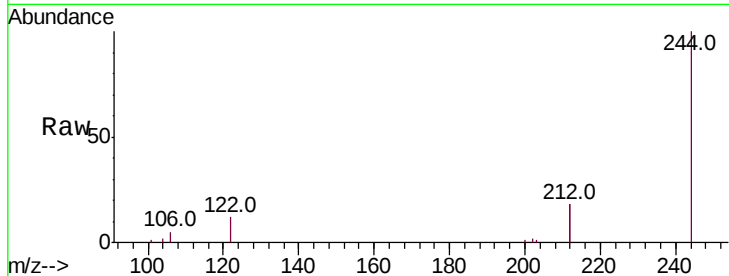




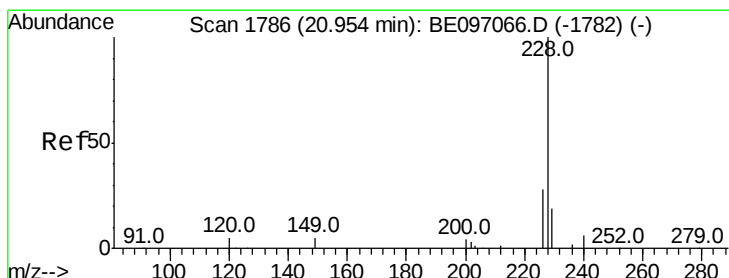
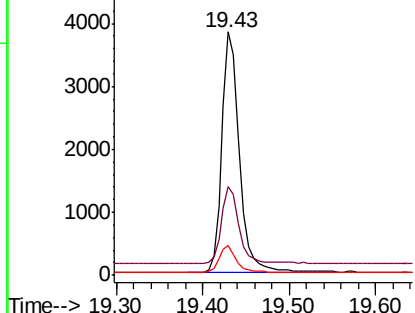
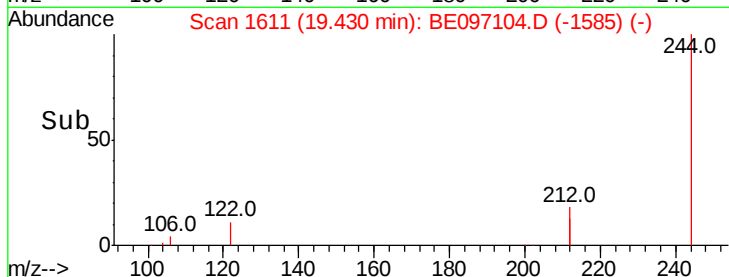
#29
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 5416
 Ion Ratio Lower Upper
 244 100
 212 36.4 25.4 38.0
 122 12.3 8.1 12.1#

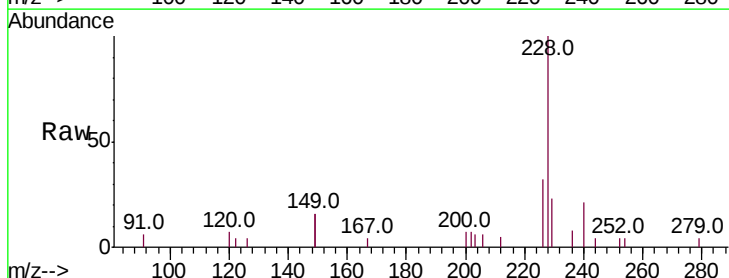


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

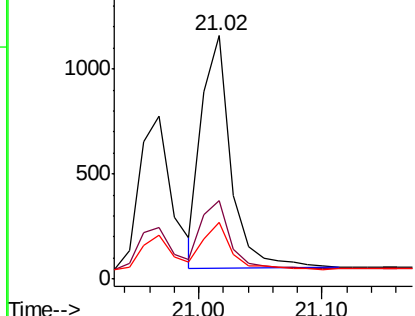
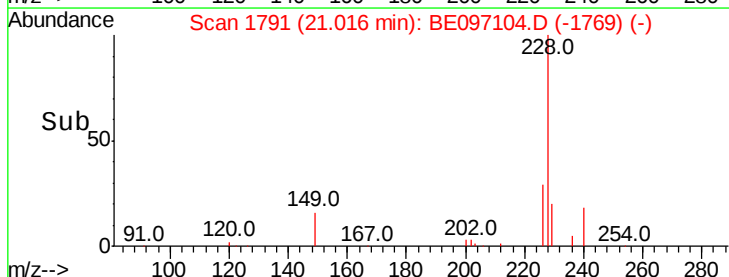


#30
 Benzo(a)anthracene
 Concen: 0.105 ng
 RT: 21.02 min Scan# 1791
 Delta R.T. 0.06 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion:228 Resp: 1828
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.0 36.0
 229 23.2 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





#31

Chrysene

Concen: 0.096 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

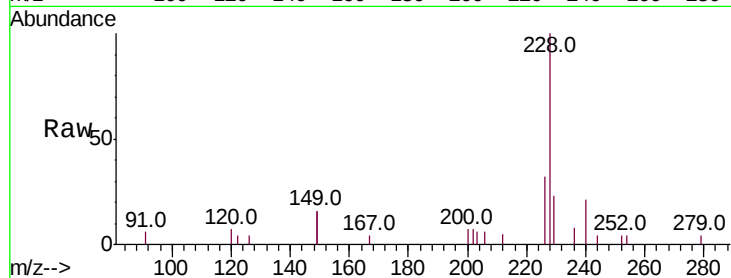
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 1795

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	23.2	16.0	24.0

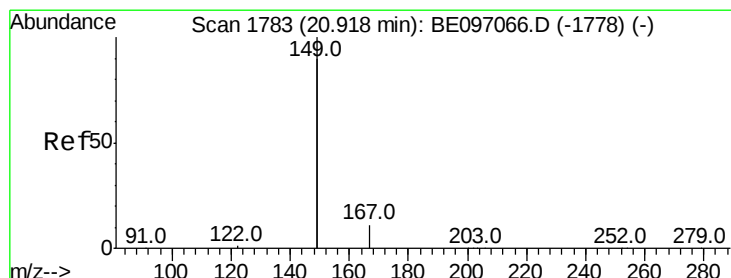
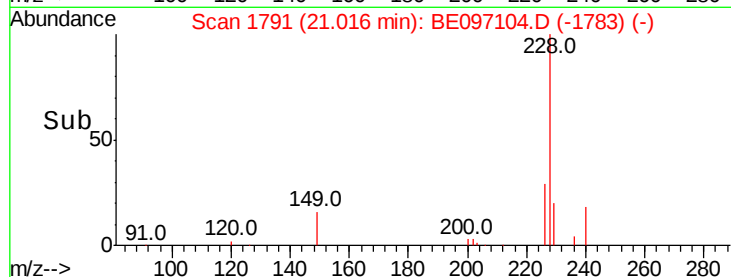
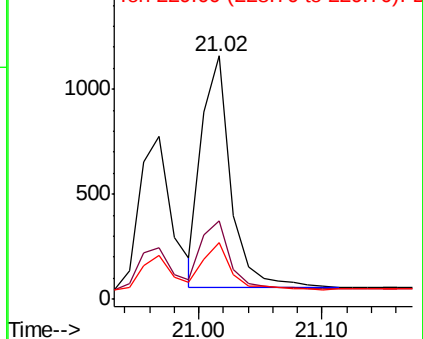


Abundance

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: 0.065 ng

RT: 20.92 min Scan# 1783

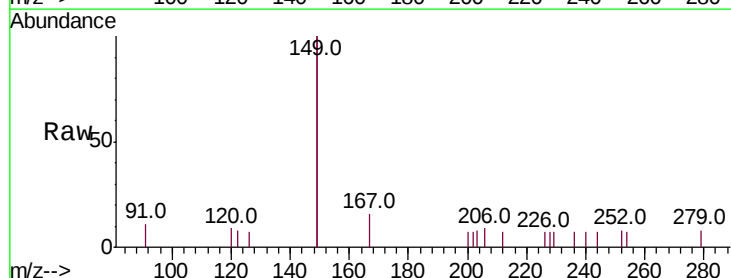
Delta R.T. 0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:149 Resp: 1336

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.4	0.7	1.1#

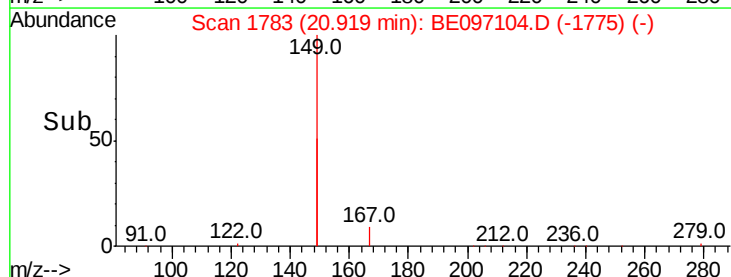
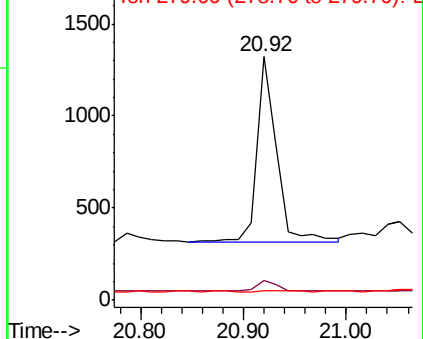


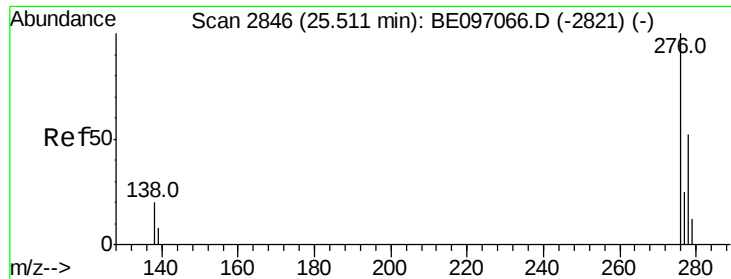
Abundance

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: 0.055 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.02 min

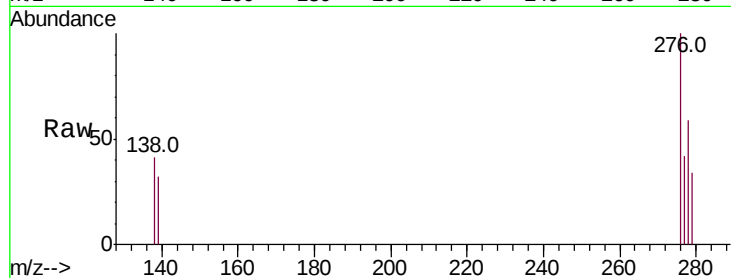
Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :



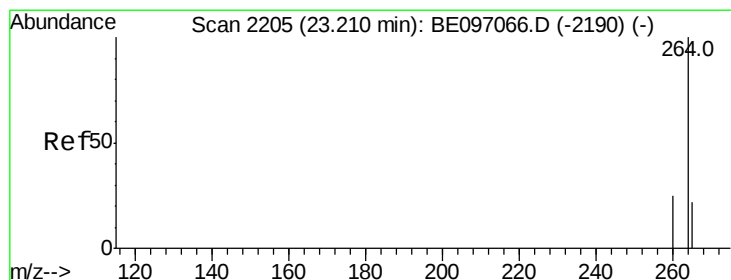
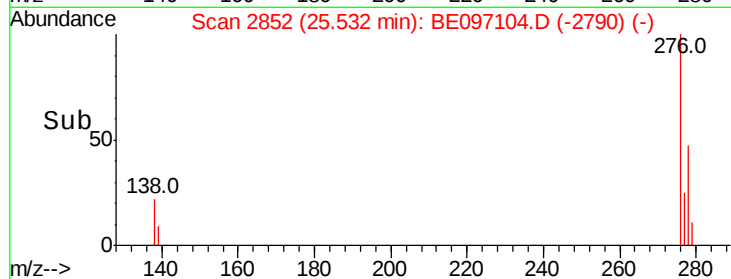
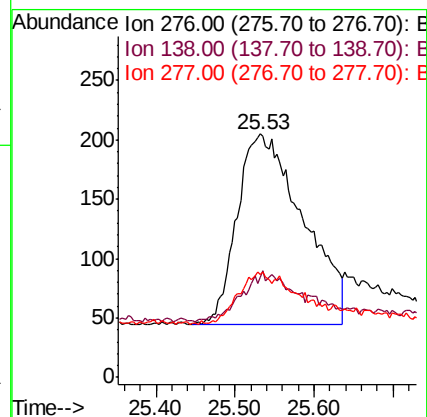
Tot Ion:276 Resp: 927

Ion Ratio Lower Upper

276 100

138 9.8 22.5 33.7#

277 12.5 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

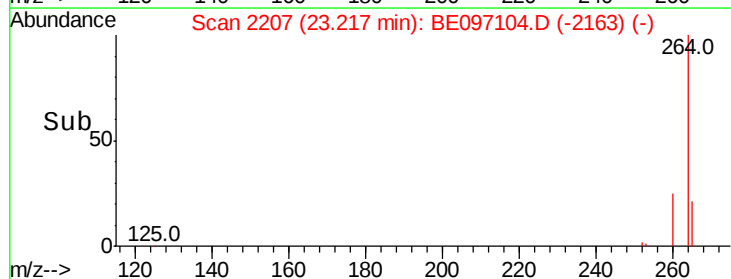
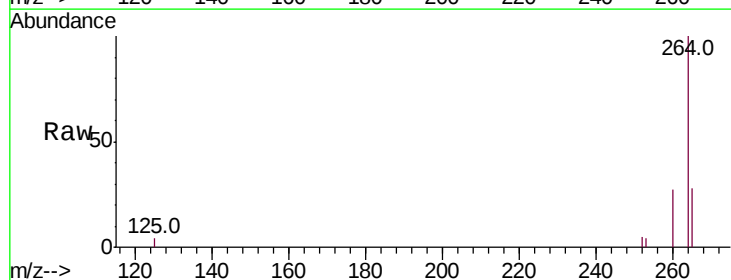
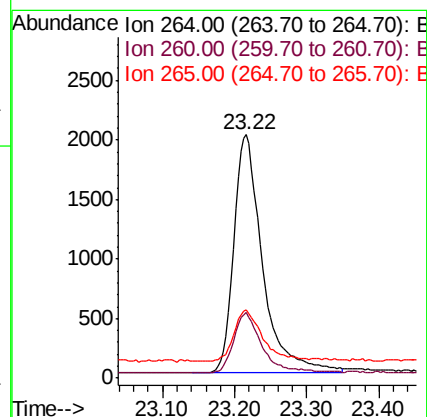
Tgt Ion:264 Resp: 5402

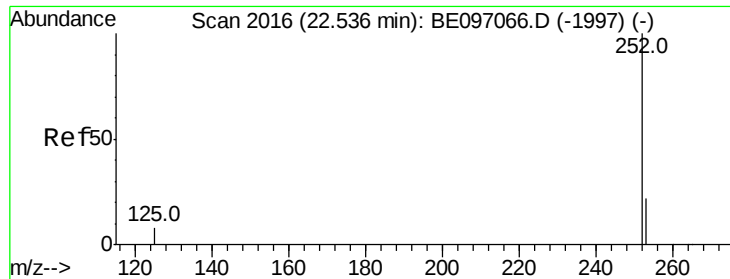
Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 27.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.081 ng

RT: 22.54 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

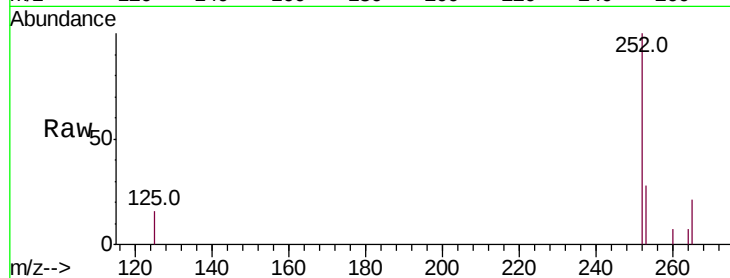
Tot Ion:252 Resp: 1112

Ion Ratio Lower Upper

252 100

253 28.1 20.0 30.0

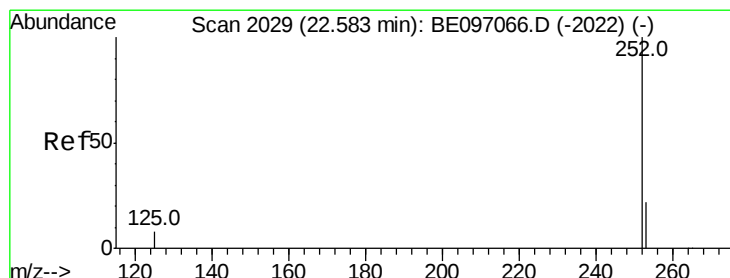
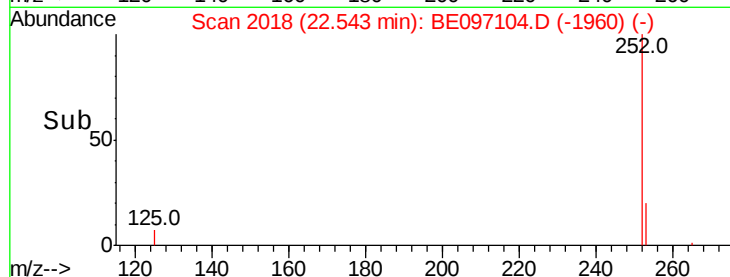
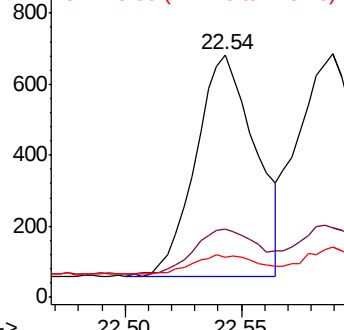
125 16.2 16.0 24.0



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: 0.085 ng

RT: 22.59 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

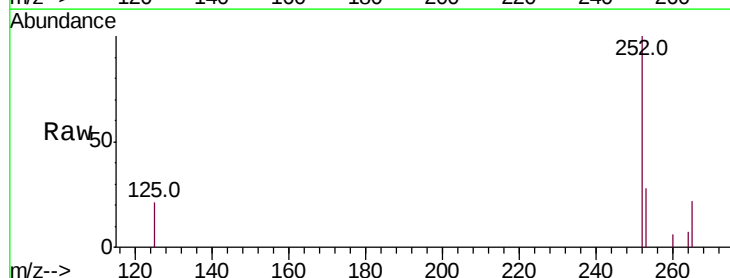
Tgt Ion:252 Resp: 1356

Ion Ratio Lower Upper

252 100

253 28.4 16.0 24.0#

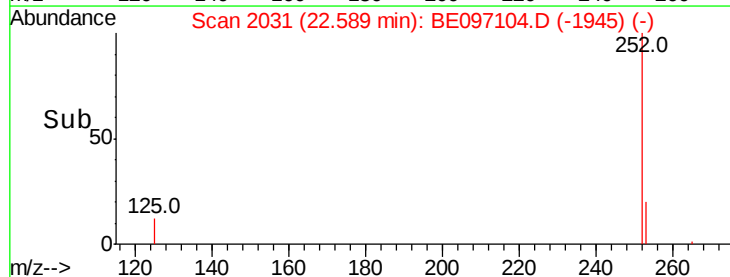
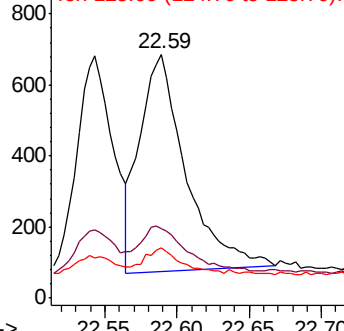
125 20.7 8.0 12.0#



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: 0.075 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampled :

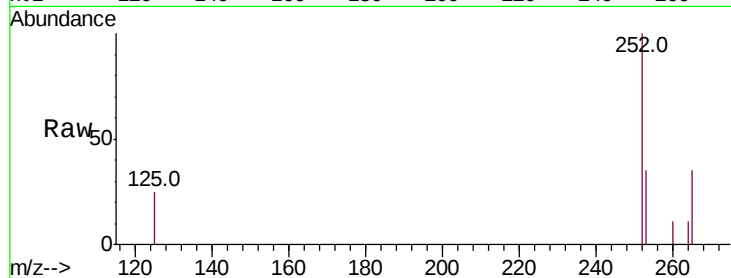
Tot Ion:252 Resp: 964

Ion Ratio Lower Upper

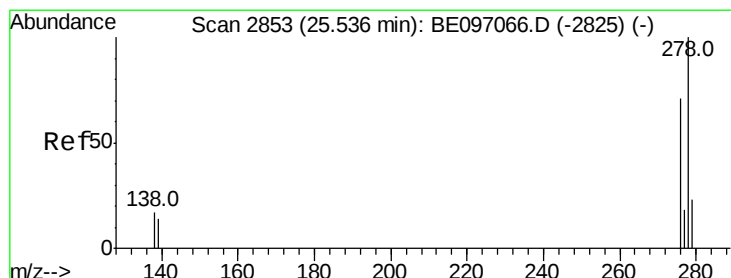
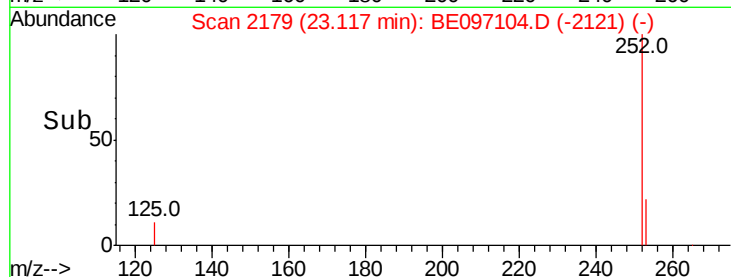
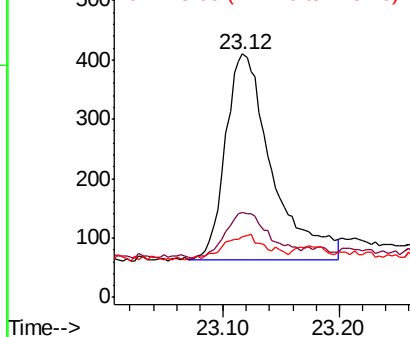
252 100

253 35.1 16.0 24.0#

125 24.9 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: 0.053 ng

RT: 25.56 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

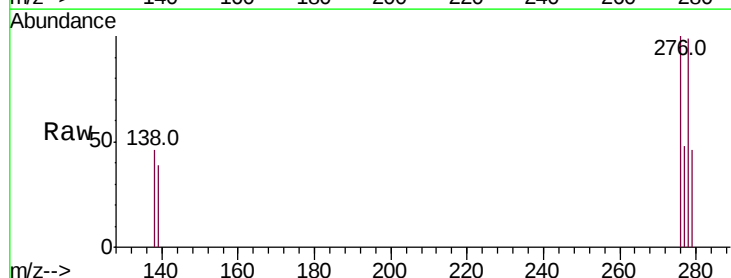
Tgt Ion:278 Resp: 677

Ion Ratio Lower Upper

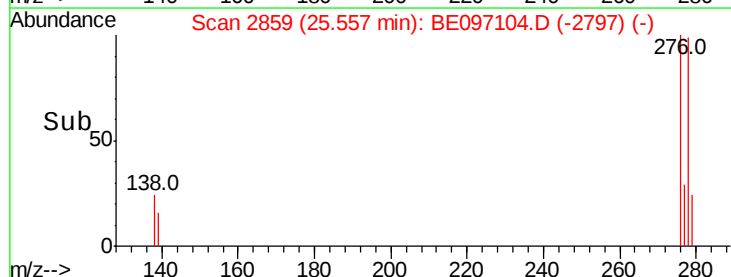
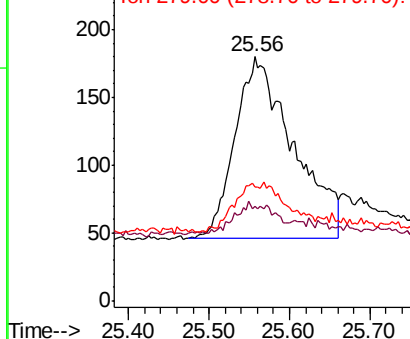
278 100

139 38.9 16.0 24.0#

279 46.7 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: 0.073 ng

RT: 26.23 min Scan# 3048

Delta R.T. 0.03 min

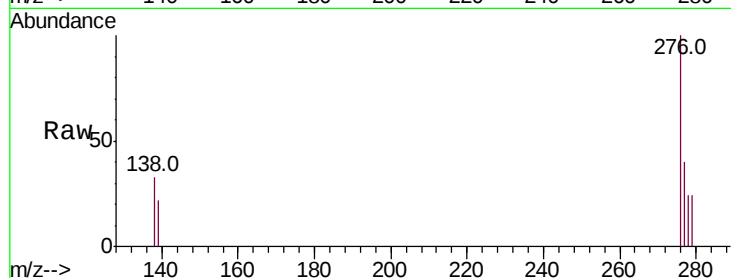
Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :



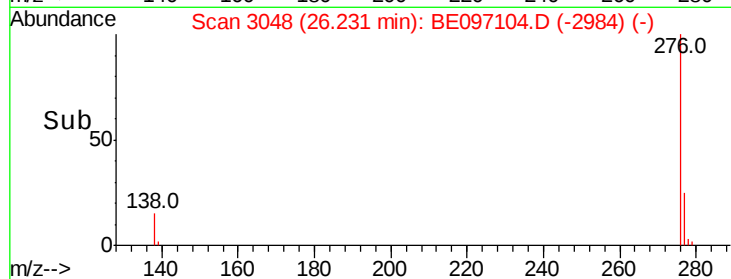
Tot Ion: 276 Resp: 991

Ion Ratio Lower Upper

276 100

277 40.1 16.0 24.0#

138 33.2 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

