

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097087.D
 Acq On : 25 Jul 2018 00:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 25 01:21:45 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	1262	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6431	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4215	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11542	0.40	ng	0.00
27) Chrysene-d12	20.97	240	11429	0.40	ng	-0.01
34) Perylene-d12	23.21	264	11109	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1640	0.46	ng	0.00
5) Phenol-d6	6.59	99	2504	0.48	ng	0.00
8) Nitrobenzene-d5	8.52	82	2349	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3832	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	653	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5743	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	46969	0.41	ng	0.00
29) Terphenyl-d14	19.43	244	8834	0.40	ng	0.00

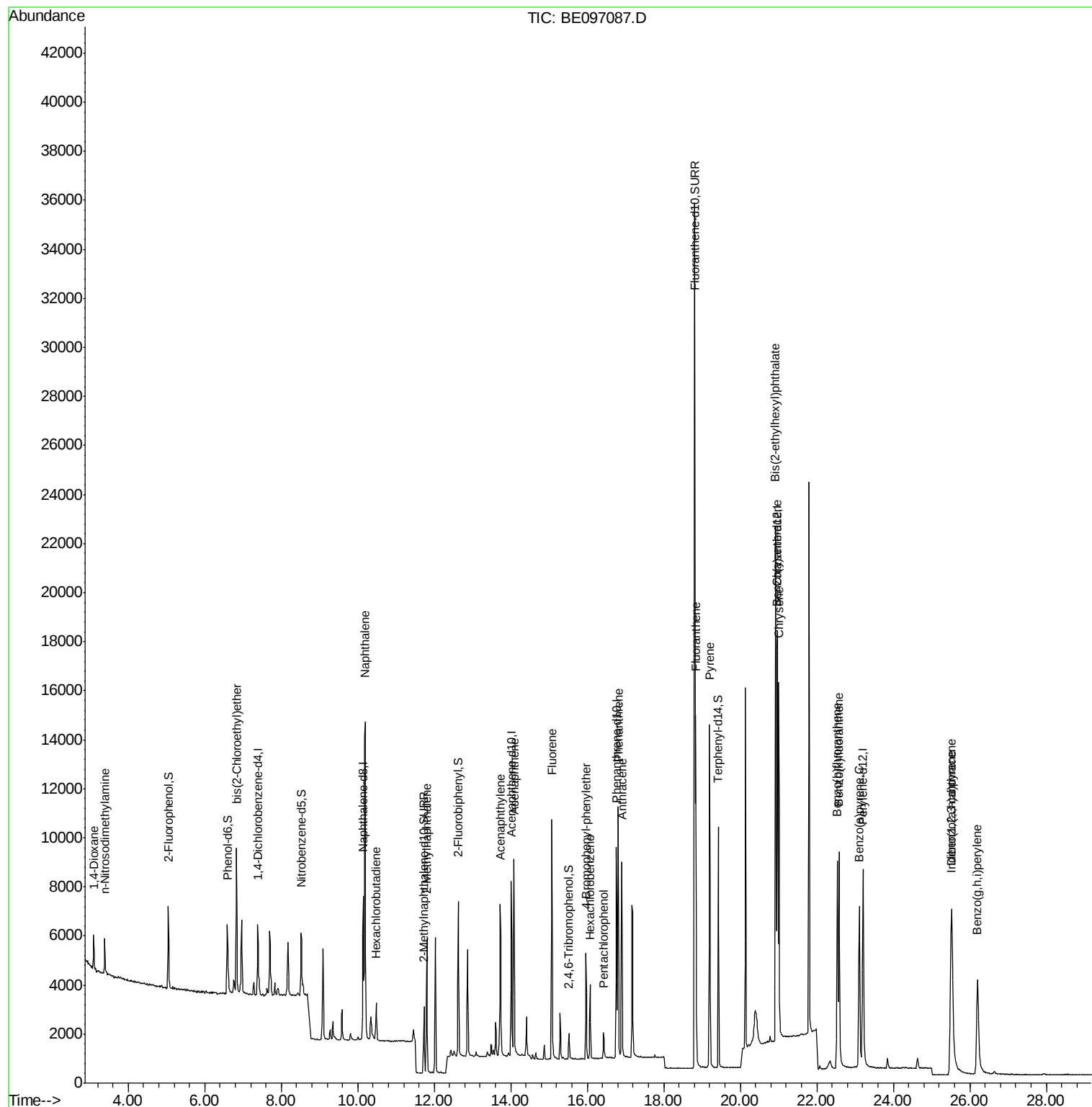
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	813	0.405	ng	# 84
3) n-Nitrosodimethylamine	3.38	42	884	0.394	ng	96
6) bis(2-Chloroethyl)ether	6.84	93	1970	0.415	ng	89
9) Naphthalene	10.20	128	23180	0.402	ng	100
10) Hexachlorobutadiene	10.48	225	992	0.384	ng	97
12) 2-Methylnaphthalene	11.81	142	4061	0.410	ng	97
16) Acenaphthylene	13.73	152	7573	0.400	ng	100
17) Acenaphthene	14.08	154	4400	0.400	ng	93
18) Fluorene	15.07	166	5915	0.407	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	2222	0.396	ng	# 84
21) Hexachlorobenzene	16.08	284	2319	0.385	ng	# 83
22) Pentachlorophenol	16.43	266	644	0.451	ng	# 74
23) Phenanthrene	16.81	178	10888	0.396	ng	99
24) Anthracene	16.90	178	9947	0.404	ng	96
26) Fluoranthene	18.84	202	12453	0.403	ng	98
28) Pyrene	19.20	202	12823	0.409	ng	100
30) Benzo(a)anthracene	20.95	228	11977	0.421	ng	97
31) Chrysene	21.00	228	12443	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	23366	0.743	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12370	0.448	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	11038	0.392	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	13148	0.400	ng	93
37) Benzo(a)pyrene	23.11	252	11060	0.417	ng	# 91
38) Dibenzo(a,h)anthracene	25.53	278	10497	0.396	ng	99
39) Benzo(g,h,i)perylene	26.21	276	10768	0.383	ng	91

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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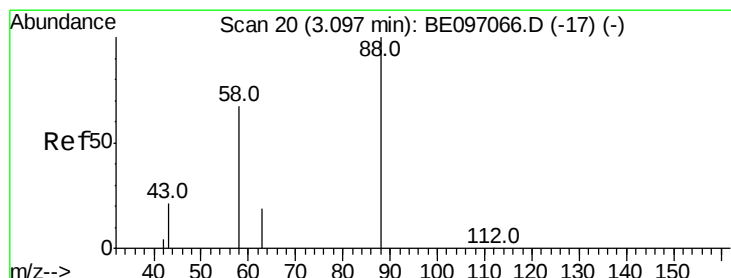
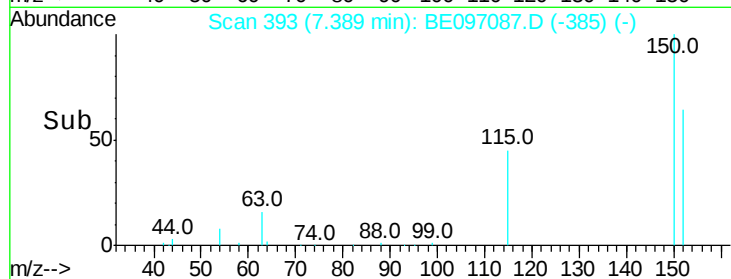
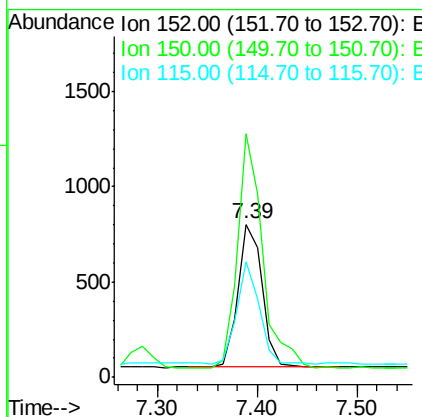
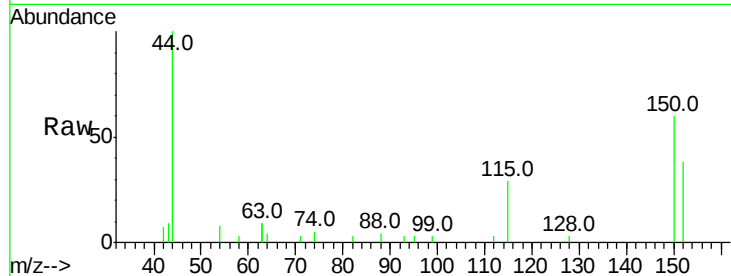




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

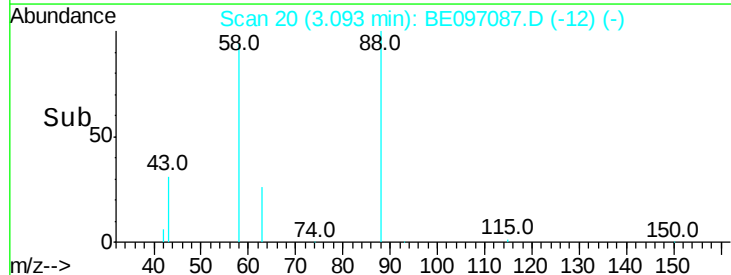
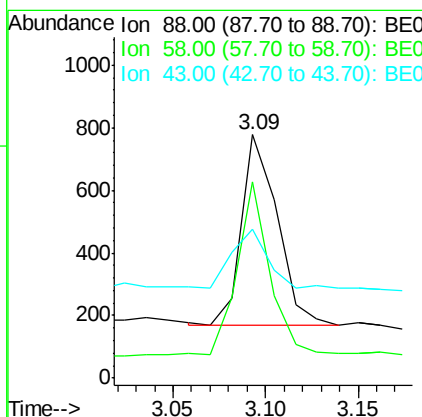
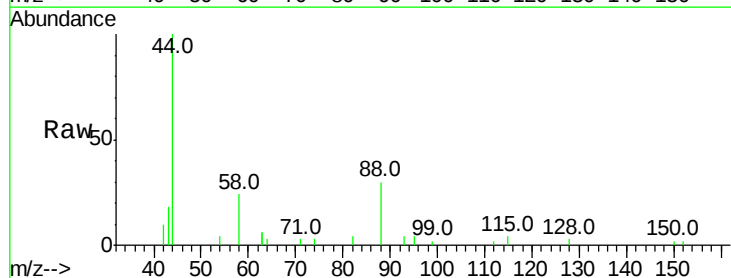
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1262
 Ion Ratio Lower Upper
 152 100
 150 158.8 117.2 175.8
 115 75.4 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.405 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

Tgt Ion: 88 Resp: 813
 Ion Ratio Lower Upper
 88 100
 58 87.0 63.2 94.8
 43 32.7 41.2 61.8#



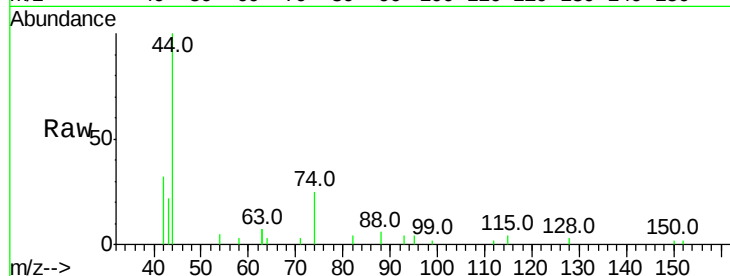


#3

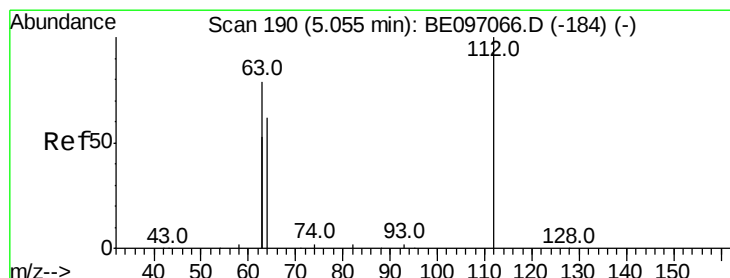
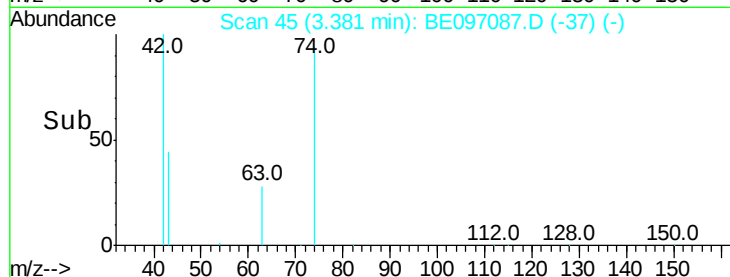
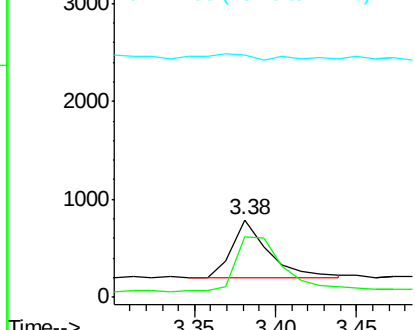
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 884
Ion Ratio Lower Upper
42 100
74 124.9 96.0 144.0
44 14.5 12.0 18.0



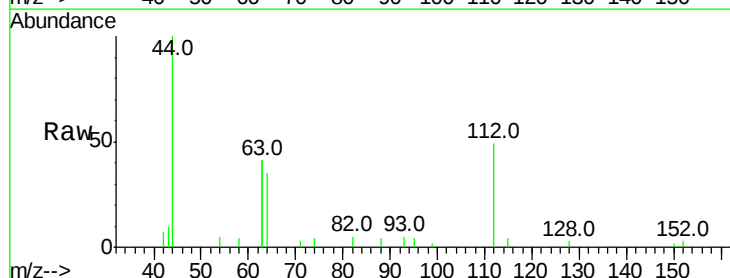
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



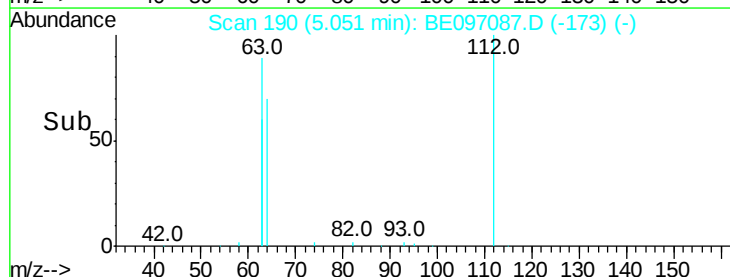
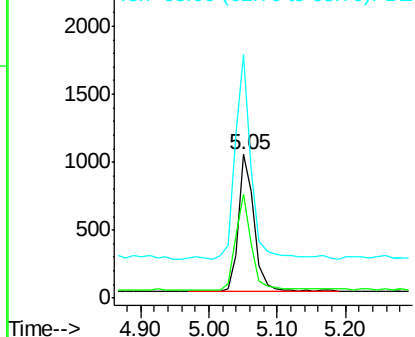
#4

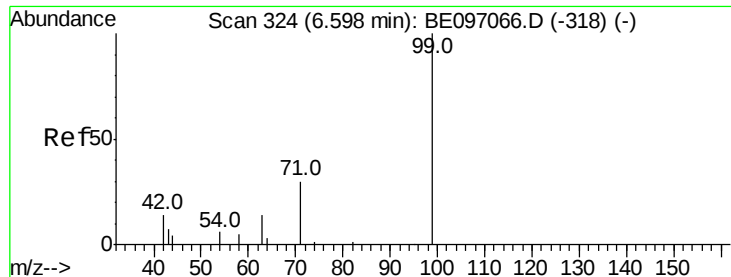
2-Fluorophenol
Concen: 0.462 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion: 112 Resp: 1640
Ion Ratio Lower Upper
112 100
64 68.7 60.1 90.1
63 147.3 116.8 175.2



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: 0.481 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

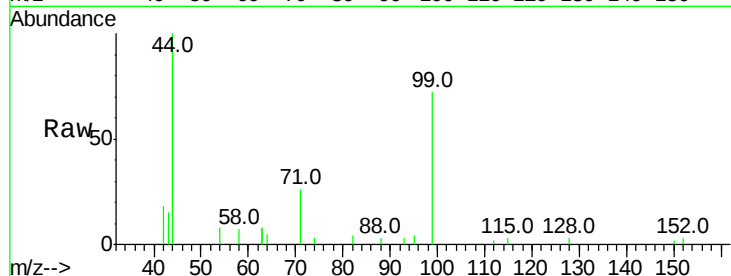
Tot Ion: 99 Resp: 2504

Ion Ratio Lower Upper

99 100

42 22.1 20.2 30.2

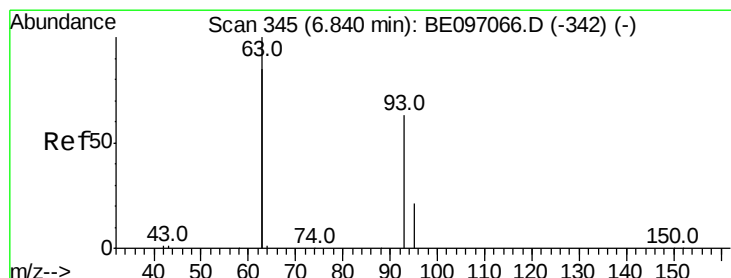
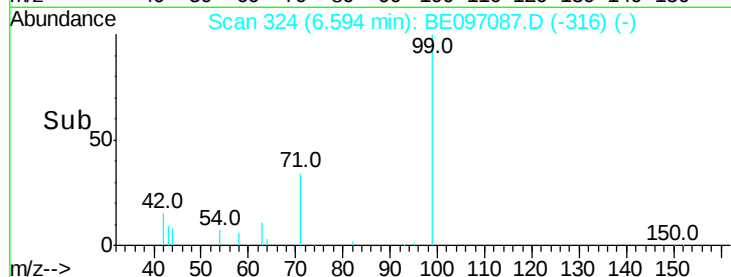
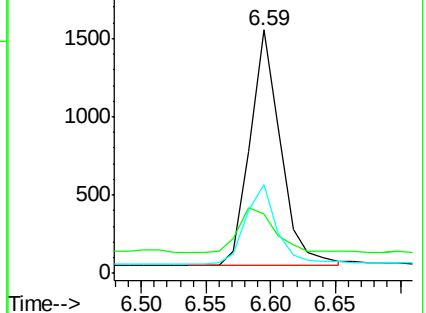
71 34.0 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

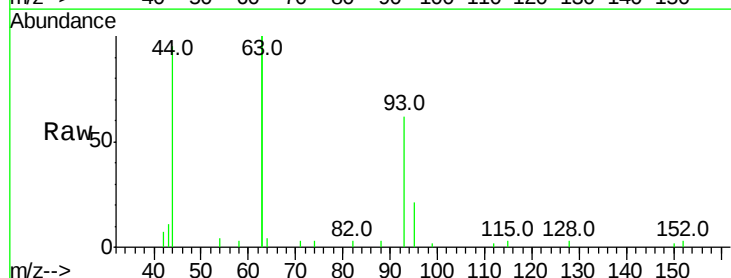
Tgt Ion: 93 Resp: 1970

Ion Ratio Lower Upper

93 100

63 319.0 275.3 412.9

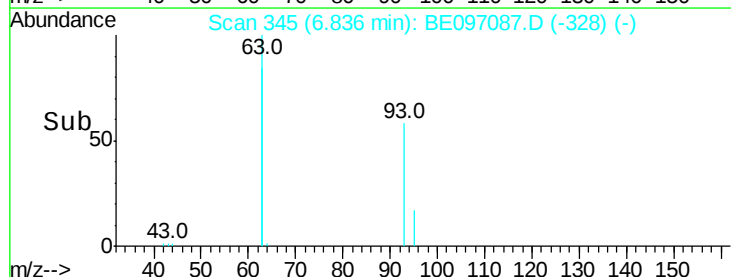
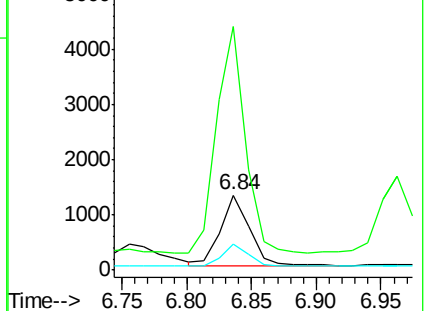
95 31.0 25.2 37.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6431

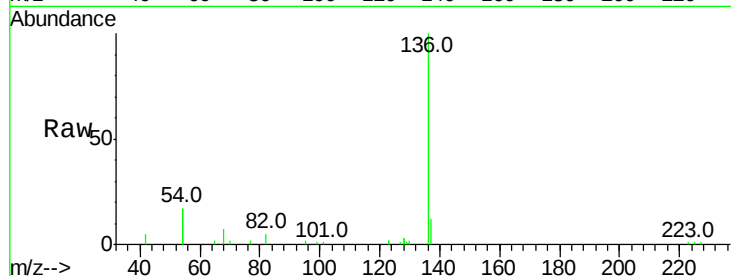
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 34.2 29.1 43.7

68 6.7 6.2 9.2

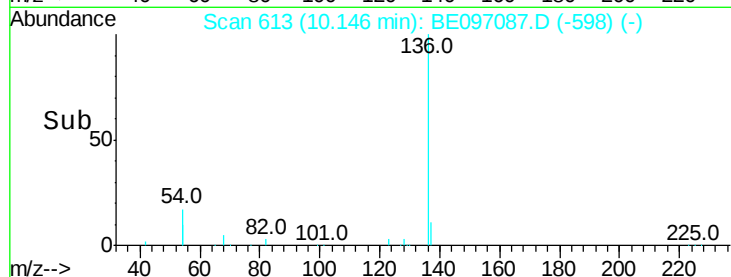


Abundance Ion 136.00 (135.70 to 136.70): E

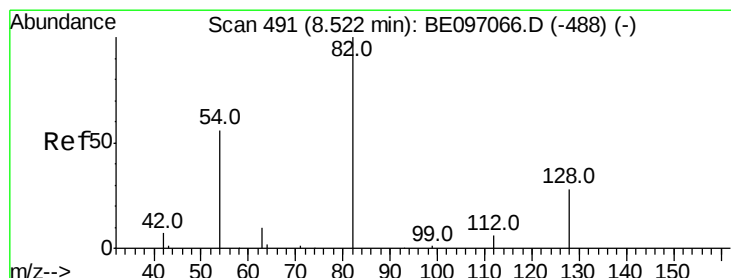
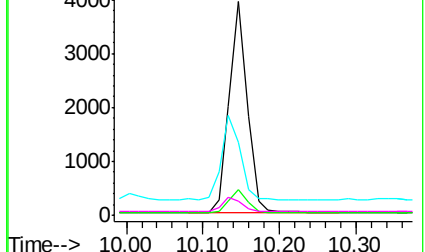
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

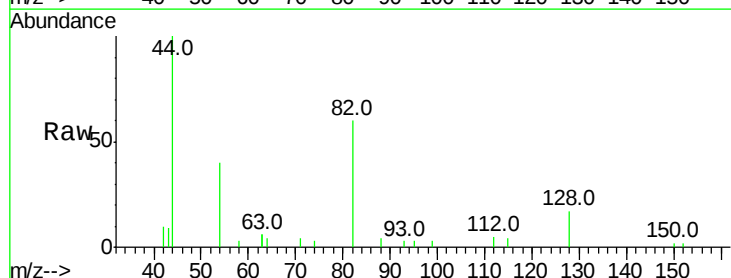
Tgt Ion: 82 Resp: 2349

Ion Ratio Lower Upper

82 100

128 28.1 24.0 36.0

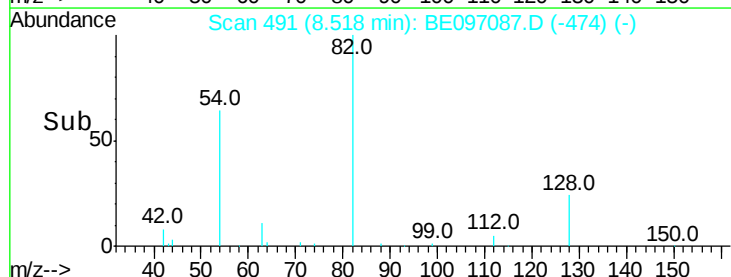
54 67.3 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE0

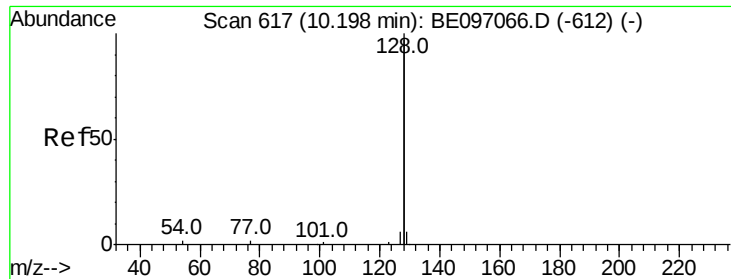
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.402 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

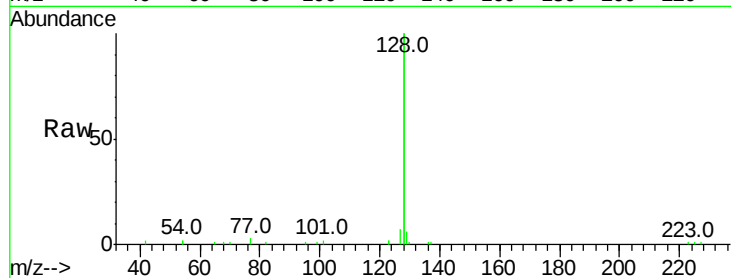
Tot Ion:128 Resp: 23180

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

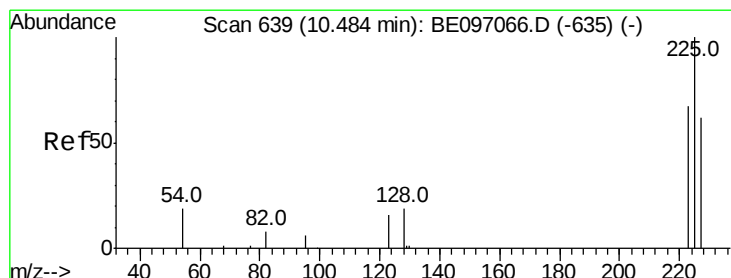
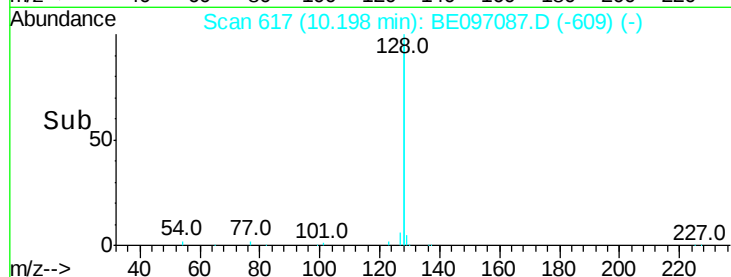
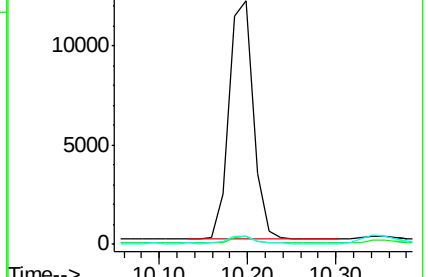
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.384 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

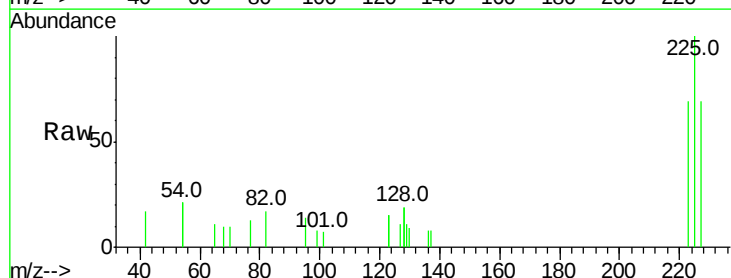
Tgt Ion:225 Resp: 992

Ion Ratio Lower Upper

225 100

223 64.6 53.0 79.6

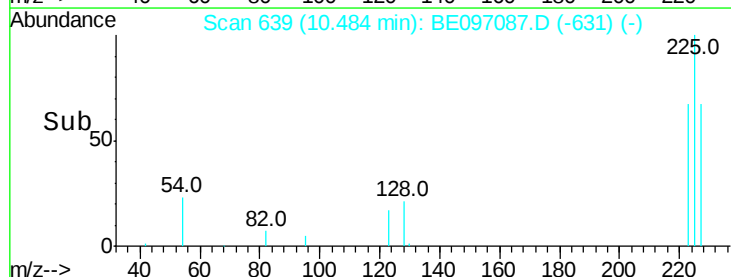
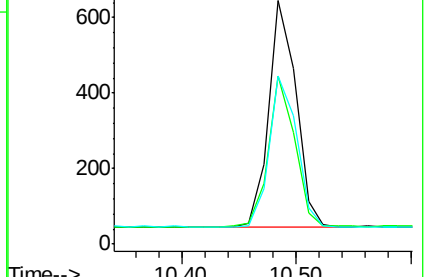
227 67.2 51.4 77.2



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: 0.398 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

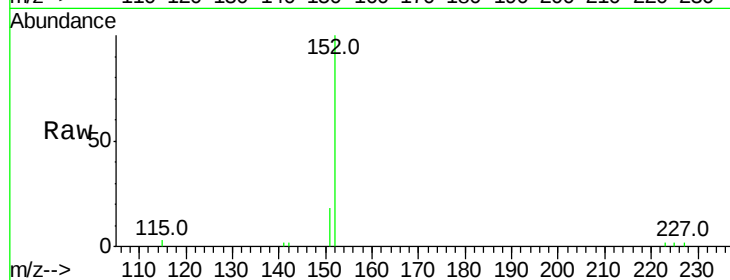
ClientSampleId :

Tot Ion:152 Resp: 3832

Ion Ratio Lower Upper

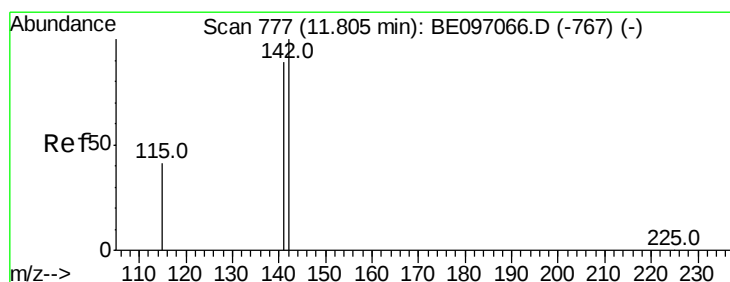
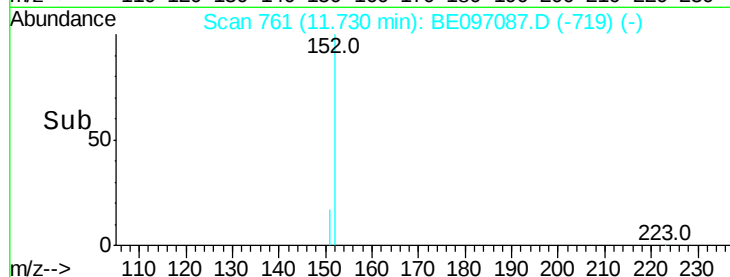
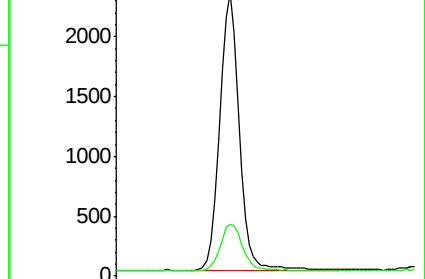
152 100

151 18.6 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: 0.410 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

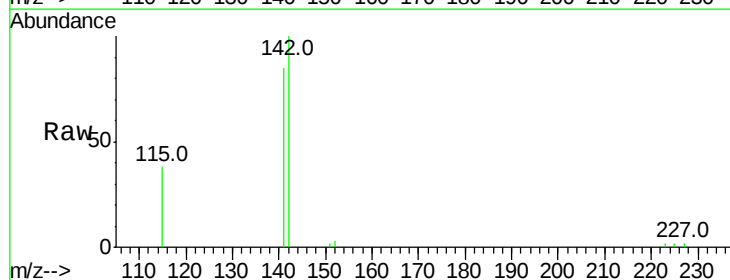
Tgt Ion:142 Resp: 4061

Ion Ratio Lower Upper

142 100

141 85.4 70.4 105.6

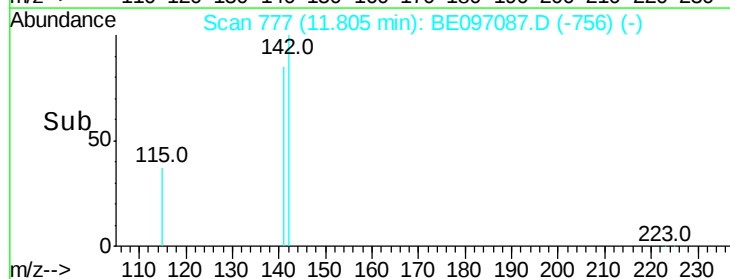
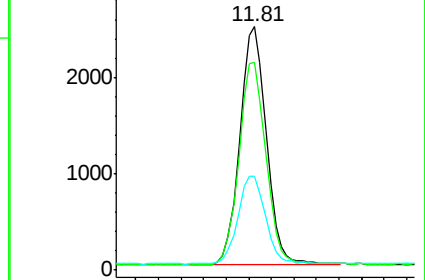
115 38.4 31.7 47.5



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: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

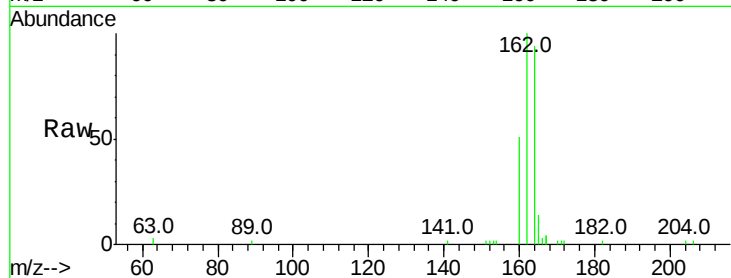
Tot Ion:164 Resp: 4215

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

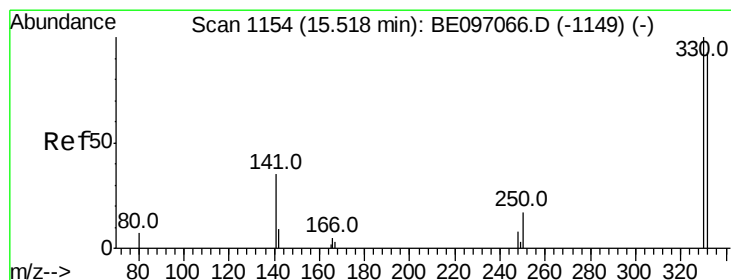
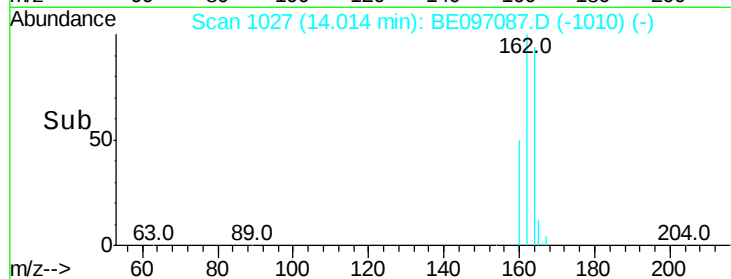
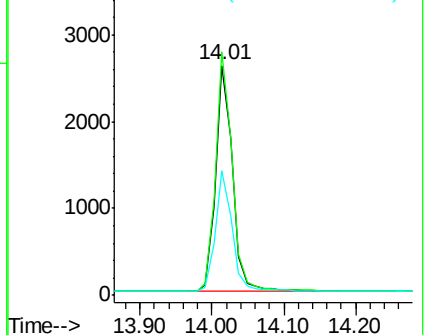
160 54.1 37.1 55.7



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: 0.471 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

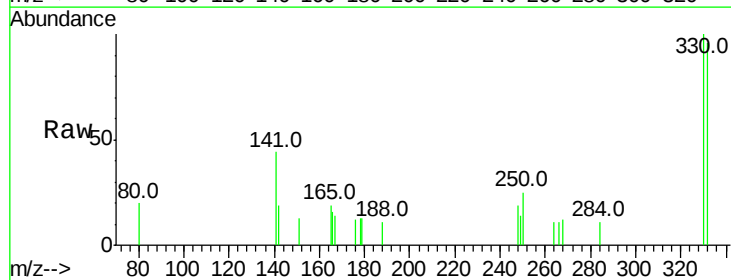
Tgt Ion:330 Resp: 653

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

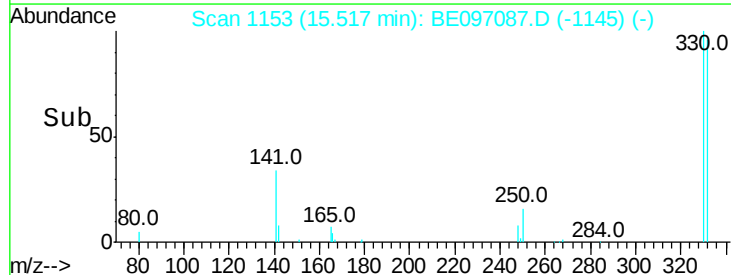
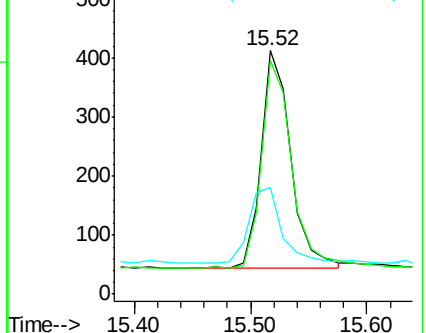
141 39.7 33.7 50.5

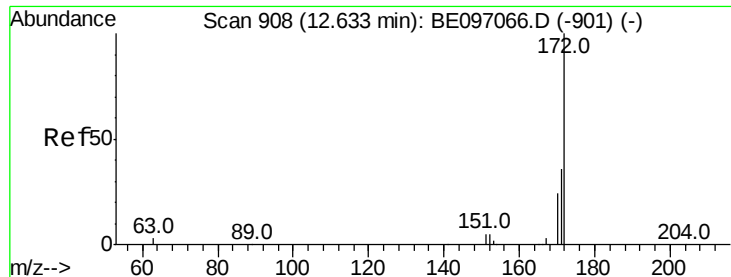


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

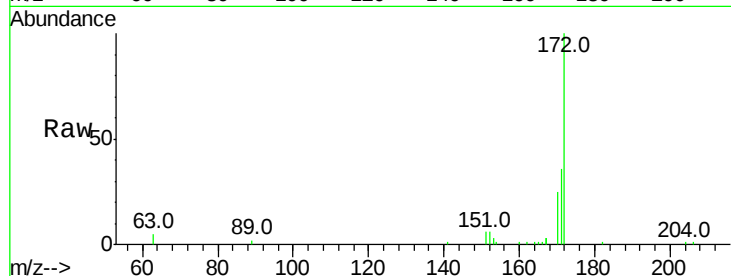




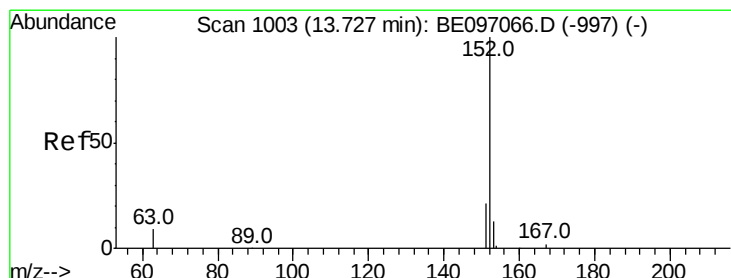
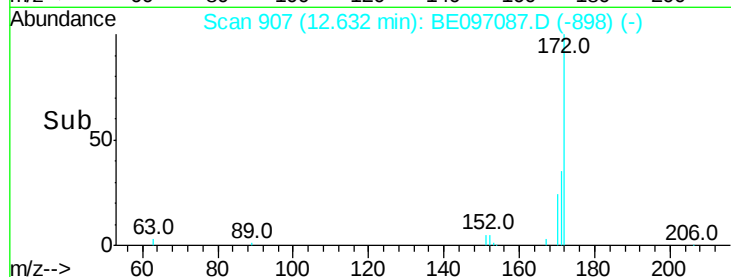
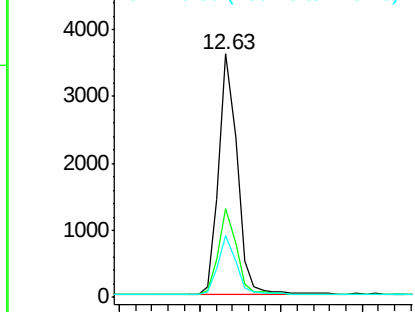
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5743
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 25.4 21.8 32.8

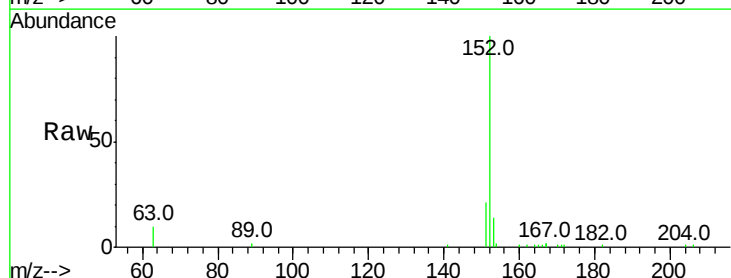


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

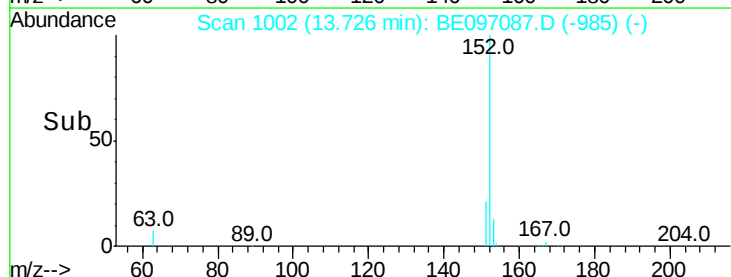
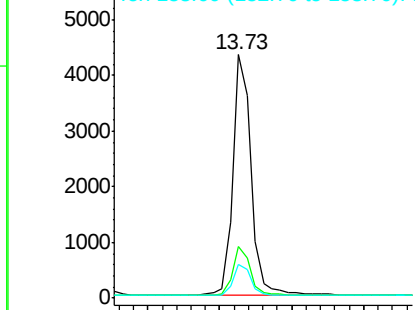


#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:152 Resp: 7573
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 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: 0.400 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

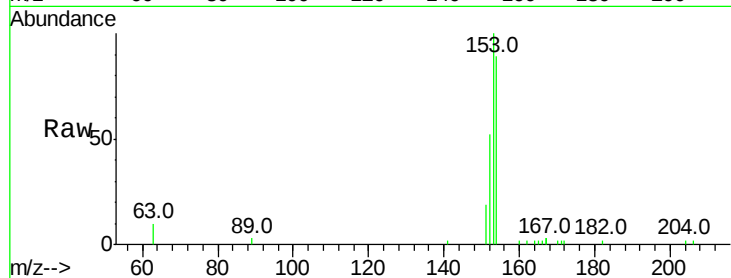
Tot Ion:154 Resp: 4400

Ion Ratio Lower Upper

154 100

153 116.7 89.2 133.8

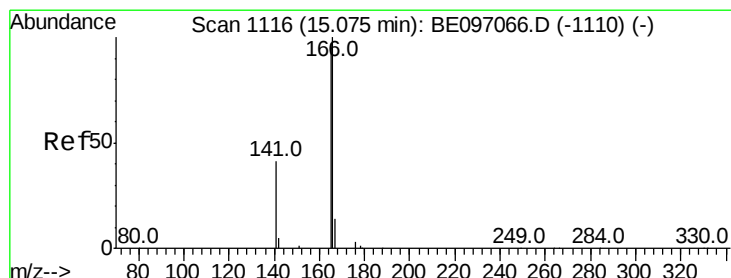
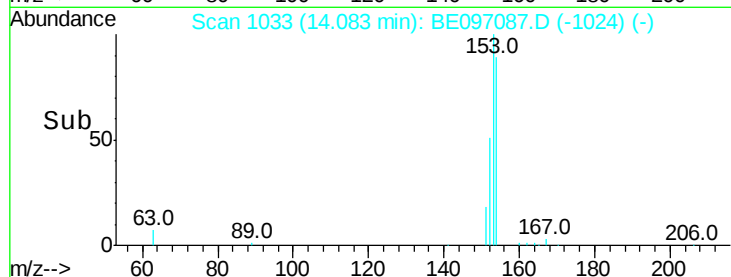
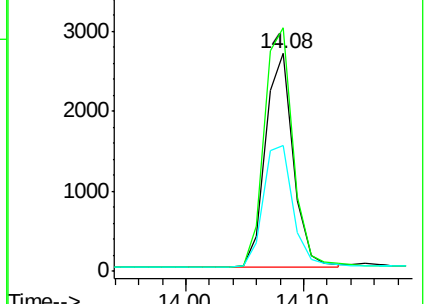
152 61.2 42.0 63.0



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: 0.407 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

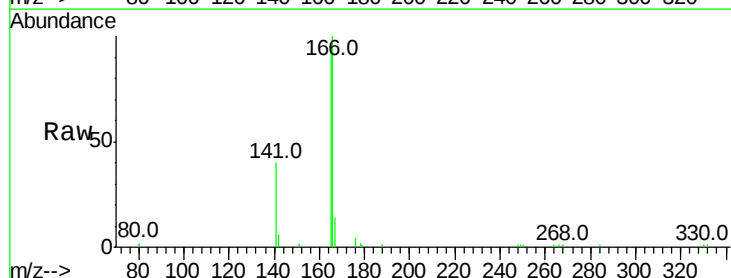
Tgt Ion:166 Resp: 5915

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.6

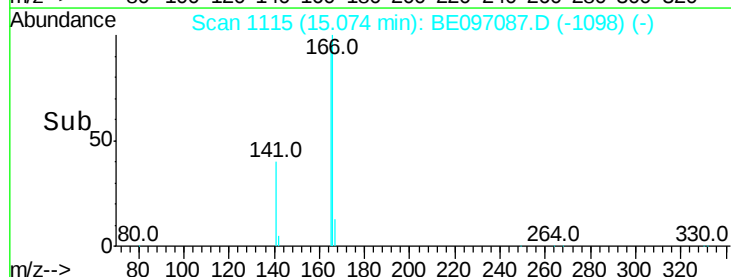
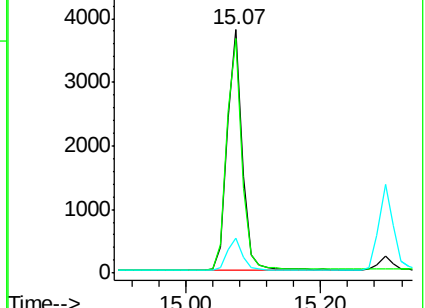
167 13.3 42.4 63.6#



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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

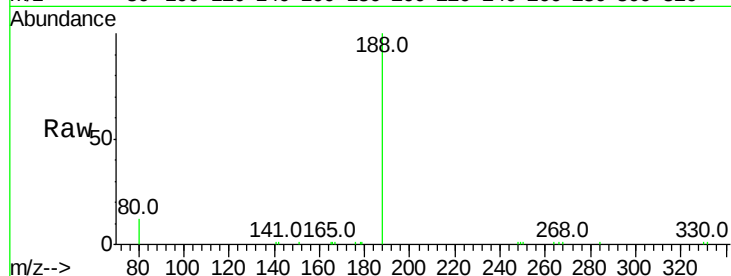
Tot Ion:188 Resp: 11542

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

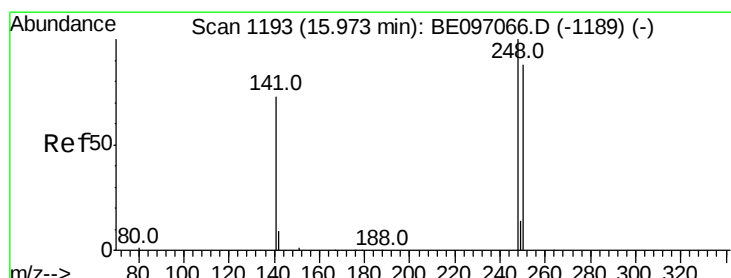
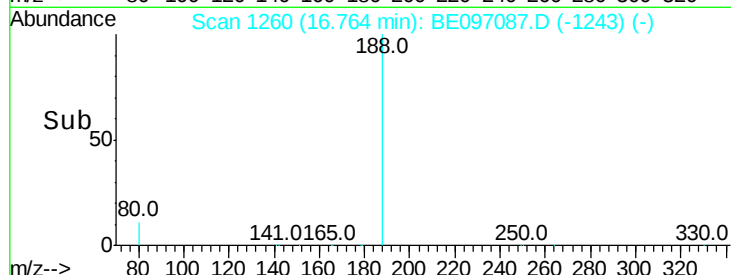
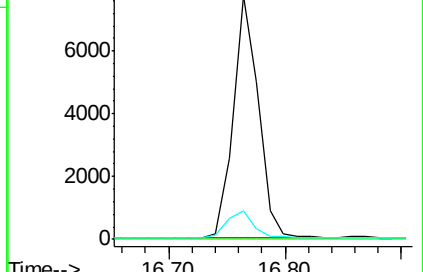
80 11.7 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

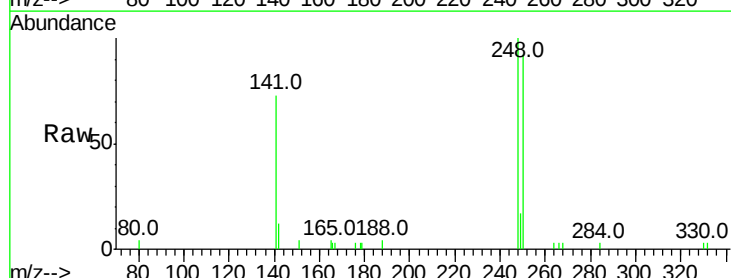
Tgt Ion:248 Resp: 2222

Ion Ratio Lower Upper

248 100

250 92.2 62.7 94.1

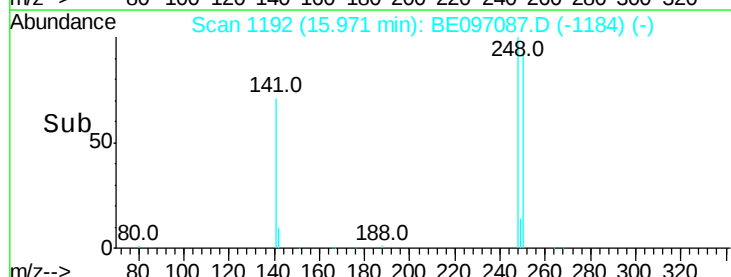
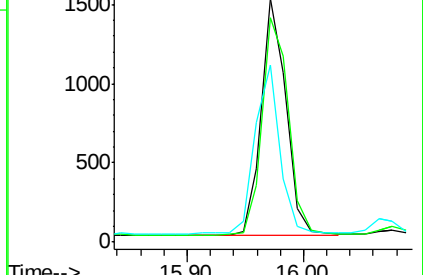
141 72.7 48.2 72.2#



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: 0.385 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097087.D

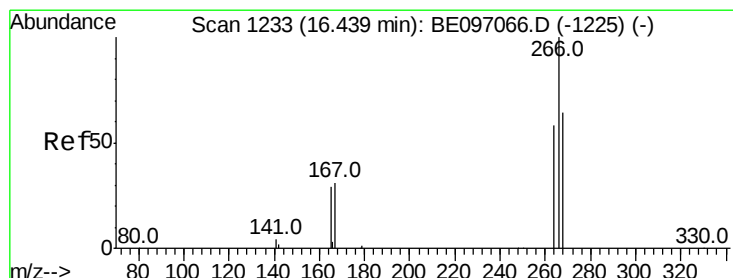
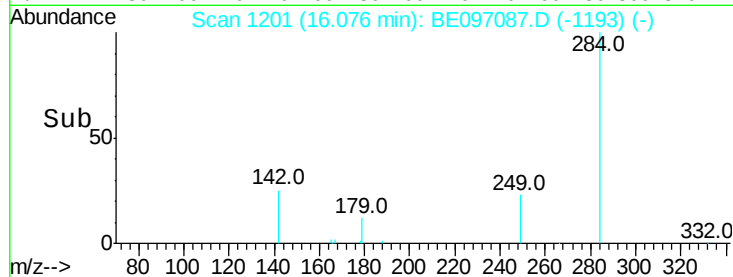
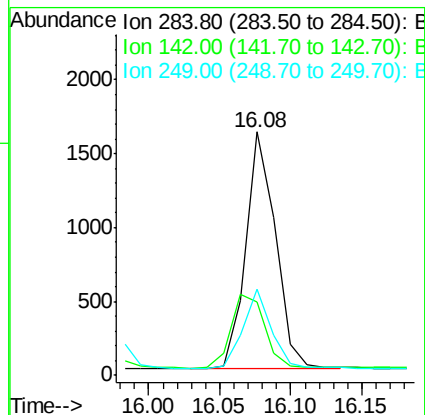
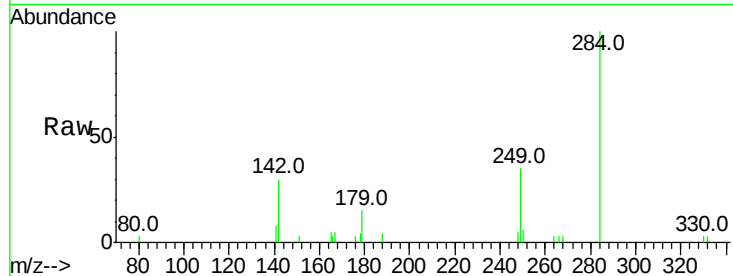
Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampled :

Tot Ion:284	Resp:	2319
Ion Ratio	Lower	Upper
284	100	
142	35.4	22.1 33.1#
249	31.4	34.8 52.2#



#22

Pentachlorophenol

Concen: 0.451 ng

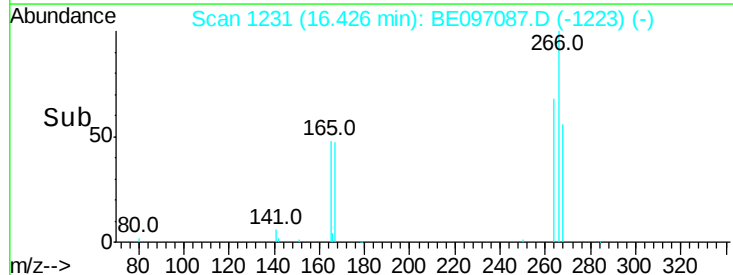
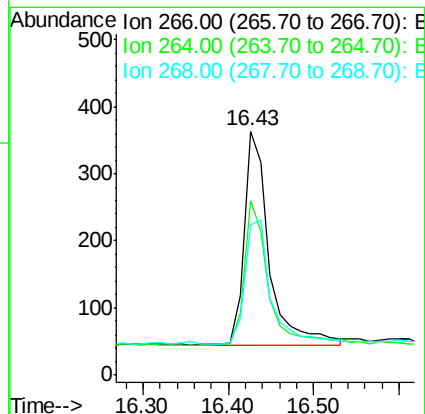
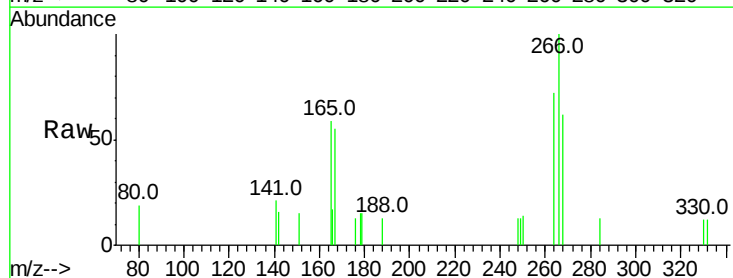
RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Tgt Ion:266	Resp:	644
Ion Ratio	Lower	Upper
266	100	
264	71.6	72.5 108.7#
268	61.7	73.8 110.6#





#23

Phenanthrene

Concen: 0.396 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampled :

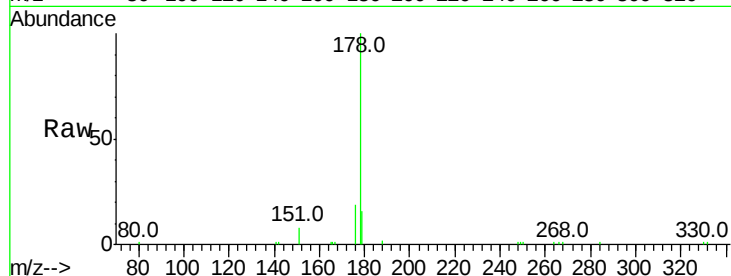
Tot Ion:178 Resp: 10888

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

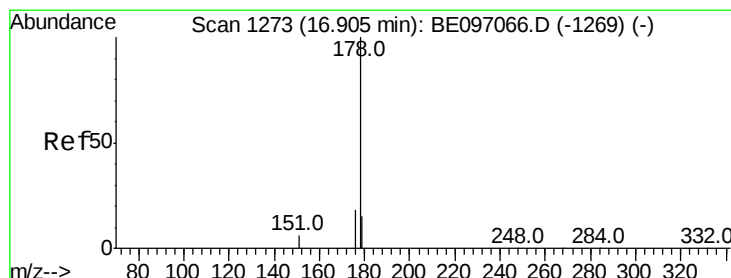
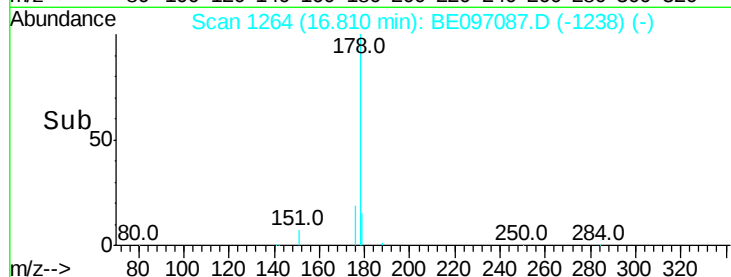
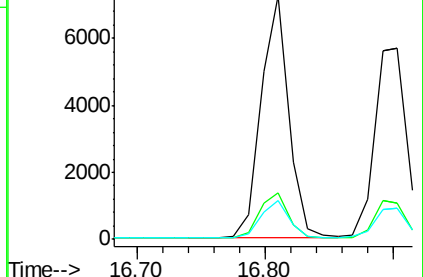
179 15.2 11.8 17.6



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: 0.404 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

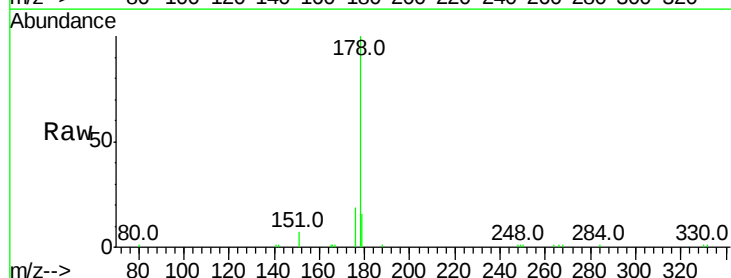
Tgt Ion:178 Resp: 9947

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

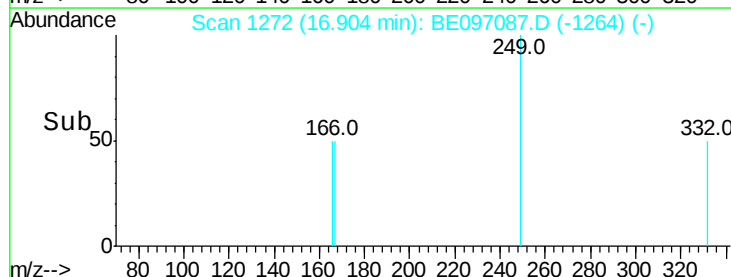
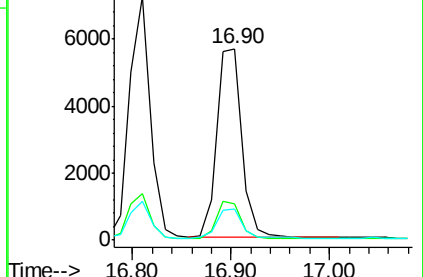
179 15.4 13.0 19.6



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: 0.407 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097087.D

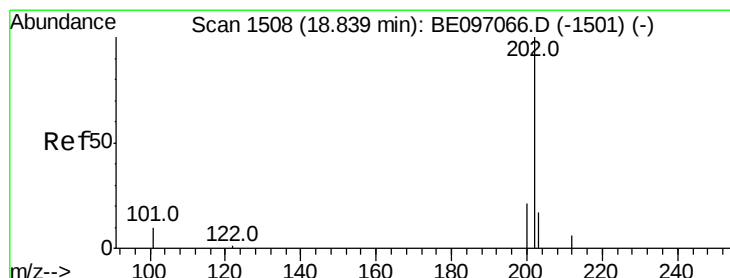
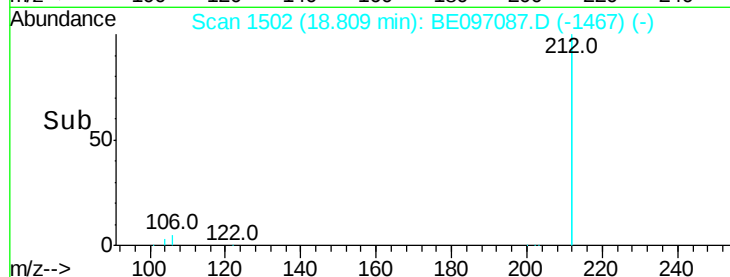
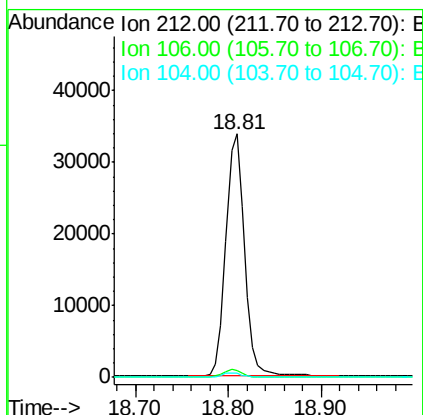
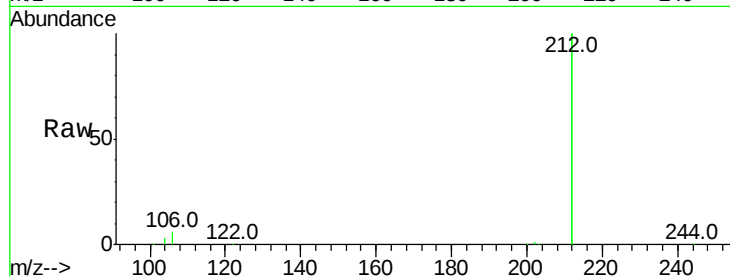
Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	46969
Ion Ratio	Lower	Upper
212	100	
106	3.1	2.8 4.2
104	1.7	1.6 2.4



#26

Fluoranthene

Concen: 0.403 ng

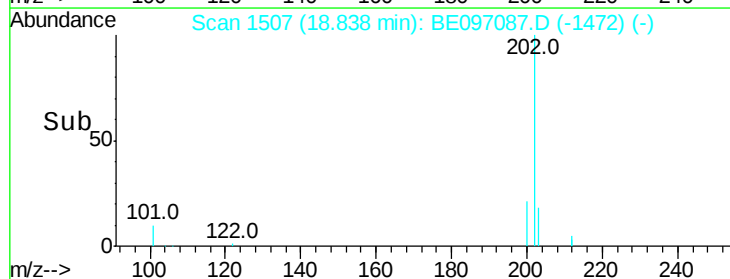
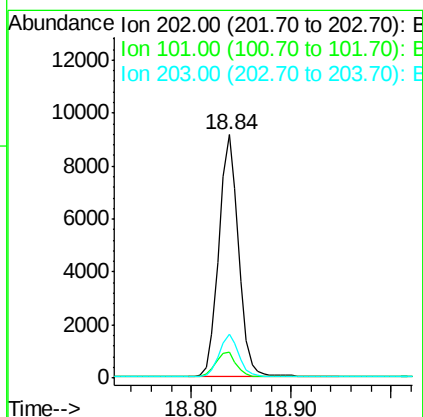
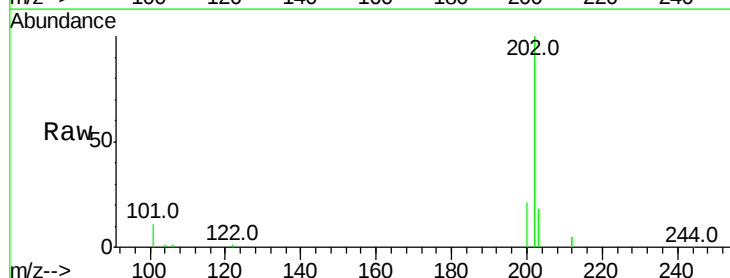
RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Tgt Ion:202	Resp:	12453
Ion Ratio	Lower	Upper
202	100	
101	11.0	9.8 14.8
203	17.4	13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampled :

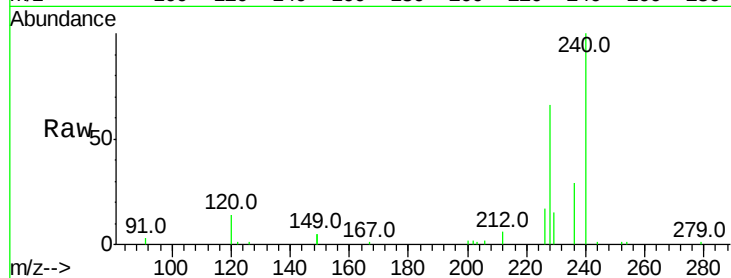
Tot Ion:240 Resp: 11429

Ion Ratio Lower Upper

240 100

120 14.1 5.5 8.3#

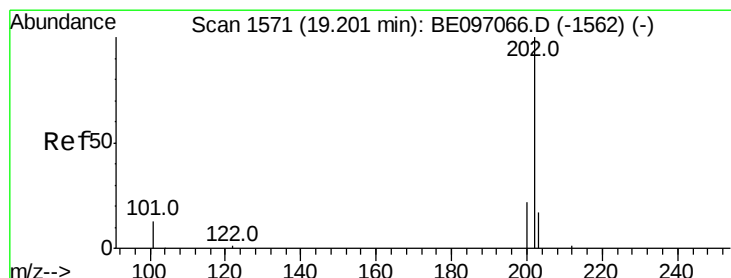
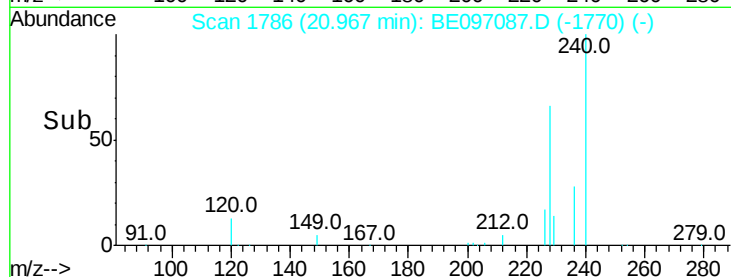
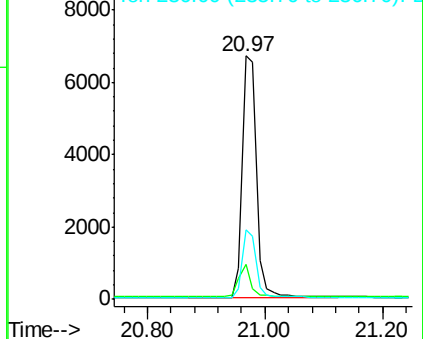
236 28.8 20.7 31.1



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: 0.409 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

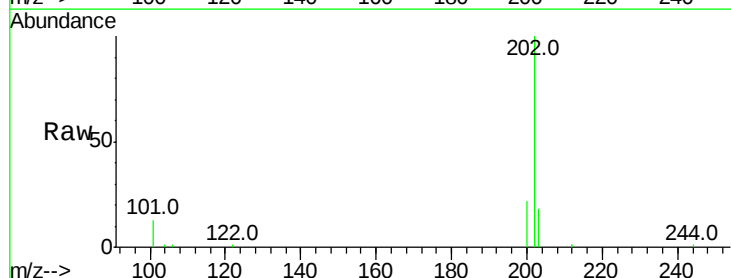
Tgt Ion:202 Resp: 12823

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

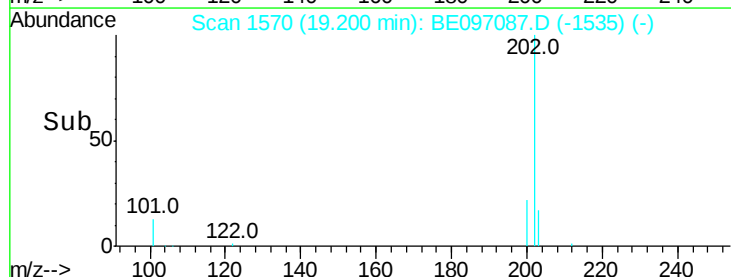
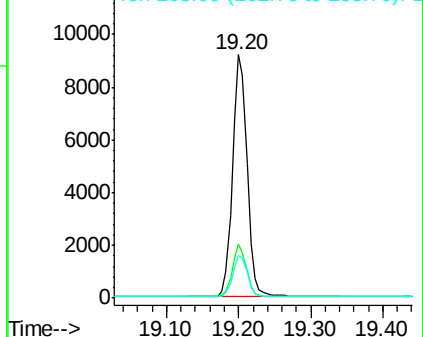
203 17.5 13.8 20.8

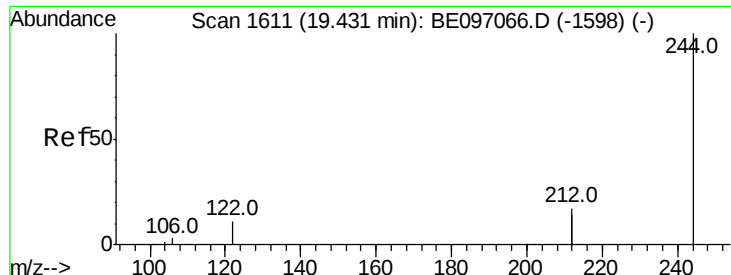


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

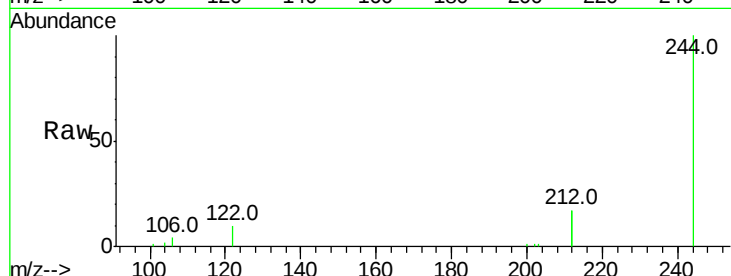
Tot Ion:244 Resp: 8834

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

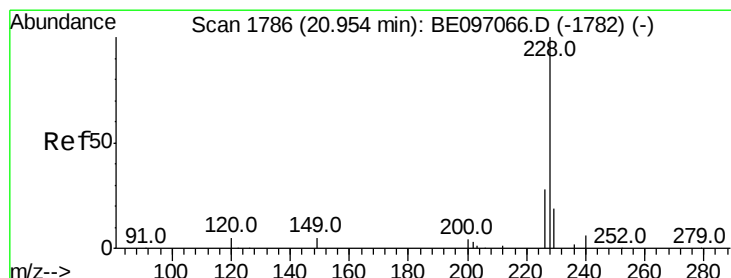
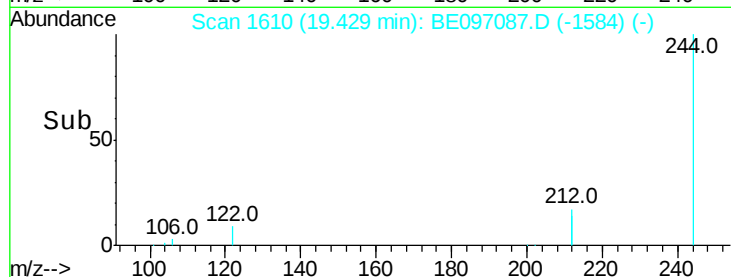
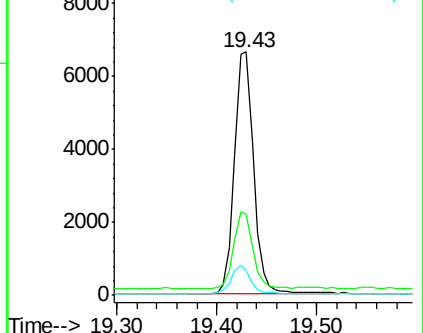
122 9.9 8.1 12.1



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: 0.421 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

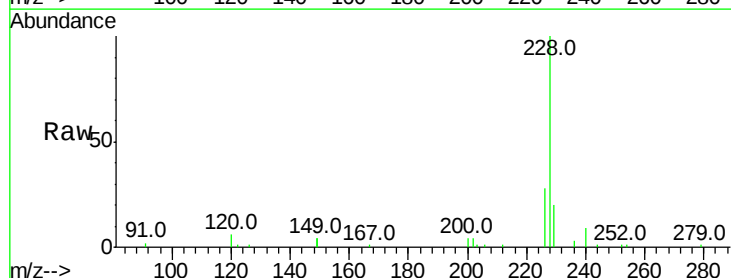
Tgt Ion:228 Resp: 11977

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

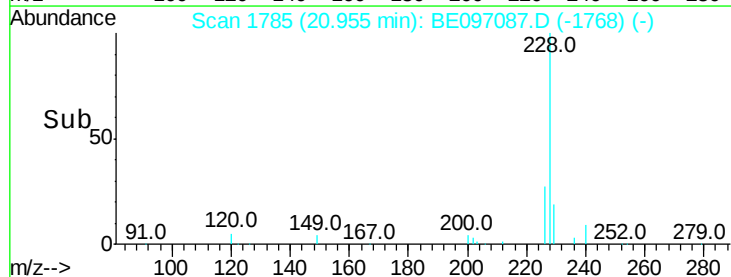
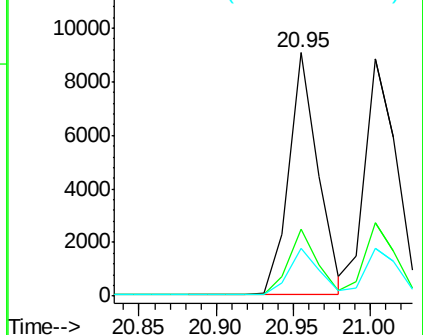
229 19.7 16.0 24.0



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: 0.408 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

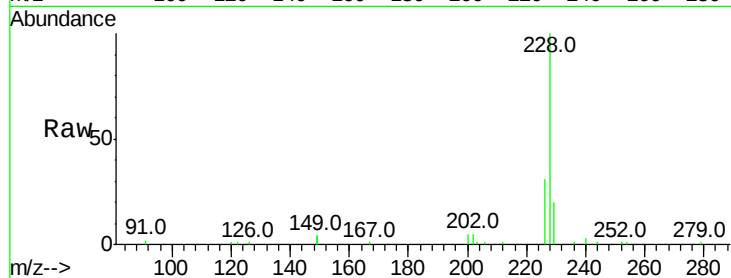
Tot Ion:228 Resp: 12443

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

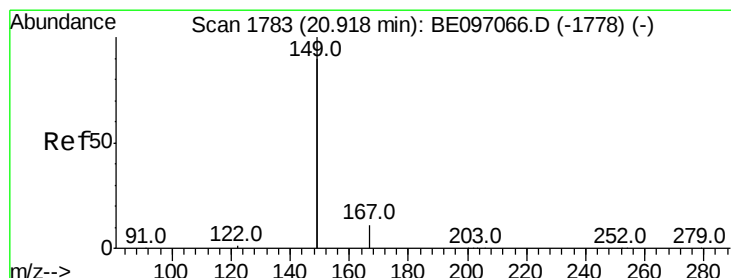
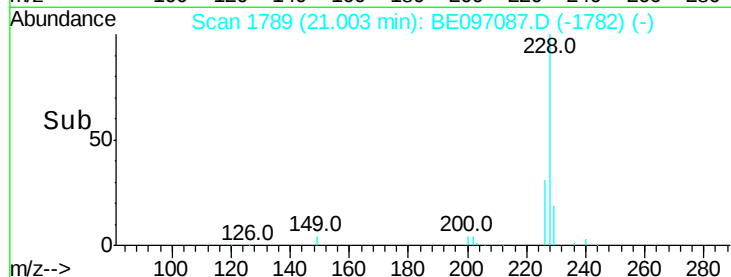
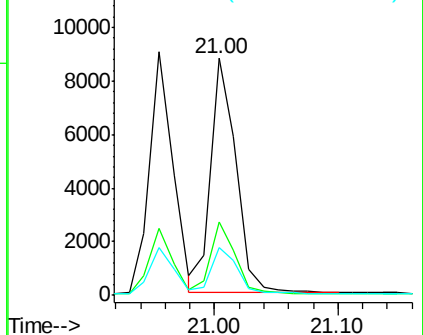
229 20.1 16.0 24.0



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: 0.743 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

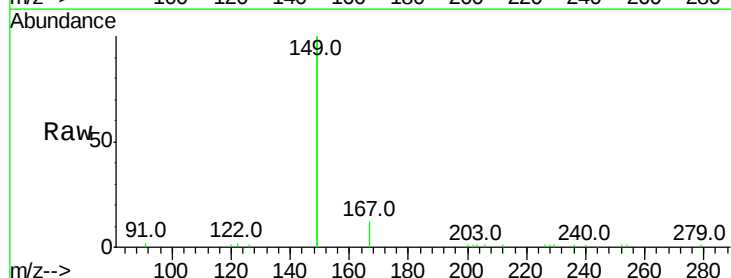
Tgt Ion:149 Resp: 23366

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

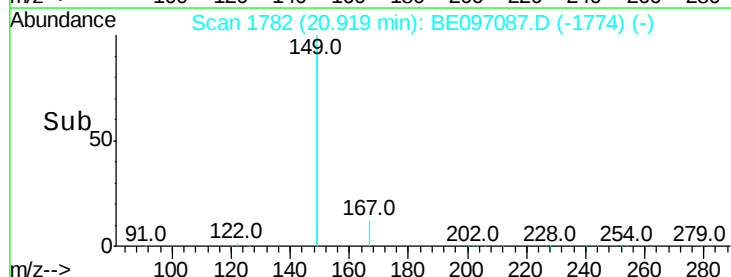
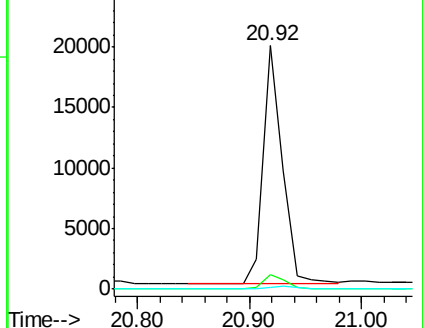
279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.448 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.00 min

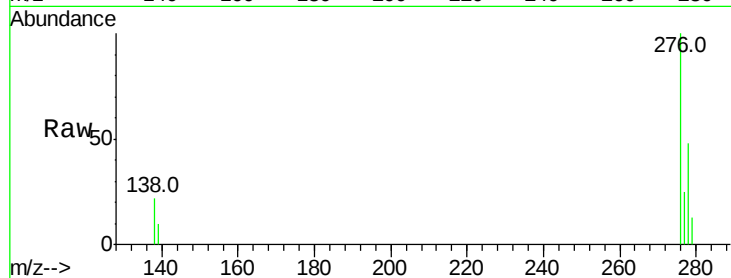
Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

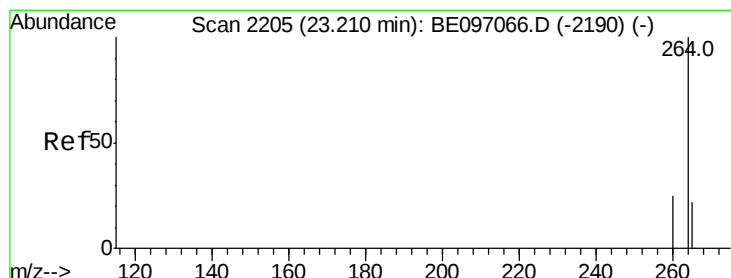
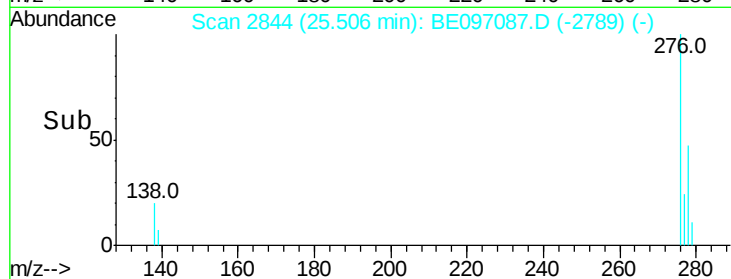
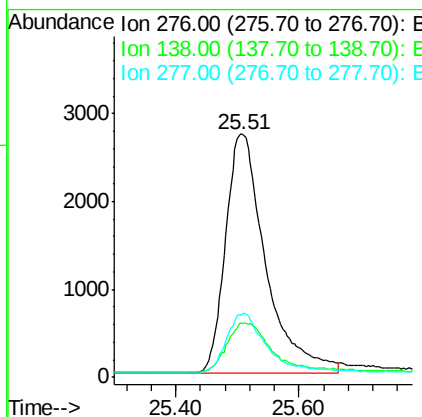
Instrument :

BNA_E

ClientSampleId :



Tot Ion:276	Resp:	12370
Ion	Ratio	Lower Upper
276	100	
138	22.2	22.5 33.7#
277	24.1	19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

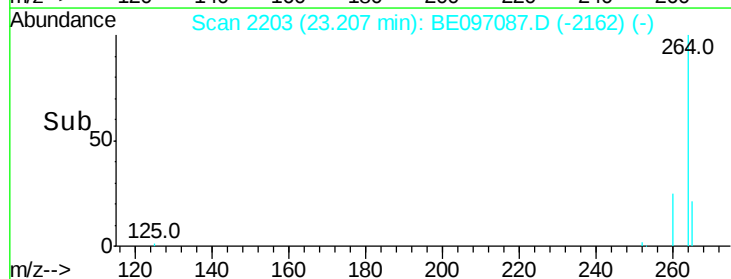
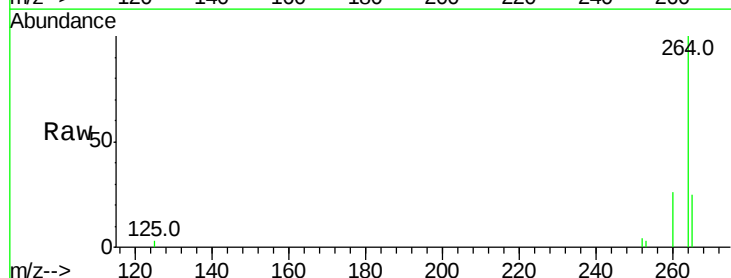
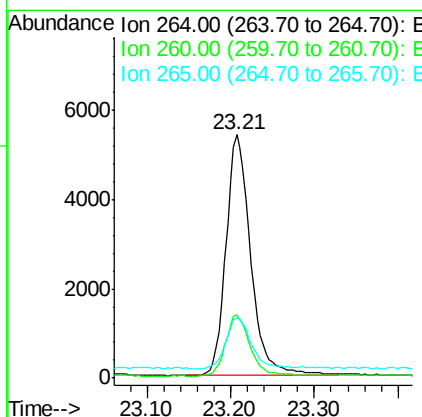
RT: 23.21 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Tgt Ion:264	Resp:	11109
Ion	Ratio	Lower Upper
264	100	
260	25.9	20.5 30.7
265	25.0	22.8 34.2

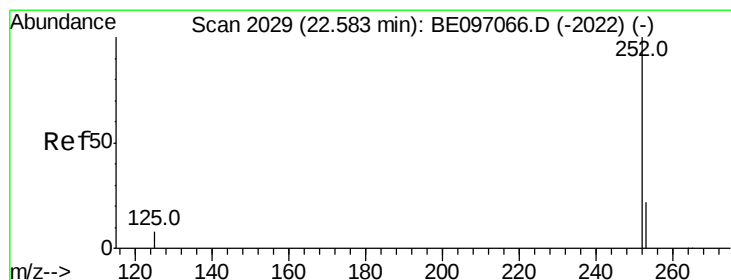
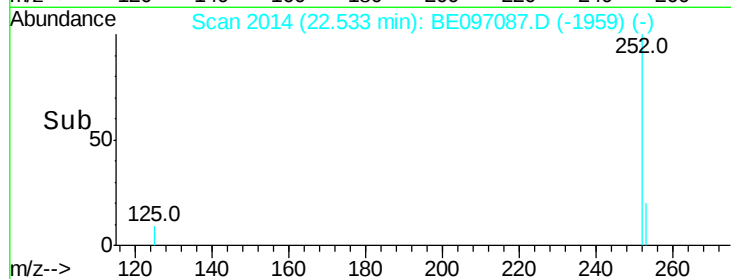
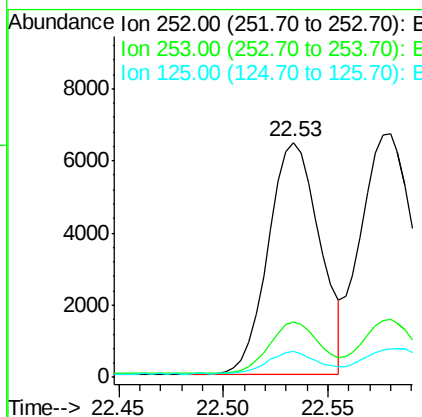
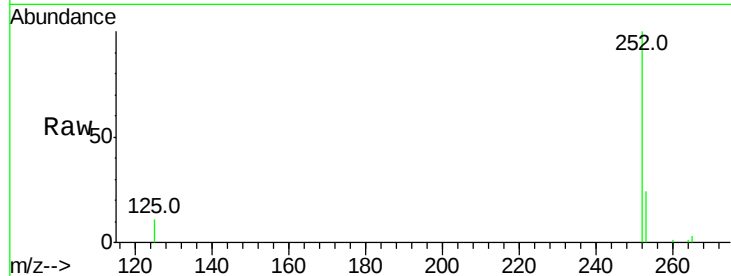




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

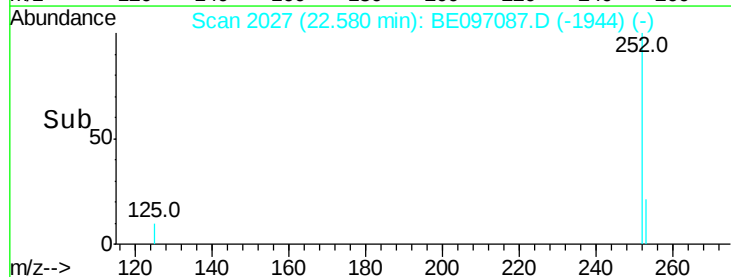
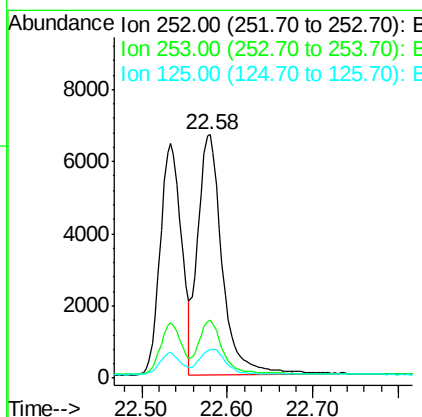
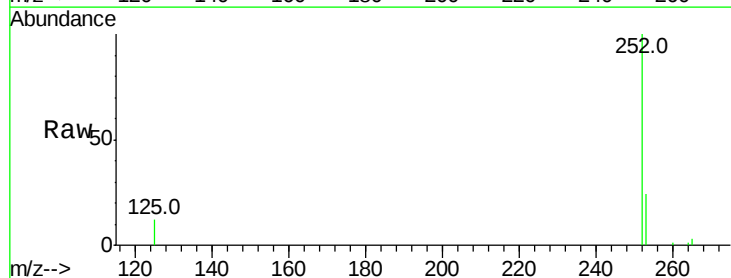
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 11038
Ion Ratio Lower Upper
252 100
253 23.6 20.0 30.0
125 10.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:252 Resp: 13148
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 11.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

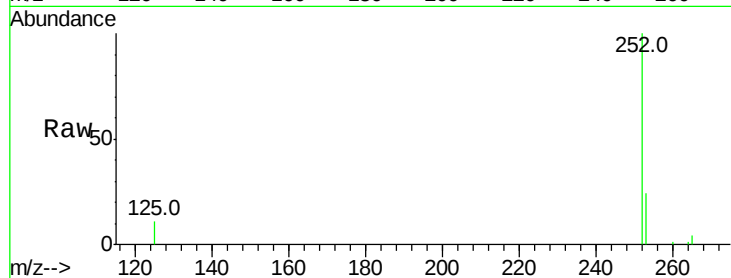
Tot Ion:252 Resp: 11060

Ion Ratio Lower Upper

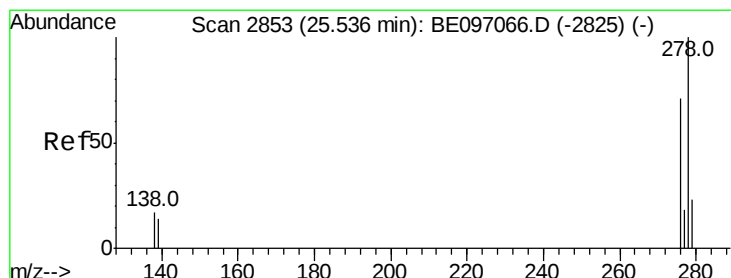
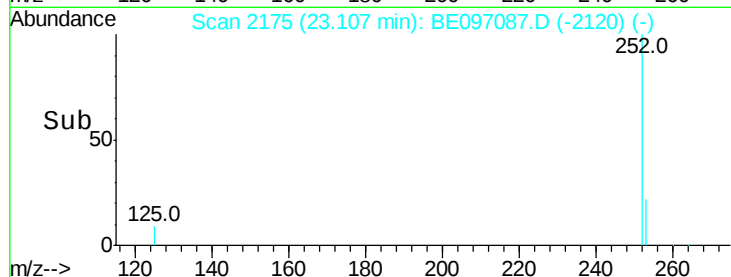
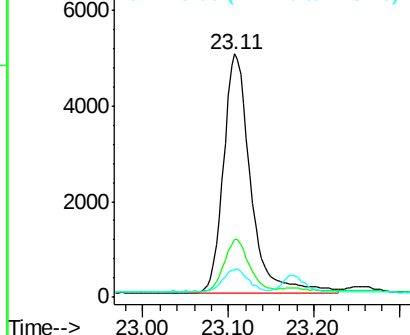
252 100

253 24.0 16.0 24.0

125 11.3 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: 0.396 ng

RT: 25.53 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

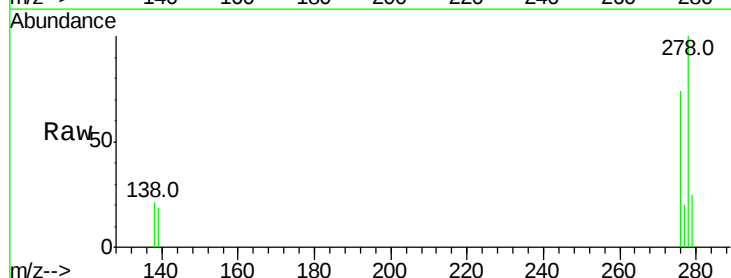
Tgt Ion:278 Resp: 10497

Ion Ratio Lower Upper

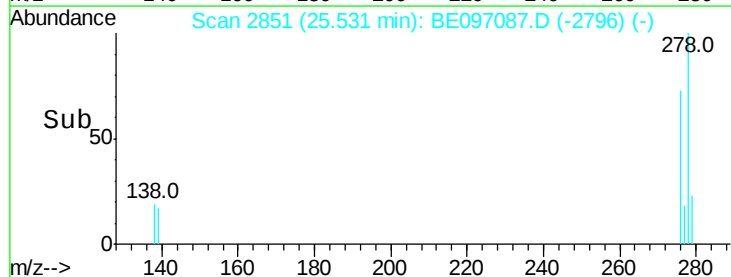
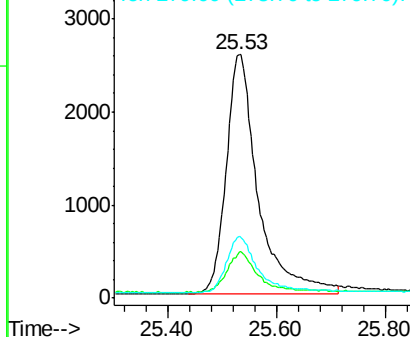
278 100

139 19.0 16.0 24.0

279 25.2 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: 0.383 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

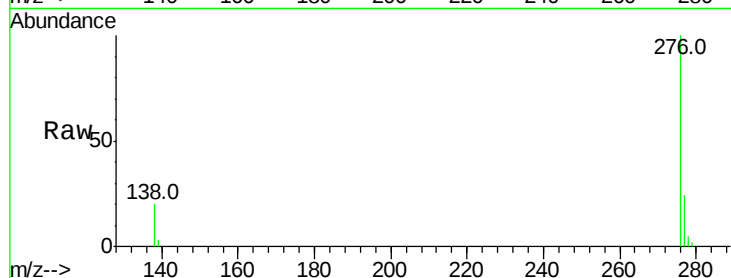
Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 10768

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 20.2 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

