

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097048.D
 Acq On : 23 Jul 2018 22:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 24 01:14:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1545	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7590	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4714	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	12991	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12624	0.40	ng	0.00
34) Perylene-d12	23.21	264	12122	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1799	0.49	ng	0.00
5) Phenol-d6	6.60	99	2618	0.46	ng	0.00
8) Nitrobenzene-d5	8.53	82	2613	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4366	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	638	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6405	0.37	ng	0.00
25) Fluoranthene-d10	18.81	212	51308	0.45	ng	0.00
29) Terphenyl-d14	19.43	244	9698	0.40	ng	0.00

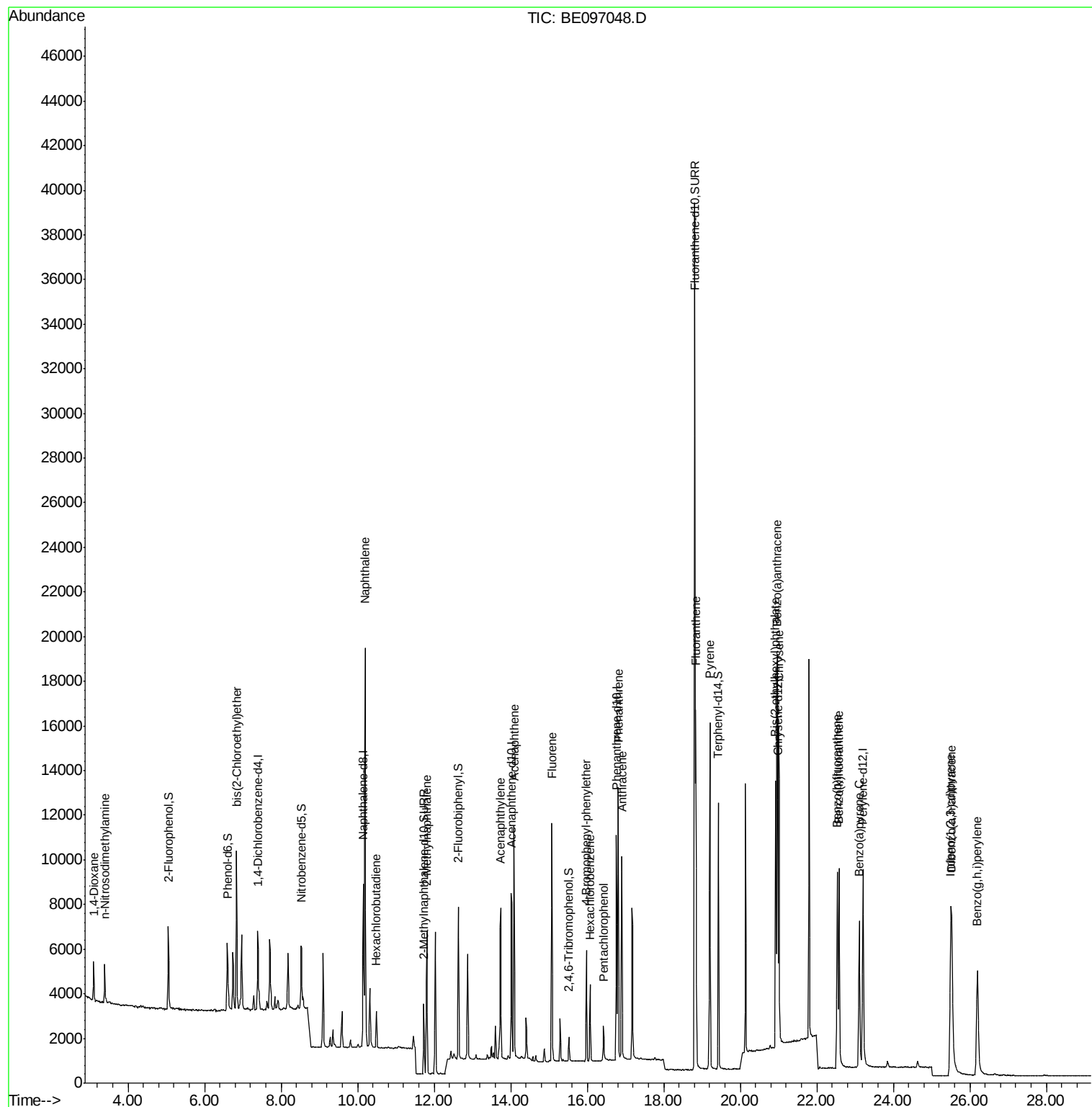
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1030	0.466	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	1133	0.455	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	2231	0.403	ng	98
9) Naphthalene	10.20	128	27387	0.403	ng	100
10) Hexachlorobutadiene	10.48	225	1228	0.447	ng	98
12) 2-Methylnaphthalene	11.81	142	4548	0.395	ng	99
16) Acenaphthylene	13.74	152	8166	0.379	ng	100
17) Acenaphthene	14.08	154	4901	0.366	ng	94
18) Fluorene	15.08	166	6310	0.420	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	2388	0.389	ng	# 86
21) Hexachlorobenzene	16.08	284	2591	0.380	ng	# 83
22) Pentachlorophenol	16.43	266	855	0.750	ng	# 75
23) Phenanthrene	16.81	178	12466	0.401	ng	99
24) Anthracene	16.91	178	10837	0.400	ng	96
26) Fluoranthene	18.84	202	13909	0.424	ng	98
28) Pyrene	19.20	202	13998	0.376	ng	99
30) Benzo(a)anthracene	20.95	228	12348	0.411	ng	97
31) Chrysene	21.00	228	13614	0.404	ng	97
32) Bis(2-ethylhexyl)phthalate	20.92	149	15990	0.533	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	13475	0.549	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	11056	0.357	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	12970	0.352	ng	95
37) Benzo(a)pyrene	23.11	252	10672	0.404	ng	93
38) Dibenzo(a,h)anthracene	25.53	278	11233	0.489	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	11848	0.471	ng	# 91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097048.D
Acq On : 23 Jul 2018 22:51
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 24 01:14:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 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: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

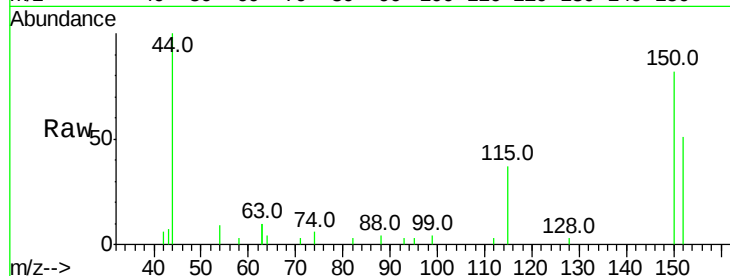
Tot Ion:152 Resp: 1545

Ion Ratio Lower Upper

152 100

150 161.4 117.2 175.8

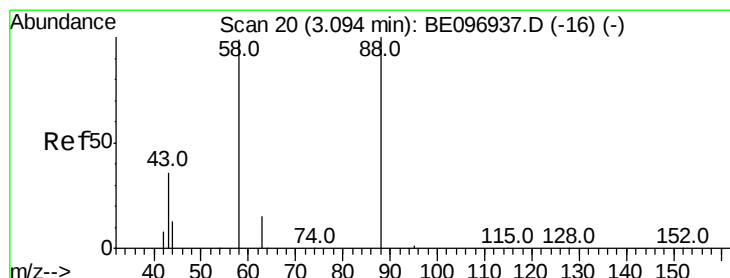
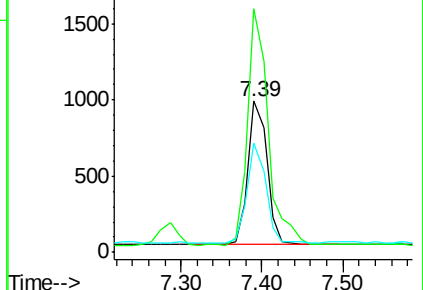
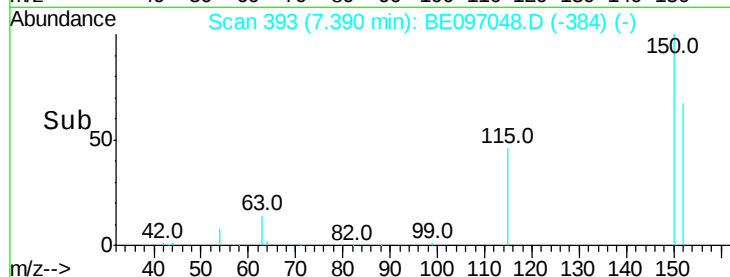
115 72.4 57.0 85.6



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: 0.466 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

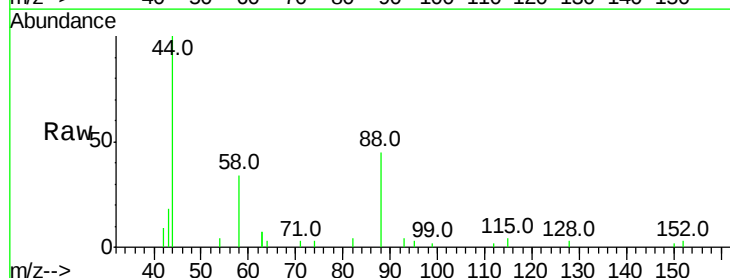
Tgt Ion: 88 Resp: 1030

Ion Ratio Lower Upper

88 100

58 81.7 63.2 94.8

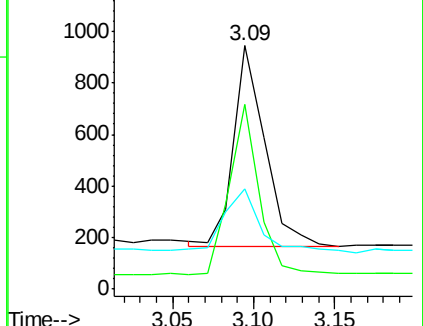
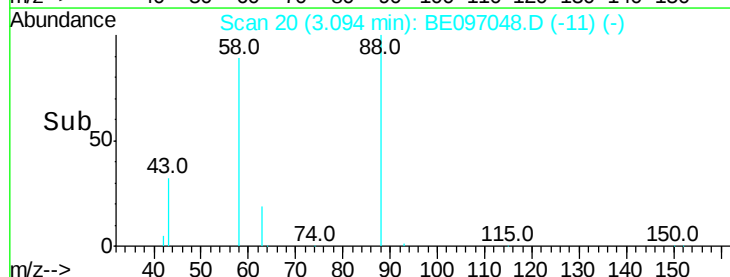
43 34.3 41.2 61.8#



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: 0.455 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

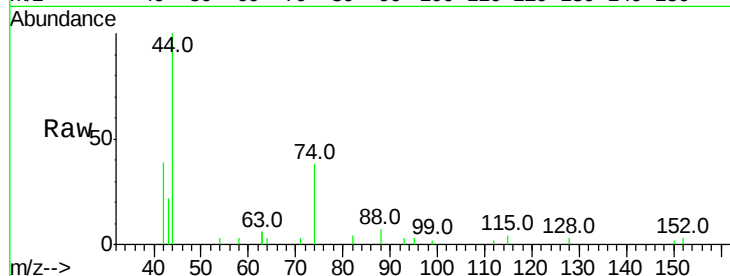
Tot Ion: 42 Resp: 1133

Ion Ratio Lower Upper

42 100

74 112.8 96.0 144.0

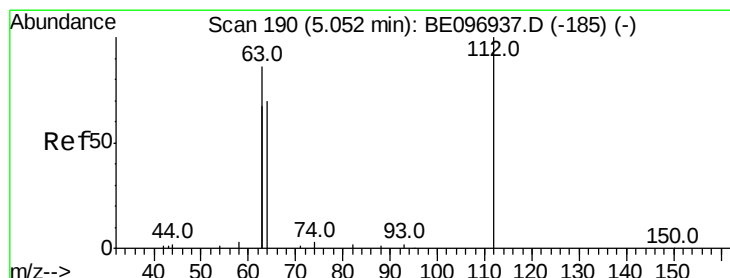
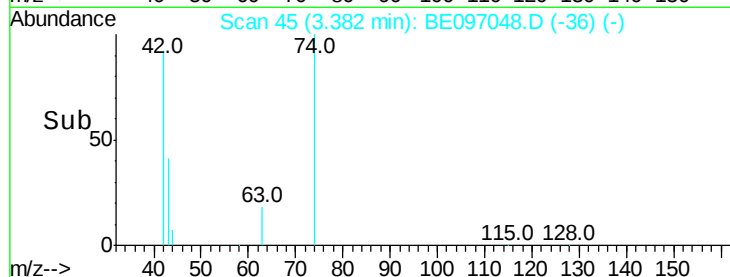
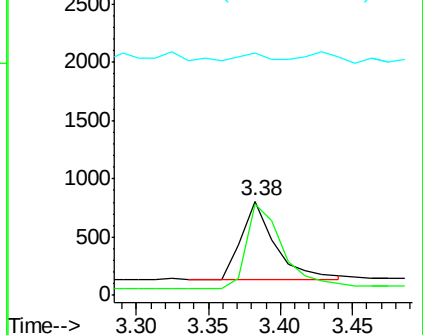
44 7.0 12.0 18.0#



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: 0.487 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

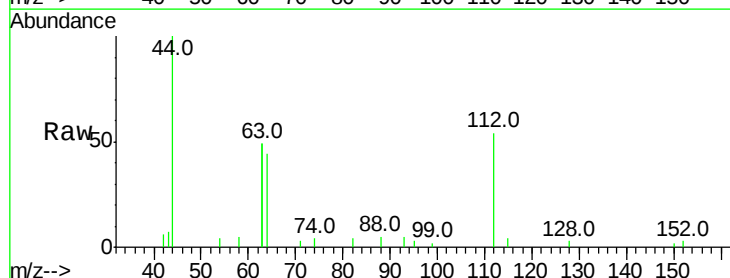
Tgt Ion: 112 Resp: 1799

Ion Ratio Lower Upper

112 100

64 70.2 60.1 90.1

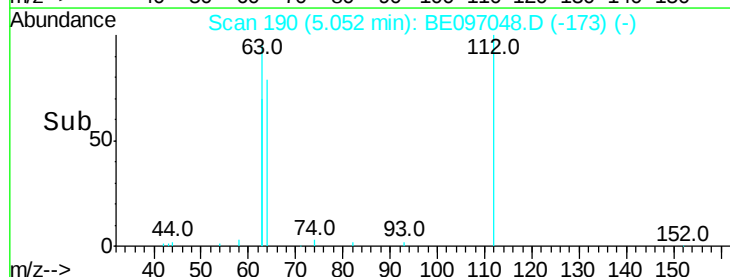
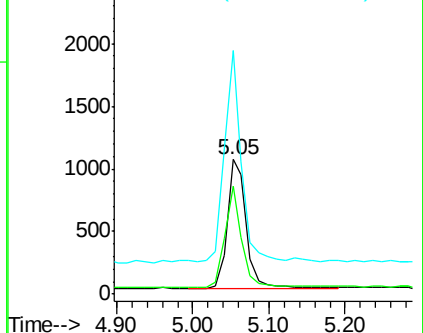
63 150.6 116.8 175.2

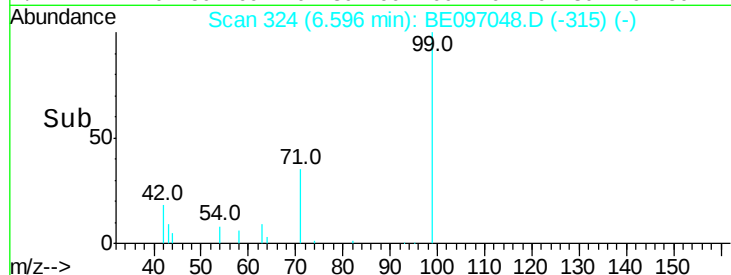
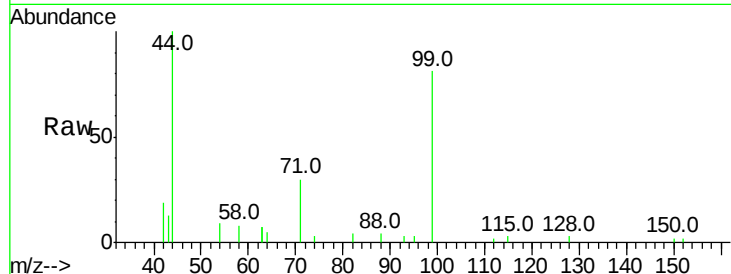
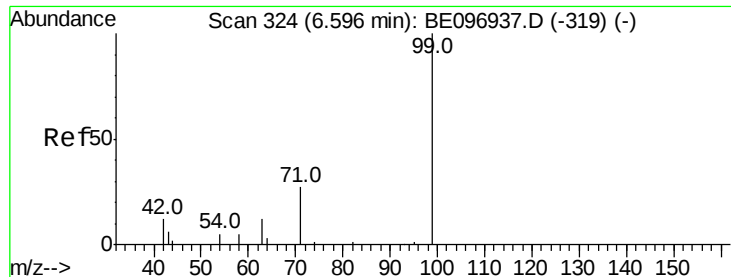


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.464 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

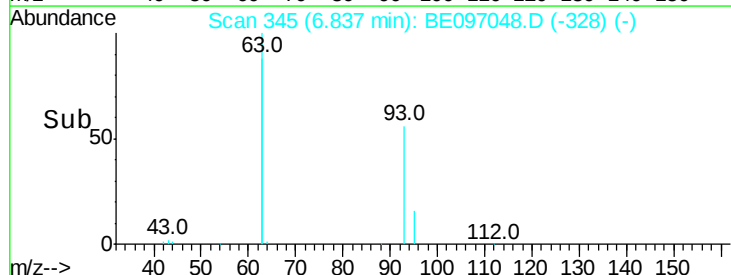
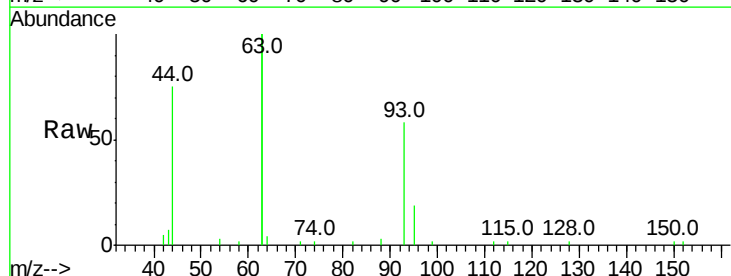
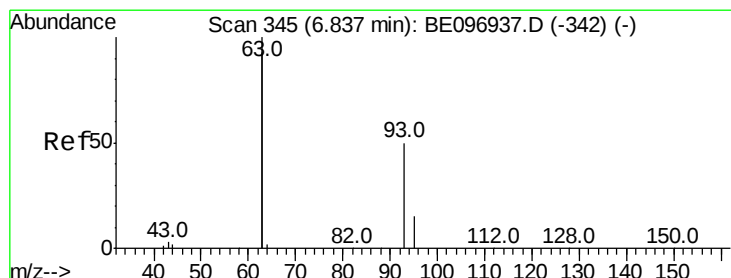
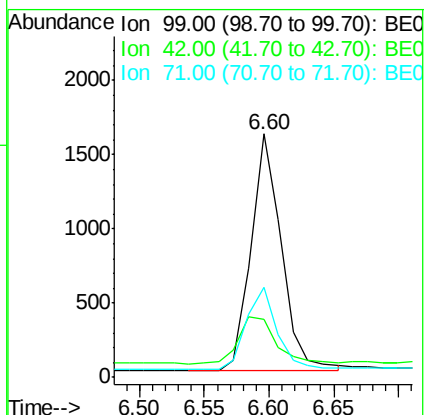
Tot Ion: 99 Resp: 2618

Ion Ratio Lower Upper

99 100

42 24.7 20.2 30.2

71 34.5 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

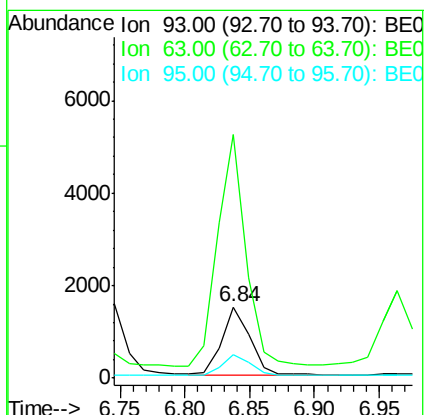
Tgt Ion: 93 Resp: 2231

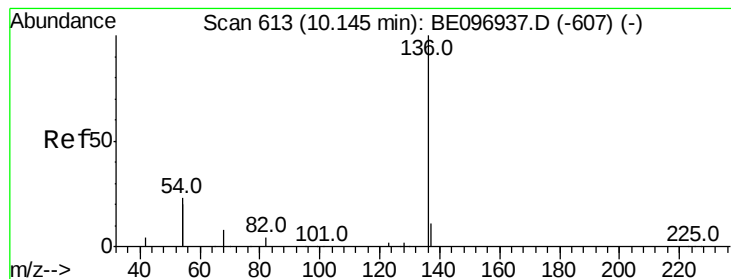
Ion Ratio Lower Upper

93 100

63 340.3 275.3 412.9

95 31.3 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: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7590

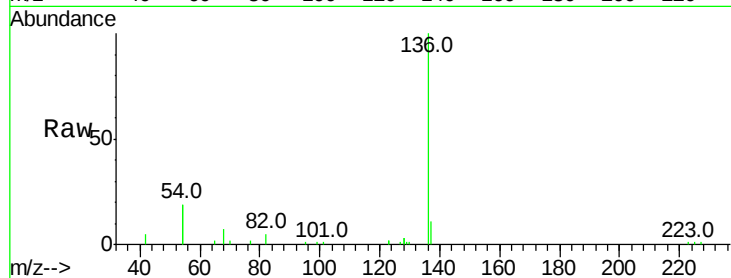
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 39.0 29.1 43.7

68 7.3 6.2 9.2

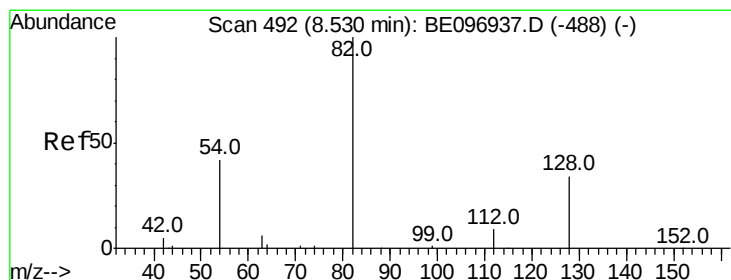
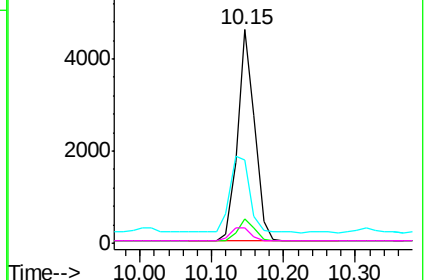
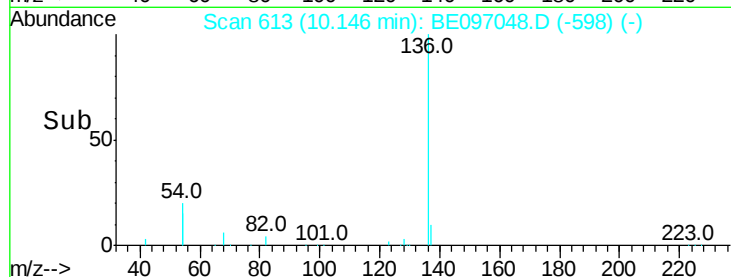


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.472 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

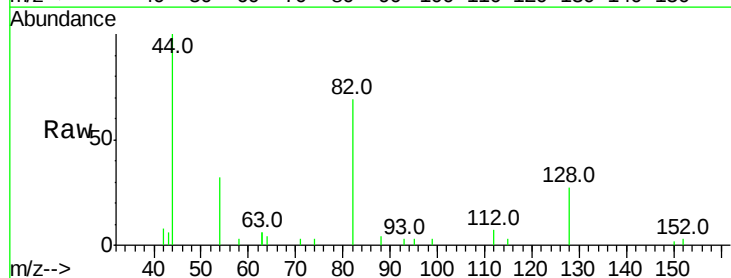
Tgt Ion: 82 Resp: 2613

Ion Ratio Lower Upper

82 100

128 39.0 24.0 36.0#

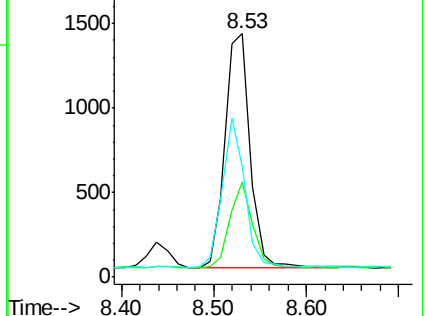
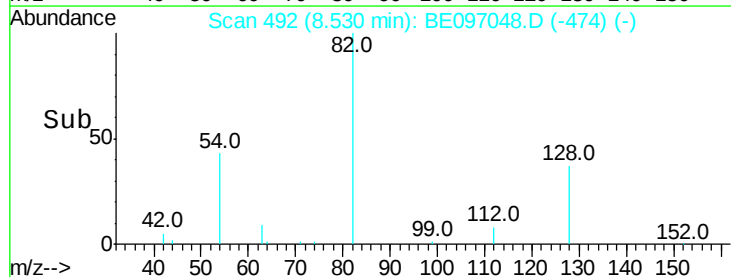
54 45.6 40.0 60.0



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: 0.403 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

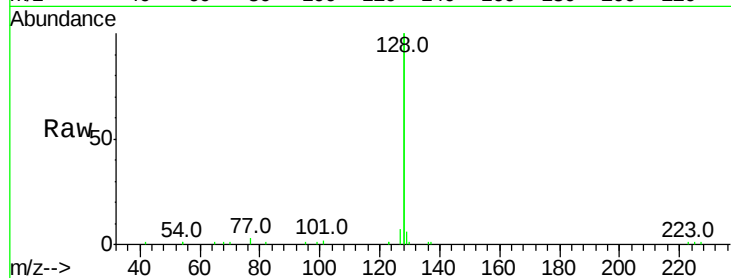
Tot Ion:128 Resp: 27387

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

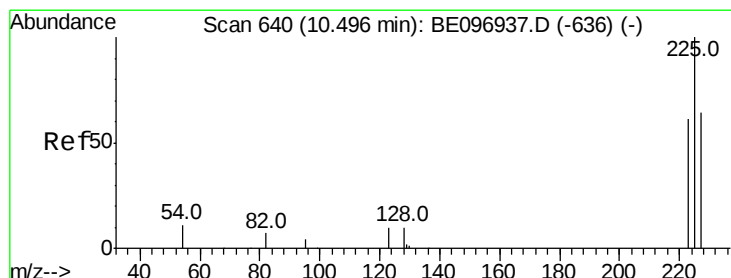
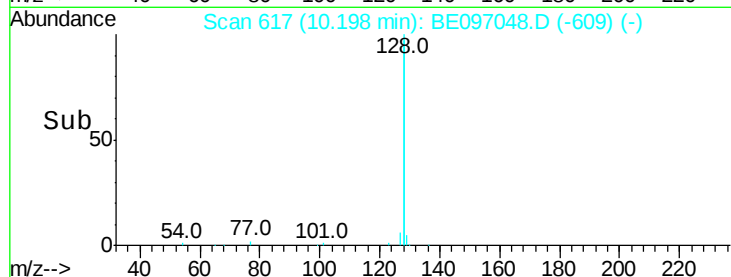
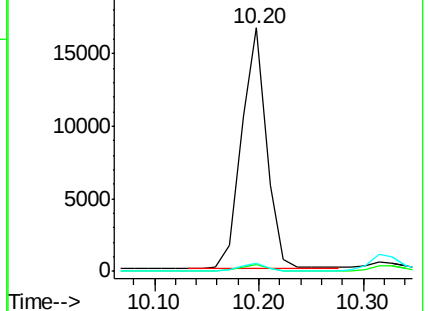
127 3.4 2.8 4.2



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: 0.447 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

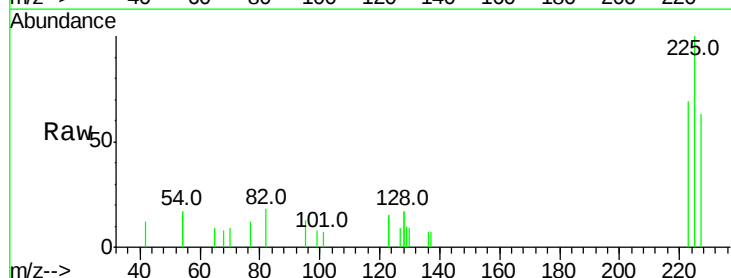
Tgt Ion:225 Resp: 1228

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

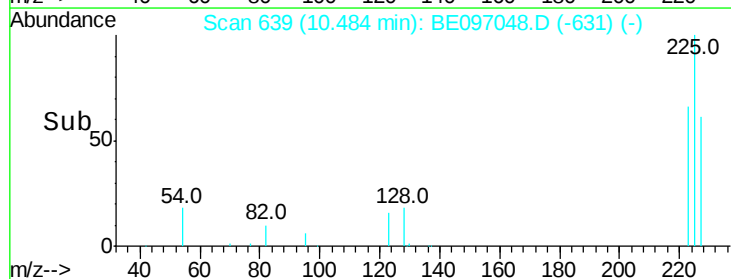
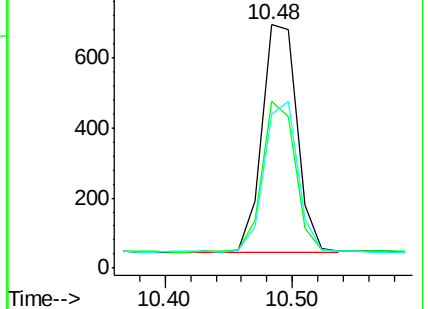
227 63.4 51.4 77.2



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: 0.395 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

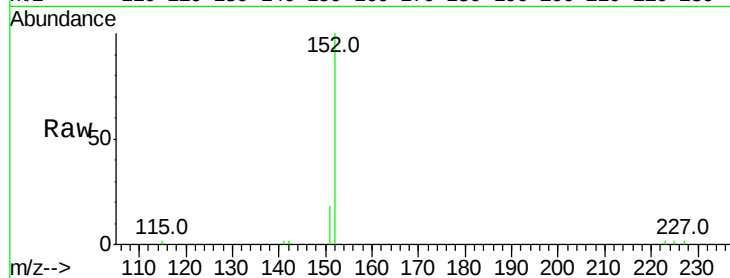
SSTDCCC0.4

Tot Ion:152 Resp: 4366

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

3000

2500

2000

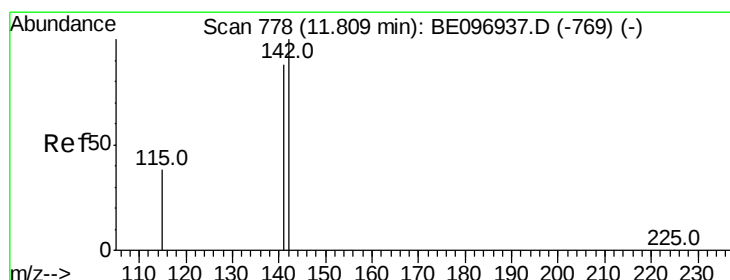
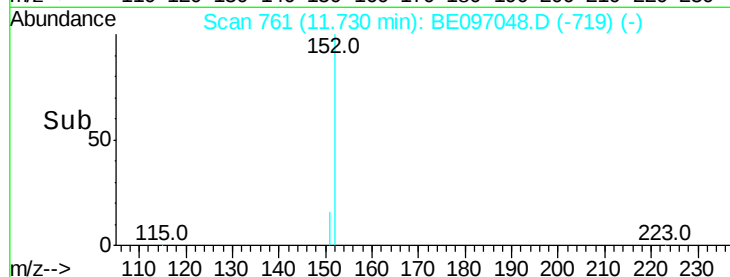
1500

1000

500

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

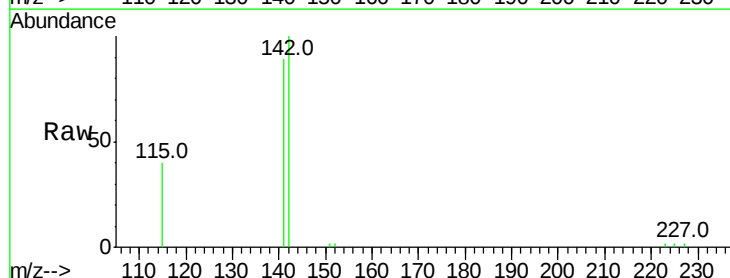
Tgt Ion:142 Resp: 4548

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 40.5 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.81

4000

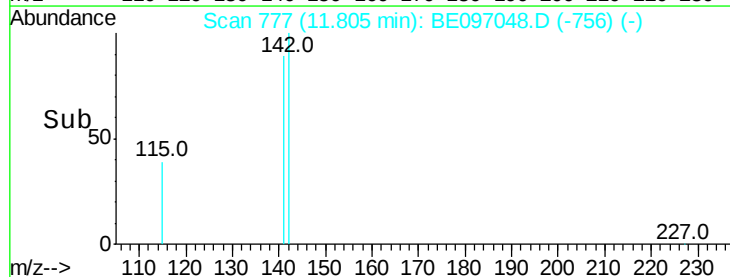
3000

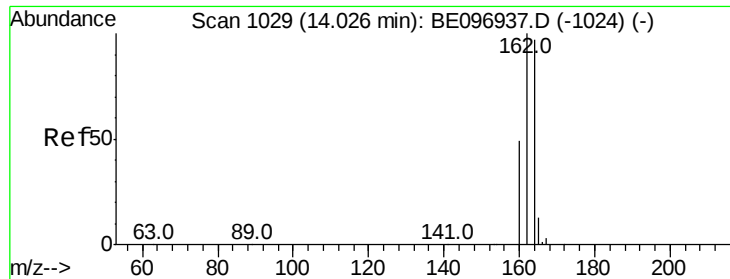
2000

1000

0

Time--> 11.70 11.80 11.90

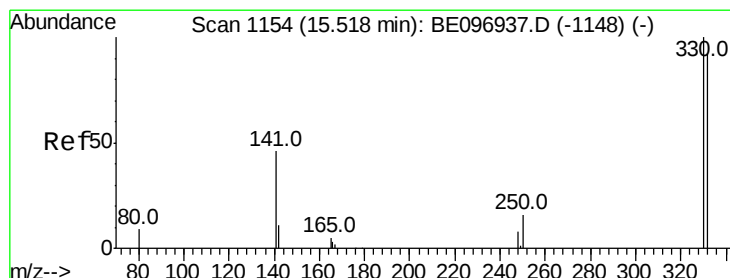
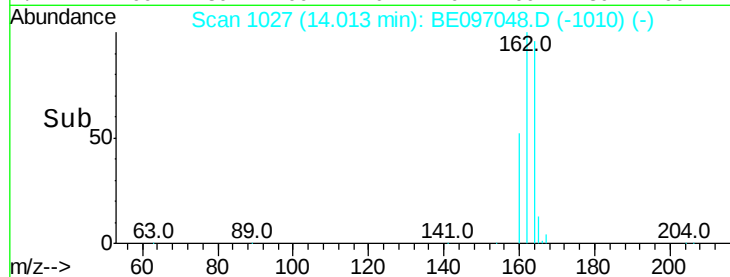
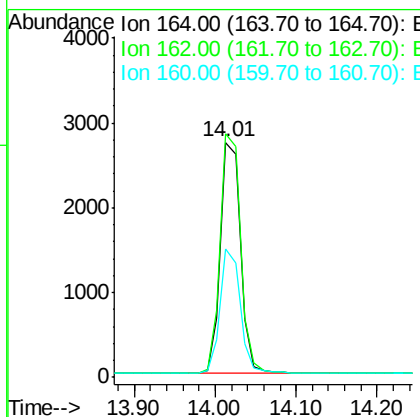
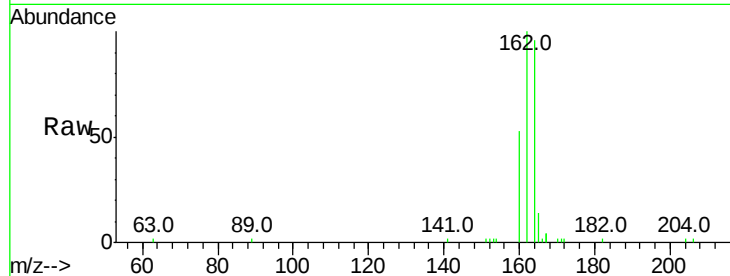




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097048.D
 Acq: 23 Jul 2018 22:51

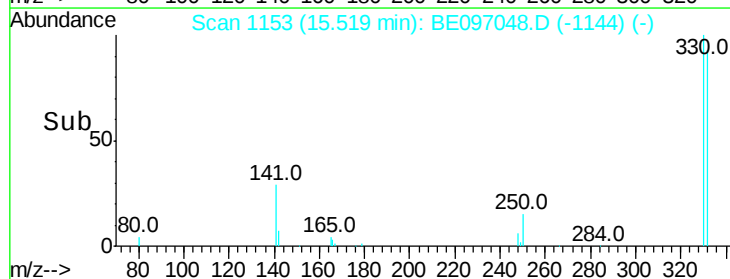
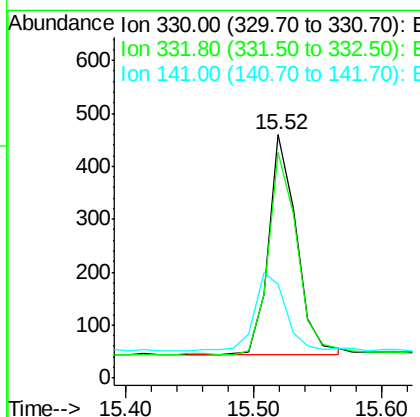
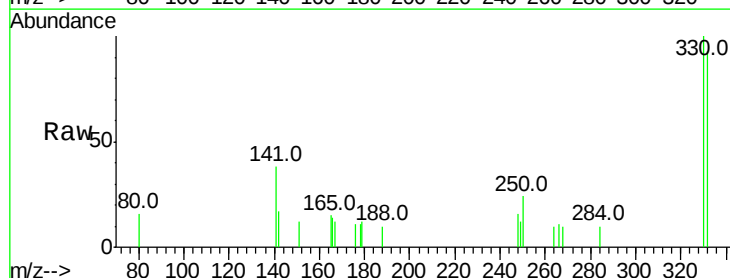
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

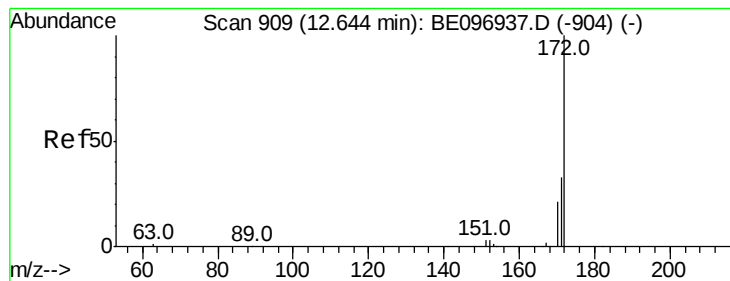
Tot Ion:164 Resp: 4714
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.1 124.7
 160 54.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.578 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097048.D
 Acq: 23 Jul 2018 22:51

Tgt Ion:330 Resp: 638
 Ion Ratio Lower Upper
 330 100
 332 95.1 152.7 229.1#
 141 40.3 33.7 50.5

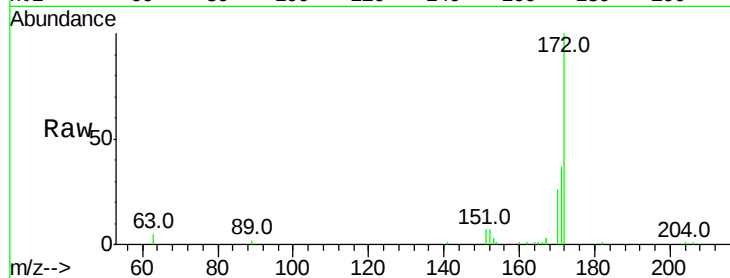




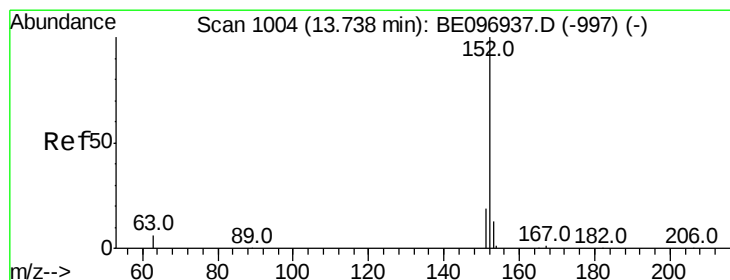
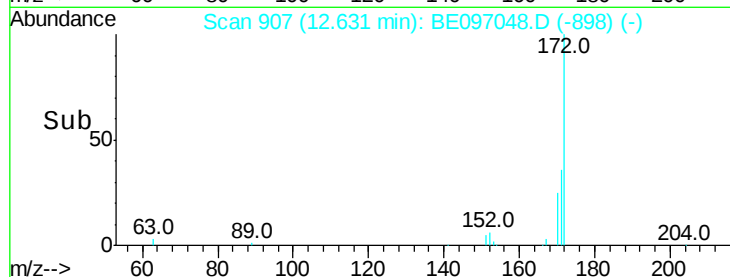
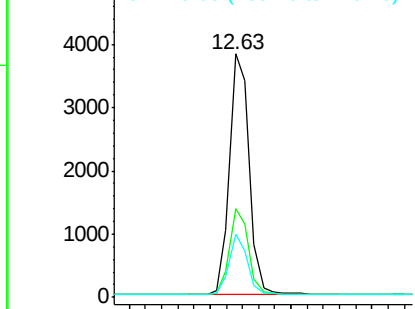
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 6405
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.8 21.8 32.8

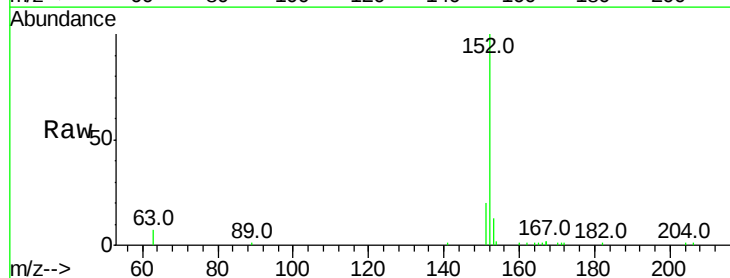


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

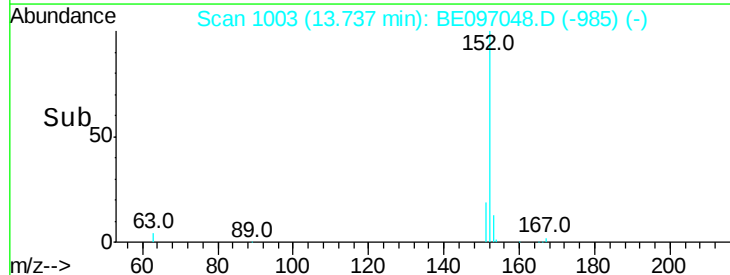
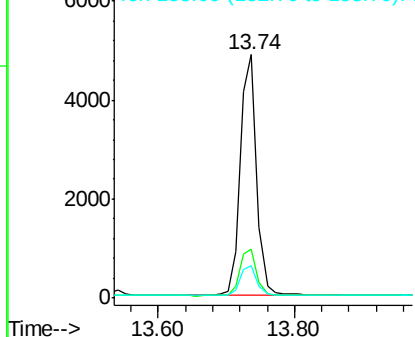


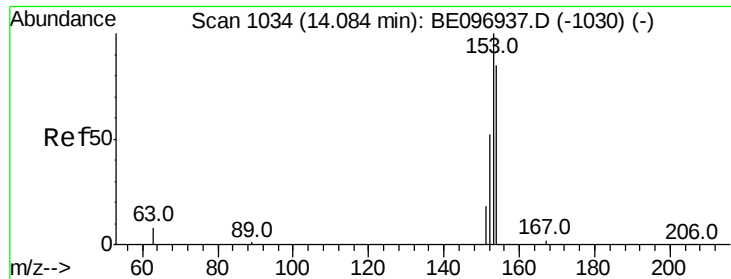
#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:152 Resp: 8166
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.9 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: 0.366 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

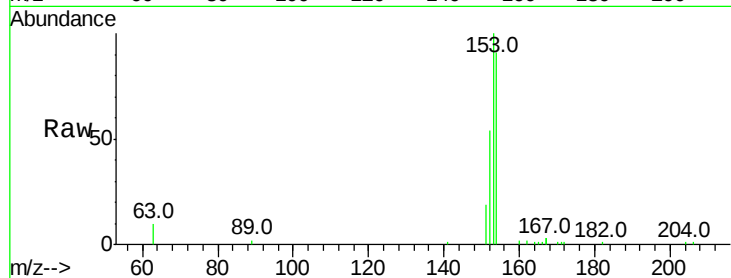
Tot Ion:154 Resp: 4901

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

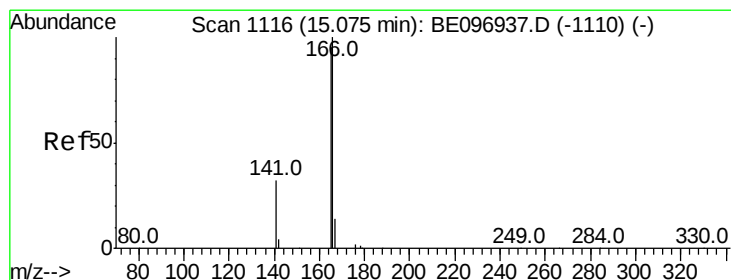
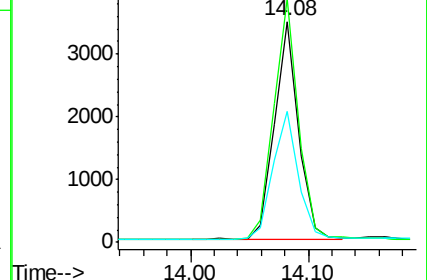
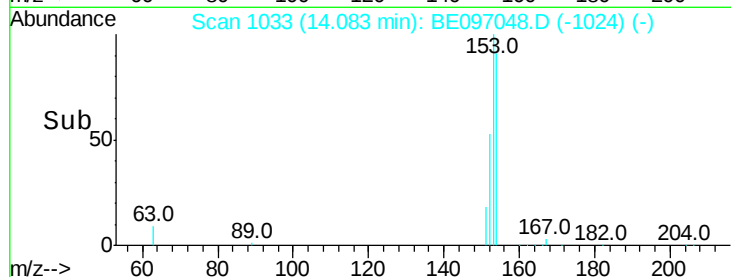
152 62.5 42.0 63.0



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: 0.420 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

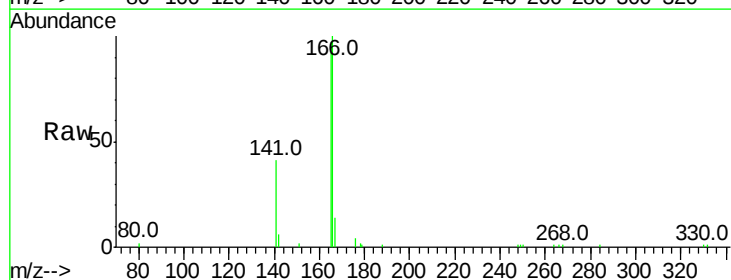
Tgt Ion:166 Resp: 6310

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

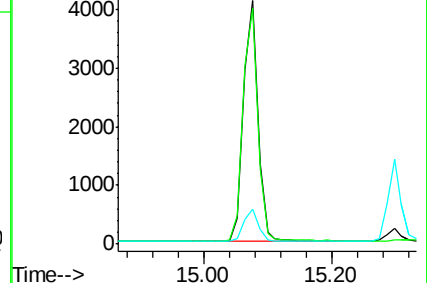
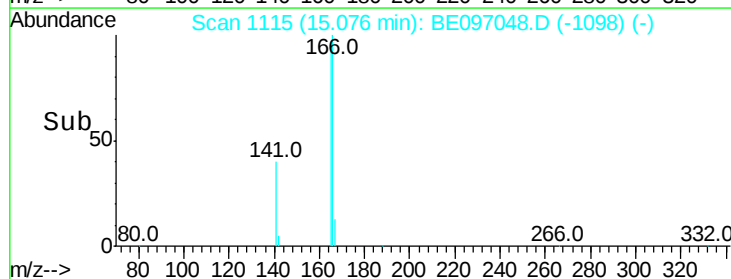
167 13.5 42.4 63.6#

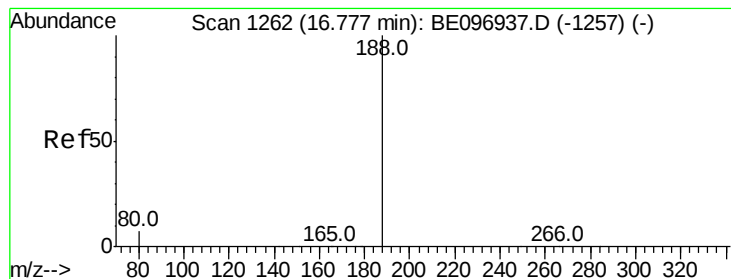


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

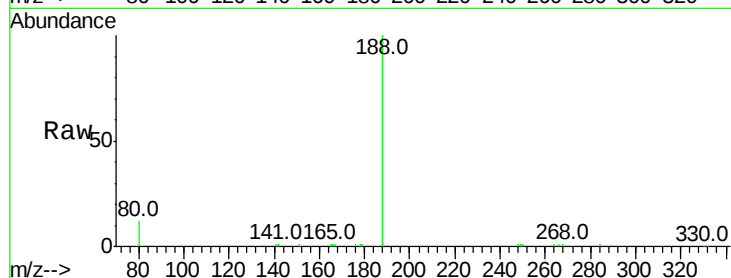
Tot Ion:188 Resp: 12991

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

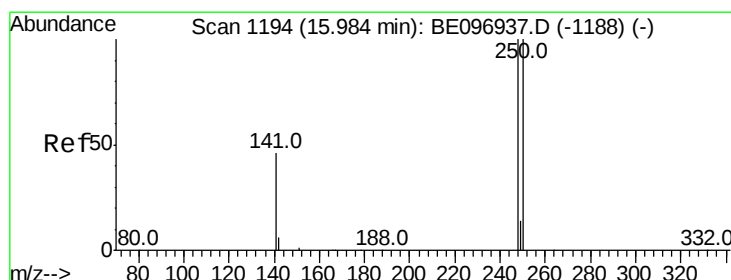
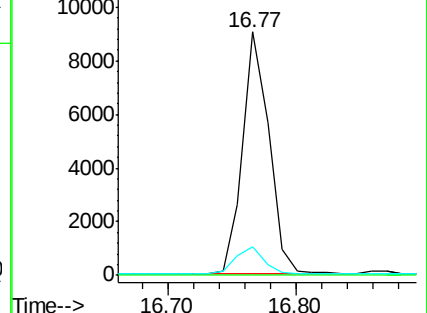
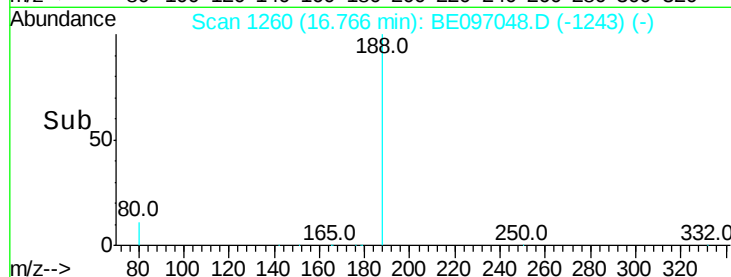
80 11.8 3.6 5.4#



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: 0.389 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

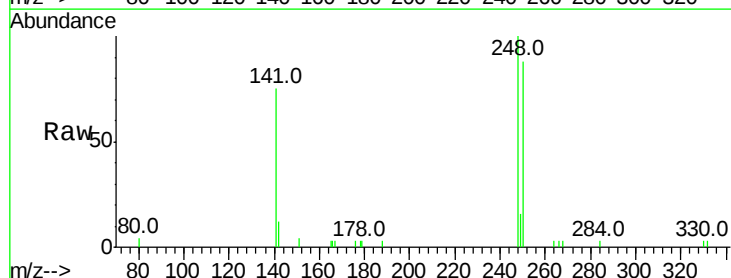
Tgt Ion:248 Resp: 2388

Ion Ratio Lower Upper

248 100

250 88.0 62.7 94.1

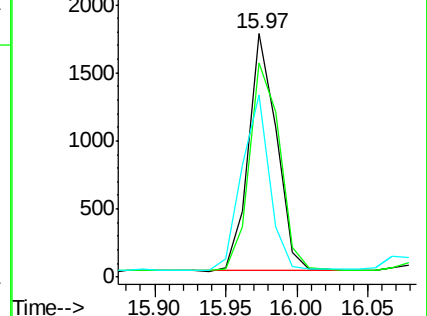
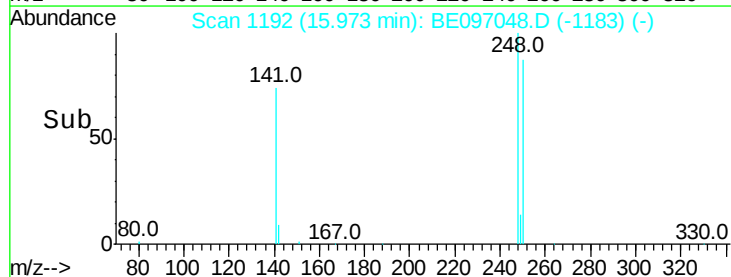
141 74.6 48.2 72.2#



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: 0.380 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

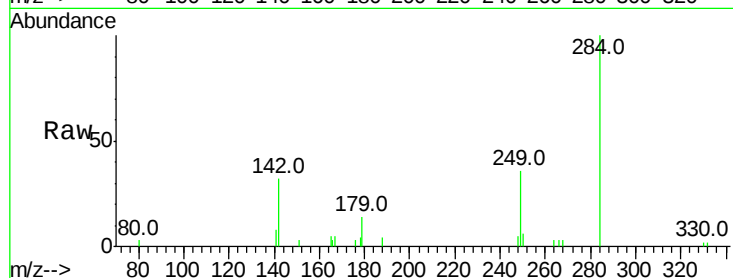
Tot Ion:284 Resp: 2591

Ion Ratio Lower Upper

284 100

142 35.2 22.1 33.1#

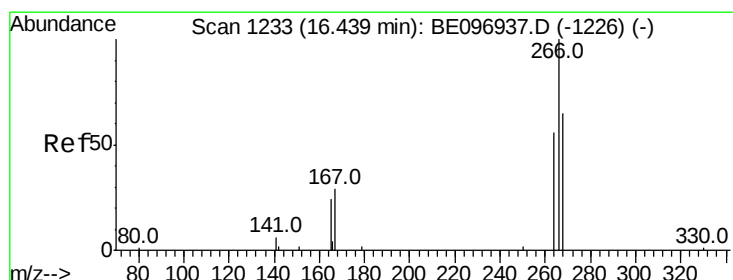
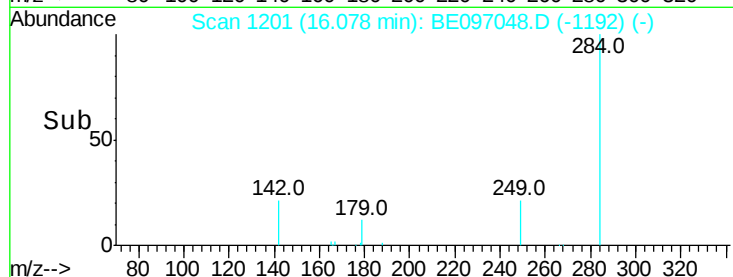
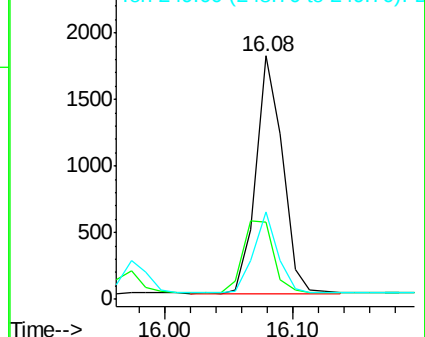
249 31.3 34.8 52.2#



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: 0.750 ng

RT: 16.43 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

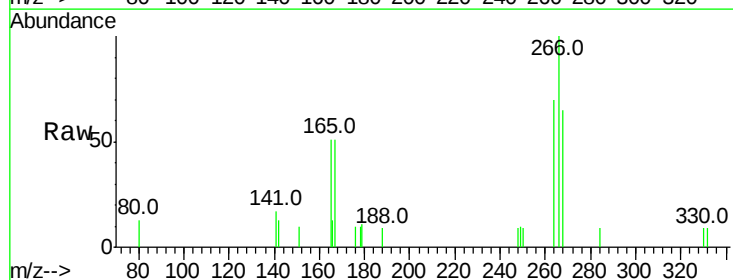
Tgt Ion:266 Resp: 855

Ion Ratio Lower Upper

266 100

264 69.7 72.5 108.7#

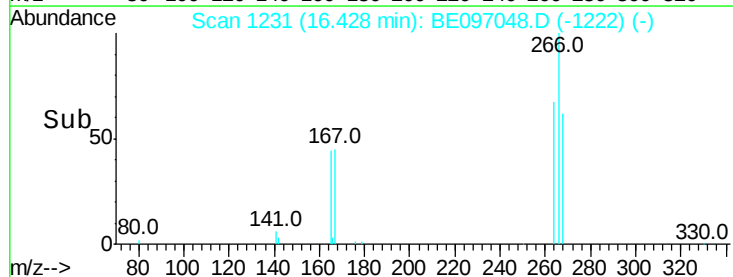
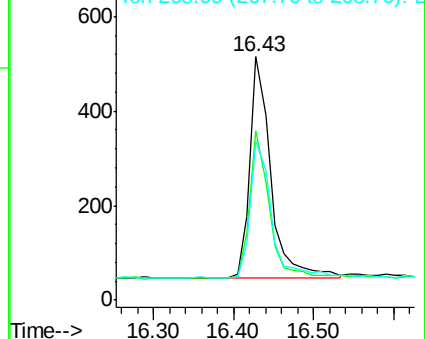
268 65.4 73.8 110.6#



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: 0.401 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

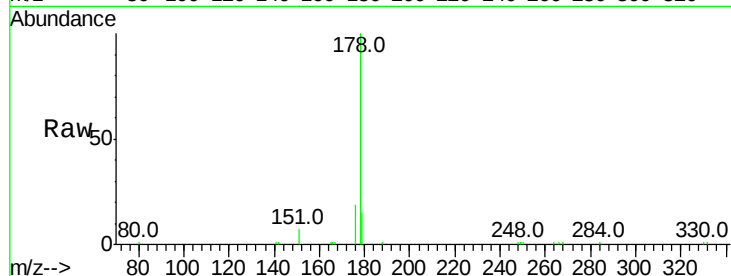
Tot Ion:178 Resp: 12466

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

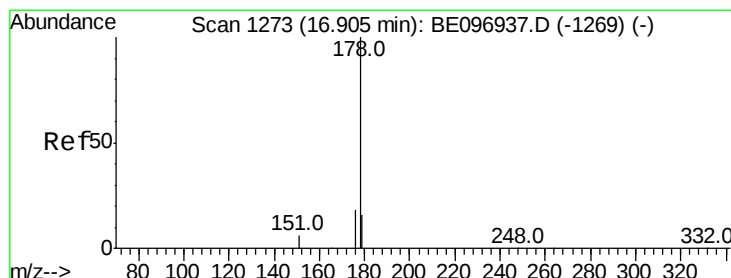
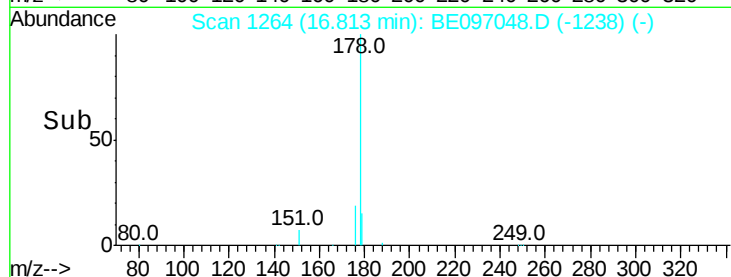
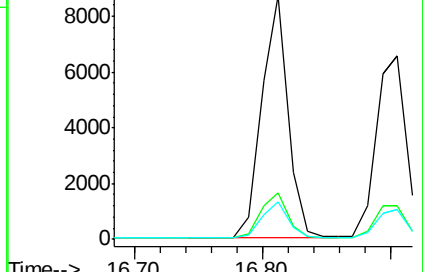
179 14.9 11.8 17.6



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: 0.400 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

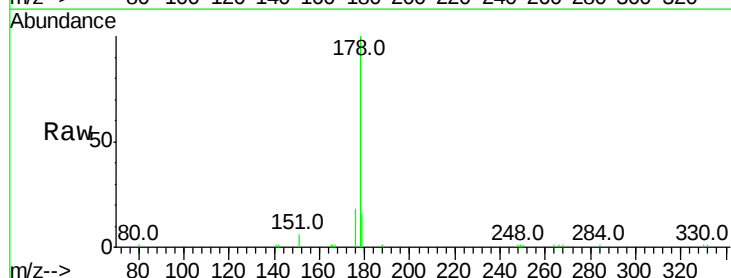
Tgt Ion:178 Resp: 10837

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

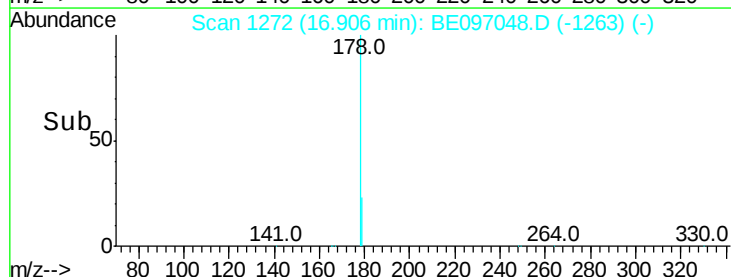
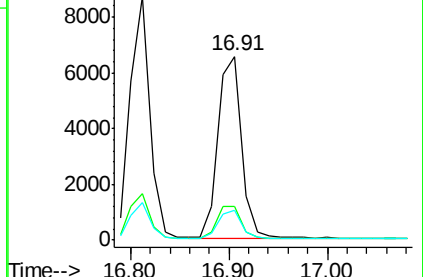
179 15.4 13.0 19.6

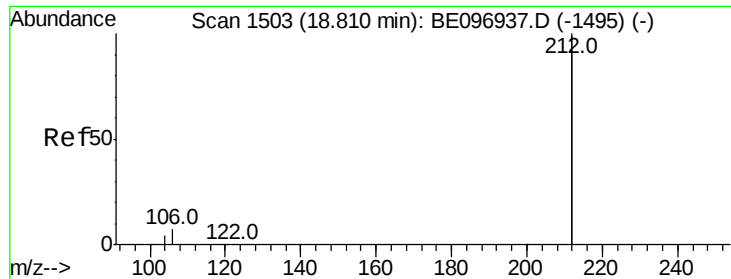


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

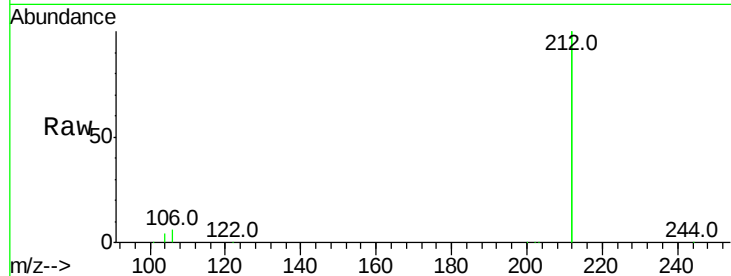
Tot Ion:212 Resp: 51308

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

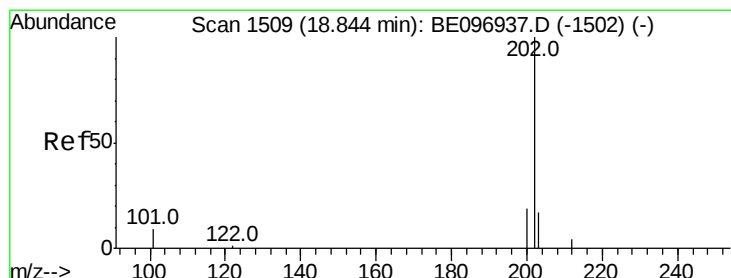
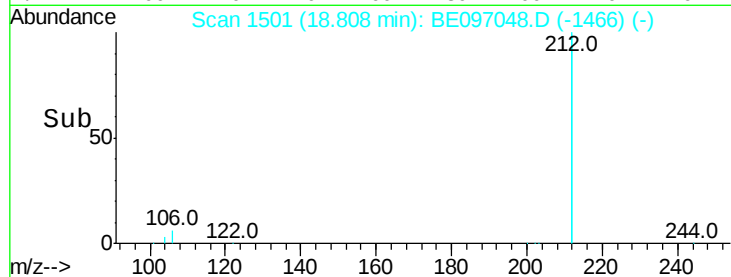
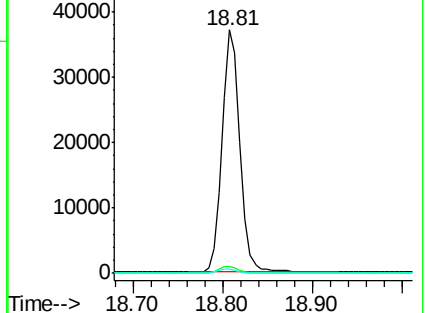
104 1.7 1.6 2.4



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: 0.424 ng

RT: 18.84 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

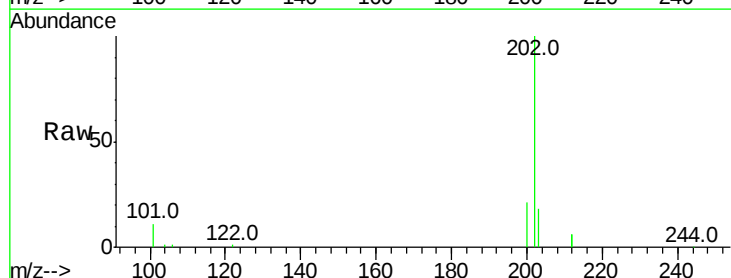
Tgt Ion:202 Resp: 13909

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

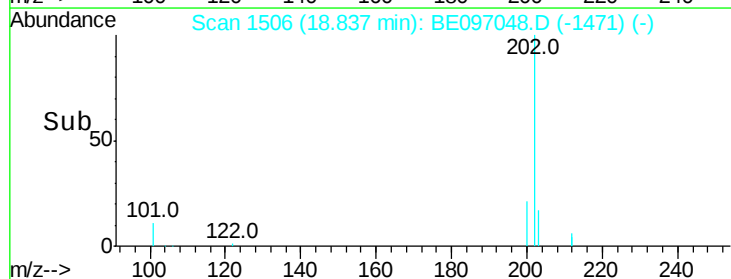
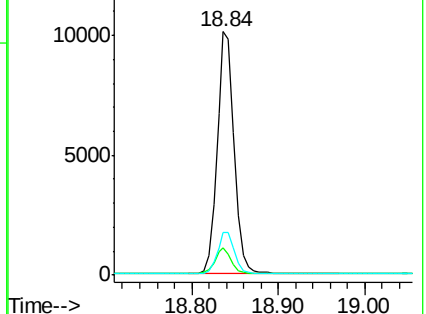
203 17.1 13.7 20.5



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# 1786

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

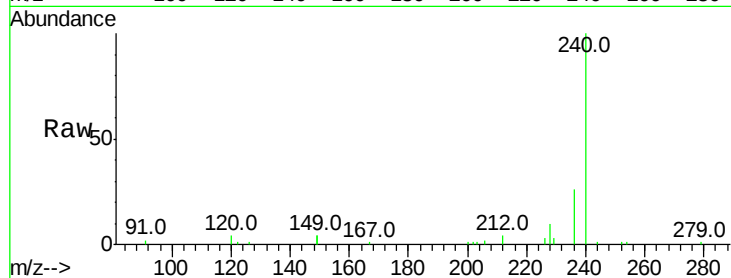
Tot Ion:240 Resp: 12624

Ion Ratio Lower Upper

240 100

120 4.4 5.5 8.3#

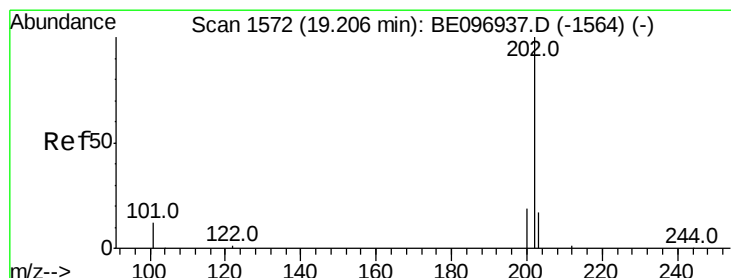
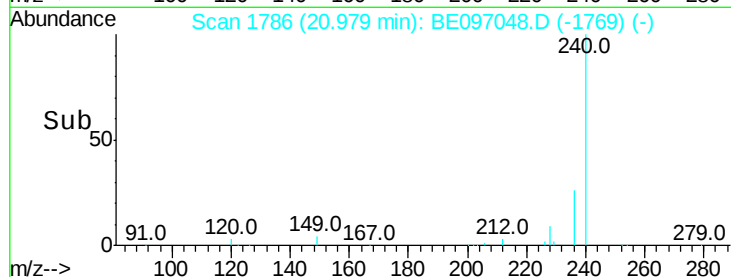
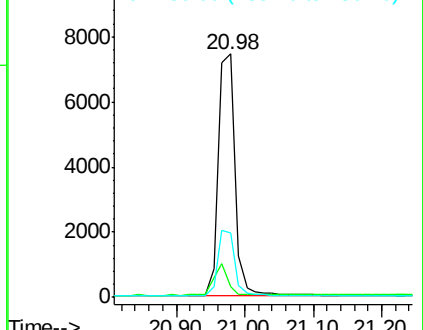
236 26.5 20.7 31.1



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: 0.376 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

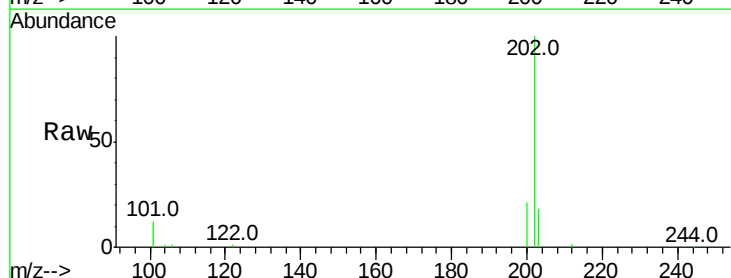
Tgt Ion:202 Resp: 13998

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

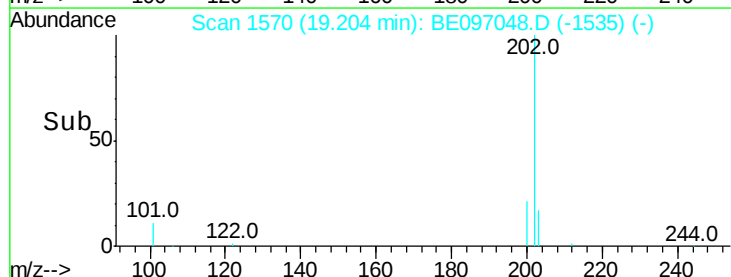
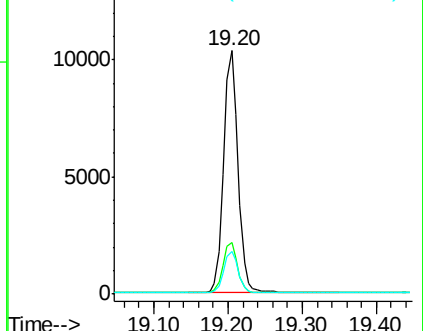
203 17.6 13.8 20.8

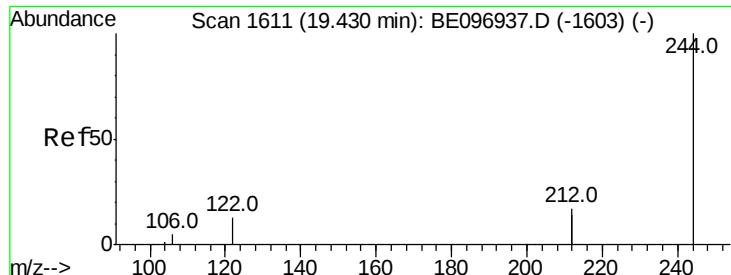


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

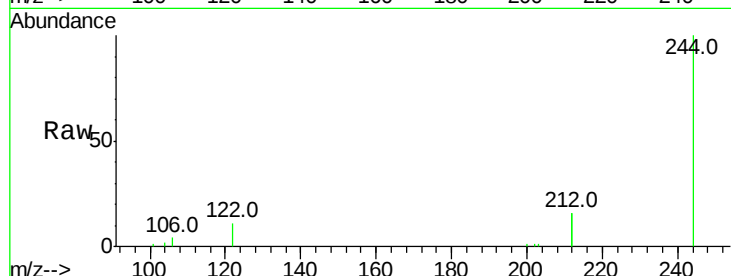
Tot Ion:244 Resp: 9698

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

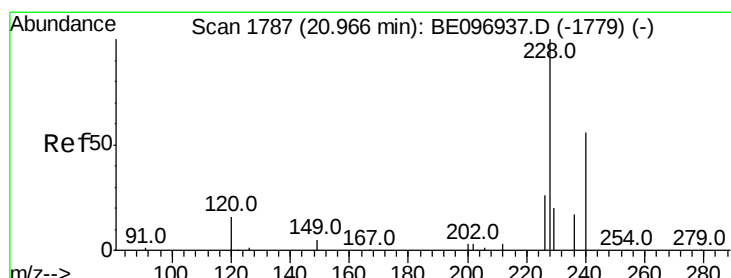
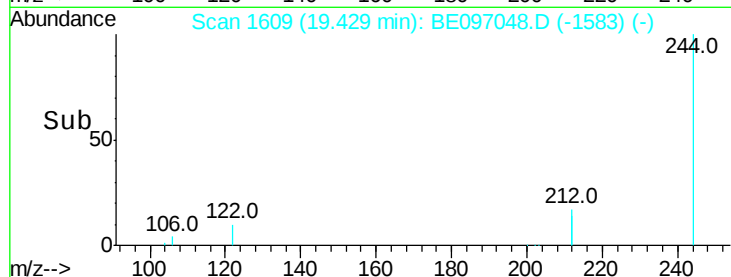
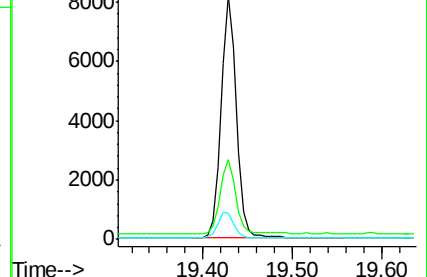
122 10.7 8.1 12.1



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: 0.411 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

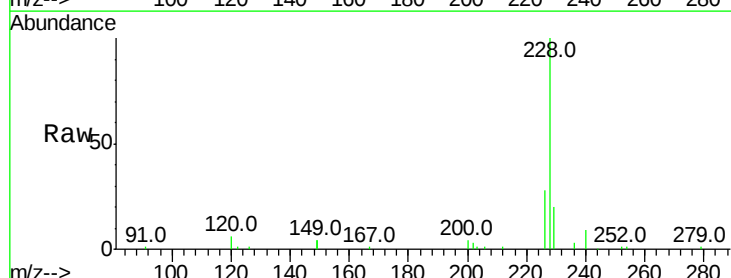
Tgt Ion:228 Resp: 12348

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

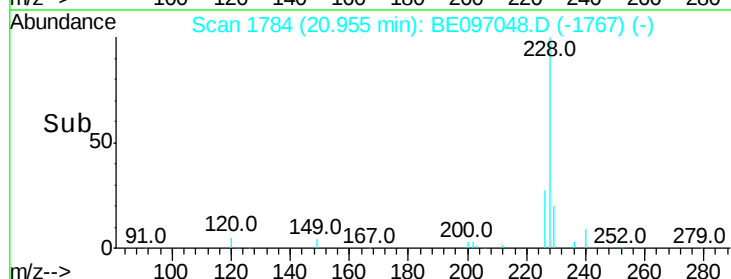
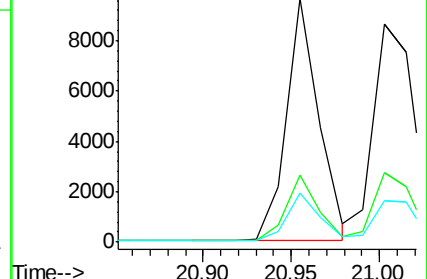
229 20.1 16.0 24.0



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





#31

Chrysene

Concen: 0.404 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

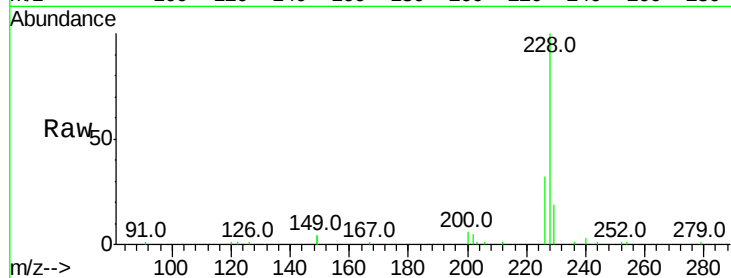
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 13614

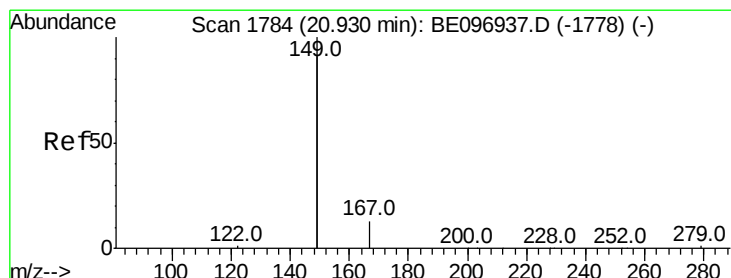
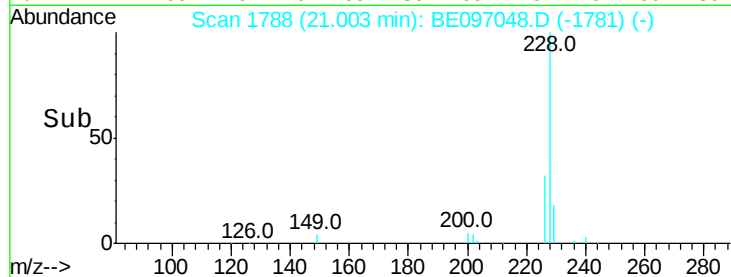
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	18.8	16.0	24.0



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: 0.533 ng

RT: 20.92 min Scan# 1781

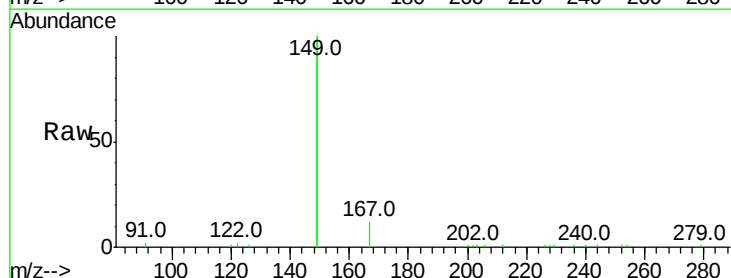
Delta R.T. -0.01 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Tgt Ion:149 Resp: 15990

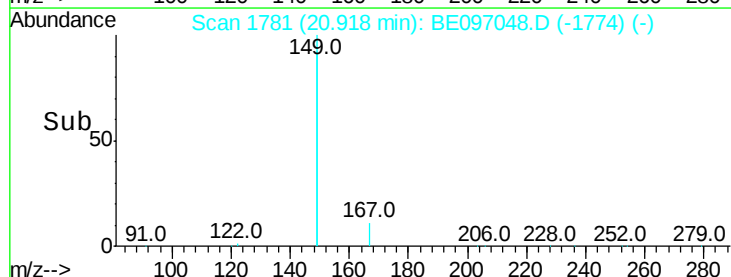
Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



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

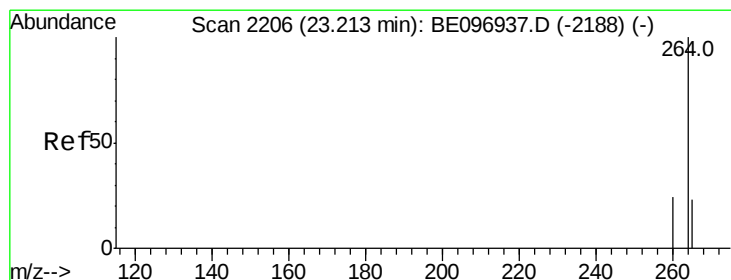
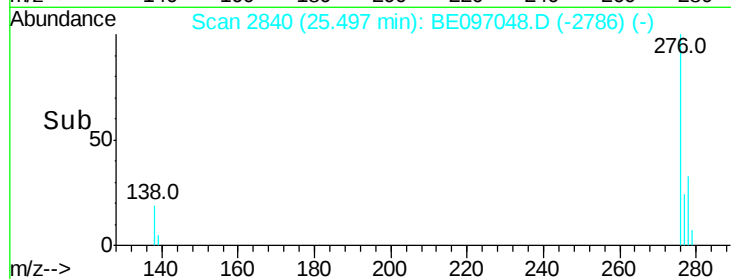
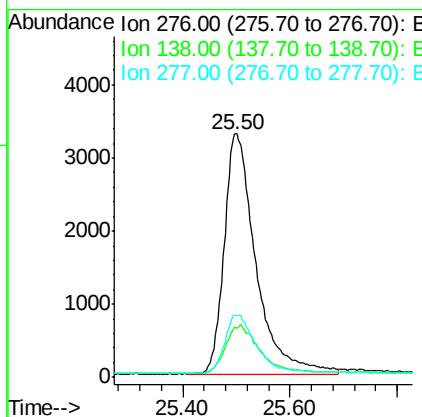
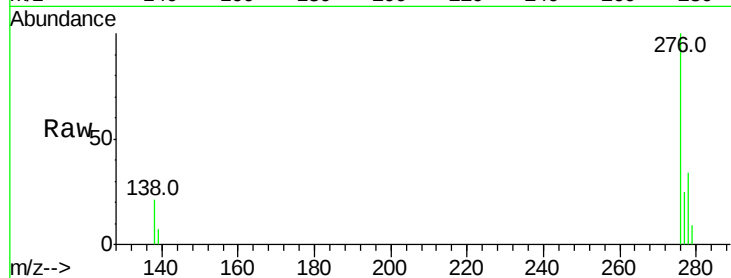




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.549 ng
 RT: 25.50 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BE097048.D
 Acq: 23 Jul 2018 22:51

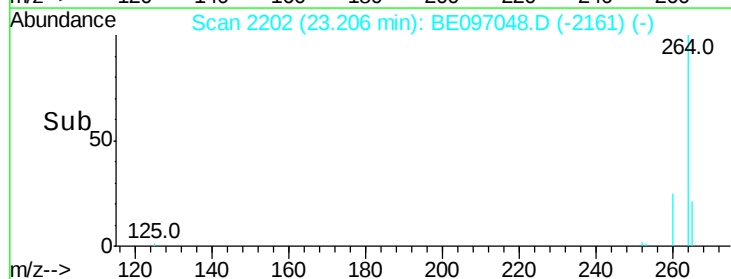
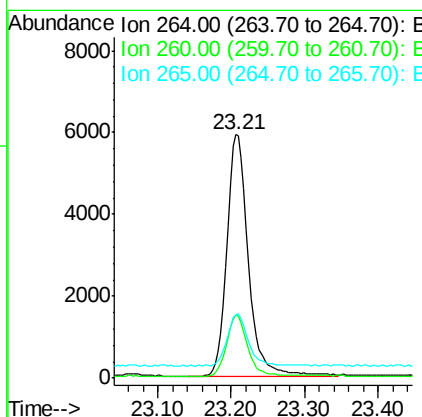
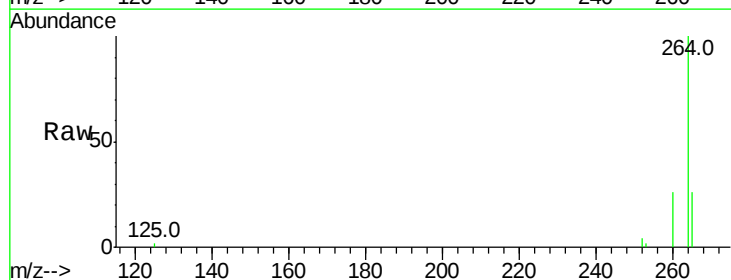
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

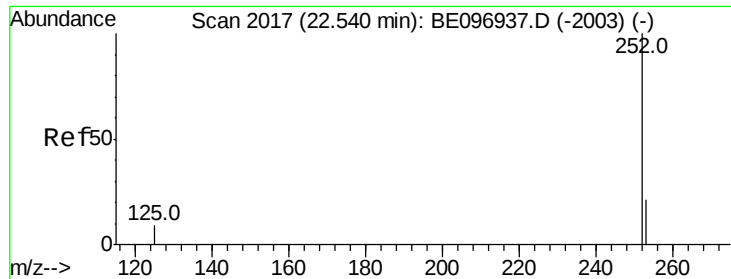
Tot Ion:276 Resp: 13475
 Ion Ratio Lower Upper
 276 100
 138 21.6 22.5 33.7#
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097048.D
 Acq: 23 Jul 2018 22:51

Tgt Ion:264 Resp: 12122
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 26.1 22.8 34.2

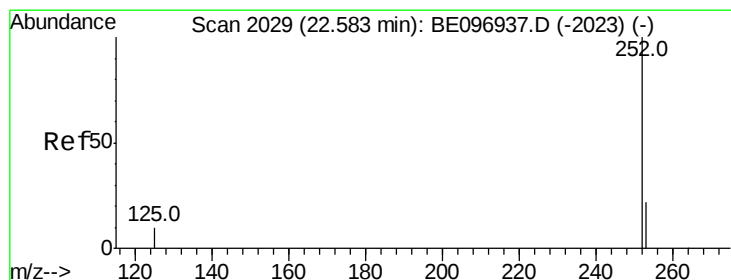
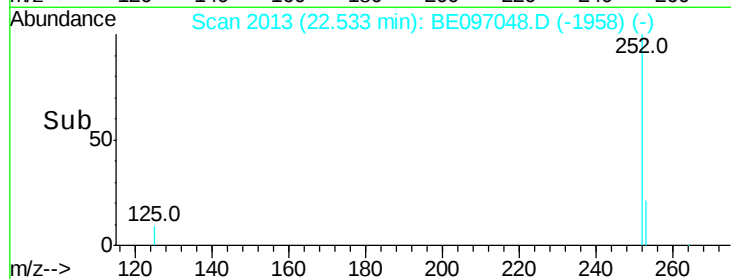
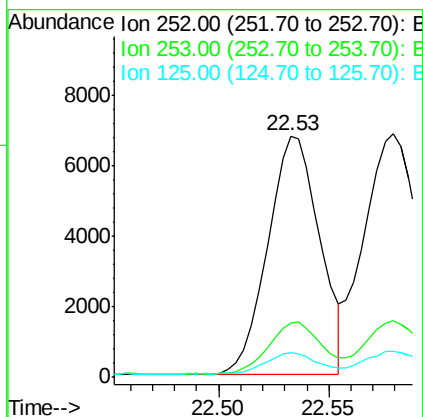
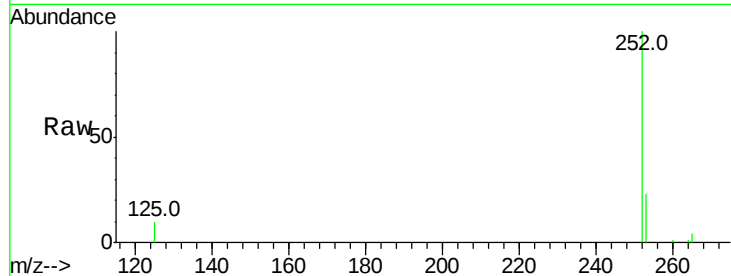




#35
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

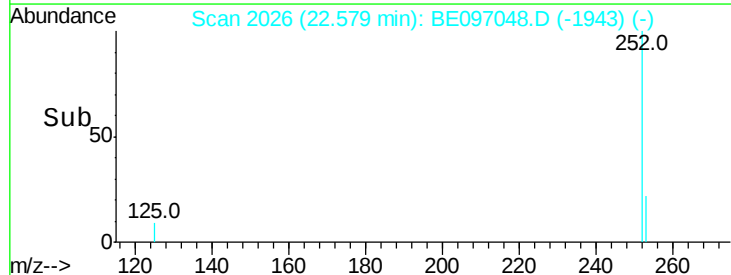
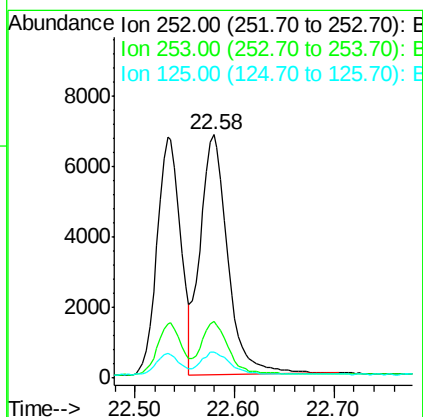
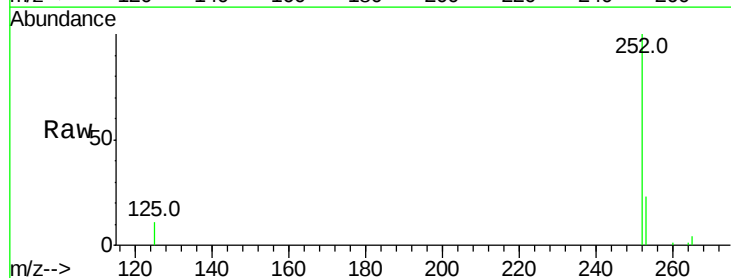
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

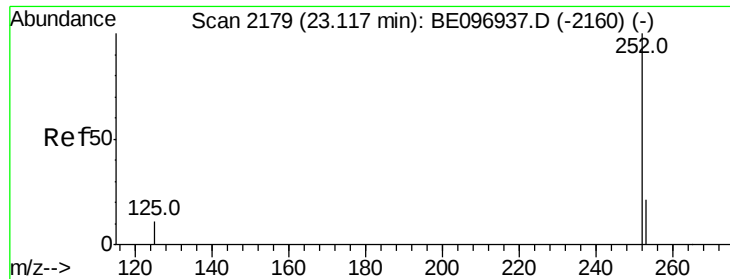
Tot Ion:252 Resp: 11056
Ion Ratio Lower Upper
252 100
253 22.5 20.0 30.0
125 10.2 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.58 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097048.D
Acq: 23 Jul 2018 22:51

Tgt Ion:252 Resp: 12970
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 10.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

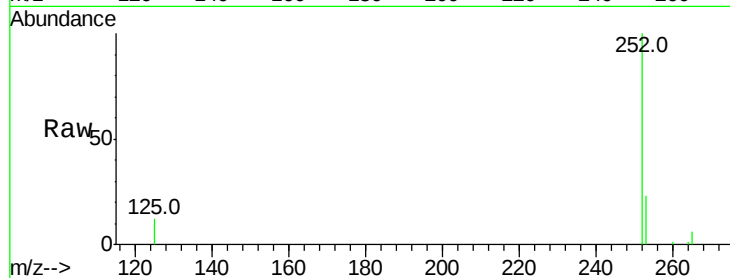
Tot Ion:252 Resp: 10672

Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

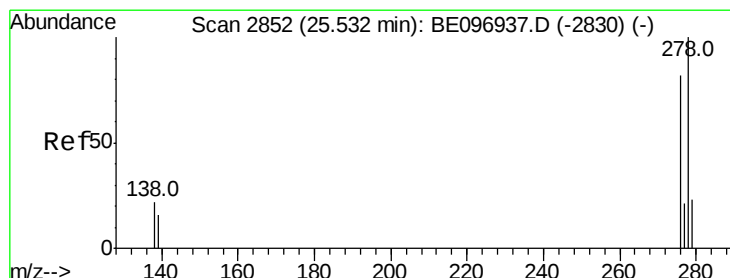
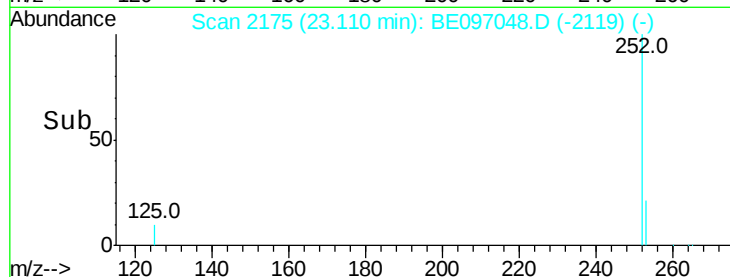
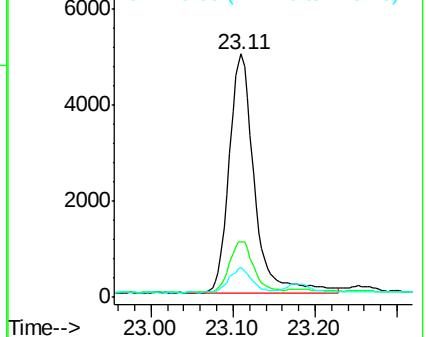
125 12.1 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.489 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

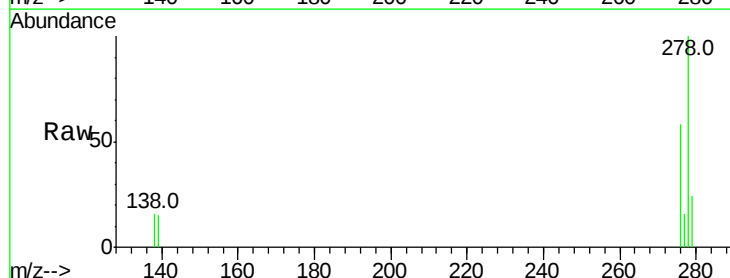
Tgt Ion:278 Resp: 11233

Ion Ratio Lower Upper

278 100

139 15.4 16.0 24.0#

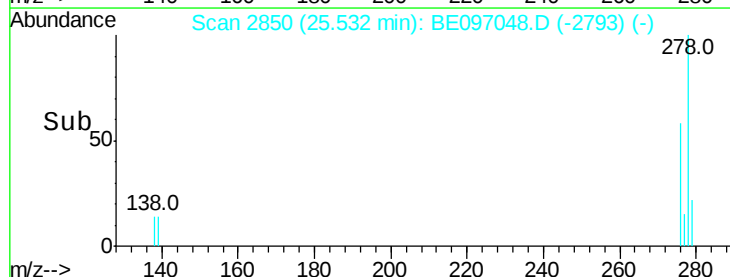
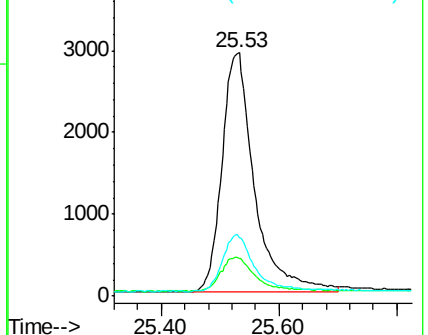
279 23.9 20.0 30.0

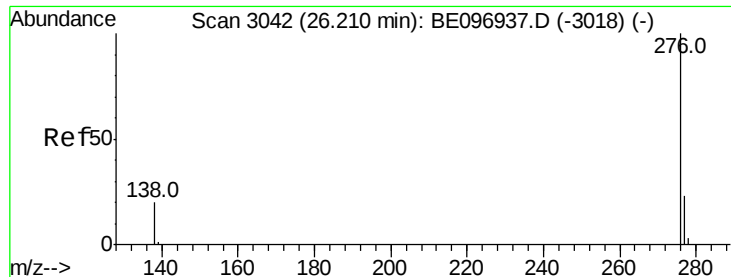


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.471 ng

RT: 26.20 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BE097048.D

Acq: 23 Jul 2018 22:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

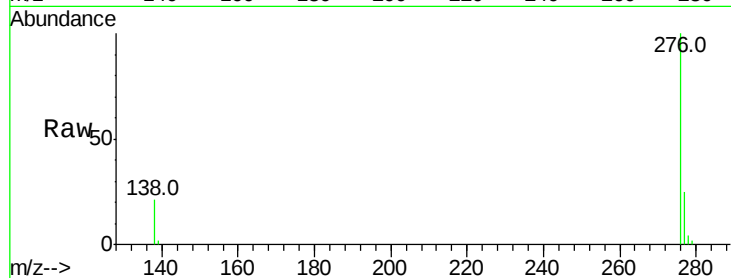
Tot Ion:276 Resp: 11848

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 20.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

