

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
 Data File : BE097273.D
 Acq On : 15 Aug 2018 10:30
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 15 13:05:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 12:59:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	987	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4949	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2714	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	6306	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6458	0.40	ng	0.00
34) Perylene-d12	23.22	264	6557	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	366	0.16	ng	0.00
5) Phenol-d6	6.61	99	461	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	460	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	703	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	70	0.10	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	1095	0.11	ng	0.01
25) Fluoranthene-d10	18.81	212	6425	0.12	ng	0.00
29) Terphenyl-d14	19.43	244	1186	0.10	ng	0.00

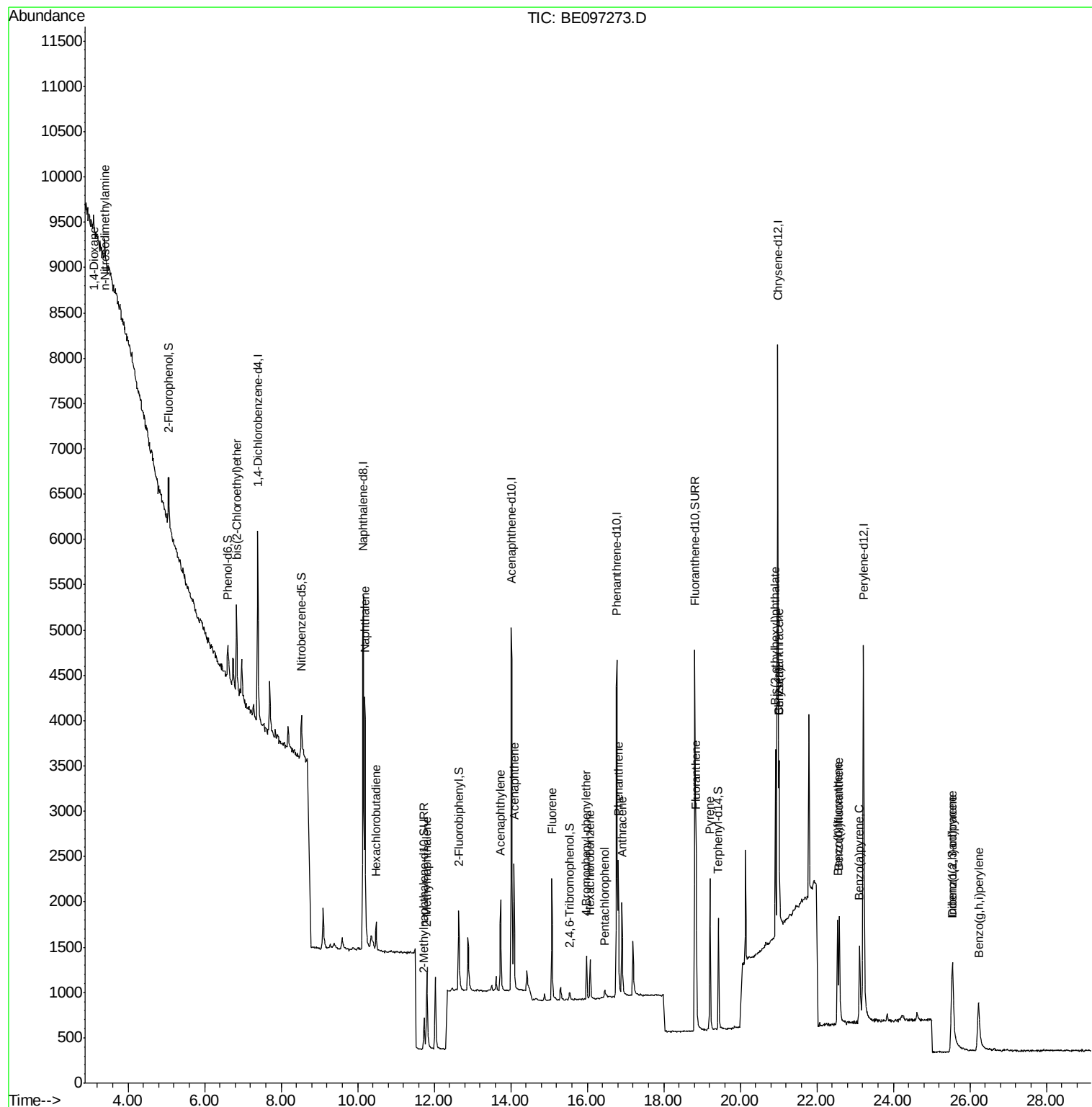
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	126	0.089	ng	87
3) n-Nitrosodimethylamine	3.39	42	125	0.079	ng	# 94
6) bis(2-Chloroethyl)ether	6.84	93	387	0.109	ng	86
9) Naphthalene	10.19	128	5213	0.118	ng	# 97
10) Hexachlorobutadiene	10.48	225	225	0.126	ng	97
12) 2-Methylnaphthalene	11.80	142	795	0.106	ng	95
16) Acenaphthylene	13.74	152	1271	0.103	ng	99
17) Acenaphthene	14.08	154	701	0.091	ng	# 91
18) Fluorene	15.08	166	890	0.103	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	318	0.107	ng	# 85
21) Hexachlorobenzene	16.08	284	368	0.111	ng	# 82
22) Pentachlorophenol	16.46	266	91	0.167	ng	99
23) Phenanthrene	16.81	178	1525	0.101	ng	96
24) Anthracene	16.91	178	1299	0.099	ng	96
26) Fluoranthene	18.84	202	1716	0.108	ng	98
28) Pyrene	19.20	202	1740	0.091	ng	99
30) Benzo(a)anthracene	21.02	228	1662	0.108	ng	96
31) Chrysene	21.02	228	1637	0.095	ng	96
32) Bis(2-ethylhexyl)phthalate	20.92	149	2336	0.152	ng	99
33) Indeno(1,2,3-cd)pyrene	25.53	276	1818	0.145	ng	# 90
35) Benzo(b)fluoranthene	22.54	252	1565	0.094	ng	# 92
36) Benzo(k)fluoranthene	22.59	252	1811	0.091	ng	# 73
37) Benzo(a)pyrene	23.12	252	1547	0.103	ng	# 80
38) Dibenzo(a,h)anthracene	25.55	278	1497	0.122	ng	# 78
39) Benzo(g,h,i)perylene	26.22	276	1580	0.116	ng	# 82

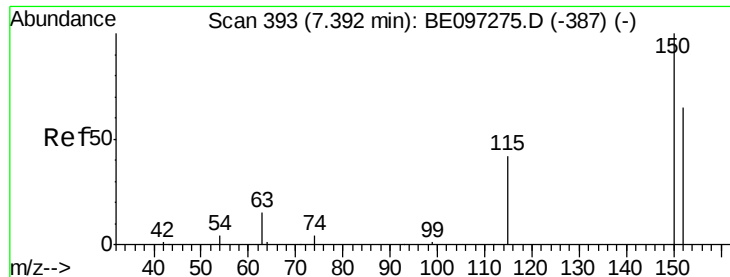
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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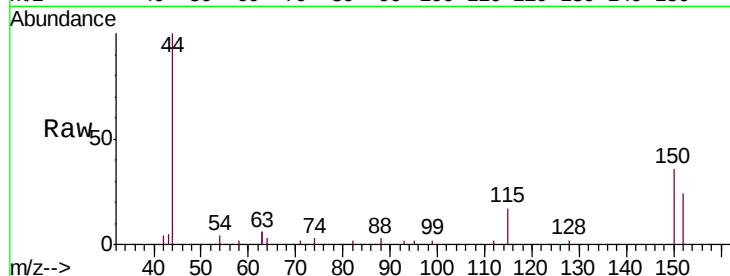


#1

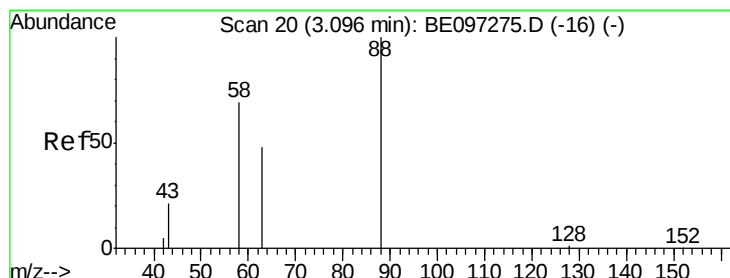
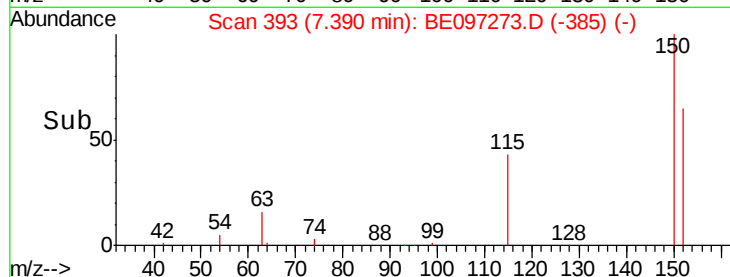
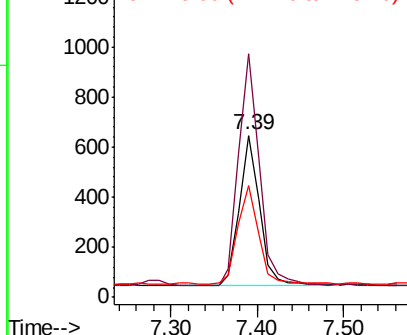
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:152 Resp: 987
Ion Ratio Lower Upper
152 100
150 150.4 117.2 175.8
115 69.4 57.0 85.6



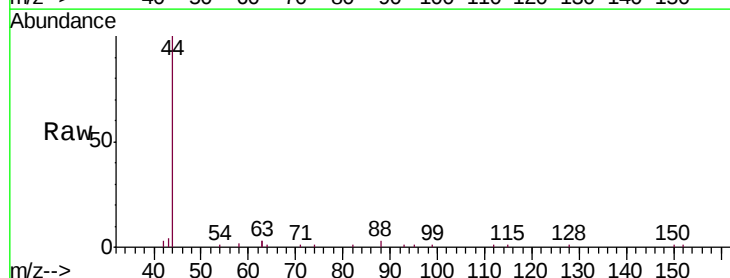
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



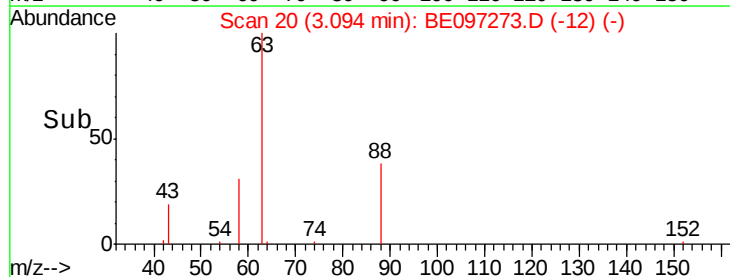
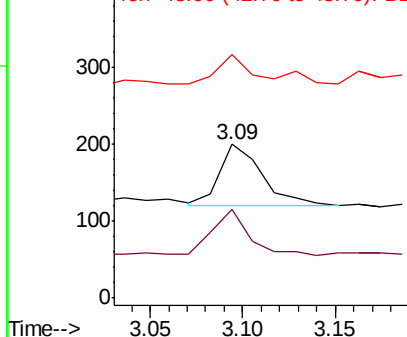
#2

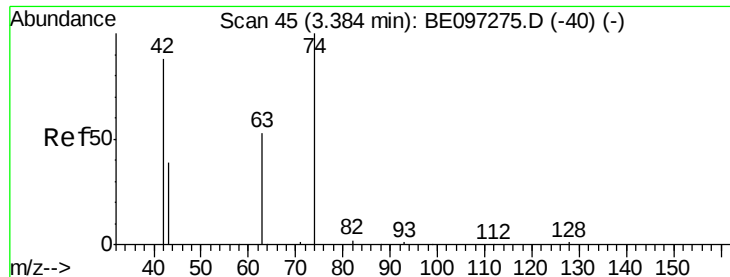
1,4-Dioxane
Concen: 0.089 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
58 66.7 63.2 94.8
43 59.5 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: 0.079 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

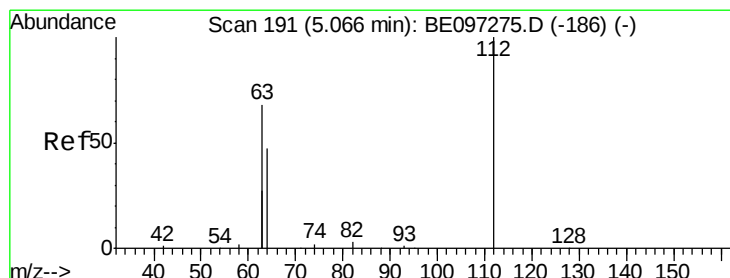
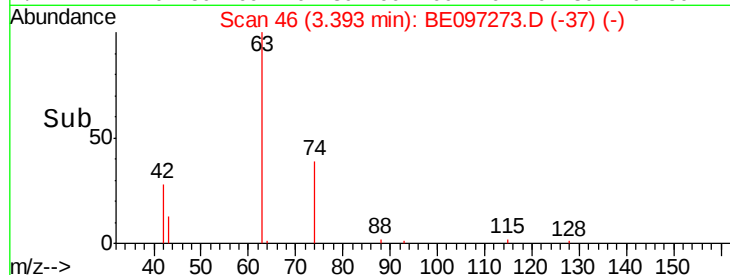
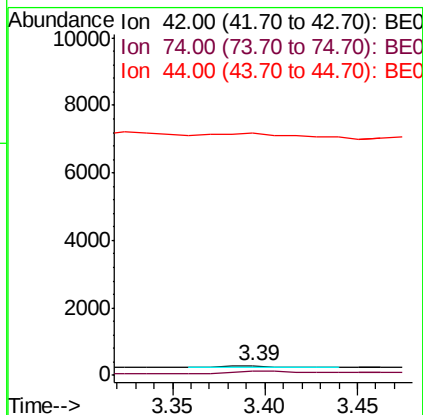
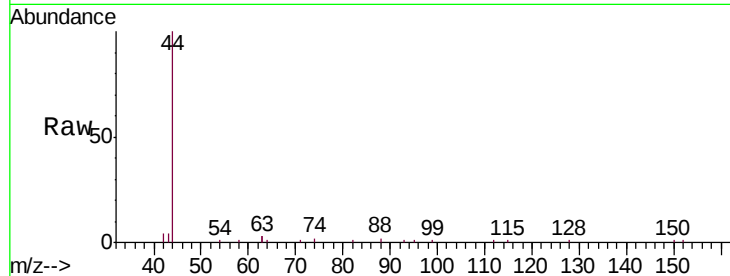
Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tgt Ion:	42	Resp:	125
Ion	Ratio	Lower	Upper
42	100		
74	122.4	96.0	144.0
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.155 ng

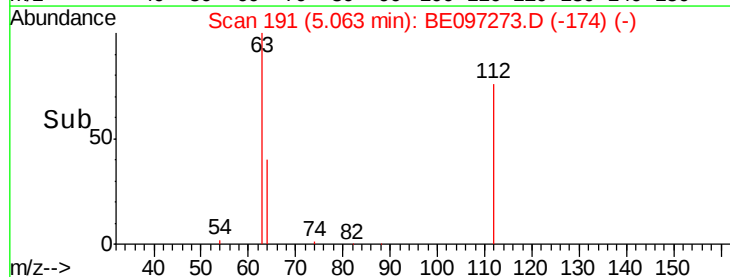
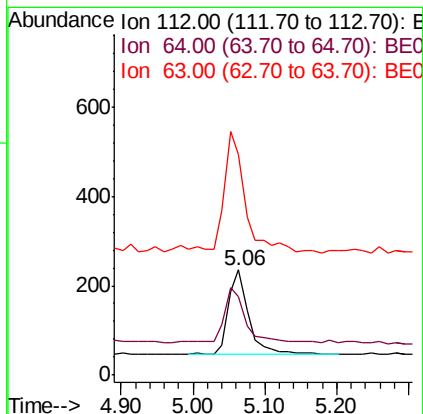
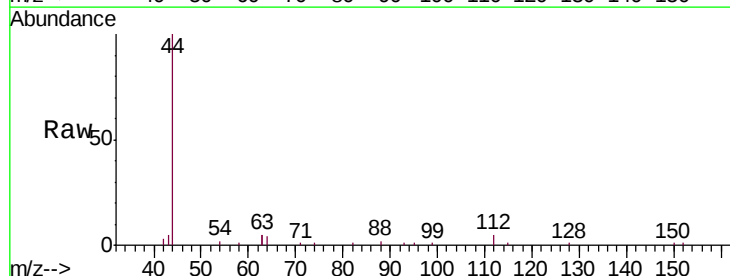
RT: 5.06 min Scan# 191

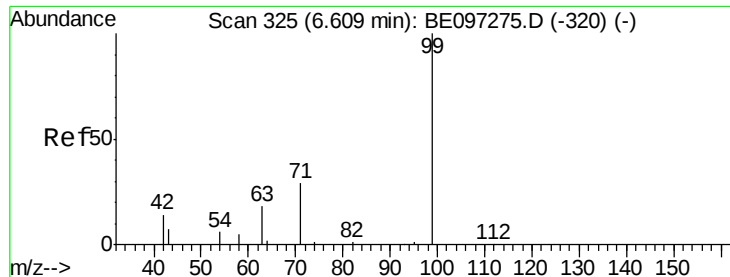
Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Tgt Ion:	112	Resp:	366
Ion	Ratio	Lower	Upper
112	100		
64	72.4	60.1	90.1
63	149.2	116.8	175.2





#5

Phenol-d6

Concen: 0.128 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

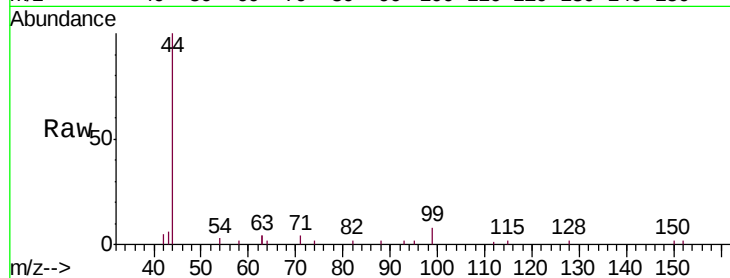
Tgt Ion: 99 Resp: 461

Ion Ratio Lower Upper

99 100

42 26.5 20.2 30.2

71 34.3 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

6.61

300

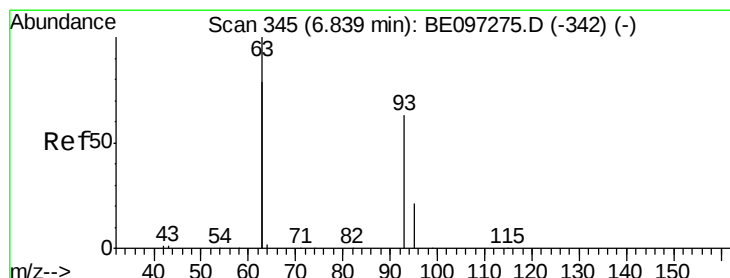
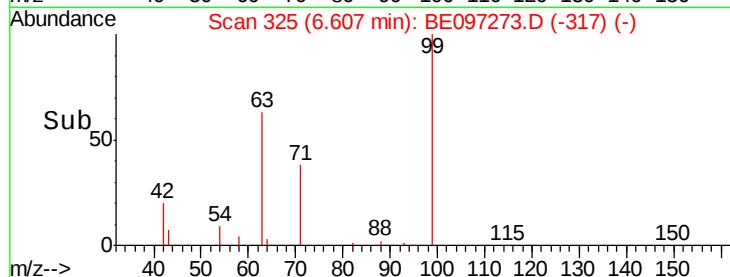
200

100

0

6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.109 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

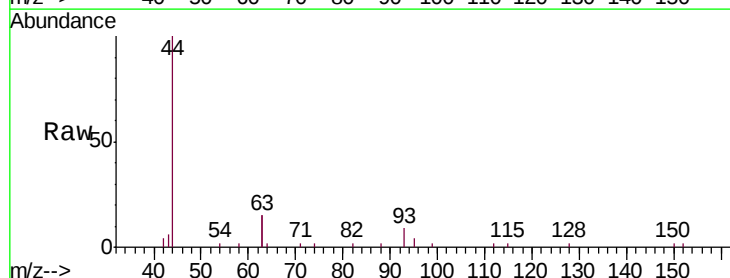
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

93 100

63 311.6 275.3 412.9

95 29.5 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

1200

1000

800

600

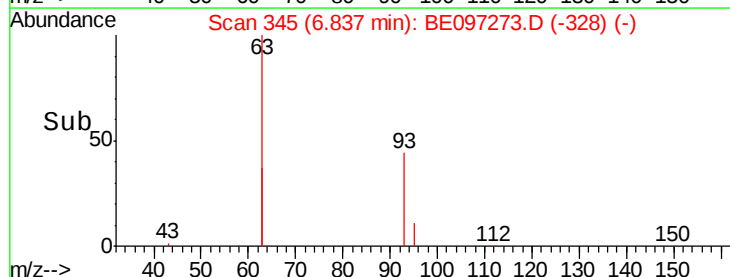
400

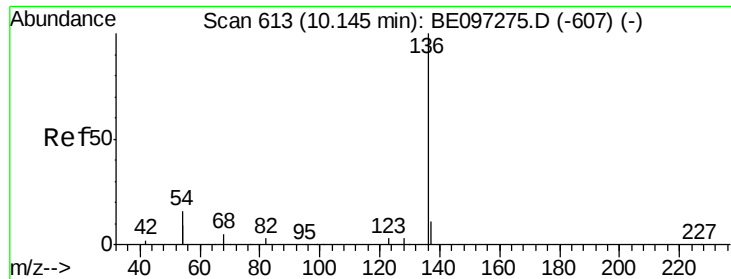
200

0

6.75 6.80 6.85 6.90 6.95

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 4949

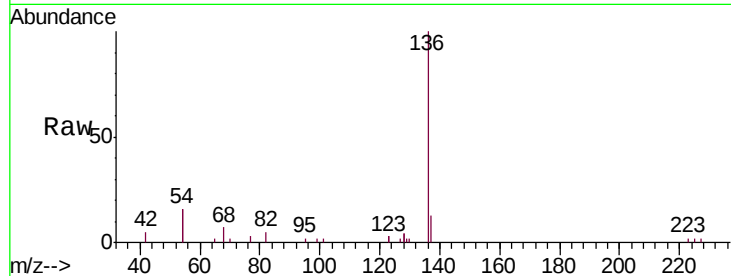
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 31.8 29.1 43.7

68 6.8 6.2 9.2

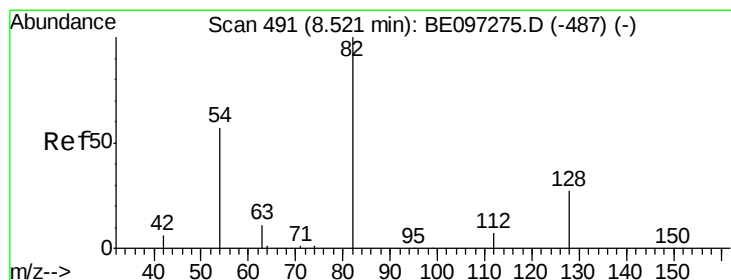
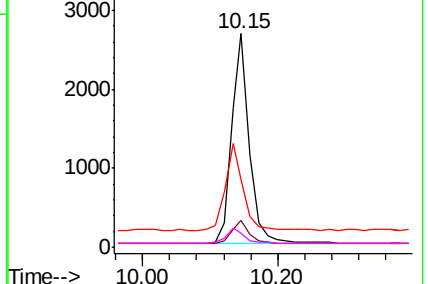
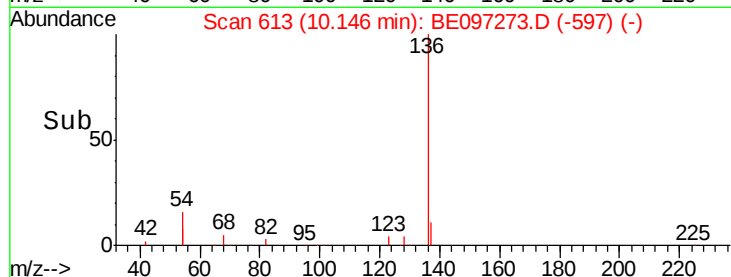


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.127 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

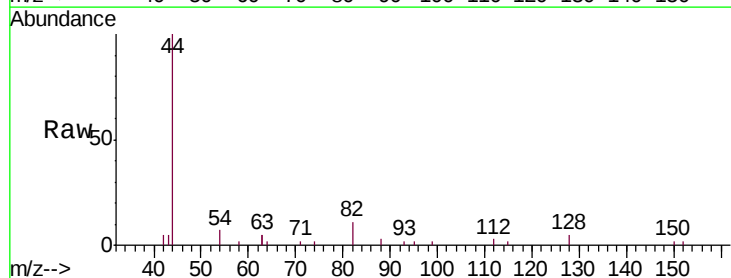
Tgt Ion: 82 Resp: 460

Ion Ratio Lower Upper

82 100

128 43.9 24.0 36.0#

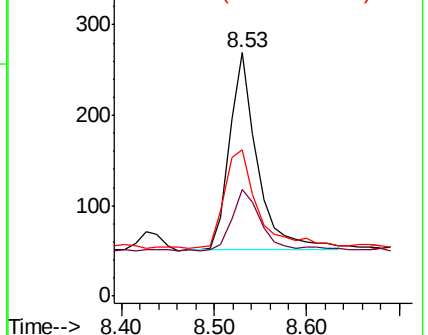
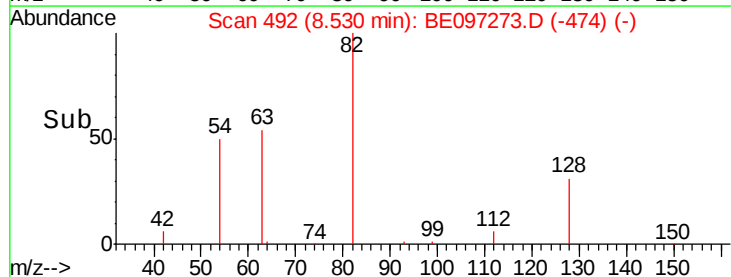
54 60.2 40.0 60.0#

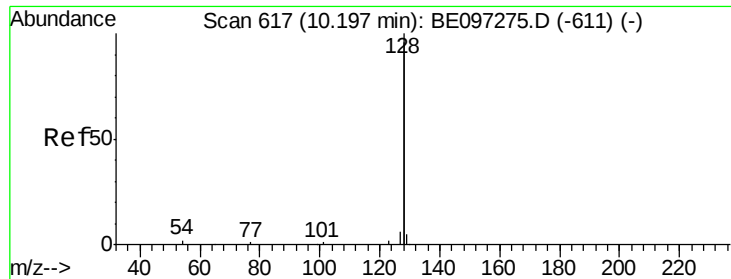


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.118 ng

RT: 10.19 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

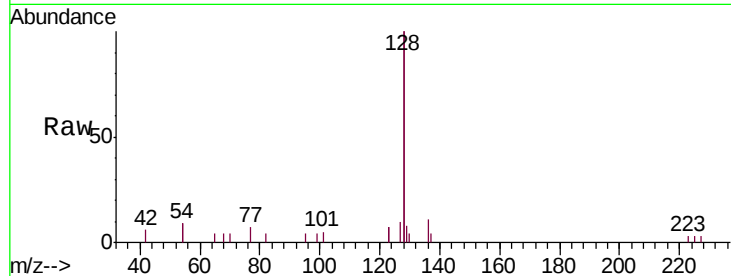
Tgt Ion:128 Resp: 5213

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

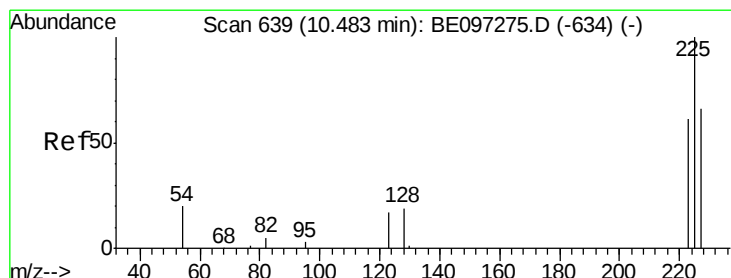
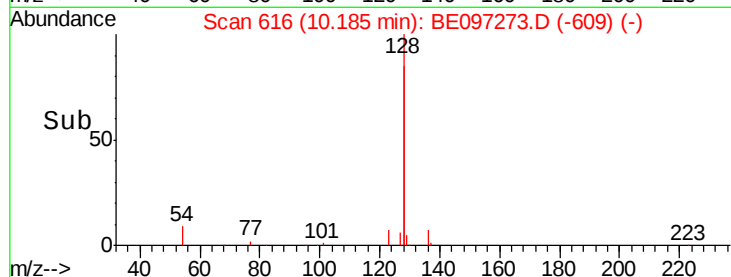
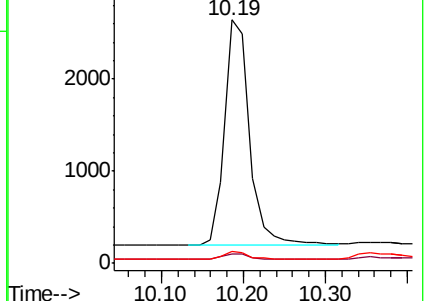
127 4.8 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.126 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

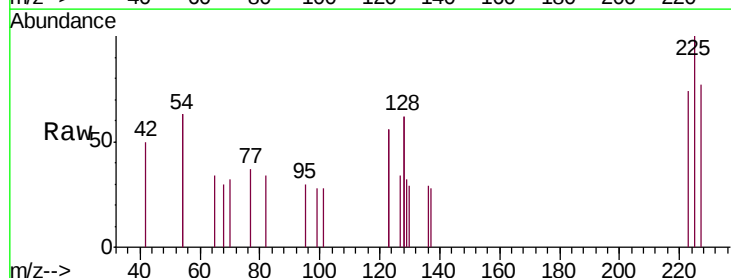
Tgt Ion:225 Resp: 225

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

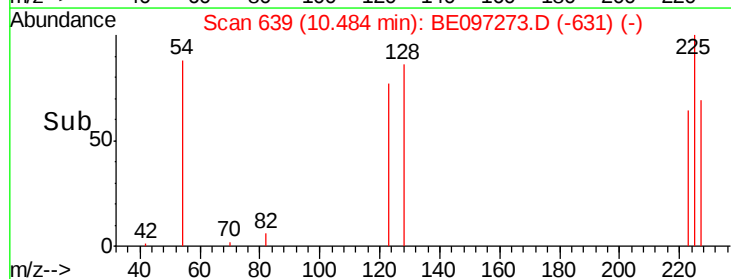
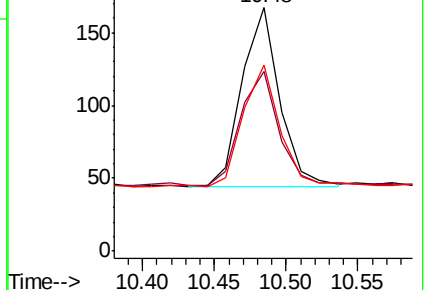
227 66.7 51.4 77.2

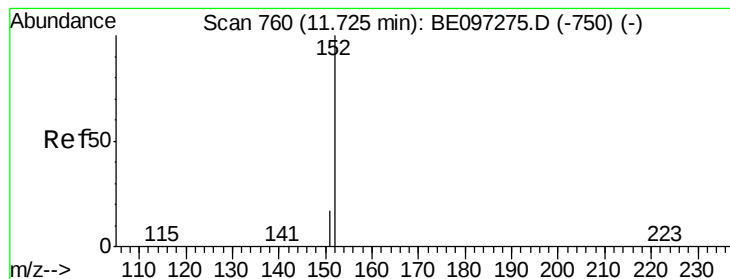


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.097 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

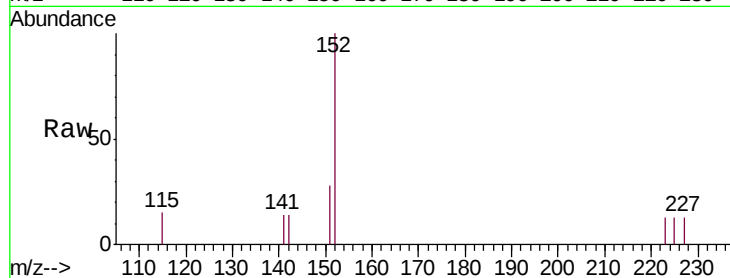
SSTDIC0.1

Tgt Ion:152 Resp: 703

Ion Ratio Lower Upper

152 100

151 17.9 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

400

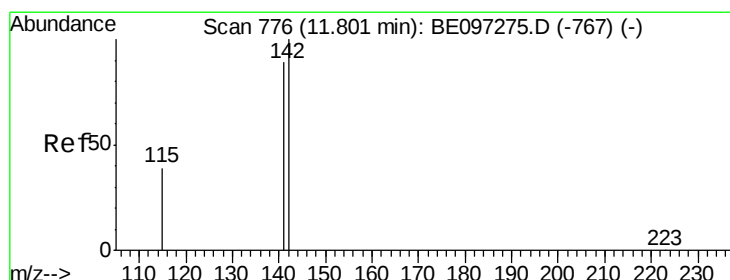
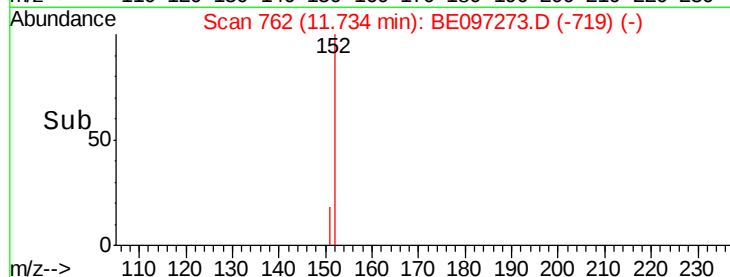
300

200

100

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.106 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

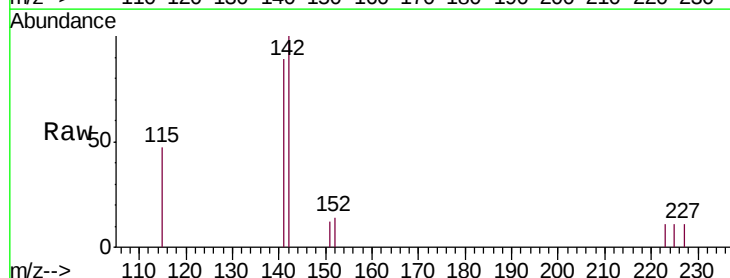
Tgt Ion:142 Resp: 795

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

115 47.5 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

500

400

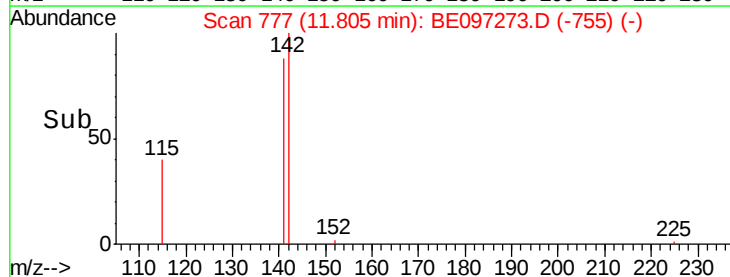
300

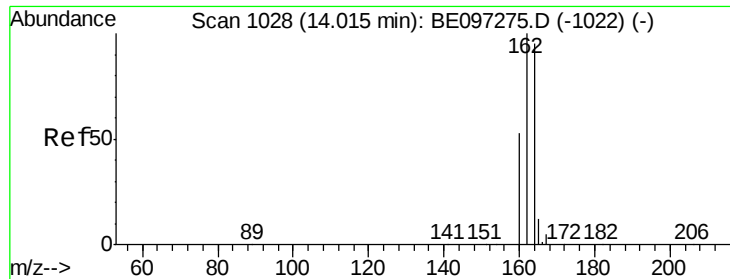
200

100

0

Time--> 11.80 11.90

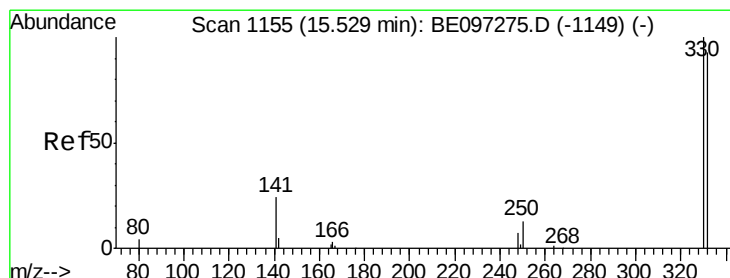
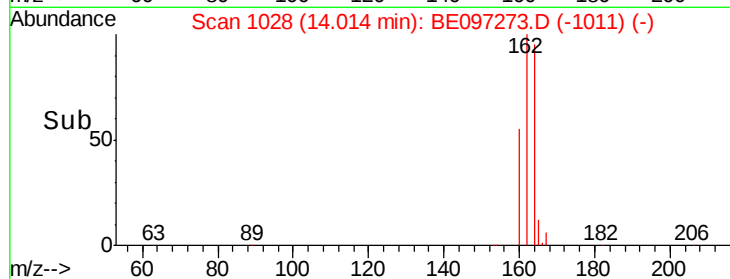
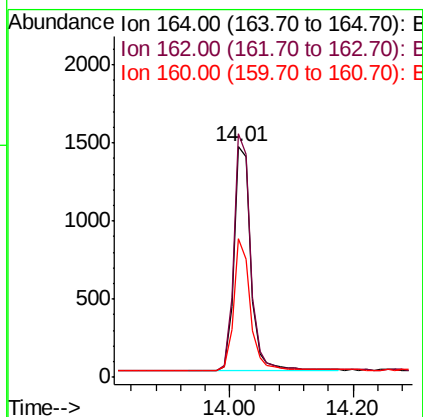
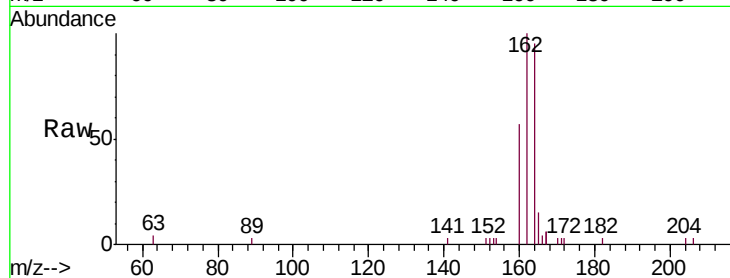




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097273.D
 Acq: 15 Aug 2018 10:30

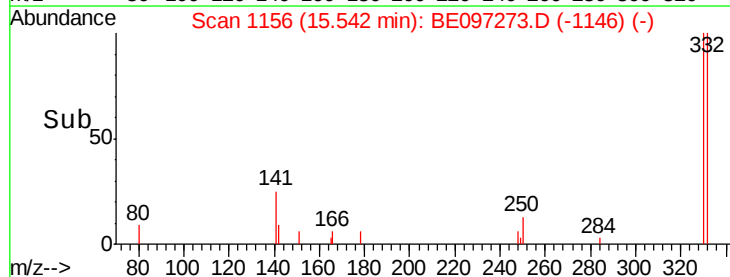
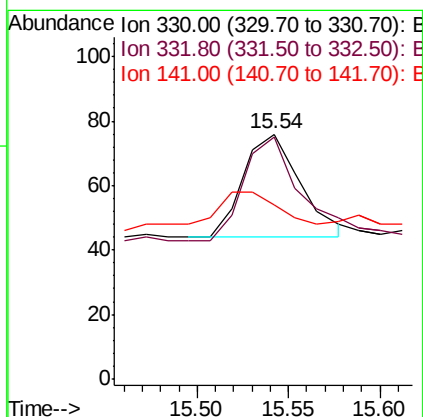
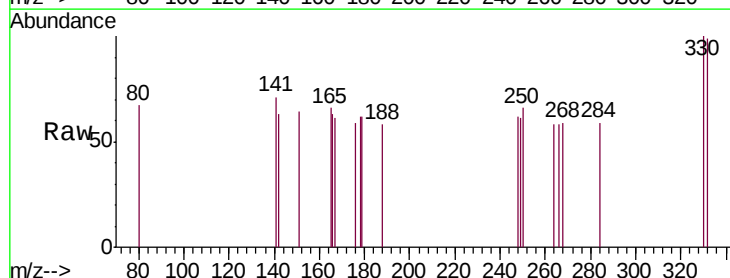
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

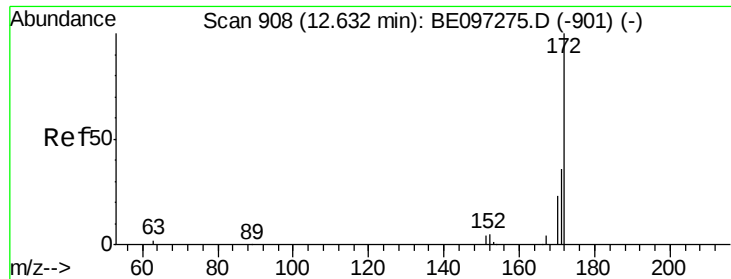
Tgt Ion:164 Resp: 2714
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.1 124.7
 160 59.9 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.102 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BE097273.D
 Acq: 15 Aug 2018 10:30

Tgt Ion:330 Resp: 70
 Ion Ratio Lower Upper
 330 100
 332 100.0 152.7 229.1#
 141 0.0 33.7 50.5#

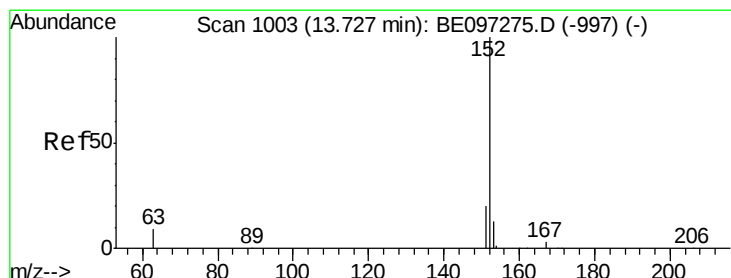
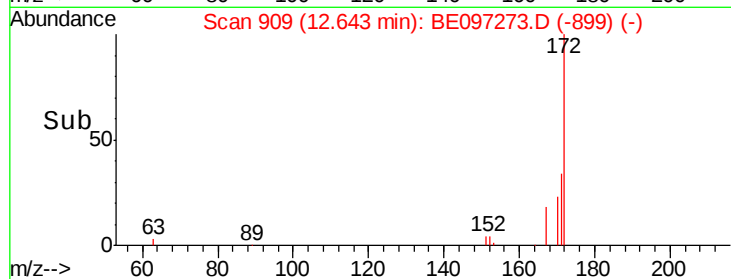
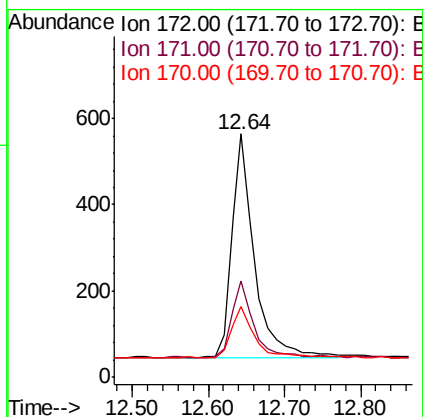
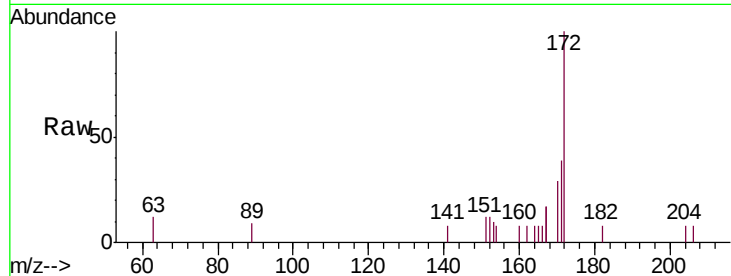




#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.01 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

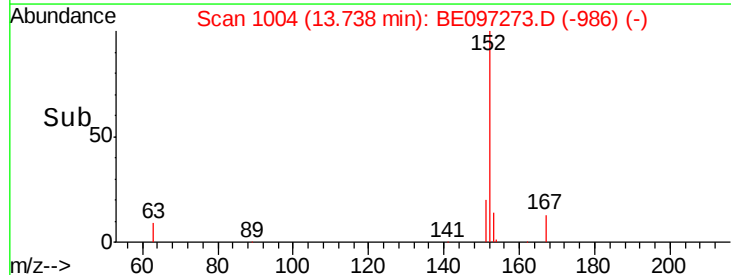
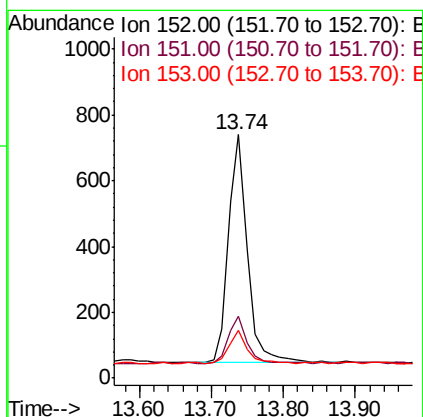
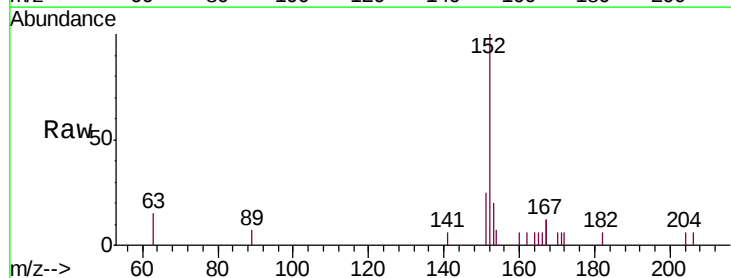
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

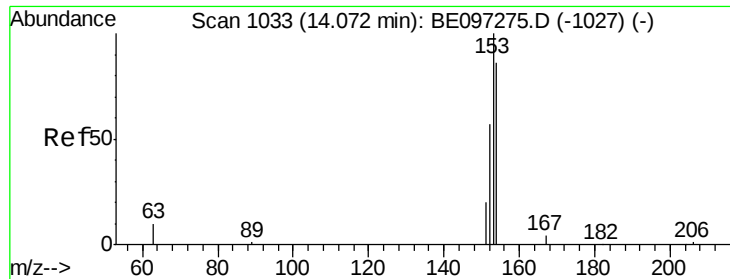
Tgt Ion:172 Resp: 1095
Ion Ratio Lower Upper
172 100
171 39.4 29.9 44.9
170 29.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.103 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

Tgt Ion:152 Resp: 1271
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.091 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

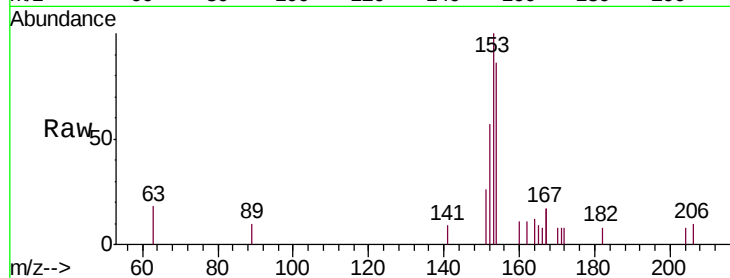
Tgt Ion:154 Resp: 701

Ion Ratio Lower Upper

154 100

153 117.1 89.2 133.8

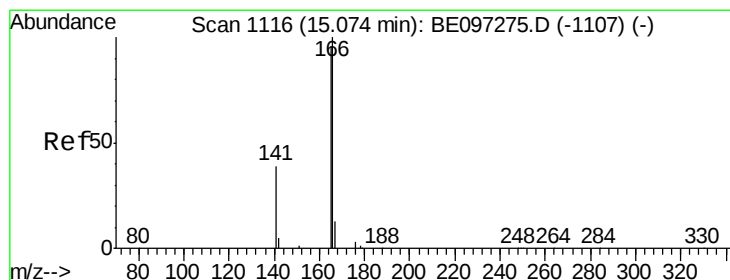
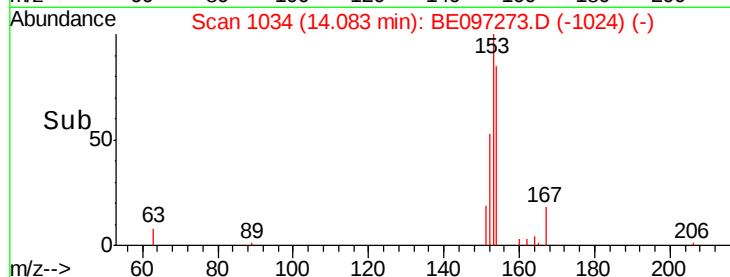
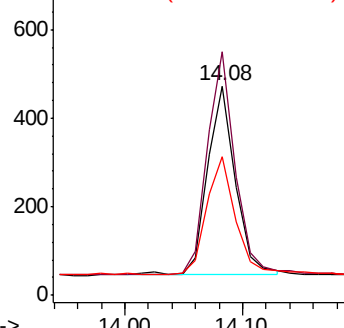
152 64.3 42.0 63.0#



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: 0.103 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

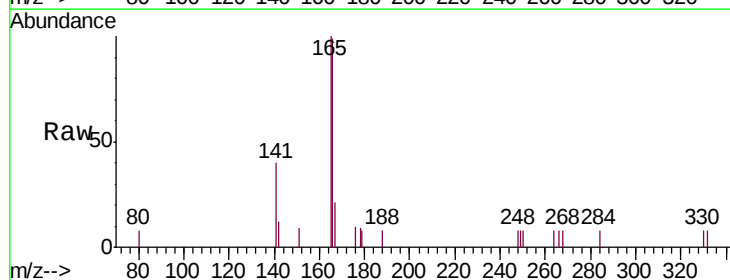
Tgt Ion:166 Resp: 890

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.6

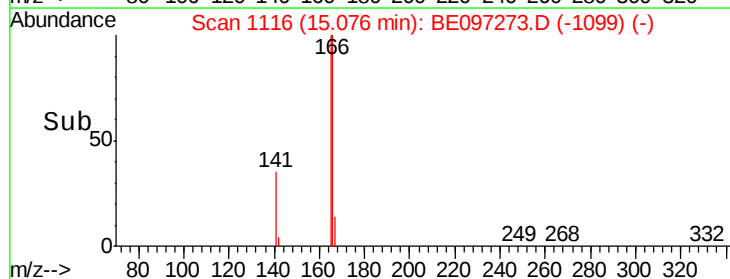
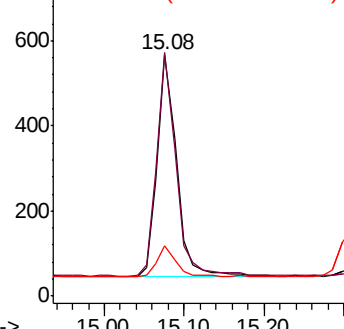
167 13.4 42.4 63.6#

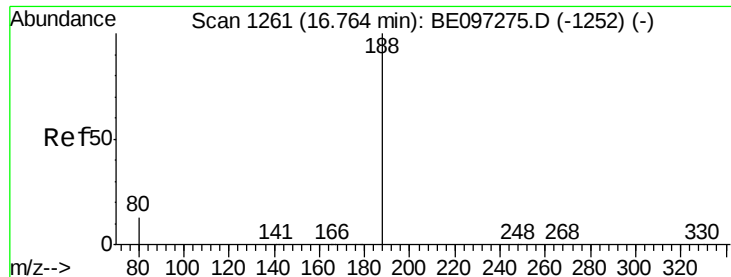


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

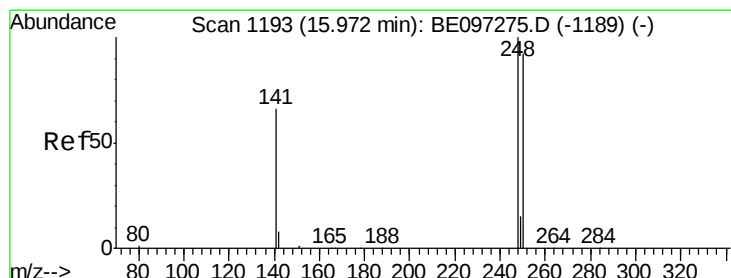
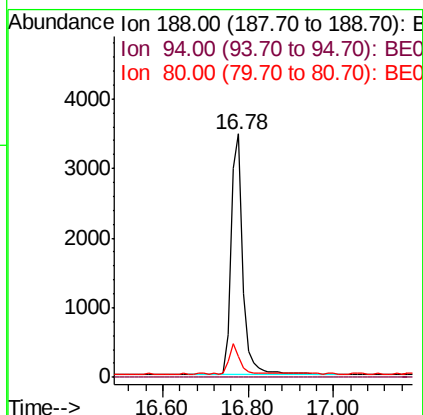
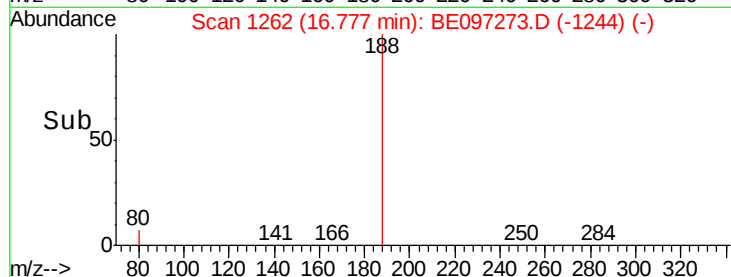
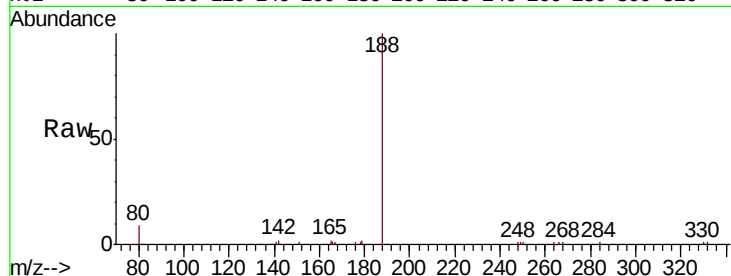
Tgt Ion:188 Resp: 6306

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.8 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.107 ng

RT: 15.98 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

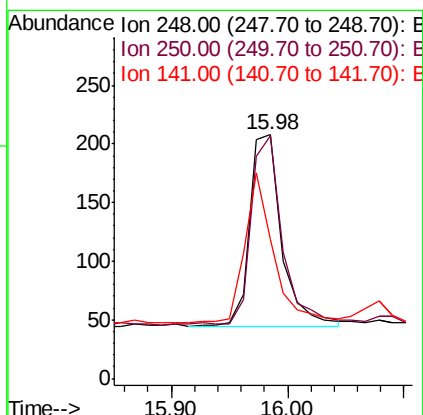
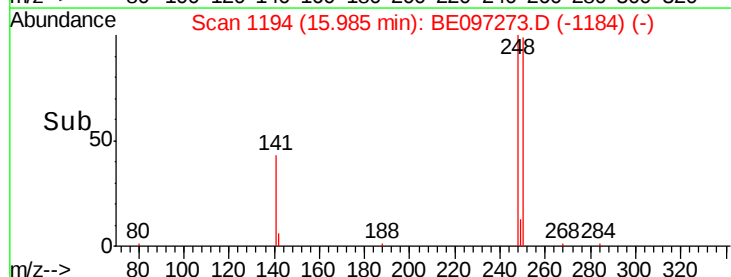
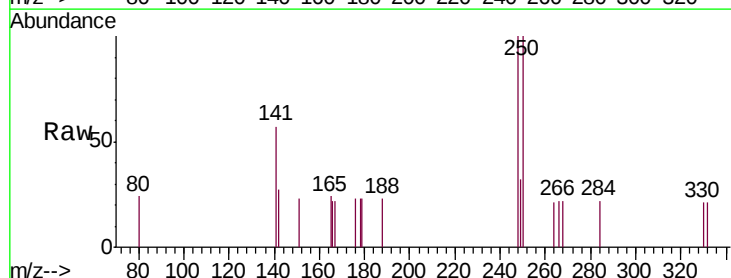
Tgt Ion:248 Resp: 318

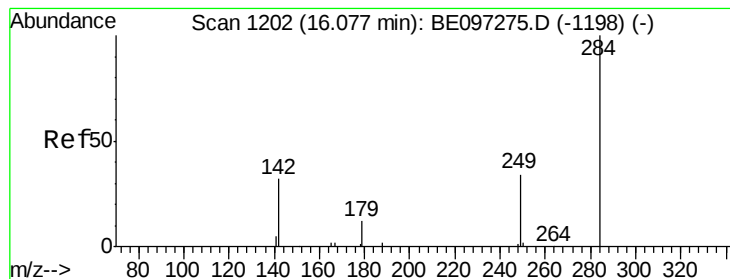
Ion Ratio Lower Upper

248 100

250 99.5 62.7 94.1#

141 57.2 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.111 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

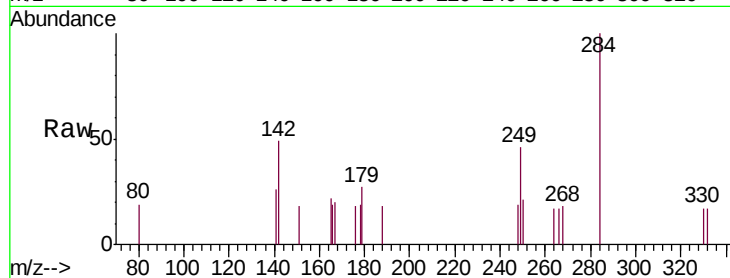
Tgt Ion: 284 Resp: 368

Ion Ratio Lower Upper

284 100

142 35.1 22.1 33.1#

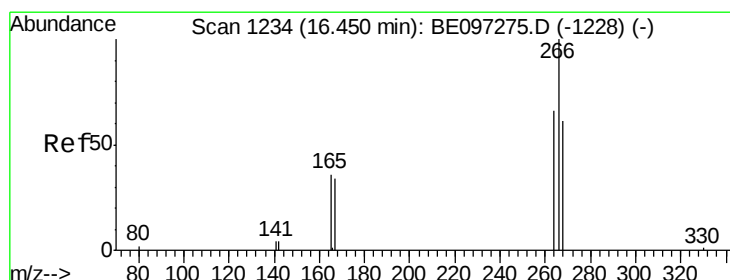
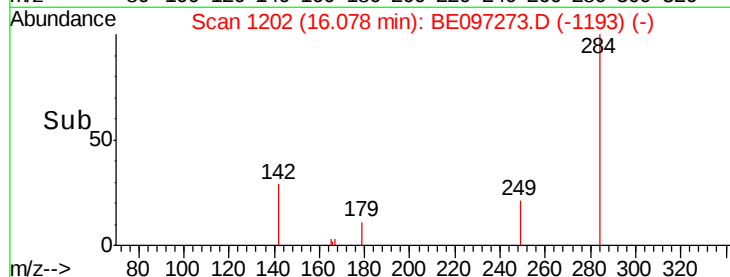
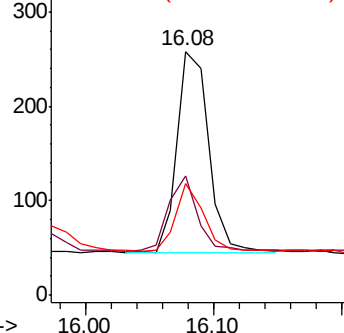
249 30.4 34.8 52.2#



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: 0.167 ng

RT: 16.46 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

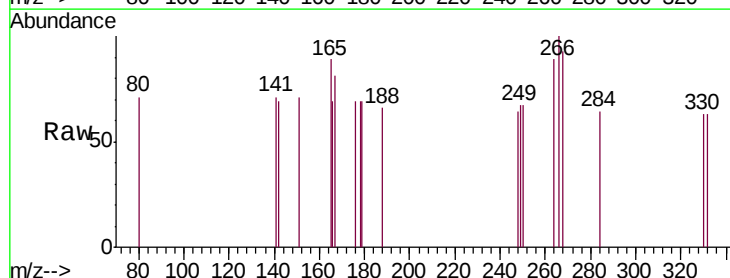
Tgt Ion: 266 Resp: 91

Ion Ratio Lower Upper

266 100

264 88.6 72.5 108.7

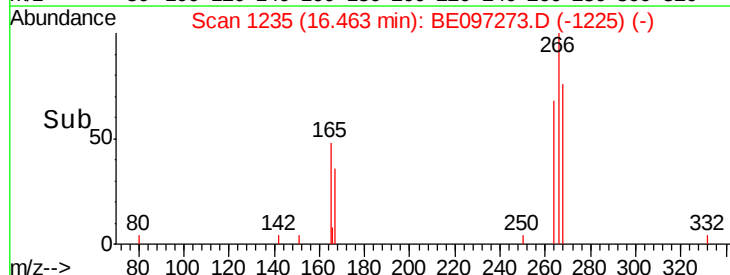
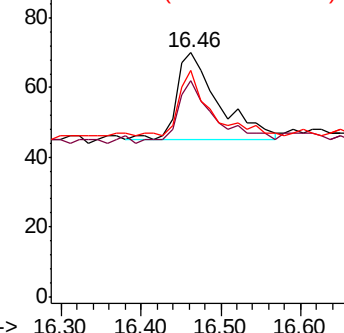
268 92.9 73.8 110.6

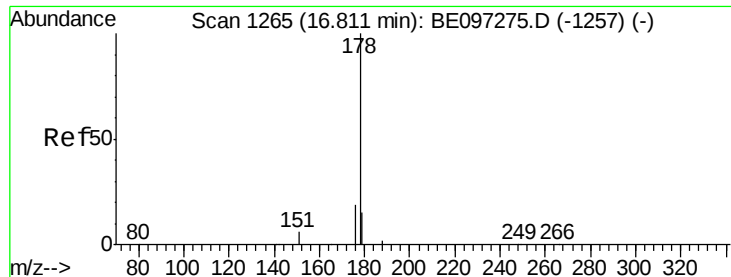


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.101 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

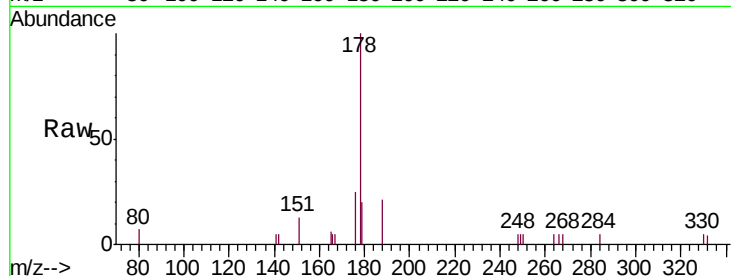
Tgt Ion:178 Resp: 1525

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

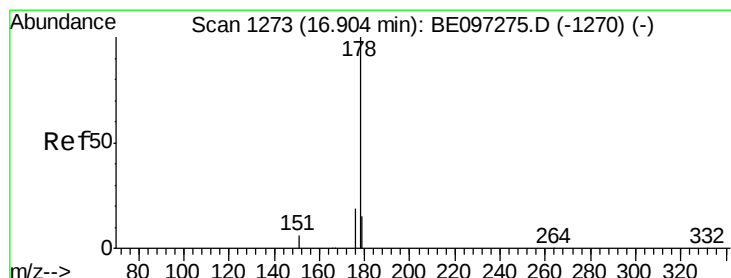
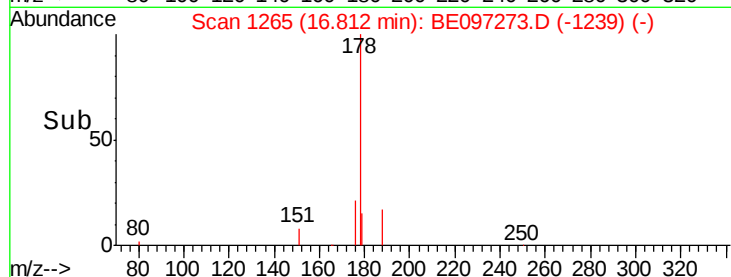
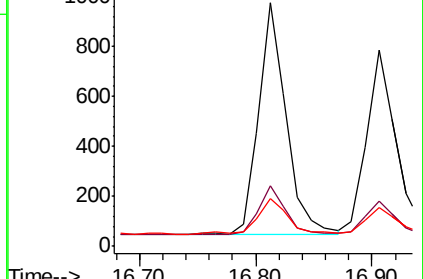
179 16.9 11.8 17.6



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: 0.099 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

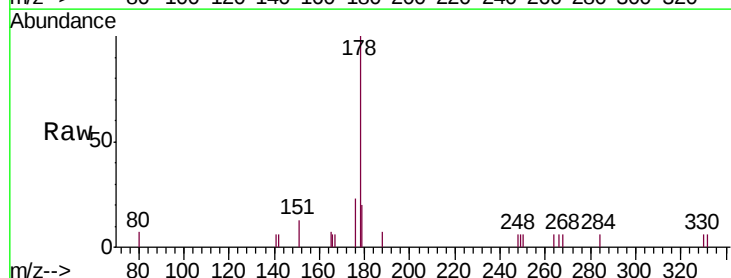
Tgt Ion:178 Resp: 1299

Ion Ratio Lower Upper

178 100

176 17.9 12.8 19.2

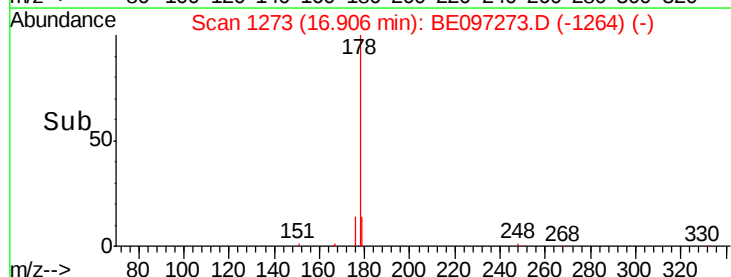
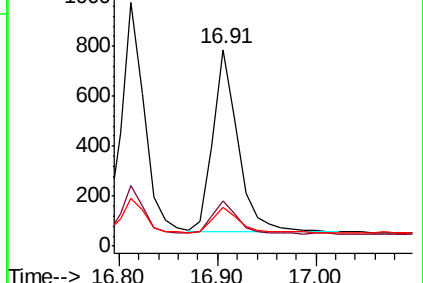
179 14.7 13.0 19.6

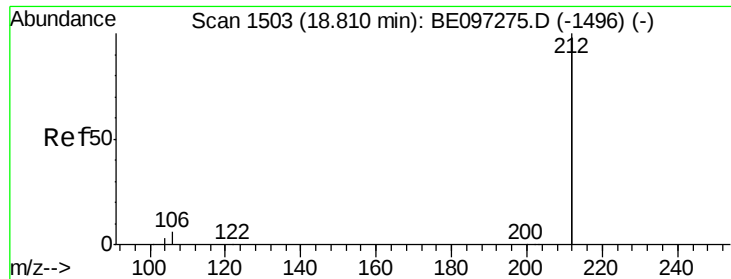


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.117 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

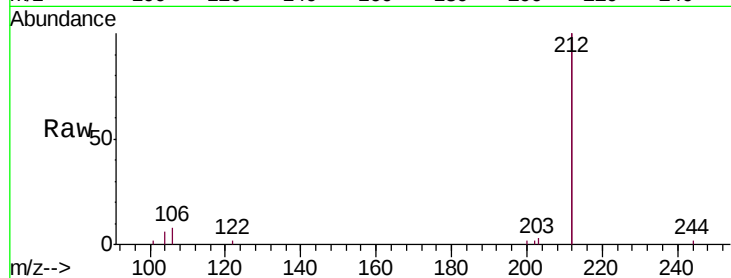
Tgt Ion:212 Resp: 6425

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

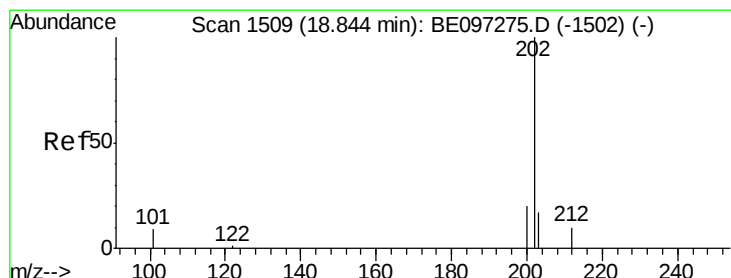
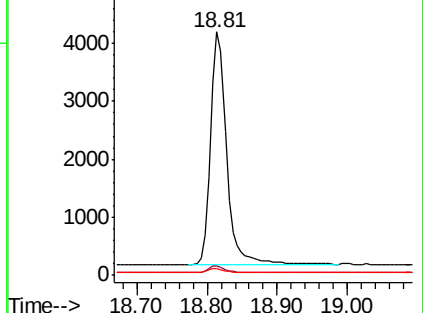
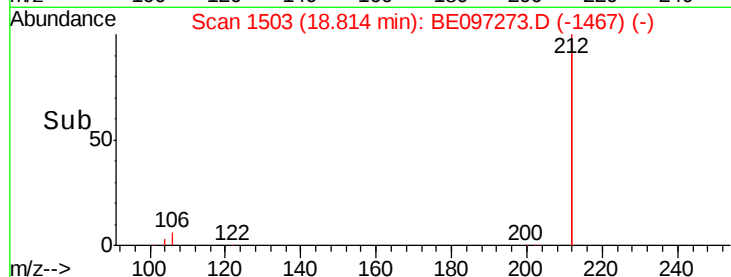
104 1.7 1.6 2.4



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: 0.108 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

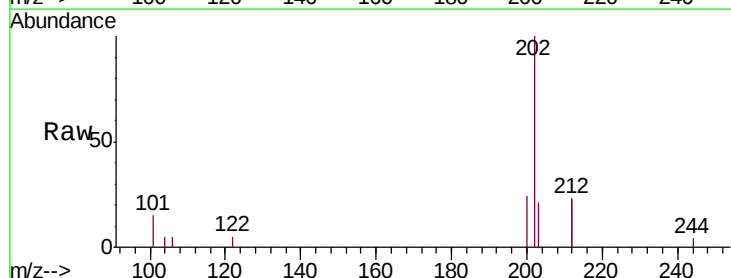
Tgt Ion:202 Resp: 1716

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

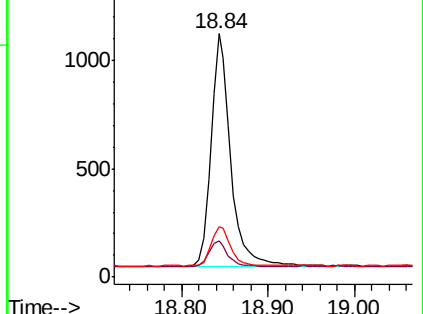
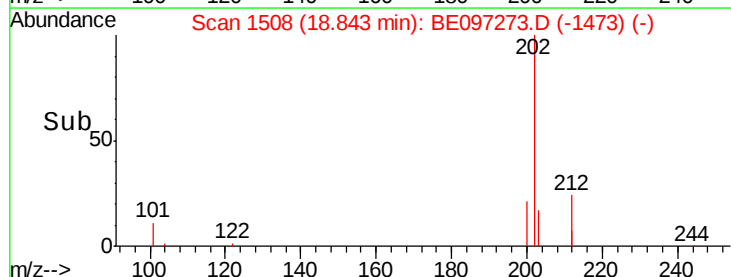
203 17.4 13.7 20.5

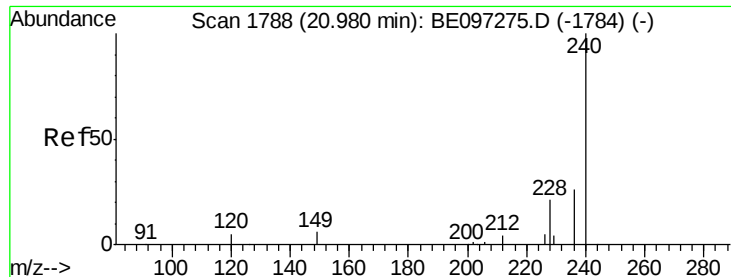


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

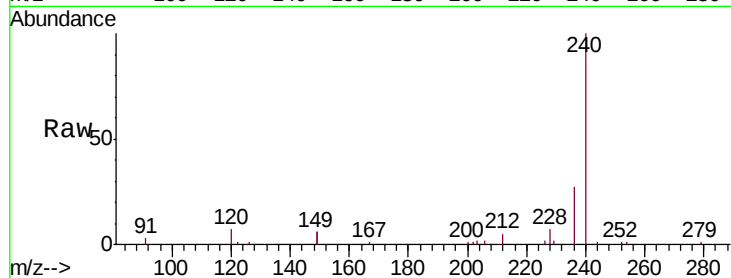




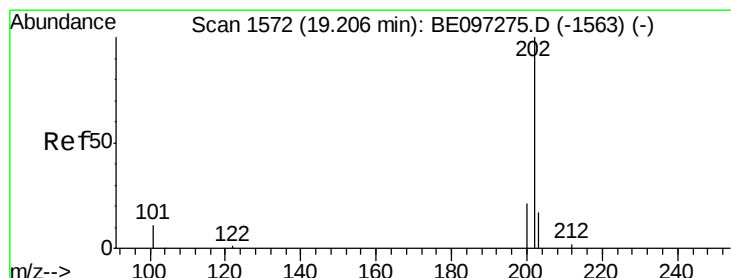
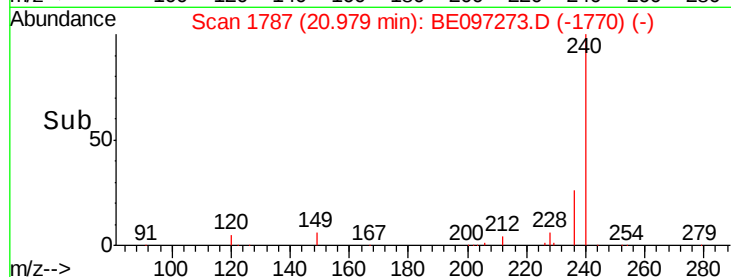
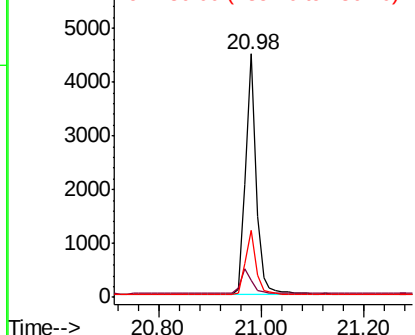
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097273.D
 Acq: 15 Aug 2018 10:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:240 Resp: 6458
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.5 8.3
 236 27.3 20.7 31.1

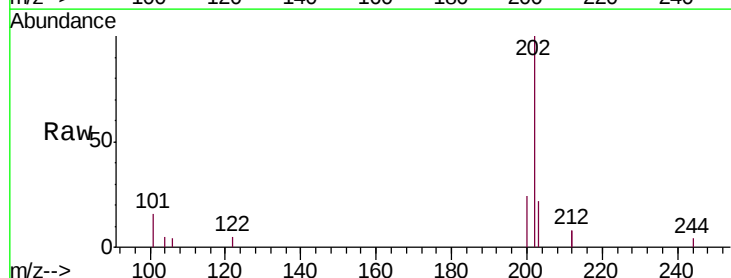


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

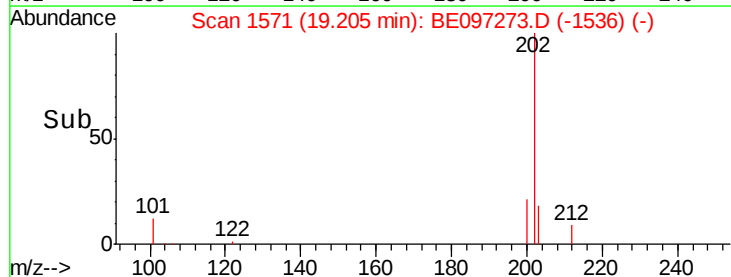
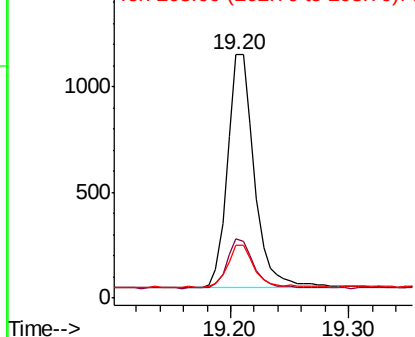


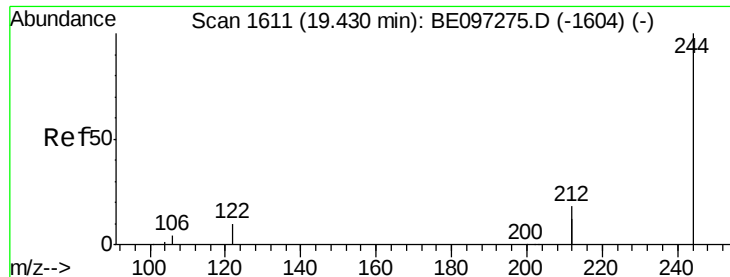
#28
 Pyrene
 Concen: 0.091 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BE097273.D
 Acq: 15 Aug 2018 10:30

Tgt Ion:202 Resp: 1740
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 17.8 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: 0.095 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

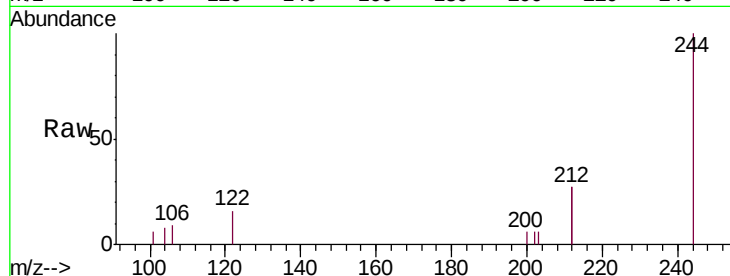
Tgt Ion:244 Resp: 1186

Ion Ratio Lower Upper

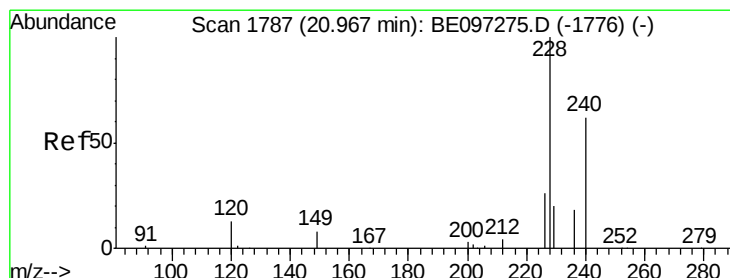
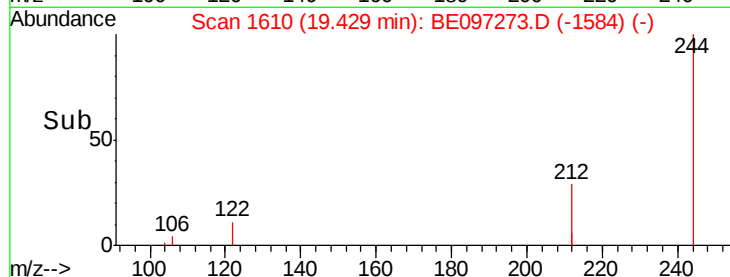
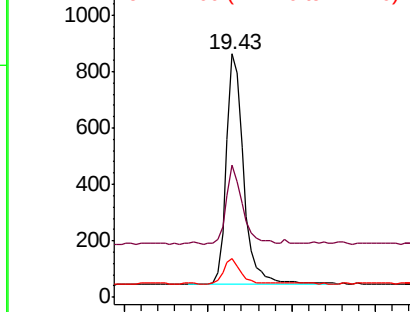
244 100

212 54.2 25.4 38.0#

122 15.8 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: 0.108 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.05 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

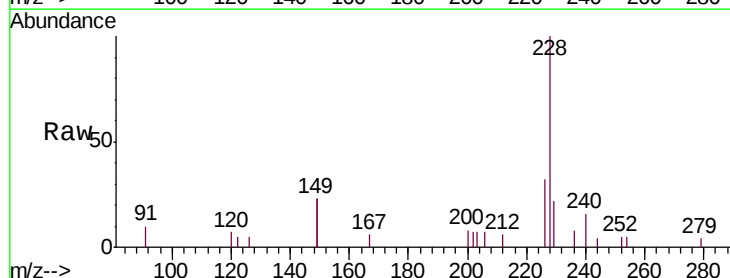
Tgt Ion:228 Resp: 1662

Ion Ratio Lower Upper

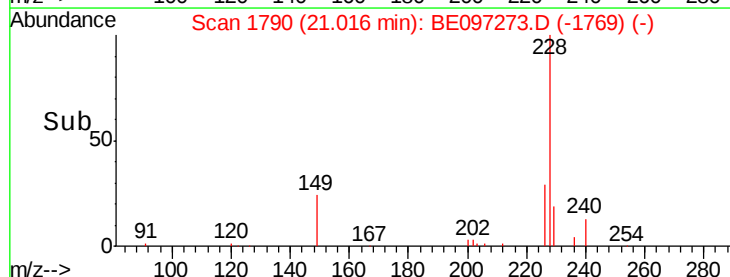
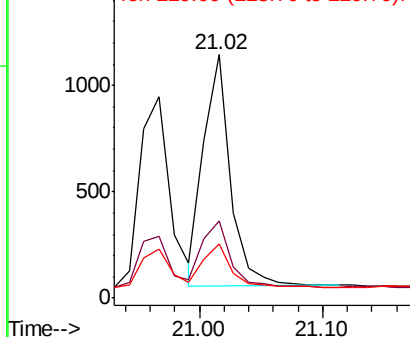
228 100

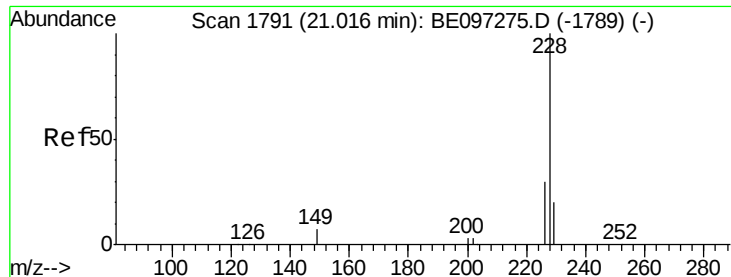
226 31.7 24.0 36.0

229 22.4 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: 0.095 ng

RT: 21.02 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

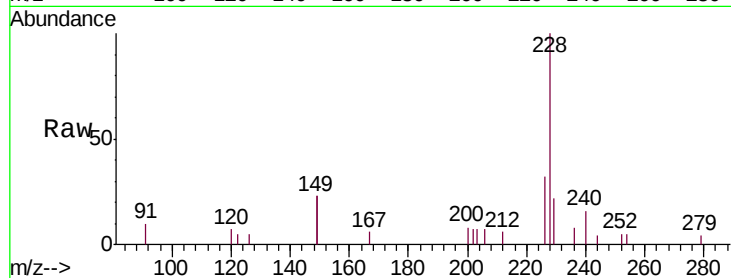
Tgt Ion:228 Resp: 1637

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

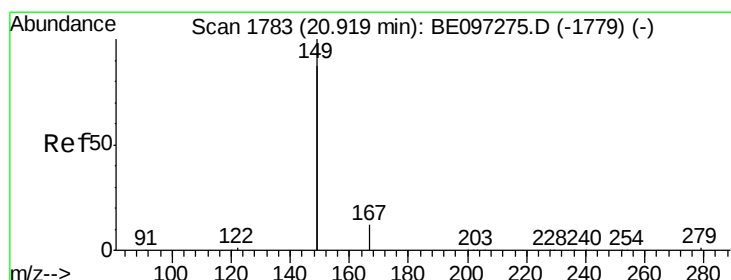
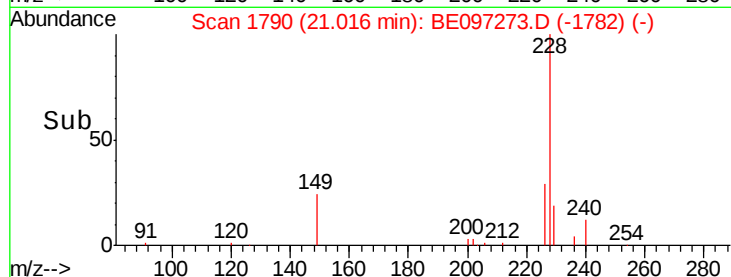
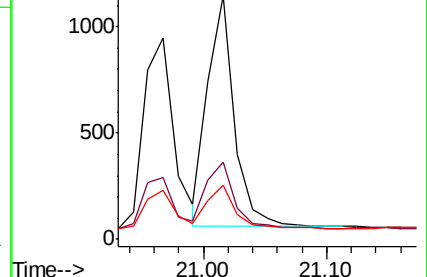
229 22.4 16.0 24.0



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: 0.152 ng

RT: 20.92 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

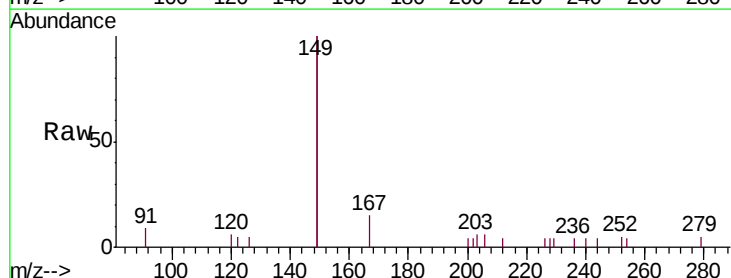
Tgt Ion:149 Resp: 2336

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

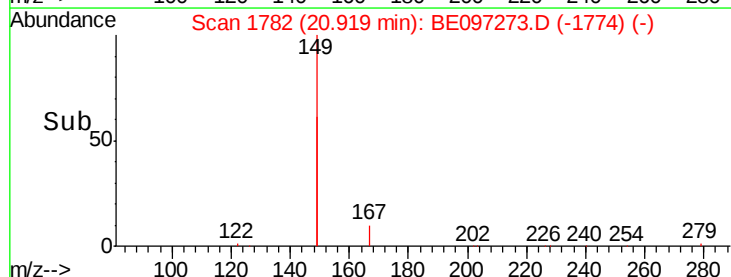
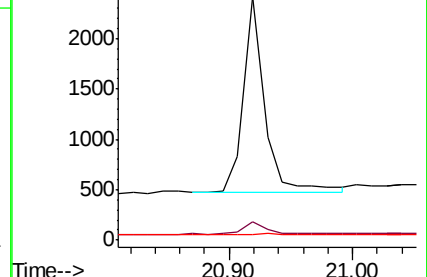
279 1.0 0.7 1.1

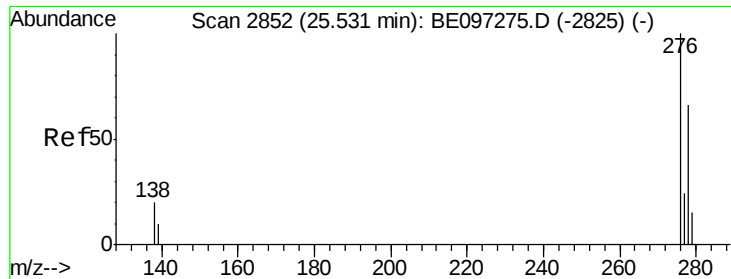


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.145 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

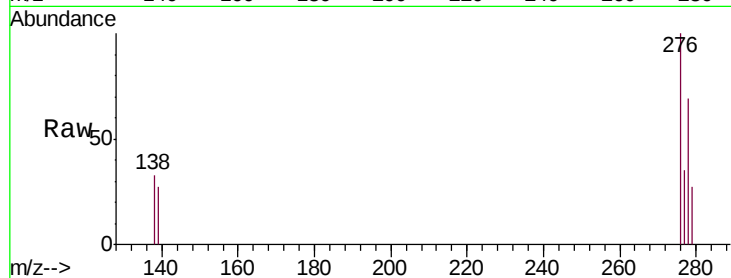
Tgt Ion:276 Resp: 1818

Ion Ratio Lower Upper

276 100

138 19.5 22.5 33.7#

277 23.7 19.9 29.9

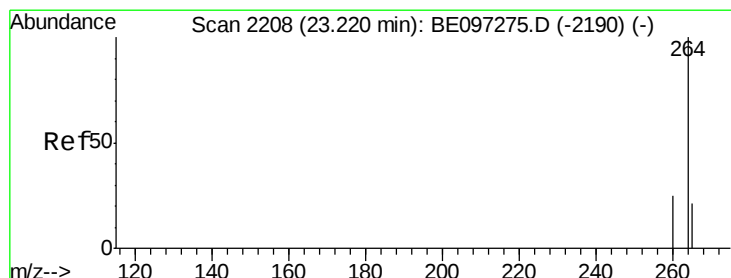
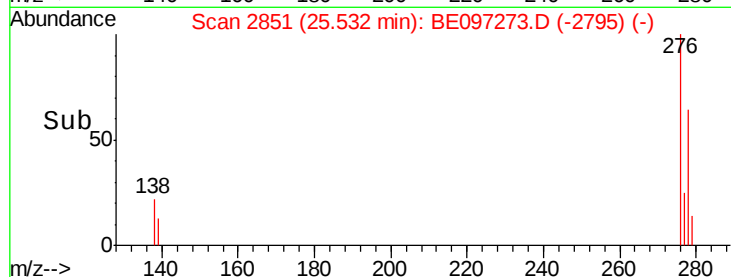
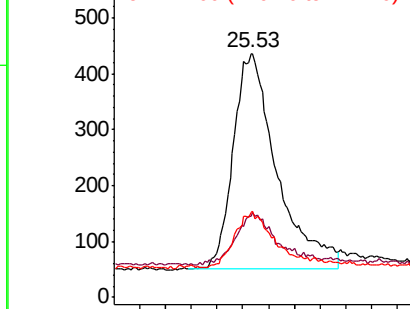


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

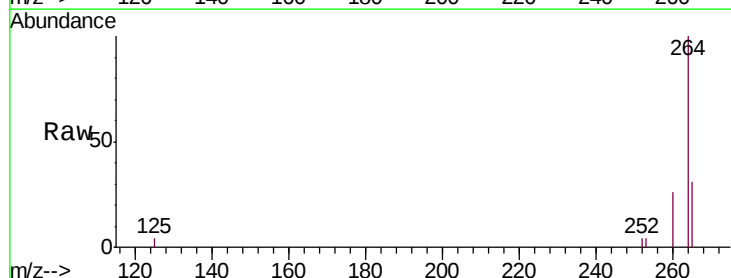
Tgt Ion:264 Resp: 6557

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 30.7 22.8 34.2

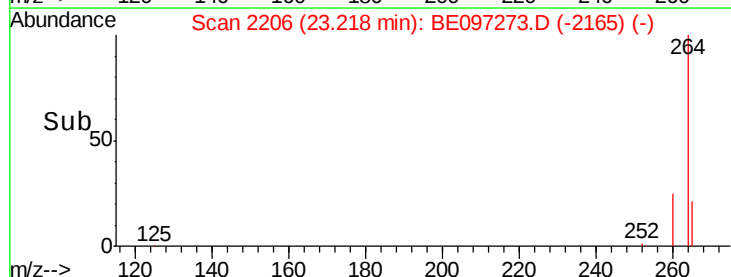
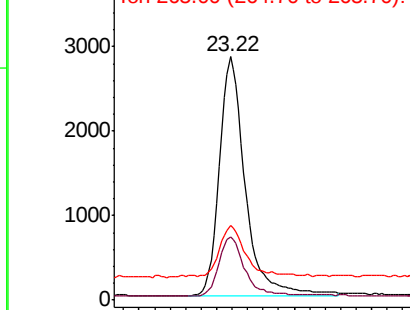


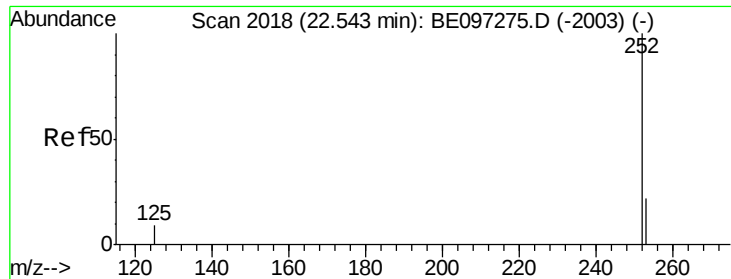
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

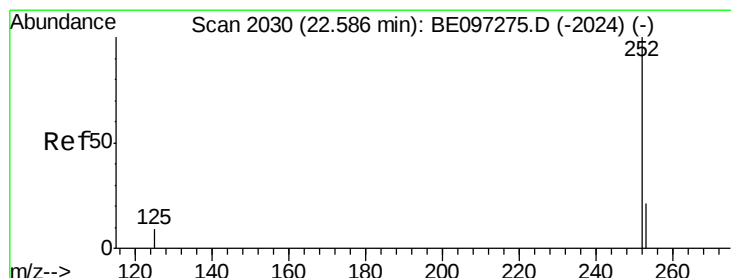
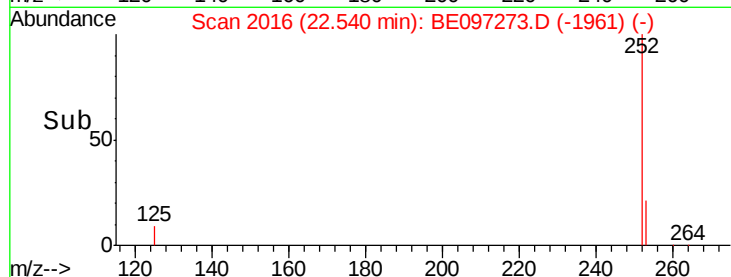
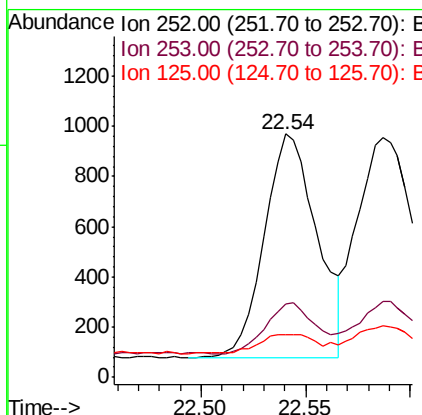
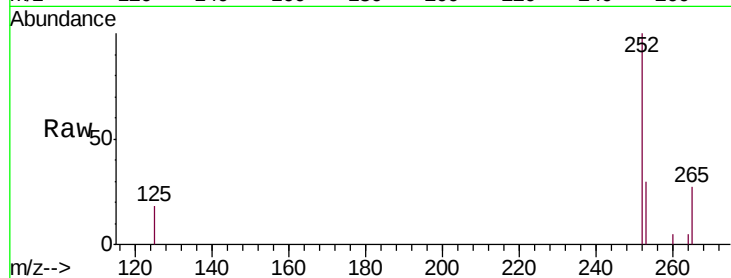




#35
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

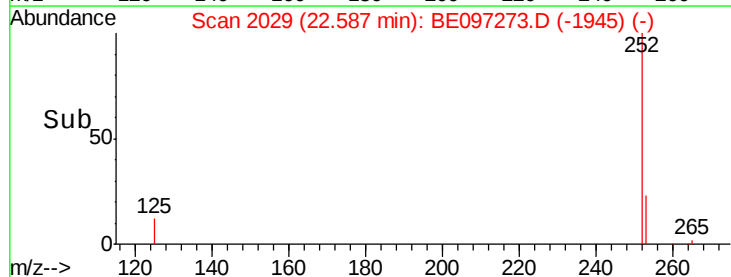
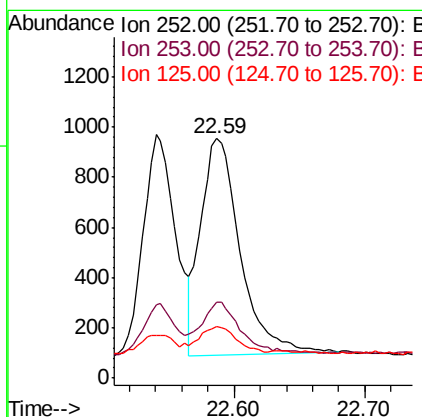
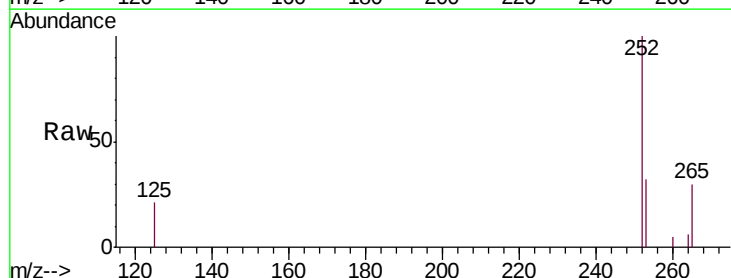
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

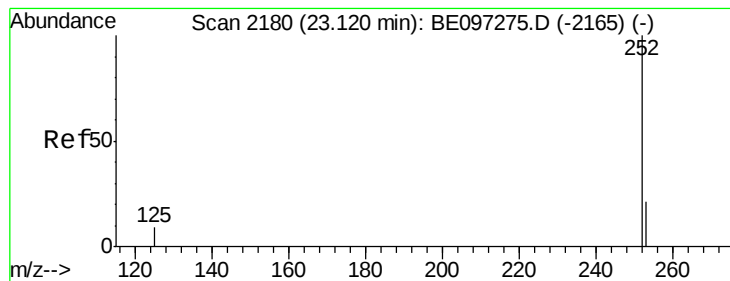
Tgt Ion:252 Resp: 1565
Ion Ratio Lower Upper
252 100
253 30.2 20.0 30.0#
125 17.7 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097273.D
Acq: 15 Aug 2018 10:30

Tgt Ion:252 Resp: 1811
Ion Ratio Lower Upper
252 100
253 31.7 16.0 24.0#
125 21.4 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.103 ng

RT: 23.12 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

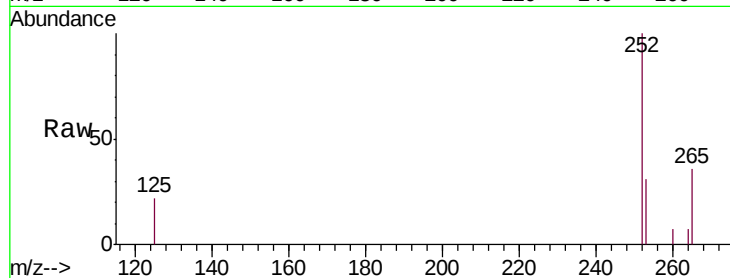
Tgt Ion: 252 Resp: 1547

Ion Ratio Lower Upper

252 100

253 30.8 16.0 24.0#

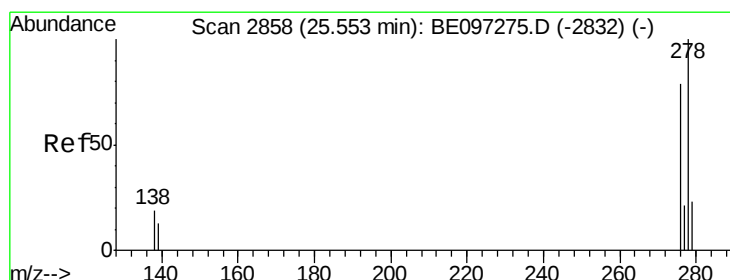
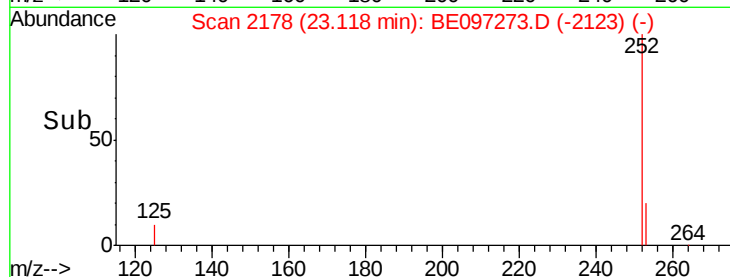
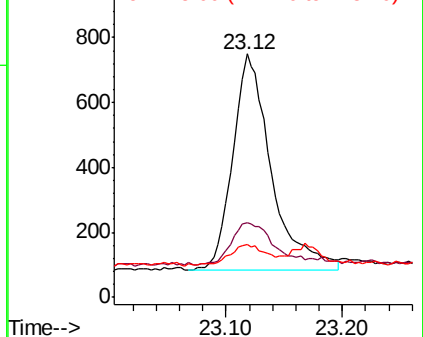
125 21.7 12.0 18.0#



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: 0.122 ng

RT: 25.55 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BE097273.D

Acq: 15 Aug 2018 10:30

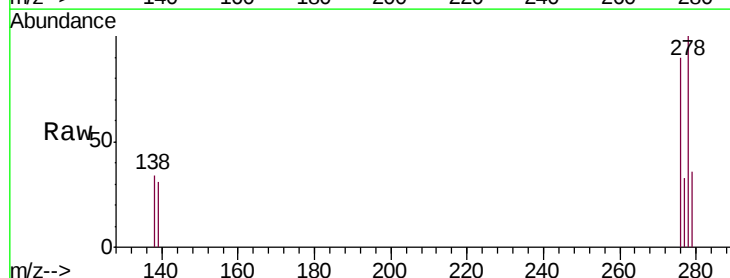
Tgt Ion: 278 Resp: 1497

Ion Ratio Lower Upper

278 100

139 30.6 16.0 24.0#

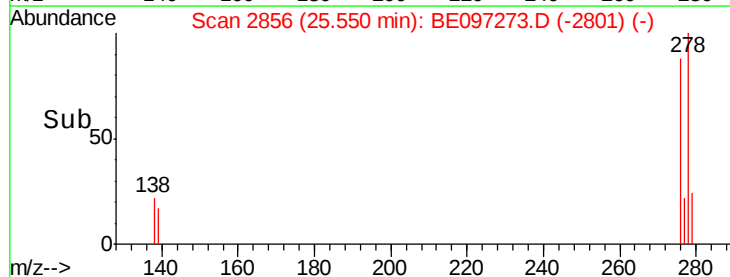
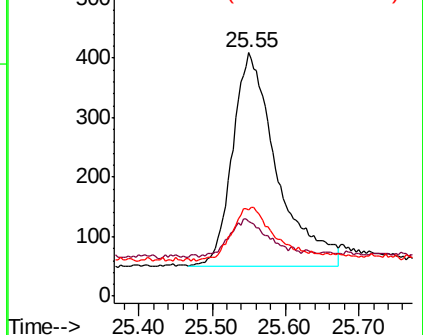
279 35.7 20.0 30.0#

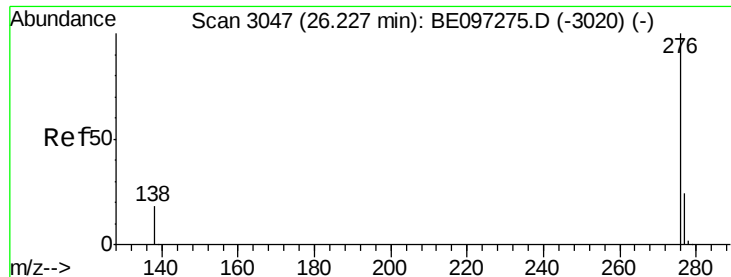


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.116 ng

RT: 26.22 min Scan# 3045

Delta R.T. -0.00 min

Lab File: BE097273.D

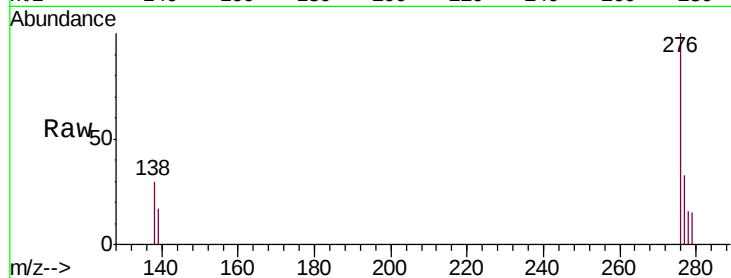
Acq: 15 Aug 2018 10:30

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



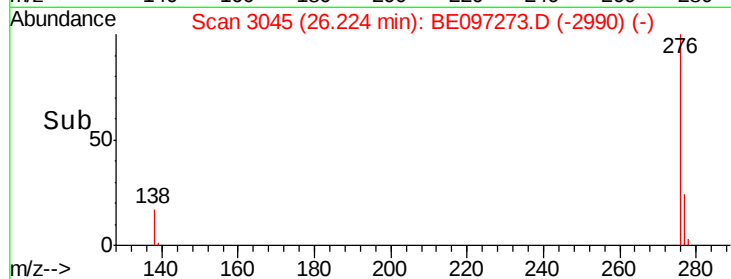
Tgt Ion: 276 Resp: 1580

Ion Ratio Lower Upper

276 100

277 33.2 16.0 24.0#

138 29.8 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

