

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097374.D
 Acq On : 28 Aug 2018 11:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 12:17:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	764	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3536	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1909	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	5478	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6894	0.40	ng	0.00
34) Perylene-d12	23.20	264	6537	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	881	0.39	ng	0.00
5) Phenol-d6	6.58	99	1134	0.38	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1037	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2011	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	254	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3005	0.43	ng	0.00
25) Fluoranthene-d10	18.80	212	27825	0.44	ng	0.00
29) Terphenyl-d14	19.42	244	5426	0.43	ng	0.00

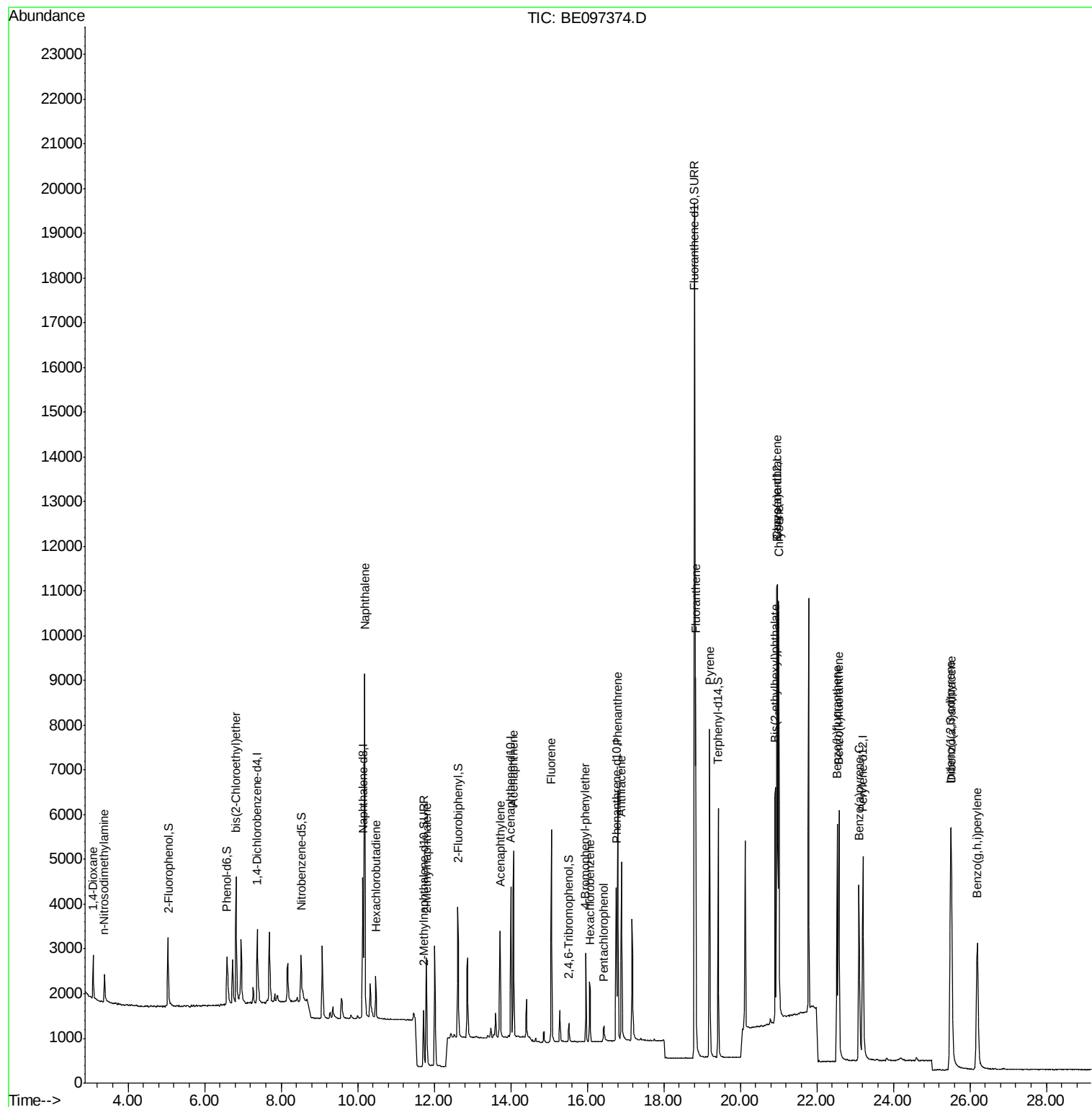
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	515	0.379	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	466	0.367	ng	# 93
6) bis(2-Chloroethyl)ether	6.83	93	1064	0.383	ng	93
9) Naphthalene	10.18	128	13415	0.417	ng	99
10) Hexachlorobutadiene	10.47	225	594	0.413	ng	98
12) 2-Methylnaphthalene	11.80	142	2061	0.406	ng	99
16) Acenaphthylene	13.73	152	3134	0.413	ng	100
17) Acenaphthene	14.07	154	2123	0.419	ng	95
18) Fluorene	15.06	166	2724	0.425	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1022	0.410	ng	# 79
21) Hexachlorobenzene	16.08	284	1178	0.428	ng	# 83
22) Pentachlorophenol	16.44	266	266	0.451	ng	# 82
23) Phenanthrene	16.80	178	5466	0.419	ng	99
24) Anthracene	16.89	178	4524	0.408	ng	96
26) Fluoranthene	18.83	202	7262	0.444	ng	98
28) Pyrene	19.20	202	7272	0.443	ng	100
30) Benzo(a)anthracene	20.95	228	6810	0.391	ng	97
31) Chrysene	21.00	228	7833	0.417	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7642	0.392	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	8103	0.332	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	6769	0.387	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	7838	0.404	ng	95
37) Benzo(a)pyrene	23.10	252	6517	0.386	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	6732	0.333	ng	# 95
39) Benzo(g,h,i)perylene	26.19	276	6988	0.334	ng	# 89

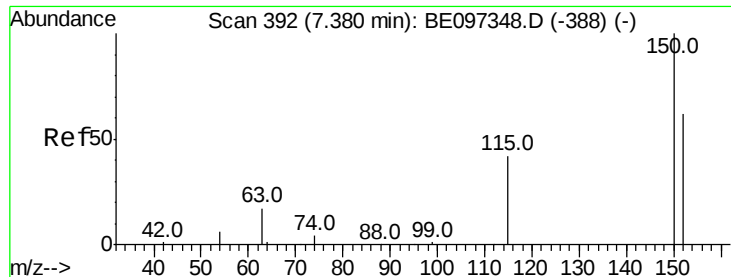
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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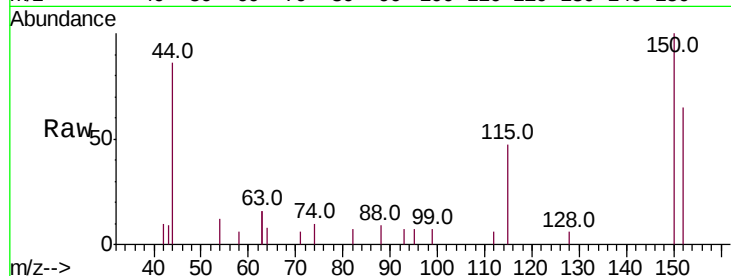


#1

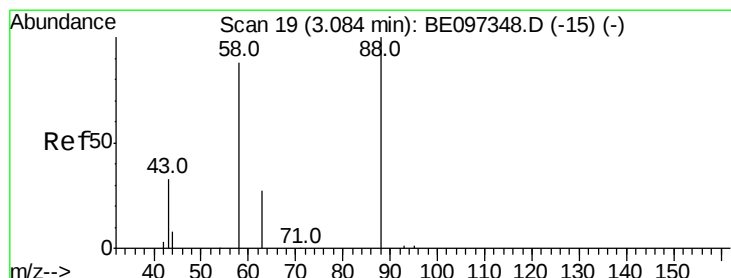
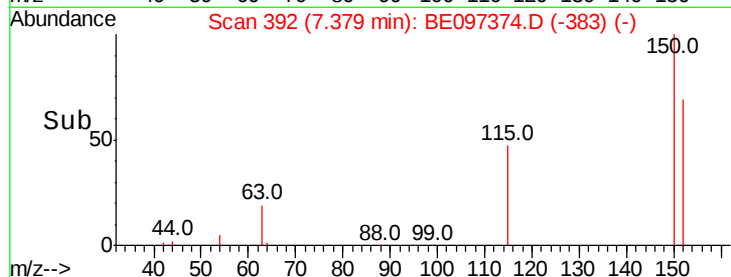
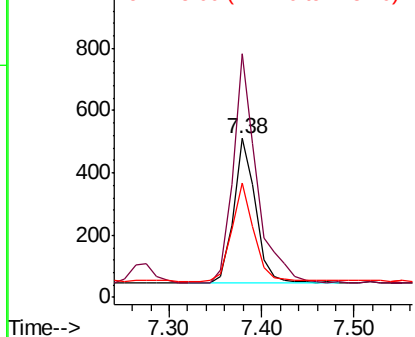
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 764
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 72.4 57.0 85.6



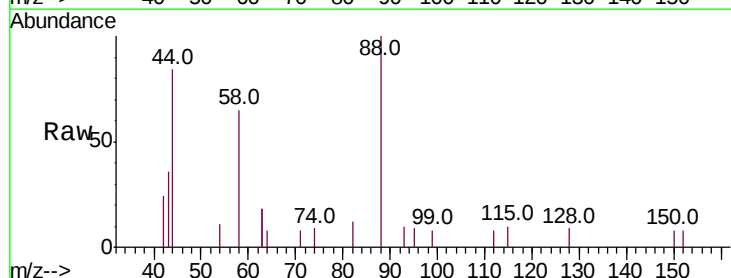
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



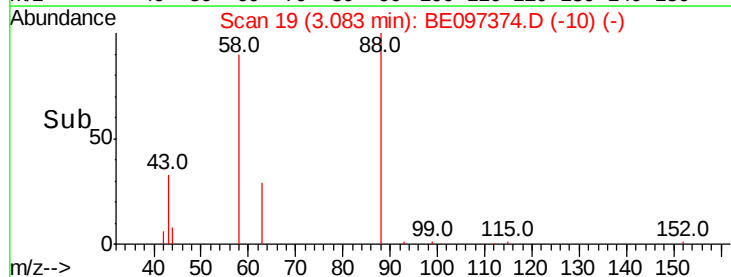
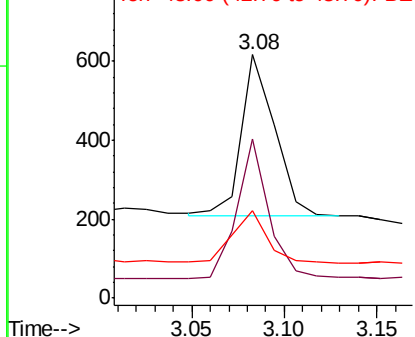
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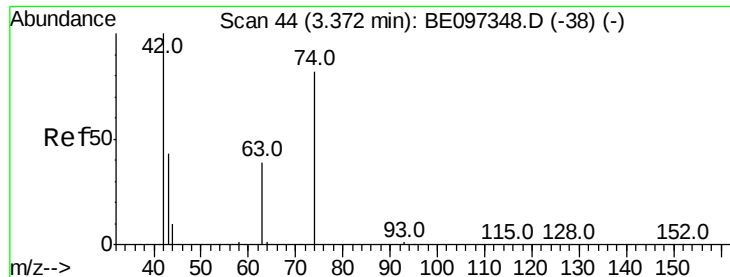
1,4-Dioxane
Concen: 0.379 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion: 88 Resp: 515
Ion Ratio Lower Upper
88 100
58 84.3 63.2 94.8
43 34.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



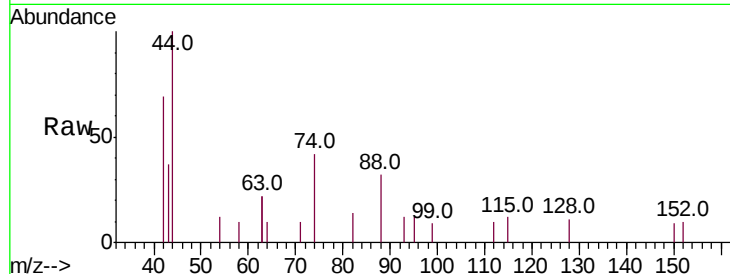


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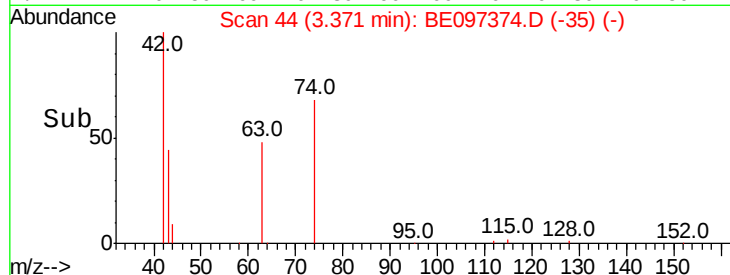
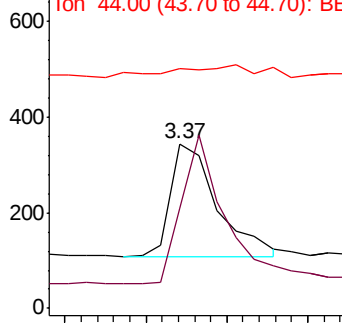
n-Nitrosodimethylamine
 Concen: 0.367 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

Instrument :
 BNA_E
 ClientSampled :

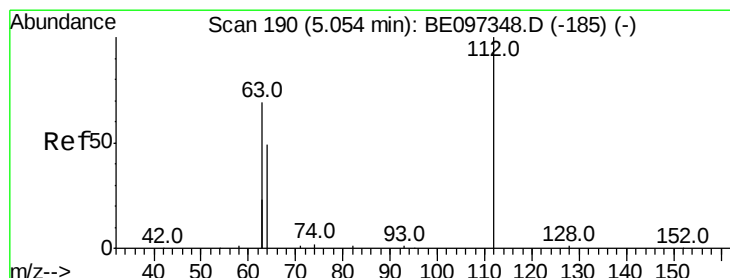
Tot Ion: 42 Resp: 466
 Ion Ratio Lower Upper
 42 100
 74 123.4 96.0 144.0
 44 0.0 12.0 18.0#



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



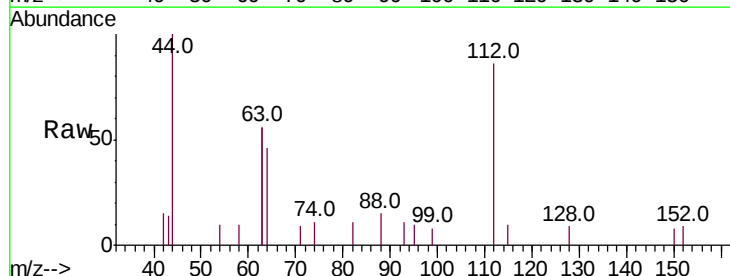
Time-->



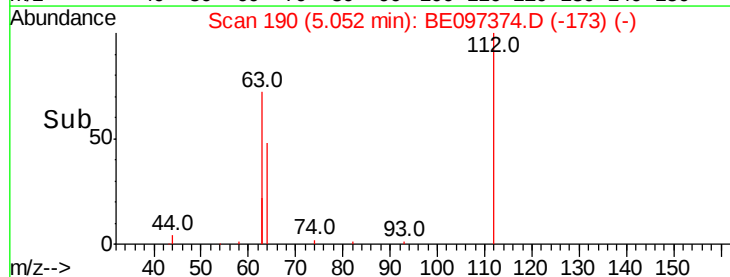
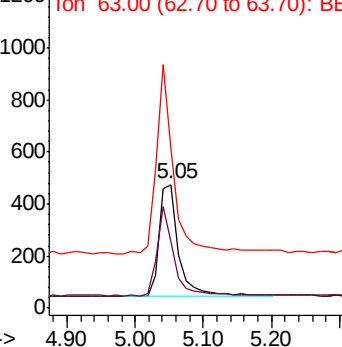
#4

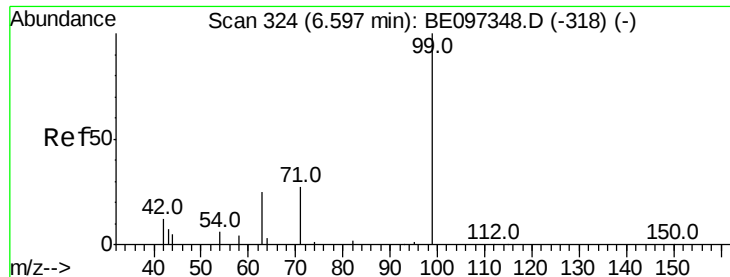
2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

Tgt Ion: 112 Resp: 881
 Ion Ratio Lower Upper
 112 100
 64 67.1 60.1 90.1
 63 145.4 116.8 175.2



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: 0.376 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

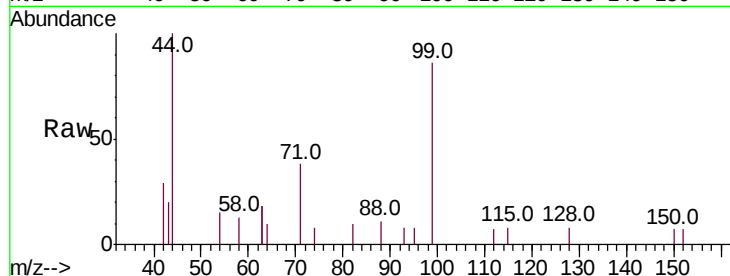
Tot Ion: 99 Resp: 1134

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

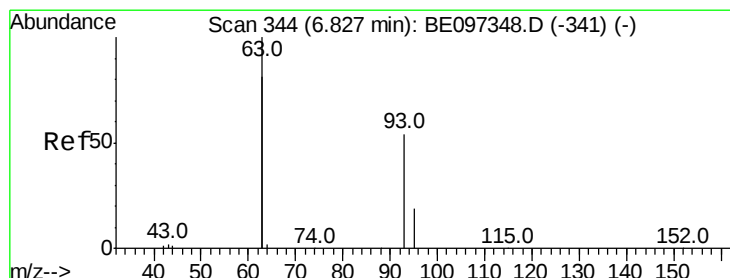
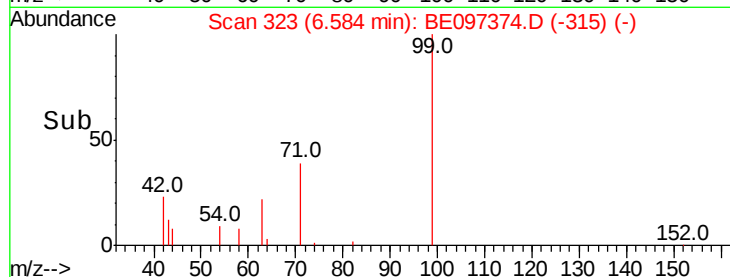
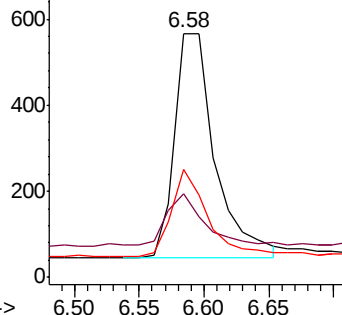
71 35.2 28.4 42.6



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: 0.383 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

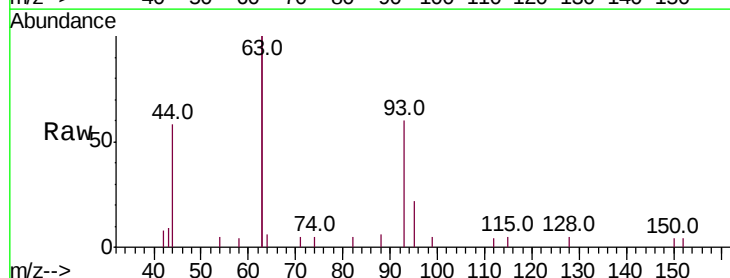
Tgt Ion: 93 Resp: 1064

Ion Ratio Lower Upper

93 100

63 328.0 275.3 412.9

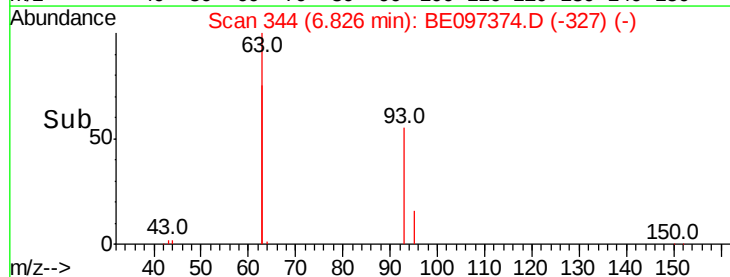
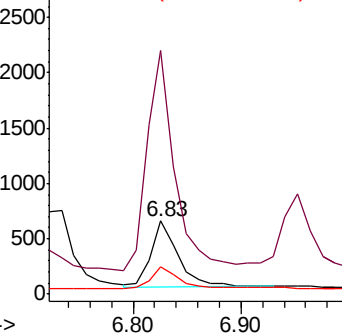
95 31.2 25.2 37.8

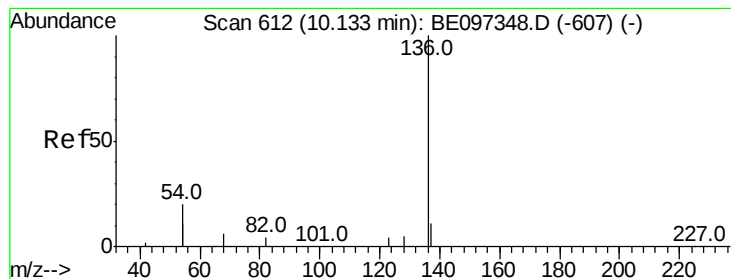


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3536

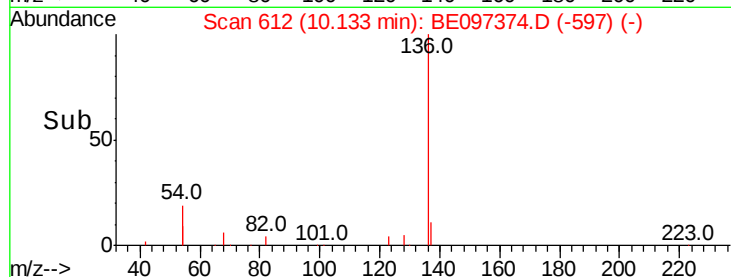
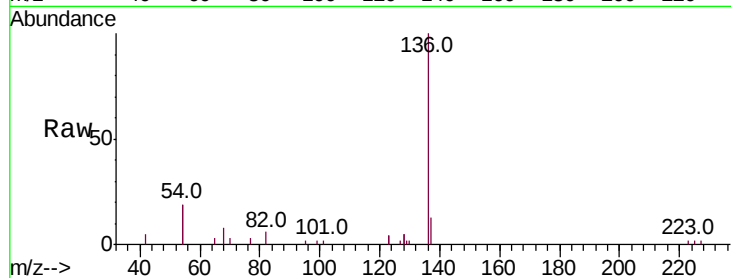
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 37.3 29.1 43.7

68 8.1 6.2 9.2

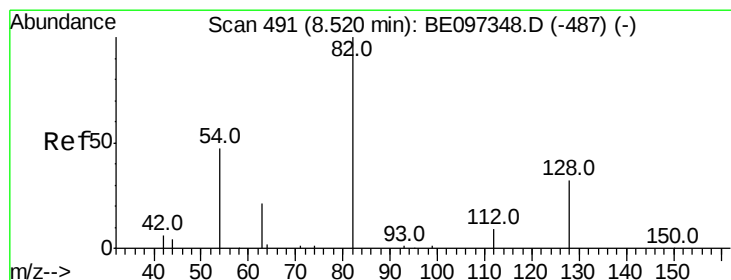
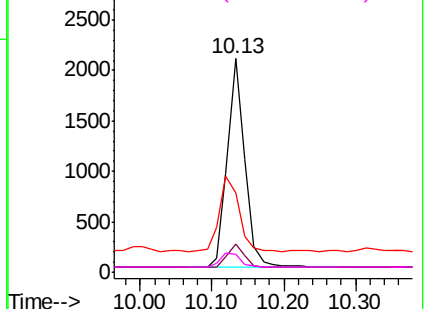


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

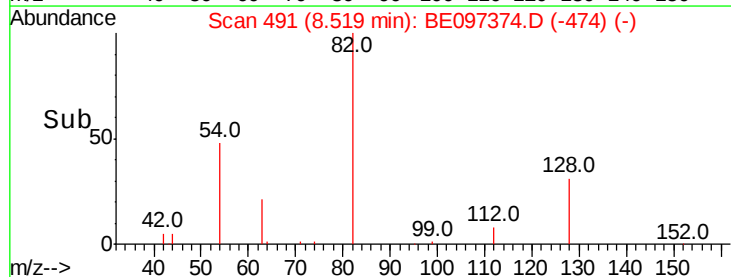
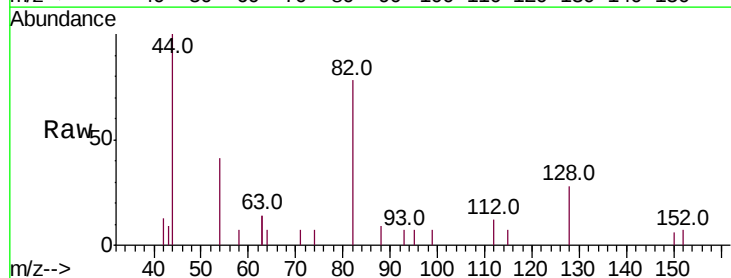
Tgt Ion: 82 Resp: 1037

Ion Ratio Lower Upper

82 100

128 36.4 24.0 36.0#

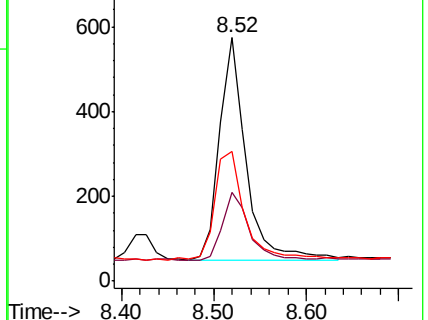
54 53.1 40.0 60.0

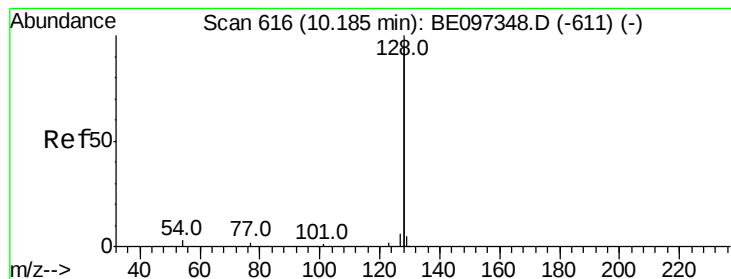


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

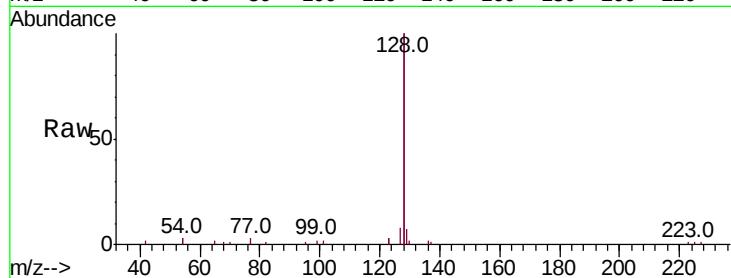
Tot Ion:128 Resp: 13415

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

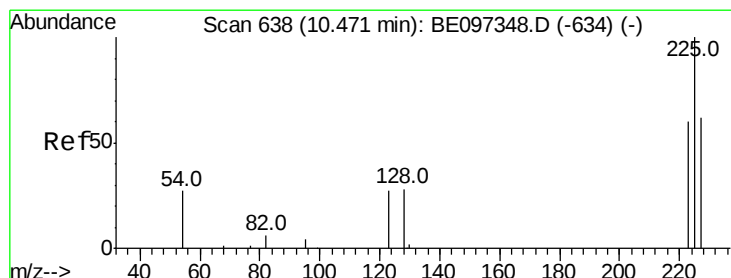
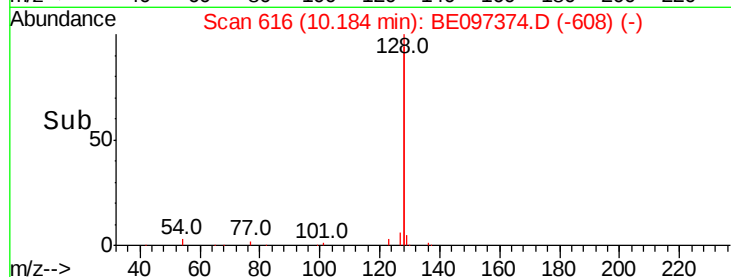
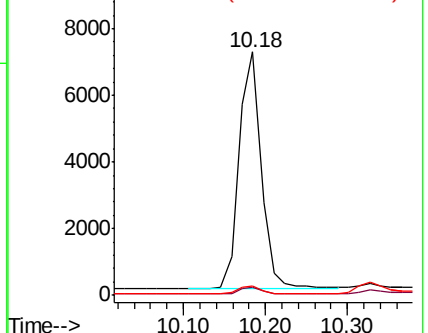
127 3.8 2.8 4.2



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: 0.413 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

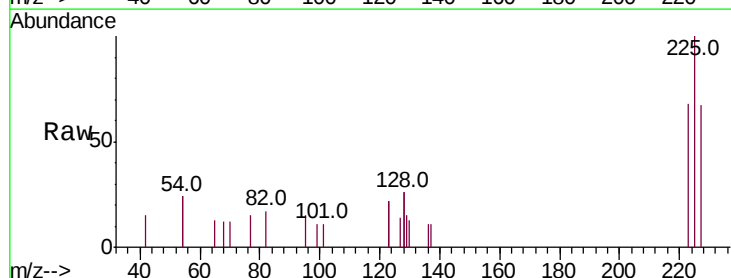
Tgt Ion:225 Resp: 594

Ion Ratio Lower Upper

225 100

223 65.7 53.0 79.6

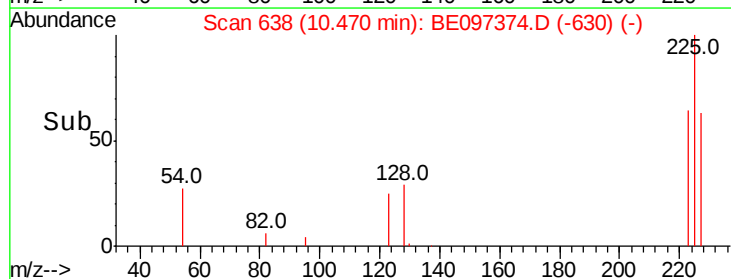
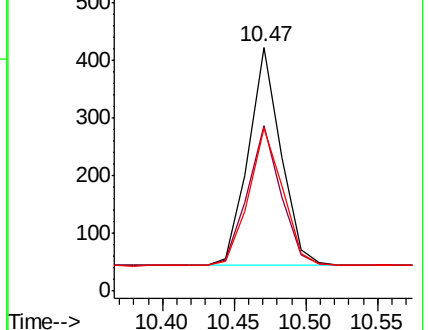
227 66.7 51.4 77.2

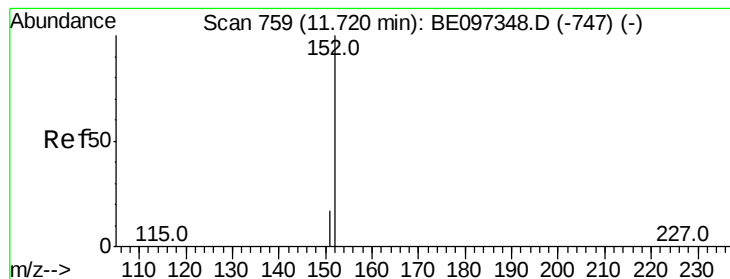


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

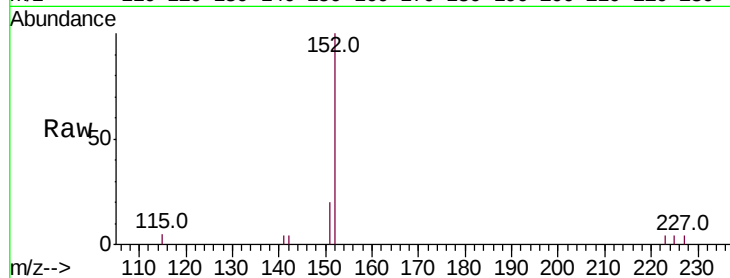
ClientSampleId :

Tot Ion:152 Resp: 2011

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

11.72

1200

1000

800

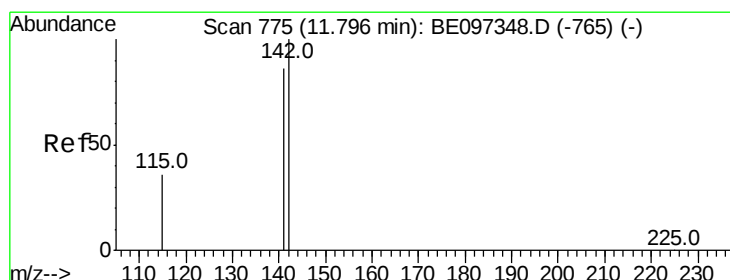
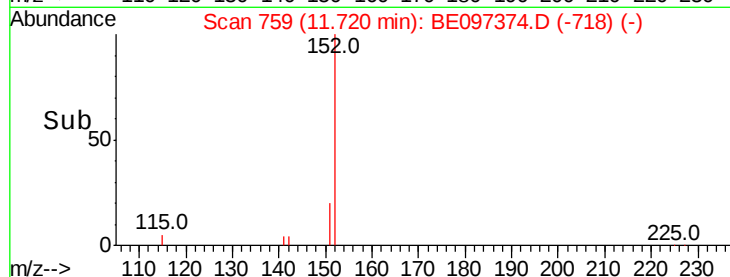
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.406 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

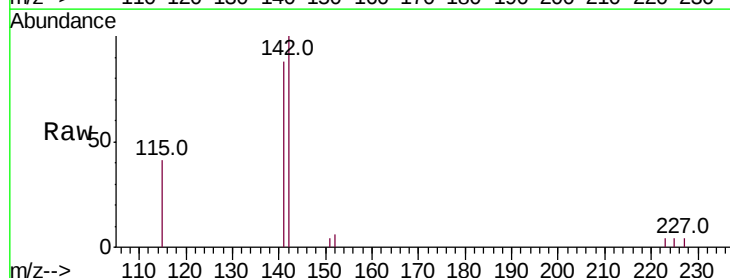
Tgt Ion:142 Resp: 2061

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 40.7 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

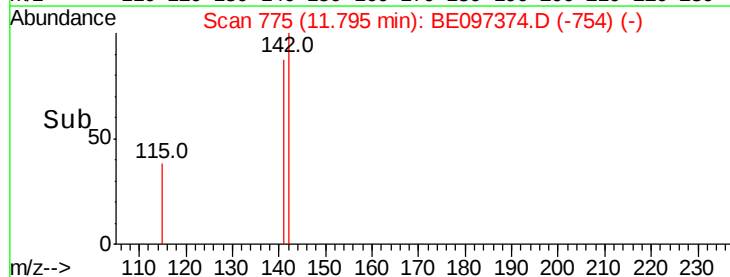
1500

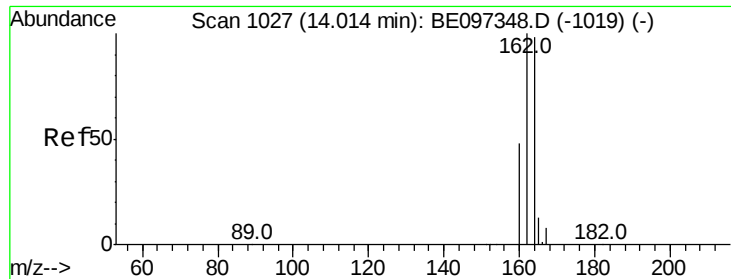
1000

500

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

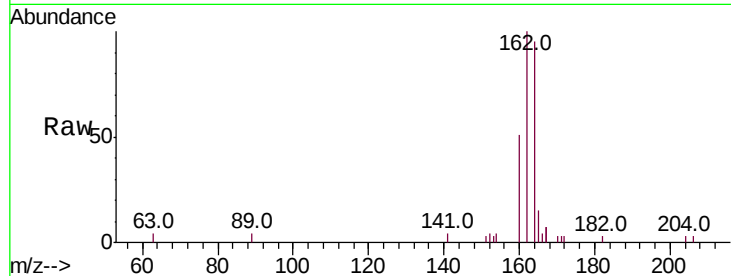
Tot Ion:164 Resp: 1909

Ion Ratio Lower Upper

164 100

162 105.5 83.1 124.7

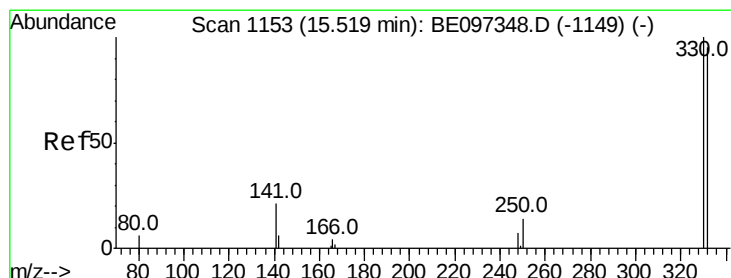
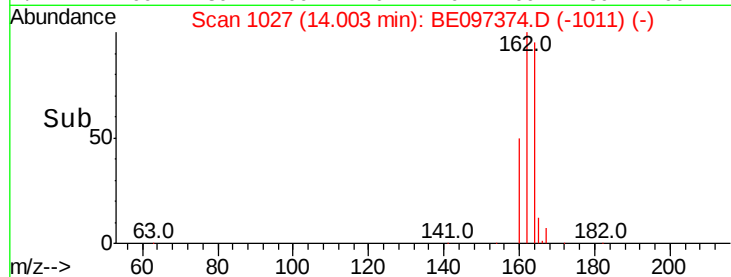
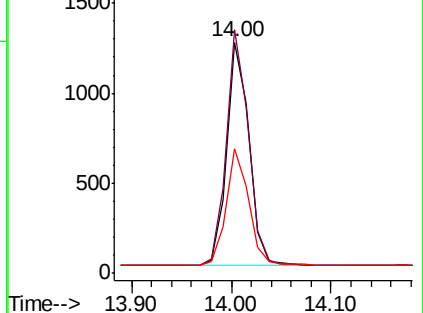
160 53.9 37.1 55.7



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: 0.393 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

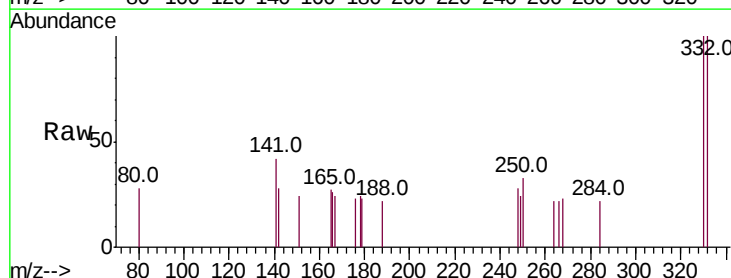
Tgt Ion:330 Resp: 254

Ion Ratio Lower Upper

330 100

332 98.4 152.7 229.1#

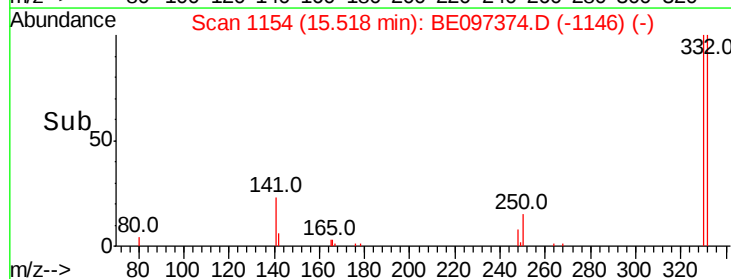
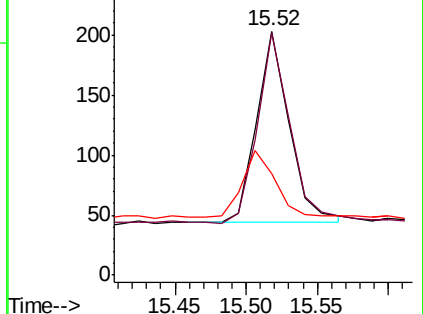
141 39.0 33.7 50.5

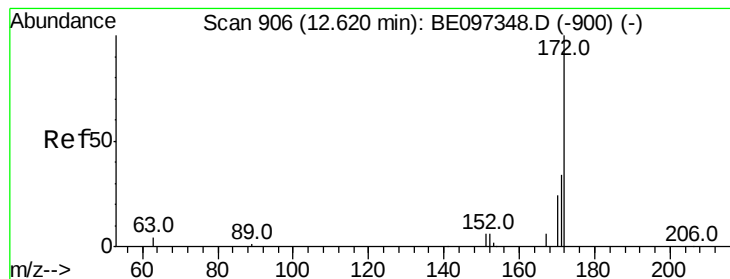


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.429 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

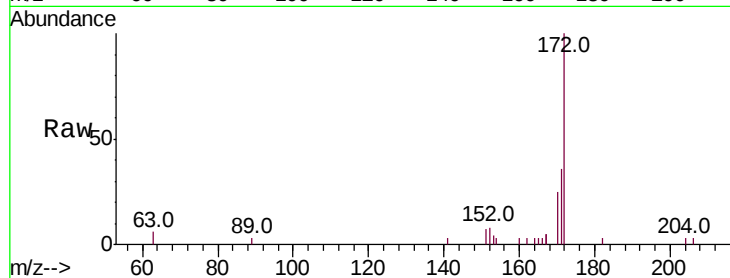
Tot Ion:172 Resp: 3005

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

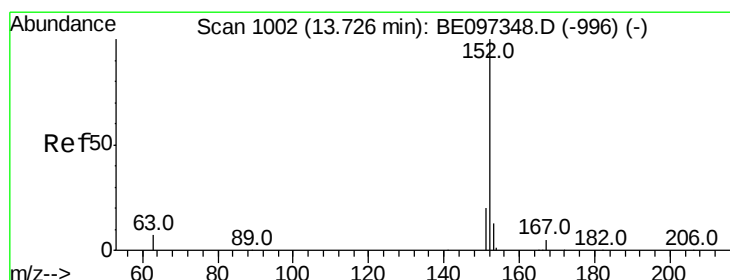
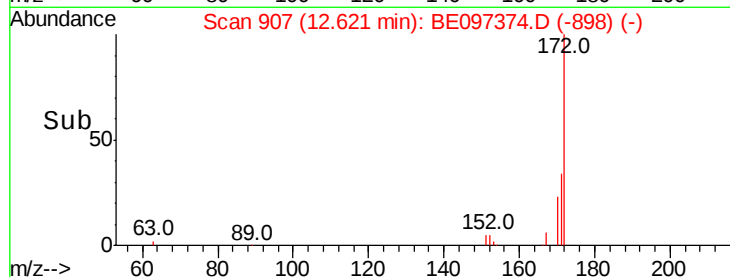
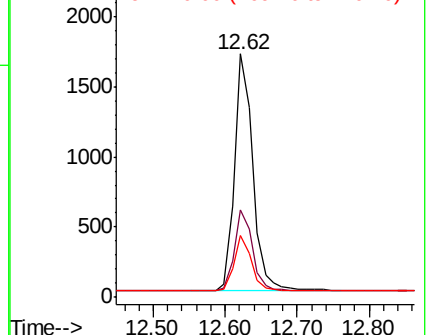
170 25.2 21.8 32.8



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: 0.413 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

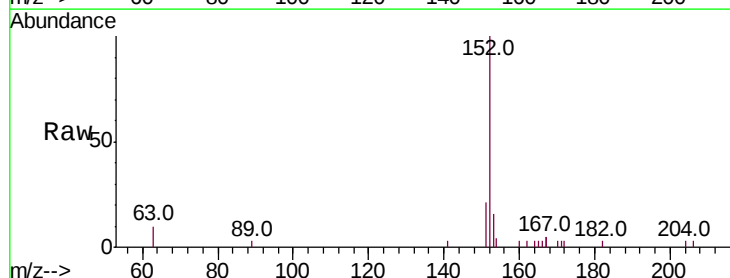
Tgt Ion:152 Resp: 3134

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

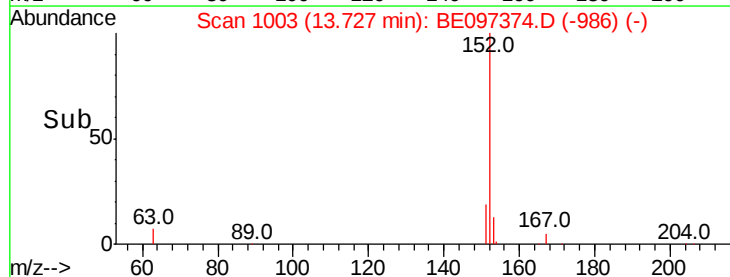
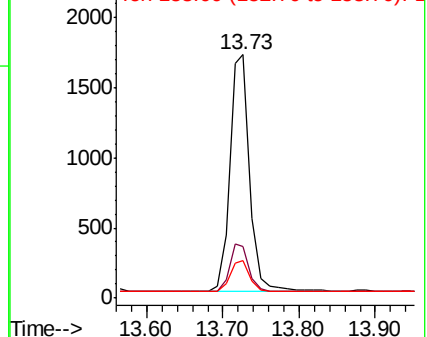
153 13.2 10.5 15.7

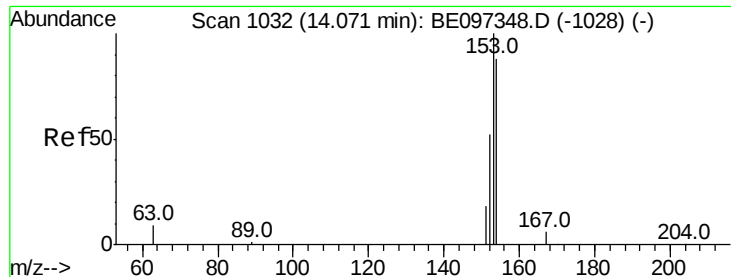


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.419 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

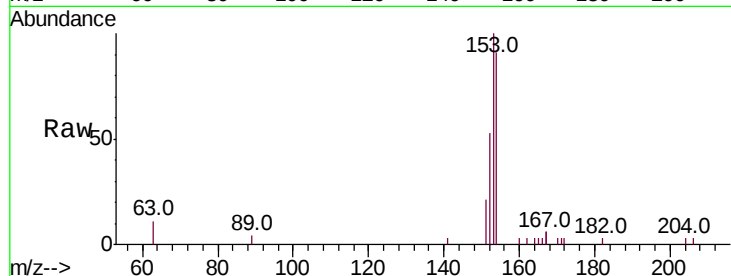
Tot Ion:154 Resp: 2123

Ion Ratio Lower Upper

154 100

153 115.0 89.2 133.8

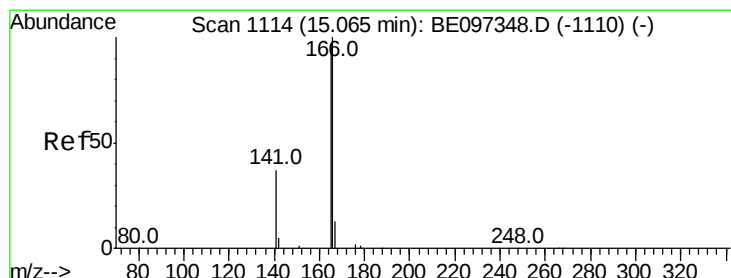
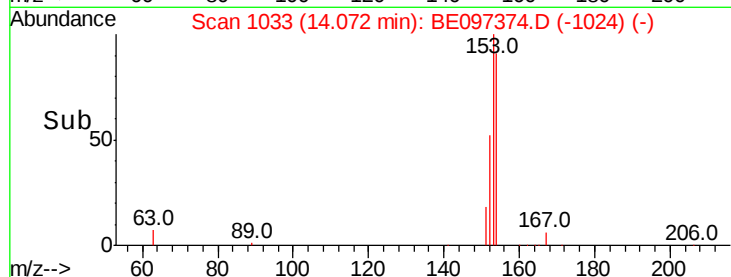
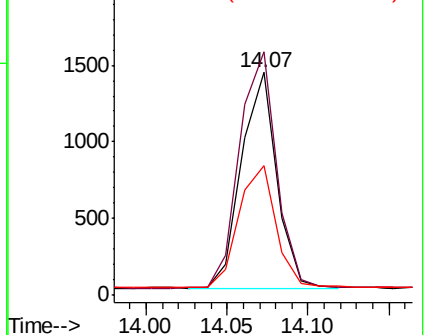
152 59.7 42.0 63.0



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: 0.425 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

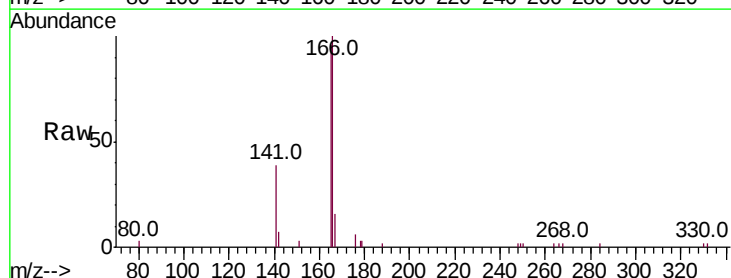
Tgt Ion:166 Resp: 2724

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.6

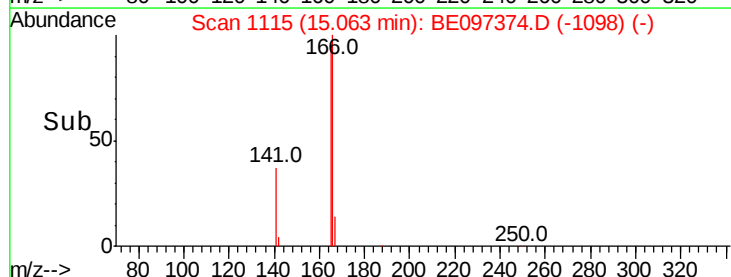
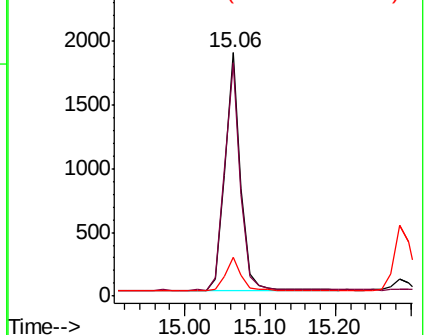
167 13.7 42.4 63.6#

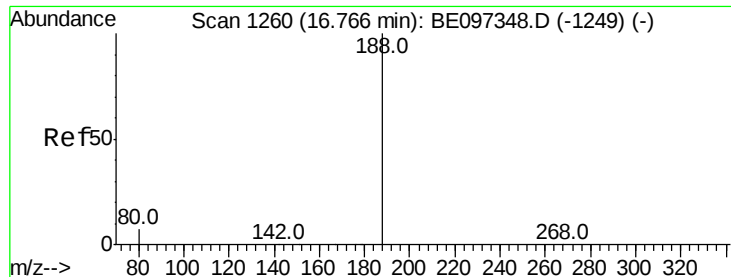


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1261

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

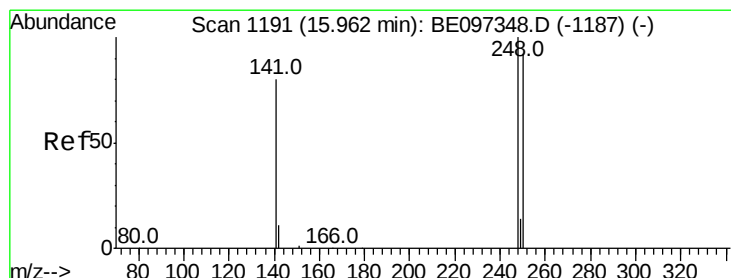
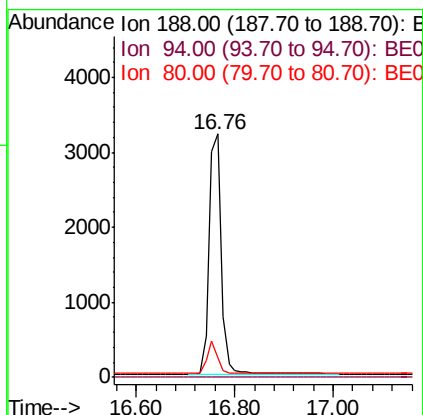
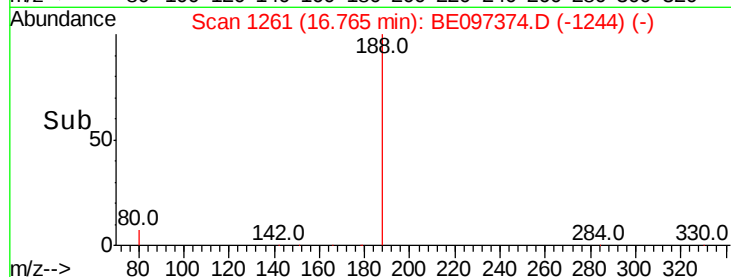
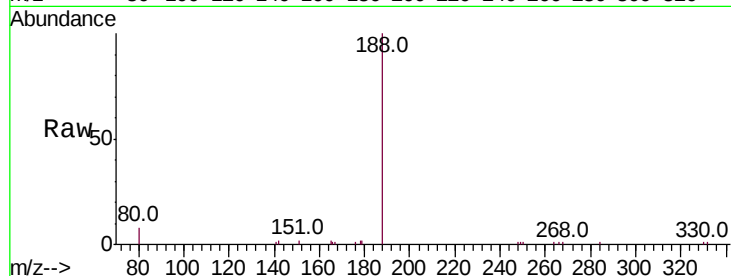
Tot Ion:188 Resp: 5478

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.410 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

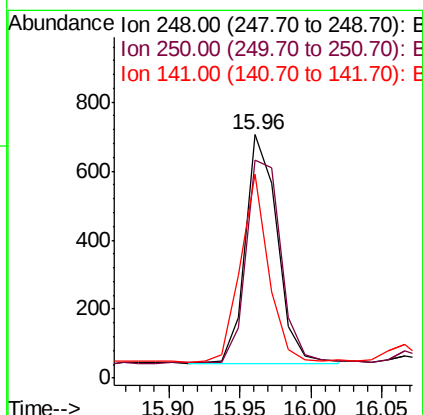
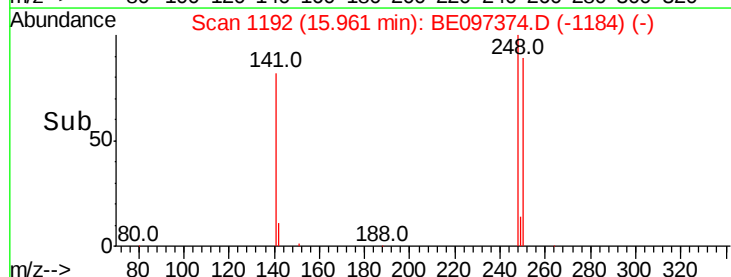
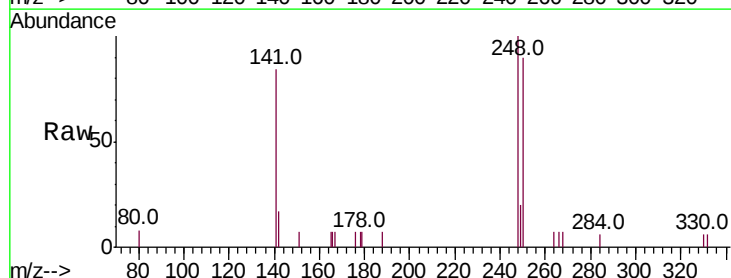
Tgt Ion:248 Resp: 1022

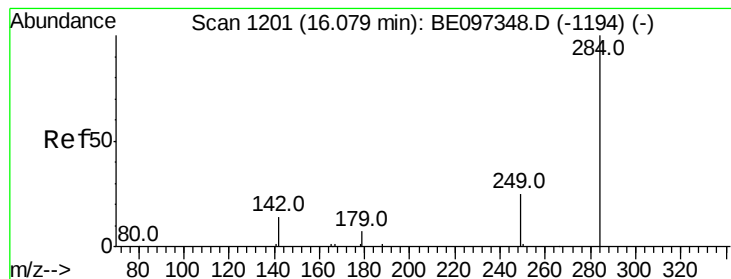
Ion Ratio Lower Upper

248 100

250 89.7 62.7 94.1

141 83.9 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.428 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

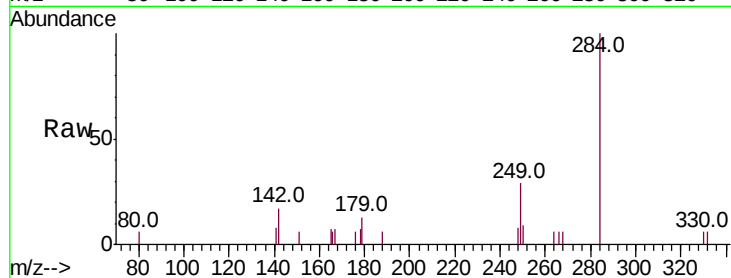
Tot Ion:284 Resp: 1178

Ion Ratio Lower Upper

284 100

142 33.0 22.1 33.1

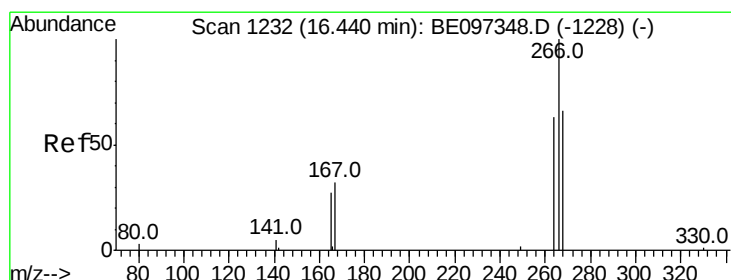
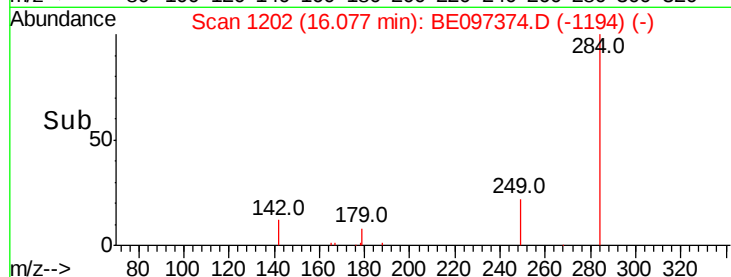
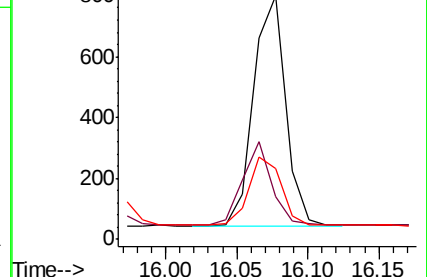
249 30.1 34.8 52.2#



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: 0.451 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

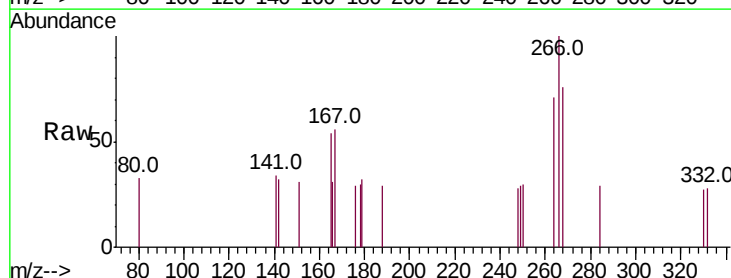
Tgt Ion:266 Resp: 266

Ion Ratio Lower Upper

266 100

264 71.3 72.5 108.7#

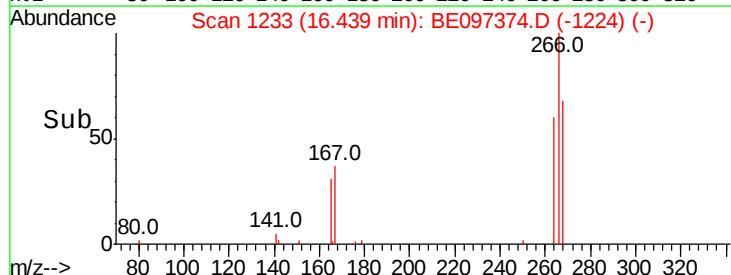
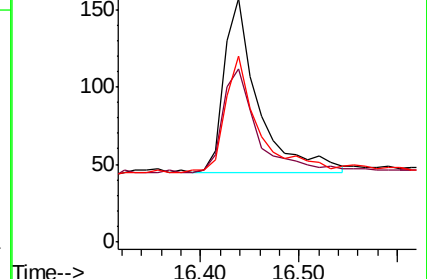
268 76.4 73.8 110.6

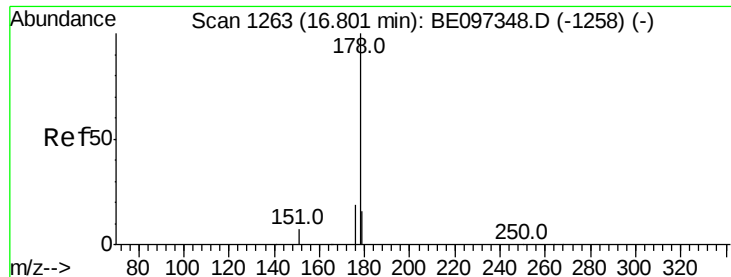


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.419 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampled :

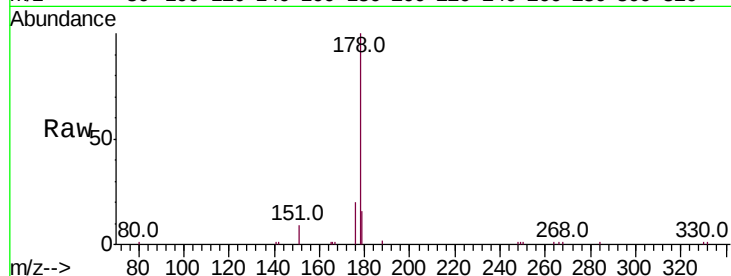
Tot Ion:178 Resp: 5466

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

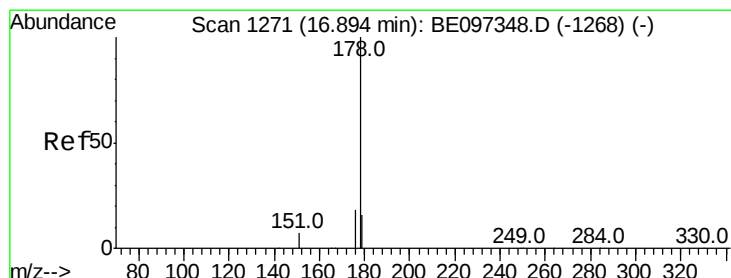
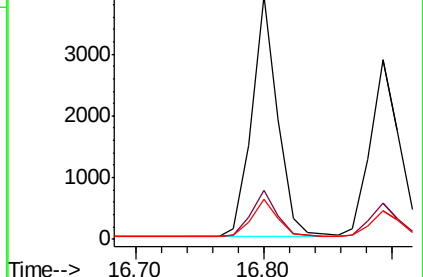
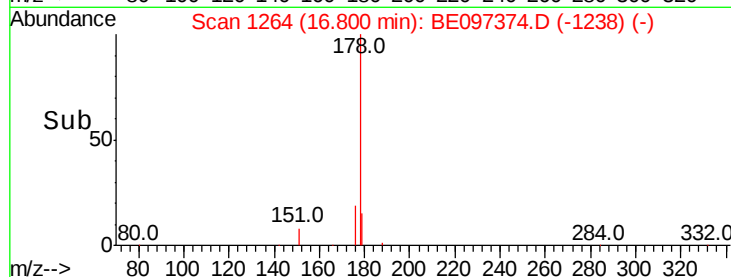
179 15.3 11.8 17.6



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: 0.408 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

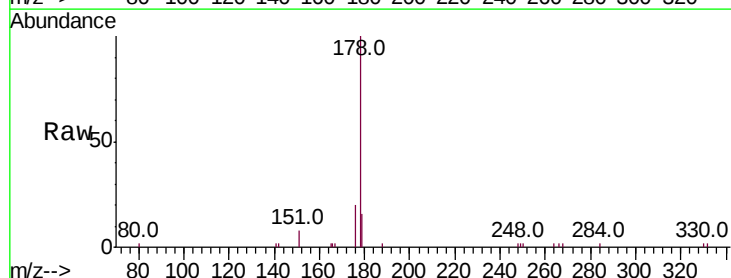
Tgt Ion:178 Resp: 4524

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

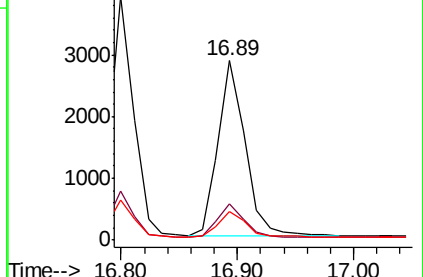
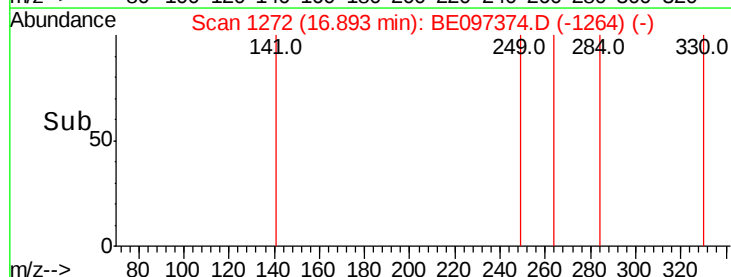
179 15.0 13.0 19.6

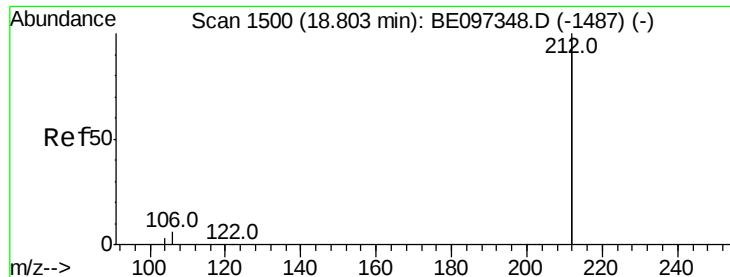


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

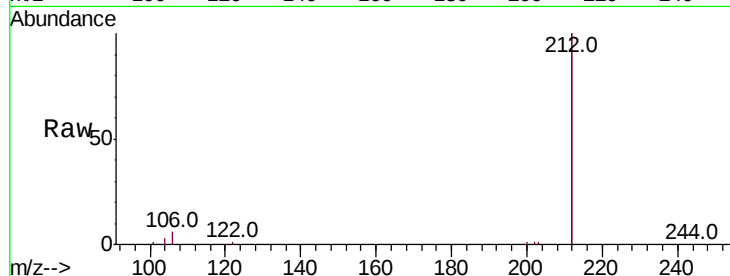
Tot Ion:212 Resp: 27825

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

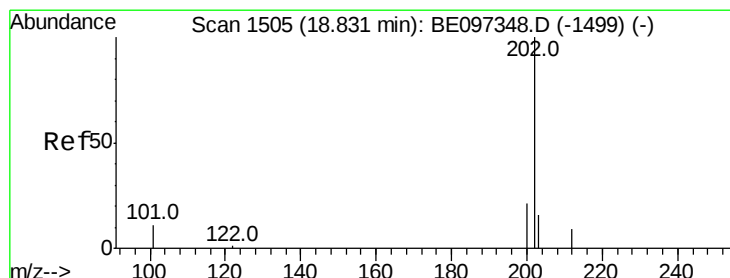
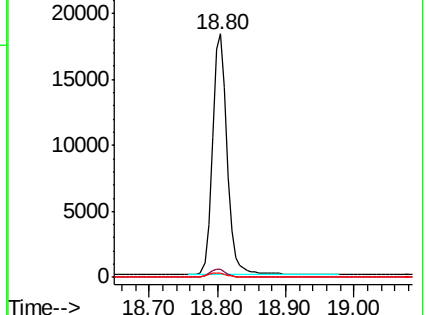
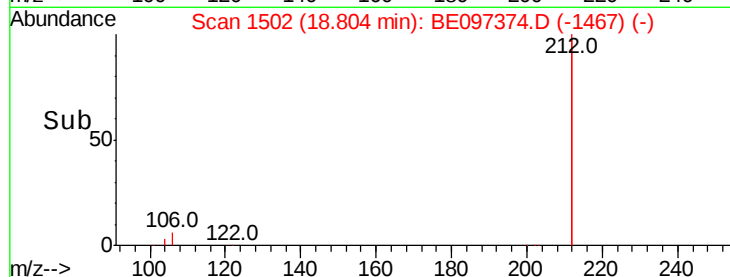
104 1.7 1.6 2.4



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: 0.444 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

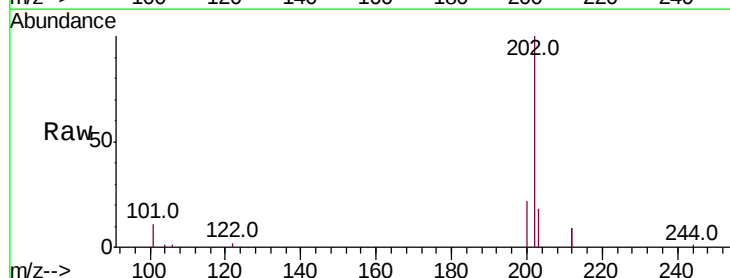
Tgt Ion:202 Resp: 7262

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

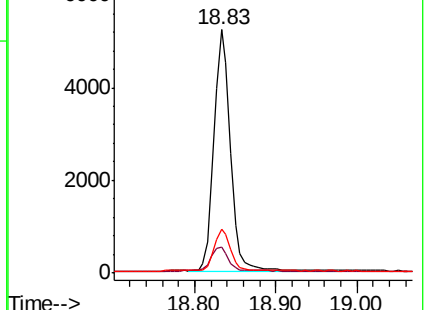
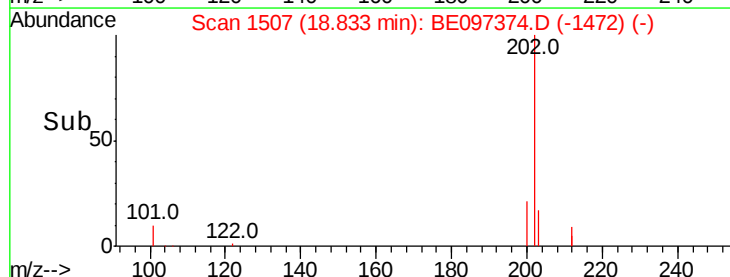
203 17.2 13.7 20.5

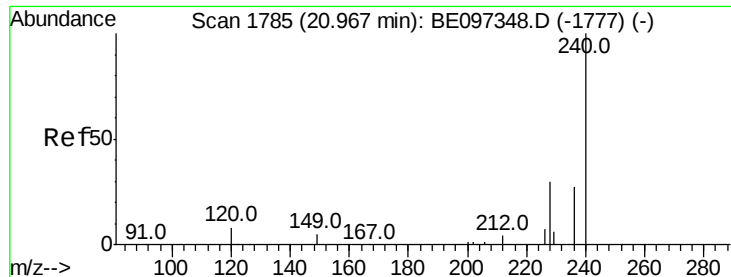


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

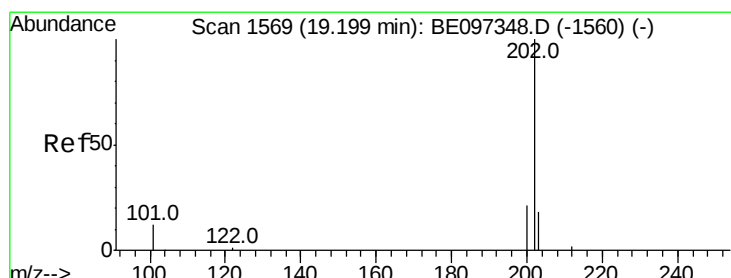
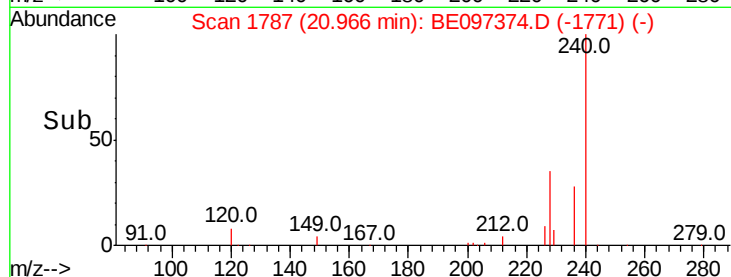
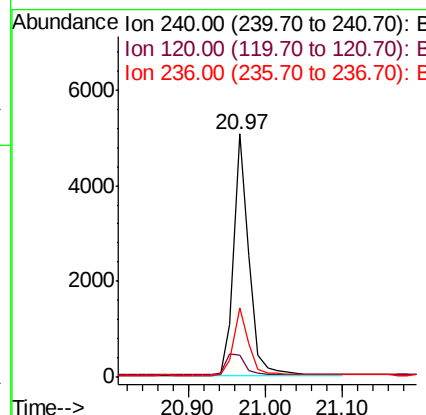
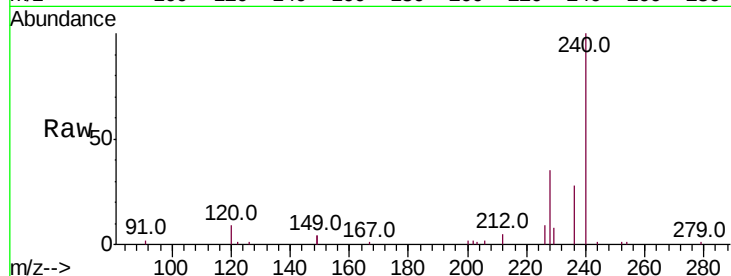




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

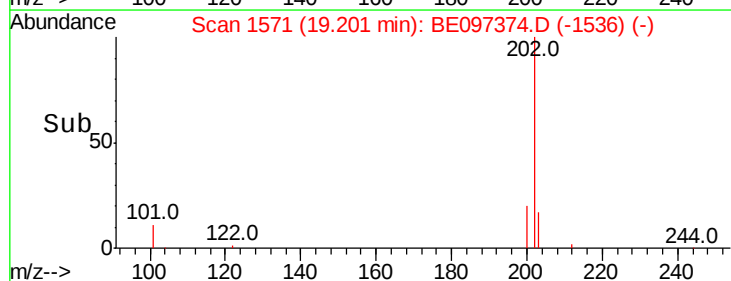
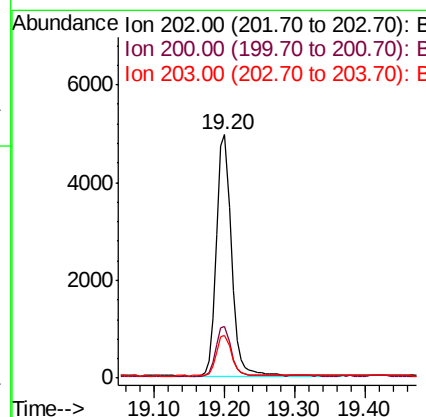
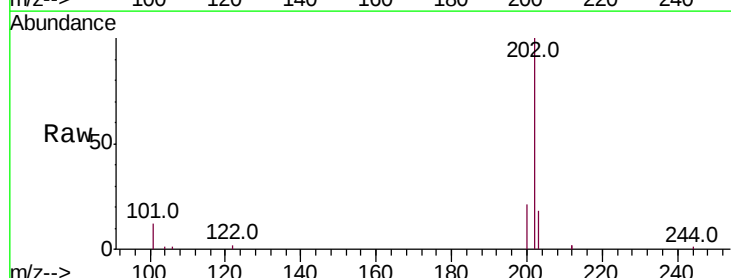
Instrument :
 BNA_E
 ClientSampleId :

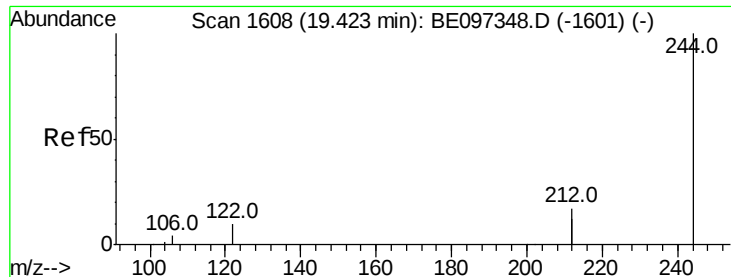
Tot Ion:240 Resp: 6894
 Ion Ratio Lower Upper
 240 100
 120 9.1 5.5 8.3#
 236 28.4 20.7 31.1



#28
 Pyrene
 Concen: 0.443 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

Tgt Ion:202 Resp: 7272
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 17.2 13.8 20.8

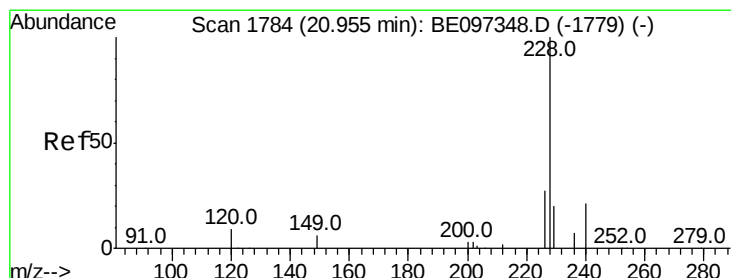
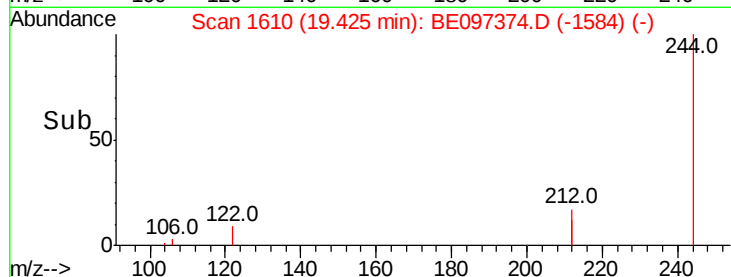
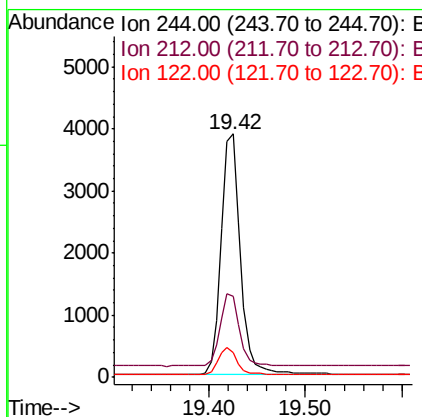
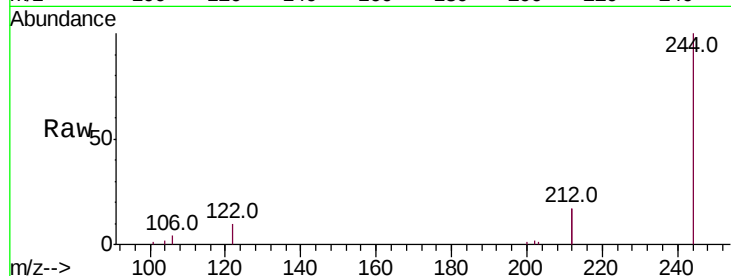




#29
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

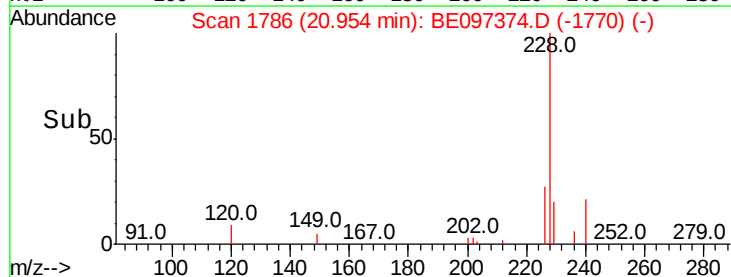
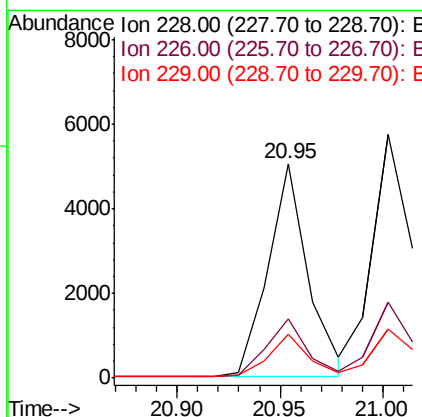
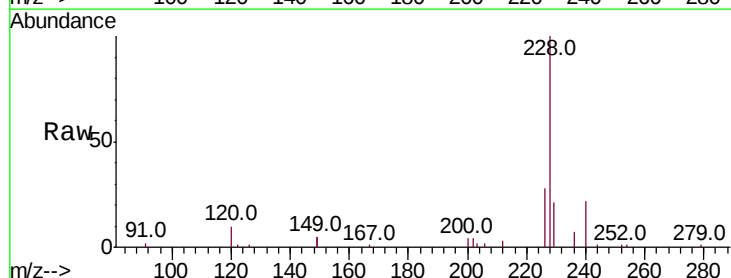
Instrument :
 BNA_E
 ClientSampled :

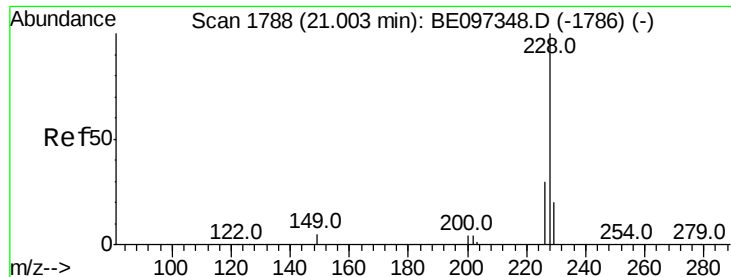
Tot Ion:244 Resp: 5426
 Ion Ratio Lower Upper
 244 100
 212 33.1 25.4 38.0
 122 10.2 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.391 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097374.D
 Acq: 28 Aug 2018 11:16

Tgt Ion:228 Resp: 6810
 Ion Ratio Lower Upper
 228 100
 226 27.8 24.0 36.0
 229 20.6 16.0 24.0





#31

Chrysene

Concen: 0.417 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

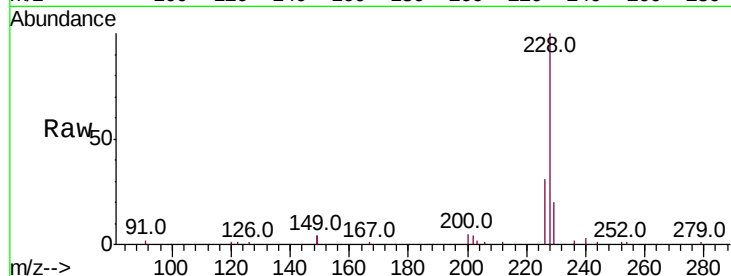
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 7833

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	20.2	16.0	24.0

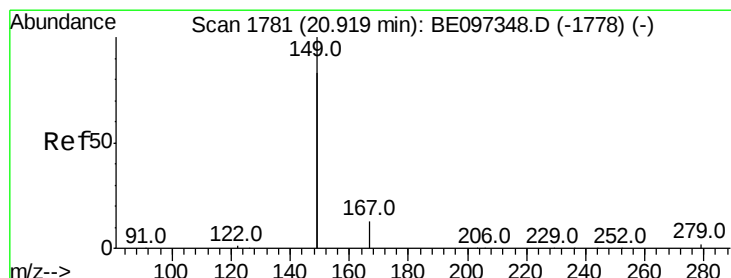
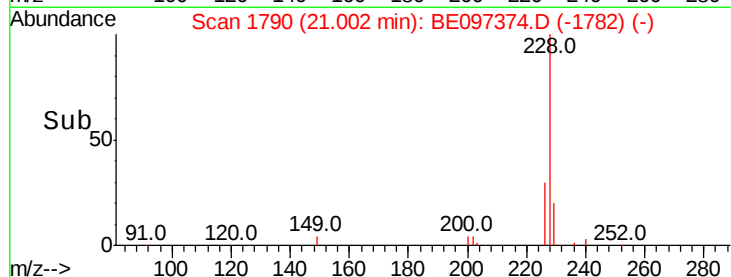
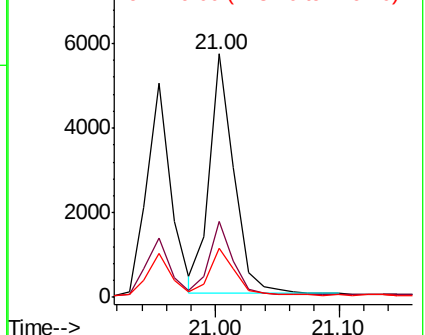


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.392 ng

RT: 20.92 min Scan# 1783

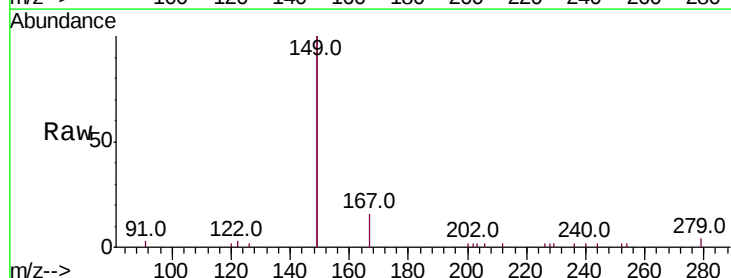
Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Tgt Ion:149 Resp: 7642

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1

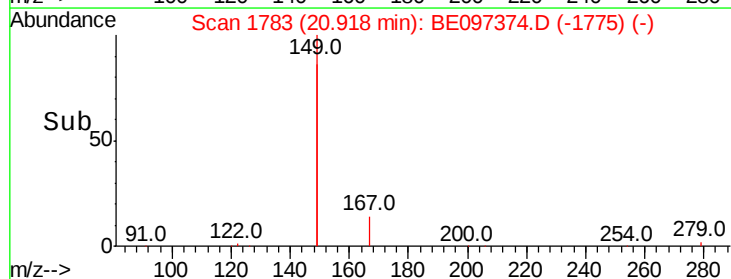
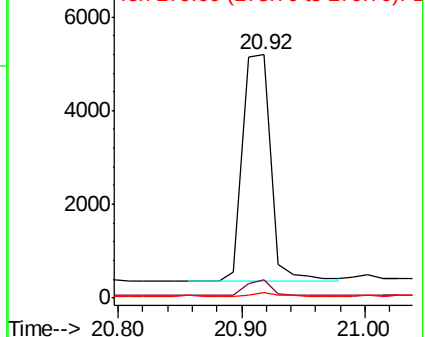


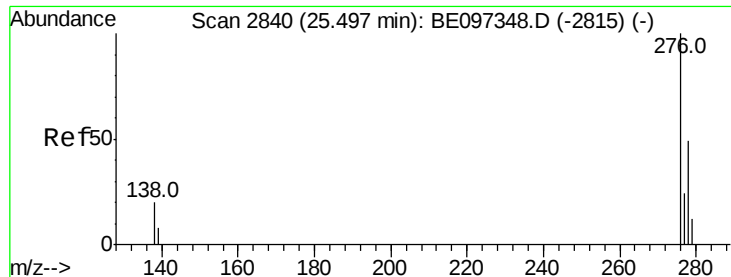
Abundance

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: 0.332 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

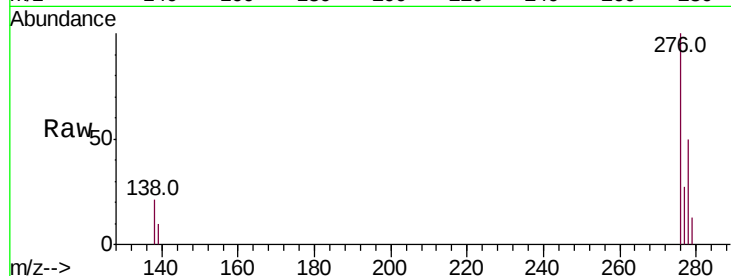
Tot Ion:276 Resp: 8103

Ion Ratio Lower Upper

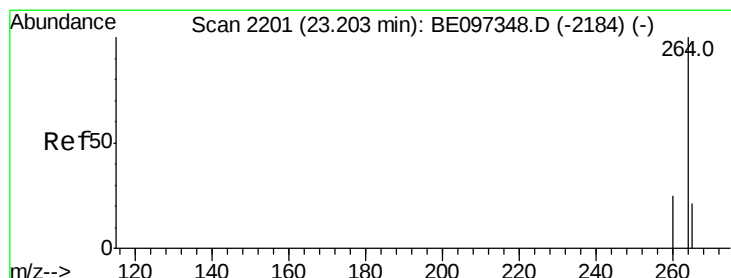
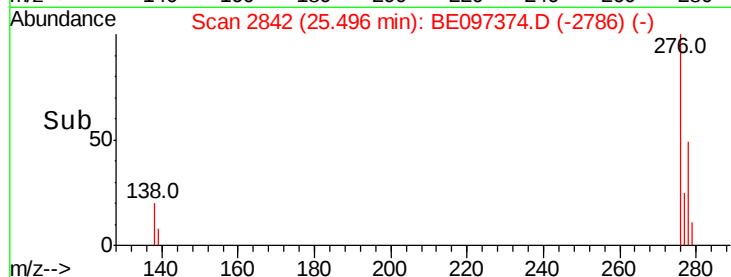
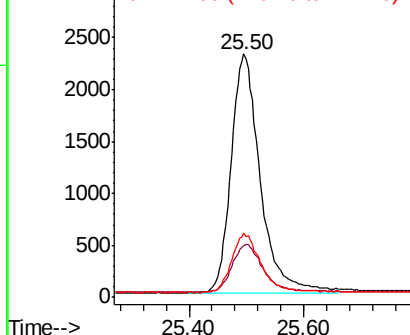
276 100

138 20.7 22.5 33.7#

277 24.7 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: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

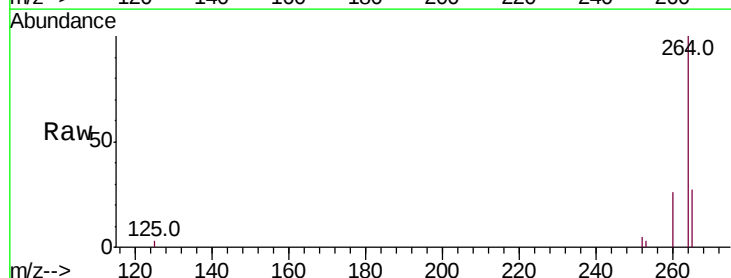
Tgt Ion:264 Resp: 6537

Ion Ratio Lower Upper

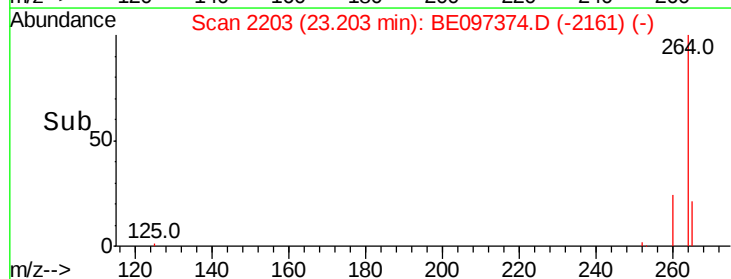
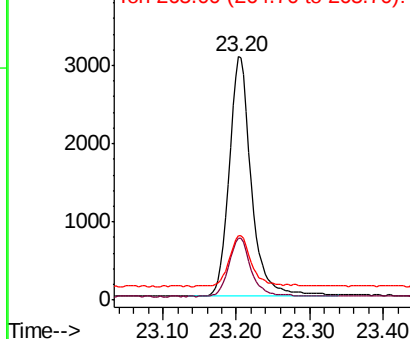
264 100

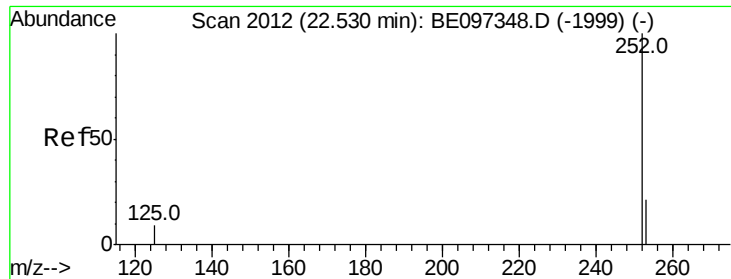
260 25.7 20.5 30.7

265 26.7 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

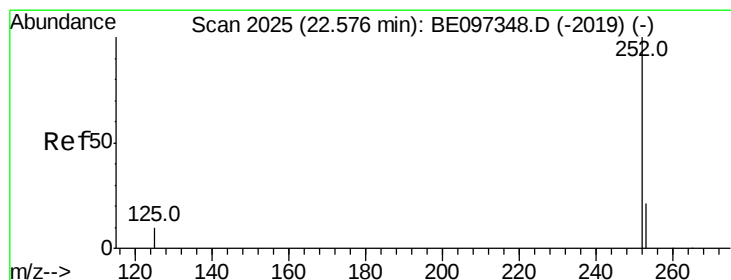
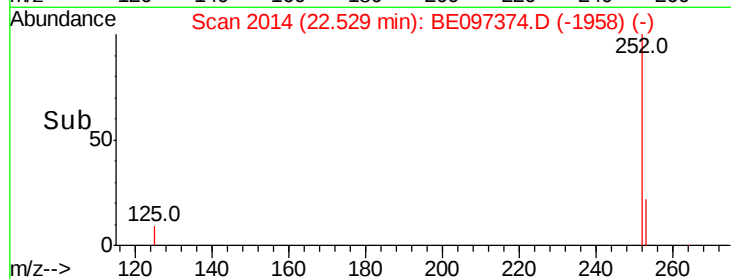
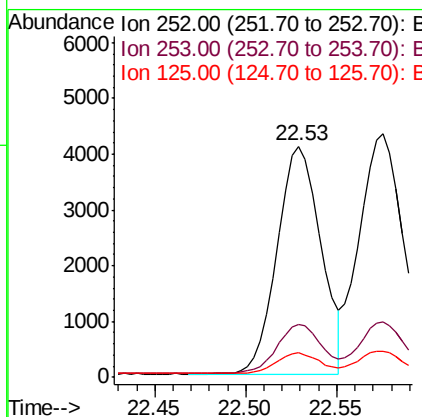
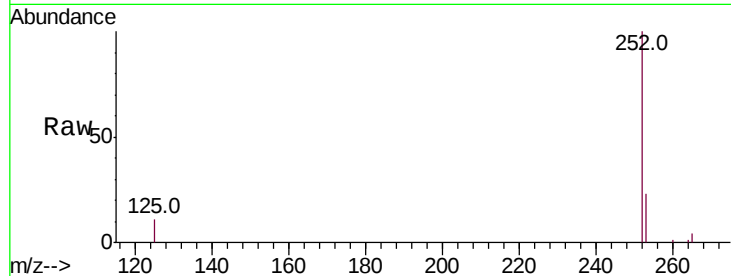




#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

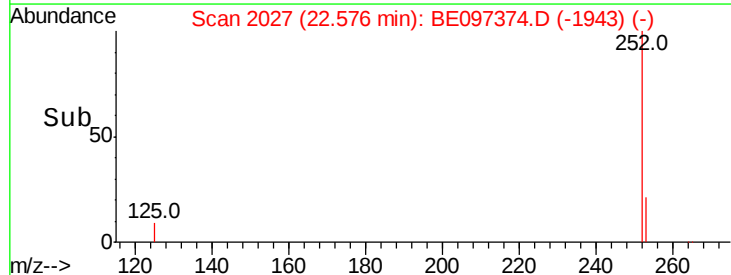
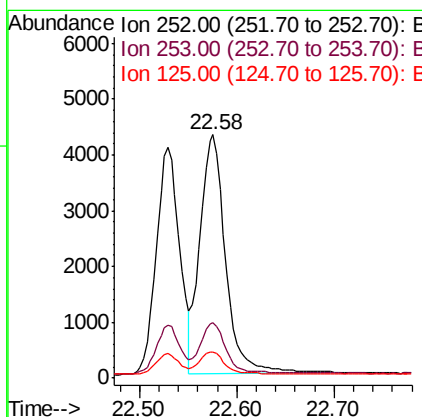
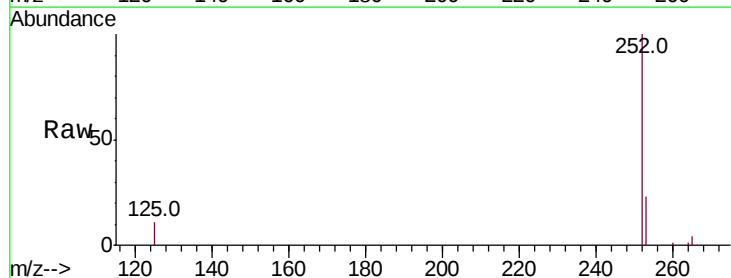
Instrument :
BNA_E
ClientSampleId :

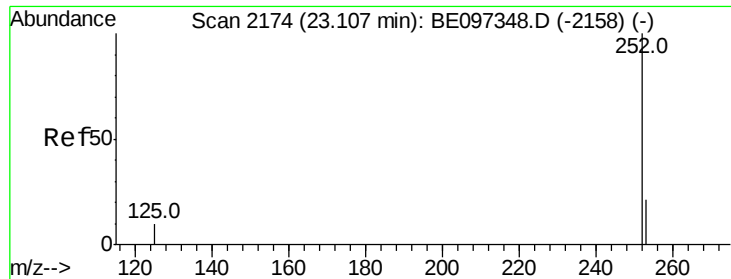
Tot Ion:252 Resp: 6769
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:252 Resp: 7838
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 10.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.10 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

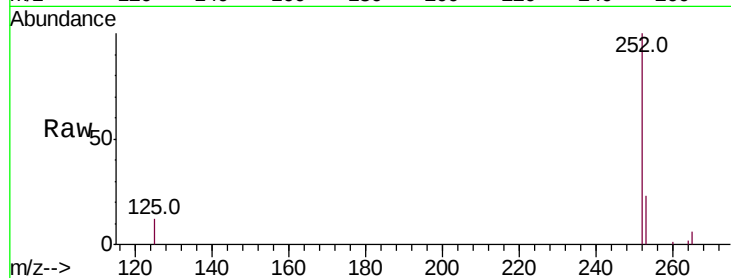
Tot Ion:252 Resp: 6517

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

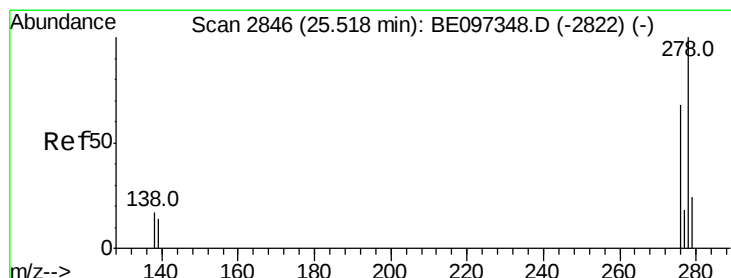
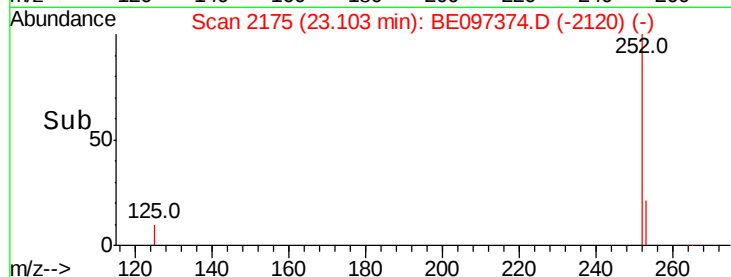
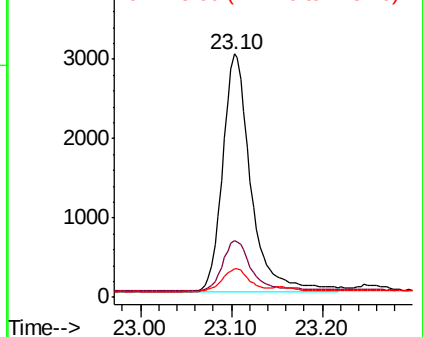
125 12.0 12.0 18.0#



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: 0.333 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

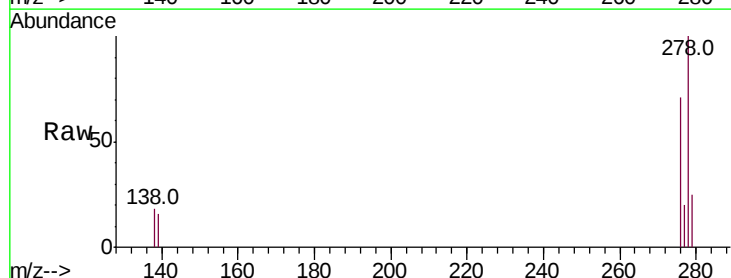
Tgt Ion:278 Resp: 6732

Ion Ratio Lower Upper

278 100

139 15.5 16.0 24.0#

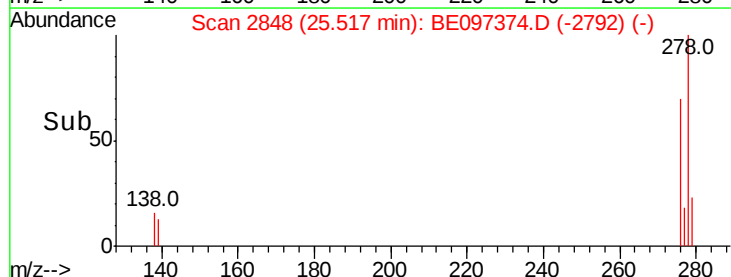
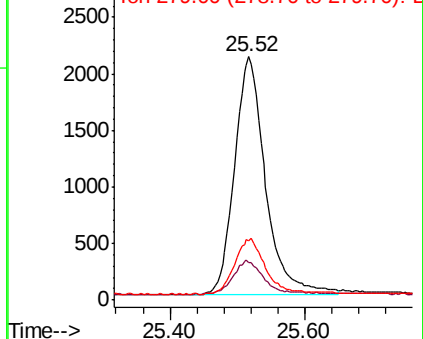
279 24.6 20.0 30.0

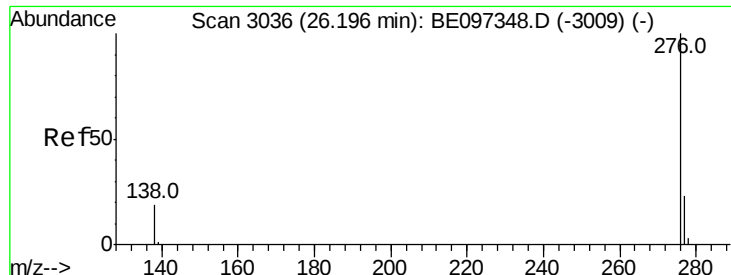


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.334 ng

RT: 26.19 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BE097374.D

Acq: 28 Aug 2018 11:16

Instrument :

BNA_E

ClientSampleId :

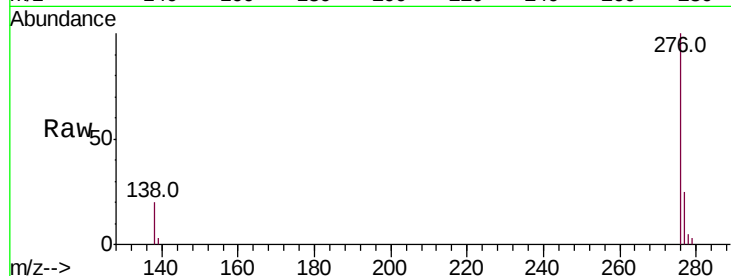
Tot Ion:276 Resp: 6988

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 19.6 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

