

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
 Data File : BE098156.D
 Acq On : 5 Nov 2018 11:40
 Operator : SJ/JU
 Sample : PB114428BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114428BSD

Quant Time: Nov 05 12:12:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	967	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4623	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3016	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7016	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8215	0.40	ng	0.00
34) Perylene-d12	24.01	264	7867	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1141	0.40	ng	0.00
5) Phenol-d6	7.04	99	1794	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	1812	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3286	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	448	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5064	0.41	ng	0.00
25) Fluoranthene-d10	19.32	212	36125	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	7723	0.40	ng	0.00

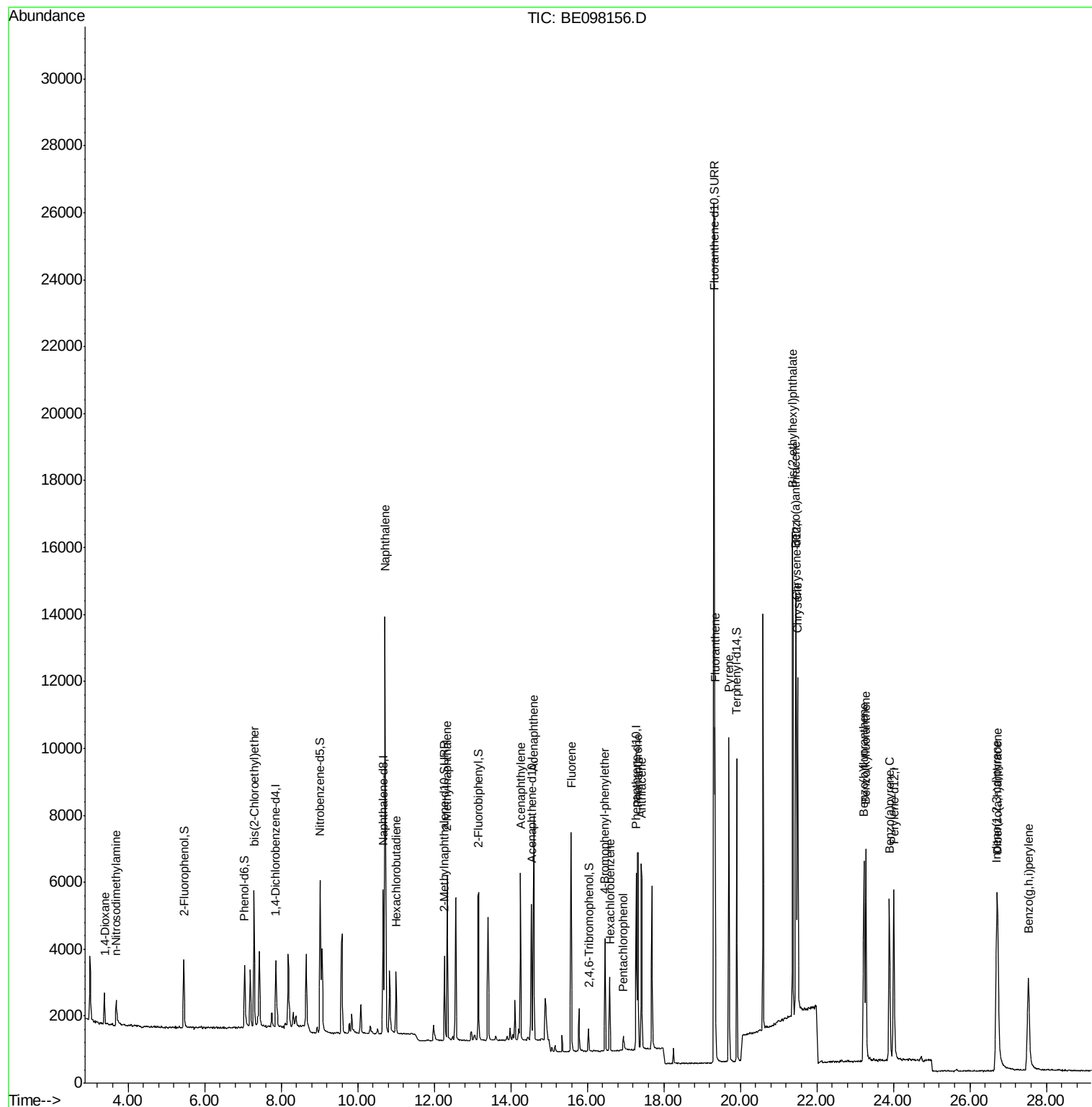
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	561	0.389	ng	98
3) n-Nitrosodimethylamine	3.69	42	726	0.377	ng	# 78
6) bis(2-Chloroethyl)ether	7.29	93	1345	0.389	ng	90
9) Naphthalene	10.72	128	19187	0.415	ng	100
10) Hexachlorobutadiene	11.00	225	1275	0.421	ng	98
12) 2-Methylnaphthalene	12.34	142	3362	0.408	ng	# 90
16) Acenaphthylene	14.25	152	5611	0.408	ng	100
17) Acenaphthene	14.60	154	3426	0.415	ng	99
18) Fluorene	15.58	166	4448	0.406	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1778	0.416	ng	# 79
21) Hexachlorobenzene	16.59	284	1872	0.418	ng	97
22) Pentachlorophenol	16.94	266	317	0.374	ng	# 83
23) Phenanthrene	17.33	178	7188	0.414	ng	99
24) Anthracene	17.41	178	6618	0.400	ng	98
26) Fluoranthene	19.34	202	8775	0.403	ng	96
28) Pyrene	19.71	202	9148	0.408	ng	100
30) Benzo(a)anthracene	21.45	228	9539	0.397	ng	99
31) Chrysene	21.50	228	9642	0.406	ng	96
32) Bis(2-ethylhexyl)phthalate	21.37	149	18935	0.206	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	9711	0.393	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	8837	0.399	ng	# 88
36) Benzo(k)fluoranthene	23.28	252	9223	0.402	ng	# 89
37) Benzo(a)pyrene	23.90	252	8784	0.406	ng	# 90
38) Dibenzo(a,h)anthracene	26.73	278	8064	0.399	ng	# 93
39) Benzo(g,h,i)perylene	27.53	276	8129	0.404	ng	# 90

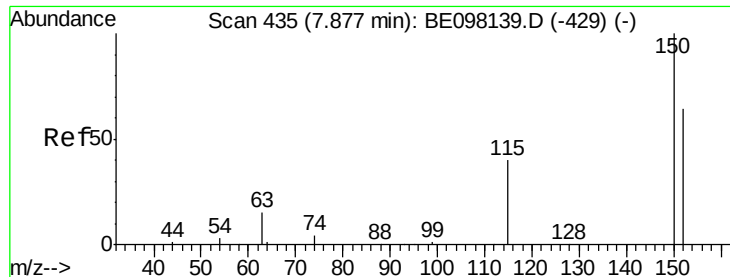
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

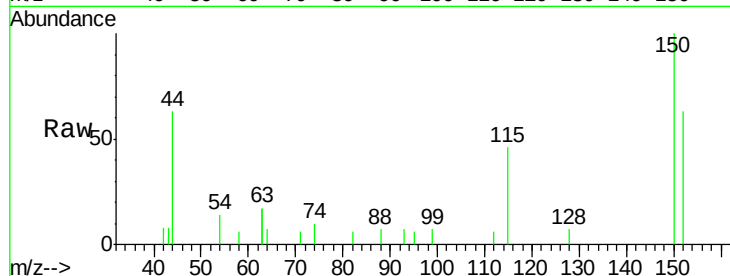
Tgt Ion:152 Resp: 967

Ion Ratio Lower Upper

152 100

150 158.0 118.2 177.4

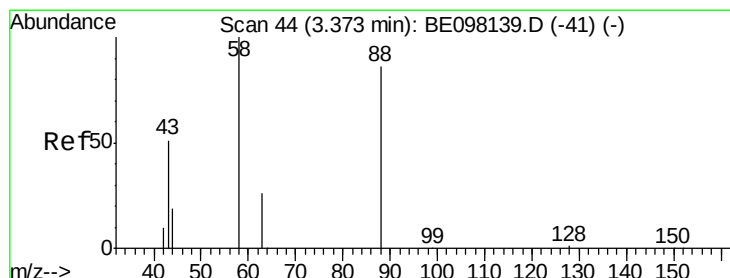
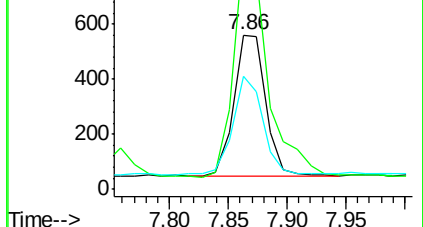
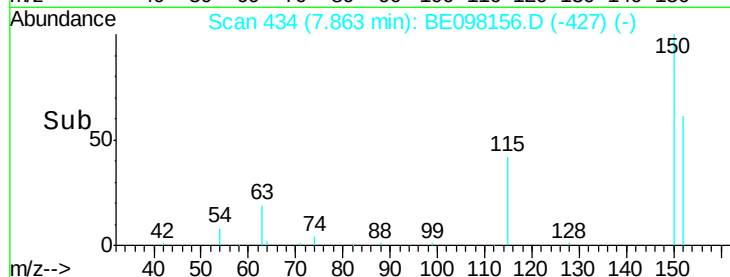
115 73.0 50.9 76.3



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: 0.389 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

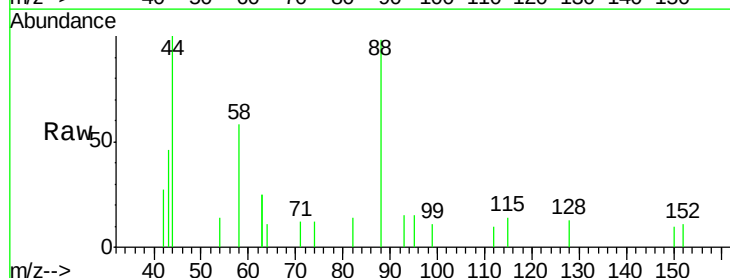
Tgt Ion: 88 Resp: 561

Ion Ratio Lower Upper

88 100

58 92.3 73.2 109.8

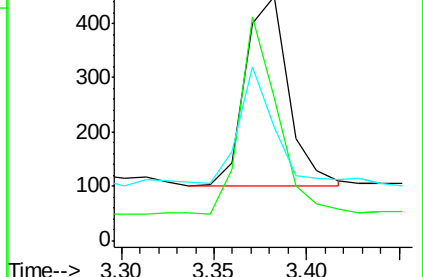
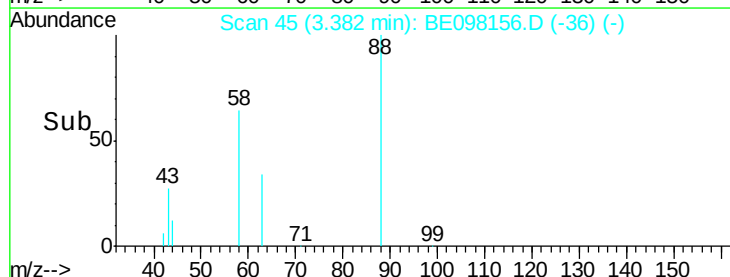
43 49.7 36.9 55.3

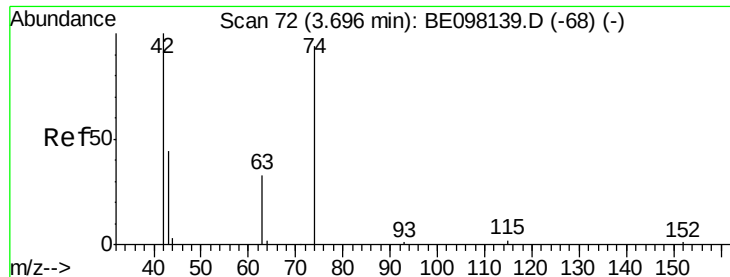


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

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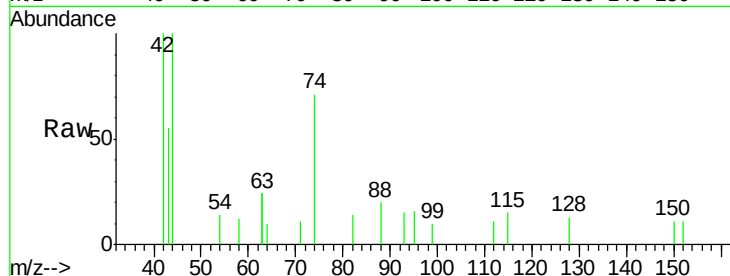
Tgt Ion: 42 Resp: 726

Ion Ratio Lower Upper

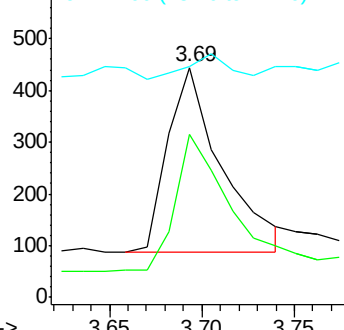
42 100

74 73.8 77.6 116.4#

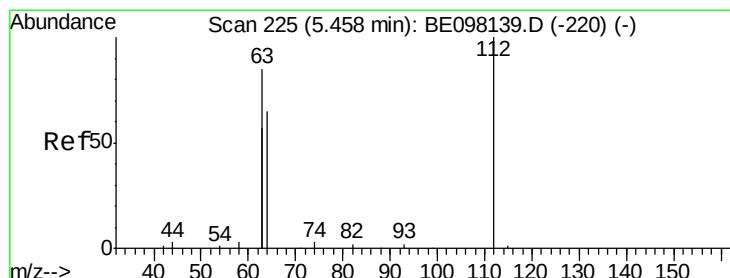
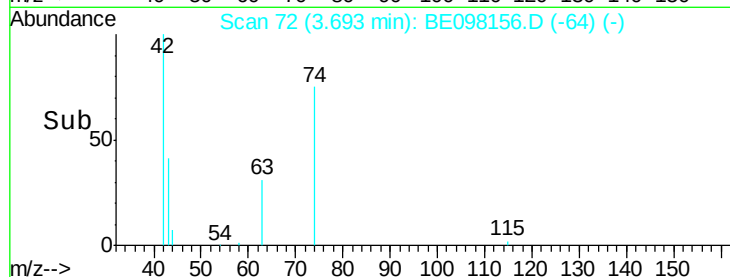
44 10.5 7.6 11.4



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: 0.398 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

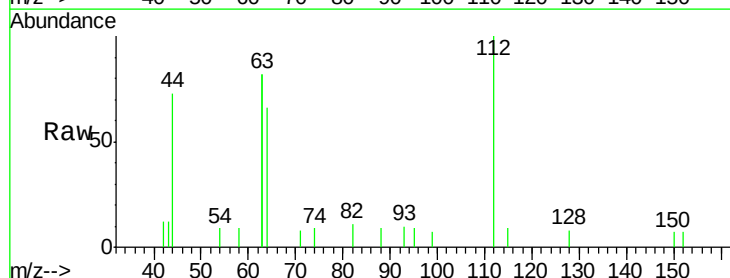
Tgt Ion: 112 Resp: 1141

Ion Ratio Lower Upper

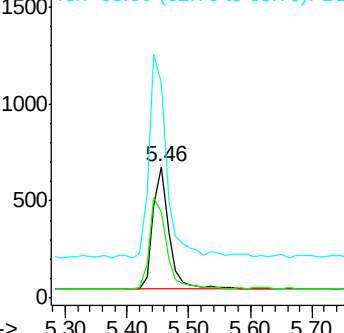
112 100

64 77.1 58.9 88.3

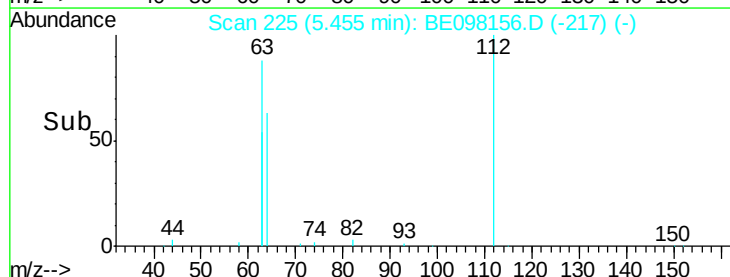
63 175.0 120.3 180.5

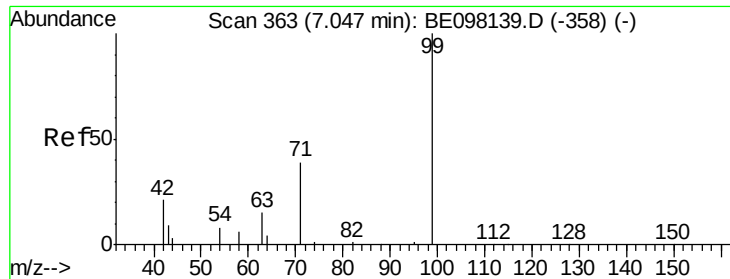


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.380 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

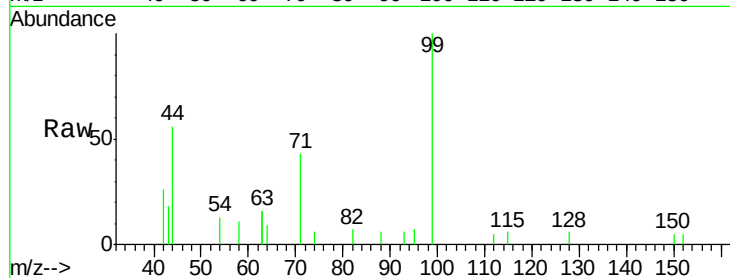
Tgt Ion: 99 Resp: 1794

Ion Ratio Lower Upper

99 100

42 31.7 19.9 29.9#

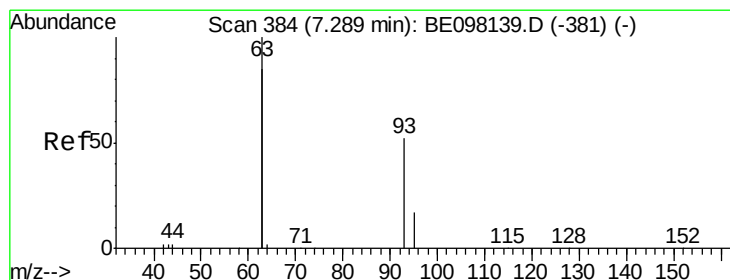
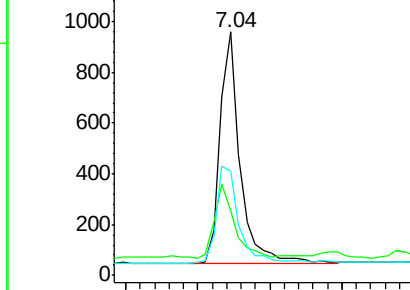
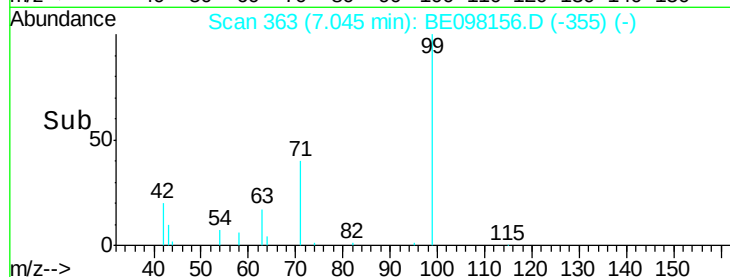
71 46.2 27.8 41.8#



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: 0.389 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

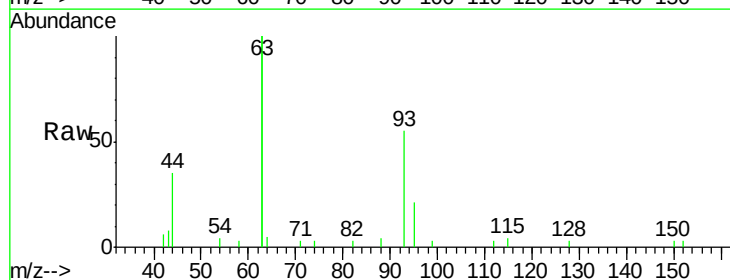
Tgt Ion: 93 Resp: 1345

Ion Ratio Lower Upper

93 100

63 346.5 259.0 388.4

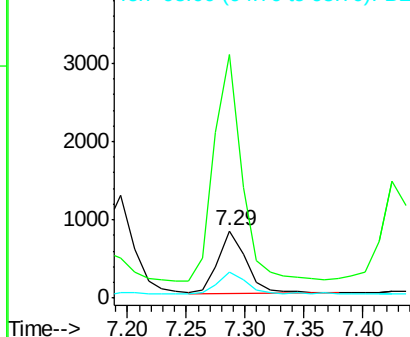
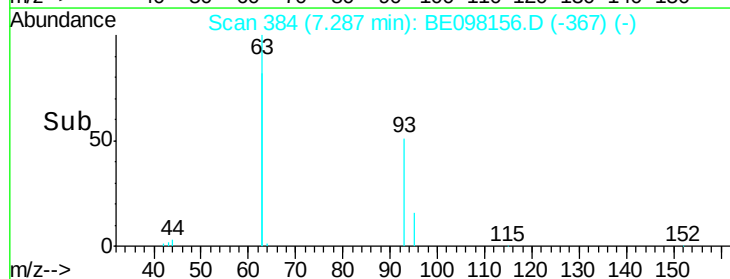
95 33.3 27.8 41.8

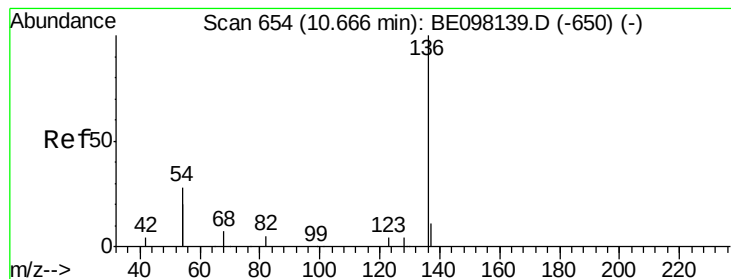


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

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ClientSampleId :

PB114428BSD

Tgt Ion: 136 Resp: 4623

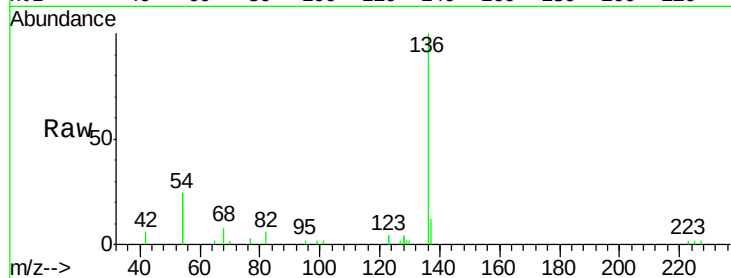
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 48.3 27.7 41.5#

68 7.5 5.3 7.9

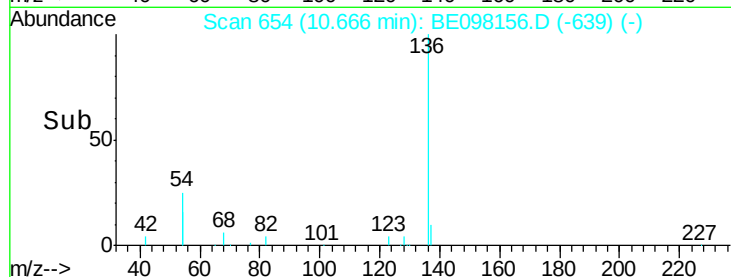


Abundance Ion 136.00 (135.70 to 136.70): E

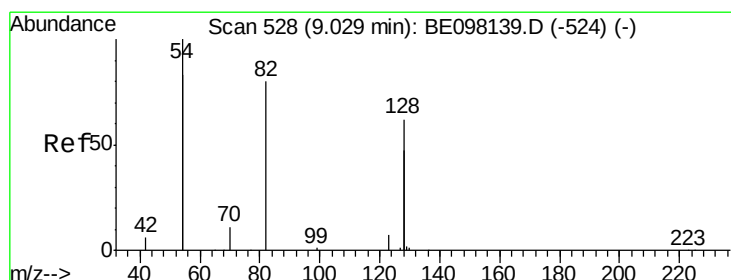
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.50 10.60 10.70 10.80



#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

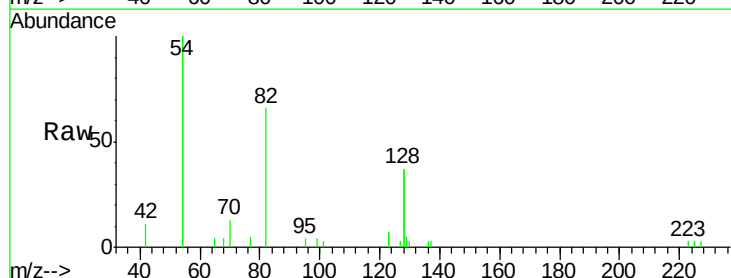
Tgt Ion: 82 Resp: 1812

Ion Ratio Lower Upper

82 100

128 110.7 129.9 194.9#

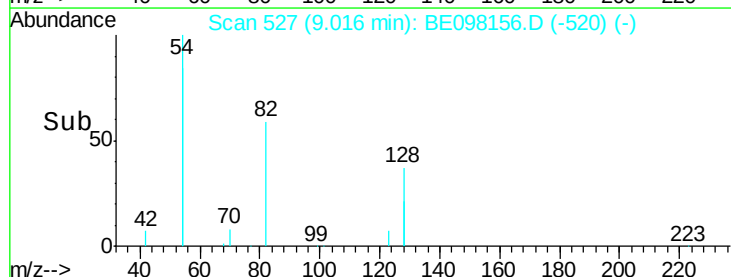
54 302.4 174.0 261.0#



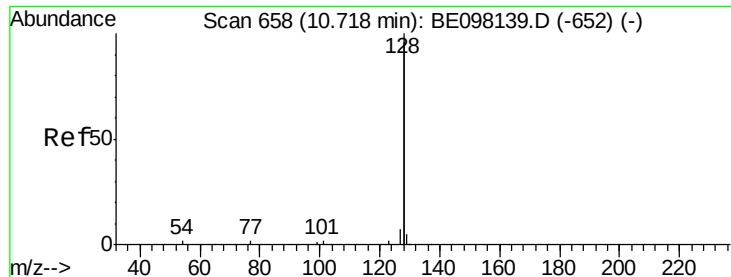
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 8.95 9.00 9.05 9.10



#9

Naphthalene

Concen: 0.415 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

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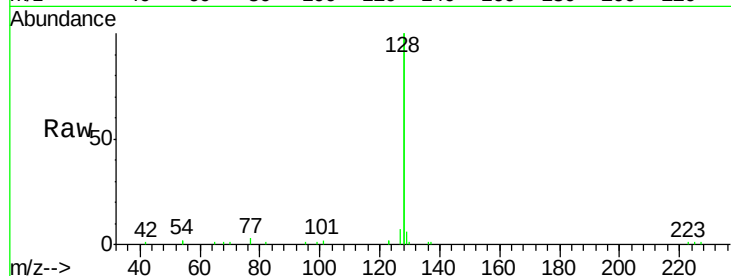
Tgt Ion:128 Resp: 19187

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

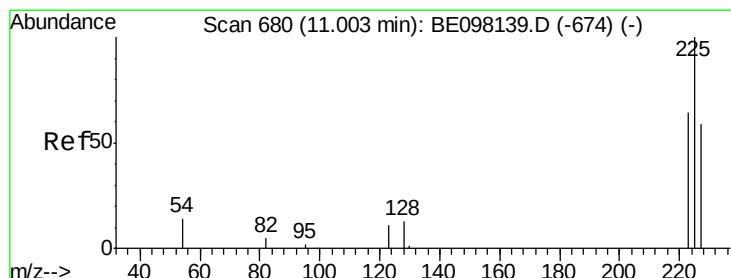
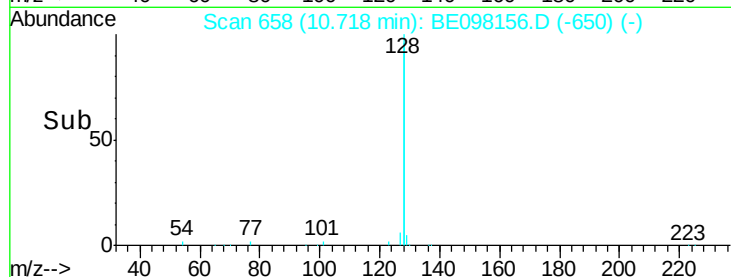
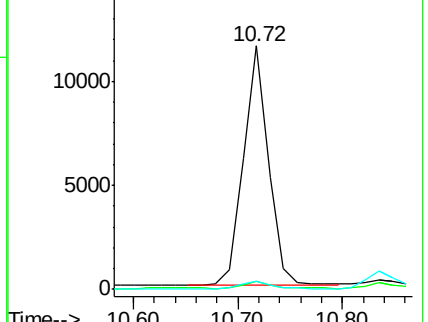
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.421 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

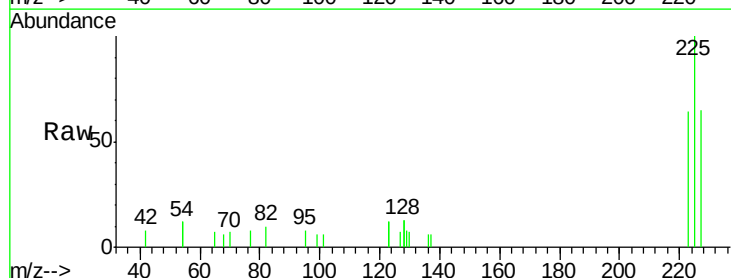
Tgt Ion:225 Resp: 1275

Ion Ratio Lower Upper

225 100

223 62.5 51.8 77.8

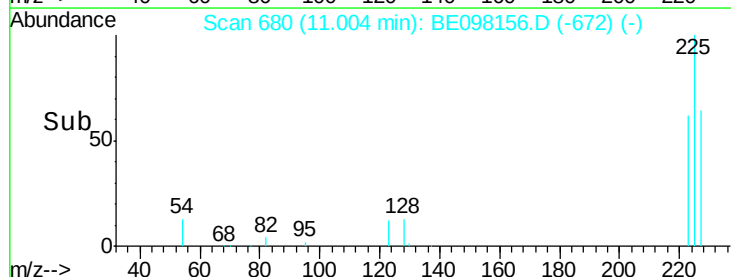
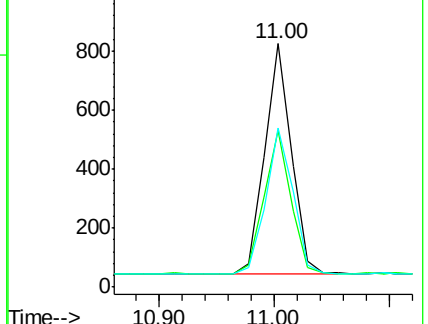
227 64.7 53.0 79.6

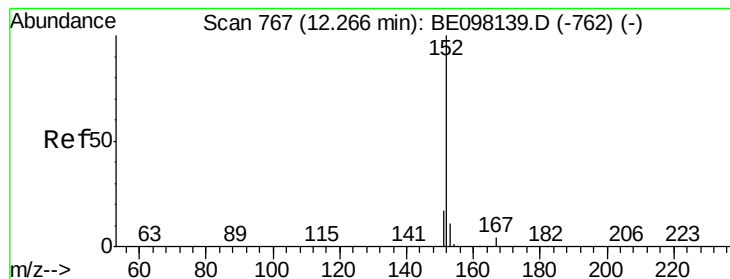


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

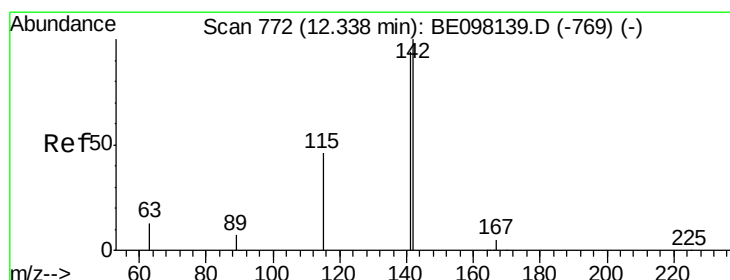
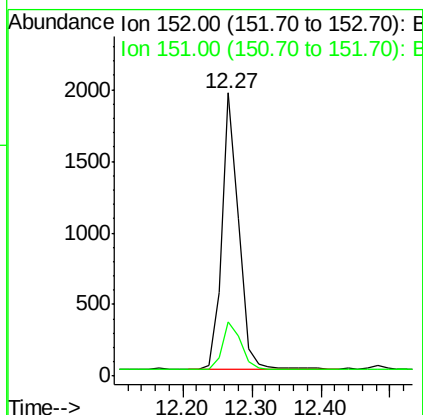
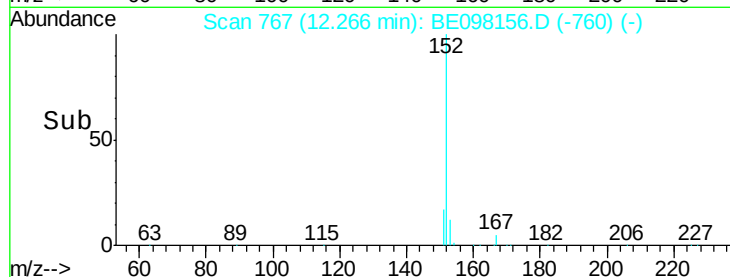
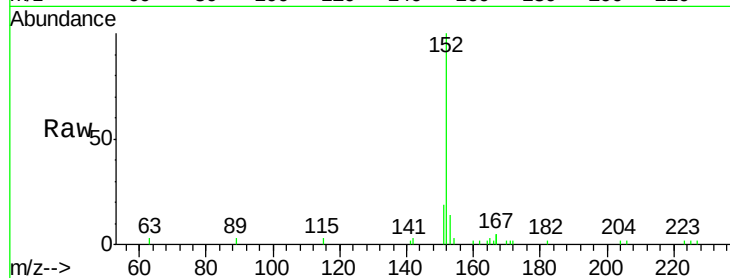




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098156.D
 Acq: 5 Nov 2018 11:40

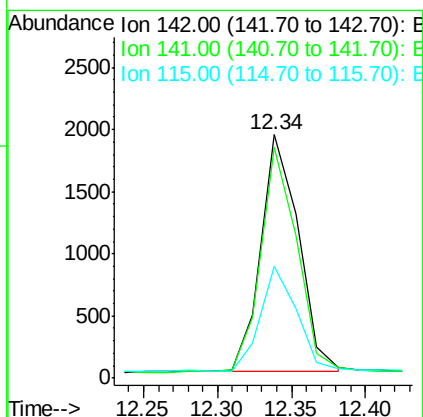
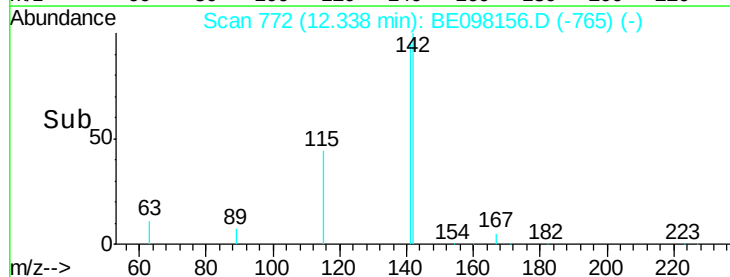
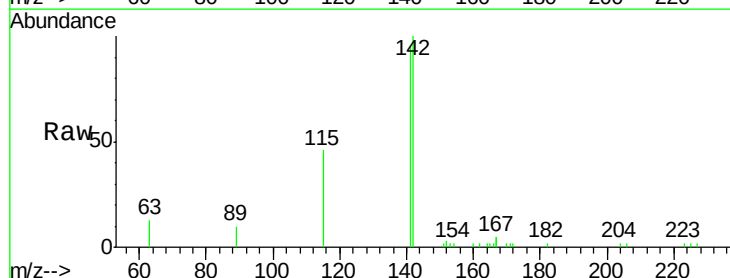
Instrument :
 BNA_E
 ClientSampleId :
 PB114428BSD

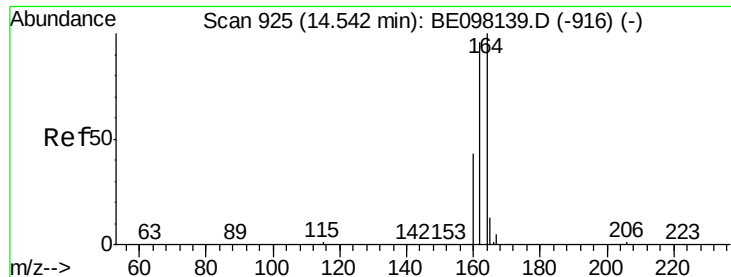
Tgt Ion:152 Resp: 3286
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.408 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098156.D
 Acq: 5 Nov 2018 11:40

Tgt Ion:142 Resp: 3362
 Ion Ratio Lower Upper
 142 100
 141 94.7 69.8 104.6
 115 46.0 30.5 45.7#

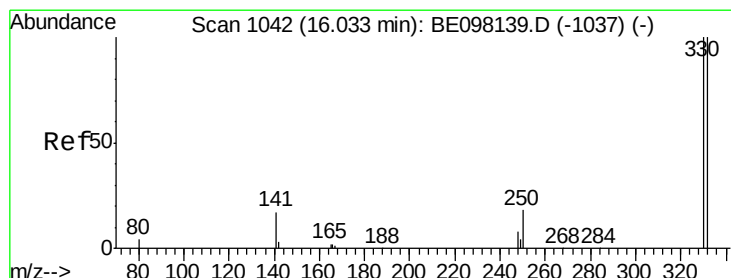
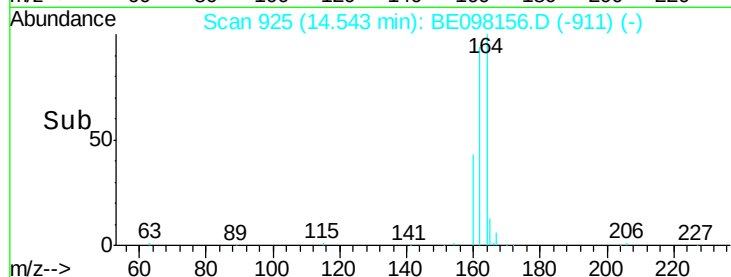
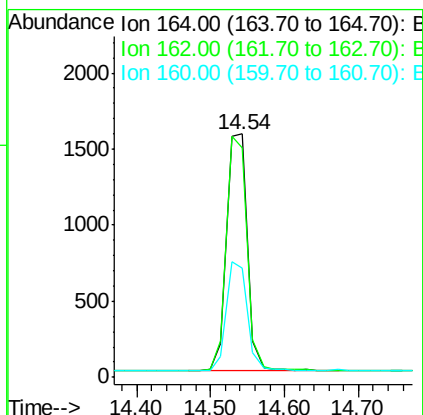
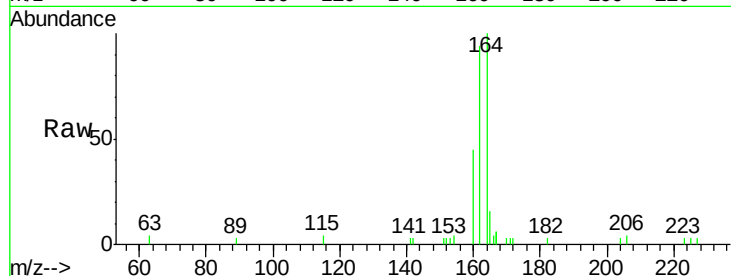




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

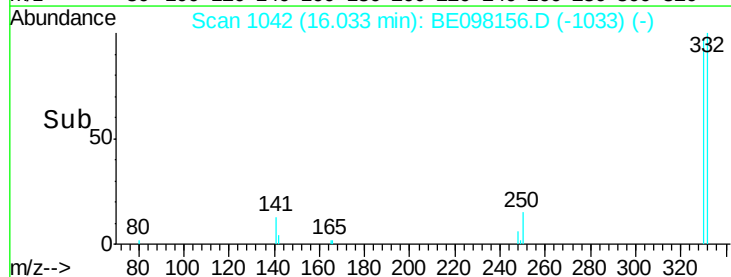
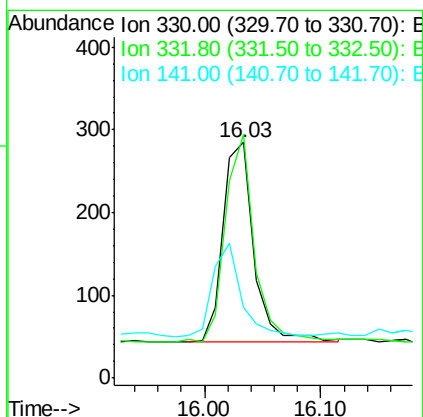
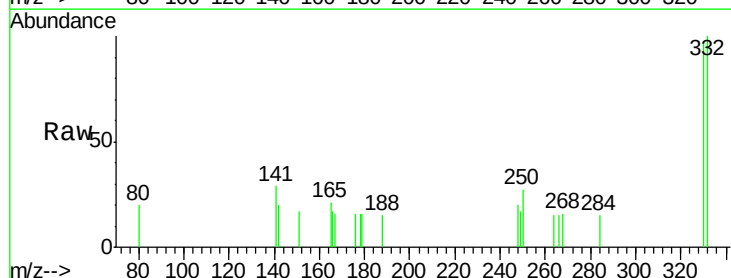
Instrument :
BNA_E
ClientSampleId :
PB114428BSD

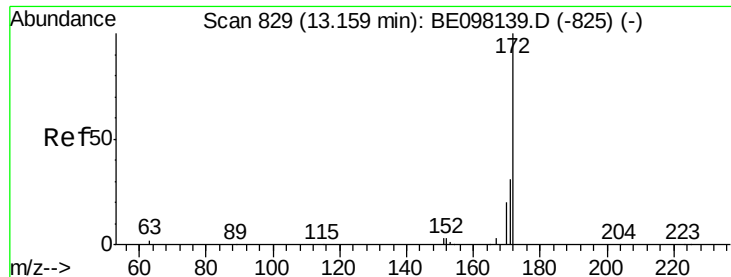
Tgt Ion:164 Resp: 3016
Ion Ratio Lower Upper
164 100
162 94.4 77.4 116.2
160 44.7 36.5 54.7



#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 98.2 76.5 114.7
141 42.6 31.8 47.6

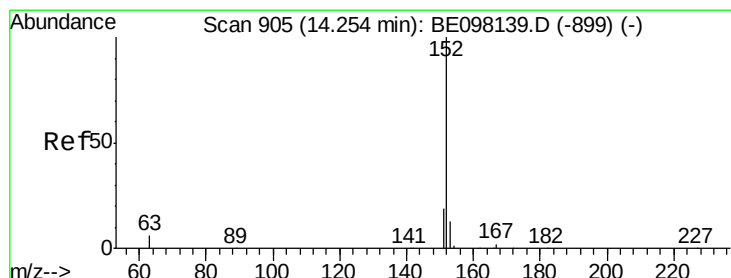
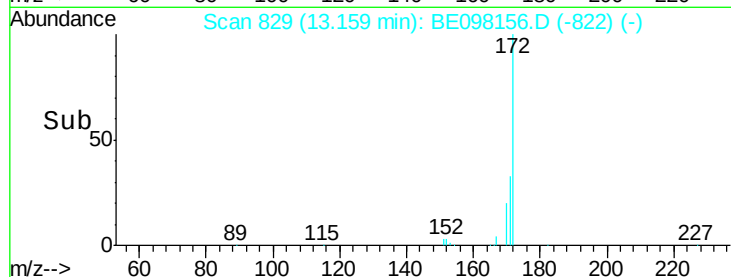
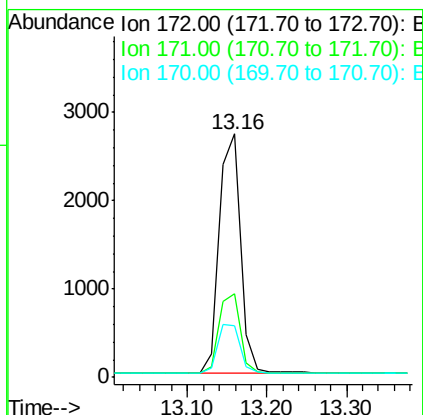
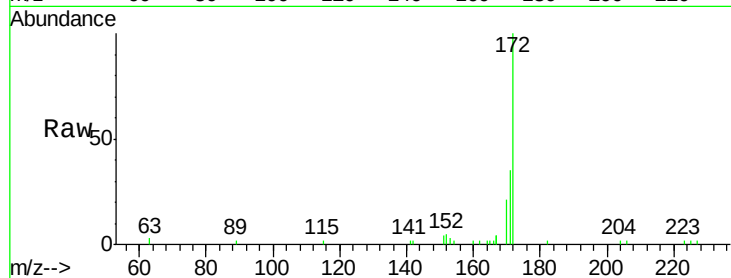




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

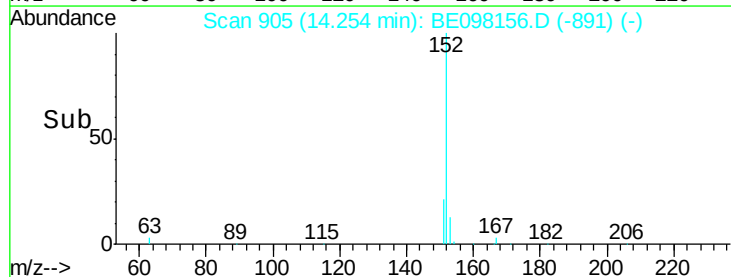
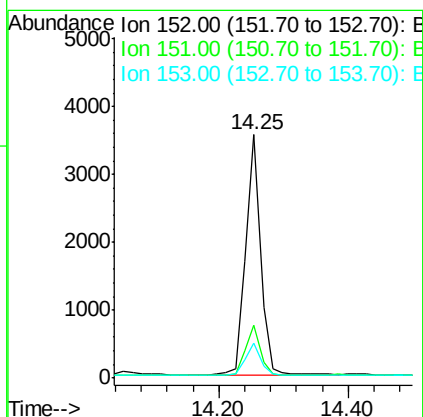
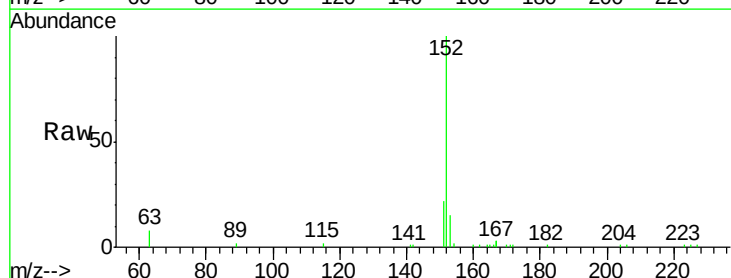
Instrument :
BNA_E
ClientSampleId :
PB114428BSD

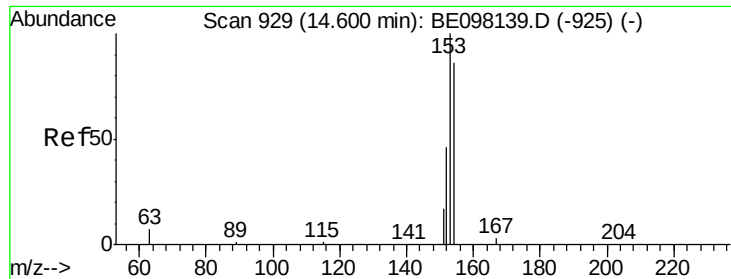
Tgt Ion:172 Resp: 5064
Ion Ratio Lower Upper
172 100
171 34.6 26.0 39.0
170 21.3 18.0 27.0



#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:152 Resp: 5611
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.9 16.3

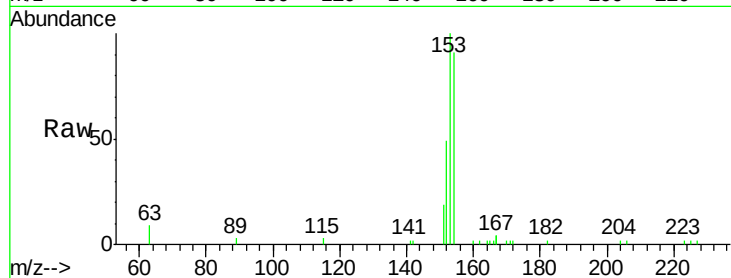




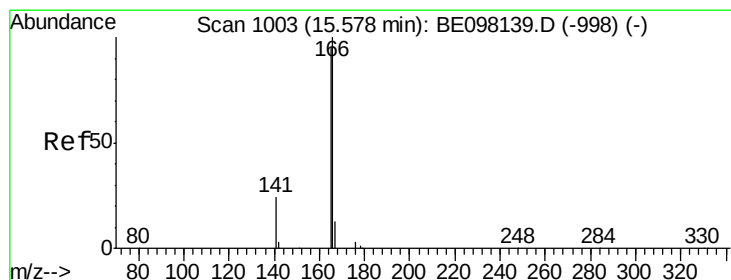
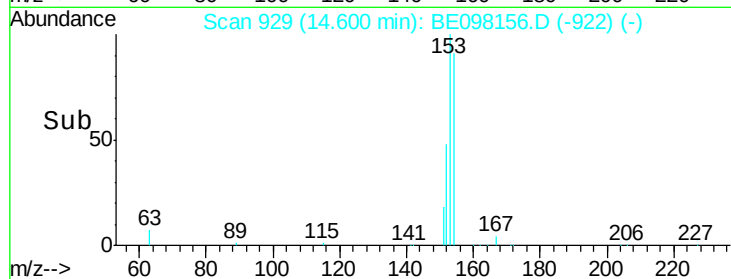
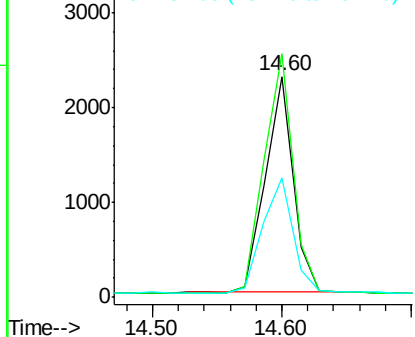
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Instrument :
BNA_E
ClientSampleId :
PB114428BSD

Tgt Ion:154 Resp: 3426
Ion Ratio Lower Upper
154 100
153 114.5 92.6 139.0
152 57.5 45.5 68.3

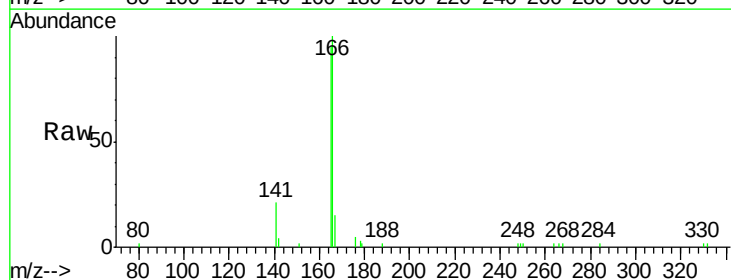


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

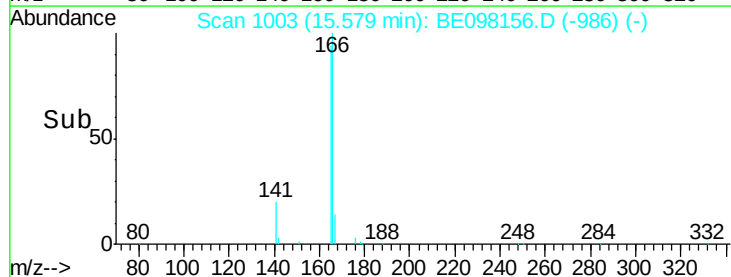
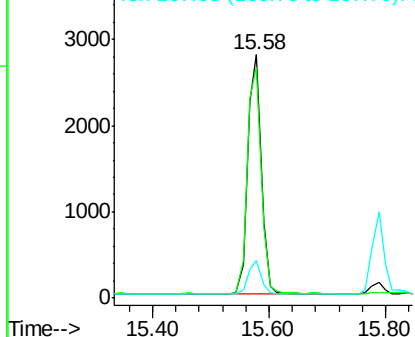


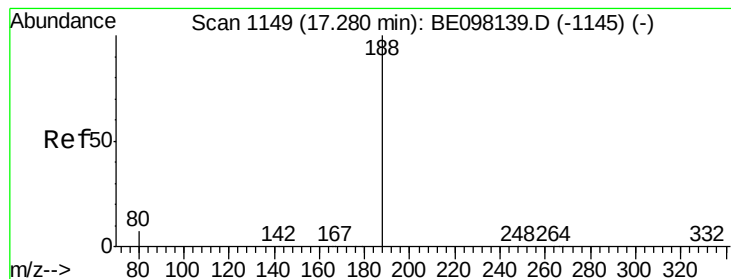
#18
Fluorene
Concen: 0.406 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:166 Resp: 4448
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 13.6 11.0 16.6



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

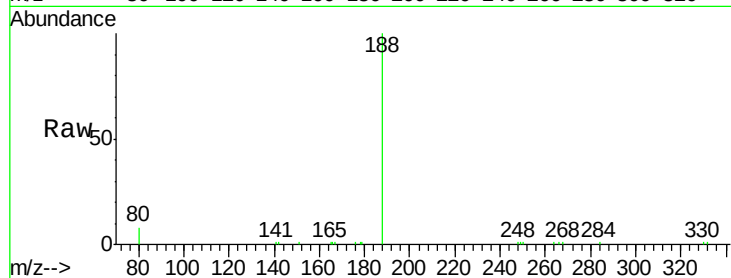
Tgt Ion:188 Resp: 7016

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

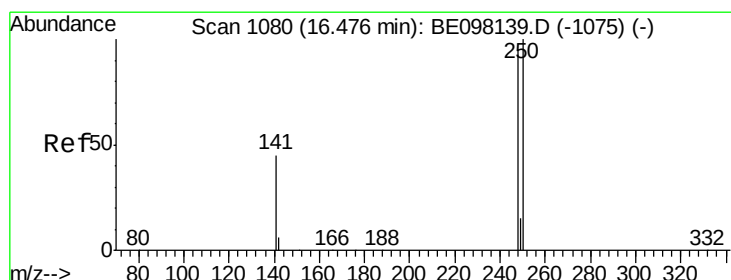
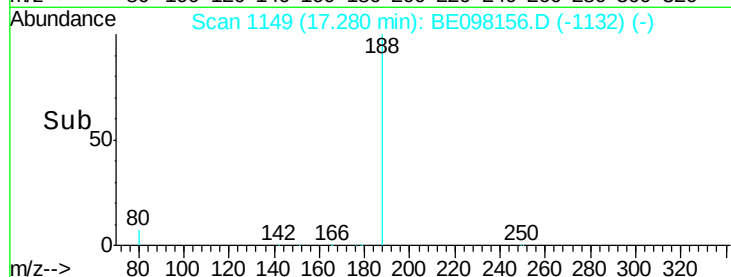
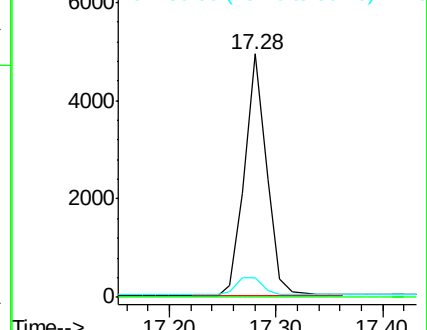
80 8.3 6.3 9.5



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: 0.416 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

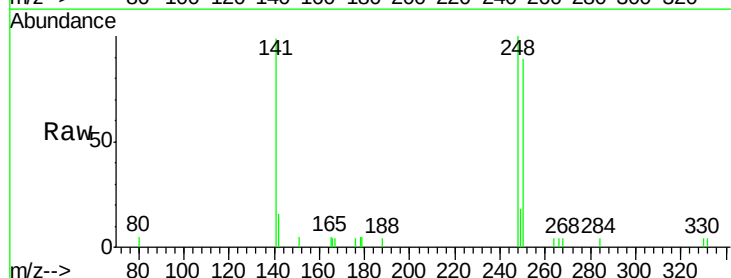
Tgt Ion:248 Resp: 1778

Ion Ratio Lower Upper

248 100

250 88.6 75.1 112.7

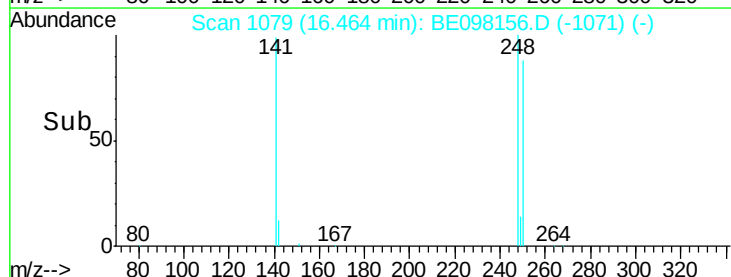
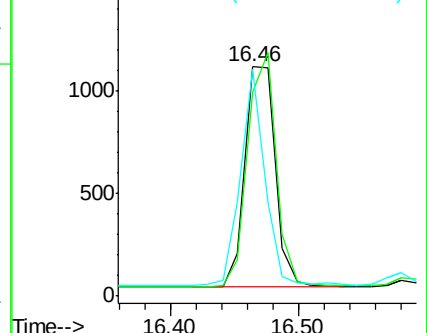
141 99.1 51.8 77.8#

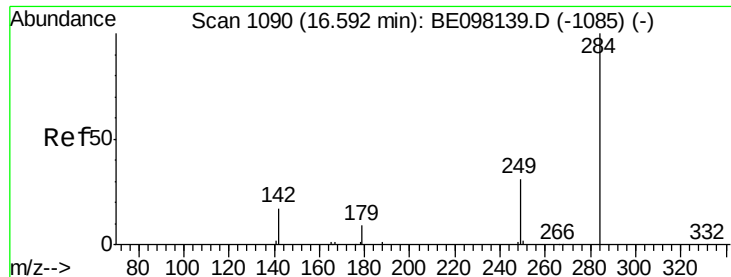


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

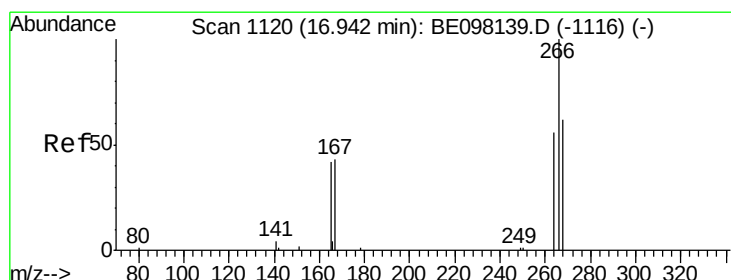
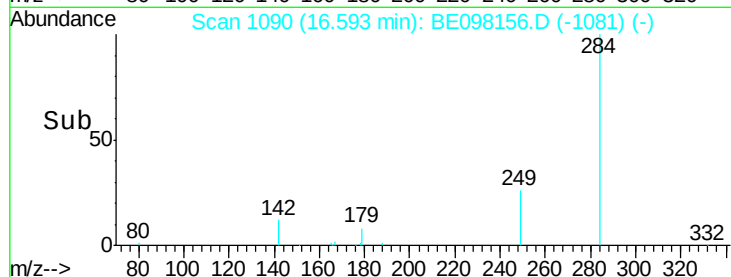
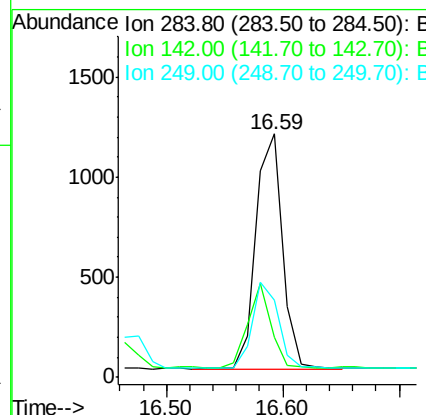
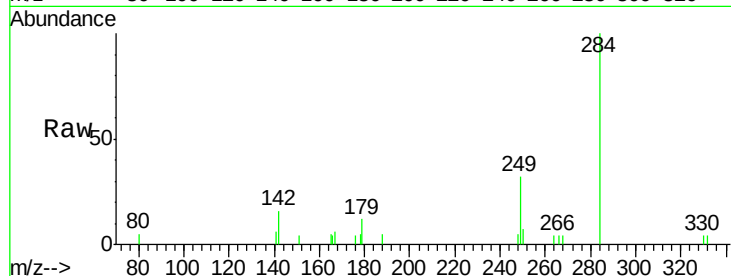




#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

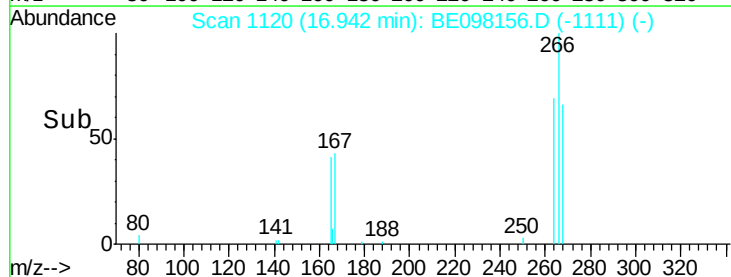
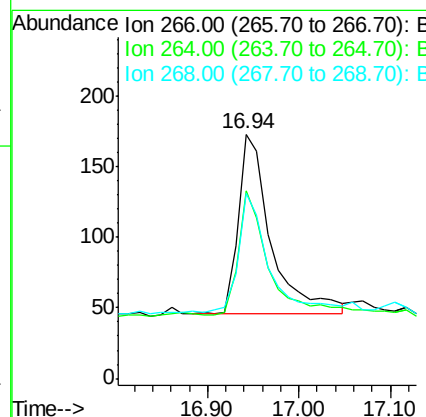
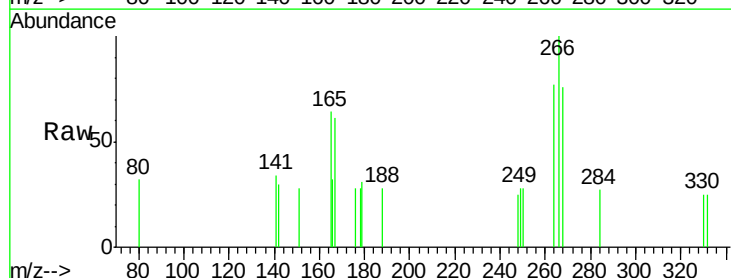
Instrument :
BNA_E
ClientSampleId :
PB114428BSD

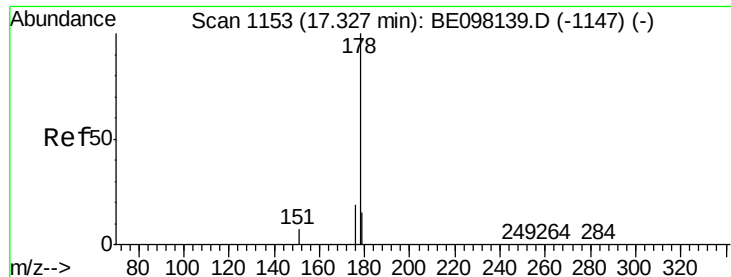
Tgt Ion:284 Resp: 1872
Ion Ratio Lower Upper
284 100
142 31.6 25.9 38.9
249 36.0 26.6 40.0



#22
Pentachlorophenol
Concen: 0.374 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098156.D
Acq: 5 Nov 2018 11:40

Tgt Ion:266 Resp: 317
Ion Ratio Lower Upper
266 100
264 76.9 51.3 76.9
268 75.7 50.1 75.1#





#23

Phenanthrene

Concen: 0.414 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

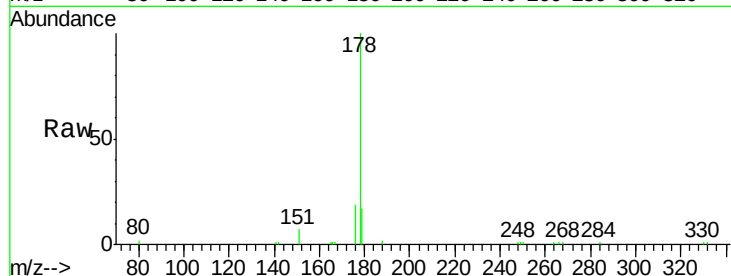
Tgt Ion:178 Resp: 7188

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

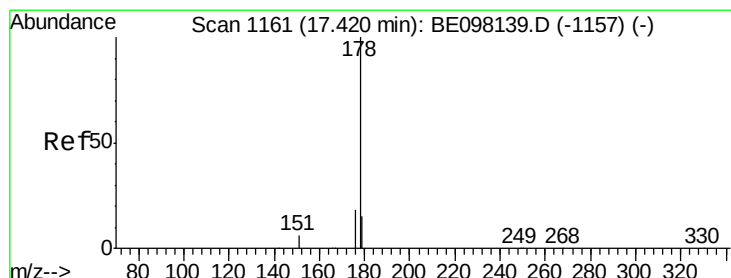
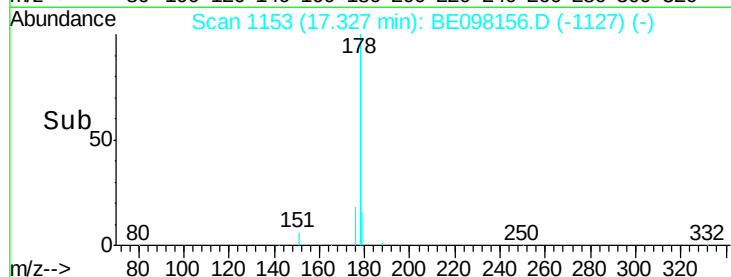
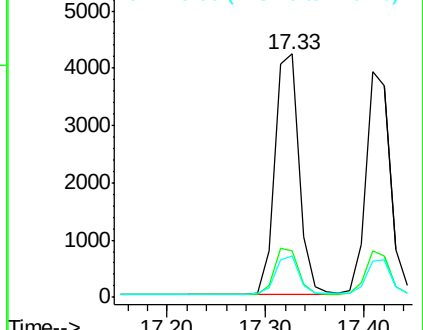
179 15.6 12.2 18.4



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: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

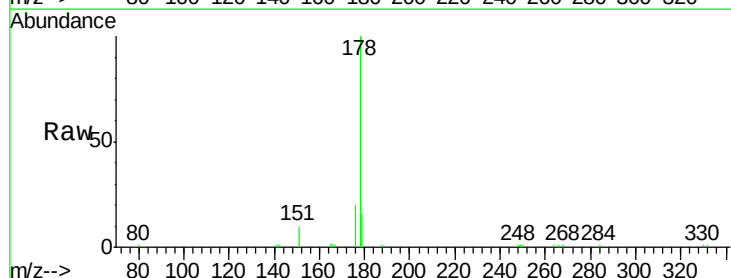
Tgt Ion:178 Resp: 6618

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

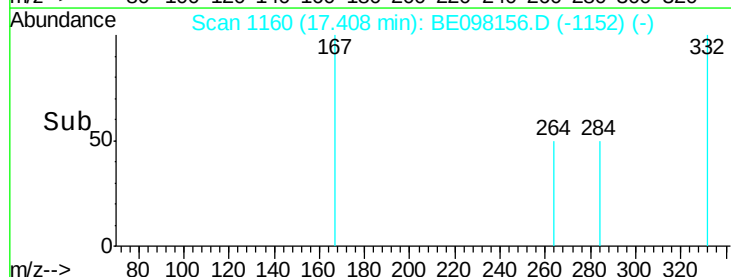
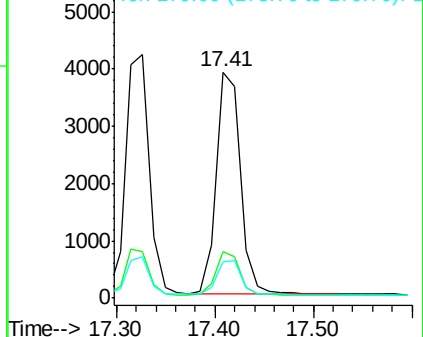
179 15.9 11.9 17.9

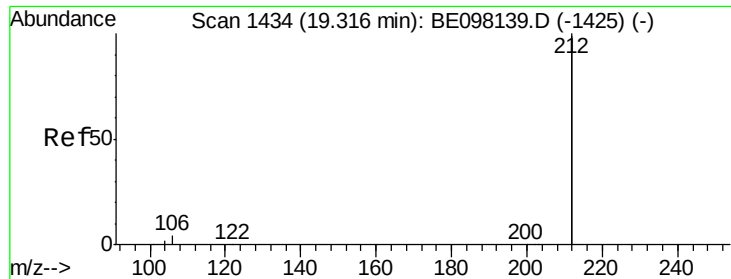


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

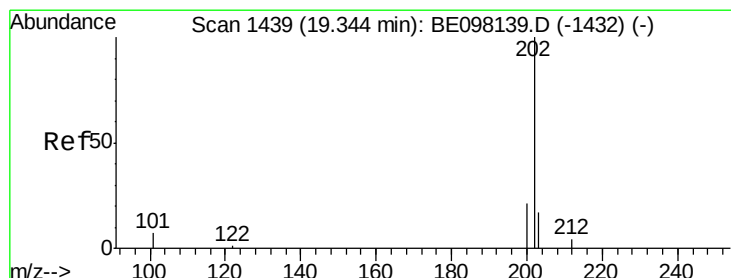
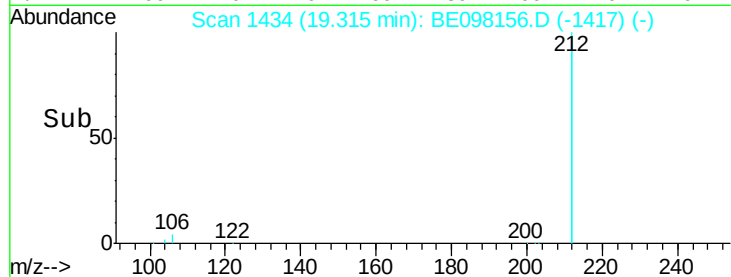
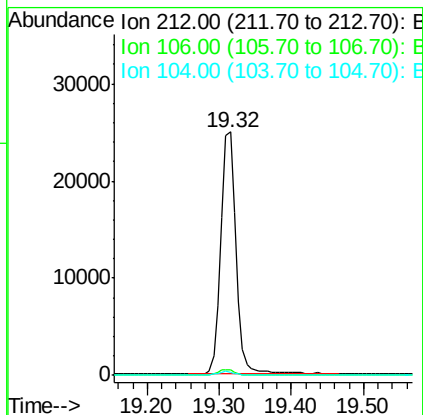
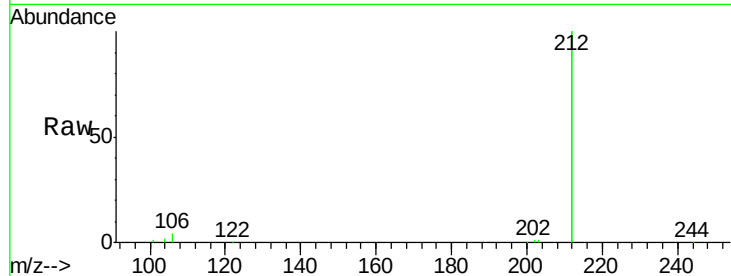
Instrument :

BNA_E

ClientSampleId :

PB114428BSD

Tgt Ion:	212	Resp:	36125
Ion Ratio	Lower	Upper	
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9



#26

Fluoranthene

Concen: 0.403 ng

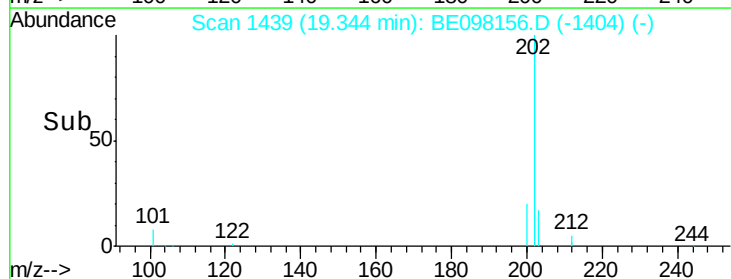
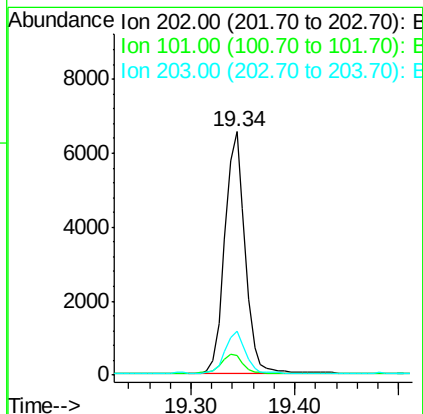
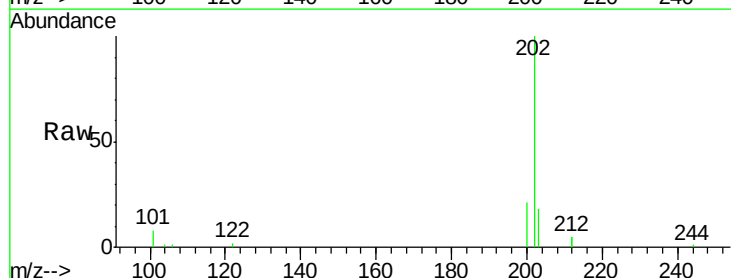
RT: 19.34 min Scan# 1439

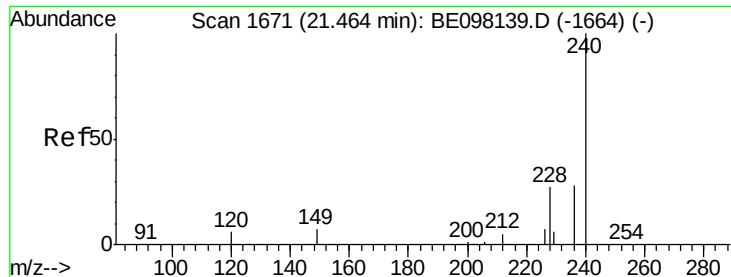
Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Tgt Ion:	202	Resp:	8775
Ion Ratio	Lower	Upper	
202	100		
101	8.4	8.2	12.2
203	17.2	15.0	22.4

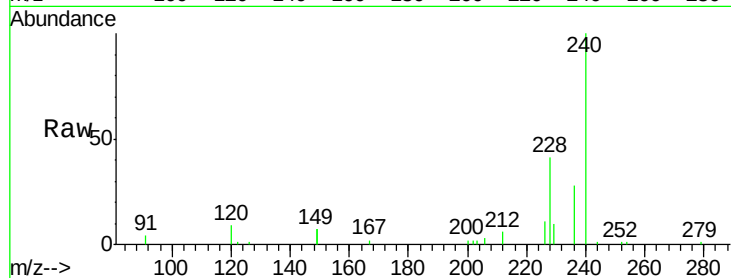




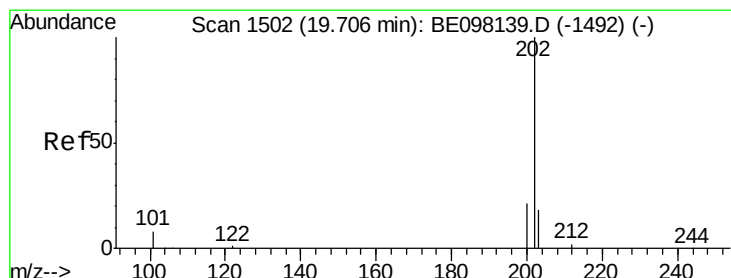
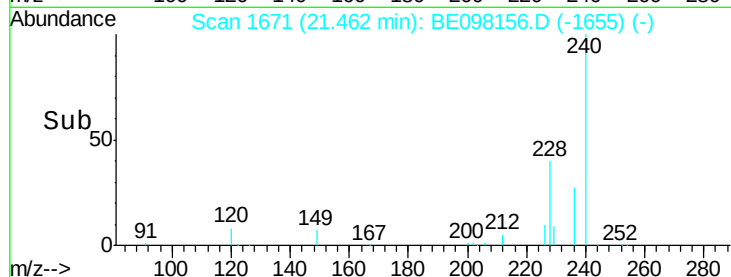
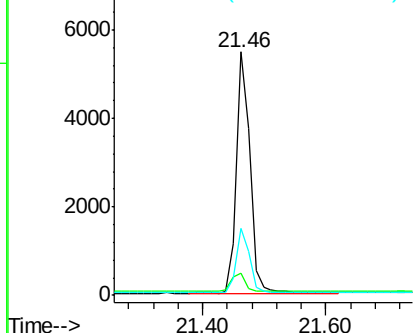
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098156.D
 Acq: 5 Nov 2018 11:40

Instrument :
 BNA_E
 ClientSampleId :
 PB114428BSD

Tgt Ion:240 Resp: 8215
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.1 10.7
 236 27.8 21.3 31.9

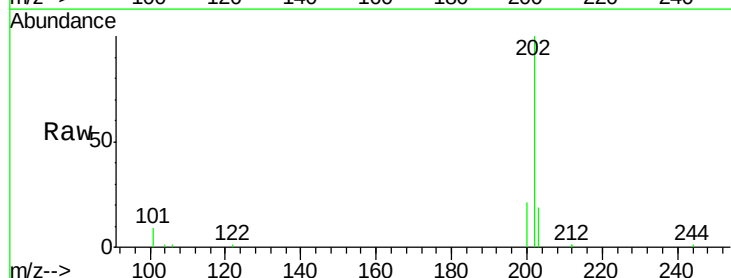


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

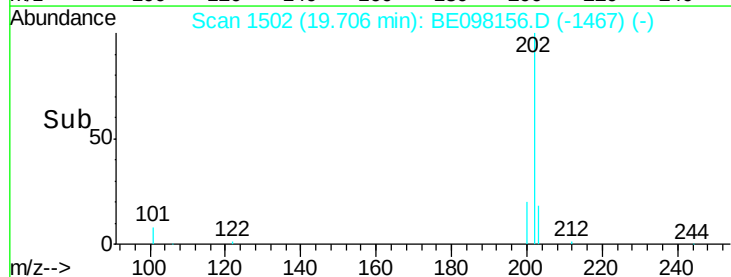
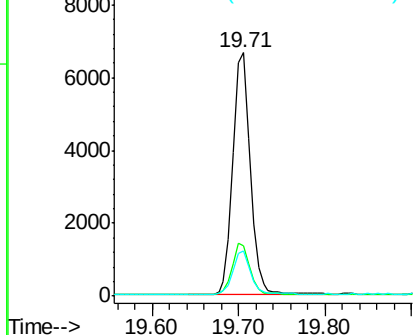


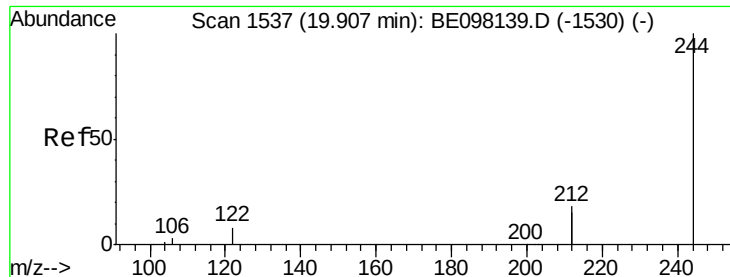
#28
 Pyrene
 Concen: 0.408 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098156.D
 Acq: 5 Nov 2018 11:40

Tgt Ion:202 Resp: 9148
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.7 14.2 21.4



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: 0.404 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

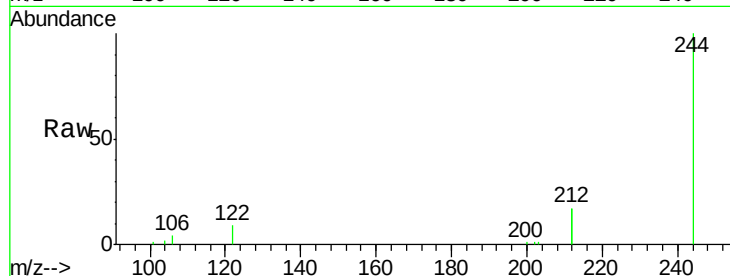
Tgt Ion:244 Resp: 7723

Ion Ratio Lower Upper

244 100

212 34.8 26.2 39.2

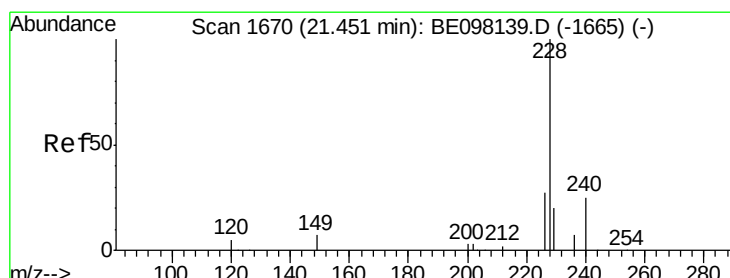
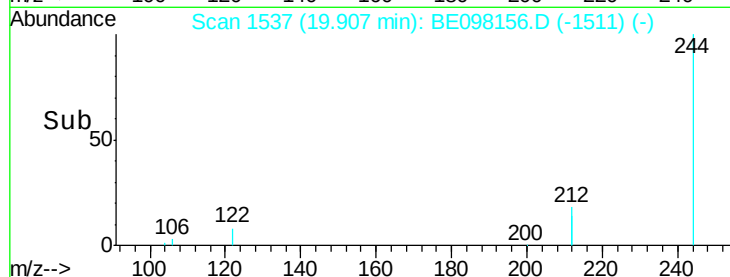
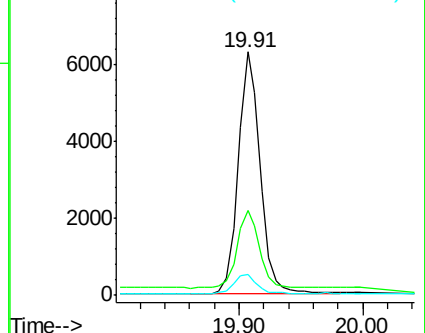
122 8.7 7.7 11.5



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: 0.397 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

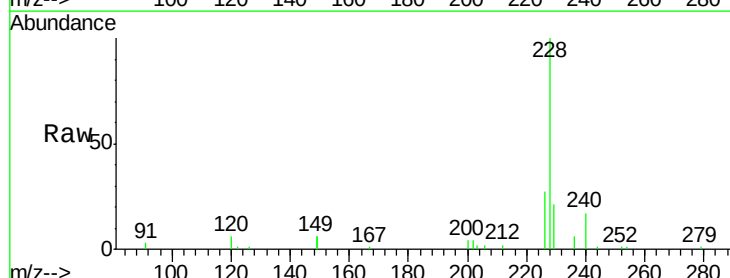
Tgt Ion:228 Resp: 9539

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

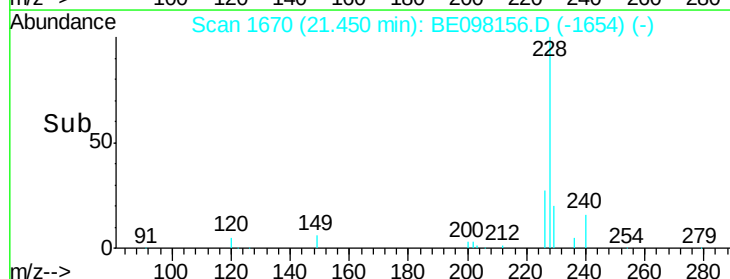
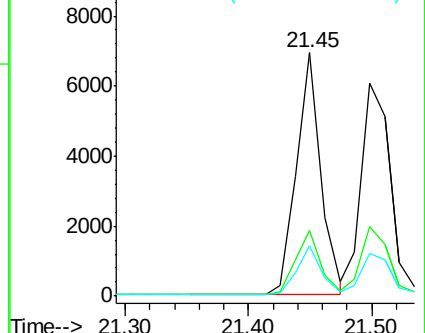
229 20.8 16.9 25.3

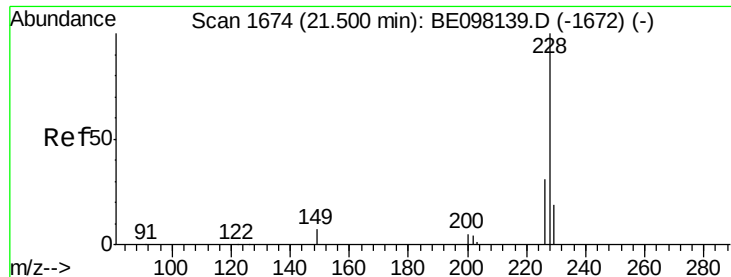


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

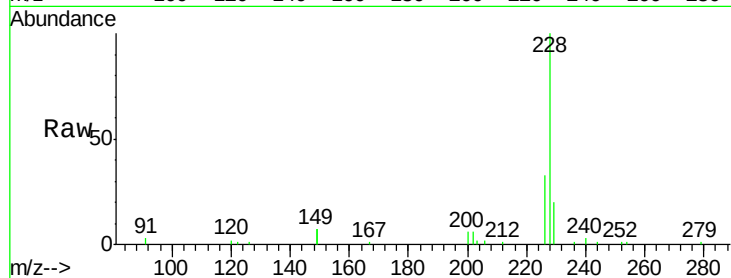
Tgt Ion:228 Resp: 9642

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

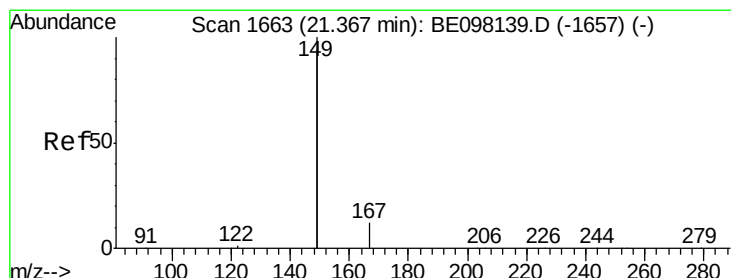
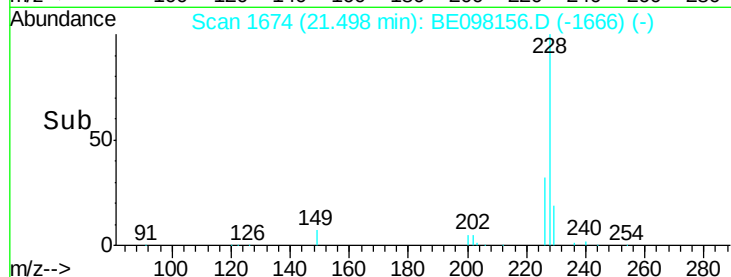
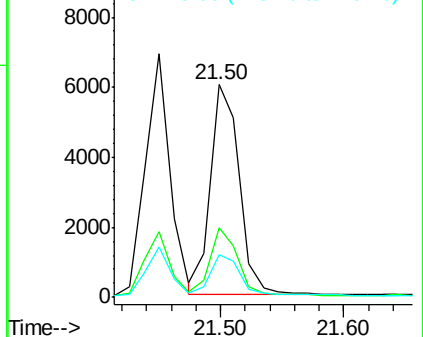
229 19.8 17.3 25.9



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: 0.206 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

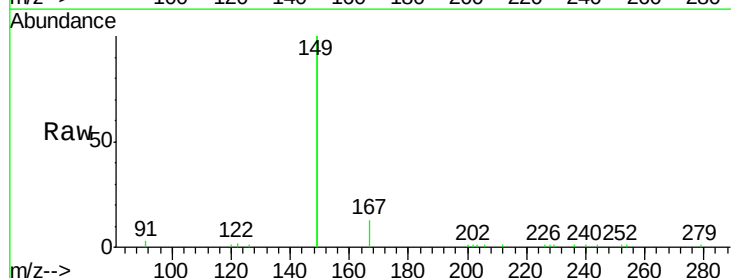
Tgt Ion:149 Resp: 18935

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

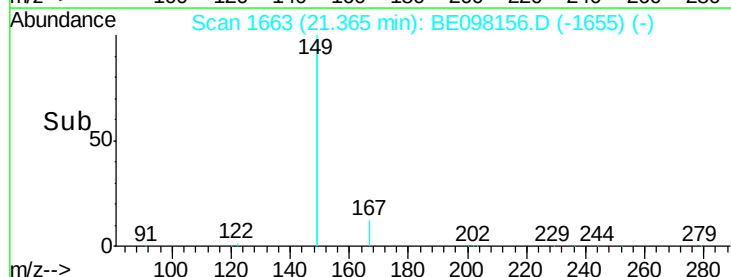
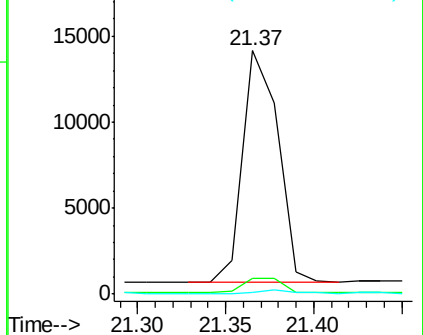
279 1.2 0.9 1.3

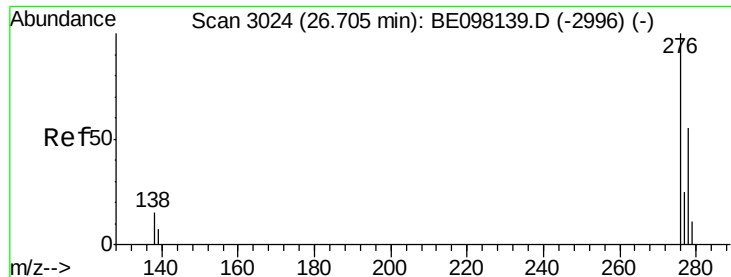


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.393 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.01 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

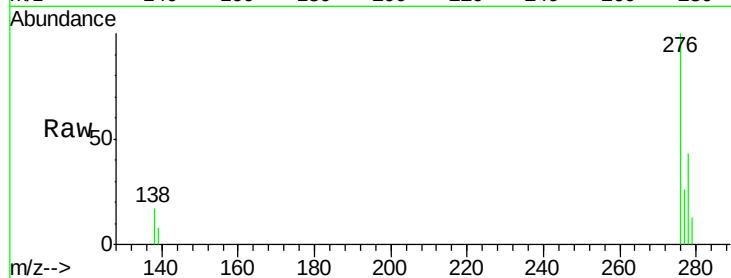
Tgt Ion:276 Resp: 9711

Ion Ratio Lower Upper

276 100

138 16.4 17.0 25.6#

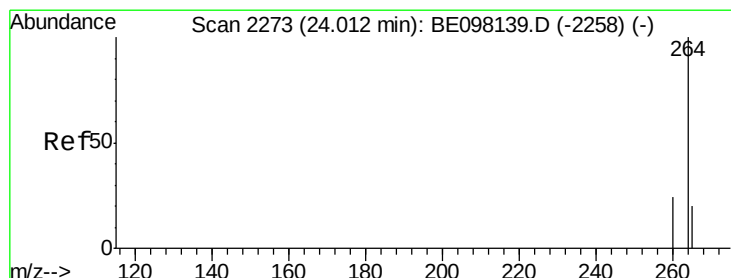
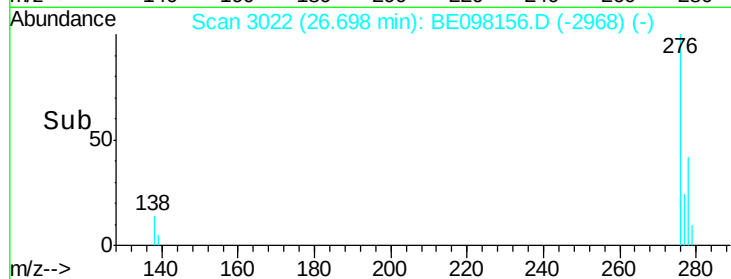
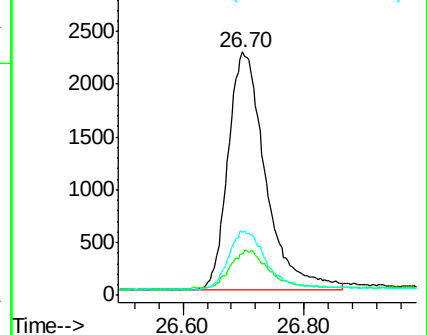
277 25.1 20.5 30.7



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

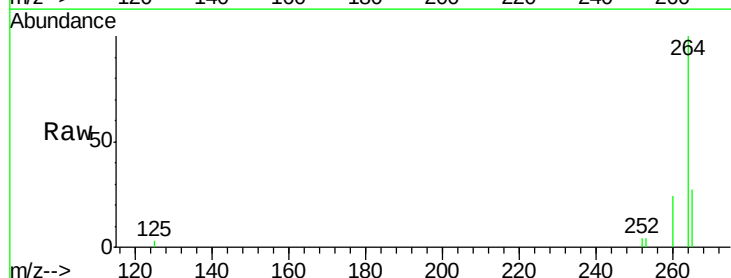
Tgt Ion:264 Resp: 7867

Ion Ratio Lower Upper

264 100

260 24.4 21.1 31.7

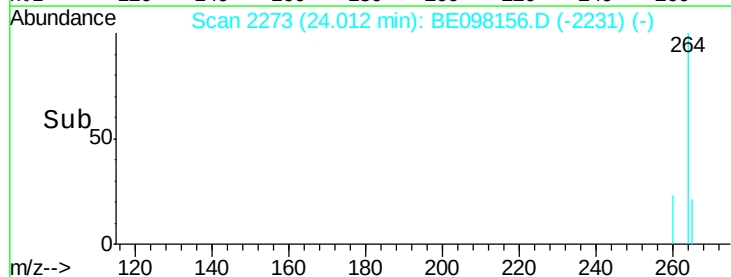
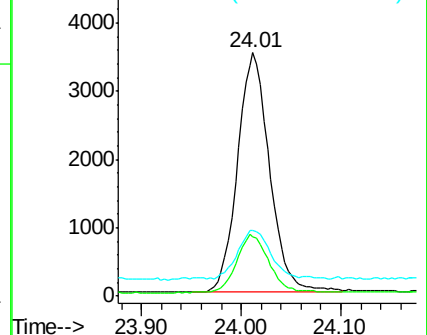
265 27.2 29.2 43.8#

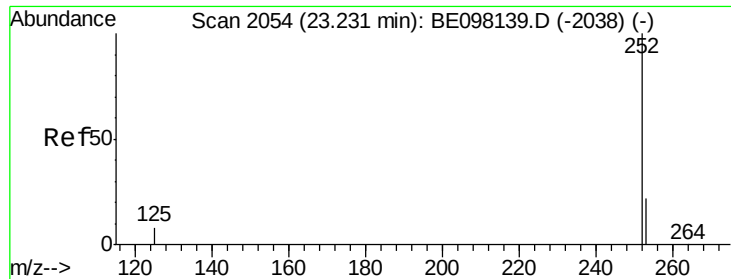


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

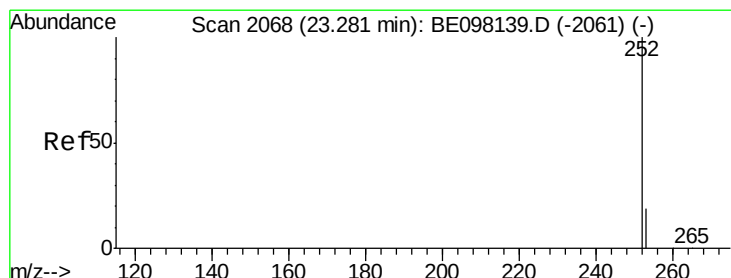
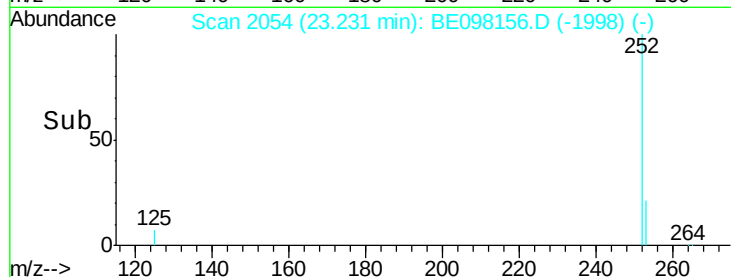
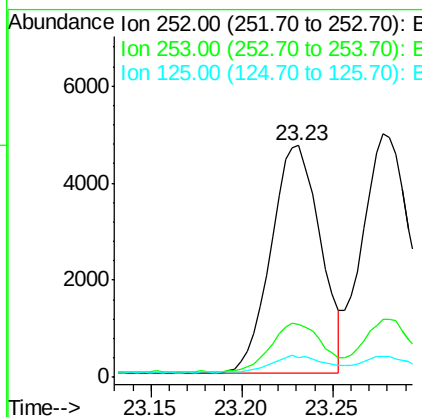
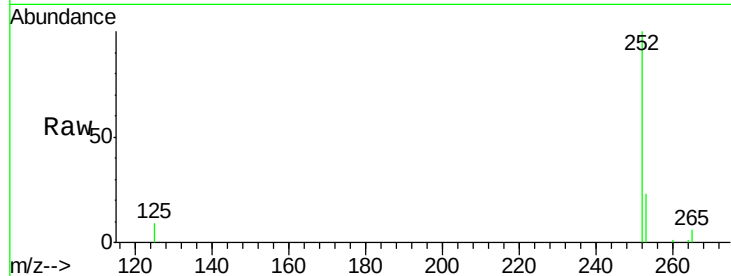
BNA_E

ClientSampleId :

PB114428BSD

Tgt Ion:252 Resp: 8837

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.6	31.0
125	8.6	14.3	21.5#



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 23.28 min Scan# 2067

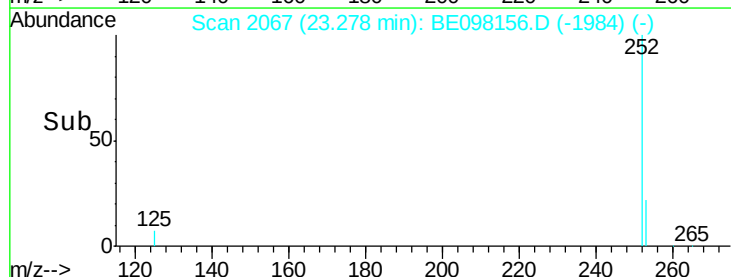
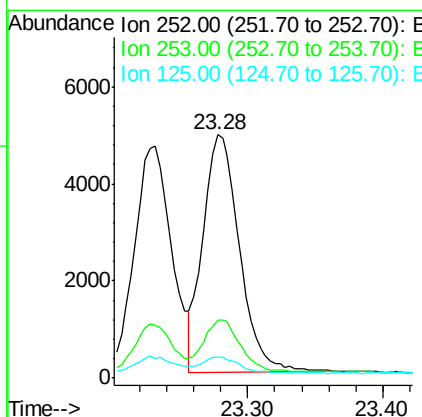
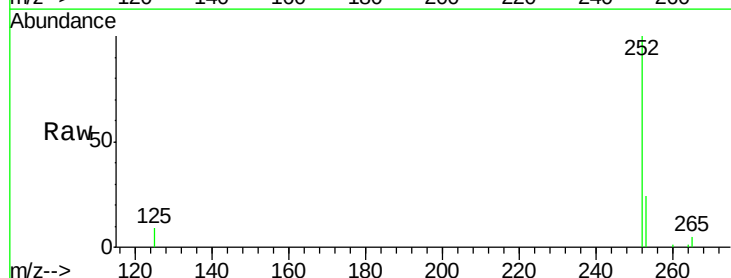
Delta R.T. -0.00 min

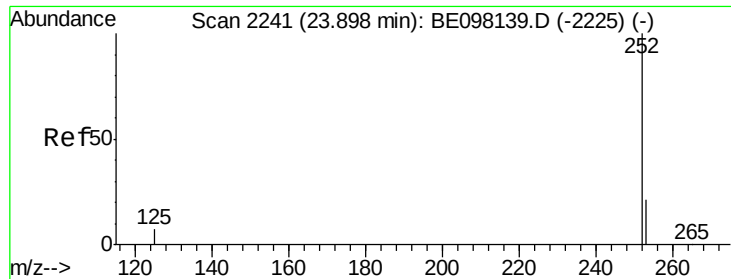
Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Tgt Ion:252 Resp: 9223

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.4	30.6
125	8.6	14.6	21.8#





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD

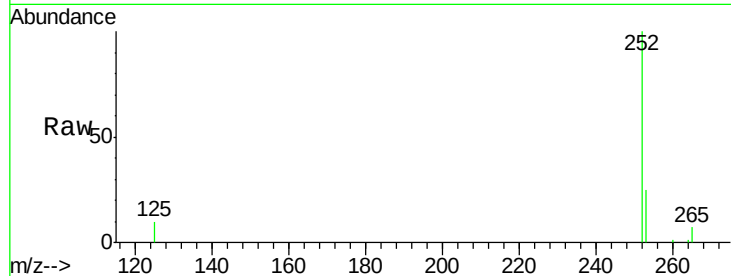
Tgt Ion:252 Resp: 8784

Ion Ratio Lower Upper

252 100

253 25.1 20.6 31.0

125 9.6 15.6 23.4#

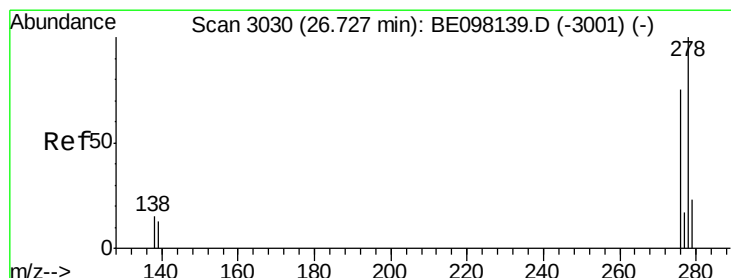
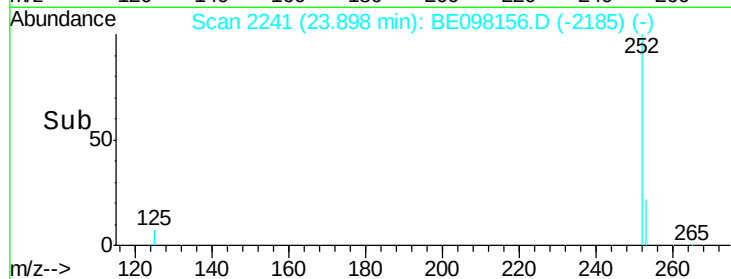
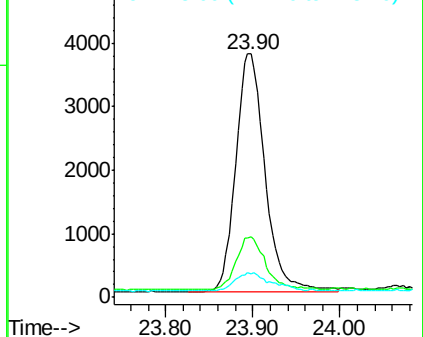


Abundance

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: 0.399 ng

RT: 26.73 min Scan# 3030

Delta R.T. 0.00 min

Lab File: BE098156.D

Acq: 5 Nov 2018 11:40

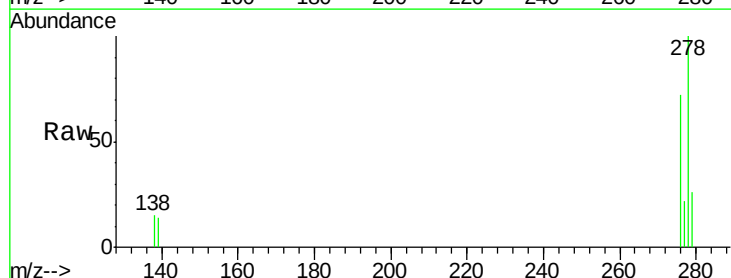
Tgt Ion:278 Resp: 8064

Ion Ratio Lower Upper

278 100

139 14.0 16.3 24.5#

279 25.9 21.4 32.2

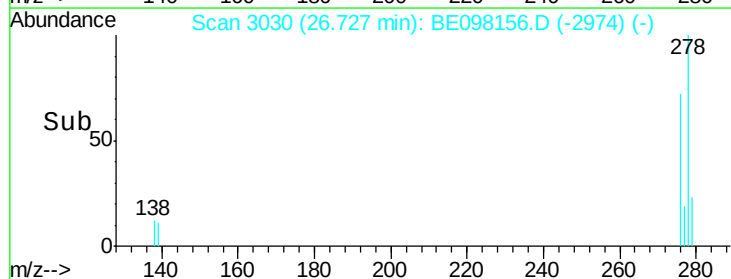
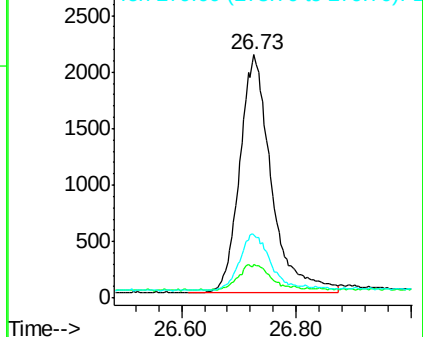


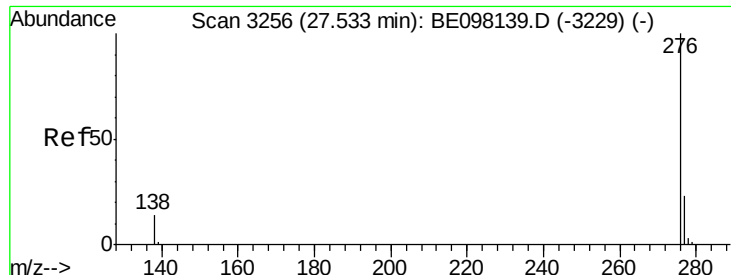
Abundance

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: 0.404 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098156.D

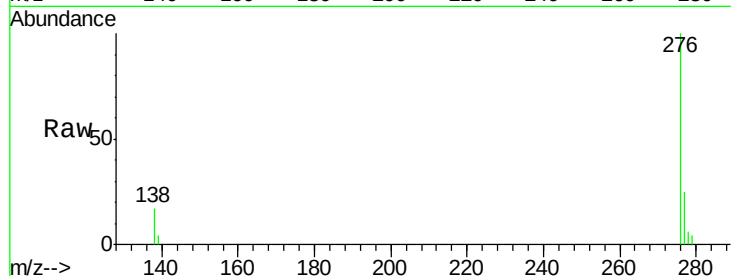
Acq: 5 Nov 2018 11:40

Instrument :

BNA_E

ClientSampleId :

PB114428BSD



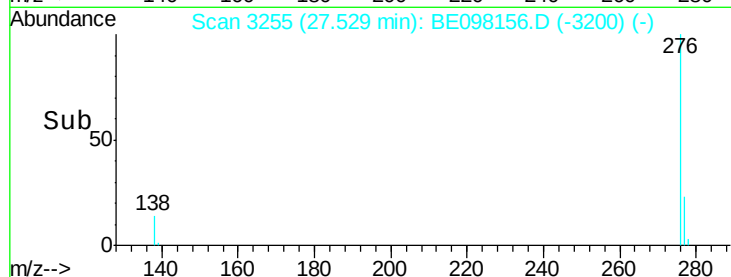
Tgt Ion: 276 Resp: 8129

Ion Ratio Lower Upper

276 100

277 24.7 22.1 33.1

138 16.9 19.3 28.9#



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

