

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
 Data File : BE098246.D
 Acq On : 19 Nov 2018 10:33
 Operator : SJ/JU
 Sample : PB114879BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BSD

Quant Time: Nov 19 11:04:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1238	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	4710	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	2568	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	7275	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8969	0.40	ng	0.00
34) Perylene-d12	24.02	264	8341	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	958	0.29	ng	0.00
5) Phenol-d6	7.05	99	1334	0.26	ng	0.01
8) Nitrobenzene-d5	9.03	82	1443	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2406	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	272	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	3244	0.29	ng	0.01
25) Fluoranthene-d10	19.31	212	31216	0.35	ng	0.00
29) Terphenyl-d14	19.91	244	5759	0.28	ng	0.00

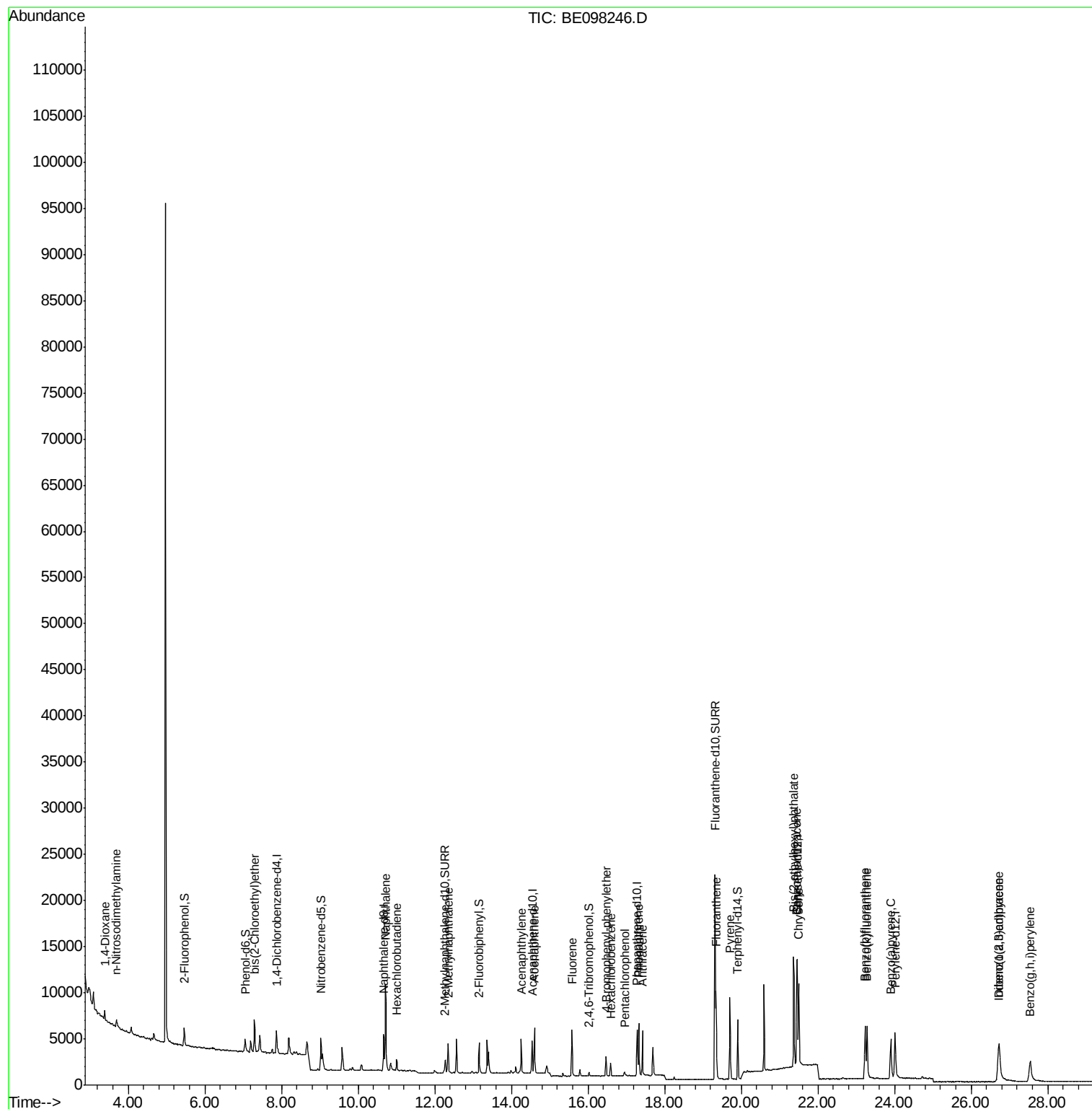
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	502	0.258	ng	# 51
3) n-Nitrosodimethylamine	3.70	42	788	0.361	ng	# 80
6) bis(2-Chloroethyl)ether	7.29	93	1329	0.298	ng	99
9) Naphthalene	10.72	128	16239	0.339	ng	100
10) Hexachlorobutadiene	11.00	225	869	0.309	ng	97
12) 2-Methylnaphthalene	12.35	142	2627	0.311	ng	91
16) Acenaphthylene	14.26	152	4035	0.330	ng	98
17) Acenaphthene	14.60	154	2358	0.323	ng	97
18) Fluorene	15.58	166	3235	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	1242	0.276	ng	# 81
21) Hexachlorobenzene	16.59	284	1241	0.267	ng	99
22) Pentachlorophenol	16.95	266	393	0.534	ng	94
23) Phenanthrene	17.33	178	6115	0.327	ng	100
24) Anthracene	17.42	178	5870	0.345	ng	98
26) Fluoranthene	19.34	202	8293	0.369	ng	98
28) Pyrene	19.70	202	8466	0.323	ng	99
30) Benzo(a)anthracene	21.45	228	8703	0.335	ng	97
31) Chrysene	21.50	228	9236	0.346	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	15219	0.376	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	7972	0.349	ng	98
35) Benzo(b)fluoranthene	23.23	252	8254	0.350	ng	99
36) Benzo(k)fluoranthene	23.28	252	9160	0.344	ng	98
37) Benzo(a)pyrene	23.90	252	8098	0.350	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	6342	0.342	ng	98
39) Benzo(g,h,i)perylene	27.54	276	6898	0.345	ng	# 93

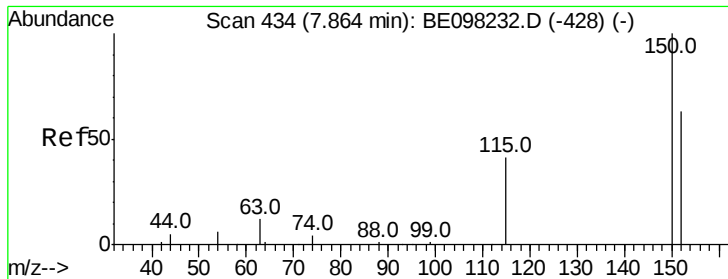
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

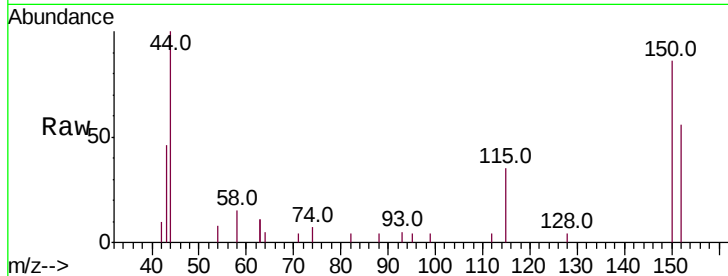
Tot Ion:152 Resp: 1238

Ion Ratio Lower Upper

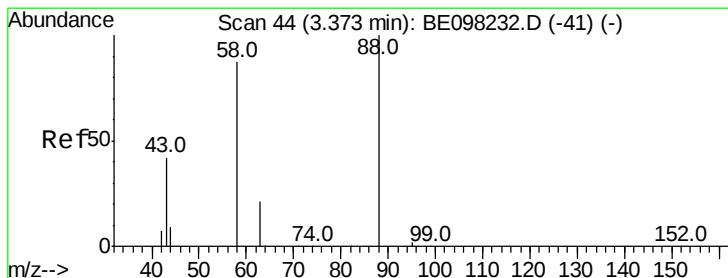
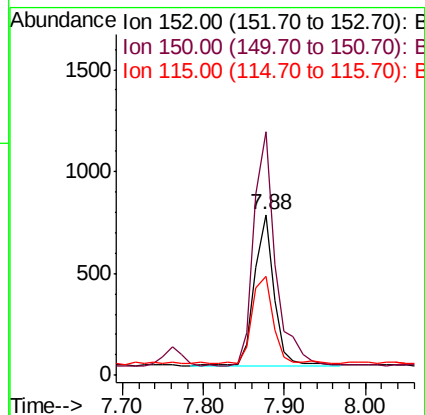
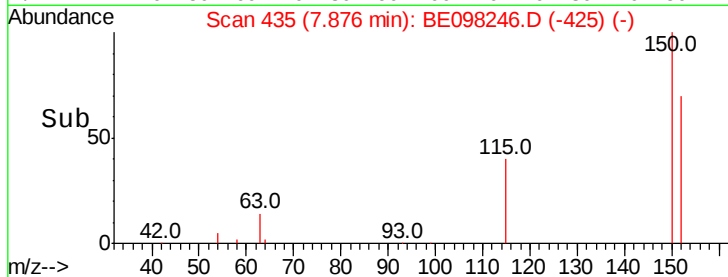
152 100

150 151.6 127.5 191.3

115 61.9 60.3 90.5



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: 0.258 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

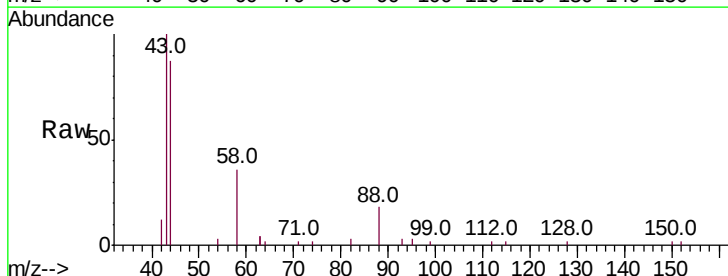
Tgt Ion: 88 Resp: 502

Ion Ratio Lower Upper

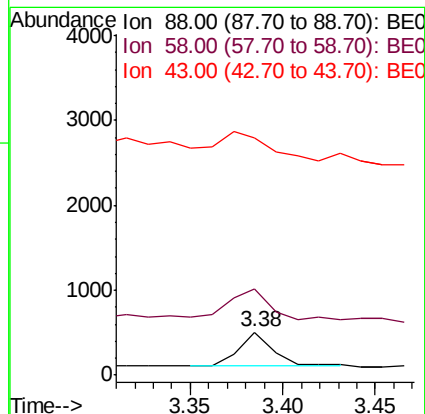
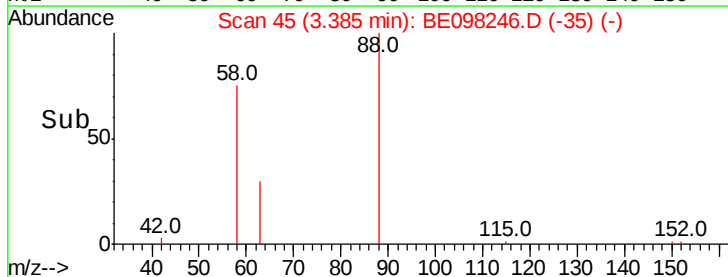
88 100

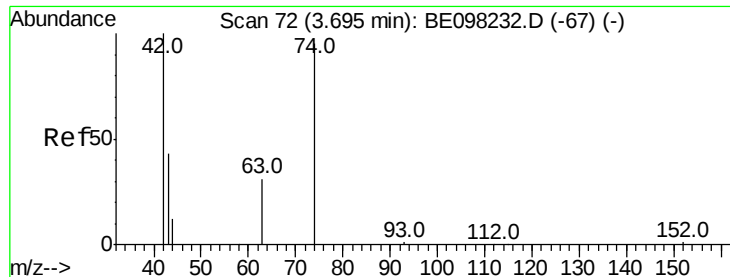
58 114.1 79.0 118.4

43 126.9 38.1 57.1#



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



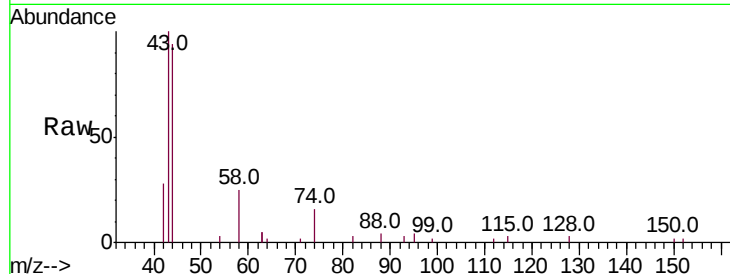


#3

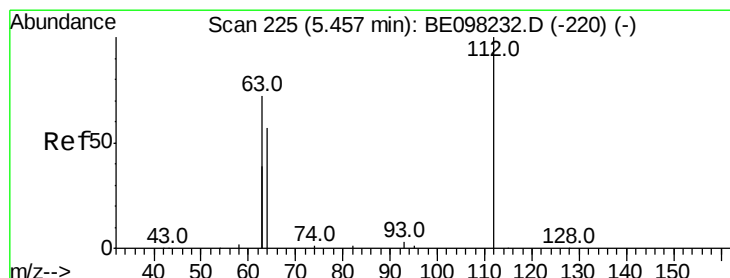
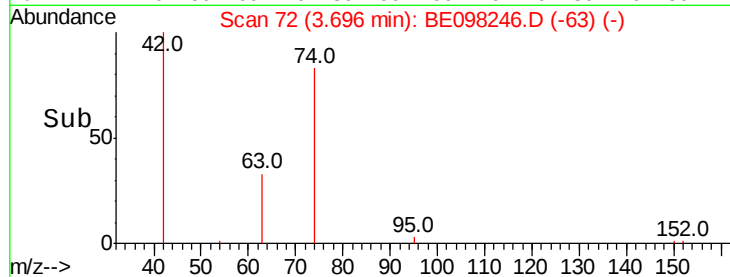
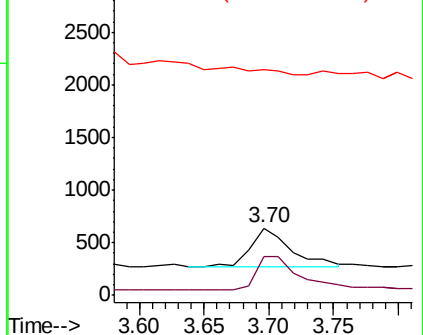
n-Nitrosodimethylamine
 Concen: 0.361 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098246.D
 Acq: 19 Nov 2018 10:33

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BSD

Tot Ion: 42 Resp: 788
 Ion Ratio Lower Upper
 42 100
 74 91.0 61.7 92.5
 44 0.0 14.0 21.0#



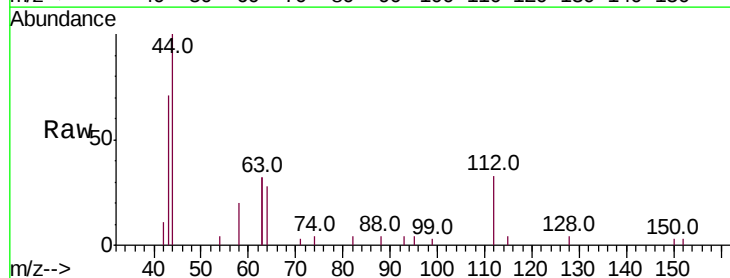
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



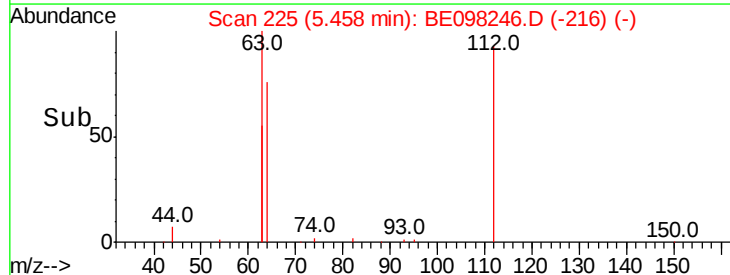
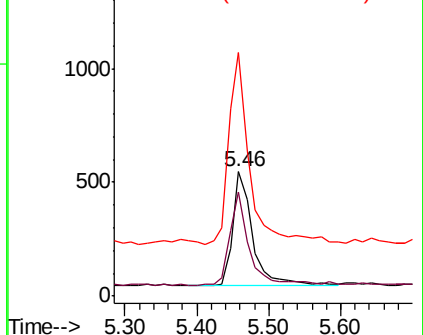
#4

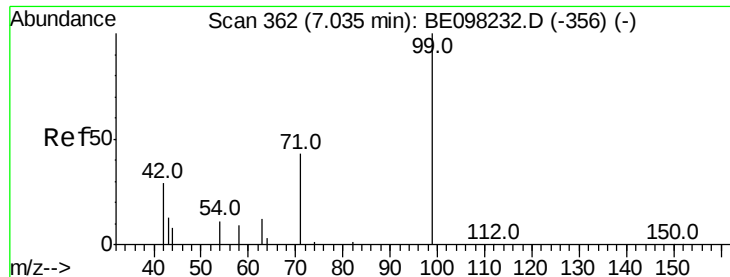
2-Fluorophenol
 Concen: 0.289 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098246.D
 Acq: 19 Nov 2018 10:33

Tgt Ion: 112 Resp: 958
 Ion Ratio Lower Upper
 112 100
 64 78.3 61.7 92.5
 63 177.6 136.2 204.2



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: 0.256 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

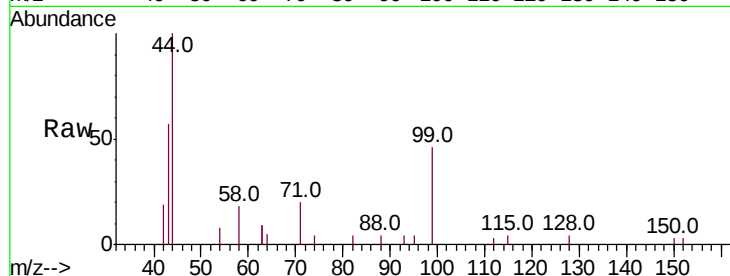
Tot Ion: 99 Resp: 1334

Ion Ratio Lower Upper

99 100

42 31.3 27.1 40.7

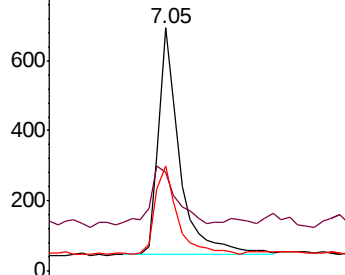
71 40.3 37.0 55.6



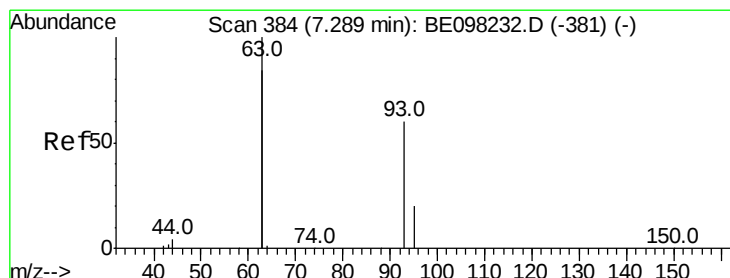
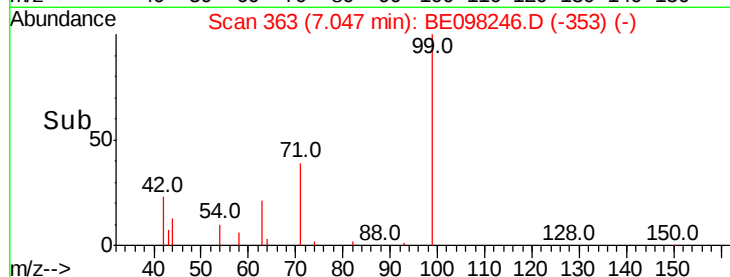
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.298 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

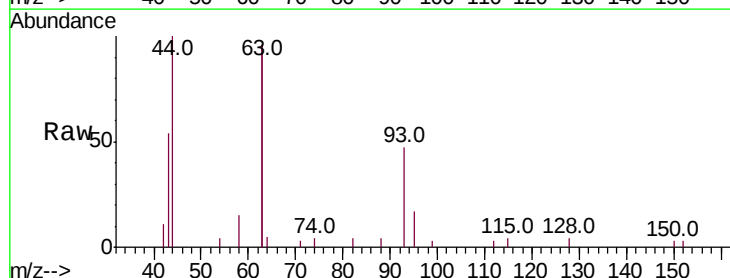
Tgt Ion: 93 Resp: 1329

Ion Ratio Lower Upper

93 100

63 341.3 272.6 409.0

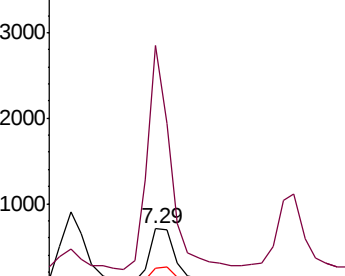
95 30.3 27.1 40.7



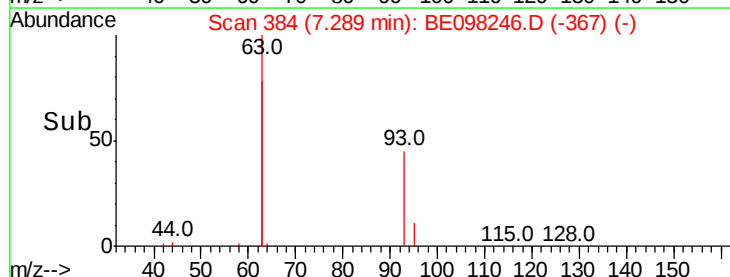
Abundance Ion 93.00 (92.70 to 93.70): BE0

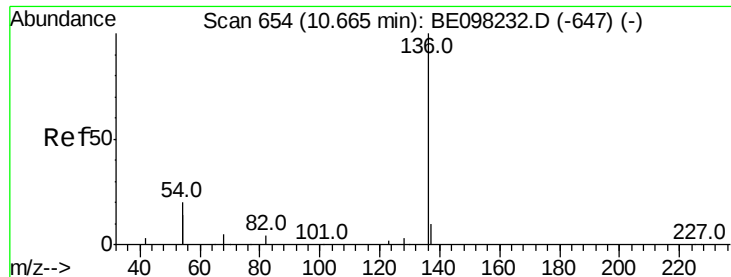
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

Tot Ion:136 Resp: 4710

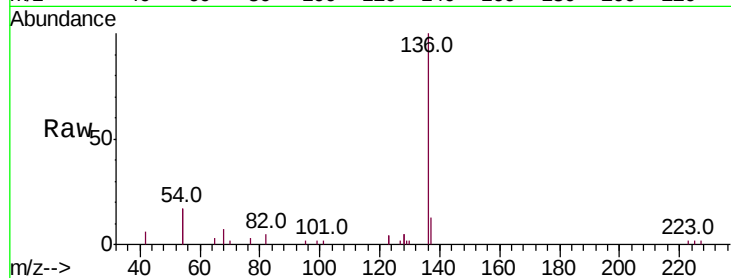
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 34.8 31.3 46.9

68 6.9 4.8 7.2

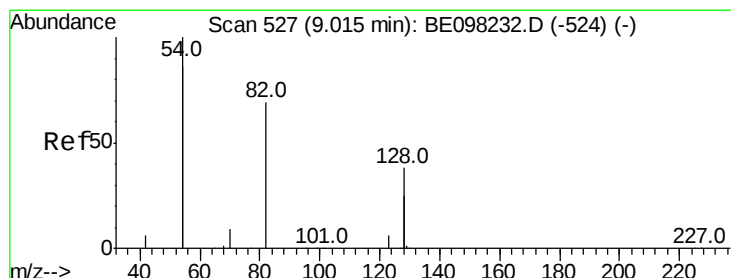
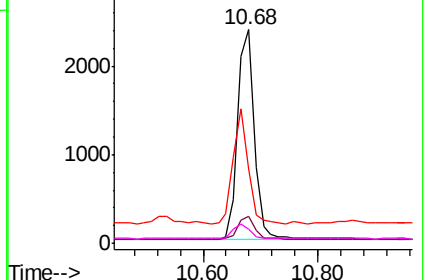
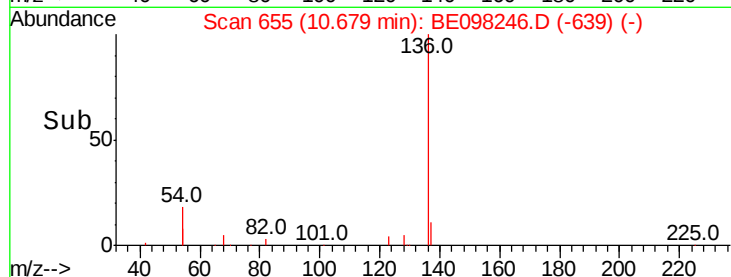


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

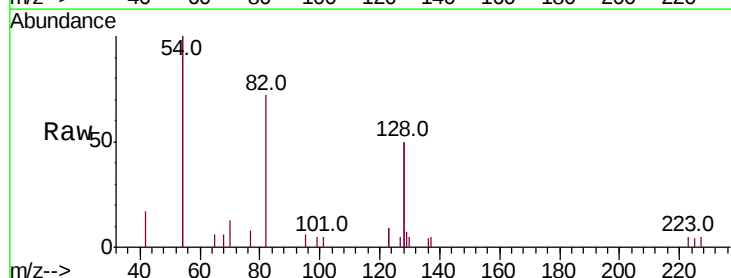
Tgt Ion: 82 Resp: 1443

Ion Ratio Lower Upper

82 100

128 138.5 96.1 144.1

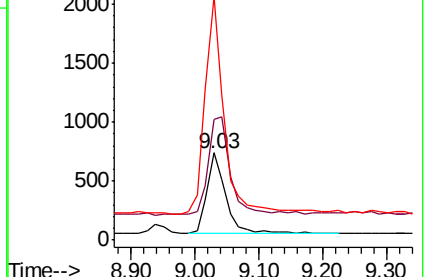
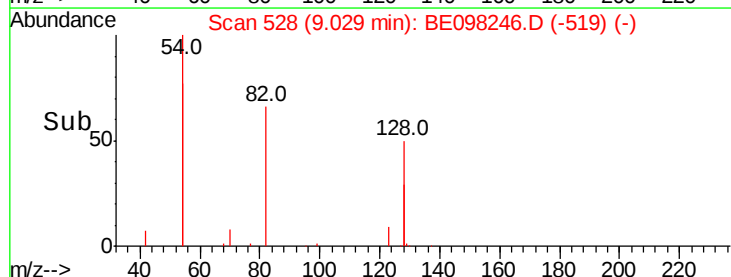
54 278.5 232.0 348.0

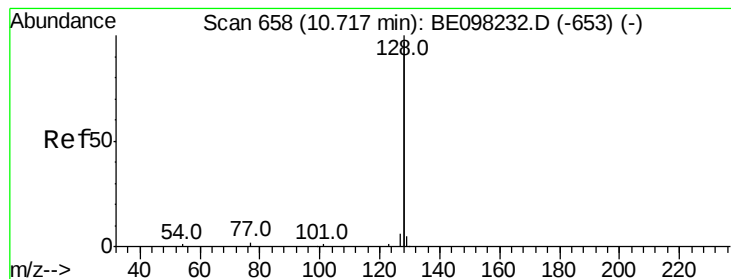


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.339 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

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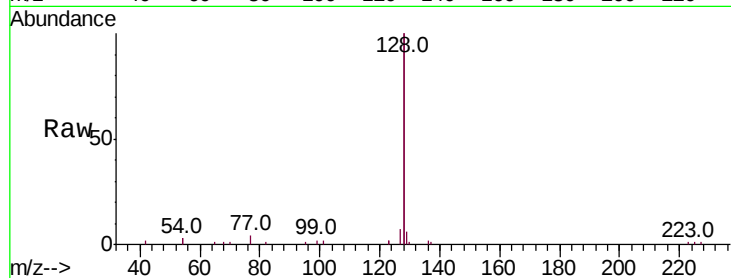
Tot Ion:128 Resp: 16239

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

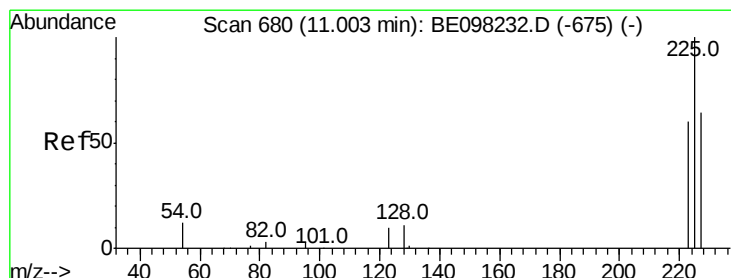
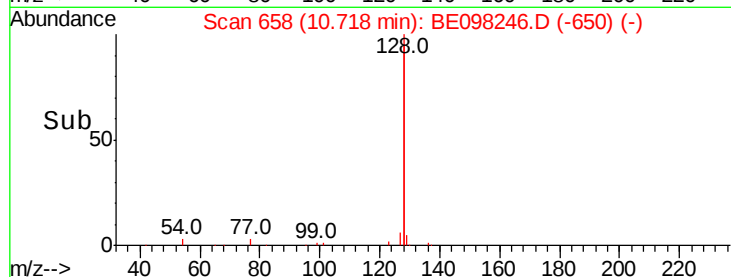
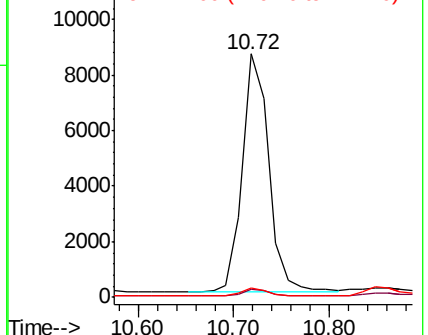
127 3.6 2.8 4.2



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: 0.309 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

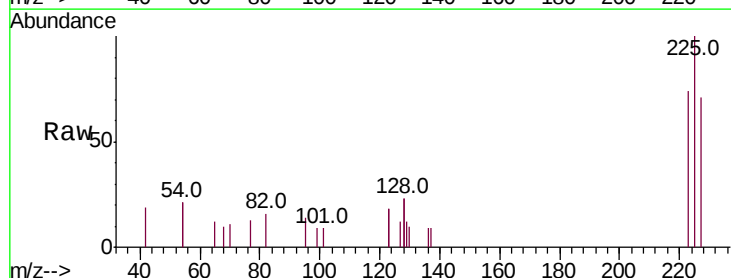
Tgt Ion:225 Resp: 869

Ion Ratio Lower Upper

225 100

223 65.4 50.5 75.7

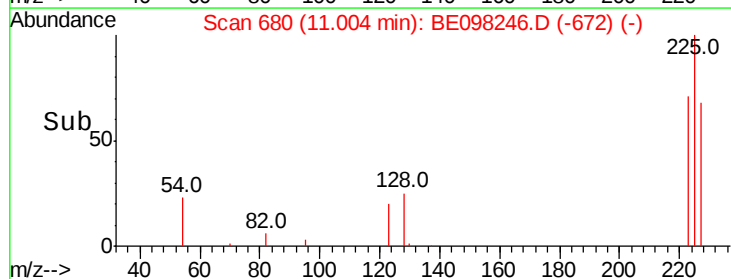
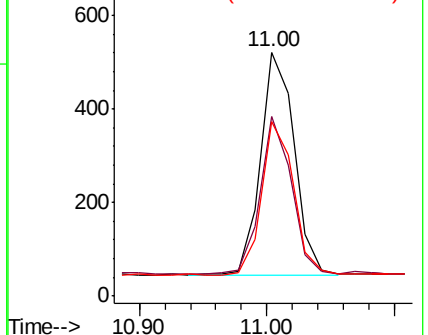
227 65.4 50.3 75.5

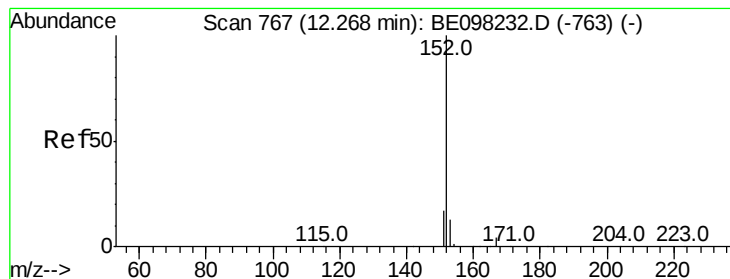


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

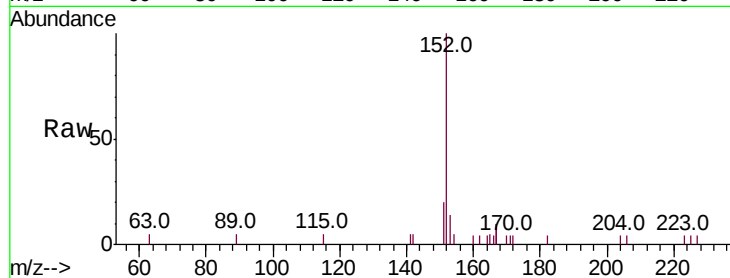
PB114879BSD

Tot Ion:152 Resp: 2406

Ion Ratio Lower Upper

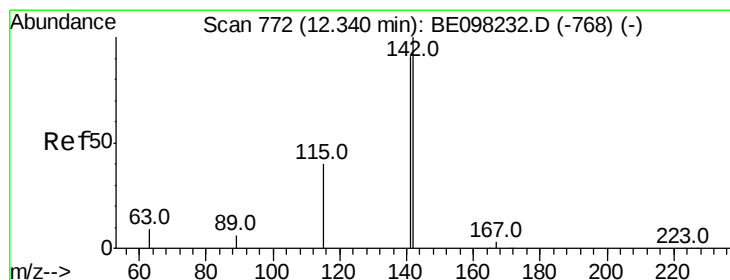
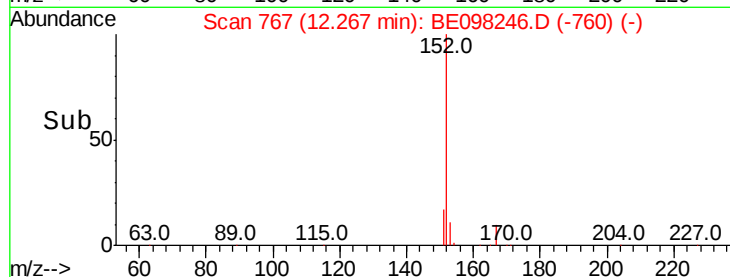
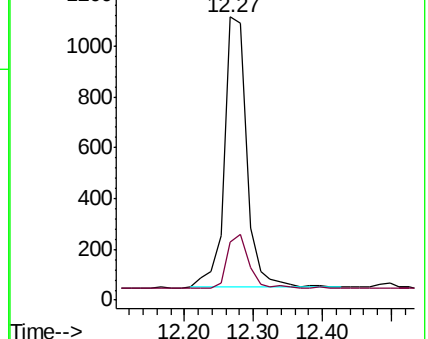
152 100

151 19.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.311 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

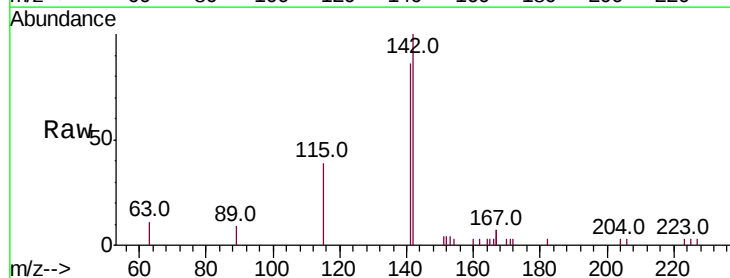
Tgt Ion:142 Resp: 2627

Ion Ratio Lower Upper

142 100

141 86.5 76.3 114.5

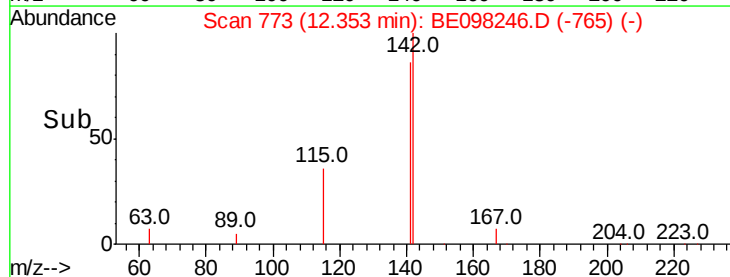
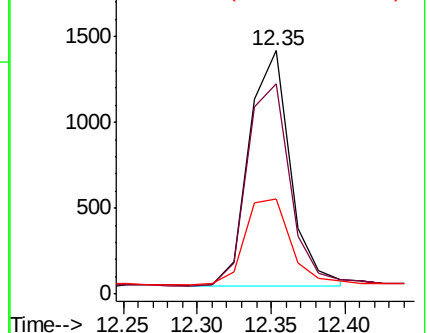
115 38.9 35.8 53.8

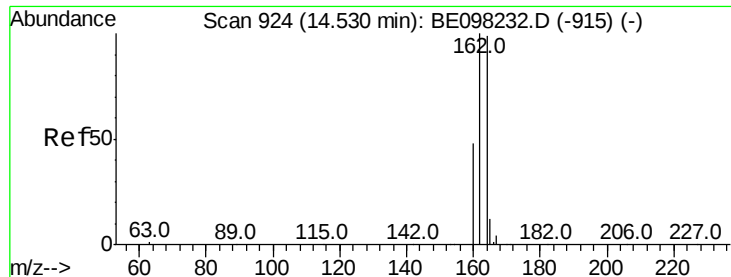


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

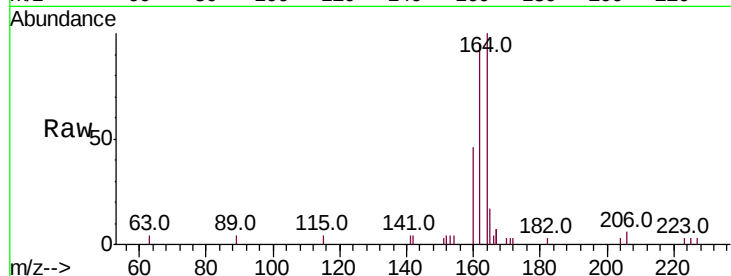




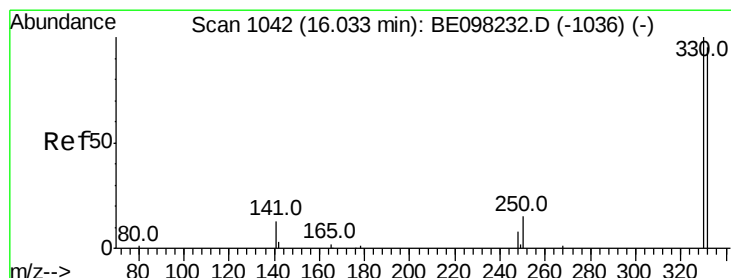
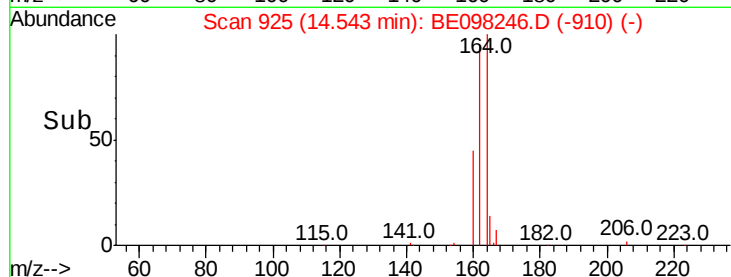
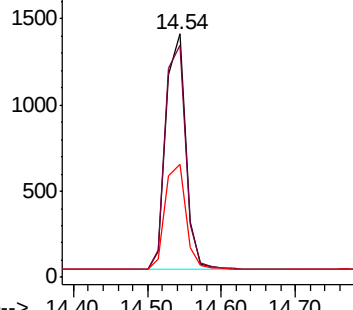
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

Instrument :
BNA_E
ClientSampleId :
PB114879BSD

Tot Ion:164 Resp: 2568
Ion Ratio Lower Upper
164 100
162 95.4 81.8 122.6
160 46.5 39.4 59.0

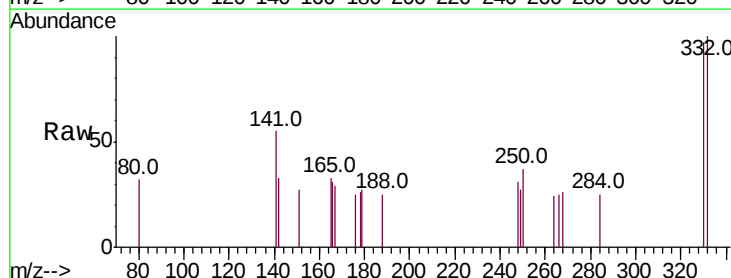


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

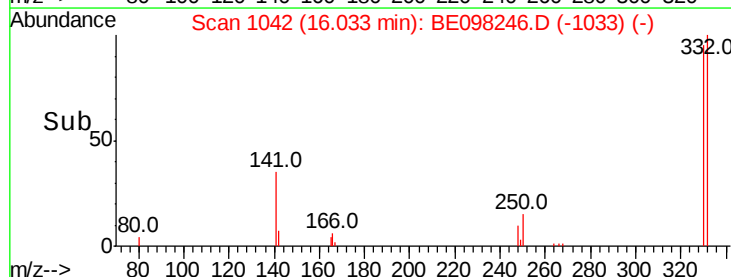
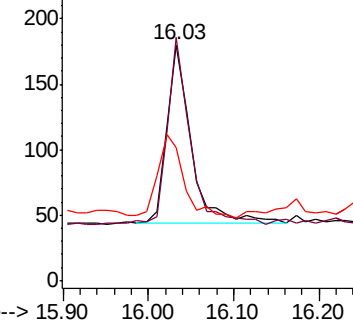


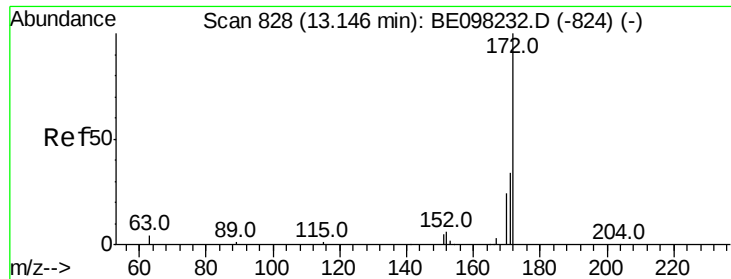
#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

Tgt Ion:330 Resp: 272
Ion Ratio Lower Upper
330 100
332 98.5 77.7 116.5
141 50.0 33.6 50.4



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

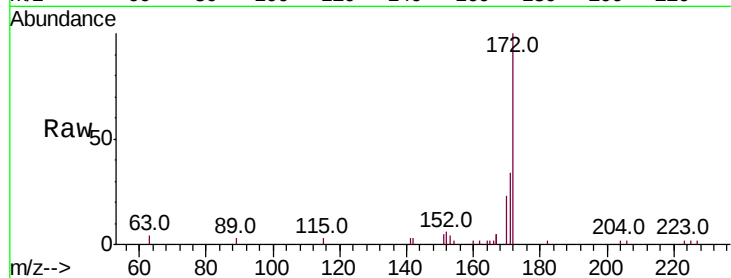




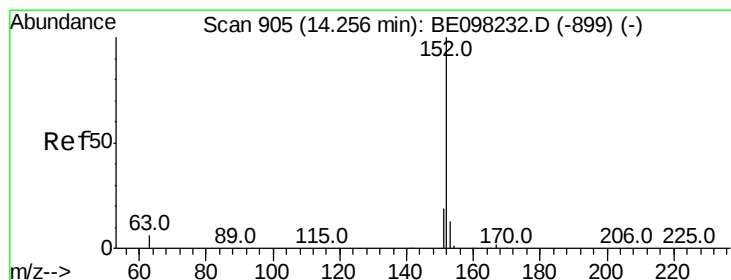
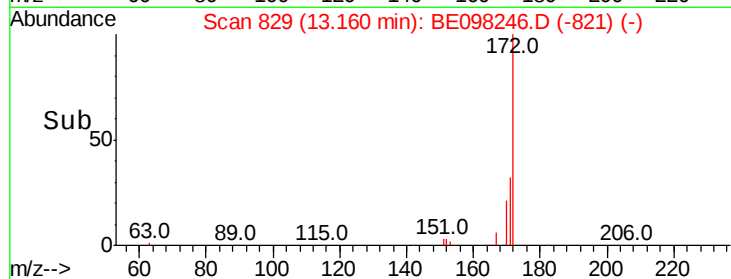
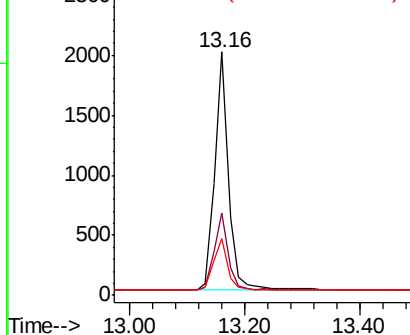
#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

Instrument :
BNA_E
ClientSampleId :
PB114879BSD

Tot Ion:172 Resp: 3244
Ion Ratio Lower Upper
172 100
171 34.0 27.3 40.9
170 23.1 19.4 29.0

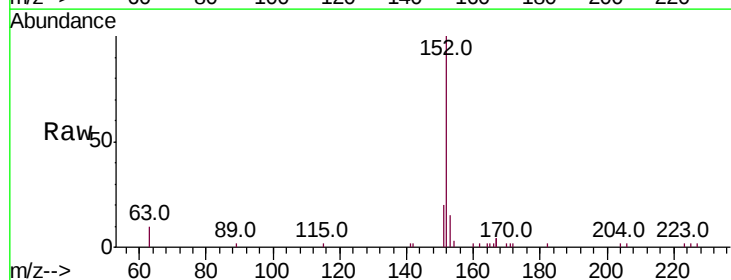


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

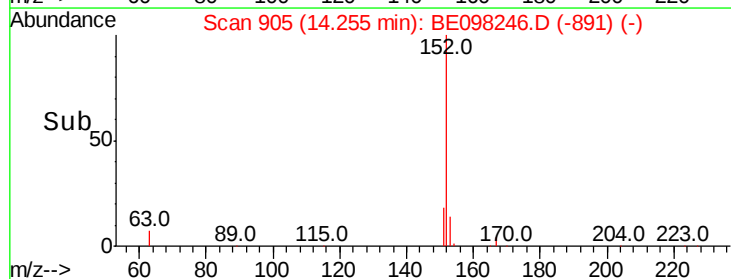
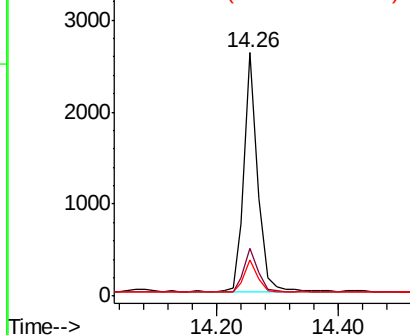


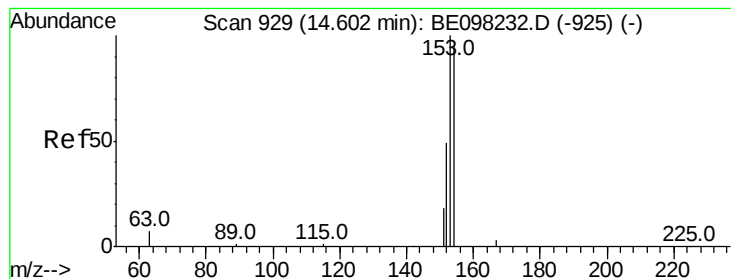
#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

Tgt Ion:152 Resp: 4035
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.6 10.6 15.8



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: 0.323 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

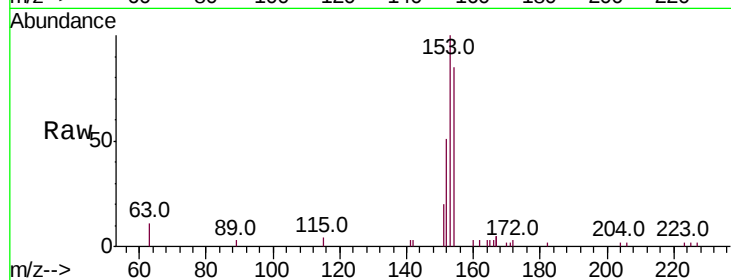
Tot Ion:154 Resp: 2358

Ion Ratio Lower Upper

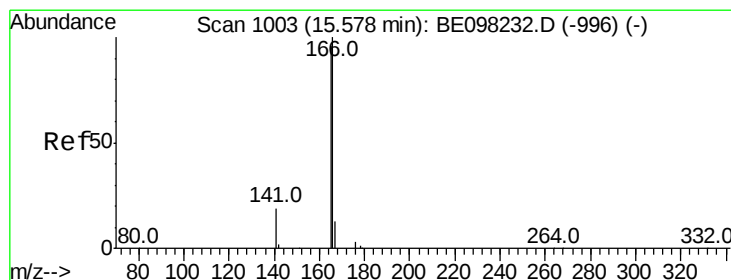
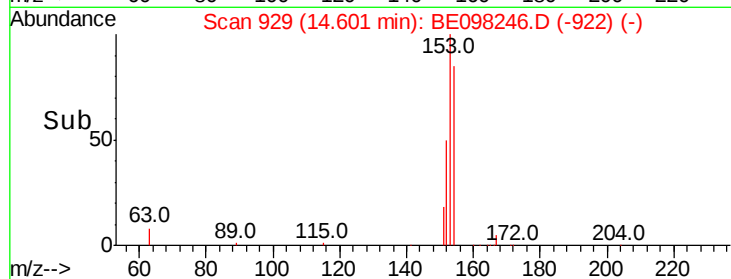
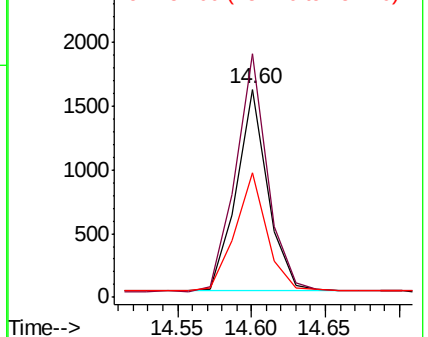
154 100

153 119.4 92.1 138.1

152 59.1 46.2 69.2



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: 0.348 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

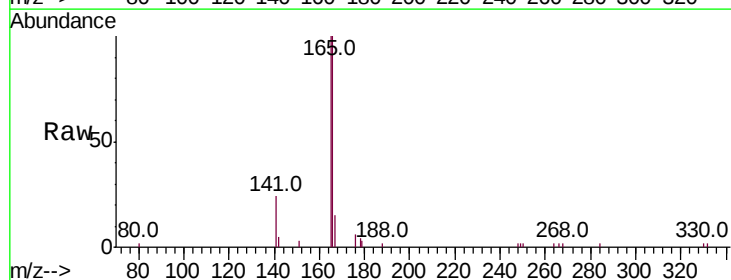
Tgt Ion:166 Resp: 3235

Ion Ratio Lower Upper

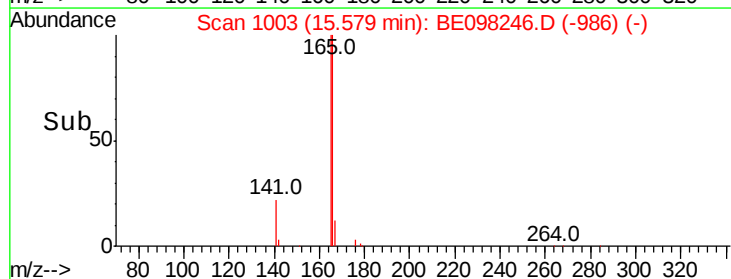
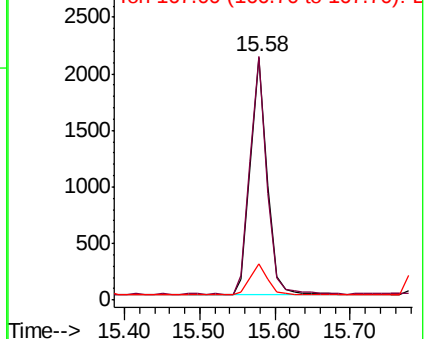
166 100

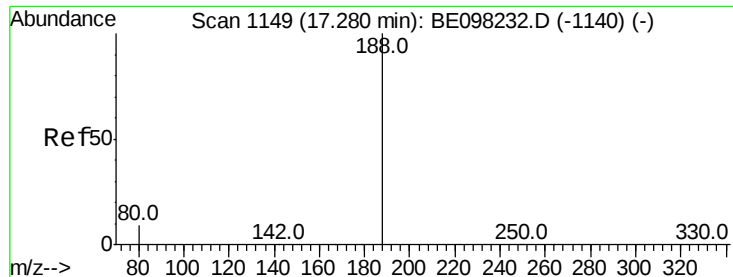
165 99.3 80.1 120.1

167 13.9 10.8 16.2



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: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

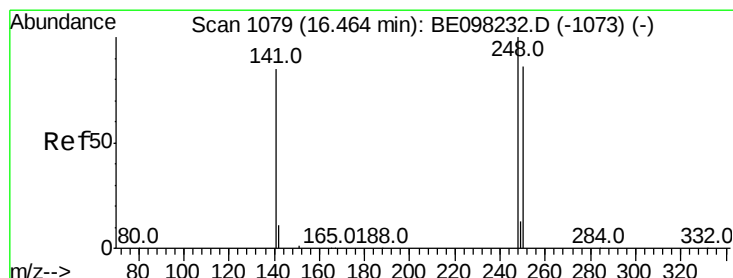
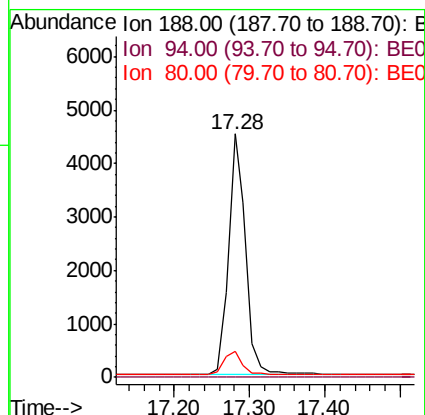
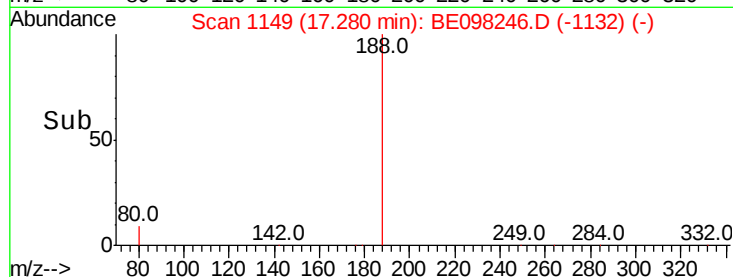
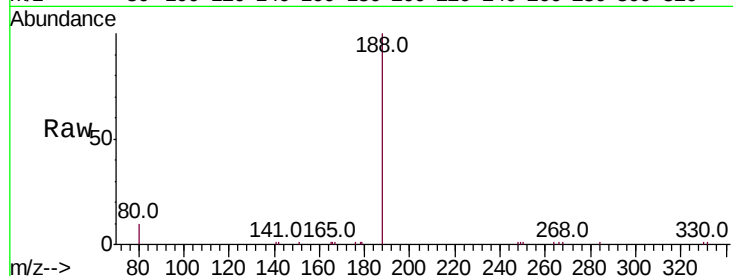
Tot Ion:188 Resp: 7275

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 6.7 10.1#



#20

4-Bromophenyl-phenylether

Concen: 0.276 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

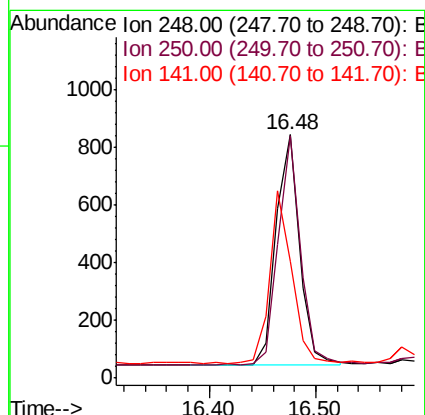
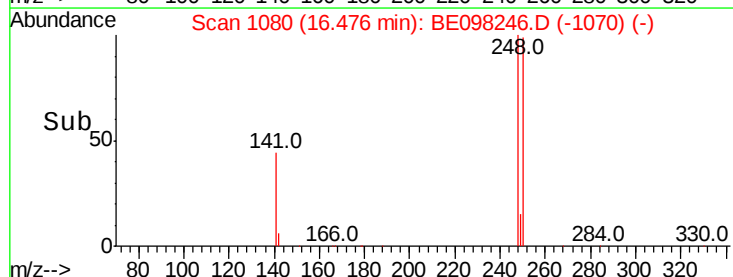
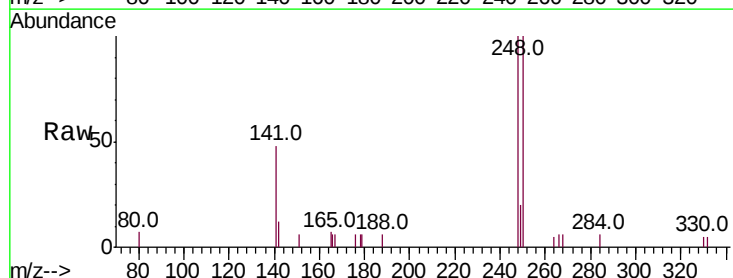
Tgt Ion:248 Resp: 1242

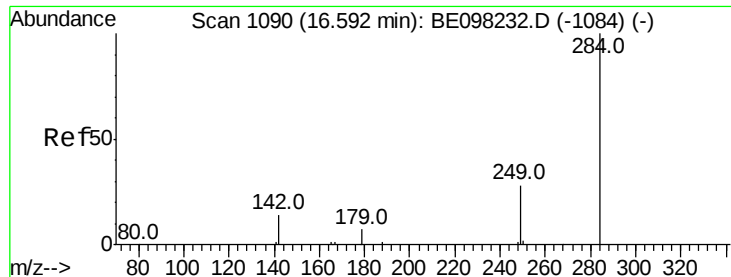
Ion Ratio Lower Upper

248 100

250 99.8 77.6 116.4

141 48.3 65.8 98.8#

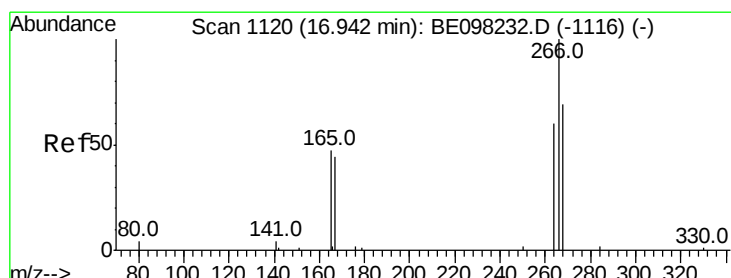
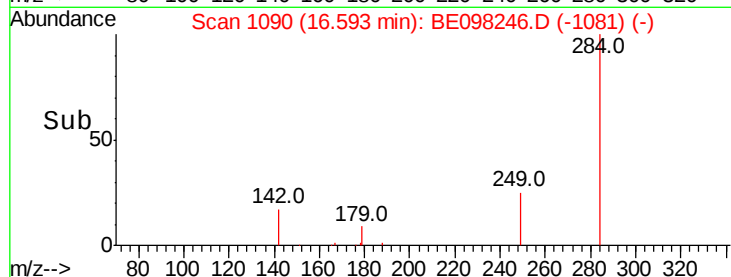
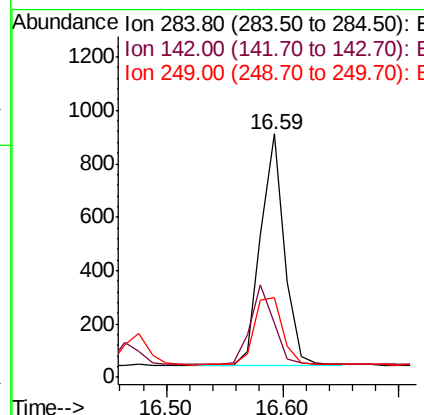
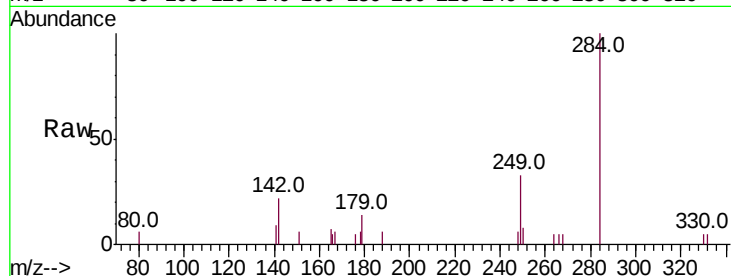




#21
Hexachlorobenzene
Concen: 0.267 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

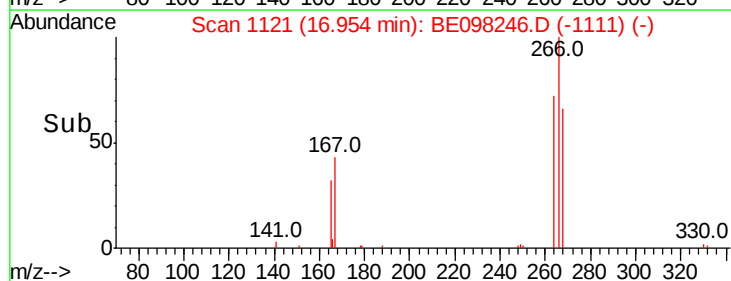
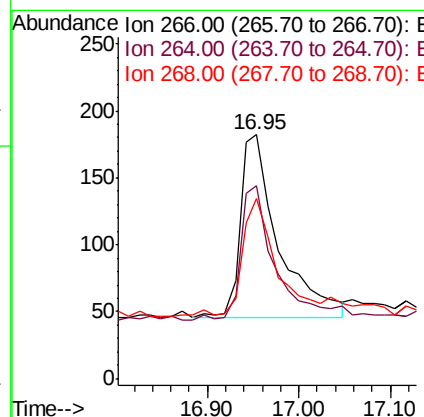
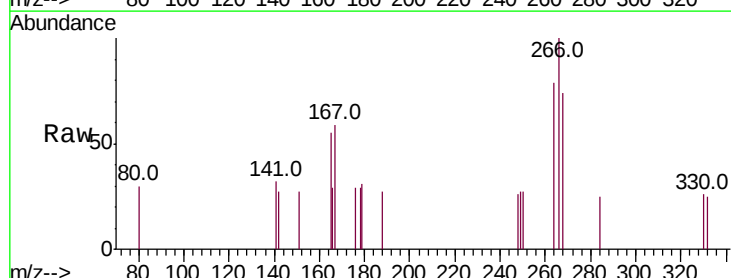
Instrument :
BNA_E
ClientSampleId :
PB114879BSD

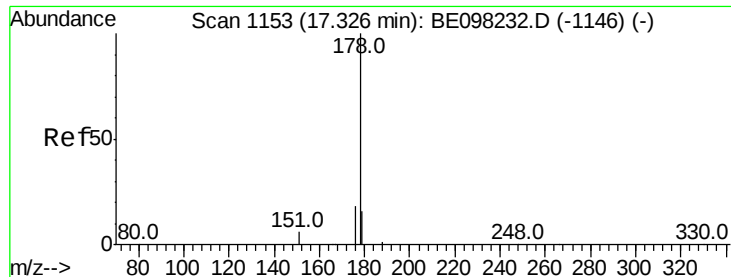
Tot Ion:284	Resp:	1241
Ion Ratio	Lower	Upper
284	100	
142	33.6	26.5 39.7
249	35.0	28.4 42.6



#22
Pentachlorophenol
Concen: 0.534 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098246.D
Acq: 19 Nov 2018 10:33

Tgt Ion:266	Resp:	393
Ion Ratio	Lower	Upper
266	100	
264	79.1	57.6 86.4
268	74.2	56.8 85.2





#23

Phenanthrene

Concen: 0.327 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

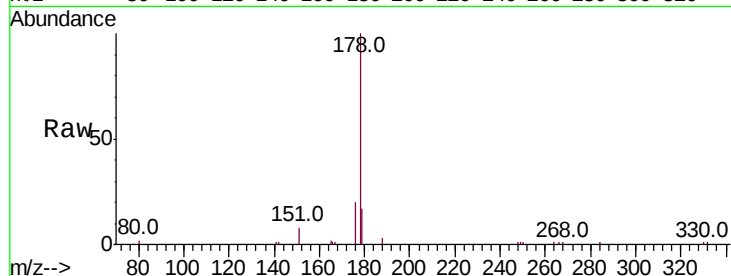
BNA_E

ClientSampleId :

PB114879BSD

Tot Ion:178 Resp: 6115

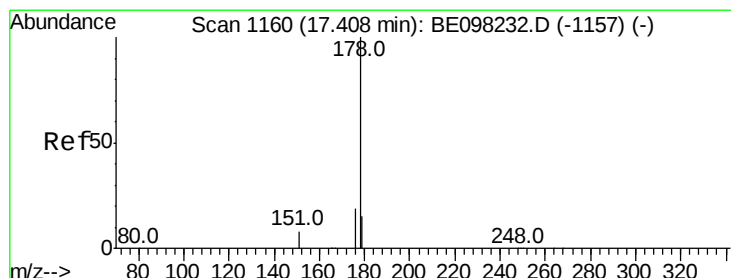
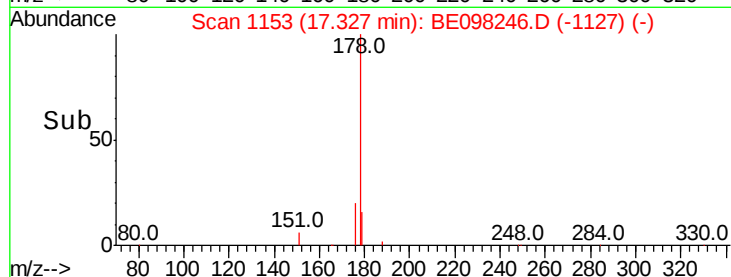
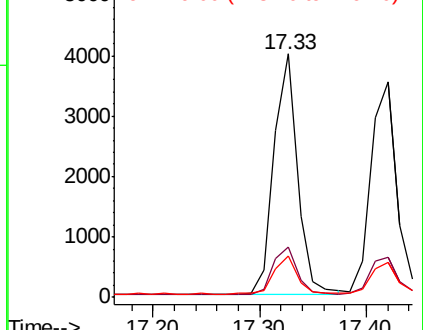
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	12.3	18.5



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: 0.345 ng

RT: 17.42 min Scan# 1161

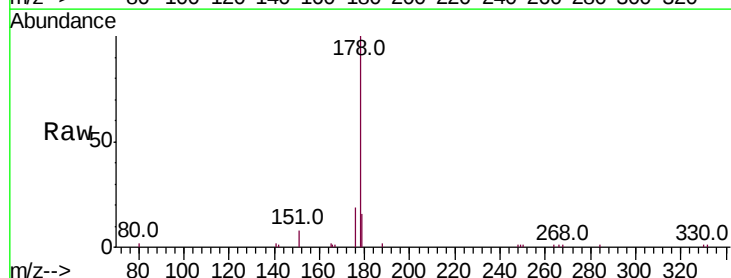
Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Tgt Ion:178 Resp: 5870

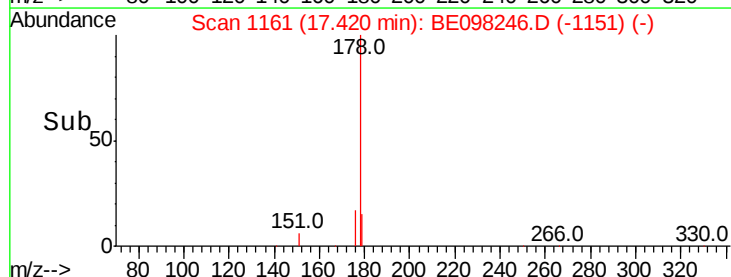
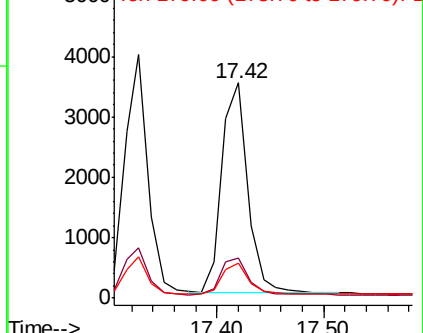
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	14.8	12.1	18.1

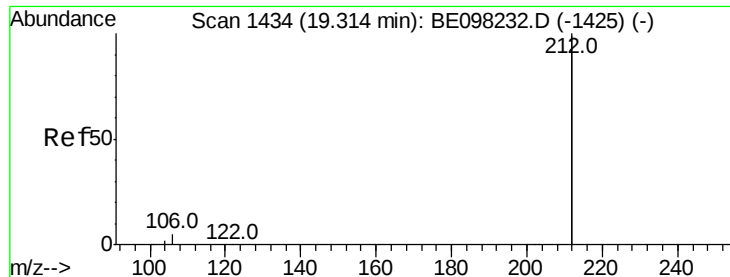


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

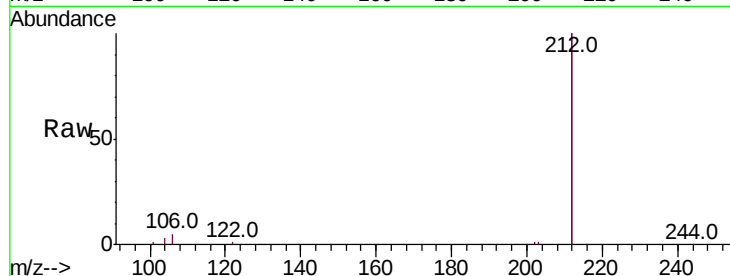
Tot Ion:212 Resp: 31216

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

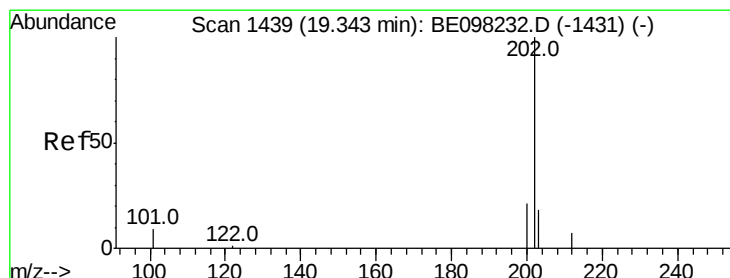
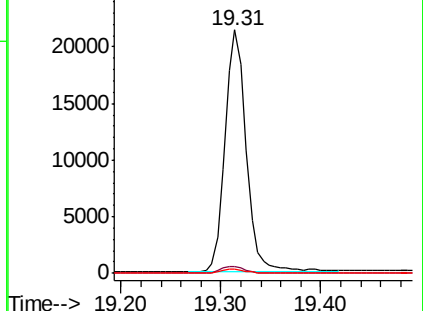
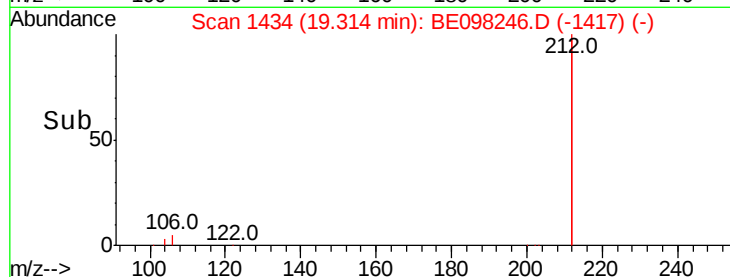
104 1.6 1.1 1.7



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: 0.369 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

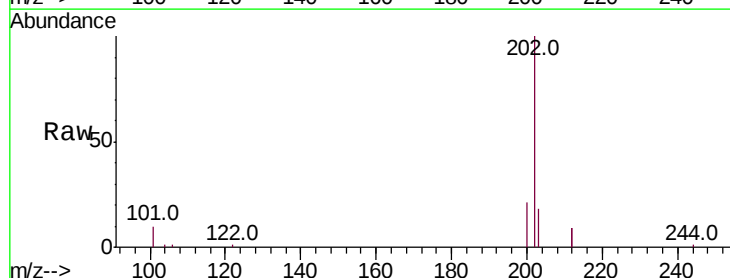
Tgt Ion:202 Resp: 8293

Ion Ratio Lower Upper

202 100

101 10.4 7.0 10.6

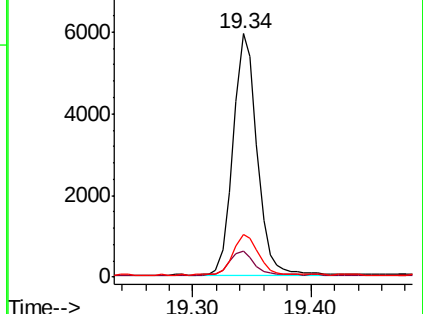
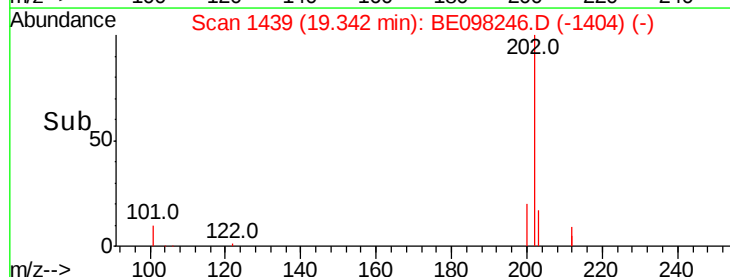
203 17.5 13.7 20.5

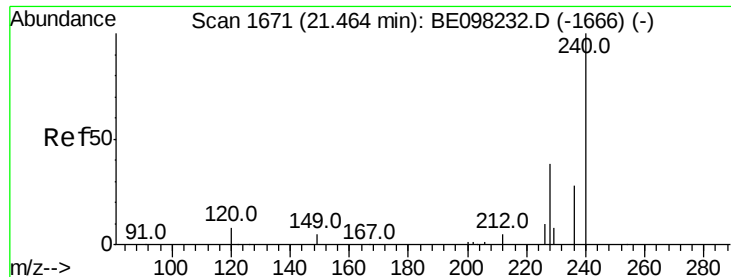


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

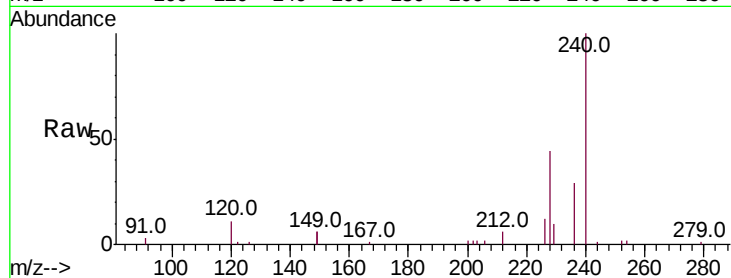
Tot Ion:240 Resp: 8969

Ion Ratio Lower Upper

240 100

120 11.1 4.8 7.2#

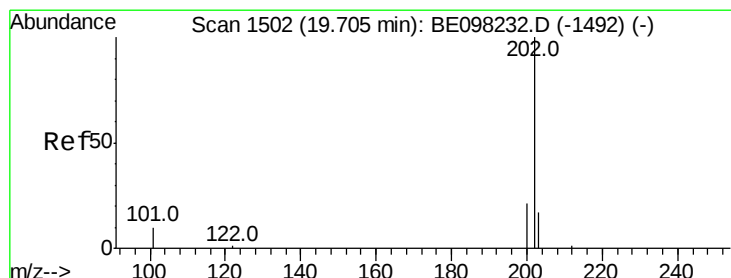
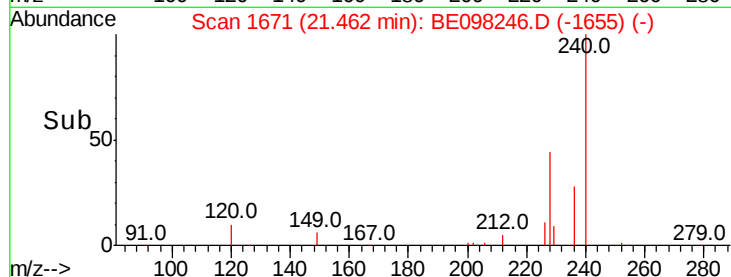
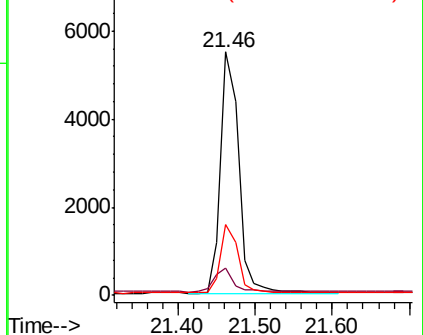
236 29.1 21.4 32.0



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: 0.323 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

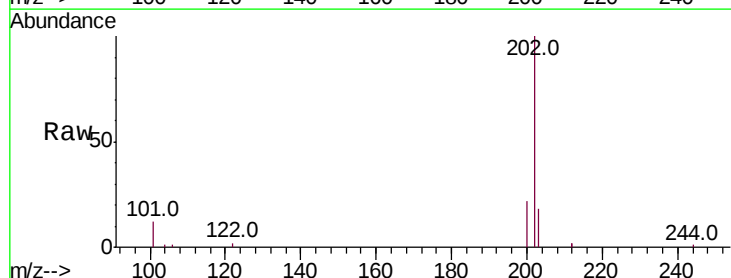
Tgt Ion:202 Resp: 8466

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

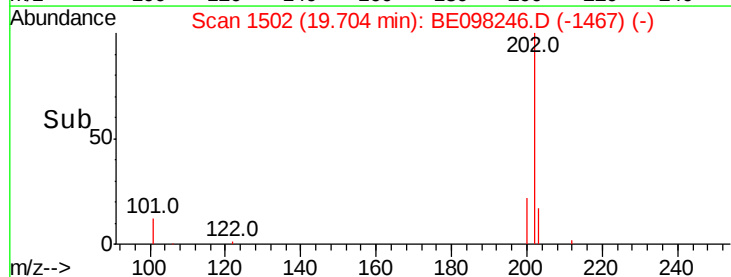
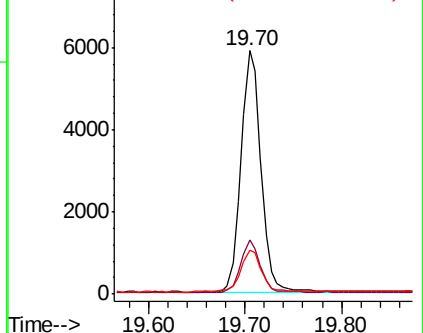
203 18.2 14.2 21.4

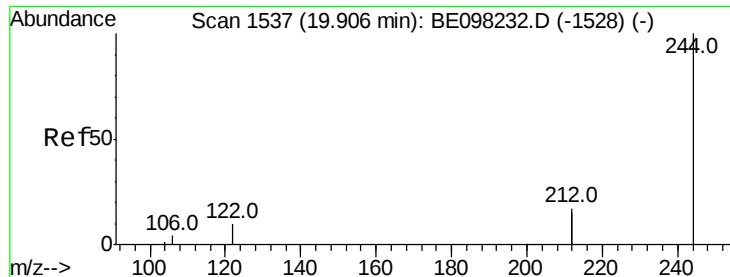


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.279 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

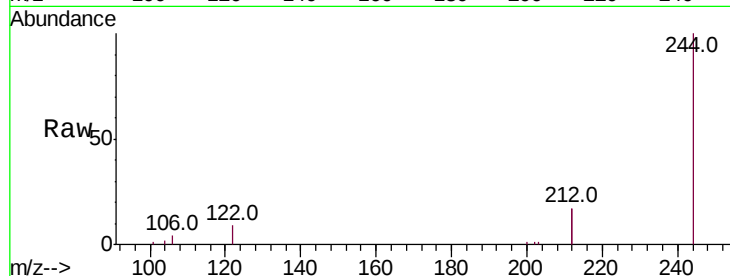
Tot Ion:244 Resp: 5759

Ion Ratio Lower Upper

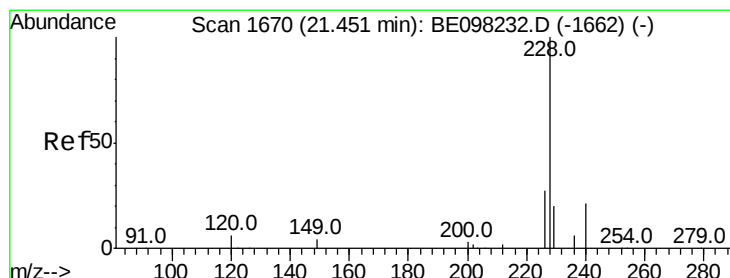
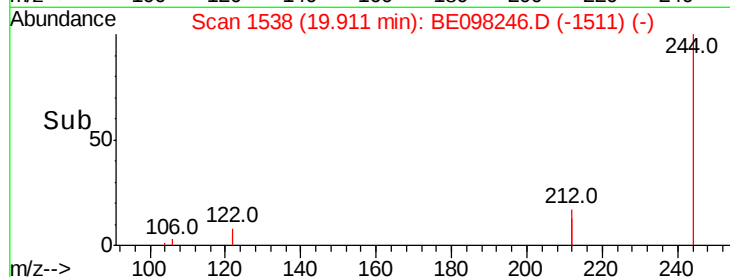
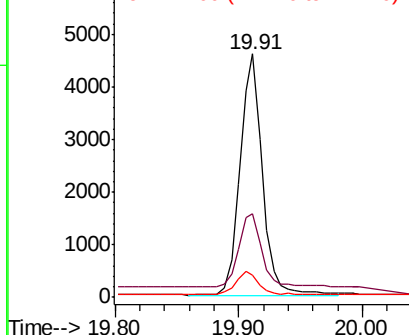
244 100

212 34.3 26.8 40.2

122 9.0 7.0 10.6



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: 0.335 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

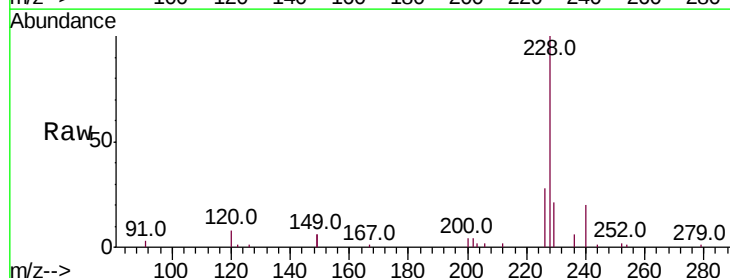
Tgt Ion:228 Resp: 8703

Ion Ratio Lower Upper

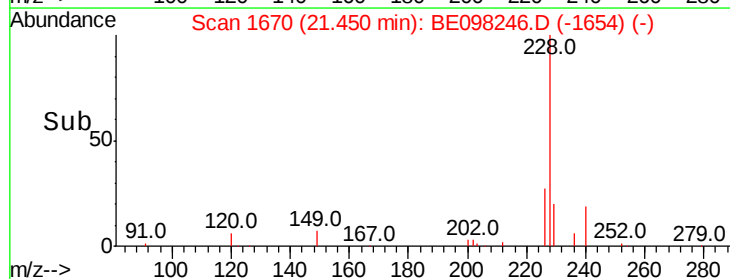
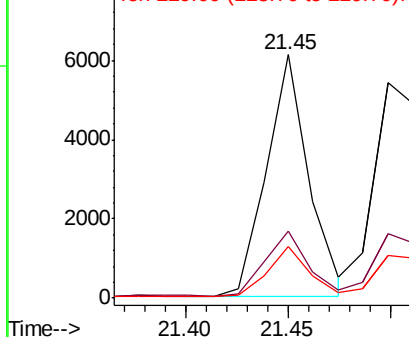
228 100

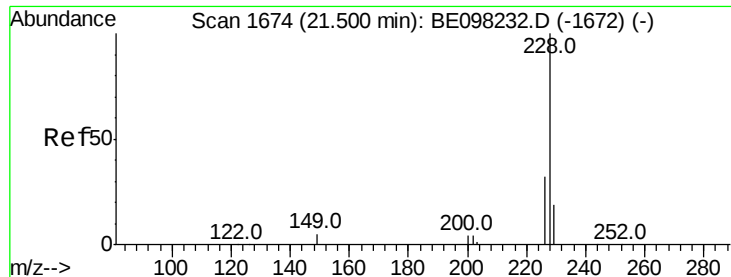
226 27.5 20.7 31.1

229 21.2 16.2 24.4



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: 0.346 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

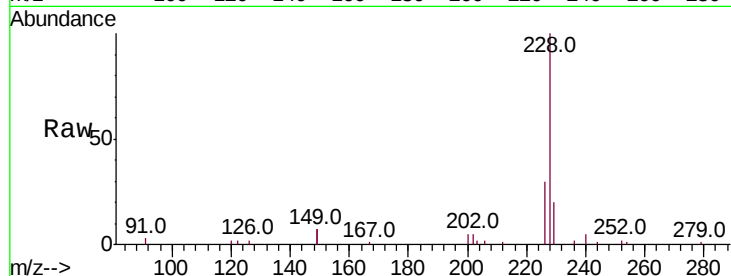
Tot Ion:228 Resp: 9236

Ion Ratio Lower Upper

228 100

226 29.8 24.6 36.8

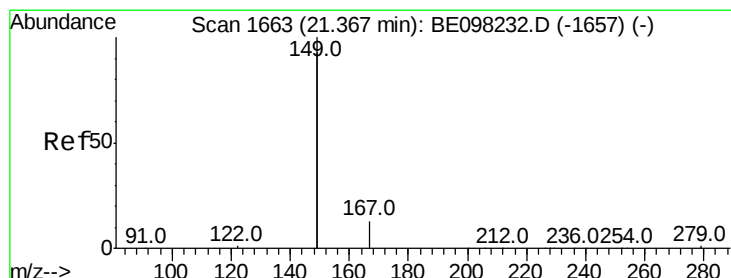
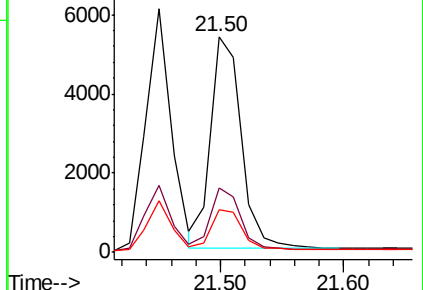
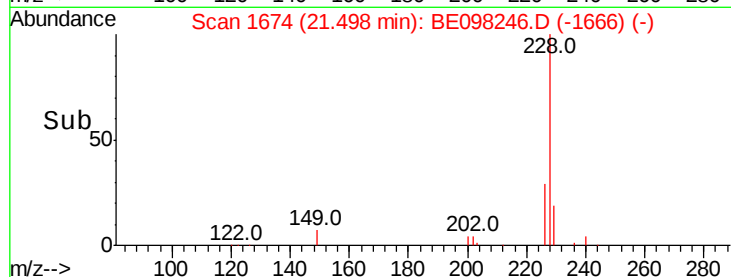
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.376 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

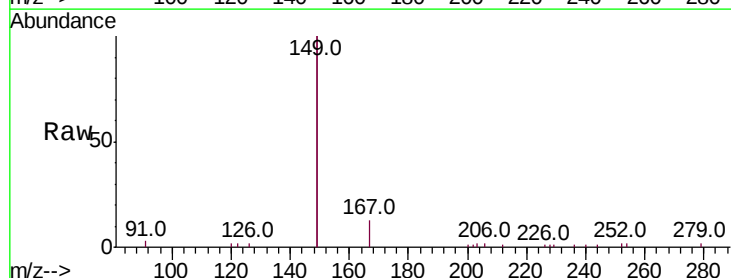
Tgt Ion:149 Resp: 15219

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

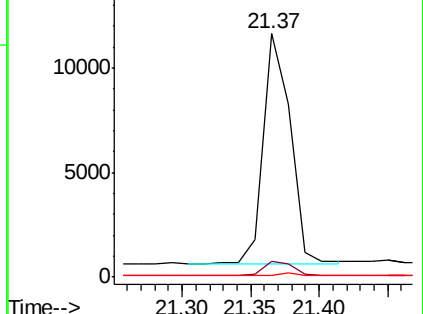
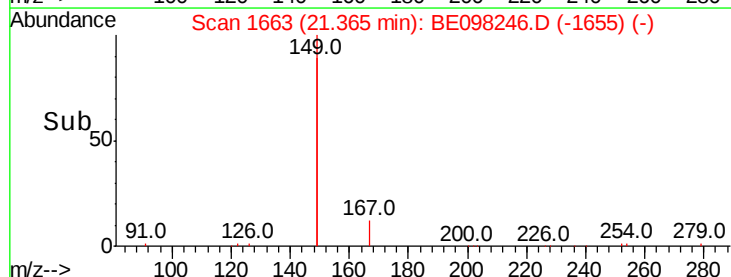
279 1.2 0.9 1.3

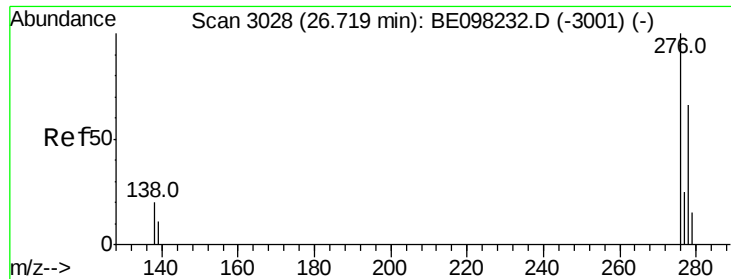


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

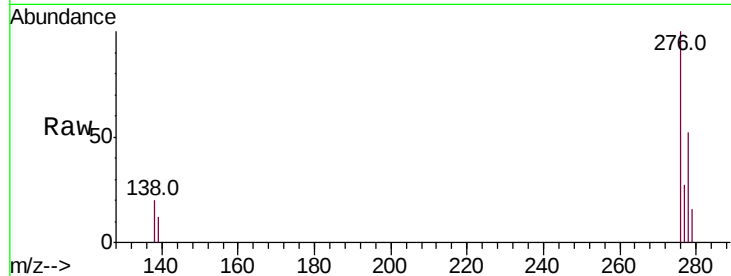




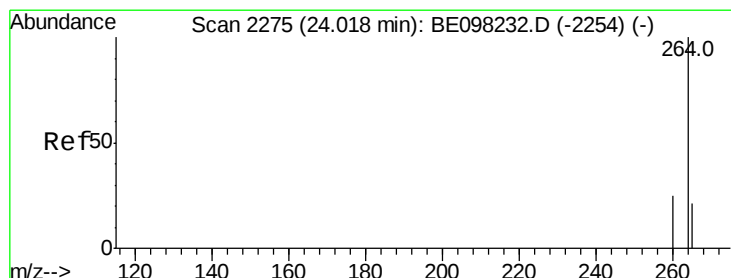
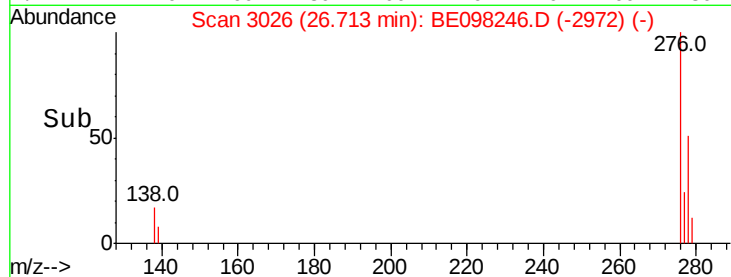
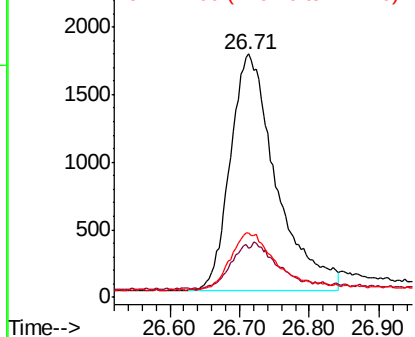
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.349 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. -0.01 min
 Lab File: BE098246.D
 Acq: 19 Nov 2018 10:33

Instrument :
 BNA_E
 ClientSampleId :
 PB114879BSD

Tot Ion:276 Resp: 7972
 Ion Ratio Lower Upper
 276 100
 138 7.6 6.4 9.6
 277 24.5 18.9 28.3

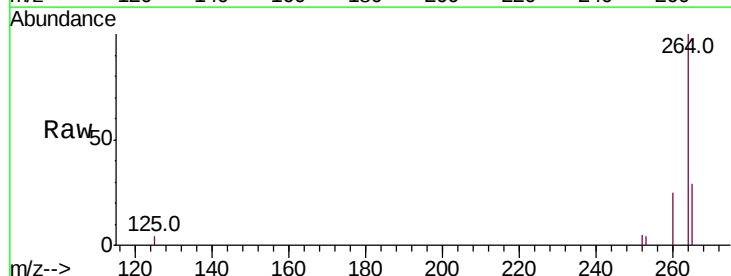


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

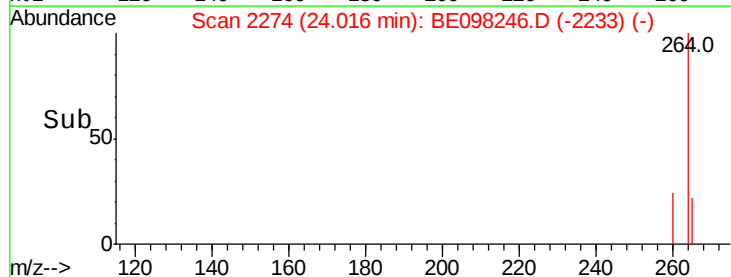
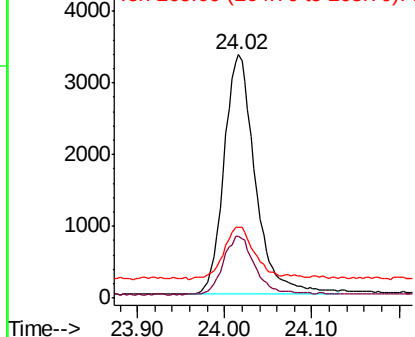


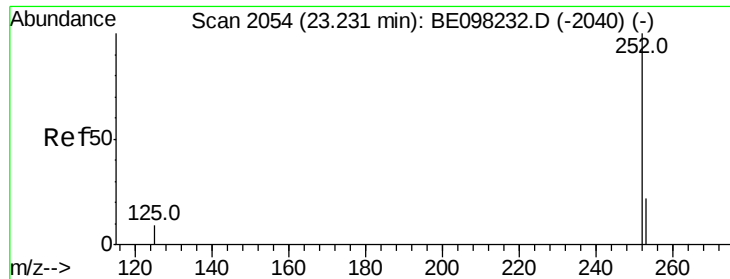
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098246.D
 Acq: 19 Nov 2018 10:33

Tgt Ion:264 Resp: 8341
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 29.2 21.3 31.9



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: 0.350 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

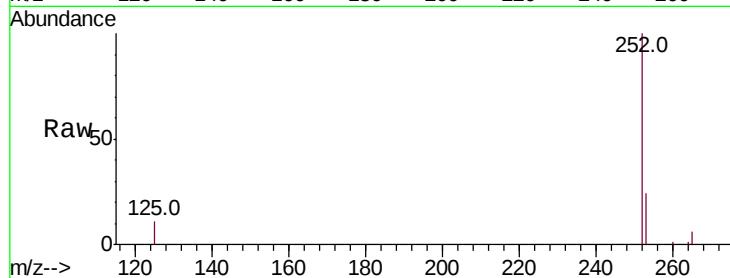
Tot Ion:252 Resp: 8254

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.0

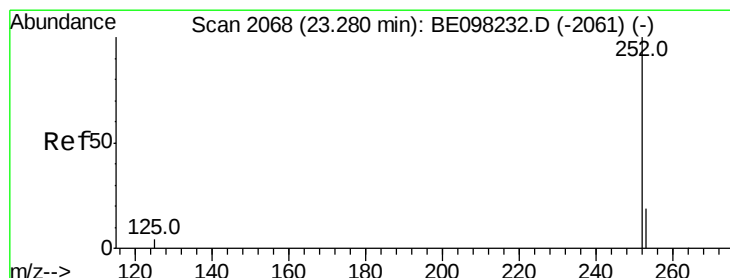
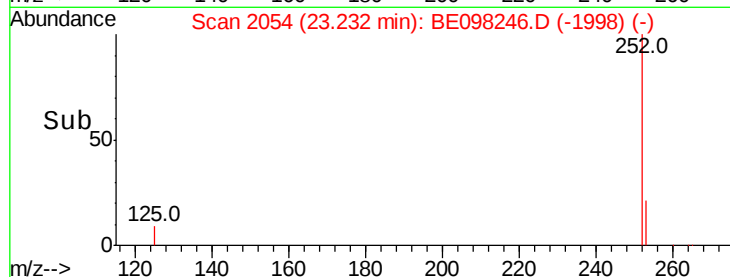
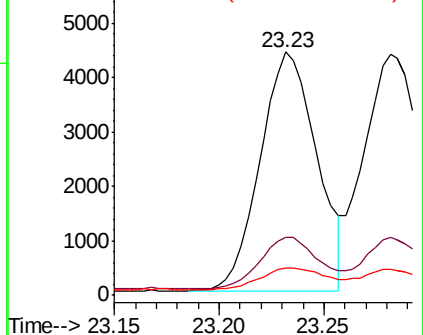
125 11.4 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.344 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

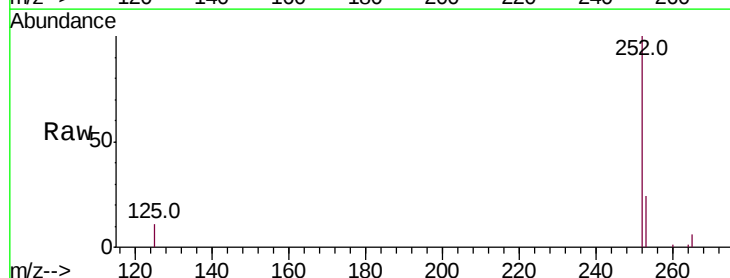
Tgt Ion:252 Resp: 9160

Ion Ratio Lower Upper

252 100

253 24.1 18.6 28.0

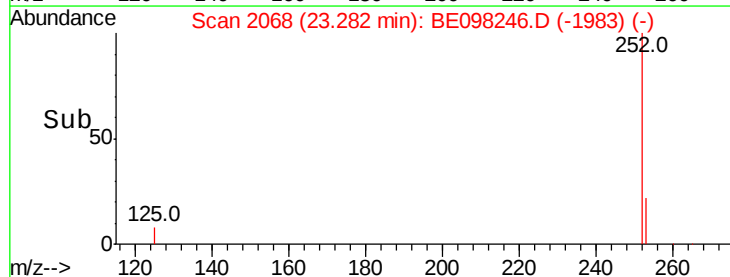
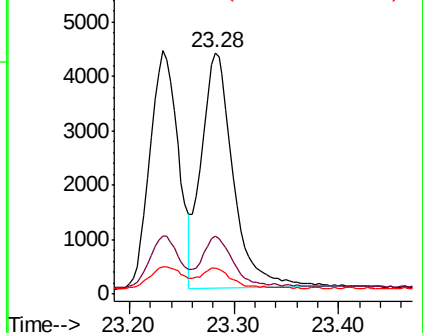
125 10.8 7.4 11.0

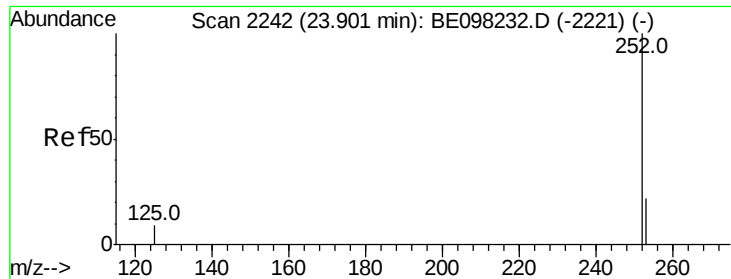


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

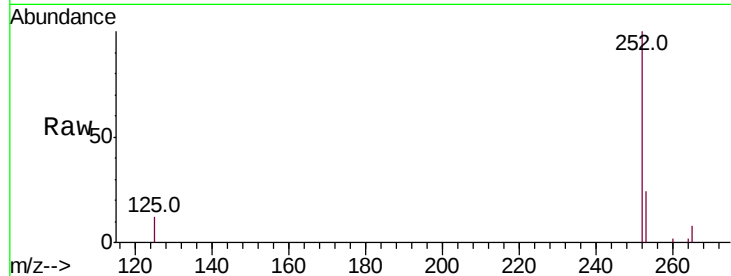
Tot Ion:252 Resp: 8098

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

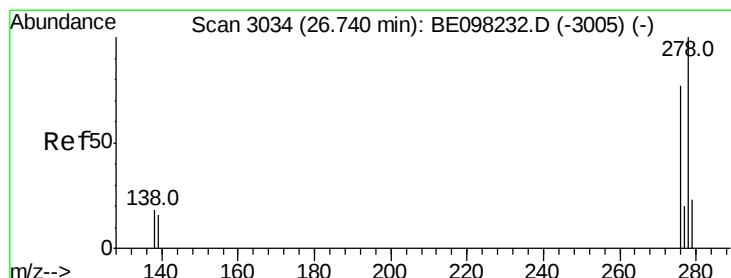
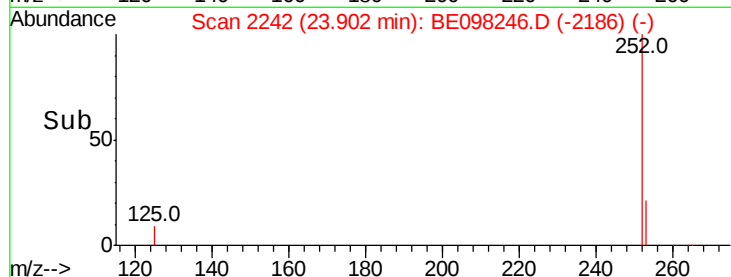
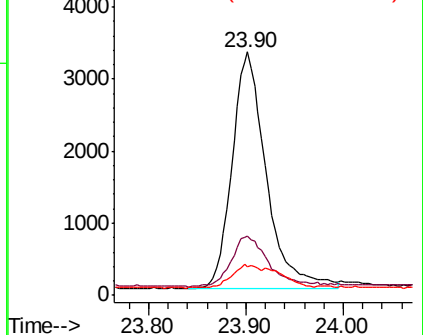
125 12.0 8.0 12.0



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: 0.342 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

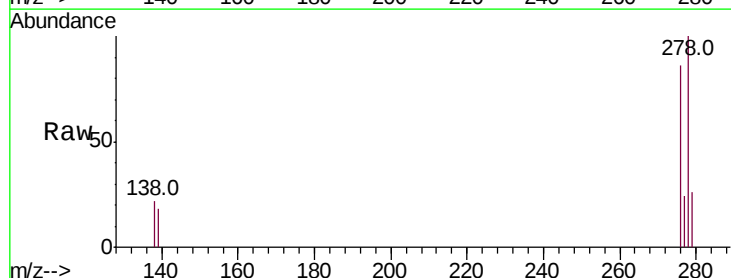
Tgt Ion:278 Resp: 6342

Ion Ratio Lower Upper

278 100

139 18.5 16.4 24.6

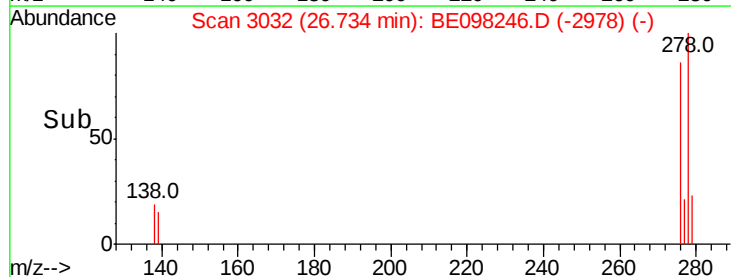
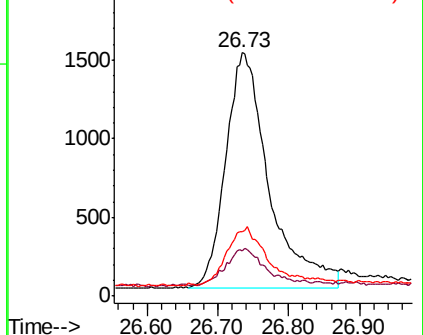
279 26.3 21.3 31.9

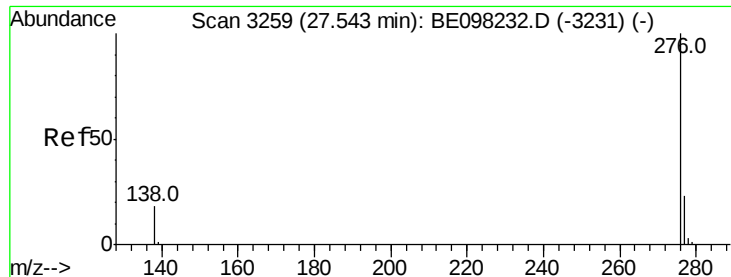


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.345 ng

RT: 27.54 min Scan# 3259

Delta R.T. 0.00 min

Lab File: BE098246.D

Acq: 19 Nov 2018 10:33

Instrument :

BNA_E

ClientSampleId :

PB114879BSD

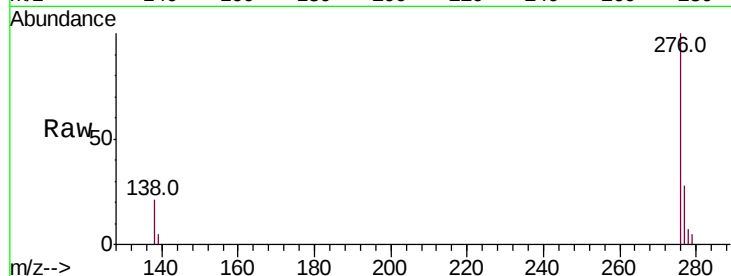
Tot Ion:276 Resp: 6898

Ion Ratio Lower Upper

276 100

277 27.6 20.4 30.6

138 20.9 13.2 19.8#



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

