

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098200.D
 Acq On : 12 Nov 2018 21:53
 Operator : SJ/JU
 Sample : PB114718BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114718BL

Quant Time: Nov 13 03:50:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	909	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	3931	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2623	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7407	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8748	0.40	ng	0.00
34) Perylene-d12	24.01	264	8131	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	5	0.00	ng	0.00
5) Phenol-d6	7.07	99	5	0.00	ng	0.02
8) Nitrobenzene-d5	9.11	82	10	0.00	ng	0.09
11) 2-Methylnaphthalene-d10	12.22	152	73	0.01	ng	-0.04
14) 2,4,6-Tribromophenol	16.01	330	8	0.01	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	30	0.00	ng	0.01
25) Fluoranthene-d10	19.31	212	24	0.00	ng	0.00
29) Terphenyl-d14	19.91	244	58	0.00	ng	0.00

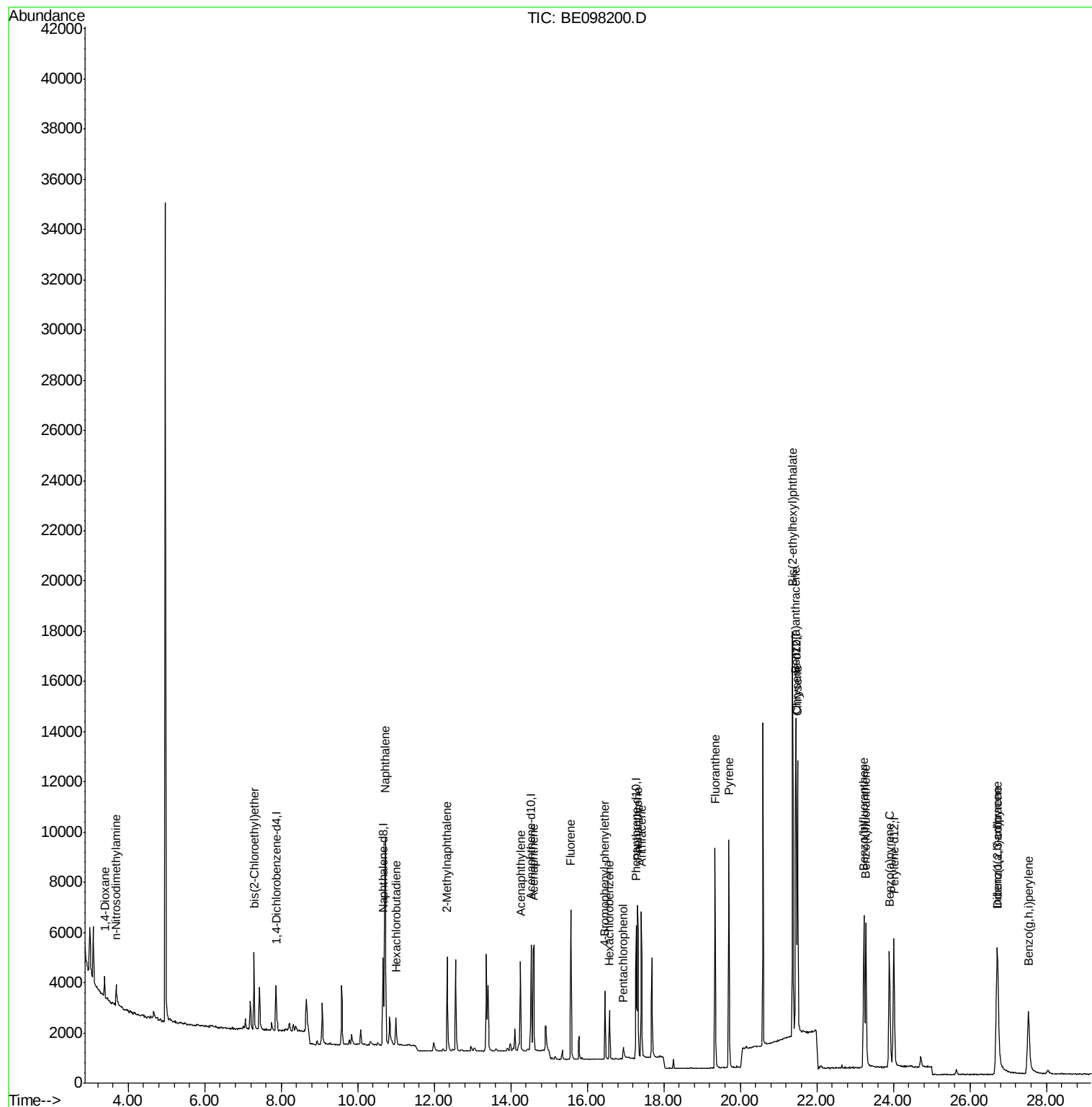
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	423	0.308	ng	# 79
3) n-Nitrosodimethylamine	3.69	42	703	0.394	ng	# 89
6) bis(2-Chloroethyl)ether	7.28	93	1066	0.320	ng	94
9) Naphthalene	10.72	128	14560	0.364	ng	100
10) Hexachlorobutadiene	11.01	225	831	0.334	ng	99
12) 2-Methylnaphthalene	12.34	142	2589	0.373	ng	98
16) Acenaphthylene	14.26	152	4539	0.377	ng	98
17) Acenaphthene	14.60	154	2588	0.352	ng	98
18) Fluorene	15.57	166	3806	0.405	ng	99
20) 4-Bromophenyl-phenylether	16.47	248	1475	0.327	ng	92
21) Hexachlorobenzene	16.58	284	1587	0.338	ng	97
22) Pentachlorophenol	16.94	266	385	0.448	ng	99
23) Phenanthrene	17.32	178	6974	0.378	ng	99
24) Anthracene	17.41	178	6369	0.371	ng	99
26) Fluoranthene	19.34	202	8523	0.373	ng	99
28) Pyrene	19.70	202	8739	0.363	ng	100
30) Benzo(a)anthracene	21.45	228	9356	0.376	ng	97
31) Chrysene	21.50	228	9430	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	17433	0.338	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	9131	0.394	ng	100
35) Benzo(b)fluoranthene	23.23	252	8860	0.384	ng	98
36) Benzo(k)fluoranthene	23.28	252	9343	0.384	ng	99
37) Benzo(a)pyrene	23.89	252	8619	0.390	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	7258	0.385	ng	98
39) Benzo(g,h,i)perylene	27.53	276	7541	0.383	ng	98

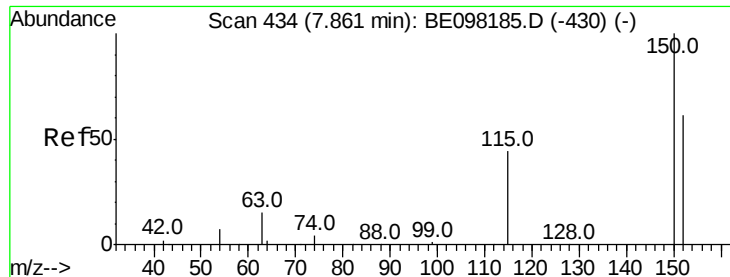
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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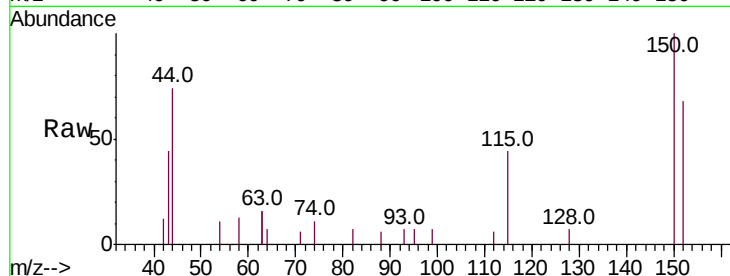


#1

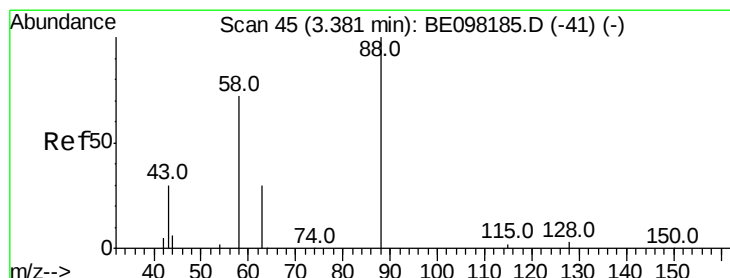
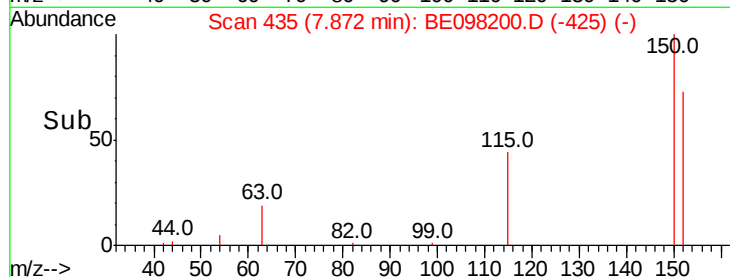
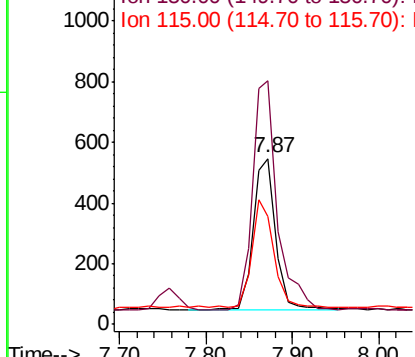
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Instrument :
BNA_E
ClientSampleId :
PB114718BL

Tot Ion:152 Resp: 909
Ion Ratio Lower Upper
152 100
150 146.8 127.5 191.3
115 64.7 60.3 90.5



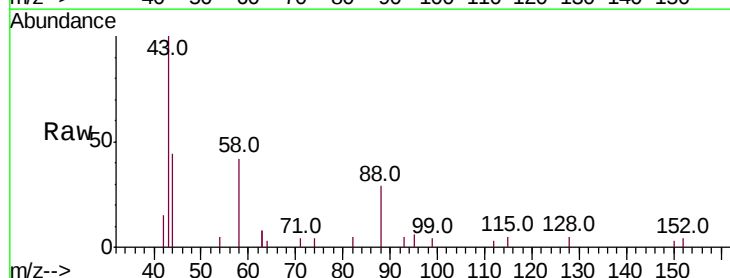
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



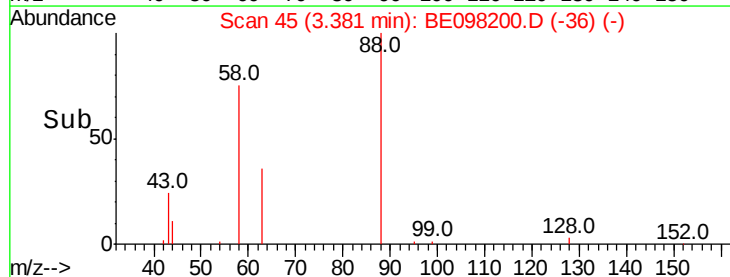
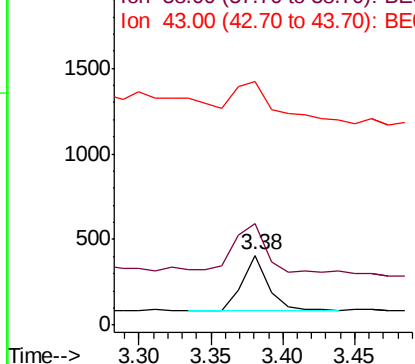
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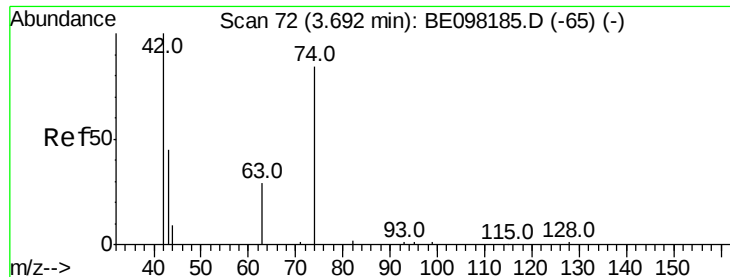
1,4-Dioxane
Concen: 0.308 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Tgt Ion: 88 Resp: 423
Ion Ratio Lower Upper
88 100
58 100.2 79.0 118.4
43 87.9 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



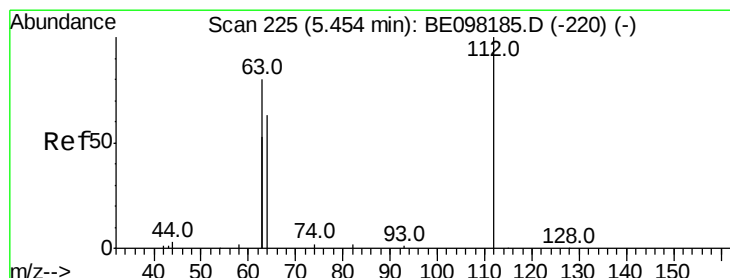
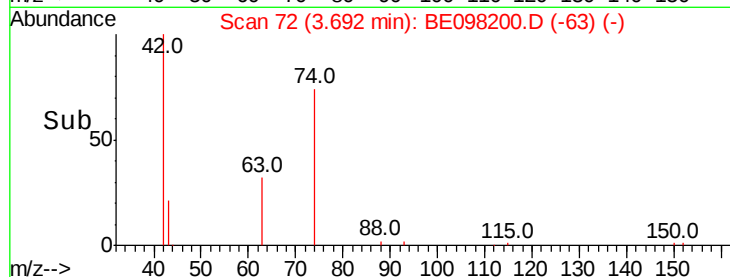
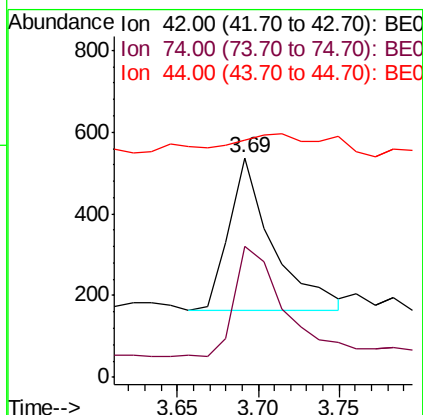
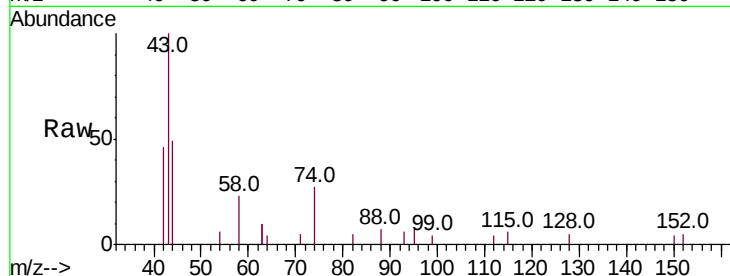


#3

n-Nitrosodimethylamine
 Concen: 0.394 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

Instrument :
 BNA_E
 ClientSampleId :
 PB114718BL

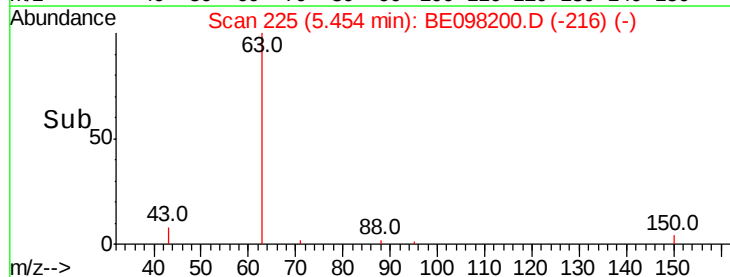
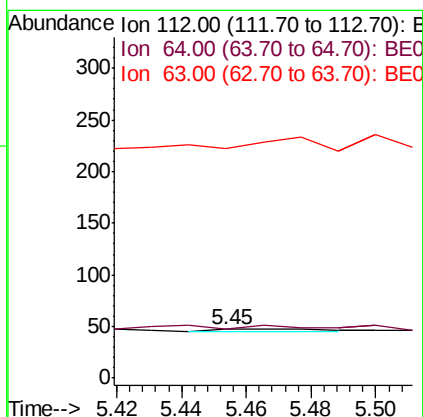
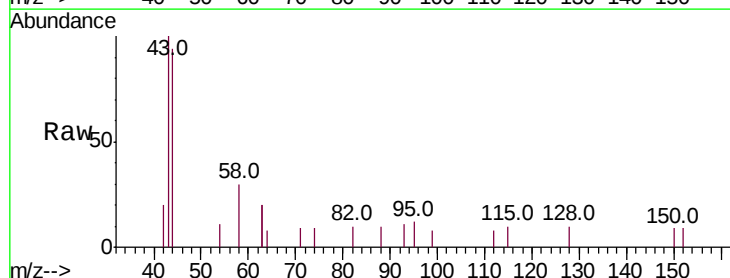
Tot Ion: 42 Resp: 703
 Ion Ratio Lower Upper
 42 100
 74 80.9 61.7 92.5
 44 0.0 14.0 21.0#

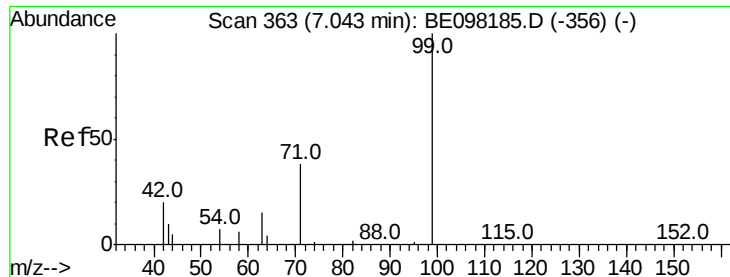


#4

2-Fluorophenol
 Concen: 0.002 ng
 RT: 5.45 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

Tgt Ion: 112 Resp: 5
 Ion Ratio Lower Upper
 112 100
 64 100.0 61.7 92.5#
 63 0.0 136.2 204.2#





#5

Phenol-d6

Concen: 0.001 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

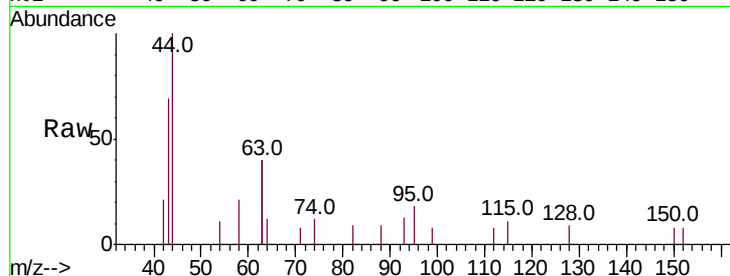
Tot Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 560.0 27.1 40.7#

71 280.0 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

150

100

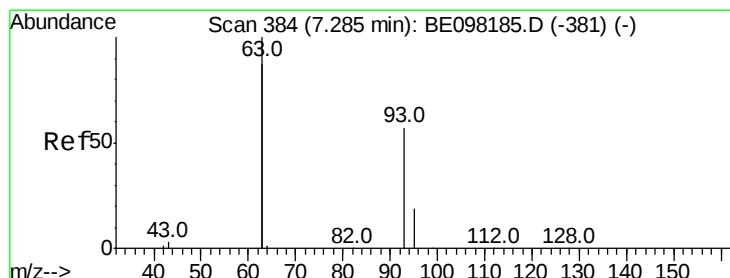
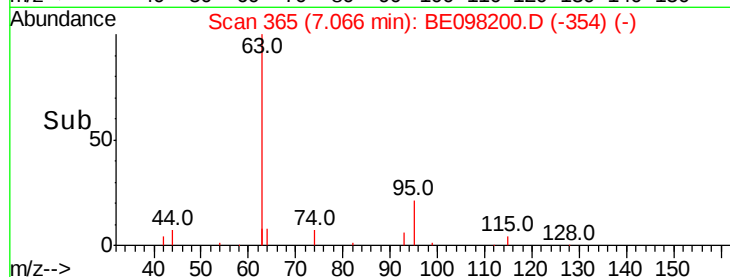
50

0

7.04 7.06 7.08 7.10

7.07

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 7.28 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

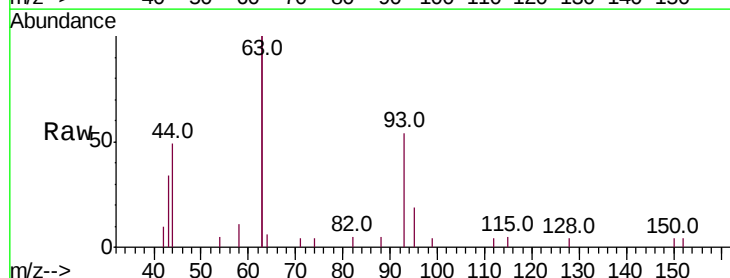
Tgt Ion: 93 Resp: 1066

Ion Ratio Lower Upper

93 100

63 326.9 272.6 409.0

95 30.4 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

3000

2500

2000

1500

1000

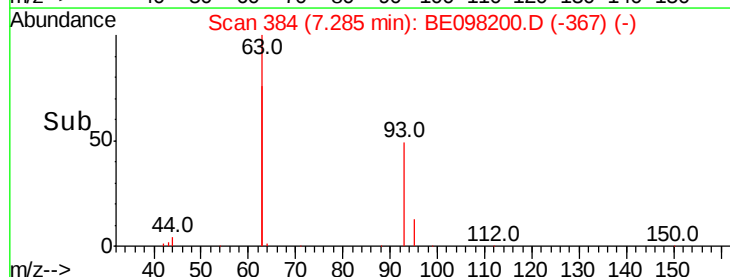
500

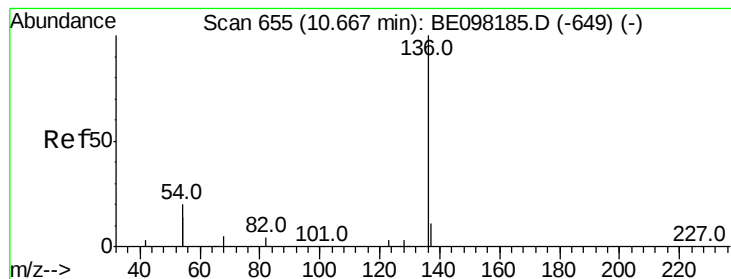
0

7.20 7.25 7.30 7.35 7.40

7.28

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

Tot Ion:136 Resp: 3931

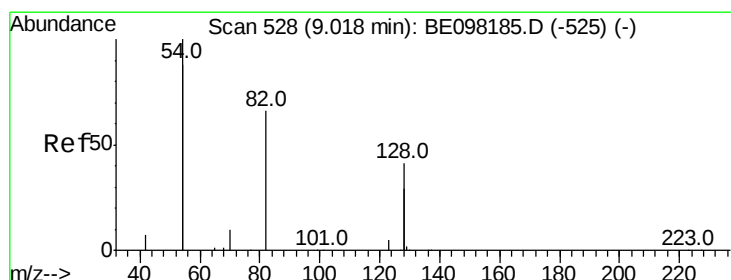
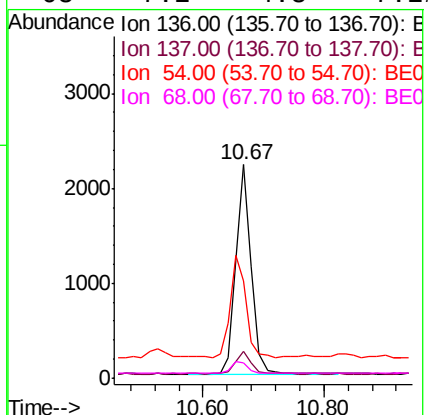
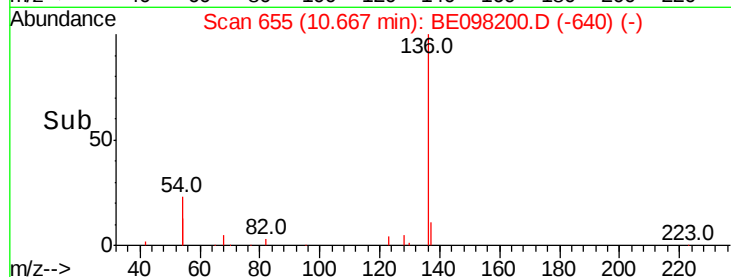
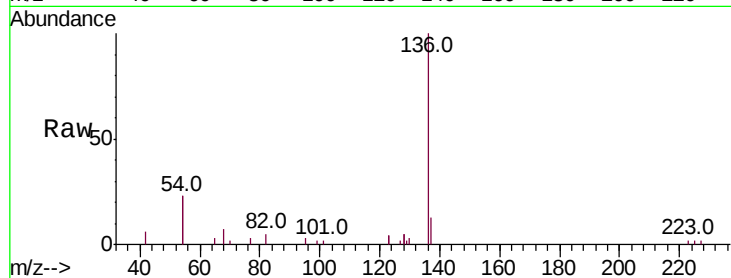
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 45.2 31.3 46.9

68 7.2 4.8 7.2#



#8

Nitrobenzene-d5

Concen: 0.003 ng

RT: 9.11 min Scan# 535

Delta R.T. 0.09 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

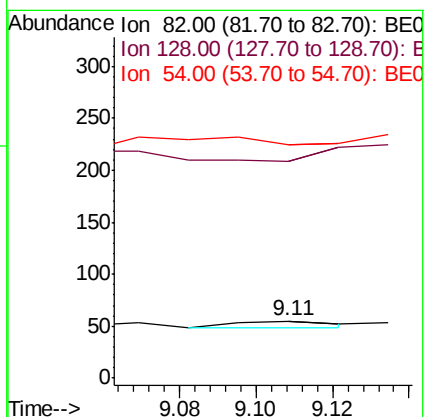
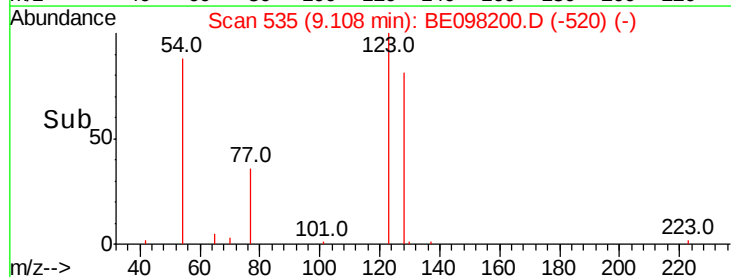
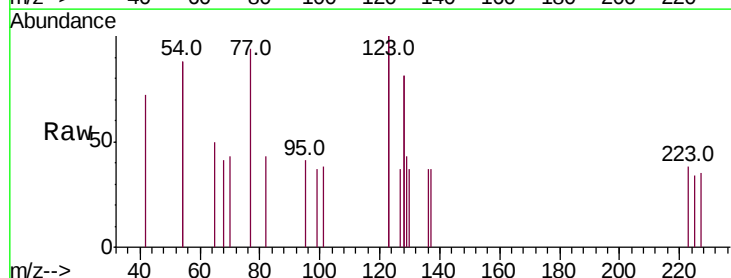
Tgt Ion: 82 Resp: 10

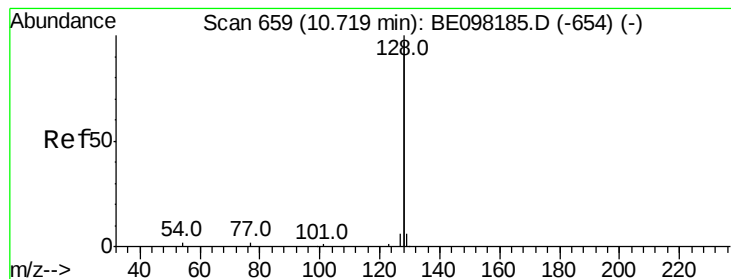
Ion Ratio Lower Upper

82 100

128 378.2 96.1 144.1#

54 407.3 232.0 348.0#





#9

Naphthalene

Concen: 0.364 ng

RT: 10.72 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

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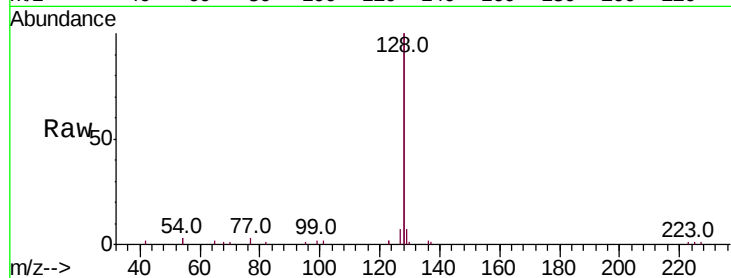
Tot Ion:128 Resp: 14560

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

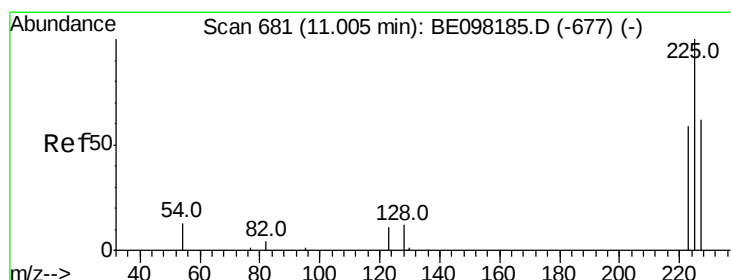
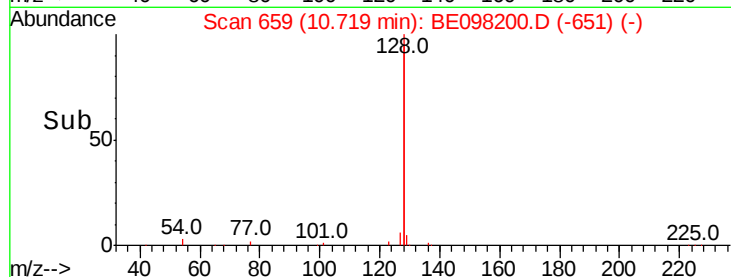
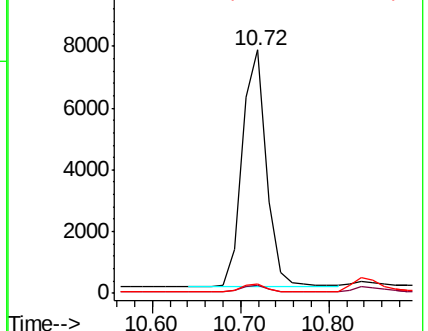
127 3.7 2.8 4.2



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: 0.334 ng

RT: 11.01 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

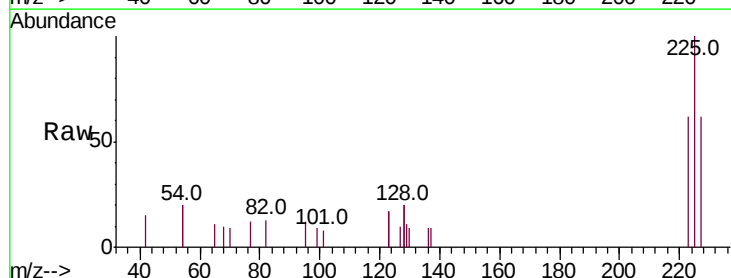
Tgt Ion:225 Resp: 831

Ion Ratio Lower Upper

225 100

223 62.1 50.5 75.7

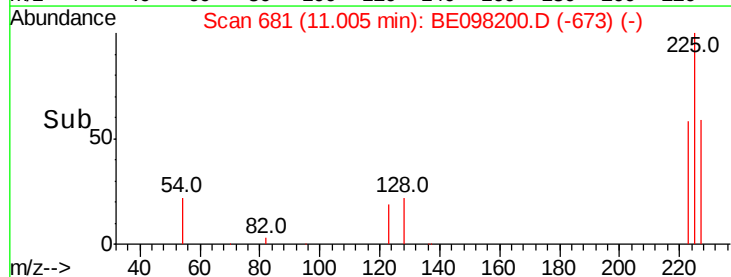
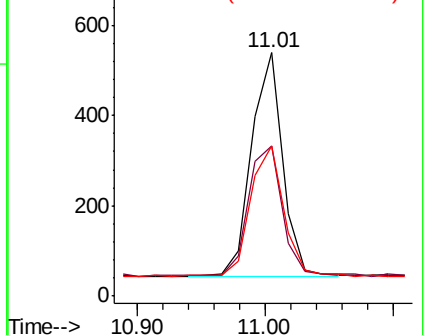
227 61.6 50.3 75.5

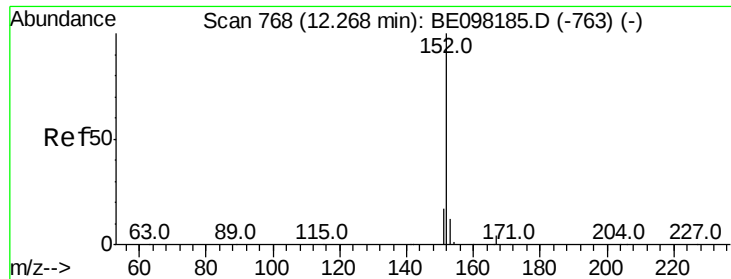


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

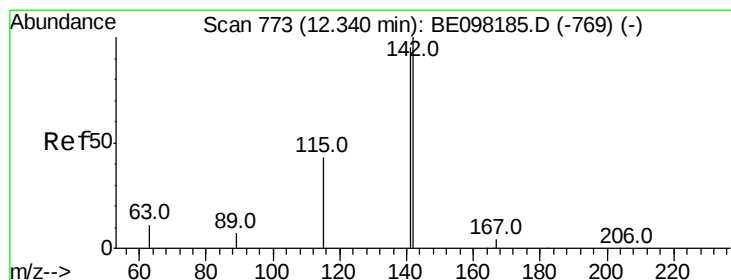
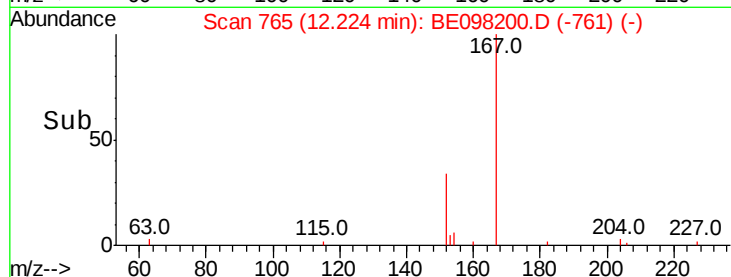
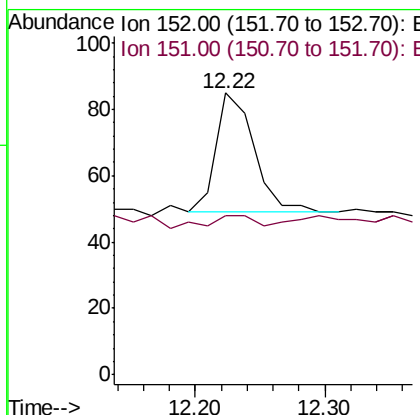
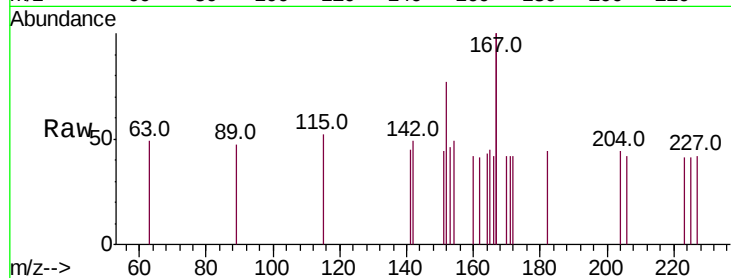




#11
 2-Methylnaphthalene-d10
 Concen: 0.011 ng
 RT: 12.22 min Scan# 765
 Delta R.T. -0.04 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

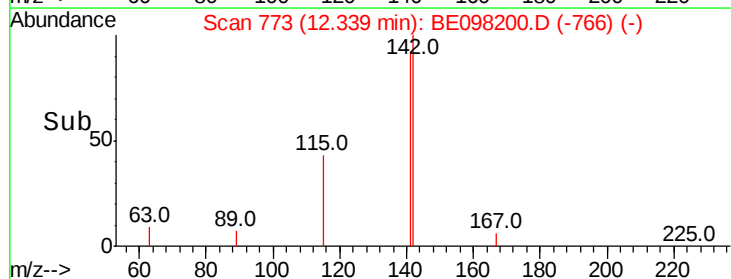
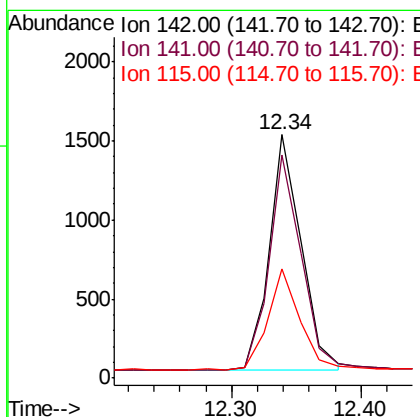
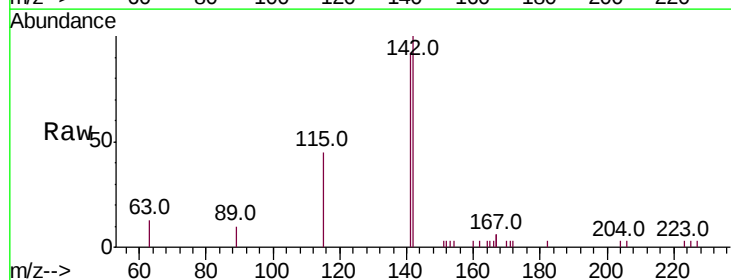
Instrument :
 BNA_E
 ClientSampleId :
 PB114718BL

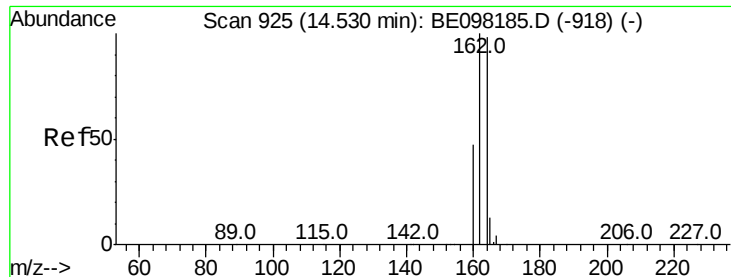
Tot Ion:152 Resp: 73
 Ion Ratio Lower Upper
 152 100
 151 6.8 15.4 23.2#



#12
 2-Methylnaphthalene
 Concen: 0.373 ng
 RT: 12.34 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

Tgt Ion:142 Resp: 2589
 Ion Ratio Lower Upper
 142 100
 141 91.9 76.3 114.5
 115 44.9 35.8 53.8

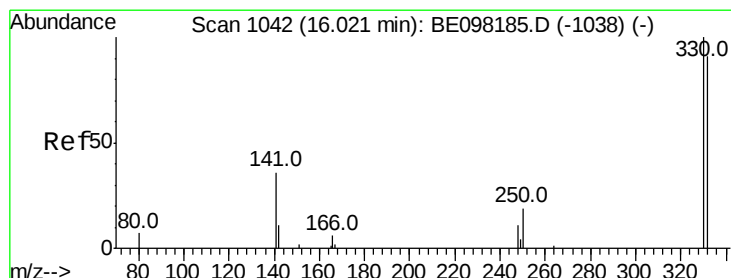
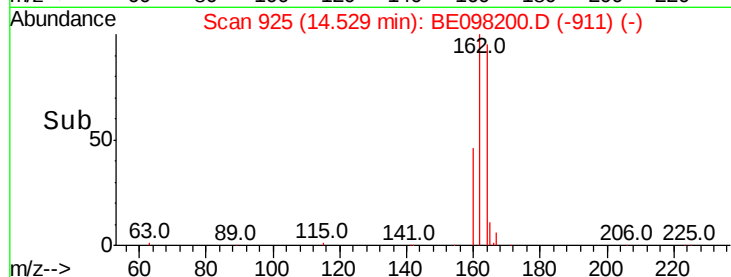
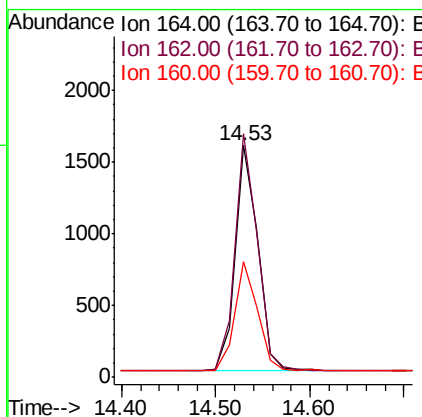
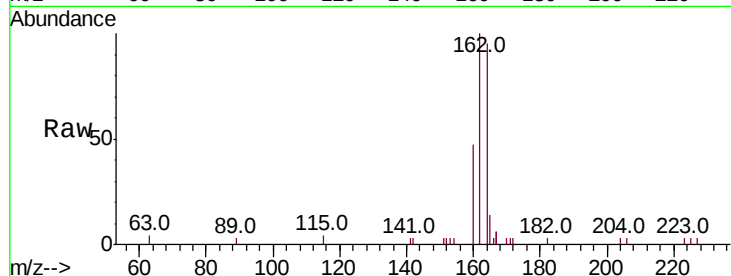




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

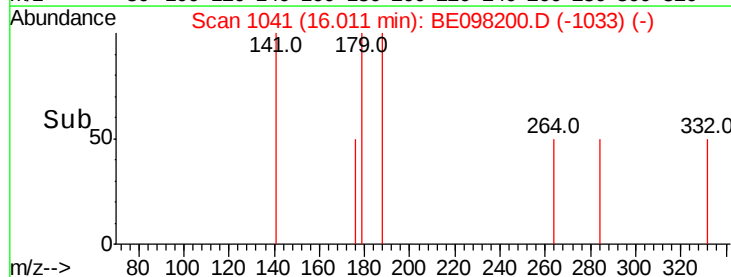
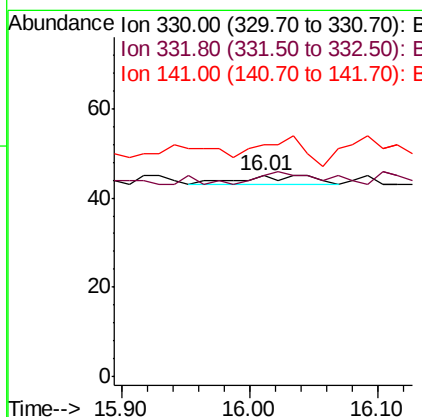
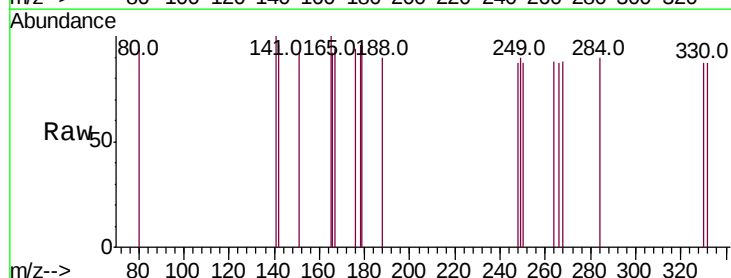
Instrument :
 BNA_E
 ClientSampleId :
 PB114718BL

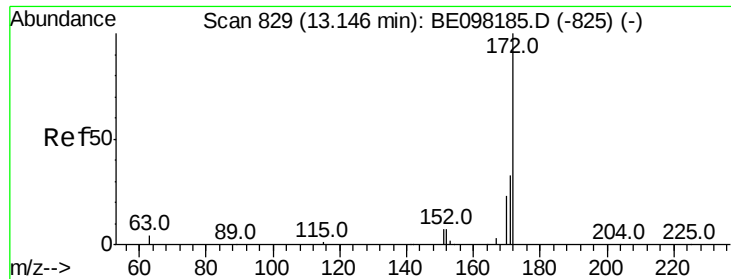
Tot Ion:164 Resp: 2623
 Ion Ratio Lower Upper
 164 100
 162 105.1 81.8 122.6
 160 49.8 39.4 59.0



#14
 2,4,6-Tribromophenol
 Concen: 0.007 ng
 RT: 16.01 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

Tgt Ion:330 Resp: 8
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 0.0 33.6 50.4#

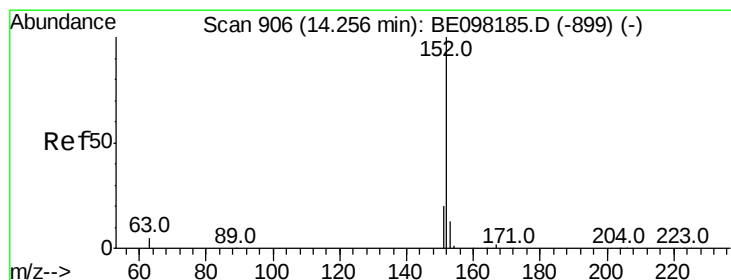
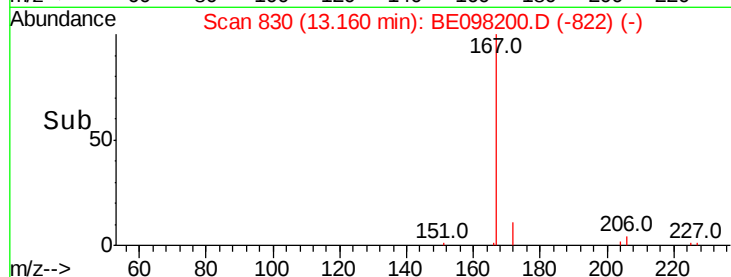
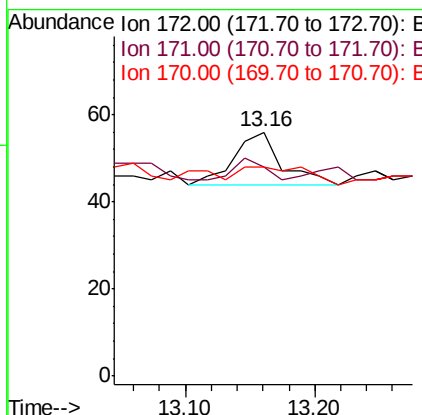
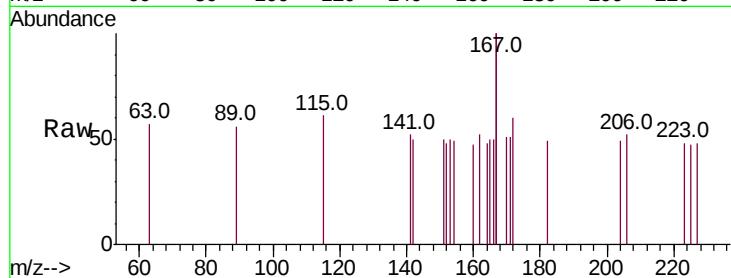




#15
2-Fluorobiphenyl
Concen: 0.003 ng
RT: 13.16 min Scan# 830
Delta R.T. 0.01 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

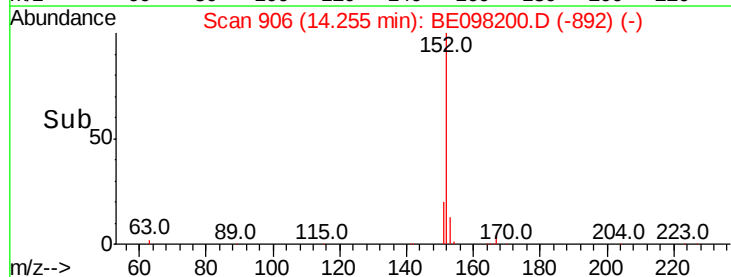
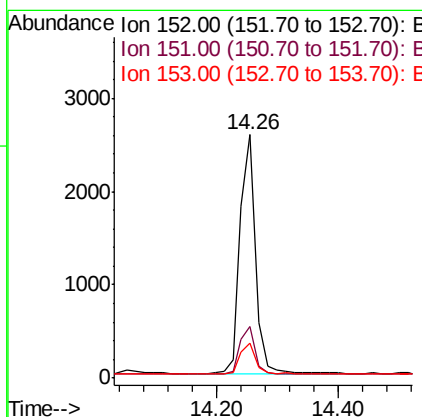
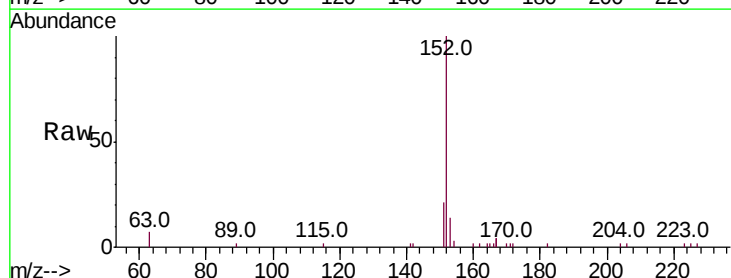
Instrument :
BNA_E
ClientSampleId :
PB114718BL

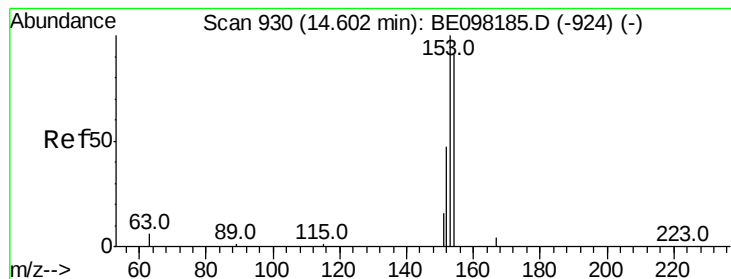
Tot Ion:172 Resp: 30
Ion Ratio Lower Upper
172 100
171 85.7 27.3 40.9#
170 85.7 19.4 29.0#



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.26 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Tgt Ion:152 Resp: 4539
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 12.4 10.6 15.8





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.60 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

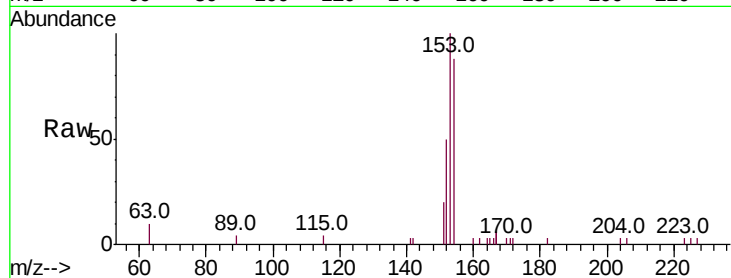
Tot Ion:154 Resp: 2588

Ion Ratio Lower Upper

154 100

153 117.3 92.1 138.1

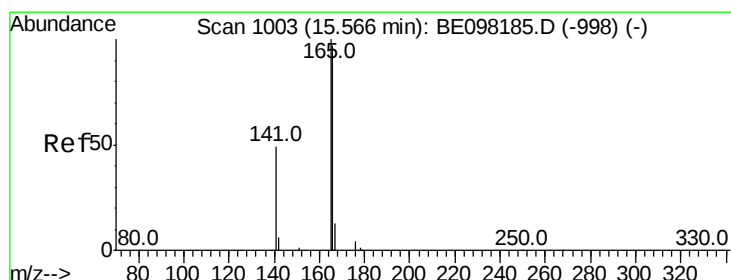
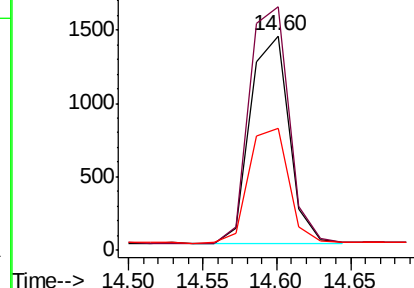
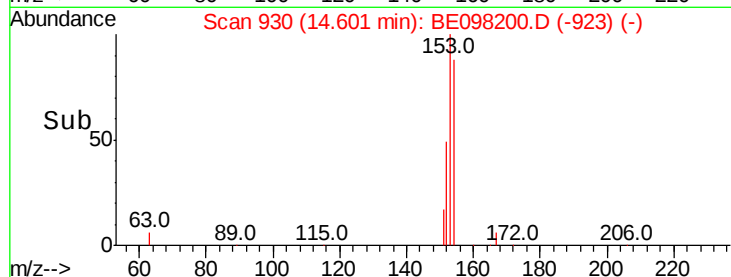
152 57.3 46.2 69.2



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: 0.405 ng

RT: 15.57 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

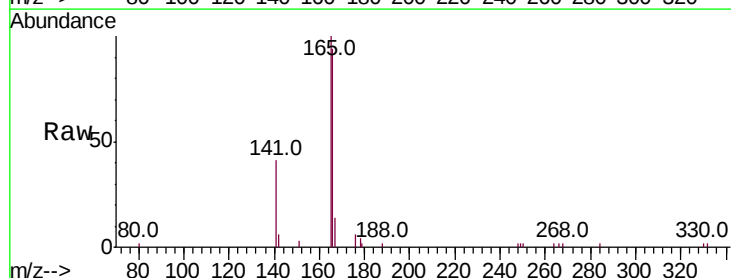
Tgt Ion:166 Resp: 3806

Ion Ratio Lower Upper

166 100

165 99.3 80.1 120.1

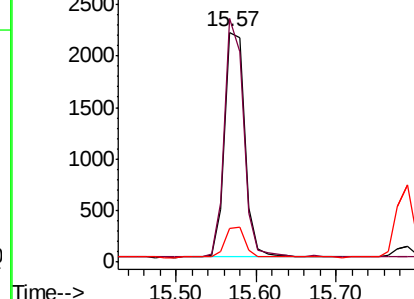
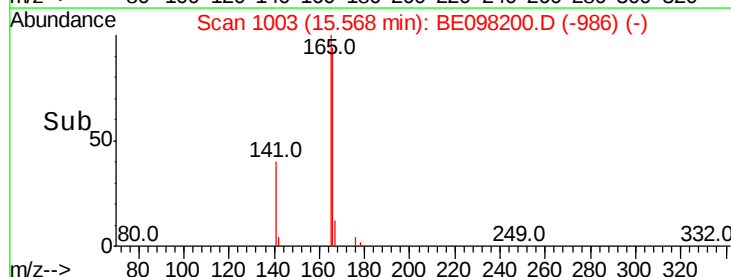
167 13.7 10.8 16.2

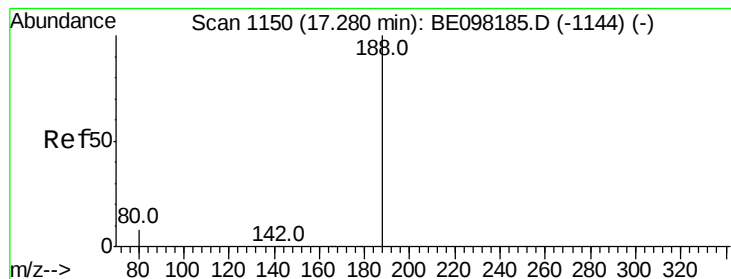


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1150

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

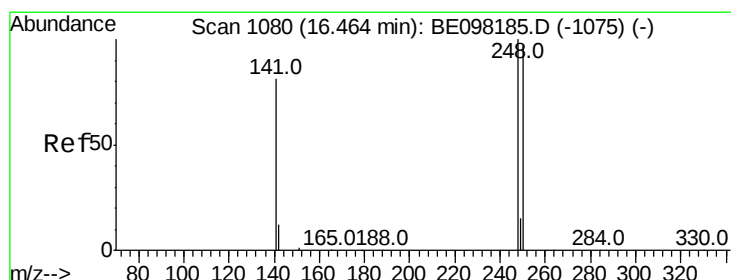
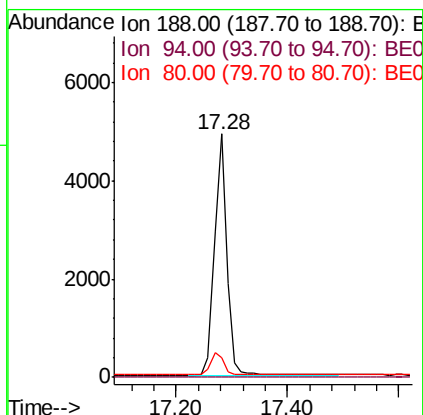
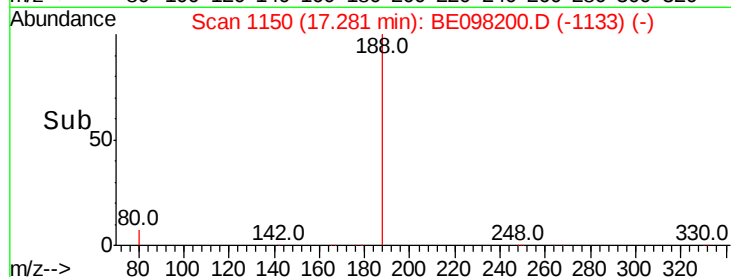
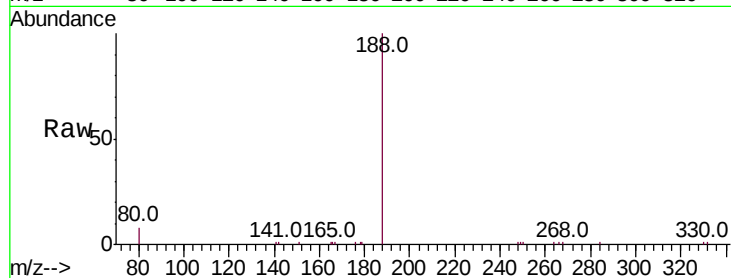
Tot Ion:188 Resp: 7407

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.327 ng

RT: 16.47 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

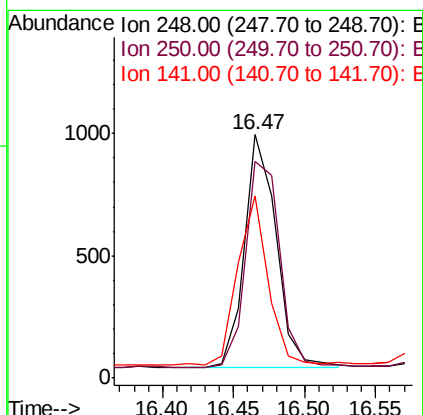
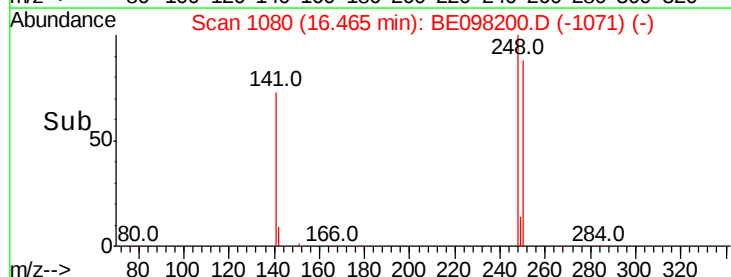
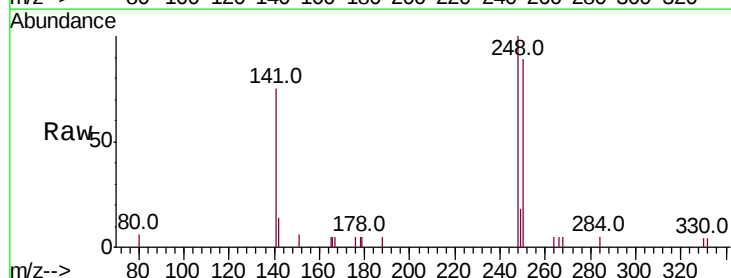
Tgt Ion:248 Resp: 1475

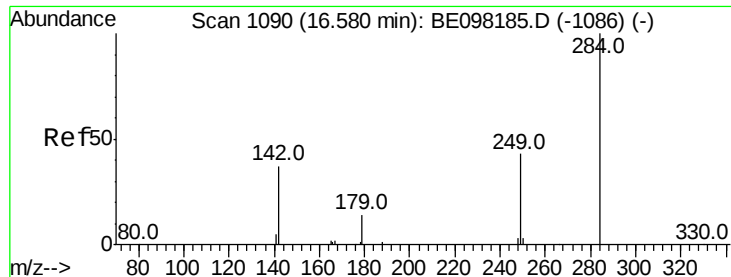
Ion Ratio Lower Upper

248 100

250 88.9 77.6 116.4

141 75.0 65.8 98.8

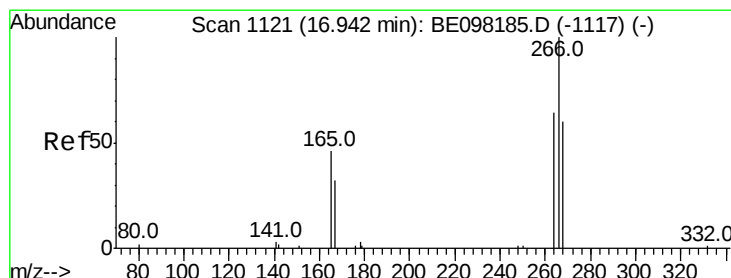
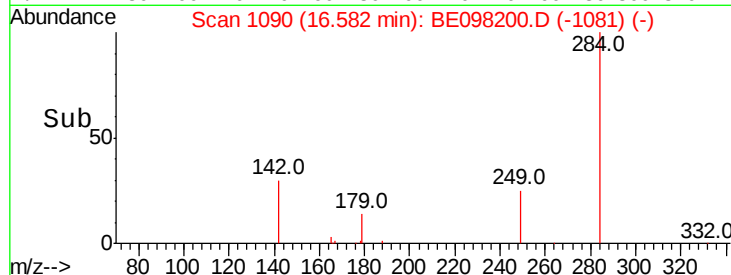
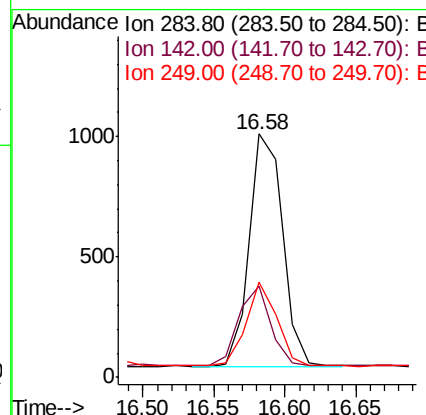
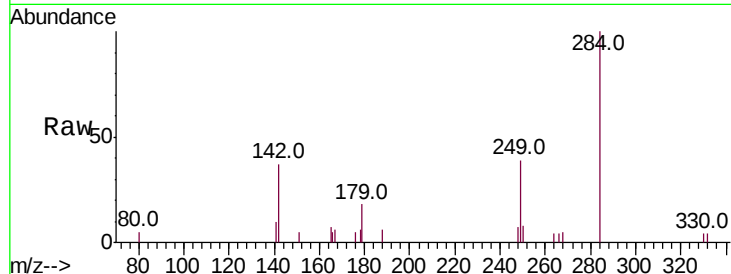




#21
Hexachlorobenzene
Concen: 0.338 ng
RT: 16.58 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

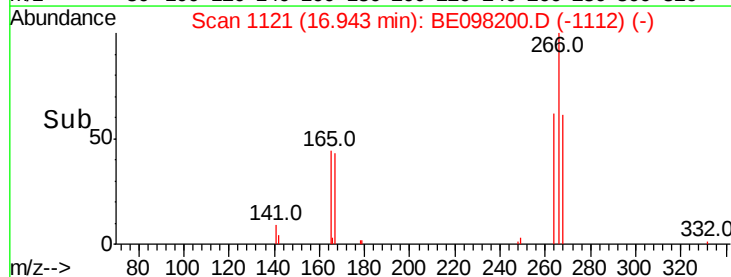
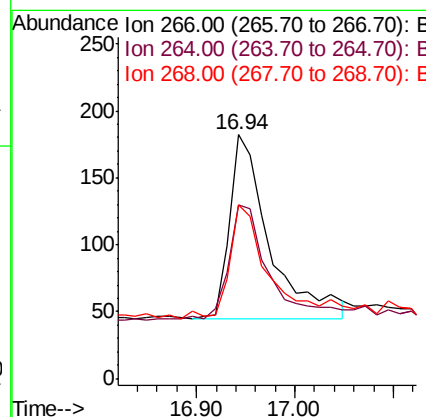
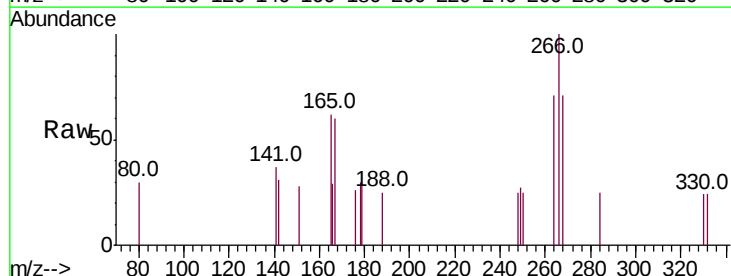
Instrument :
BNA_E
ClientSampleId :
PB114718BL

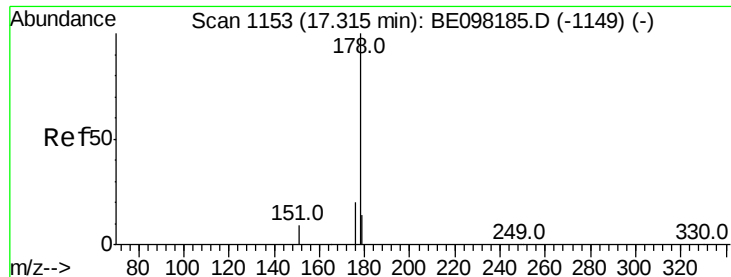
Tot Ion:284	Resp:	1587
Ion Ratio	Lower	Upper
284	100	
142	32.9	26.5 39.7
249	32.8	28.4 42.6



#22
Pentachlorophenol
Concen: 0.448 ng
RT: 16.94 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Tgt Ion:266	Resp:	385
Ion Ratio	Lower	Upper
266	100	
264	71.4	57.6 86.4
268	71.4	56.8 85.2





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.32 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

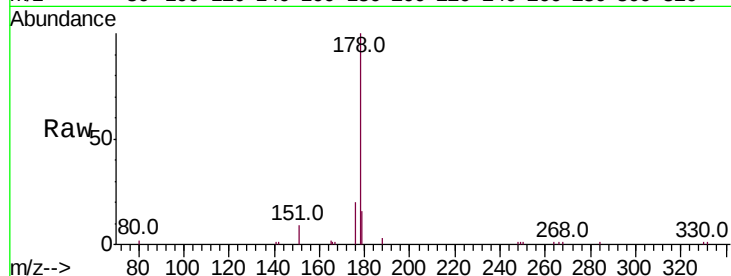
Tot Ion:178 Resp: 6974

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

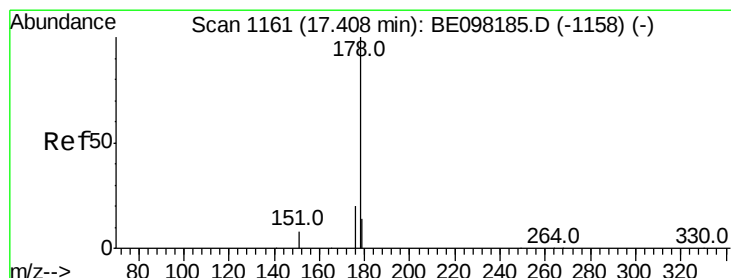
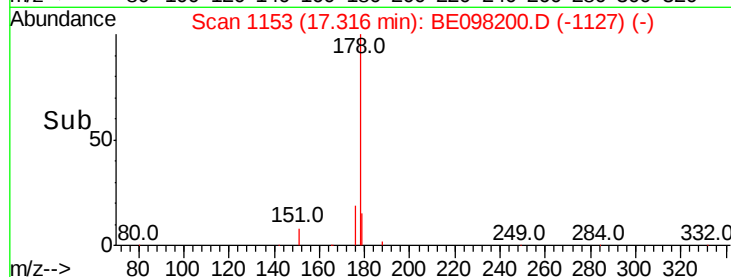
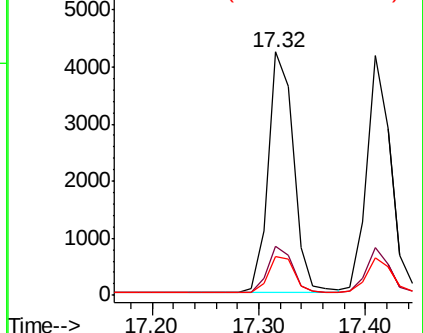
179 15.4 12.3 18.5



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: 0.371 ng

RT: 17.41 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

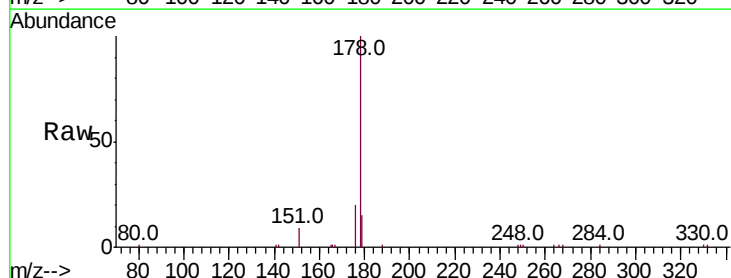
Tgt Ion:178 Resp: 6369

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

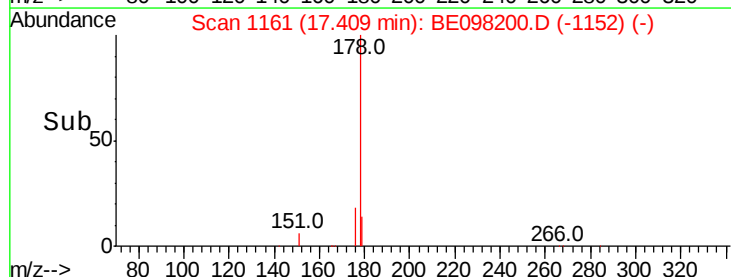
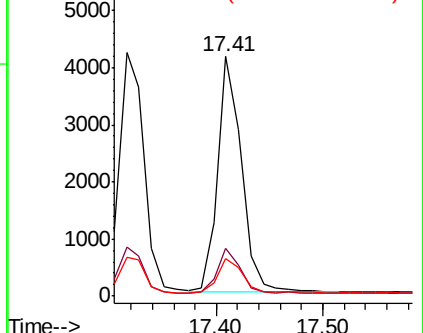
179 15.0 12.1 18.1

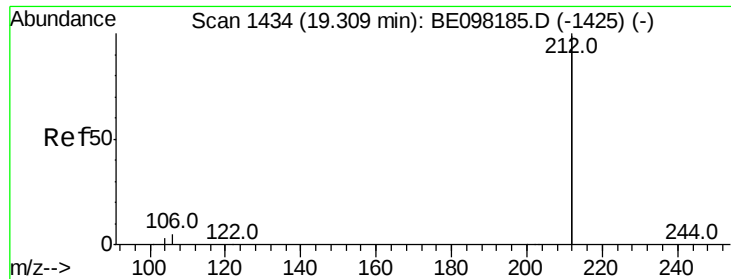


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

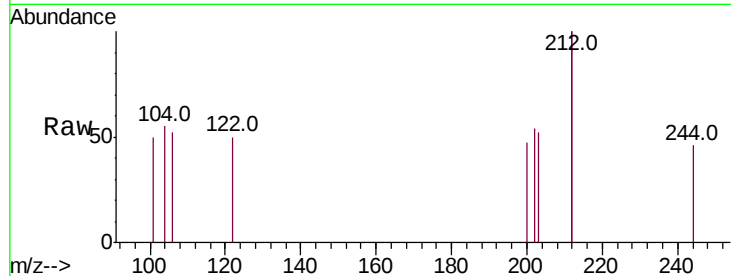
Tot Ion:212 Resp: 24

Ion Ratio Lower Upper

212 100

106 12.5 1.8 2.8#

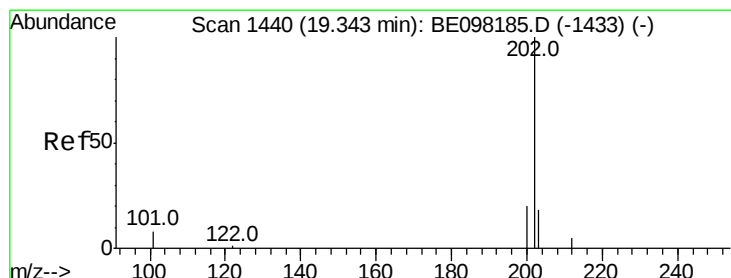
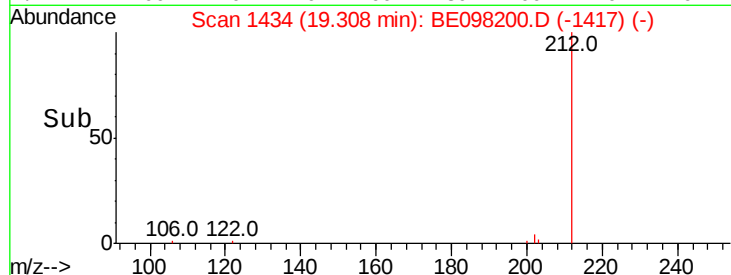
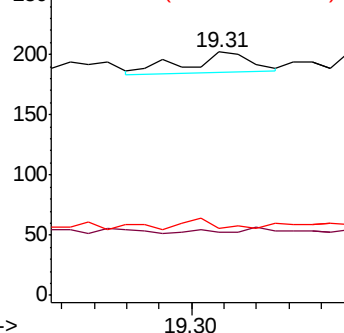
104 29.2 1.1 1.7#



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: 0.373 ng

RT: 19.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

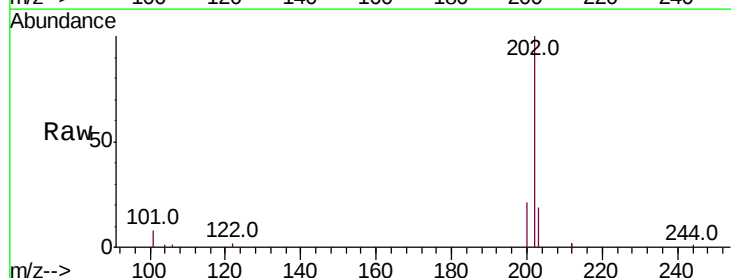
Tgt Ion:202 Resp: 8523

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.6

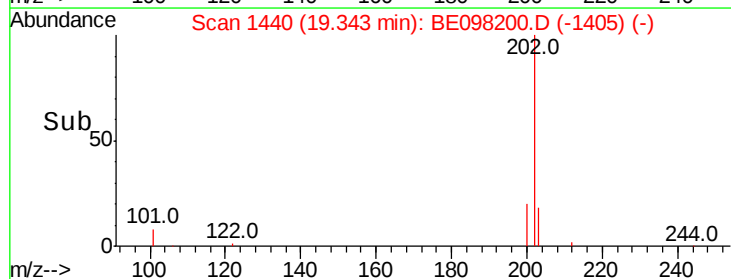
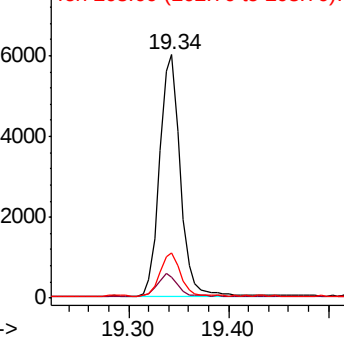
203 17.5 13.7 20.5

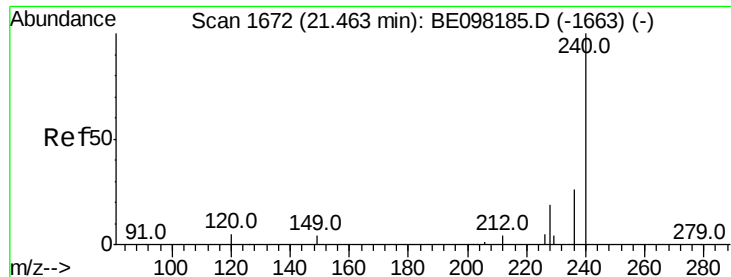


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

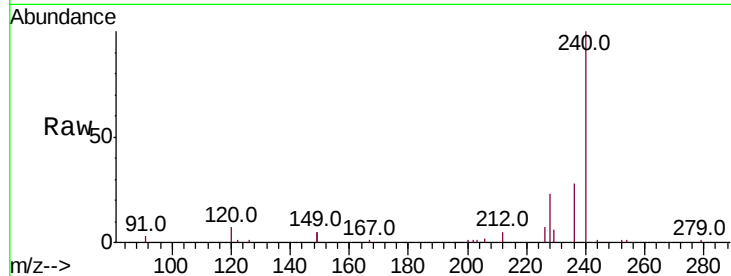




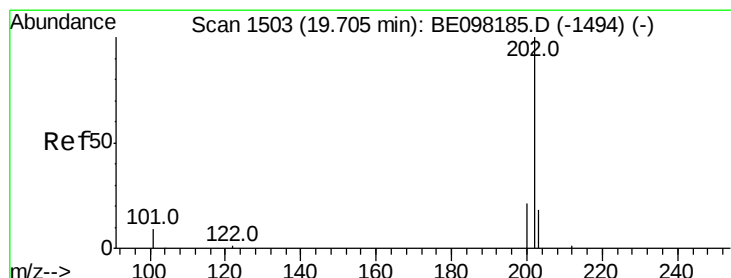
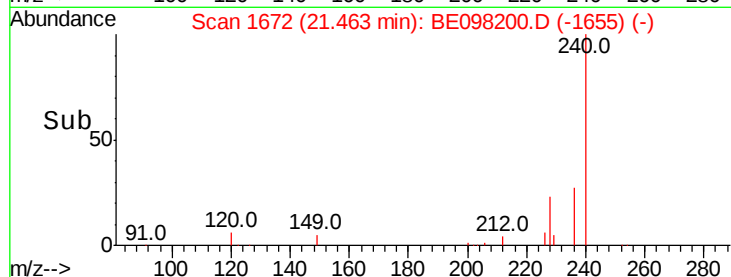
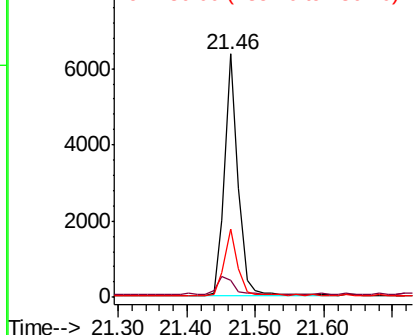
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Instrument :
BNA_E
ClientSampleId :
PB114718BL

Tot Ion:240 Resp: 8748
Ion Ratio Lower Upper
240 100
120 7.0 4.8 7.2
236 27.9 21.4 32.0

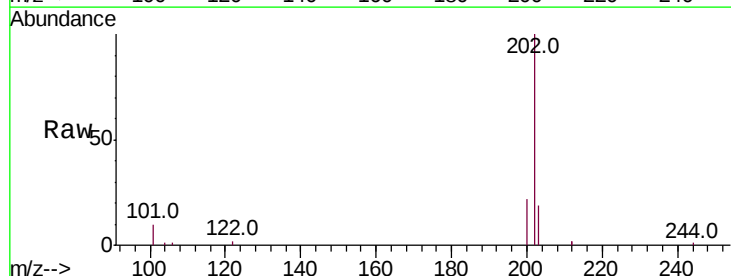


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

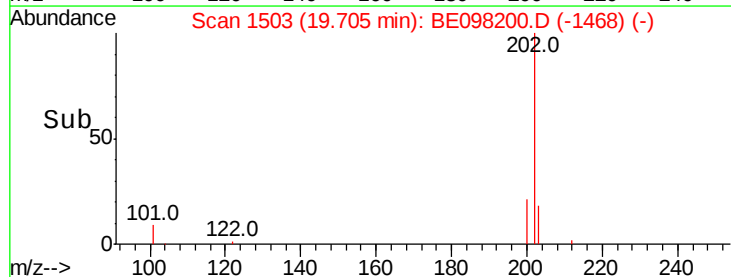
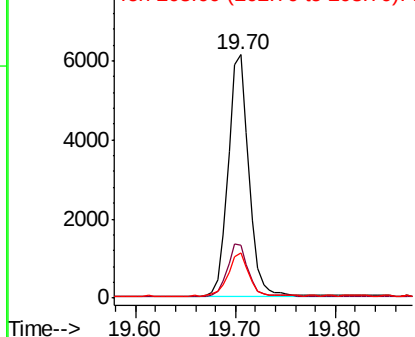


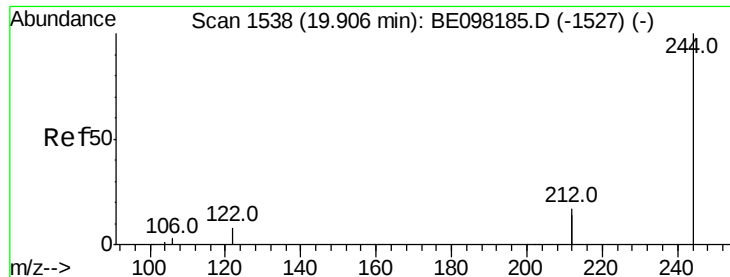
#28
Pyrene
Concen: 0.363 ng
RT: 19.70 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Tgt Ion:202 Resp: 8739
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
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: 0.003 ng

RT: 19.91 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

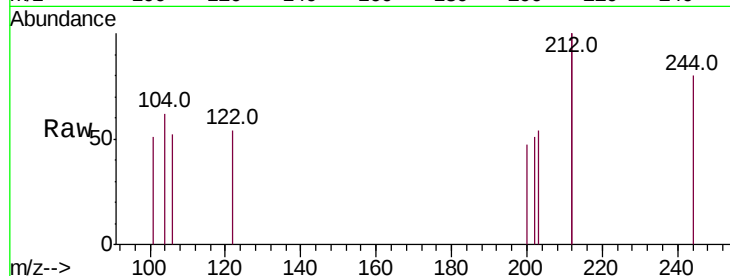
Tot Ion:244 Resp: 58

Ion Ratio Lower Upper

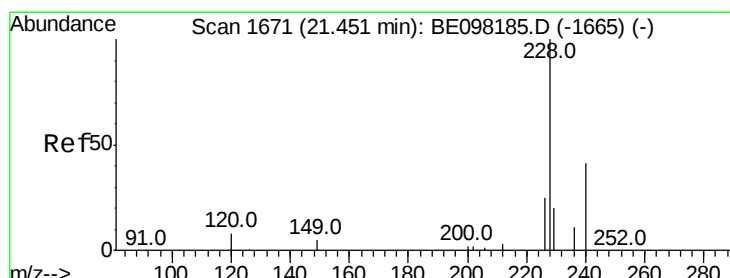
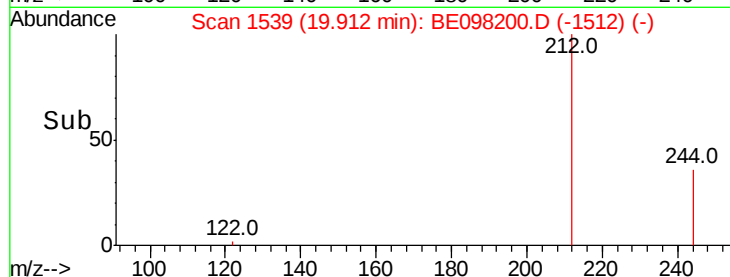
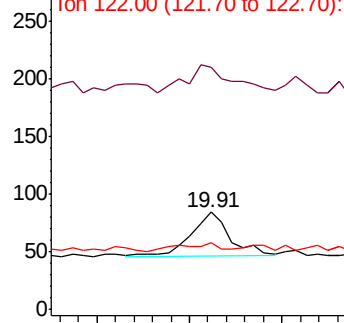
244 100

212 250.0 26.8 40.2#

122 67.9 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: 0.376 ng

RT: 21.45 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

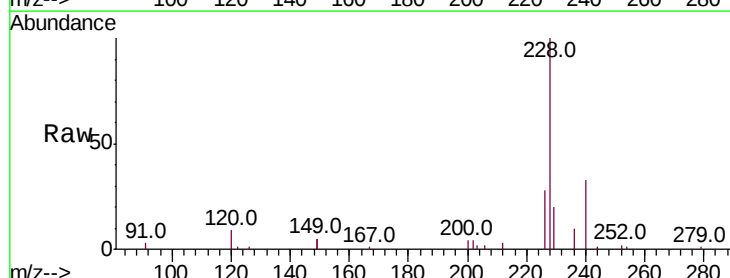
Tgt Ion:228 Resp: 9356

Ion Ratio Lower Upper

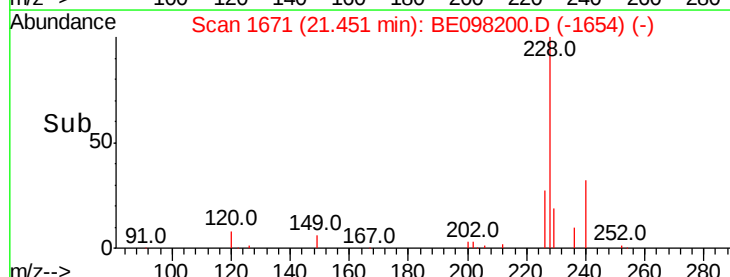
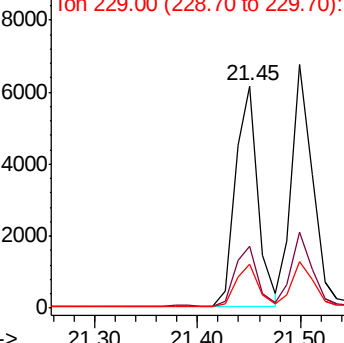
228 100

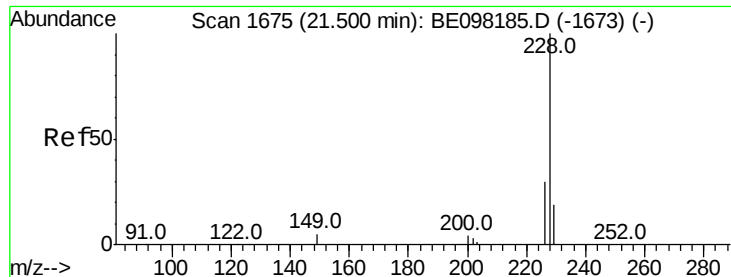
226 27.7 20.7 31.1

229 19.6 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: 0.374 ng

RT: 21.50 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

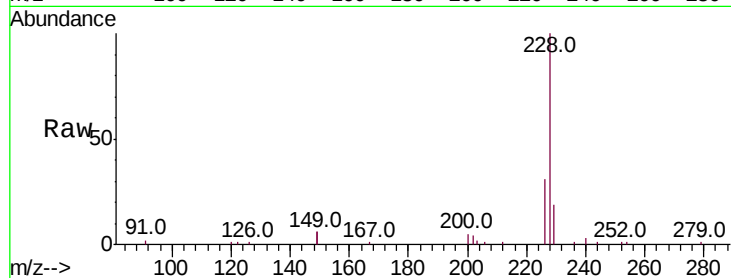
Tot Ion:228 Resp: 9430

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

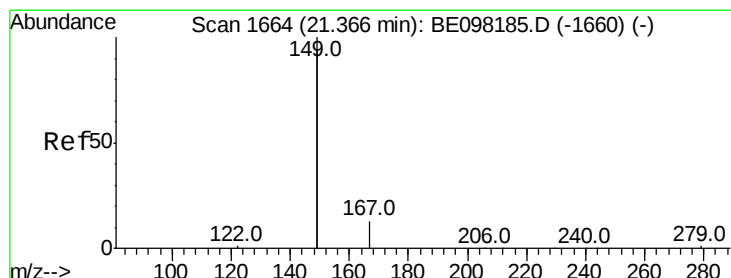
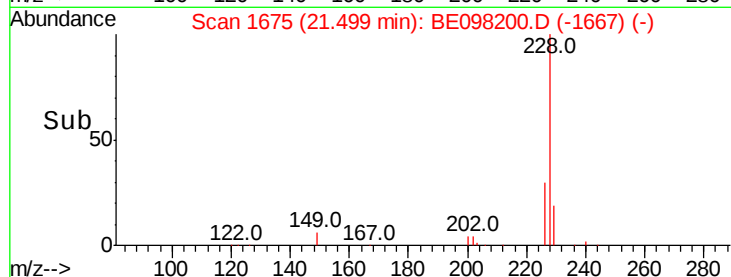
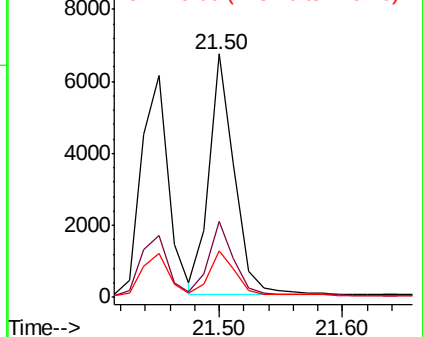
229 19.2 16.0 24.0



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: 0.338 ng

RT: 21.37 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

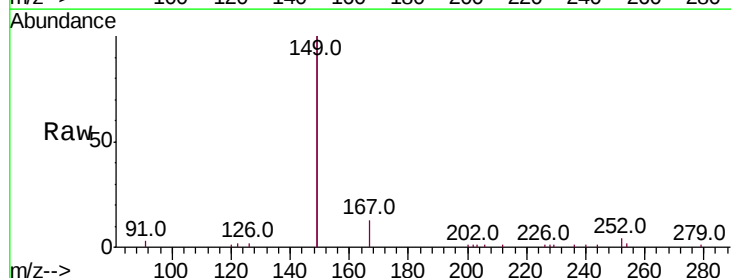
Tgt Ion:149 Resp: 17433

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

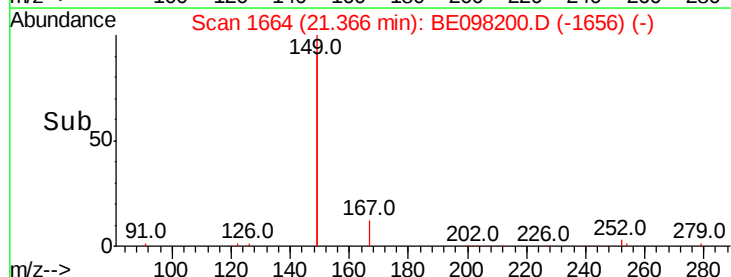
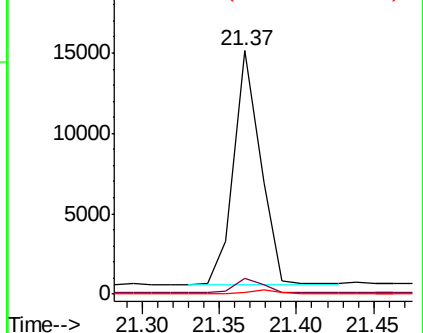
279 1.2 0.9 1.3

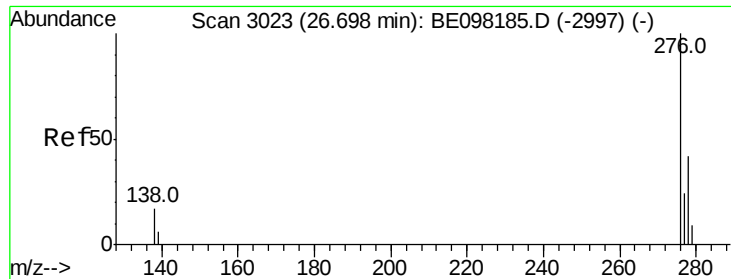


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

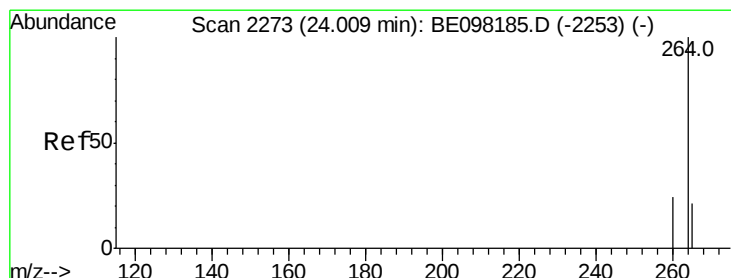
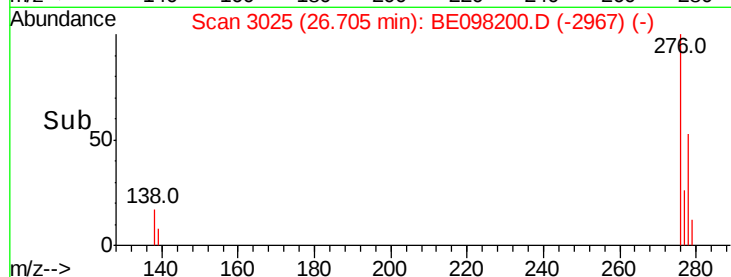
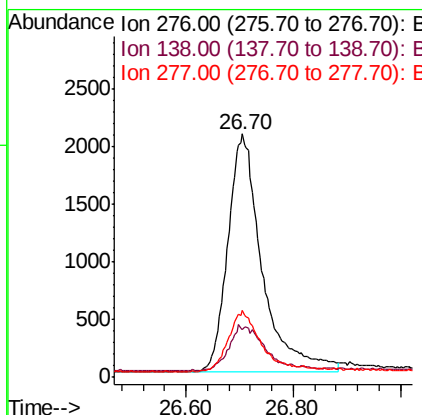
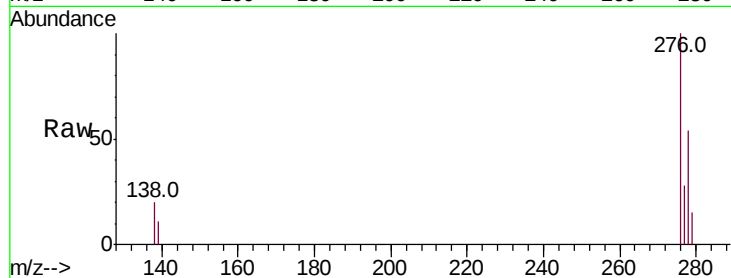




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.394 ng
 RT: 26.70 min Scan# 3025
 Delta R.T. 0.01 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

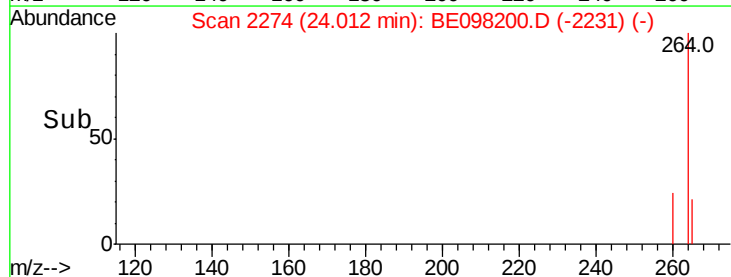
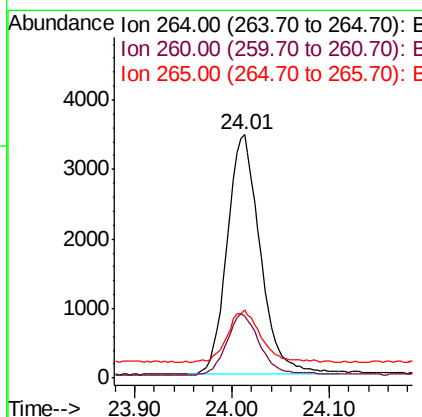
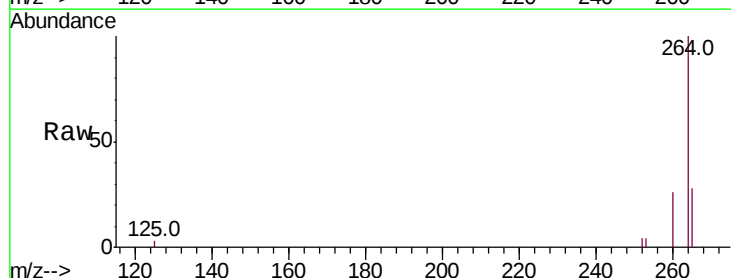
Instrument :
 BNA_E
 ClientSampleId :
 PB114718BL

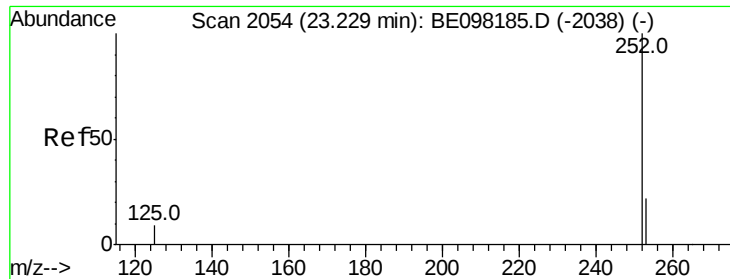
Tot Ion:276 Resp: 9131
 Ion Ratio Lower Upper
 276 100
 138 7.9 6.4 9.6
 277 23.5 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098200.D
 Acq: 12 Nov 2018 21:53

Tgt Ion:264 Resp: 8131
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.9 29.9
 265 27.8 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

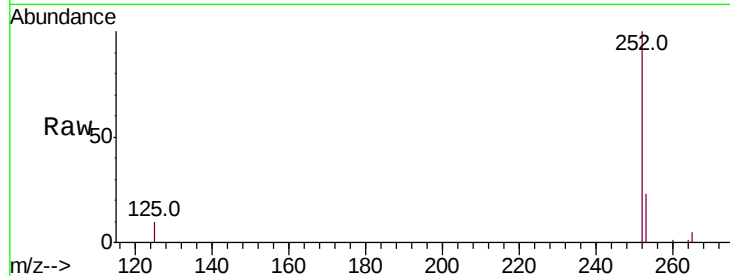
Tot Ion:252 Resp: 8860

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.0

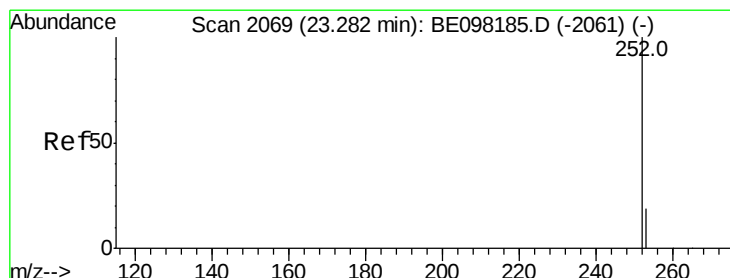
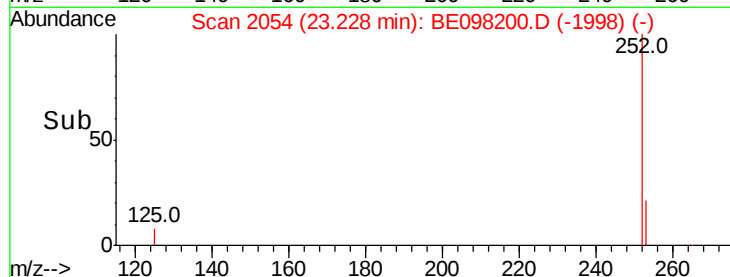
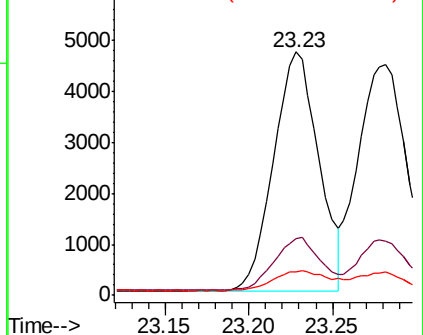
125 9.9 8.6 12.8



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: 0.384 ng

RT: 23.28 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

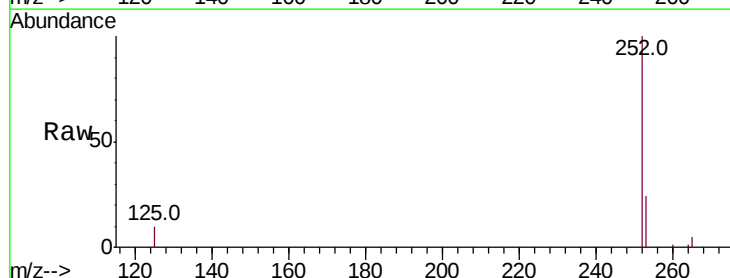
Tgt Ion:252 Resp: 9343

Ion Ratio Lower Upper

252 100

253 23.6 18.6 28.0

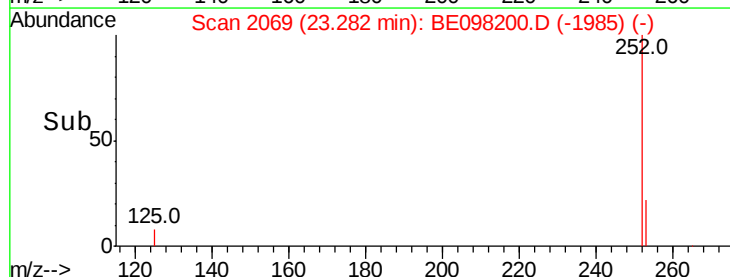
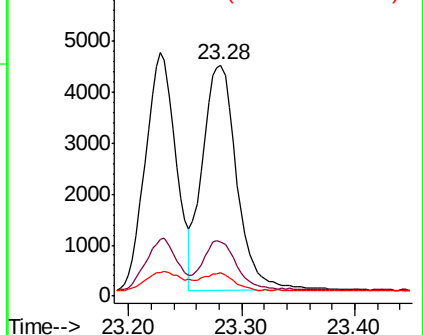
125 10.0 7.4 11.0

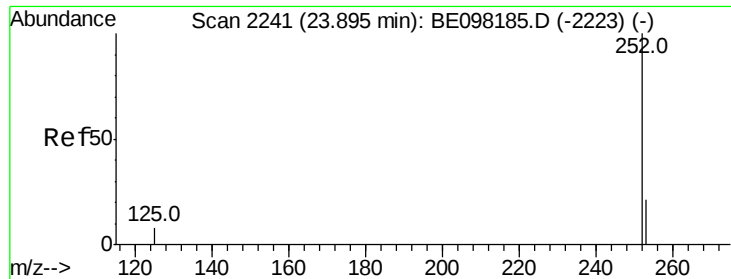


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

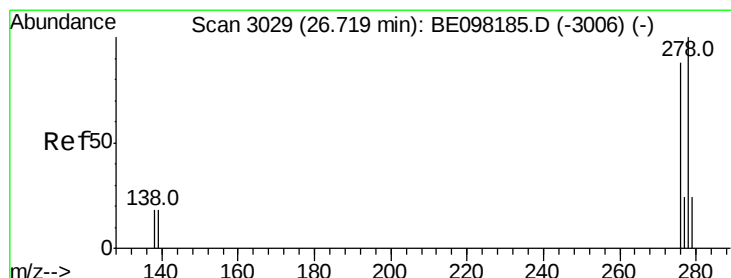
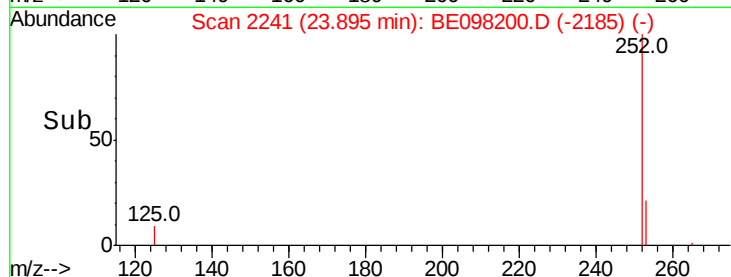
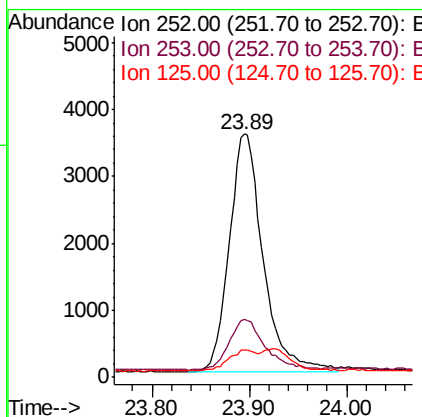
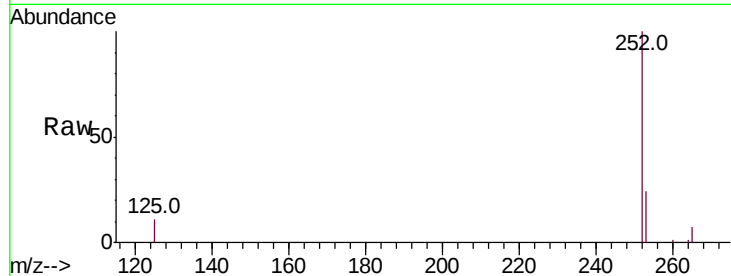




#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.89 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

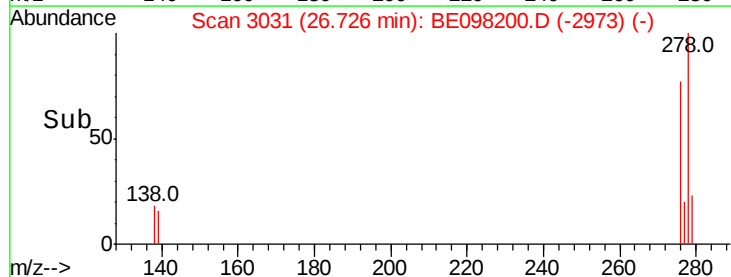
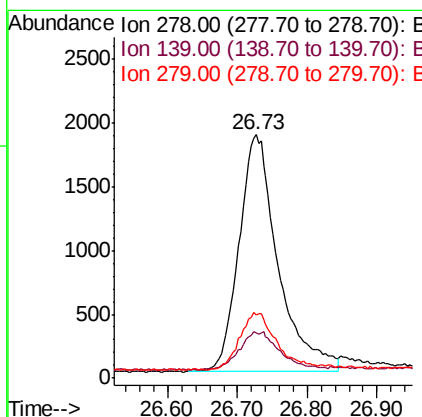
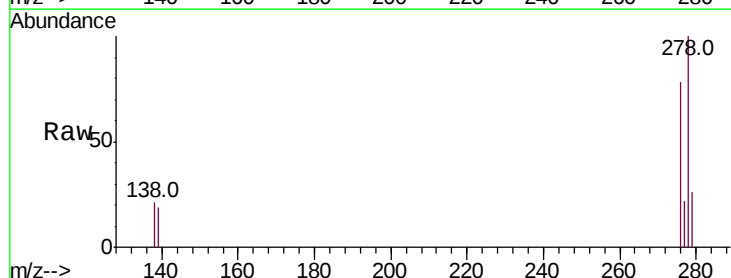
Instrument :
BNA_E
ClientSampleId :
PB114718BL

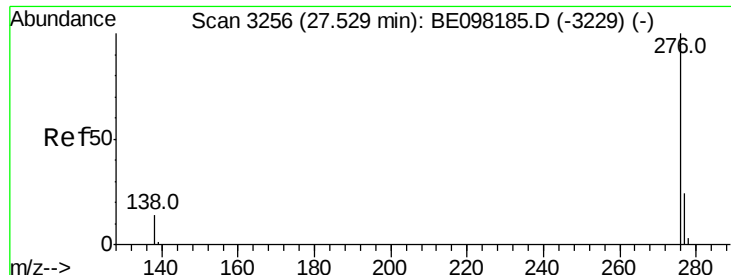
Tot Ion:252 Resp: 8619
Ion Ratio Lower Upper
252 100
253 23.7 18.6 27.8
125 11.2 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.01 min
Lab File: BE098200.D
Acq: 12 Nov 2018 21:53

Tgt Ion:278 Resp: 7258
Ion Ratio Lower Upper
278 100
139 18.8 16.4 24.6
279 25.8 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.53 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BE098200.D

Acq: 12 Nov 2018 21:53

Instrument :

BNA_E

ClientSampleId :

PB114718BL

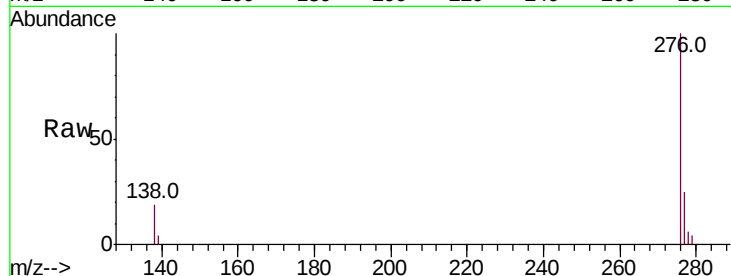
Tot Ion:276 Resp: 7541

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 18.5 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

