

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098220.D
 Acq On : 13 Nov 2018 22:11
 Operator : SJ/JU
 Sample : PB114778BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114778BSD

Quant Time: Nov 14 00:08:26 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	1553	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7567	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4899	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11487	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13631	0.40	ng	0.00
34) Perylene-d12	24.01	264	12999	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1836	0.42	ng	0.00
5) Phenol-d6	7.04	99	2868	0.41	ng	0.00
8) Nitrobenzene-d5	9.02	82	2989	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5107	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	756	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7687	0.37	ng	0.00
25) Fluoranthene-d10	19.31	212	57081	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	11411	0.37	ng	0.00

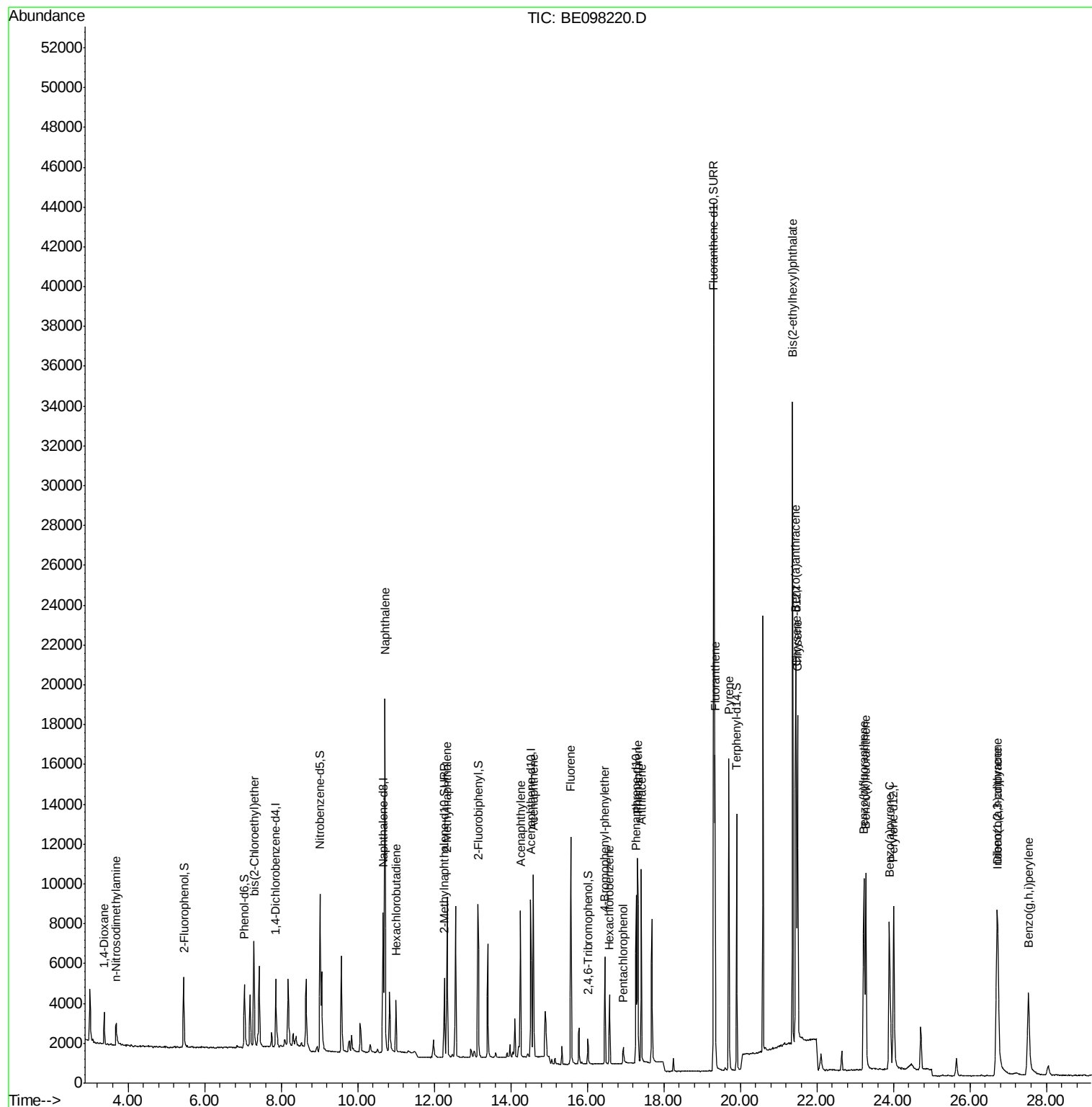
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	854	0.365	ng	95
3) n-Nitrosodimethylamine	3.68	42	1164	0.382	ng	# 95
6) bis(2-Chloroethyl)ether	7.29	93	2133	0.375	ng	97
9) Naphthalene	10.72	128	29752	0.387	ng	99
10) Hexachlorobutadiene	11.00	225	1821	0.381	ng	97
12) 2-Methylnaphthalene	12.34	142	5226	0.391	ng	96
16) Acenaphthylene	14.25	152	8813	0.392	ng	99
17) Acenaphthene	14.60	154	5263	0.384	ng	98
18) Fluorene	15.57	166	6881	0.392	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2664	0.381	ng	94
21) Hexachlorobenzene	16.58	284	2786	0.383	ng	97
22) Pentachlorophenol	16.94	266	588	0.442	ng	96
23) Phenanthrene	17.32	178	11295	0.395	ng	99
24) Anthracene	17.41	178	10345	0.388	ng	98
26) Fluoranthene	19.34	202	14101	0.398	ng	99
28) Pyrene	19.70	202	14506	0.387	ng	99
30) Benzo(a)anthracene	21.45	228	14716	0.380	ng	99
31) Chrysene	21.50	228	14753	0.375	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	33843	0.421	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	14094	0.391	ng	# 88
35) Benzo(b)fluoranthene	23.22	252	13875	0.376	ng	97
36) Benzo(k)fluoranthene	23.28	252	14761	0.379	ng	99
37) Benzo(a)pyrene	23.89	252	13652	0.386	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	12031	0.399	ng	98
39) Benzo(g,h,i)perylene	27.53	276	12022	0.382	ng	98

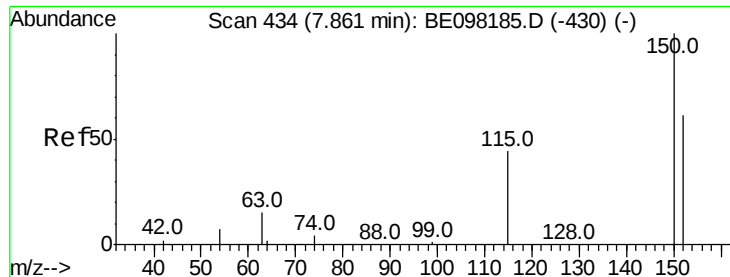
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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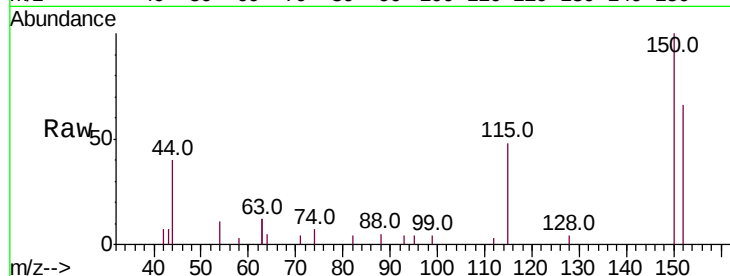


#1

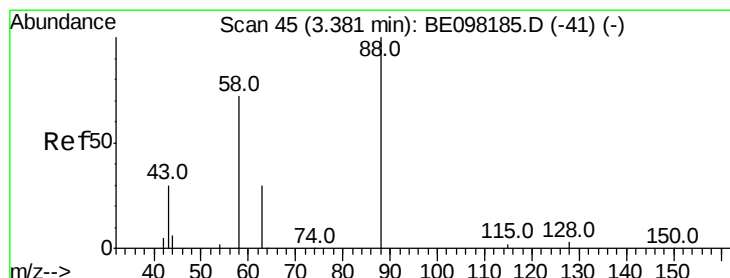
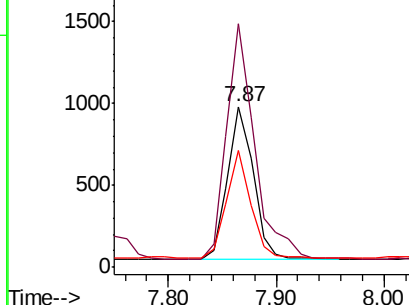
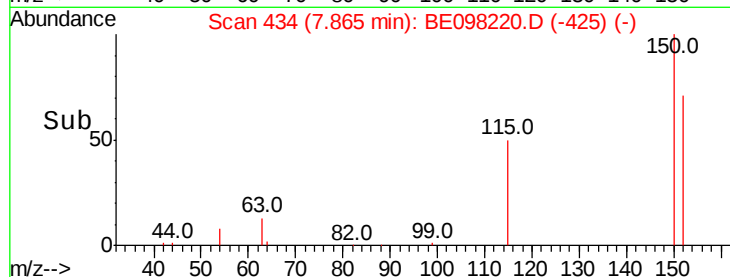
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE098220.D
 Acq: 13 Nov 2018 22:11

Instrument :
 BNA_E
 ClientSampleId :
 PB114778BSD

Tot Ion:152 Resp: 1553
 Ion Ratio Lower Upper
 152 100
 150 151.6 127.5 191.3
 115 72.8 60.3 90.5



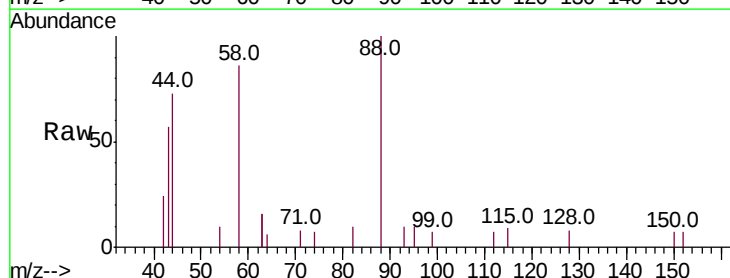
Abundance Ion 152.00 (151.70 to 152.70): E
 2000 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



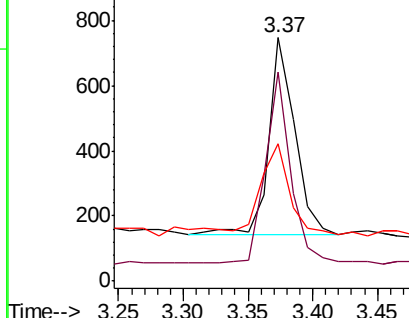
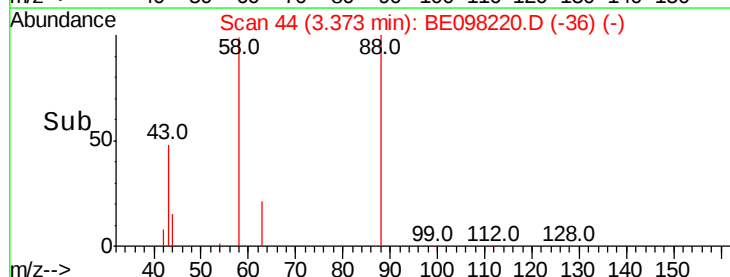
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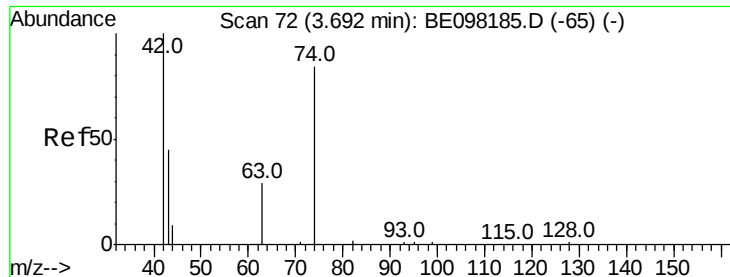
1,4-Dioxane
 Concen: 0.365 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE098220.D
 Acq: 13 Nov 2018 22:11

Tgt Ion: 88 Resp: 854
 Ion Ratio Lower Upper
 88 100
 58 92.9 79.0 118.4
 43 49.6 38.1 57.1



Abundance Ion 88.00 (87.70 to 88.70): BE0
 1000 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



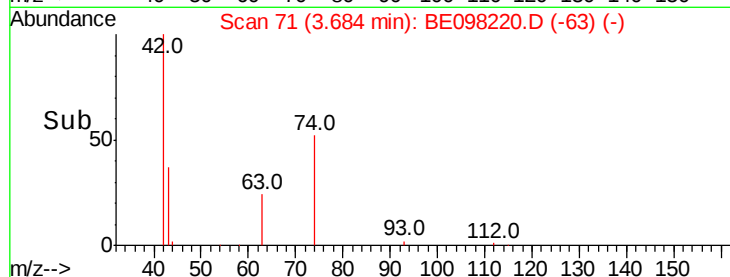
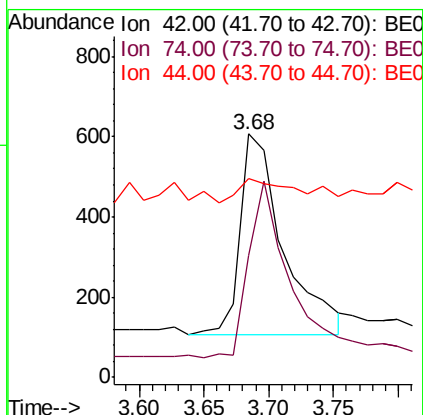
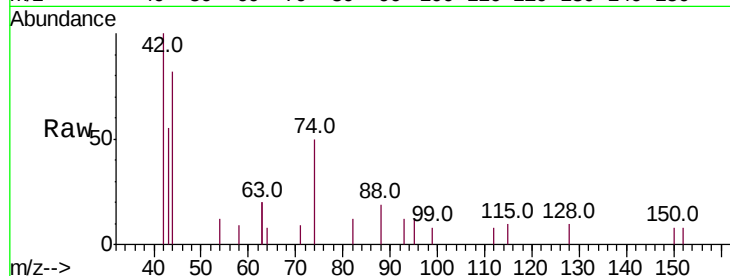


#3

n-Nitrosodimethylamine
 Concen: 0.382 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098220.D
 Acq: 13 Nov 2018 22:11

Instrument :
 BNA_E
 ClientSampleId :
 PB114778BSD

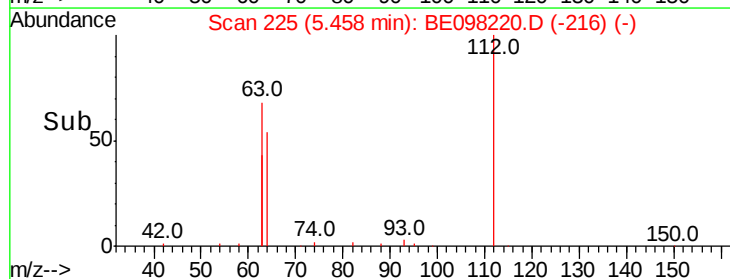
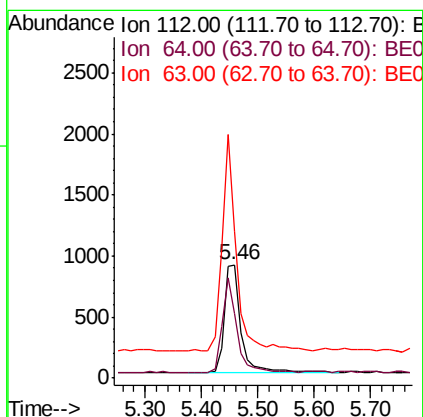
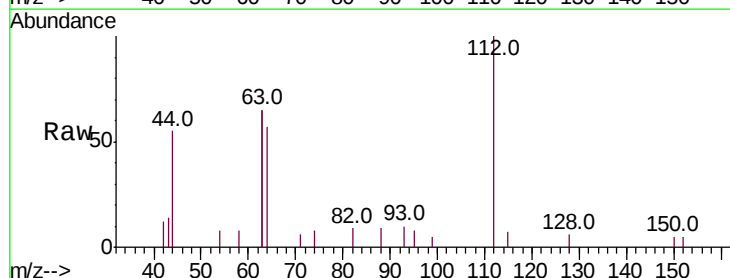
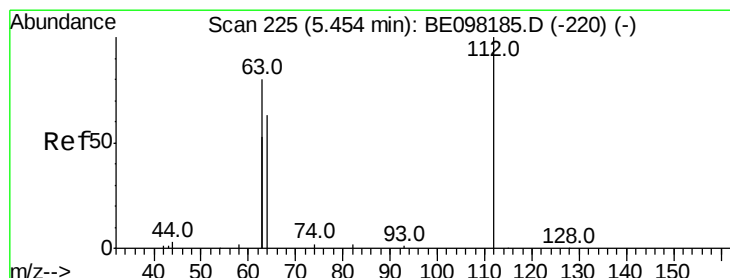
Tot Ion: 42 Resp: 1164
 Ion Ratio Lower Upper
 42 100
 74 81.0 61.7 92.5
 44 13.2 14.0 21.0#

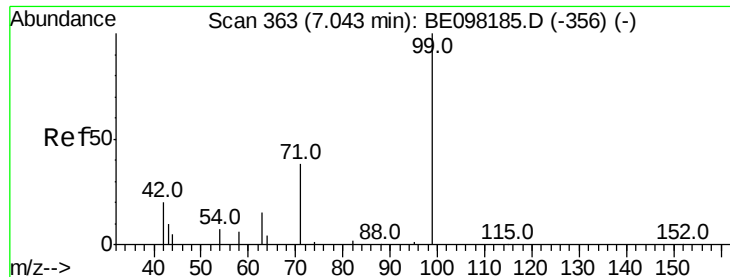


#4

2-Fluorophenol
 Concen: 0.419 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098220.D
 Acq: 13 Nov 2018 22:11

Tgt Ion: 112 Resp: 1836
 Ion Ratio Lower Upper
 112 100
 64 75.3 61.7 92.5
 63 167.9 136.2 204.2





#5

Phenol-d6

Concen: 0.407 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

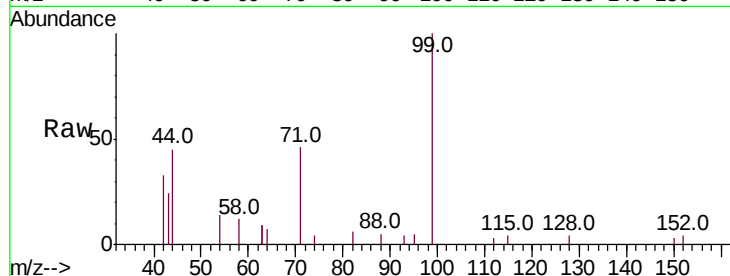
Tot Ion: 99 Resp: 2868

Ion Ratio Lower Upper

99 100

42 30.1 27.1 40.7

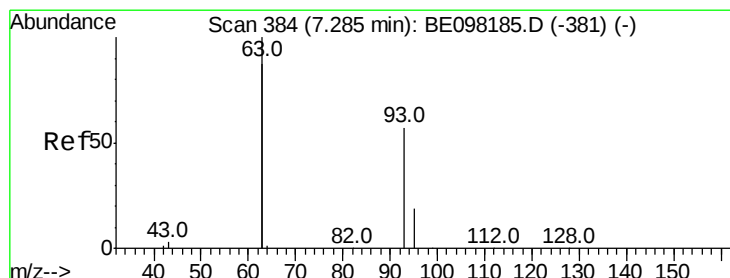
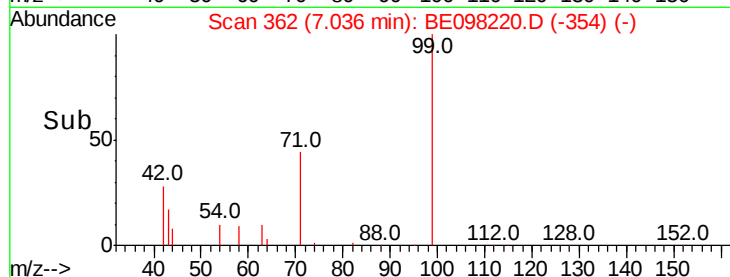
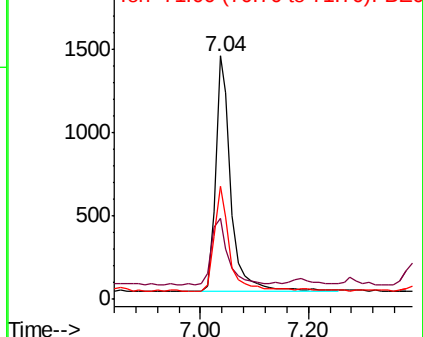
71 43.4 37.0 55.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

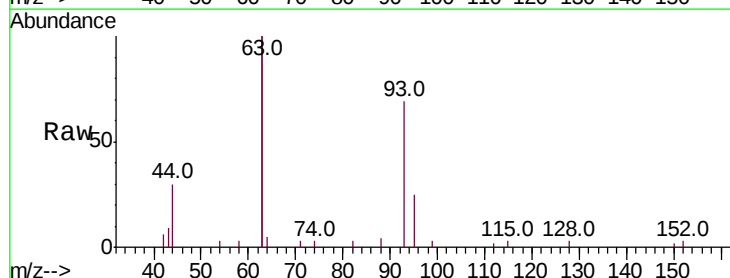
Tgt Ion: 93 Resp: 2133

Ion Ratio Lower Upper

93 100

63 333.8 272.6 409.0

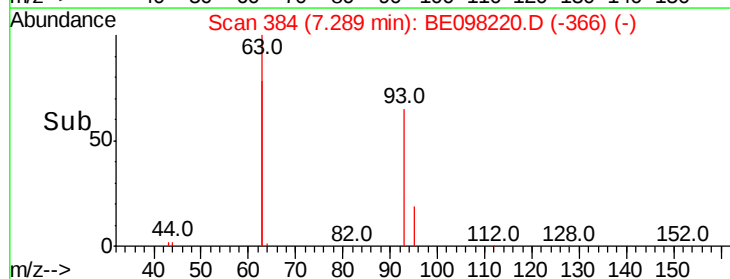
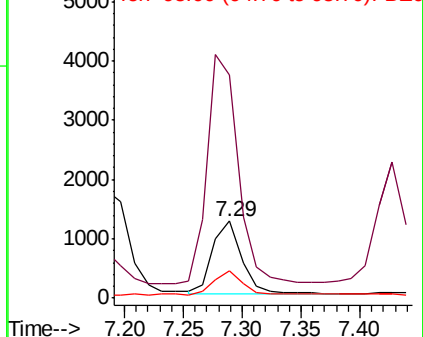
95 33.8 27.1 40.7

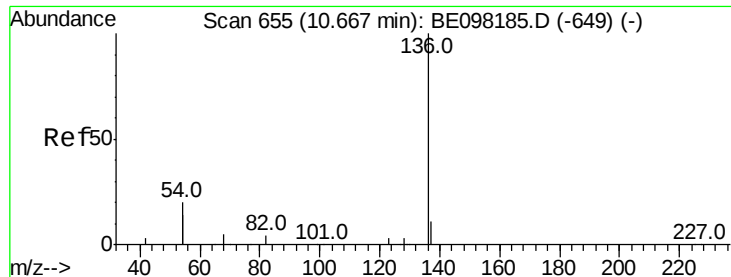


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

Tot Ion:136 Resp: 7567

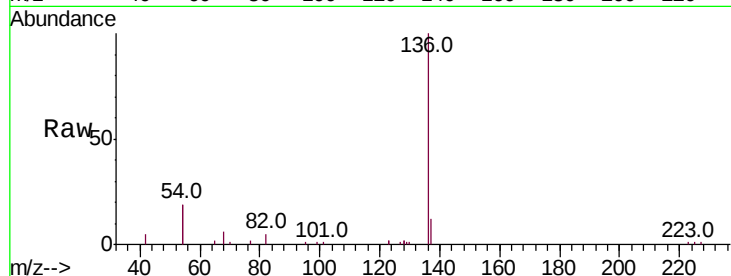
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 38.5 31.3 46.9

68 6.2 4.8 7.2

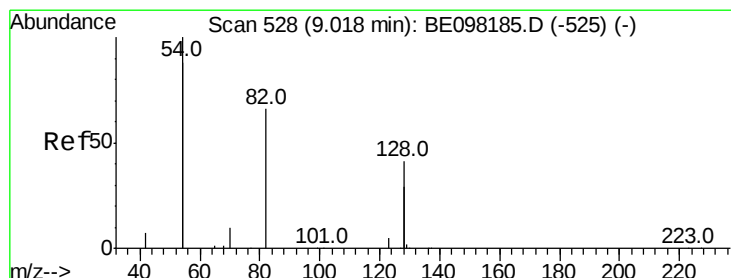
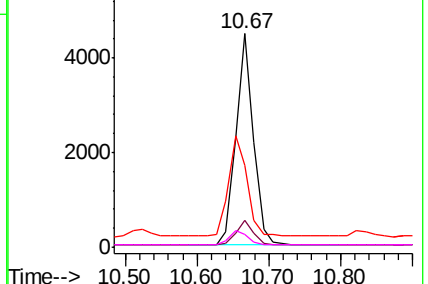
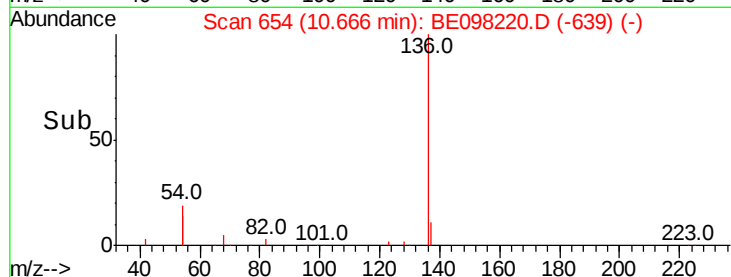


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

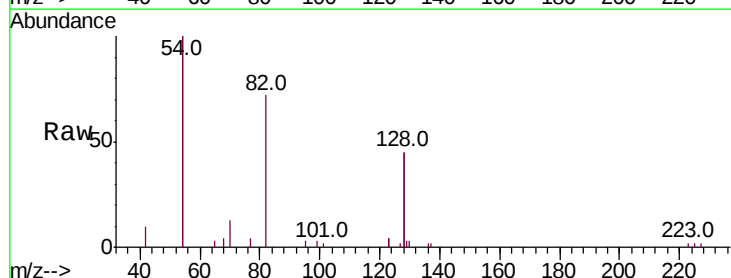
Tgt Ion: 82 Resp: 2989

Ion Ratio Lower Upper

82 100

128 124.5 96.1 144.1

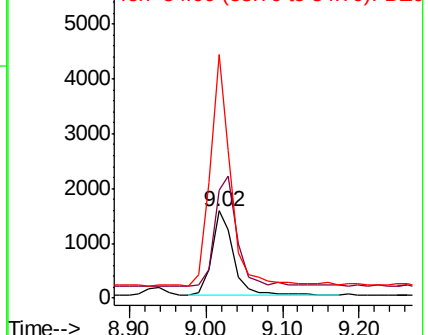
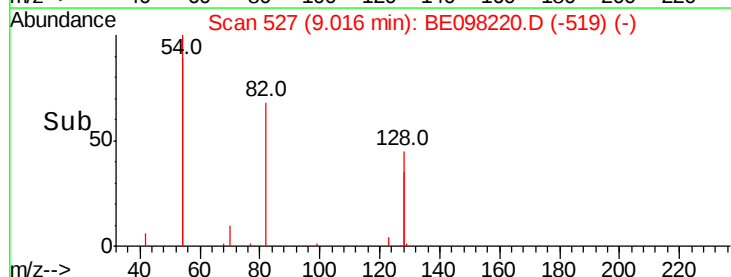
54 279.5 232.0 348.0

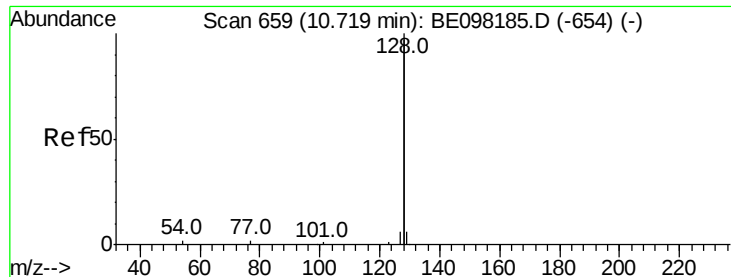


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.387 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

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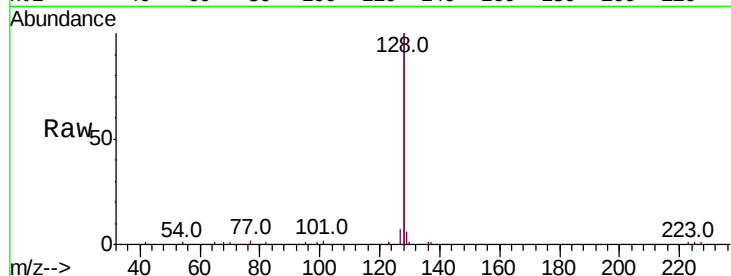
Tot Ion:128 Resp: 29752

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

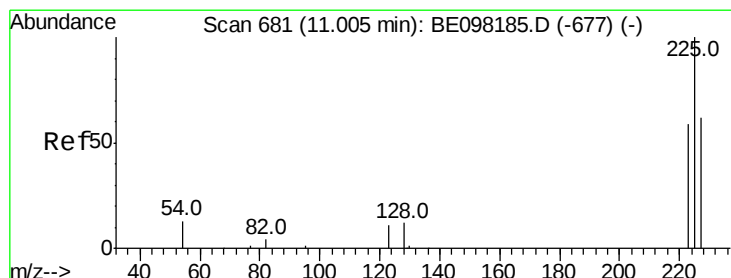
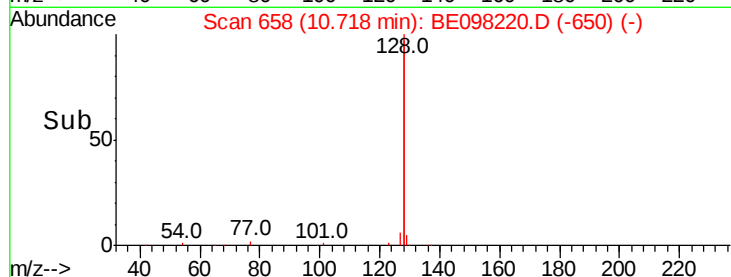
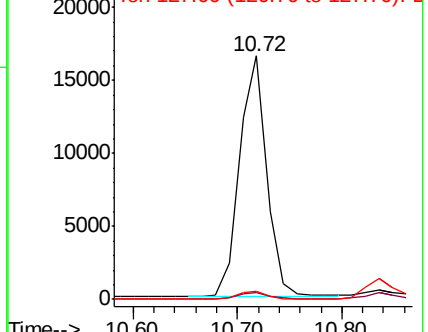
127 3.3 2.8 4.2



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: 0.381 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

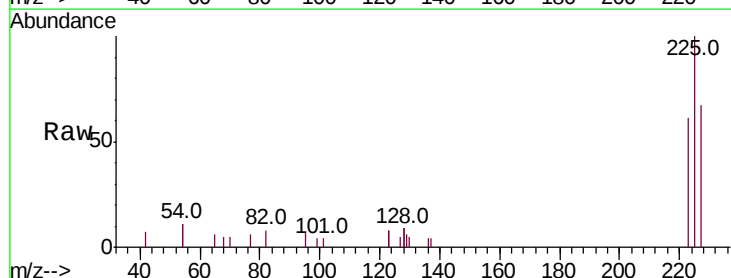
Tgt Ion:225 Resp: 1821

Ion Ratio Lower Upper

225 100

223 60.2 50.5 75.7

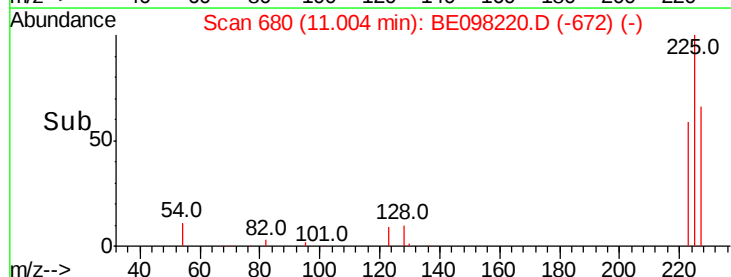
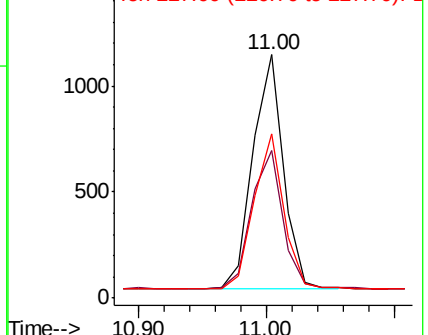
227 64.3 50.3 75.5

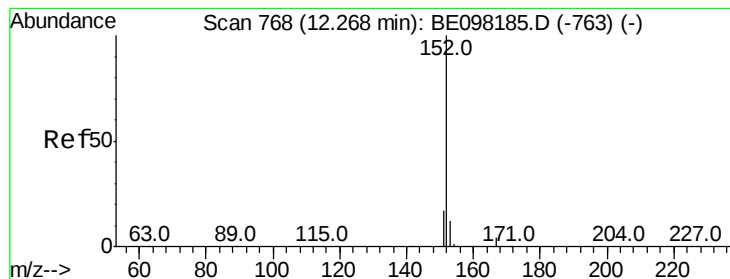


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

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ClientSampleId :

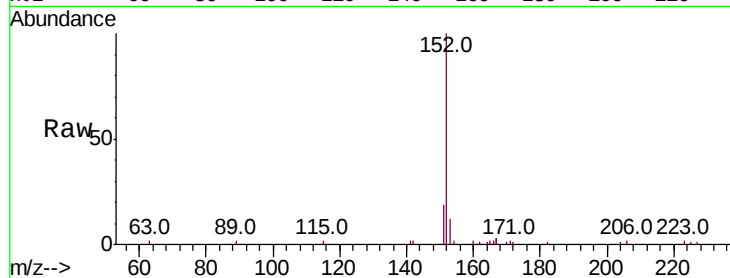
PB114778BSD

Tot Ion:152 Resp: 5107

Ion Ratio Lower Upper

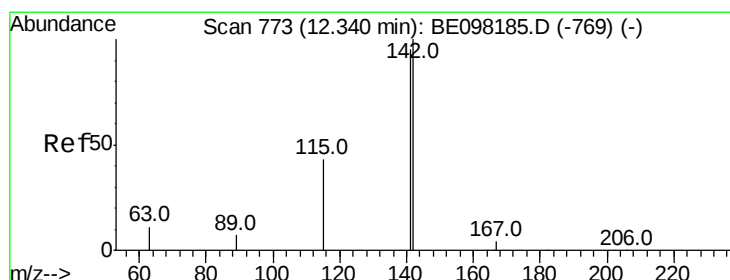
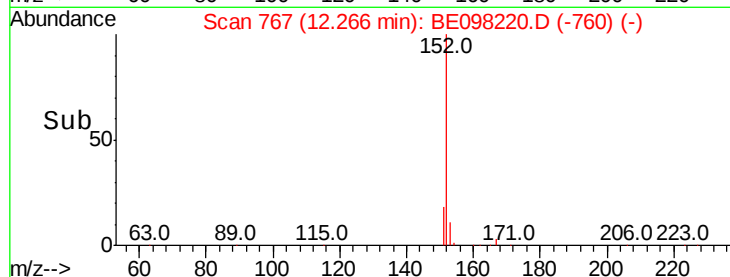
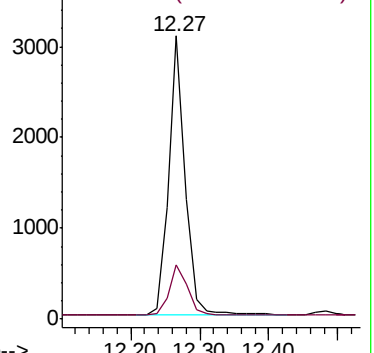
152 100

151 20.4 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: 0.391 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

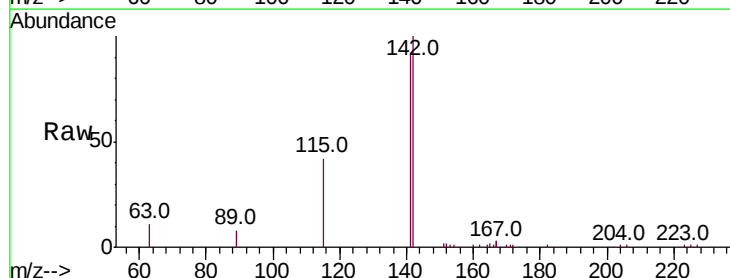
Tgt Ion:142 Resp: 5226

Ion Ratio Lower Upper

142 100

141 92.0 76.3 114.5

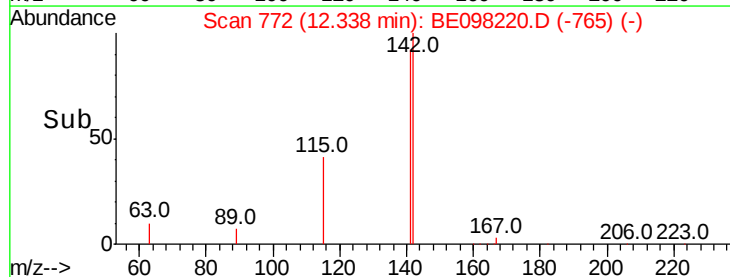
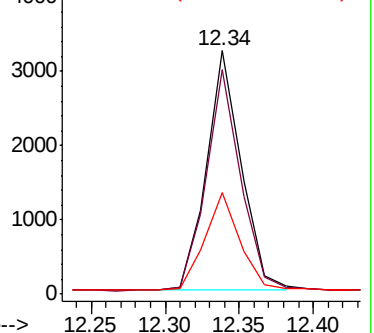
115 41.9 35.8 53.8

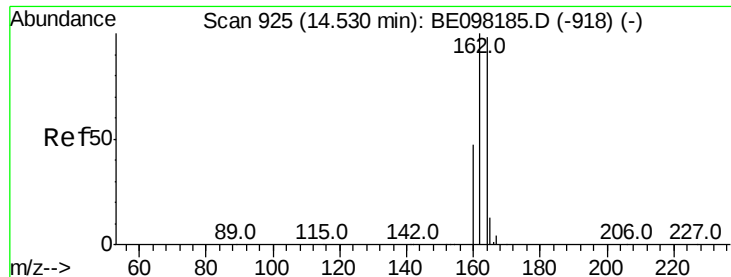


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

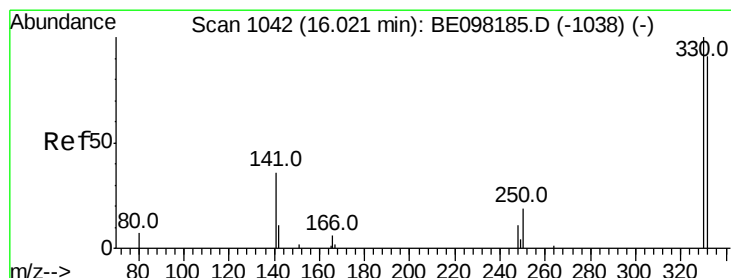
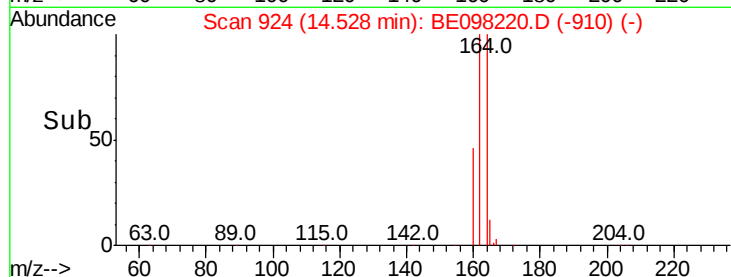
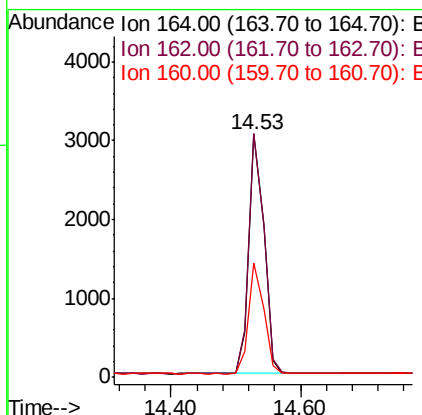
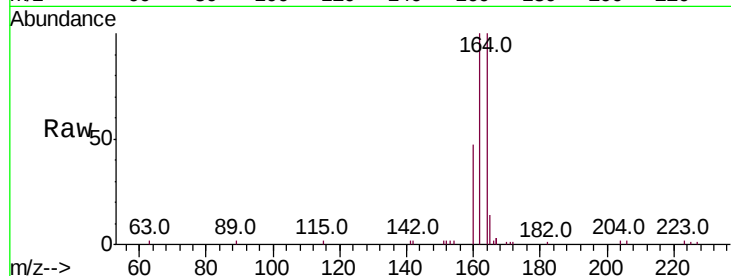




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

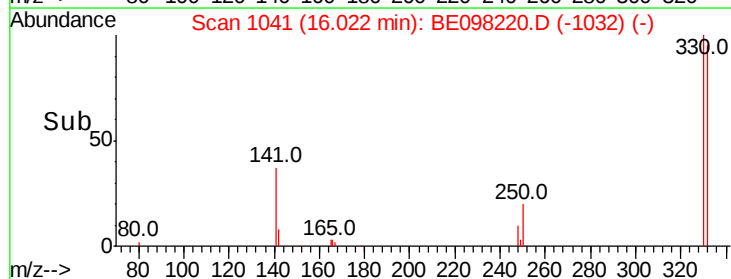
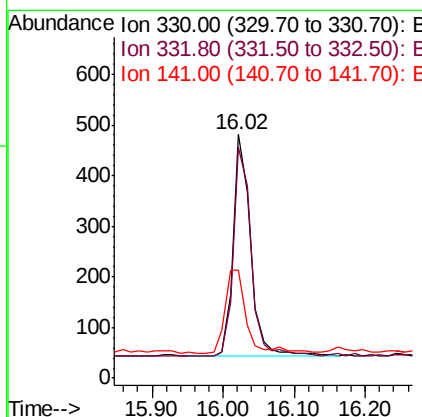
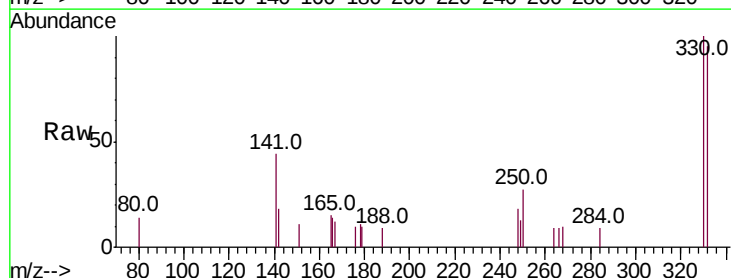
Instrument :
BNA_E
ClientSampleId :
PB114778BSD

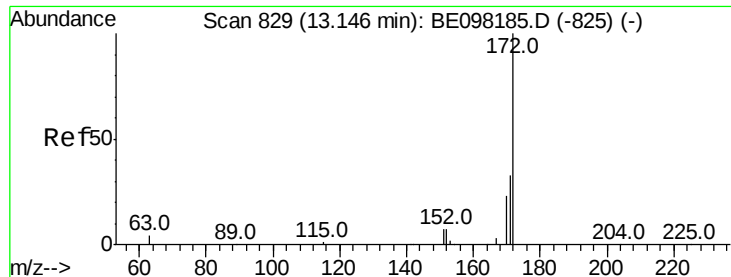
Tot Ion:164 Resp: 4899
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 47.1 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Tgt Ion:330 Resp: 756
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 42.3 33.6 50.4

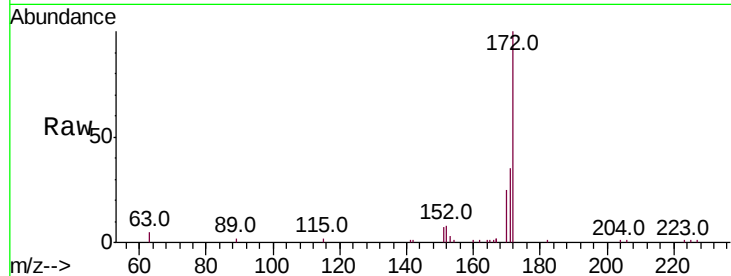




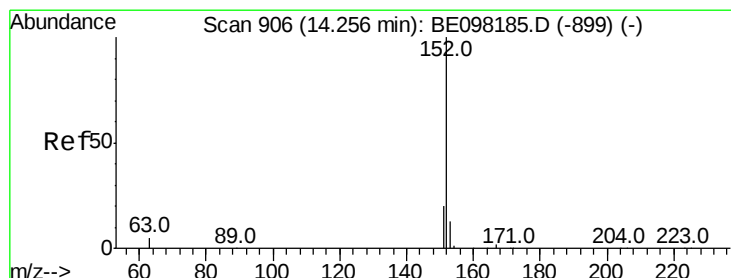
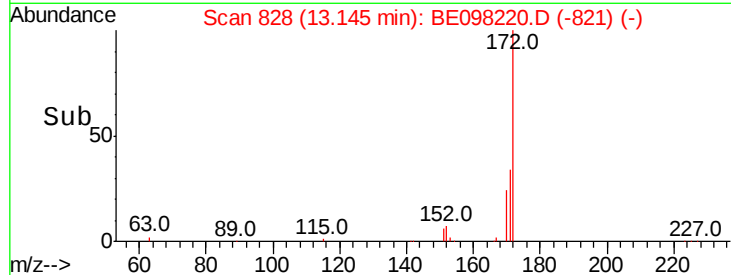
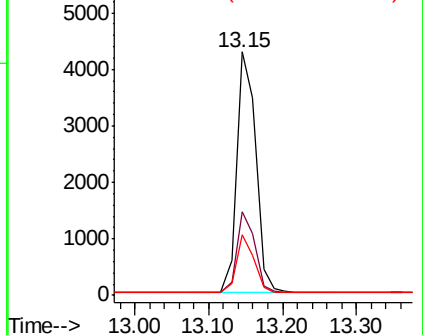
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_E
ClientSampleId :
PB114778BSD

Tot Ion:172 Resp: 7687
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 25.0 19.4 29.0

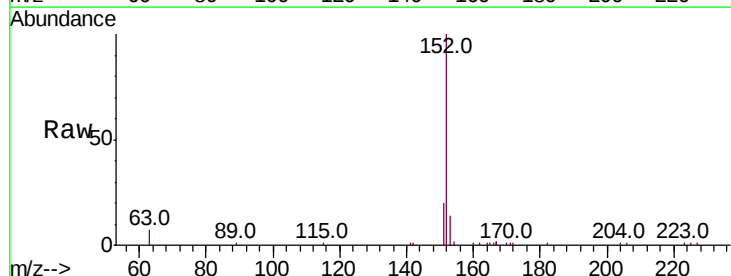


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

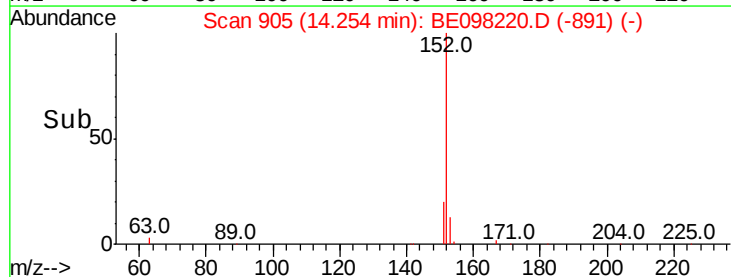
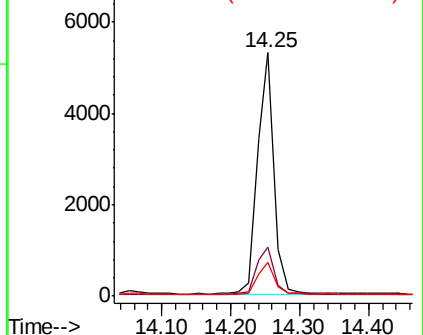


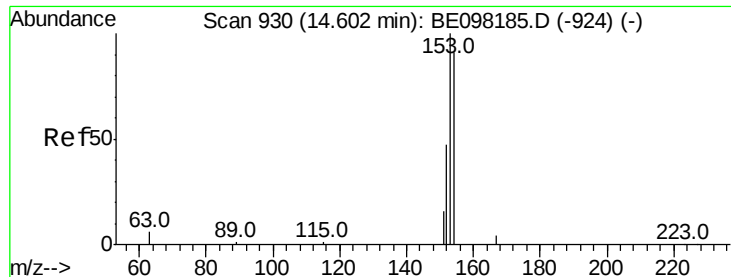
#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Tgt Ion:152 Resp: 8813
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.2 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

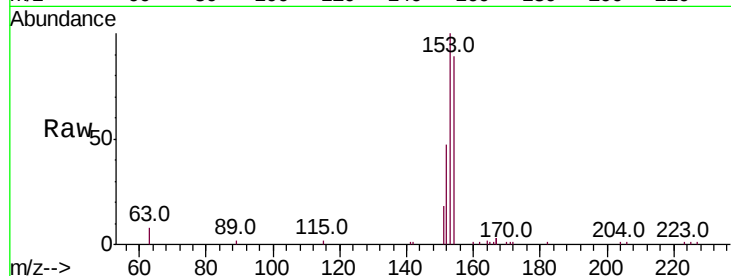




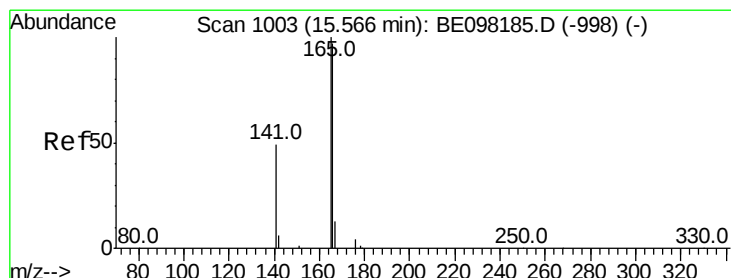
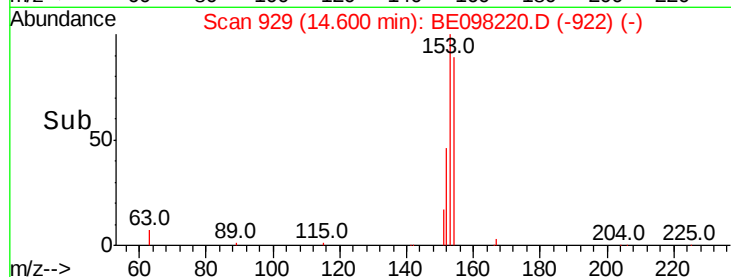
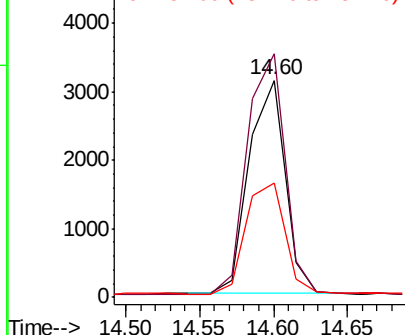
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_E
ClientSampleId :
PB114778BSD

Tot Ion:154 Resp: 5263
Ion Ratio Lower Upper
154 100
153 117.7 92.1 138.1
152 56.5 46.2 69.2

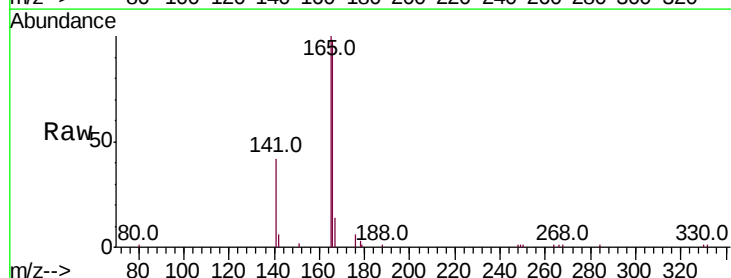


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

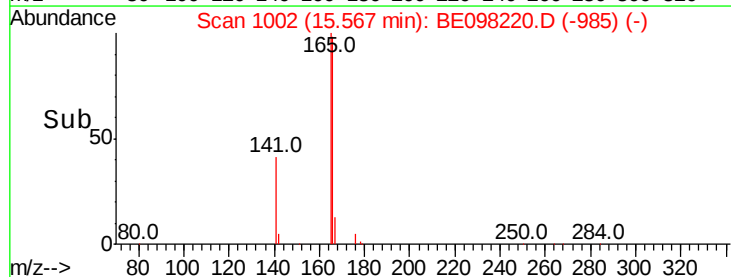
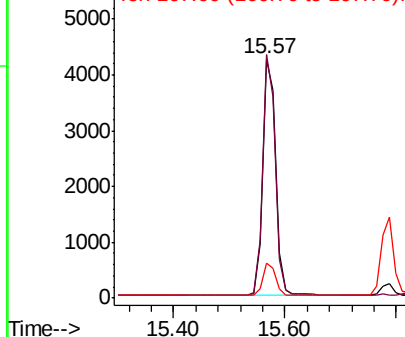


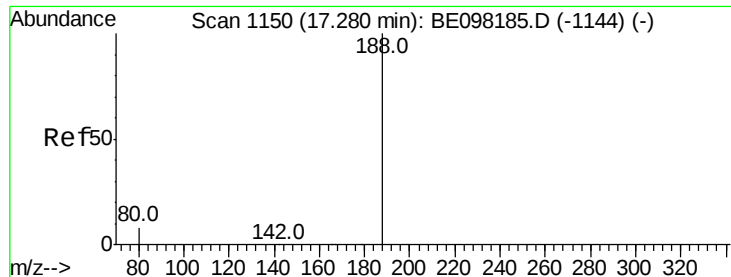
#18
Fluorene
Concen: 0.392 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Tgt Ion:166 Resp: 6881
Ion Ratio Lower Upper
166 100
165 99.4 80.1 120.1
167 13.8 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: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

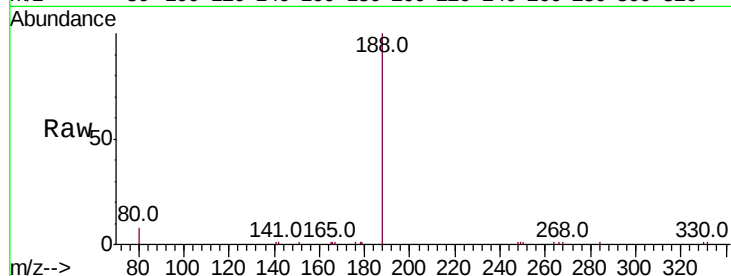
Tot Ion:188 Resp: 11487

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 6.7 10.1



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

10000

8000

6000

4000

2000

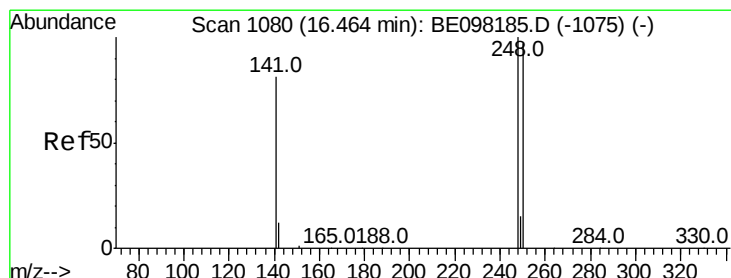
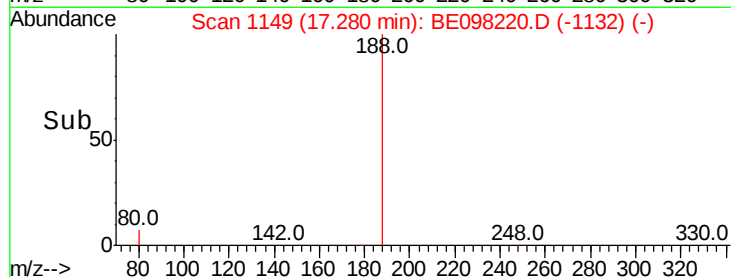
0

17.28

17.30

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

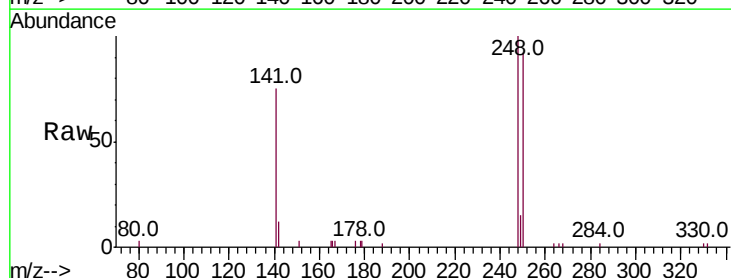
Tgt Ion:248 Resp: 2664

Ion Ratio Lower Upper

248 100

250 92.3 77.6 116.4

141 75.3 65.8 98.8



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

2500

2000

1500

1000

500

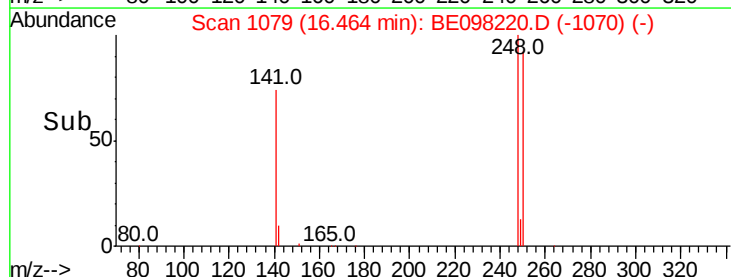
0

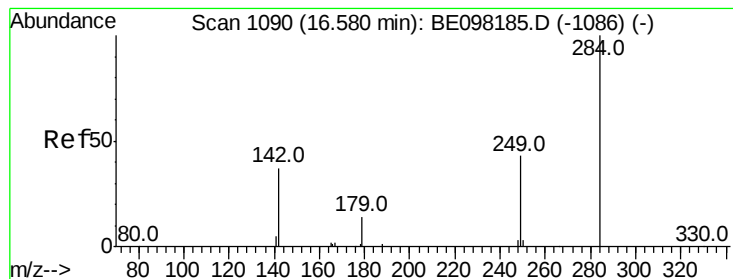
16.46

16.50

16.55

Time-->





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

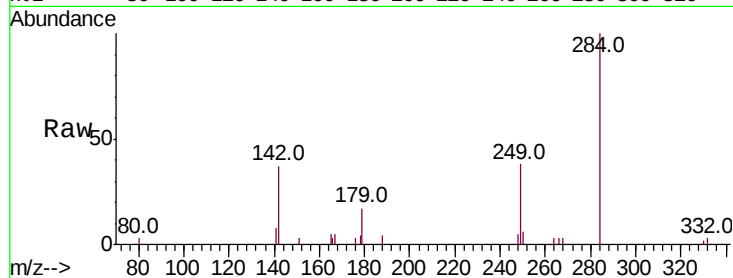
Tot Ion:284 Resp: 2786

Ion Ratio Lower Upper

284 100

142 34.4 26.5 39.7

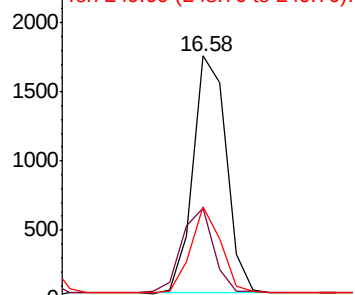
249 33.5 28.4 42.6



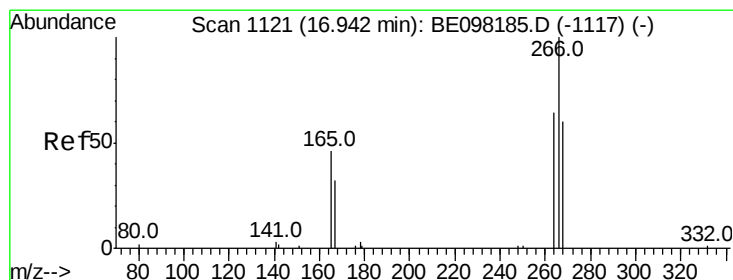
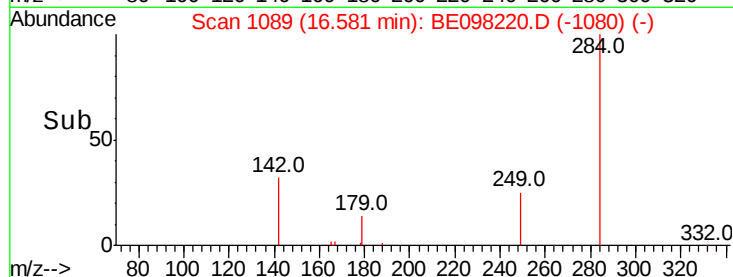
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.442 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

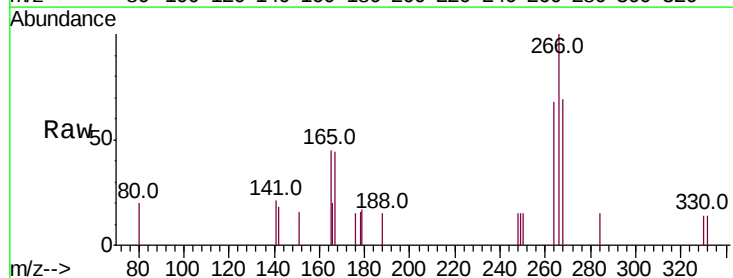
Tgt Ion:266 Resp: 588

Ion Ratio Lower Upper

266 100

264 67.5 57.6 86.4

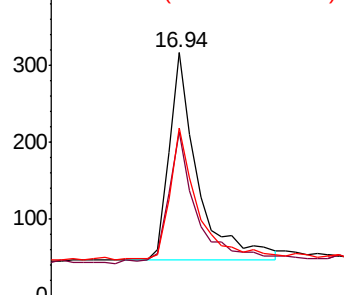
268 68.8 56.8 85.2



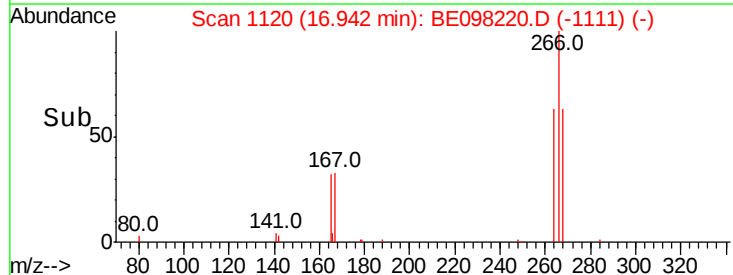
Abundance Ion 266.00 (265.70 to 266.70): E

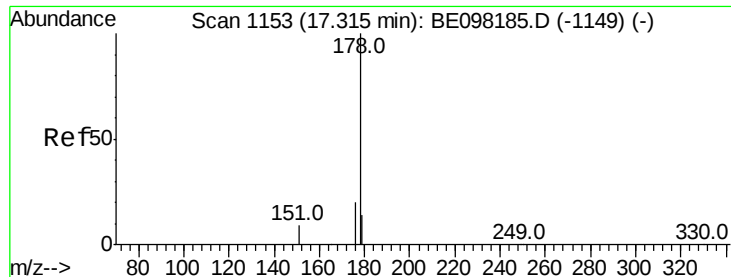
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

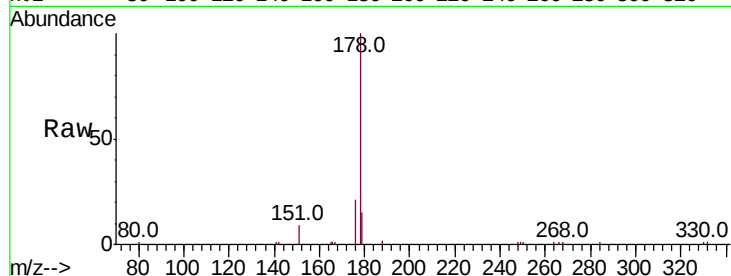
Tot Ion:178 Resp: 11295

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

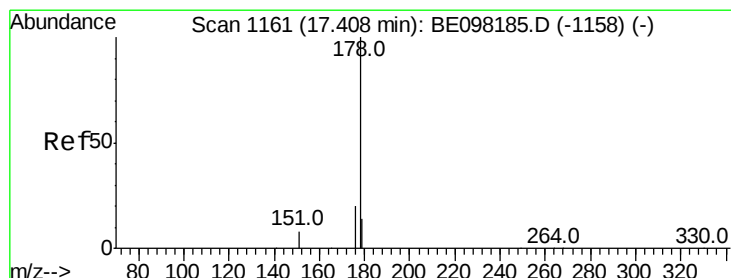
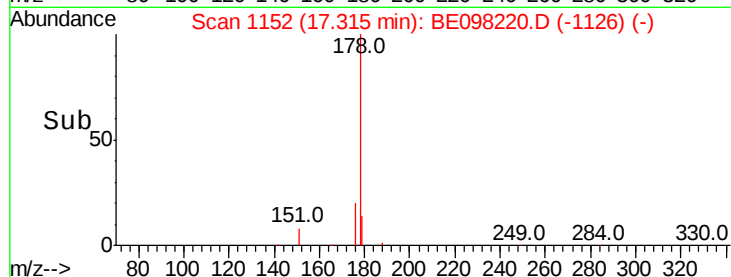
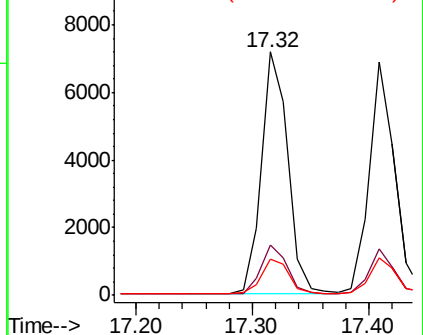
179 14.9 12.3 18.5



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: 0.388 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

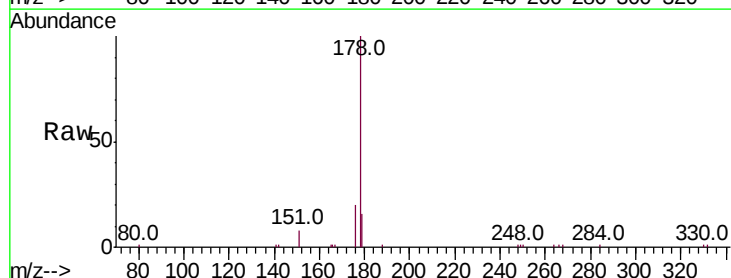
Tgt Ion:178 Resp: 10345

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

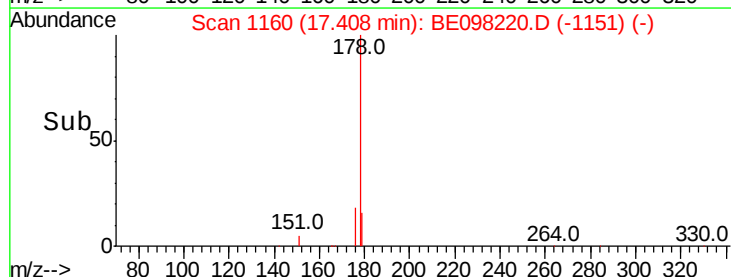
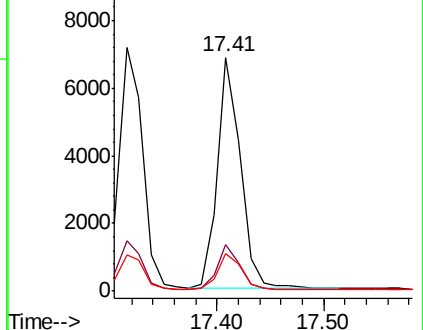
179 15.8 12.1 18.1

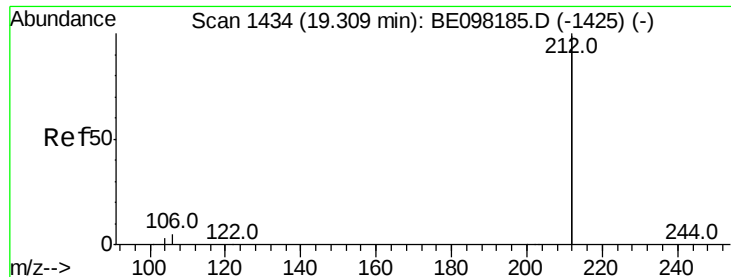


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

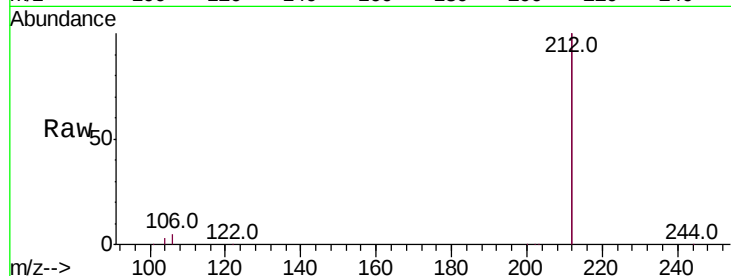
Tot Ion:212 Resp: 57081

Ion Ratio Lower Upper

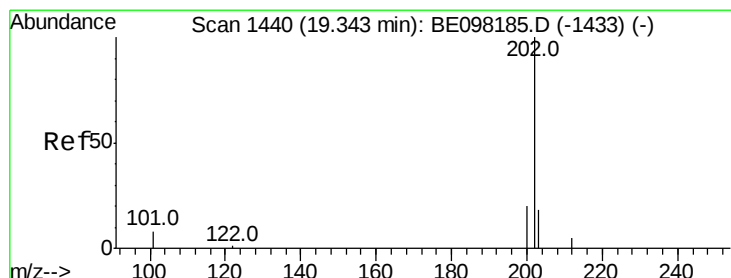
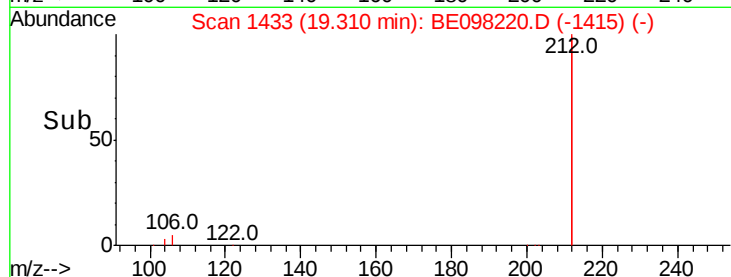
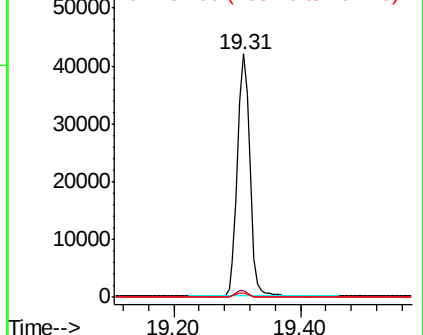
212 100

106 2.6 1.8 2.8

104 1.5 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: 0.398 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

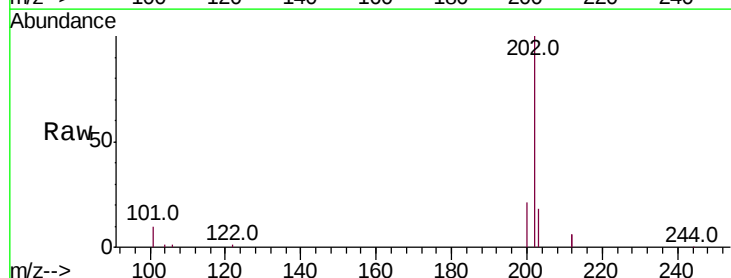
Tgt Ion:202 Resp: 14101

Ion Ratio Lower Upper

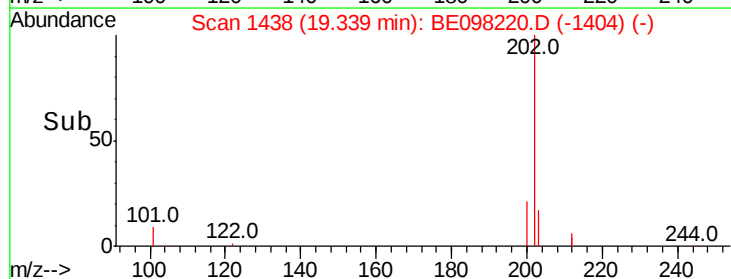
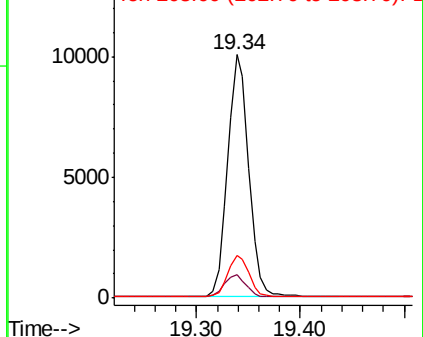
202 100

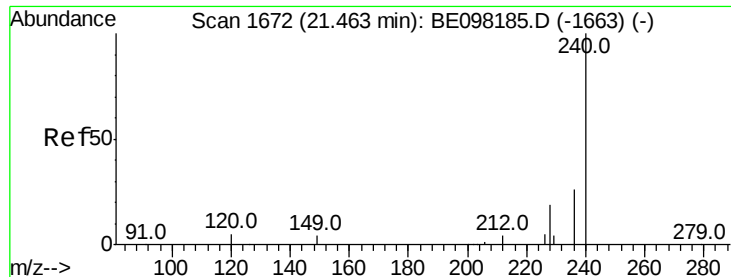
101 9.8 7.0 10.6

203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

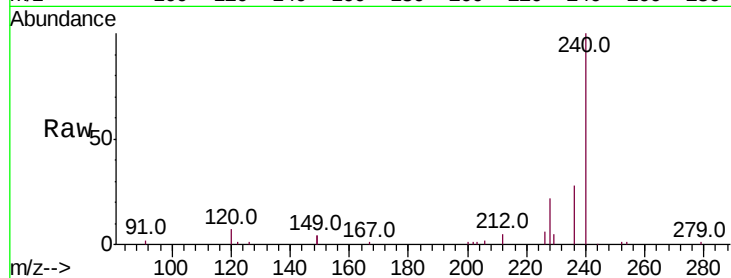
Tot Ion:240 Resp: 13631

Ion Ratio Lower Upper

240 100

120 7.4 4.8 7.2#

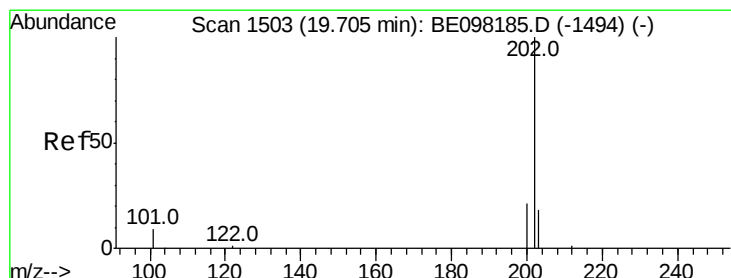
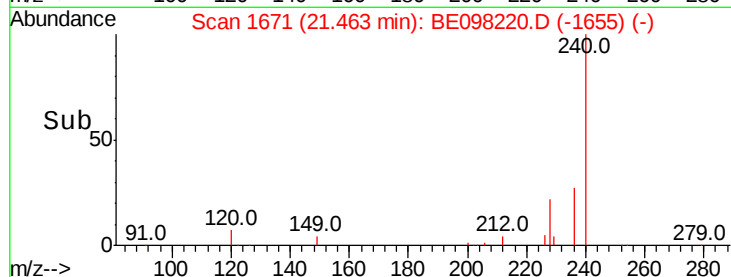
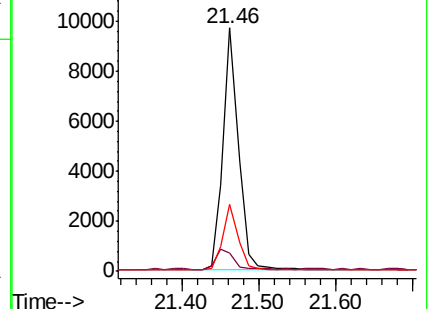
236 27.7 21.4 32.0



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: 0.387 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

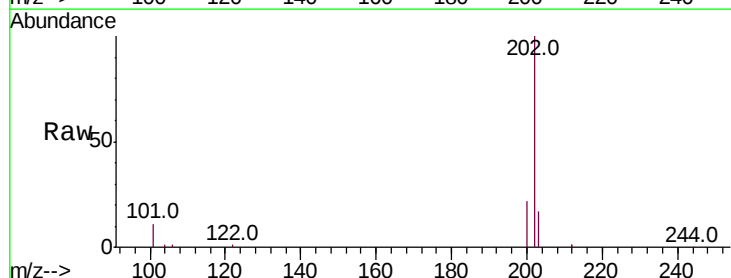
Tgt Ion:202 Resp: 14506

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

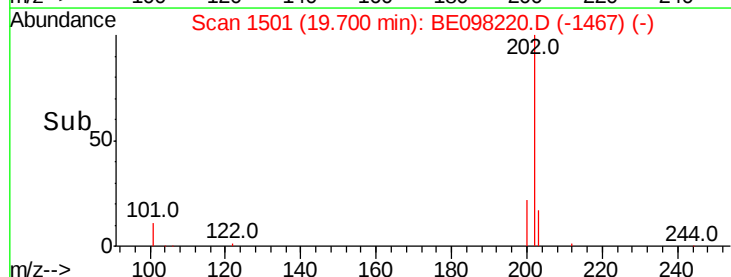
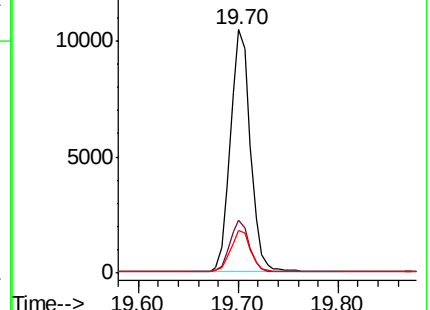
203 17.2 14.2 21.4

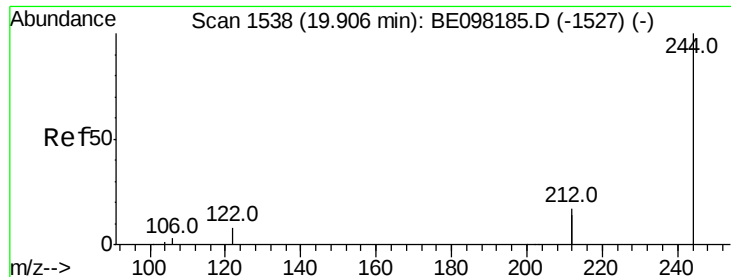


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.369 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

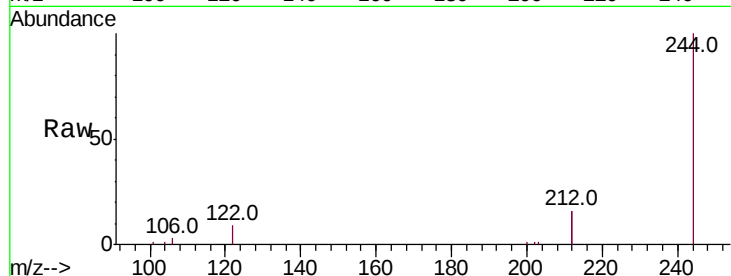
Tot Ion:244 Resp: 11411

Ion Ratio Lower Upper

244 100

212 32.2 26.8 40.2

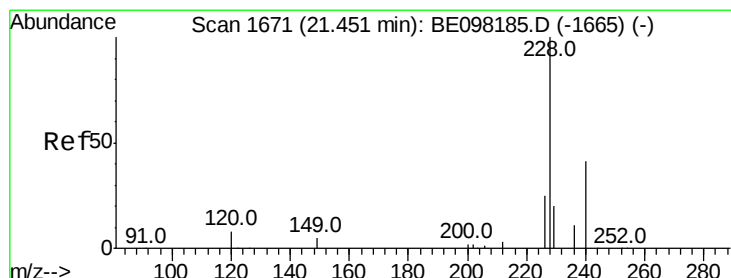
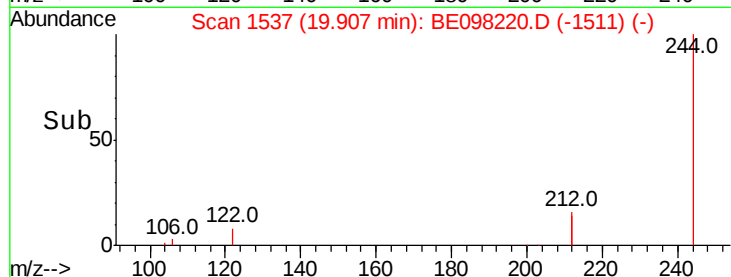
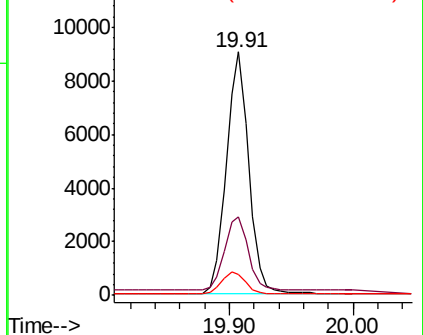
122 8.8 7.0 10.6



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: 0.380 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

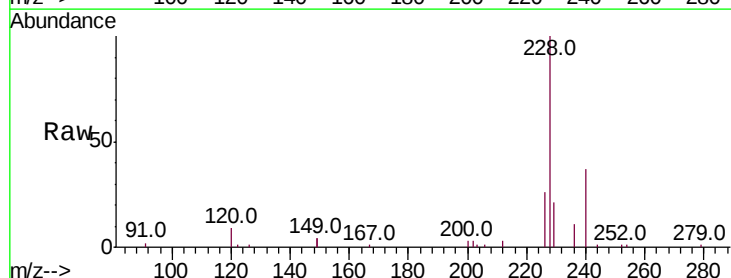
Tgt Ion:228 Resp: 14716

Ion Ratio Lower Upper

228 100

226 26.4 20.7 31.1

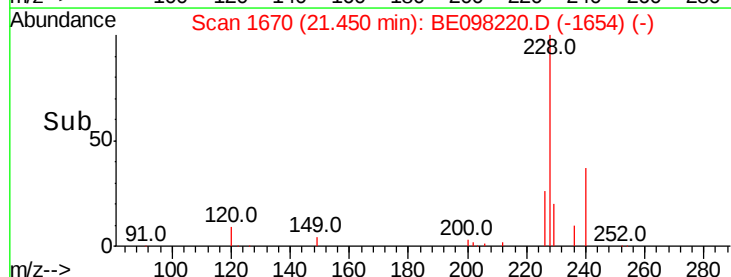
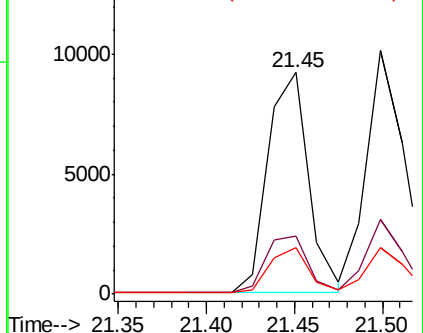
229 20.8 16.2 24.4

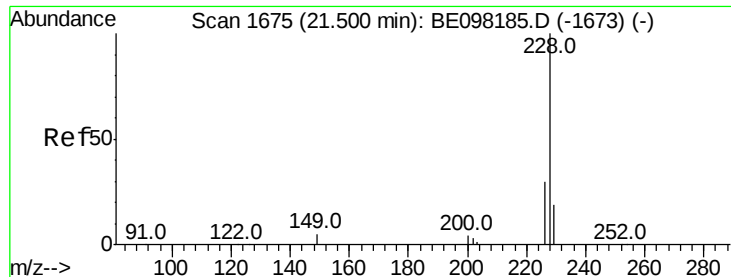


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.375 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

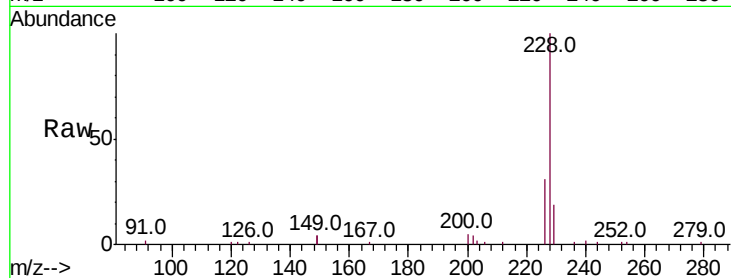
Tot Ion:228 Resp: 14753

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

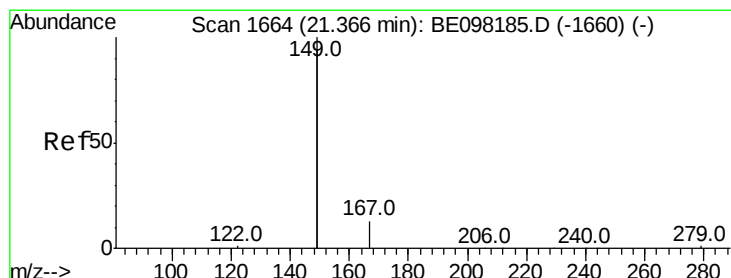
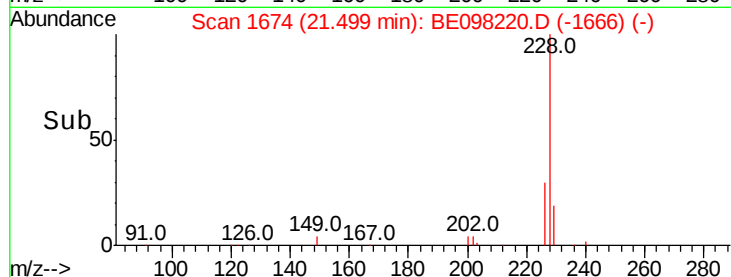
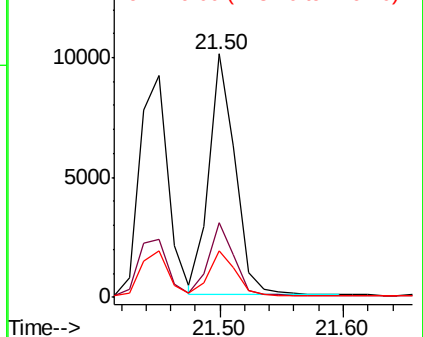
229 19.1 16.0 24.0



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: 0.421 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

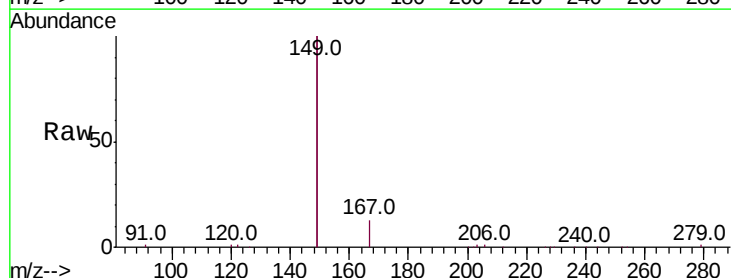
Tgt Ion:149 Resp: 33843

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

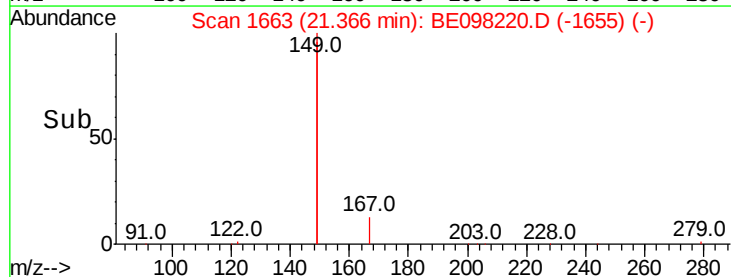
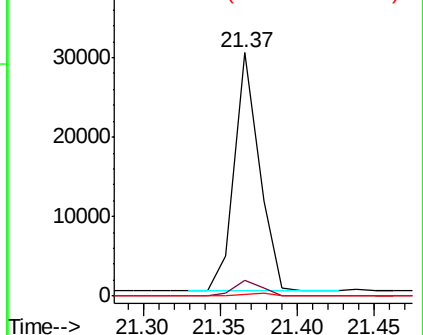
279 1.0 0.9 1.3

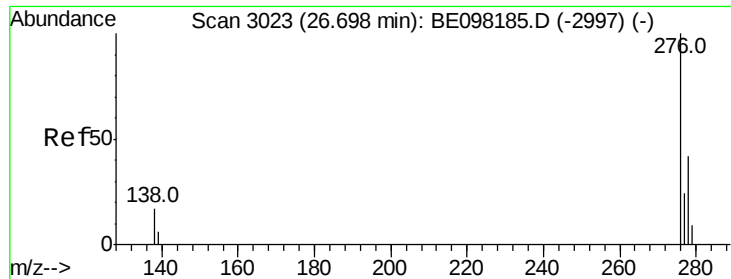


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.391 ng

RT: 26.71 min Scan# 3024

Delta R.T. 0.01 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

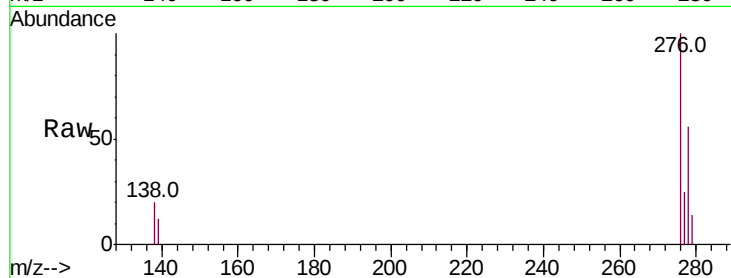
Tot Ion:276 Resp: 14094

Ion Ratio Lower Upper

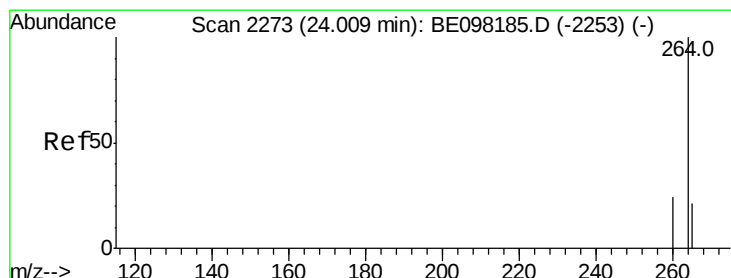
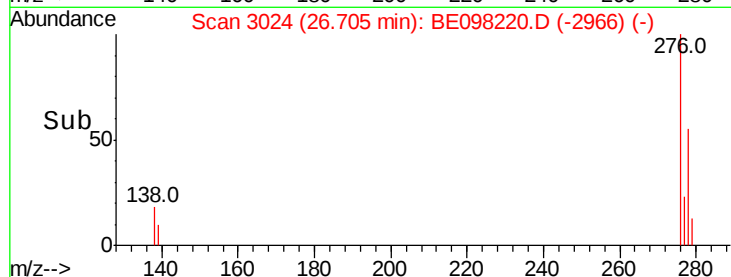
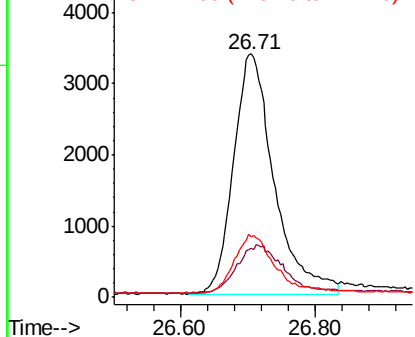
276 100

138 22.3 6.4 9.6#

277 24.4 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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

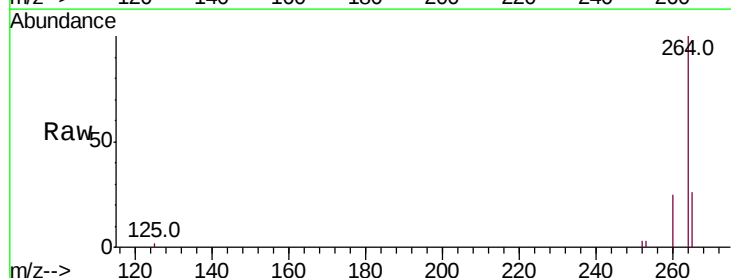
Tgt Ion:264 Resp: 12999

Ion Ratio Lower Upper

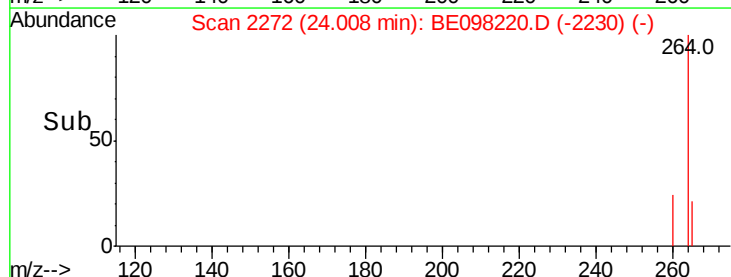
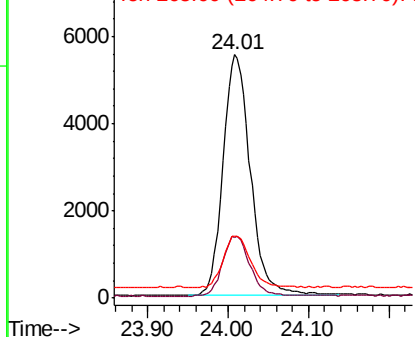
264 100

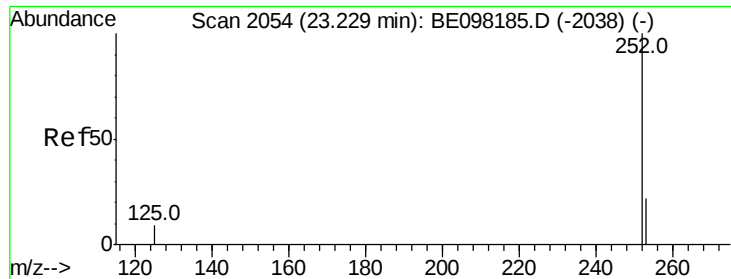
260 25.1 19.9 29.9

265 25.6 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: 0.376 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD

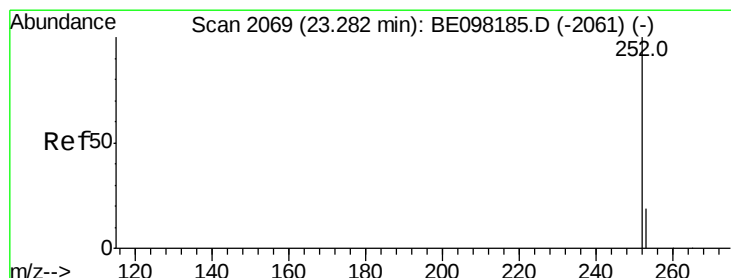
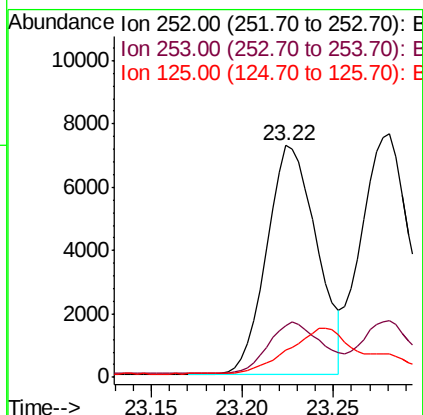
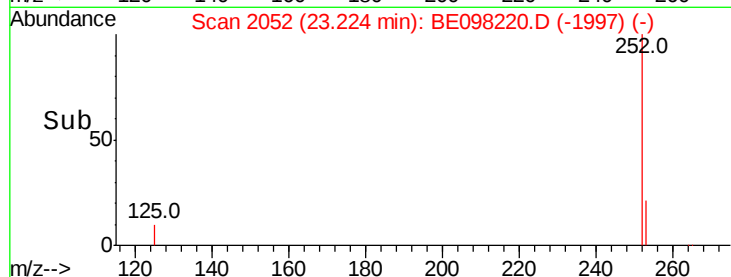
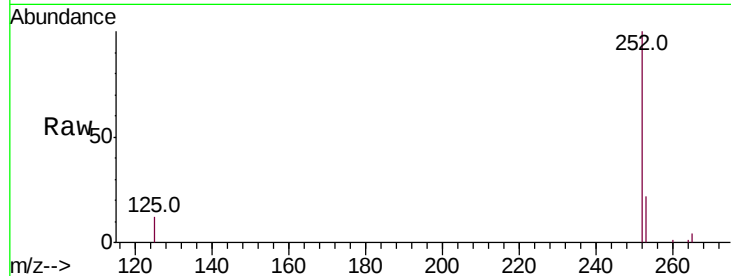
Tot Ion:252 Resp: 13875

Ion Ratio Lower Upper

252 100

253 22.3 19.4 29.0

125 11.6 8.6 12.8



#36

Benzo(k)fluoranthene

Concen: 0.379 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098220.D

Acq: 13 Nov 2018 22:11

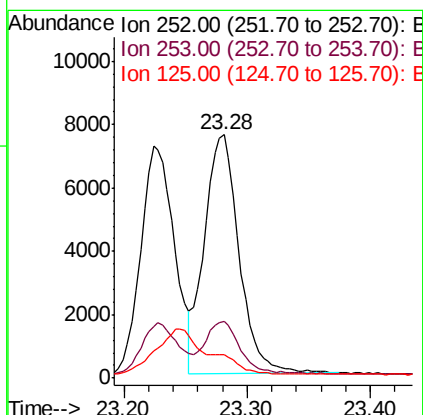
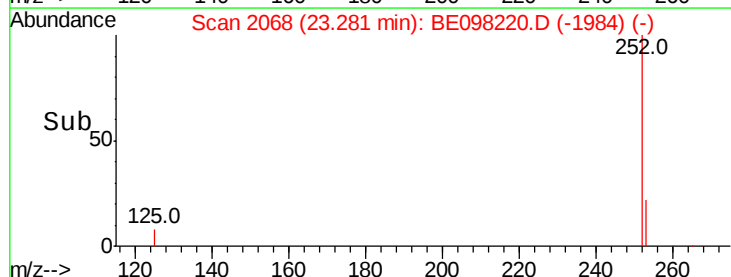
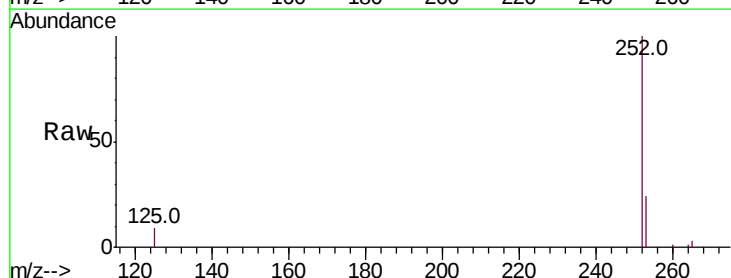
Tgt Ion:252 Resp: 14761

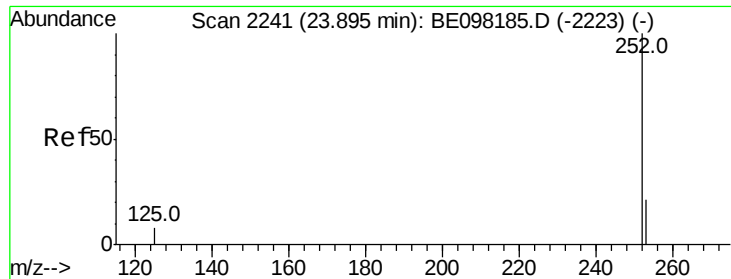
Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

125 9.4 7.4 11.0

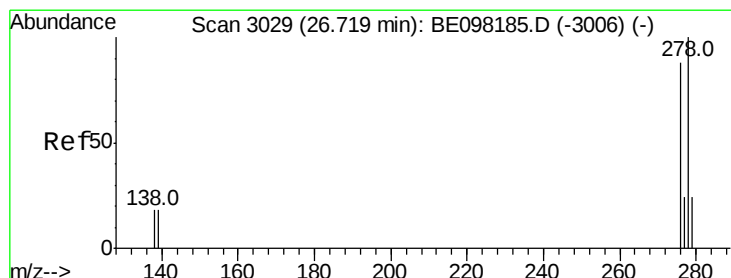
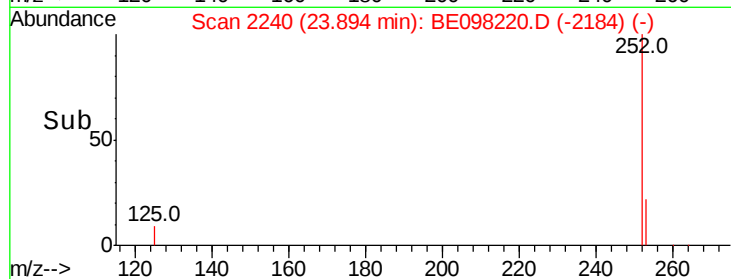
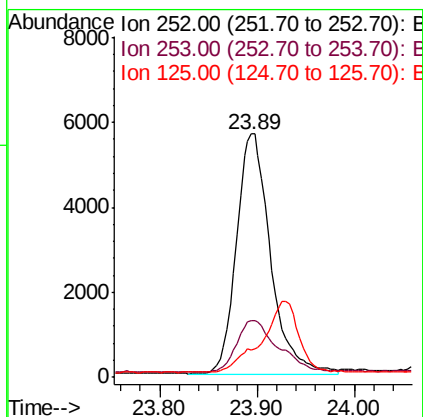
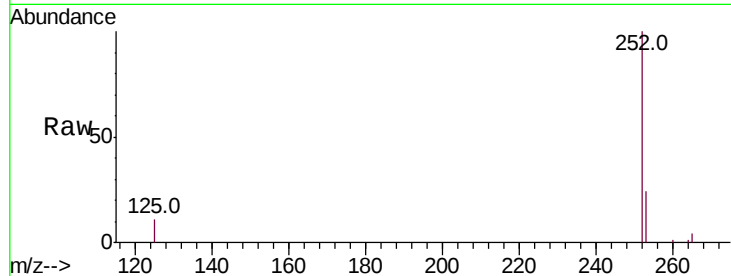




#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

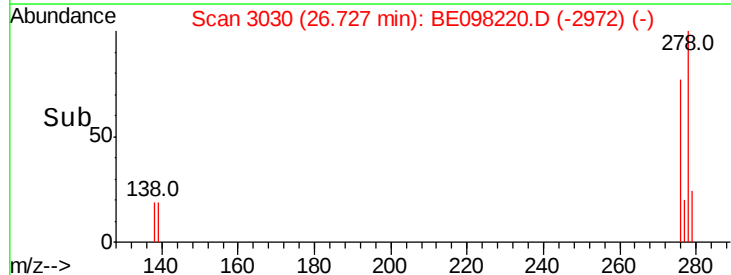
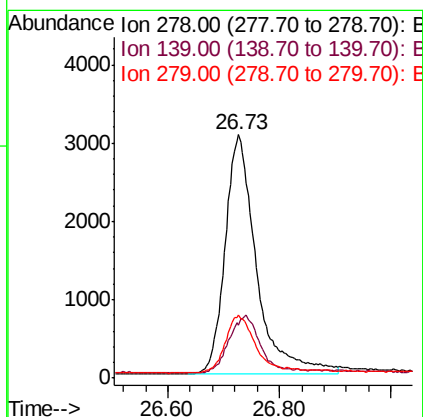
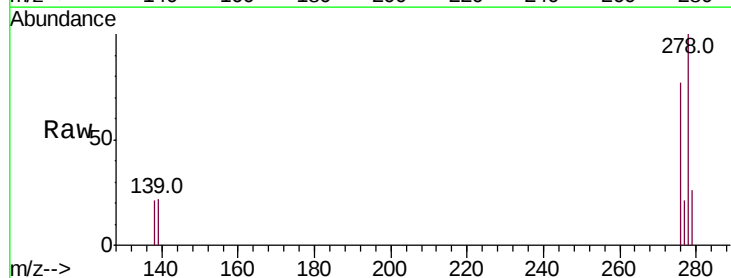
Instrument :
BNA_E
ClientSampleId :
PB114778BSD

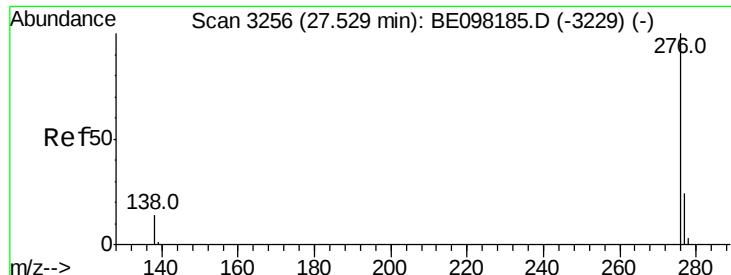
Tot Ion:252 Resp: 13652
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 11.1 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098220.D
Acq: 13 Nov 2018 22:11

Tgt Ion:278 Resp: 12031
Ion Ratio Lower Upper
278 100
139 21.7 16.4 24.6
279 25.8 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.53 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BE098220.D

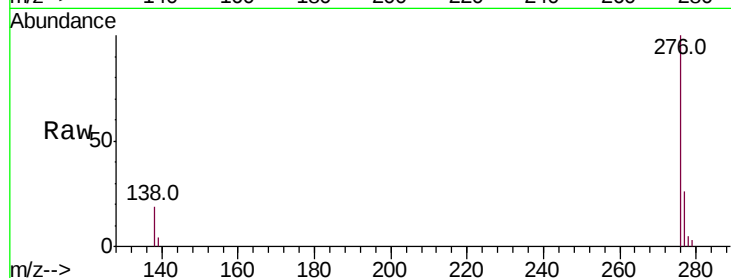
Acq: 13 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

PB114778BSD



Tot Ion:276 Resp: 12022

Ion Ratio Lower Upper

276 100

277 26.0 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

