

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
 Data File : BE098255.D
 Acq On : 21 Nov 2018 10:14
 Operator : SJ/JU
 Sample : PB114965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114965BS

Quant Time: Nov 21 10:45:32 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	7.86	152	1363	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5009	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2727	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7577	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9695	0.40	ng	0.00
34) Perylene-d12	24.02	264	8882	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1280	0.35	ng	0.00
5) Phenol-d6	7.05	99	1586	0.28	ng	0.01
8) Nitrobenzene-d5	9.02	82	1779	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3052	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	355	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4040	0.34	ng	0.00
25) Fluoranthene-d10	19.31	212	38727	0.42	ng	0.00
29) Terphenyl-d14	19.91	244	7152	0.32	ng	0.00

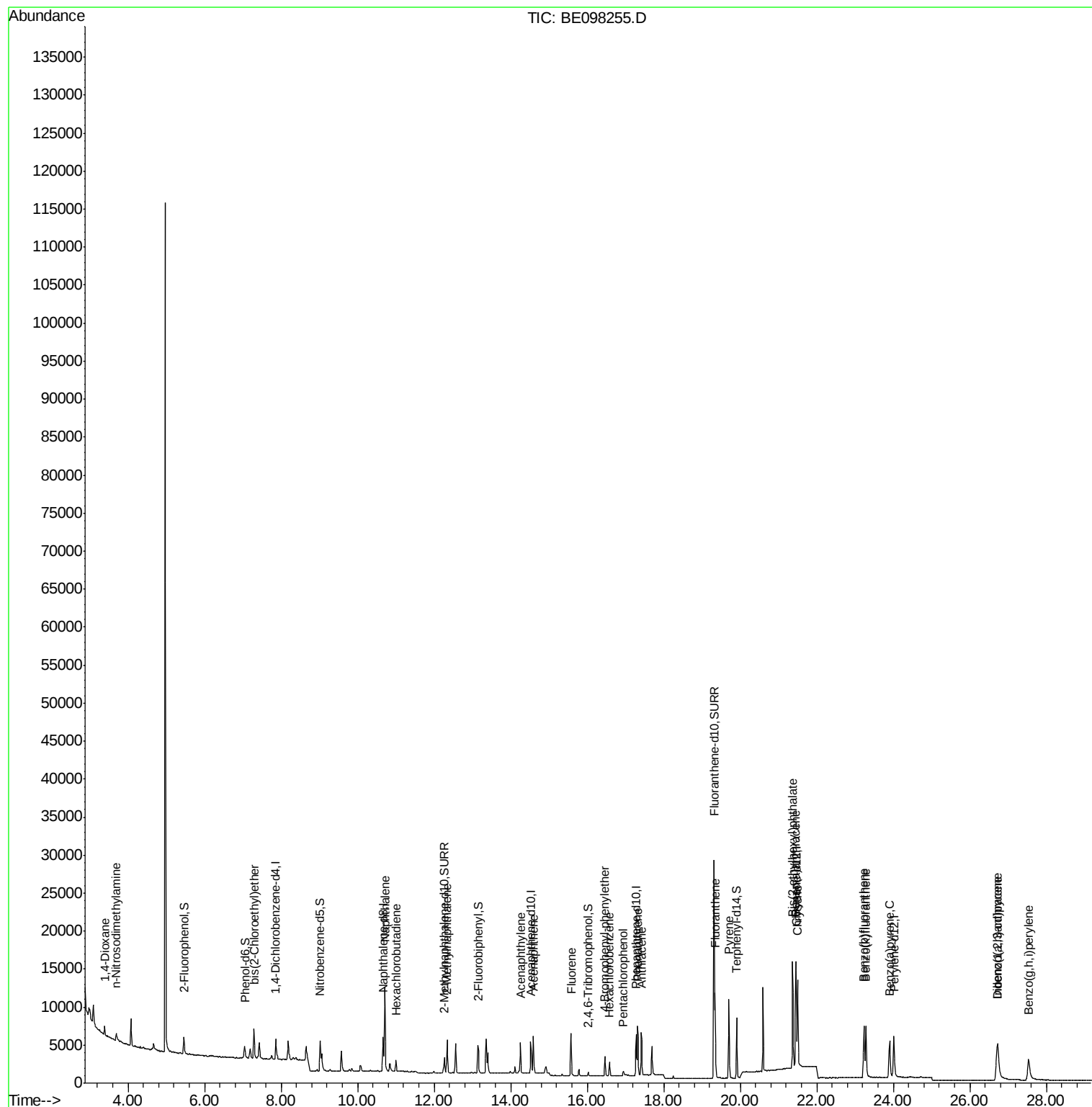
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	594	0.278	ng	# 72
3) n-Nitrosodimethylamine	3.70	42	848	0.353	ng	# 78
6) bis(2-Chloroethyl)ether	7.29	93	1506	0.306	ng	98
9) Naphthalene	10.72	128	19158	0.376	ng	100
10) Hexachlorobutadiene	11.00	225	1057	0.353	ng	98
12) 2-Methylnaphthalene	12.34	142	3154	0.351	ng	97
16) Acenaphthylene	14.25	152	4918	0.379	ng	97
17) Acenaphthene	14.60	154	2807	0.362	ng	98
18) Fluorene	15.58	166	3873	0.392	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1403	0.299	ng	95
21) Hexachlorobenzene	16.58	284	1450	0.300	ng	98
22) Pentachlorophenol	16.94	266	469	0.597	ng	99
23) Phenanthrene	17.32	178	7329	0.376	ng	100
24) Anthracene	17.41	178	6819	0.385	ng	97
26) Fluoranthene	19.34	202	10219	0.437	ng	99
28) Pyrene	19.70	202	10189	0.360	ng	99
30) Benzo(a)anthracene	21.45	228	10632	0.379	ng	99
31) Chrysene	21.50	228	10923	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	16358	0.374	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	9648	0.391	ng	# 73
35) Benzo(b)fluoranthene	23.23	252	10050	0.401	ng	99
36) Benzo(k)fluoranthene	23.28	252	10772	0.380	ng	98
37) Benzo(a)pyrene	23.90	252	9715	0.394	ng	96
38) Dibenzo(a,h)anthracene	26.73	278	7657	0.388	ng	97
39) Benzo(g,h,i)perylene	27.53	276	8489	0.399	ng	# 95

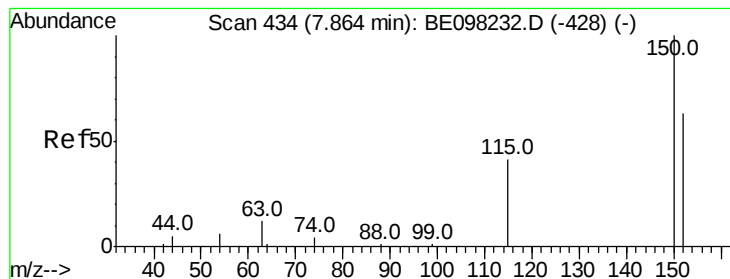
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

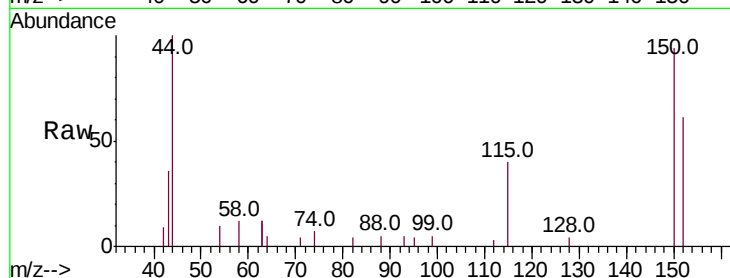
Tot Ion:152 Resp: 1363

Ion Ratio Lower Upper

152 100

150 154.1 127.5 191.3

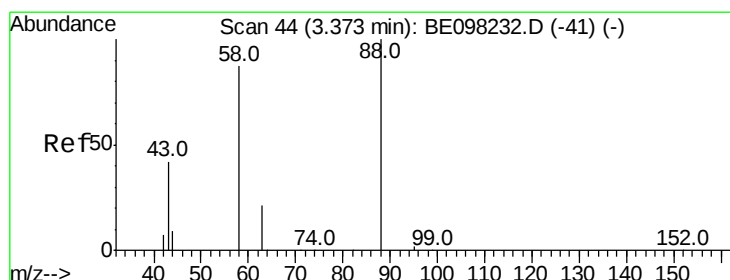
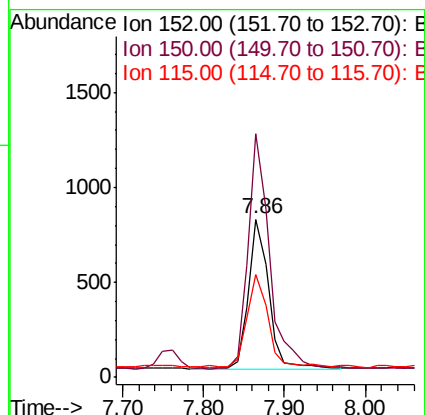
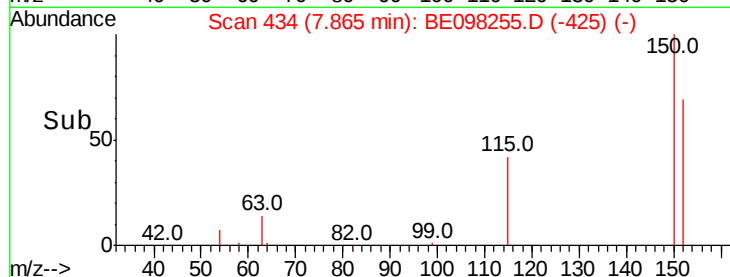
115 65.3 60.3 90.5



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: 0.278 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

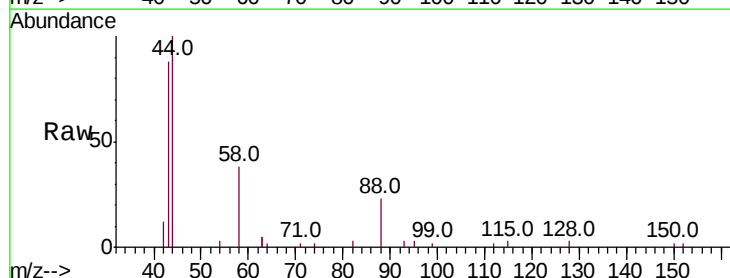
Tgt Ion: 88 Resp: 594

Ion Ratio Lower Upper

88 100

58 119.0 79.0 118.4#

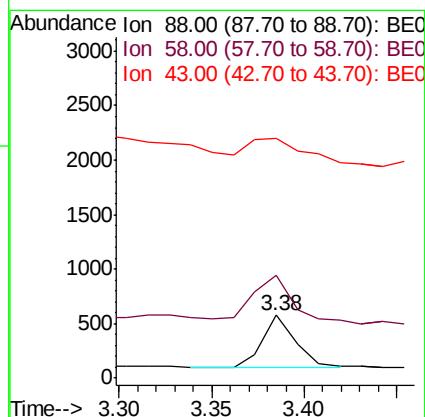
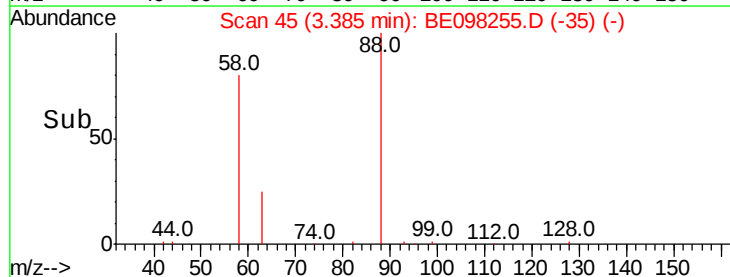
43 77.8 38.1 57.1#

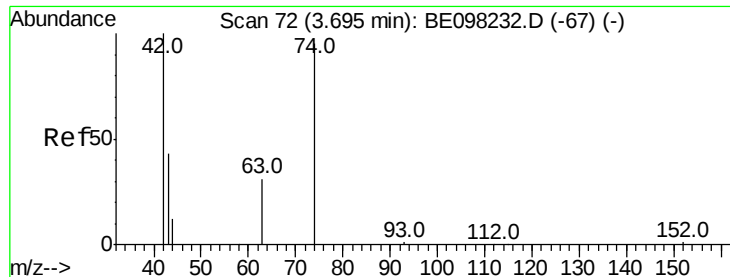


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

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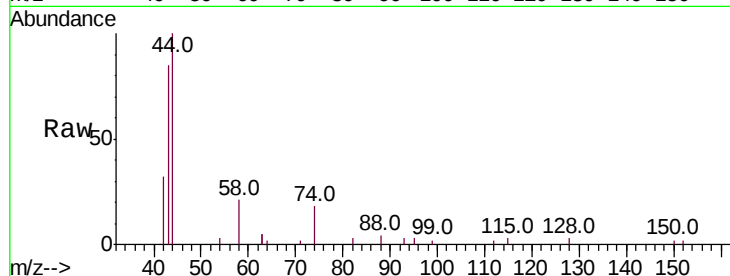
Tot Ion: 42 Resp: 848

Ion Ratio Lower Upper

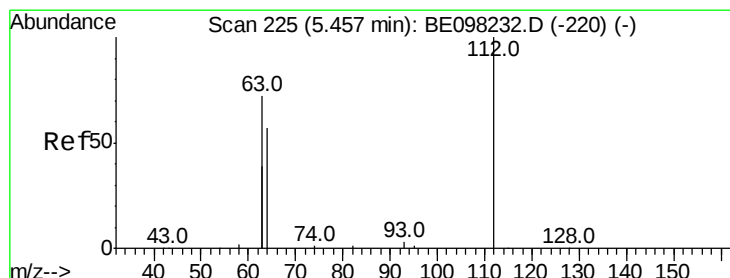
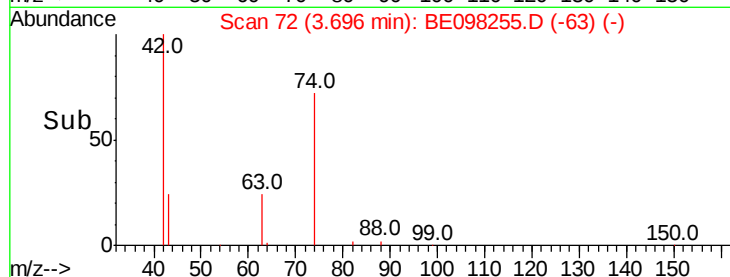
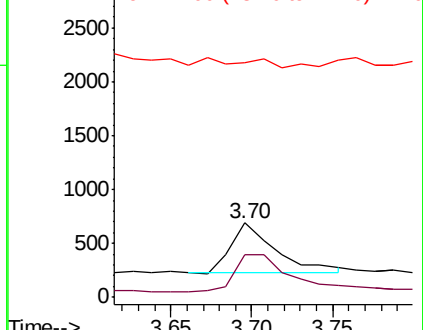
42 100

74 93.0 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: 0.350 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

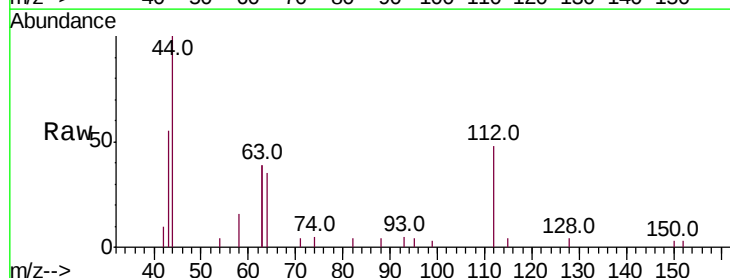
Tgt Ion: 112 Resp: 1280

Ion Ratio Lower Upper

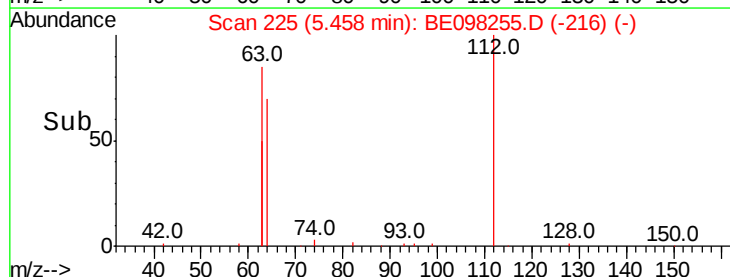
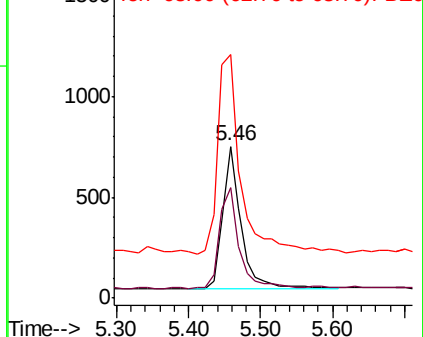
112 100

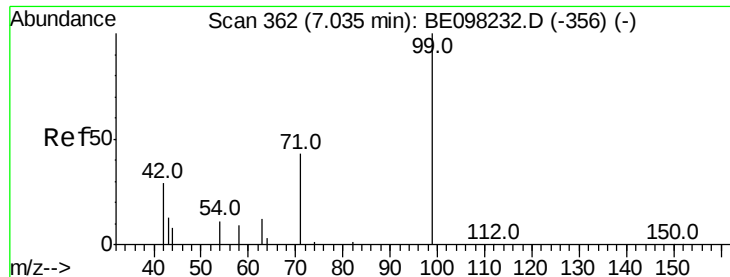
64 74.4 61.7 92.5

63 173.4 136.2 204.2



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: 0.276 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

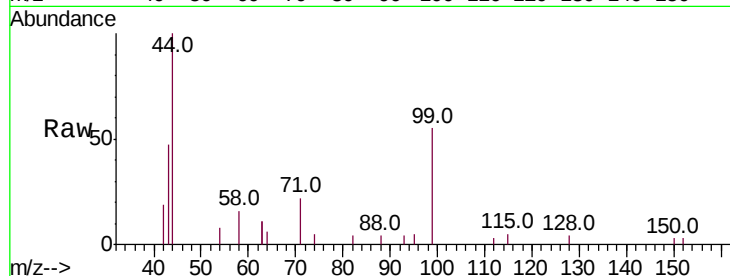
Tot Ion: 99 Resp: 1586

Ion Ratio Lower Upper

99 100

42 28.4 27.1 40.7

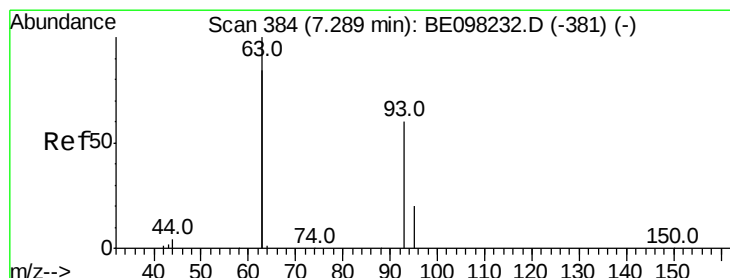
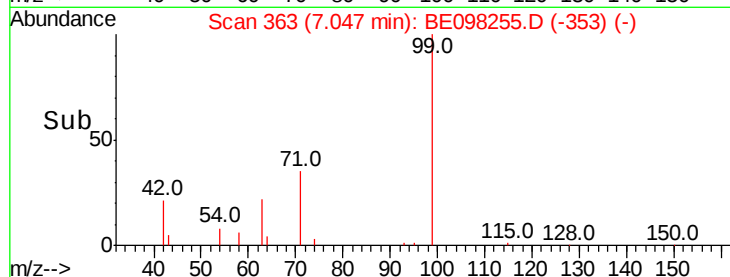
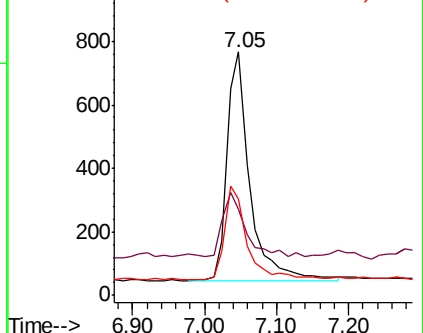
71 41.4 37.0 55.6



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: 0.306 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

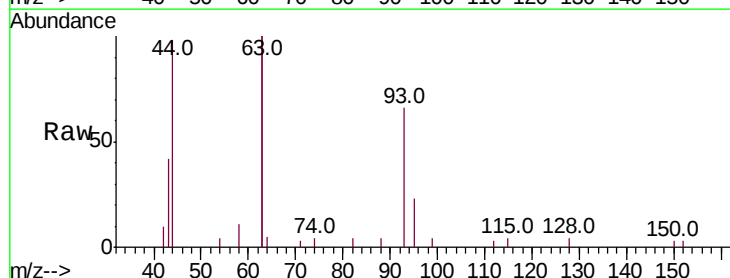
Tgt Ion: 93 Resp: 1506

Ion Ratio Lower Upper

93 100

63 344.7 272.6 409.0

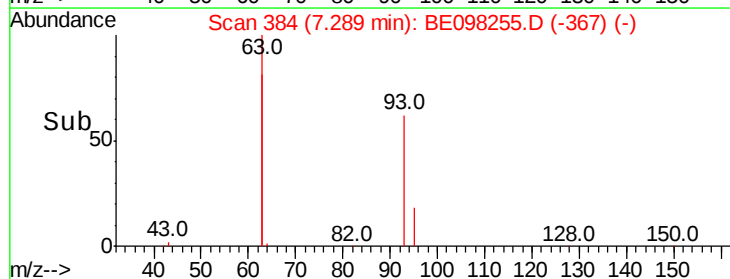
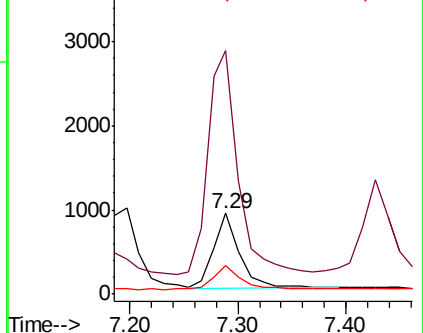
95 33.3 27.1 40.7

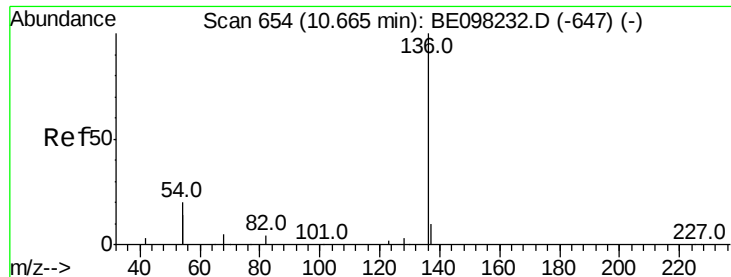


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

Tot Ion:136 Resp: 5009

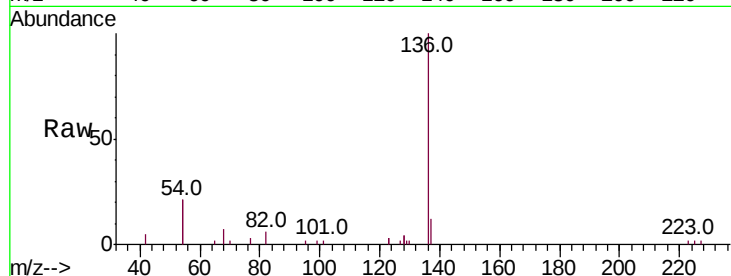
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 41.4 31.3 46.9

68 7.1 4.8 7.2

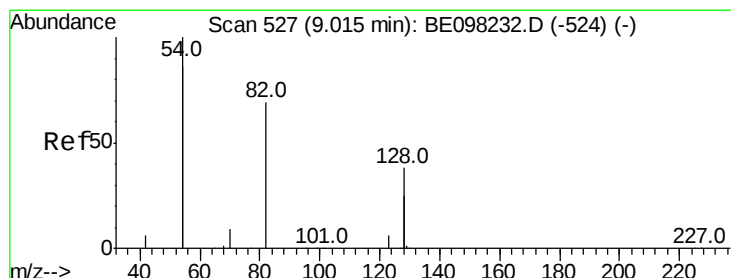
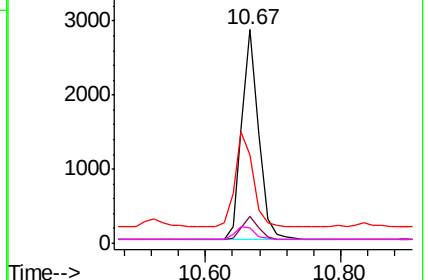
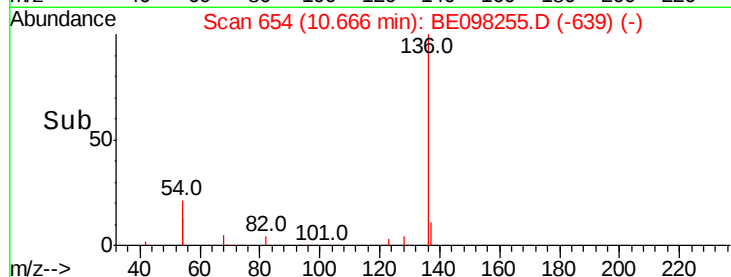


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

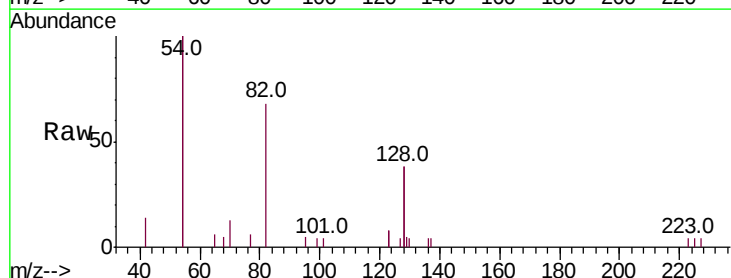
Tgt Ion: 82 Resp: 1779

Ion Ratio Lower Upper

82 100

128 111.9 96.1 144.1

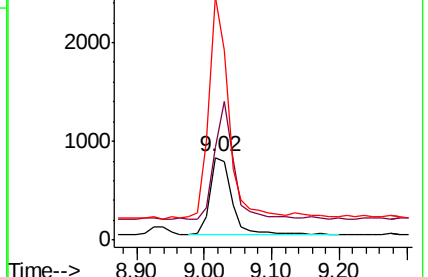
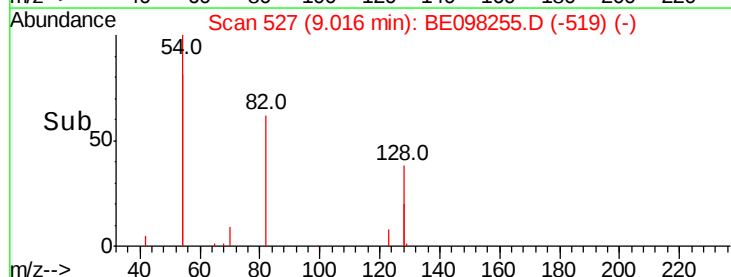
54 293.6 232.0 348.0

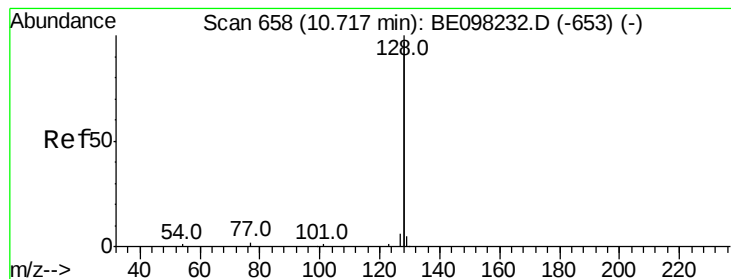


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

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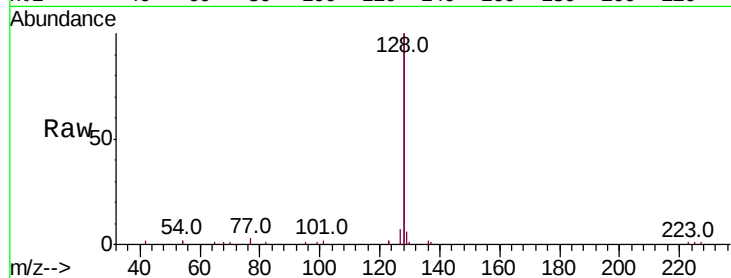
Tot Ion:128 Resp: 19158

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

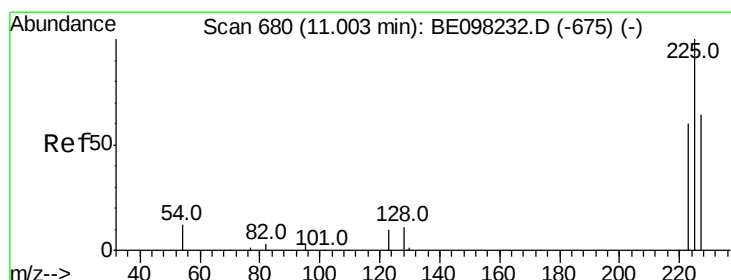
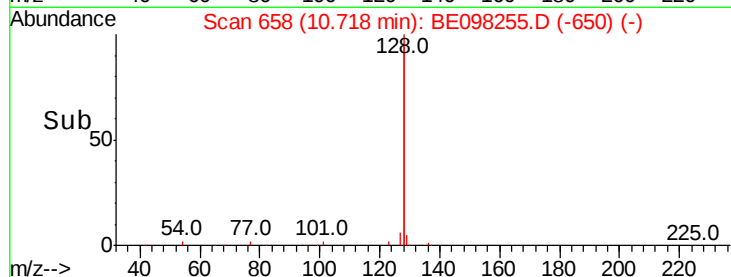
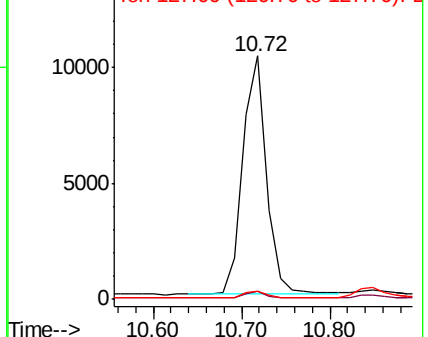
127 3.4 2.8 4.2



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: 0.353 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

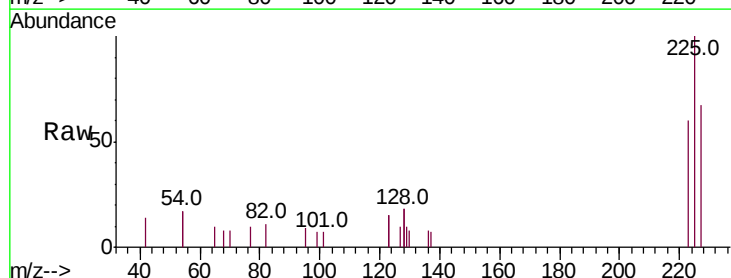
Tgt Ion:225 Resp: 1057

Ion Ratio Lower Upper

225 100

223 61.3 50.5 75.7

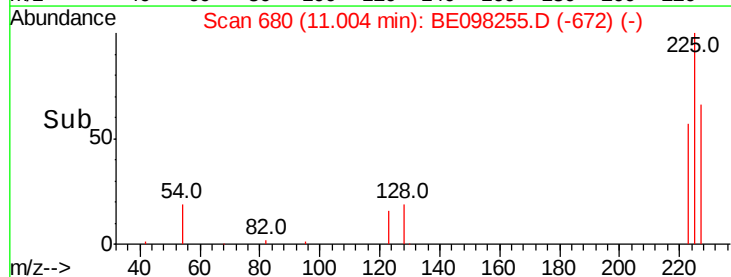
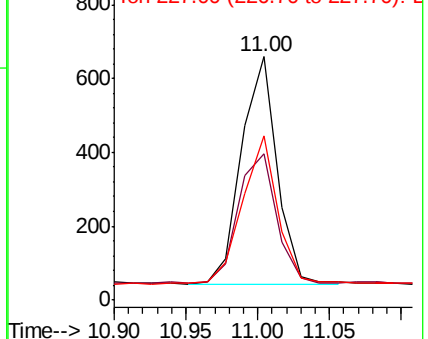
227 64.5 50.3 75.5

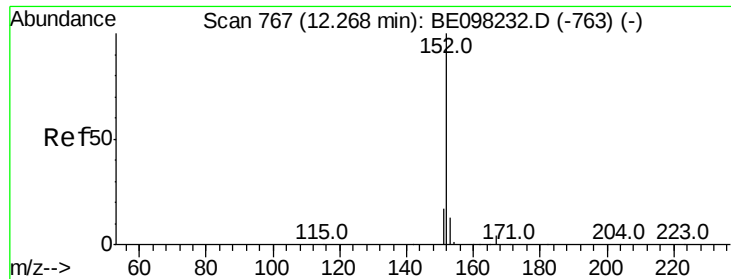


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

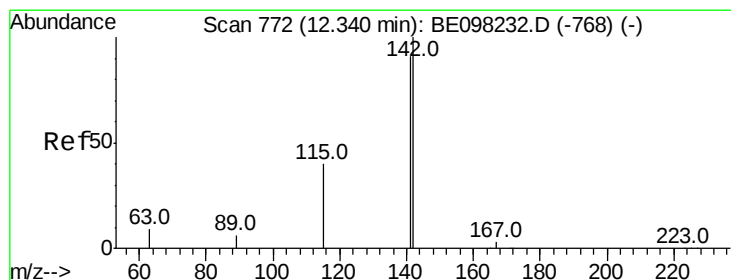
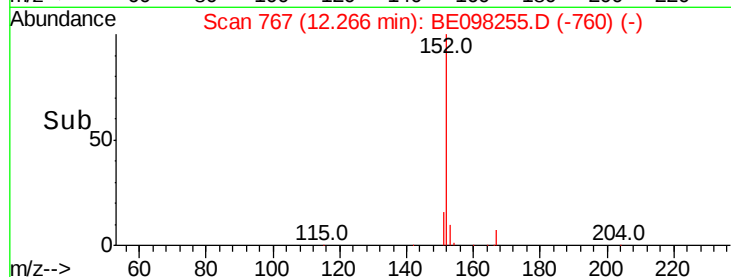
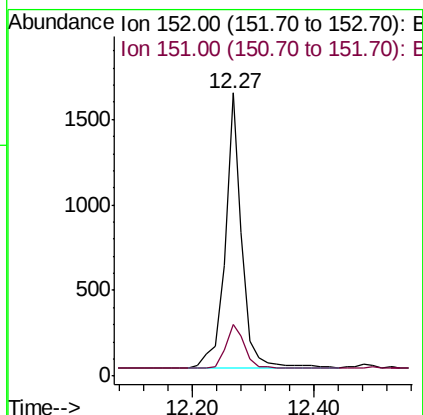
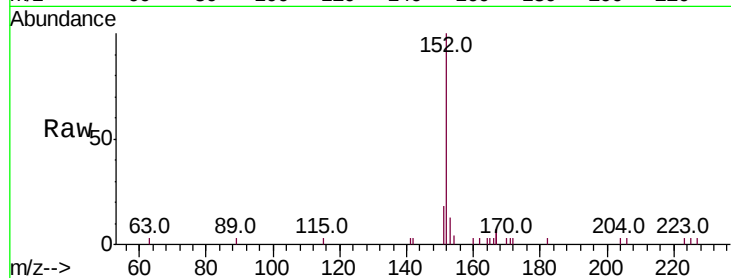




#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

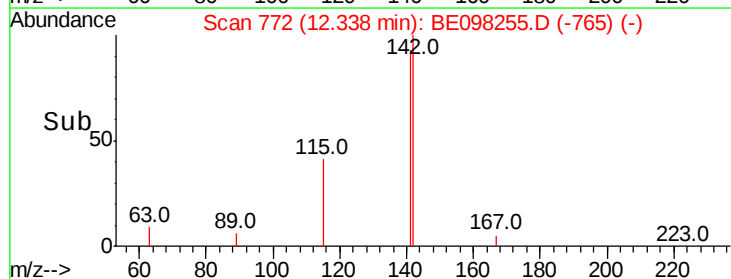
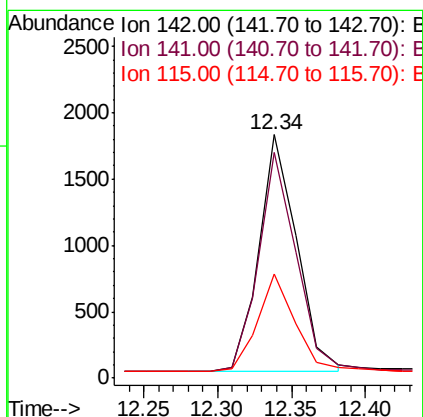
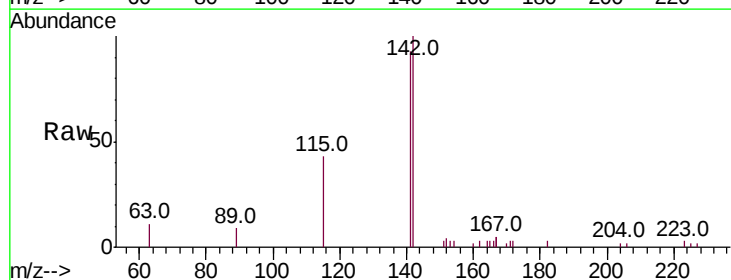
Instrument :
 BNA_E
 ClientSampleId :
 PB114965BS

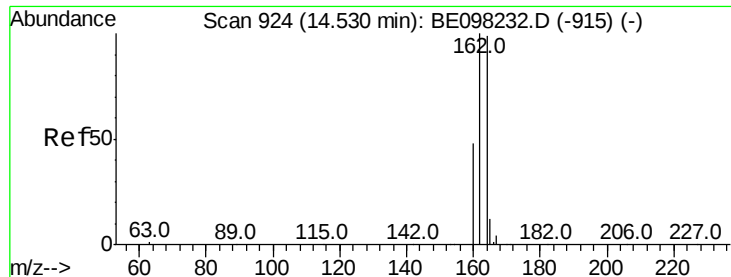
Tot Ion:152 Resp: 3052
 Ion Ratio Lower Upper
 152 100
 151 18.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.351 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

Tgt Ion:142 Resp: 3154
 Ion Ratio Lower Upper
 142 100
 141 92.9 76.3 114.5
 115 42.7 35.8 53.8

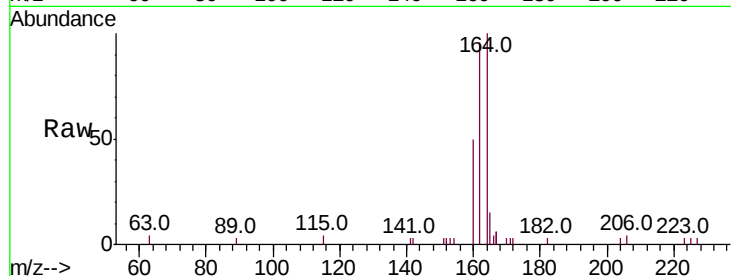




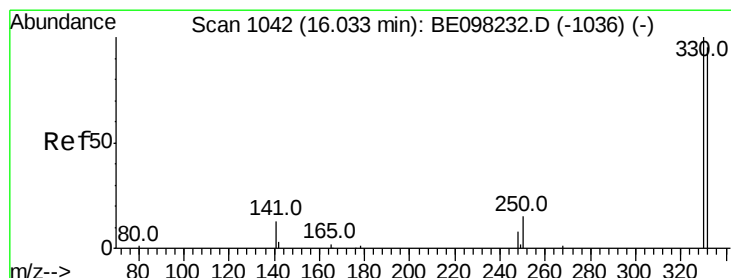
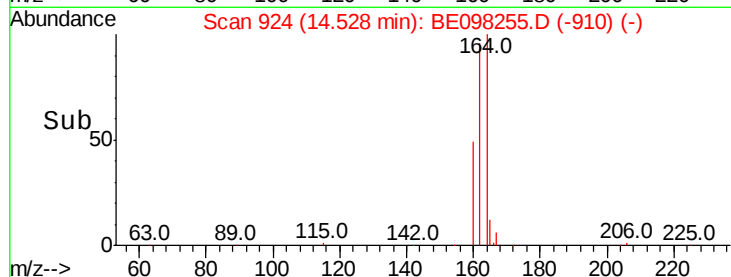
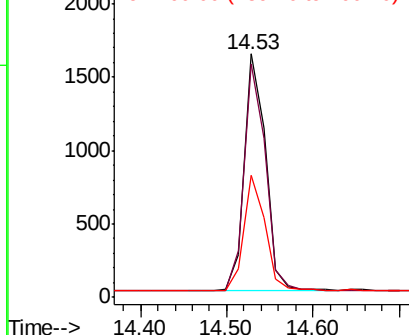
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :
PB114965BS

Tot Ion:164 Resp: 2727
Ion Ratio Lower Upper
164 100
162 96.1 81.8 122.6
160 50.0 39.4 59.0

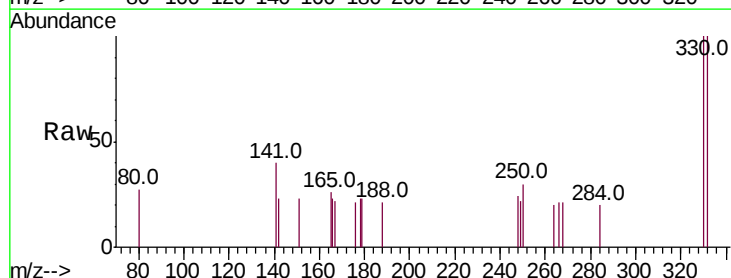


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

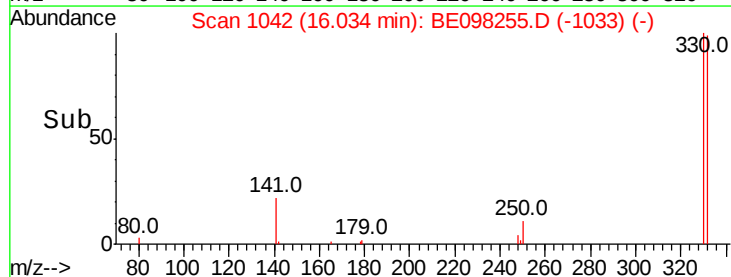
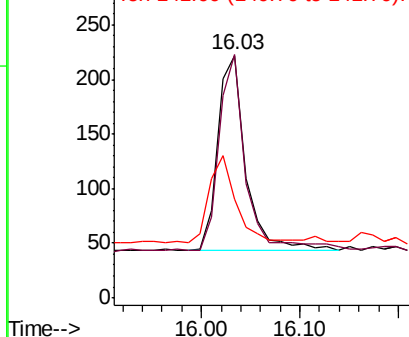


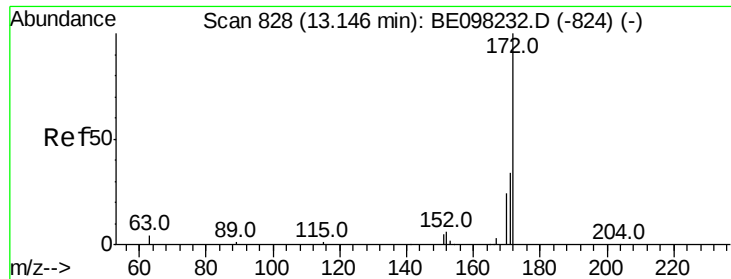
#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:330 Resp: 355
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 43.1 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

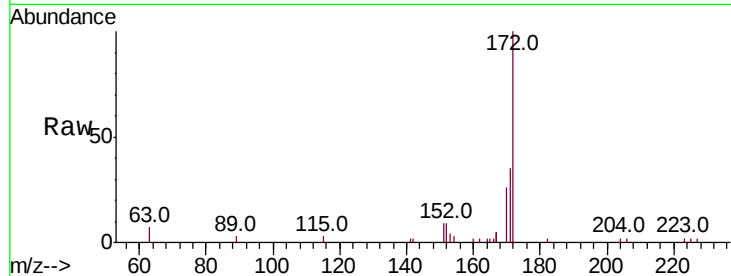




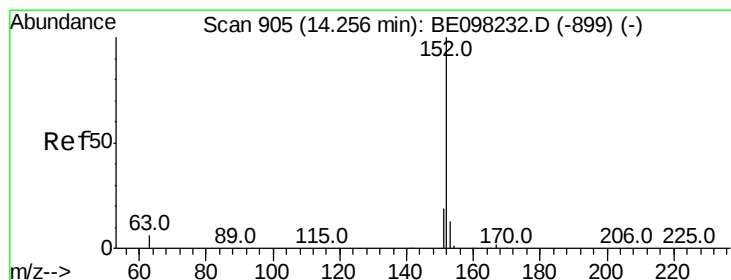
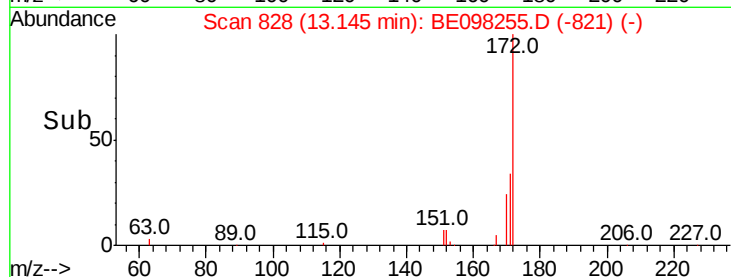
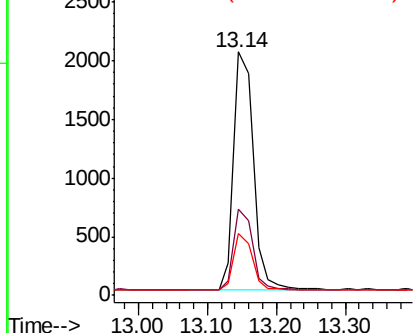
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Instrument :
BNA_E
ClientSampleId :
PB114965BS

Tot Ion:172 Resp: 4040
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 25.6 19.4 29.0

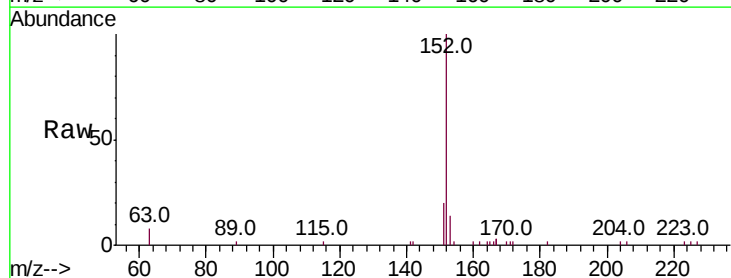


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

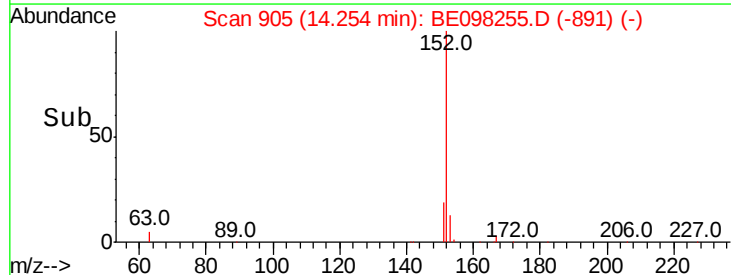
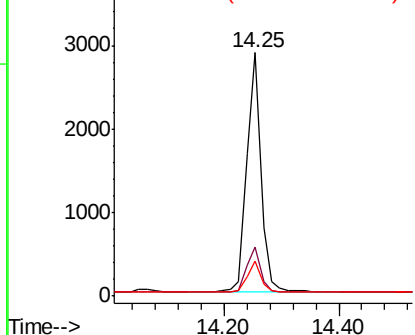


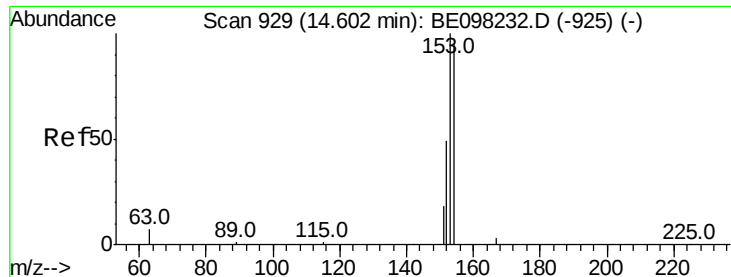
#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:152 Resp: 4918
Ion Ratio Lower Upper
152 100
151 19.0 16.4 24.6
153 12.5 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: 0.362 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

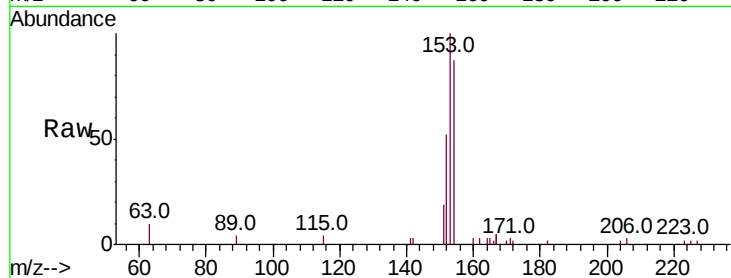
Tot Ion:154 Resp: 2807

Ion Ratio Lower Upper

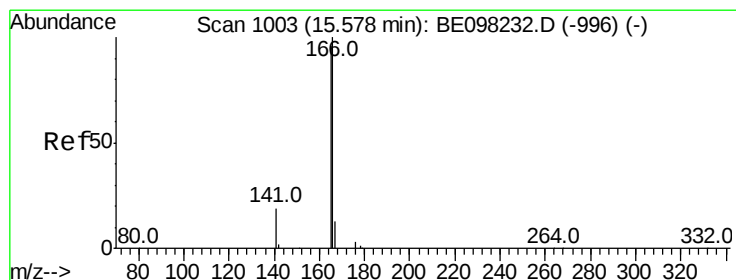
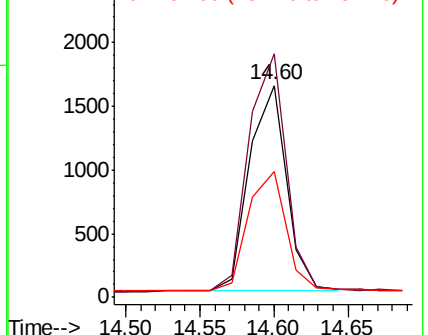
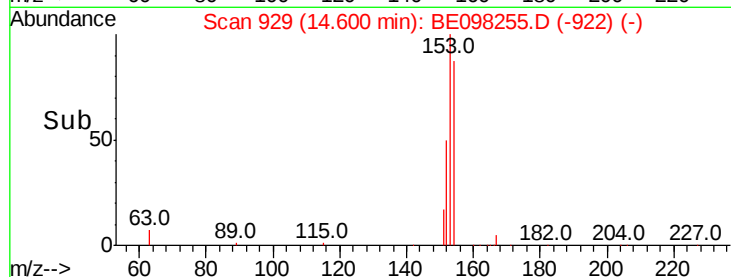
154 100

153 117.1 92.1 138.1

152 60.2 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: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

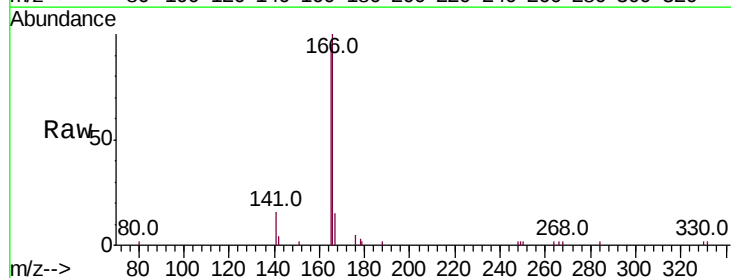
Tgt Ion:166 Resp: 3873

Ion Ratio Lower Upper

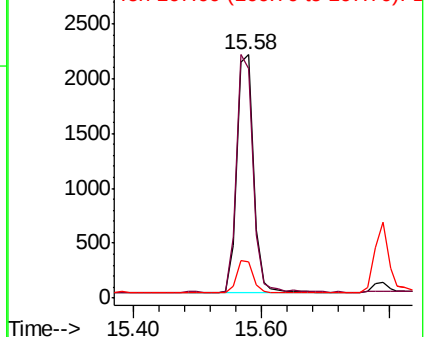
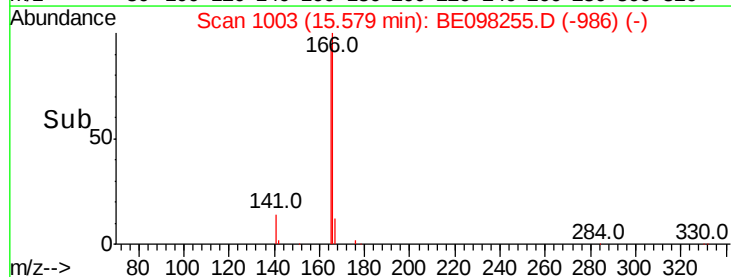
166 100

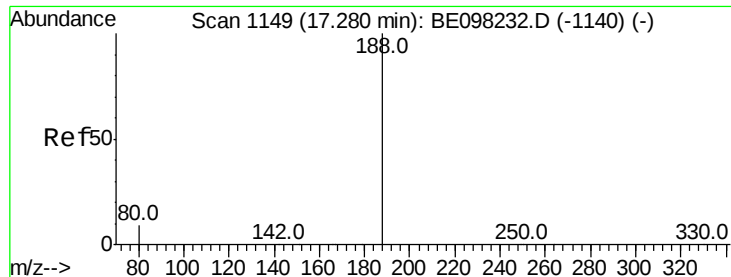
165 99.5 80.1 120.1

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# 1149

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

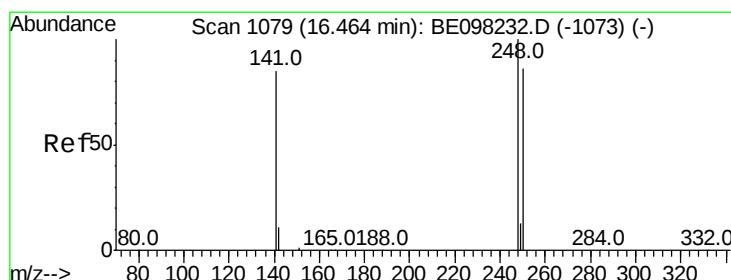
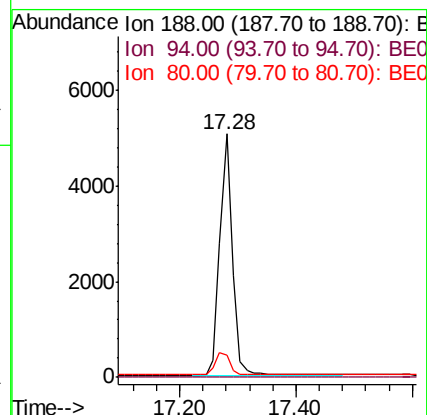
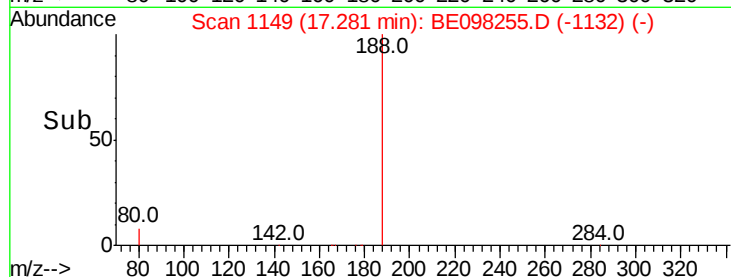
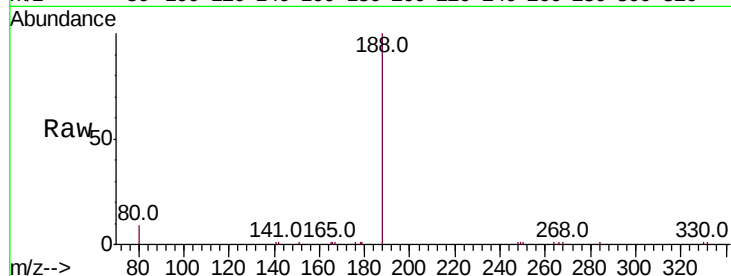
Tot Ion:188 Resp: 7577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.299 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

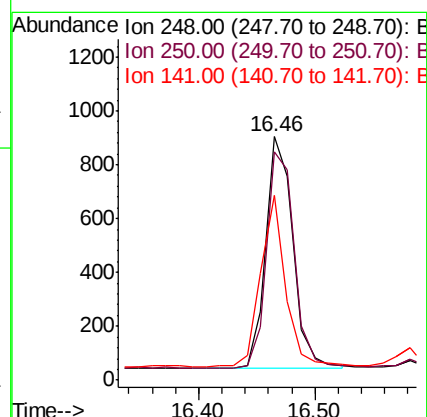
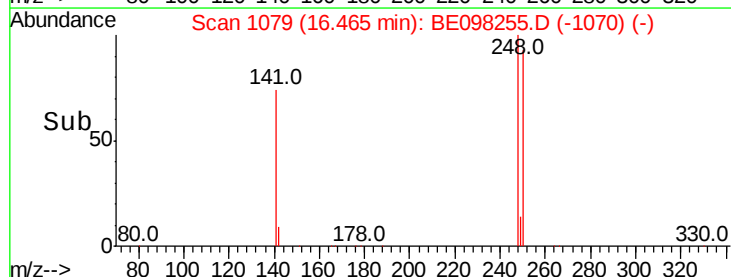
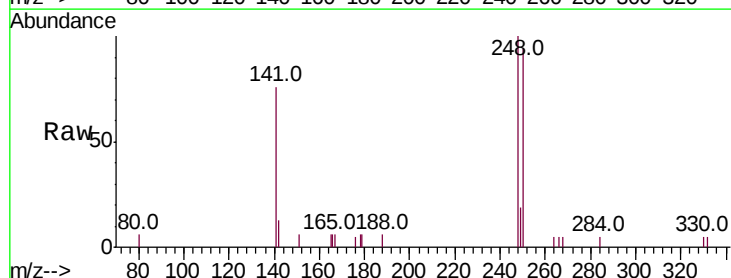
Tgt Ion:248 Resp: 1403

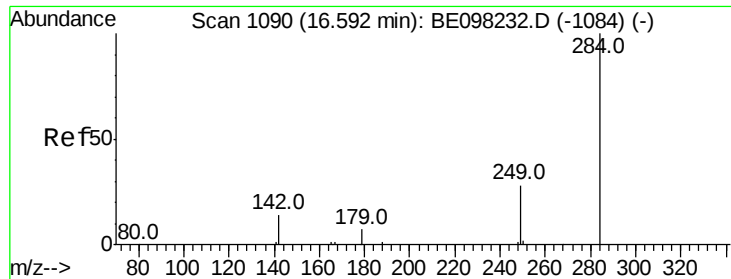
Ion Ratio Lower Upper

248 100

250 93.6 77.6 116.4

141 76.1 65.8 98.8

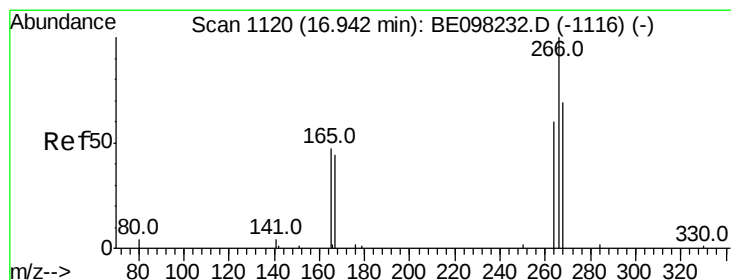
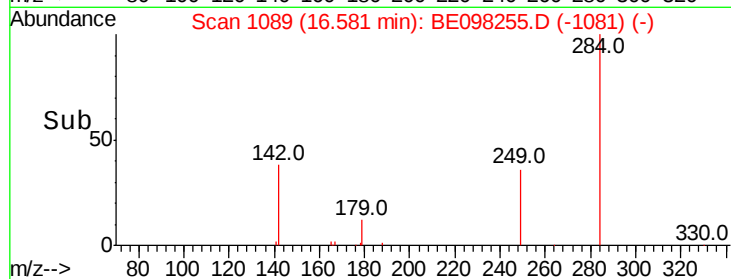
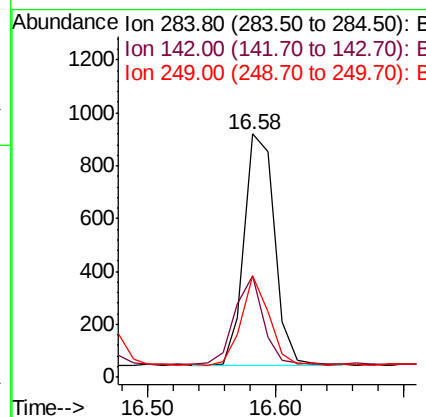
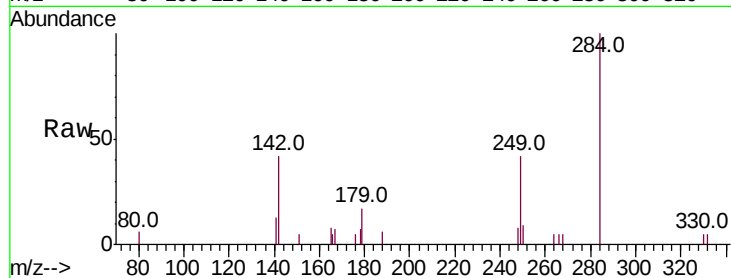




#21
 Hexachlorobenzene
 Concen: 0.300 ng
 RT: 16.58 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

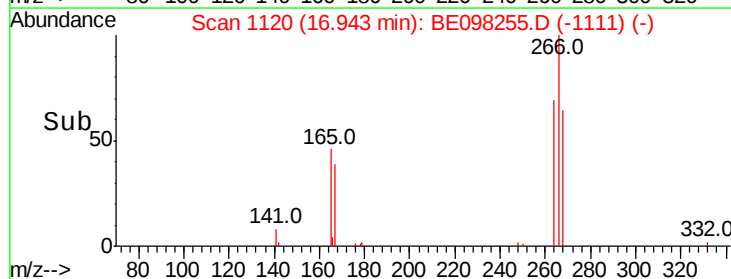
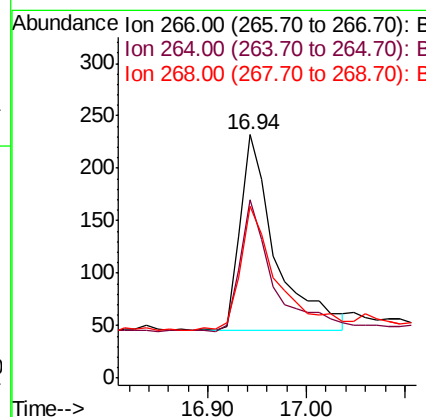
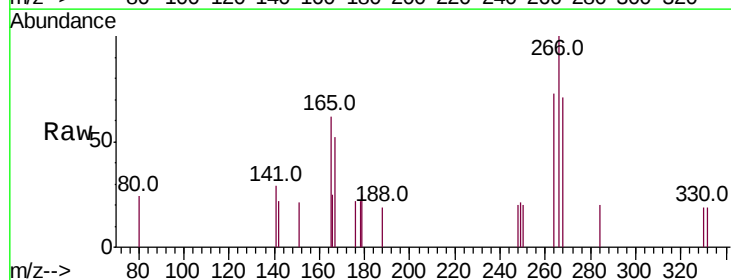
Instrument :
 BNA_E
 ClientSampleId :
 PB114965BS

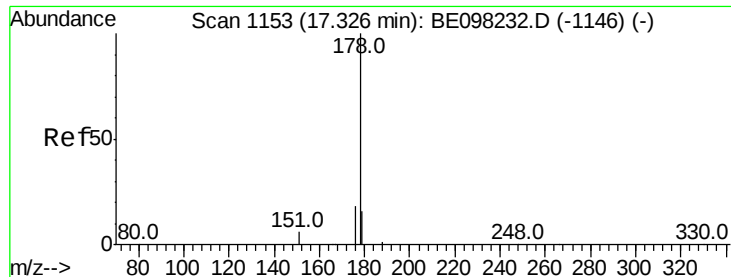
Tot Ion:284	Resp: 1450
Ion Ratio	Lower Upper
284 100	
142 35.5	26.5 39.7
249 35.4	28.4 42.6



#22
 Pentachlorophenol
 Concen: 0.597 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098255.D
 Acq: 21 Nov 2018 10:14

Tgt Ion:266	Resp: 469
Ion Ratio	Lower Upper
266 100	
264 73.3	57.6 86.4
268 70.7	56.8 85.2





#23

Phenanthrene

Concen: 0.376 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

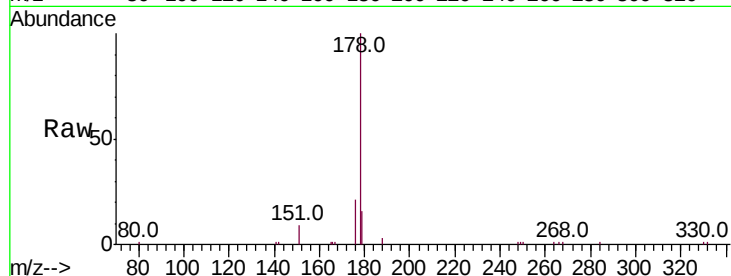
Tot Ion:178 Resp: 7329

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

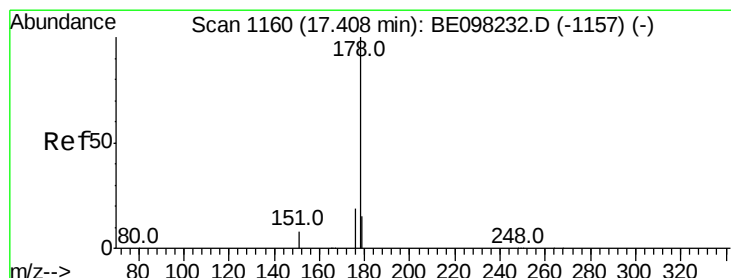
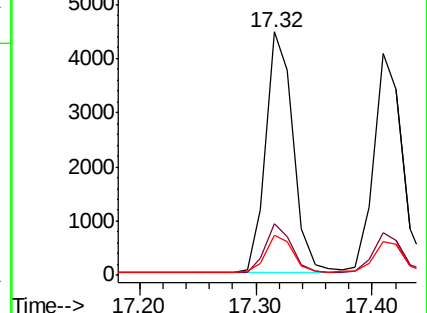
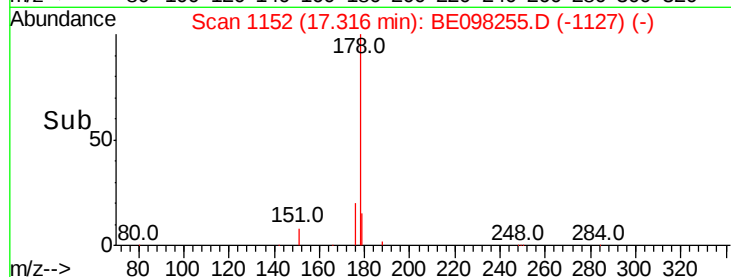
179 15.3 12.3 18.5



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: 0.385 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

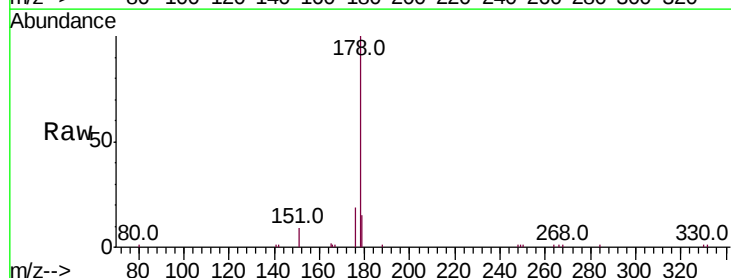
Tgt Ion:178 Resp: 6819

Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

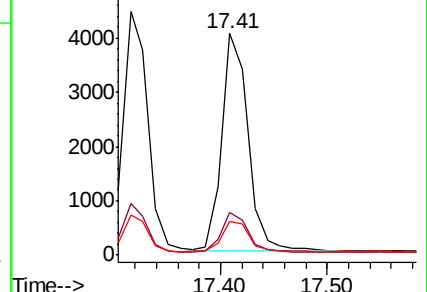
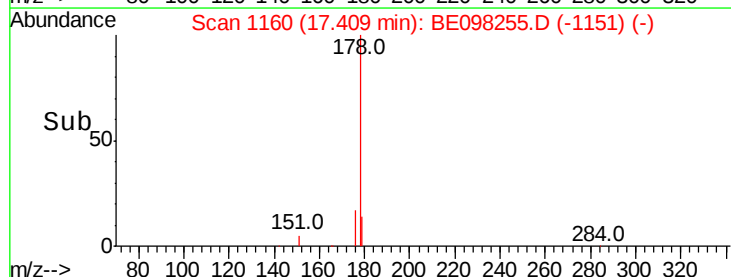
179 14.2 12.1 18.1

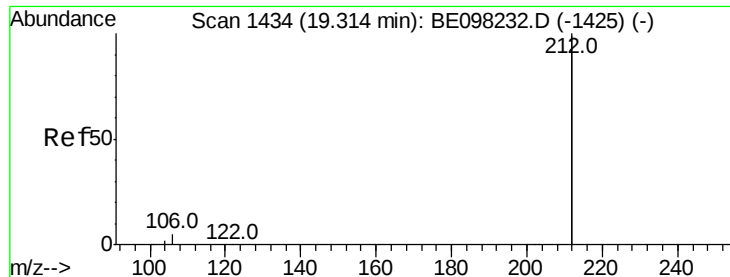


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

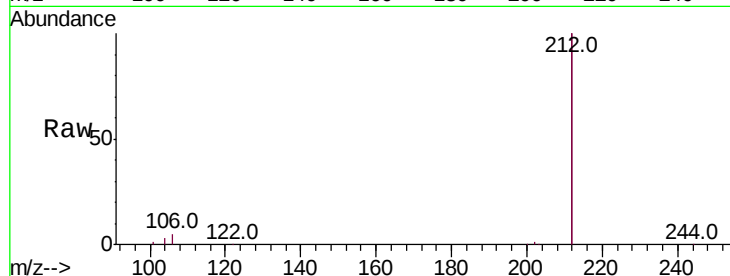
Tot Ion:212 Resp: 38727

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

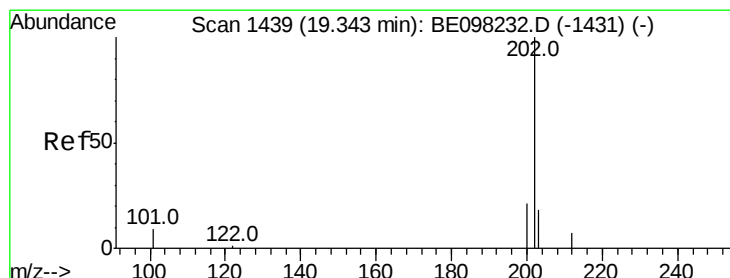
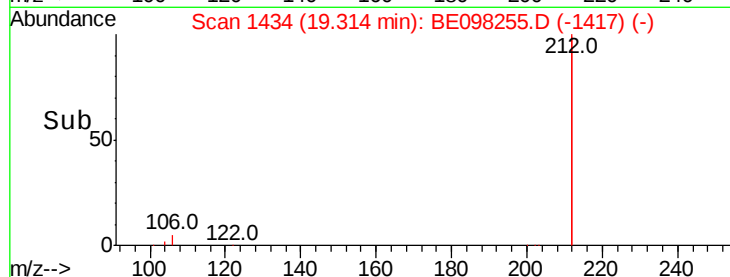
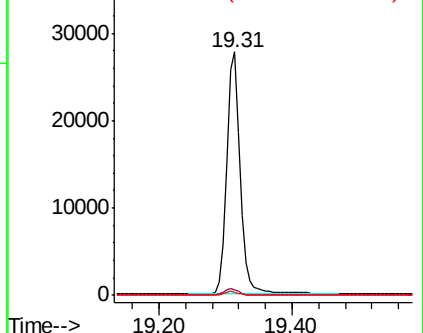
104 1.6 1.1 1.7



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: 0.437 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

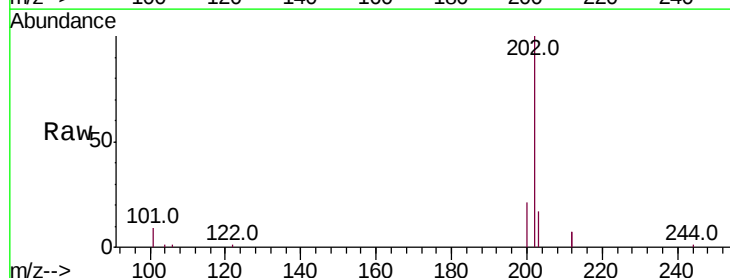
Tgt Ion:202 Resp: 10219

Ion Ratio Lower Upper

202 100

101 9.7 7.0 10.6

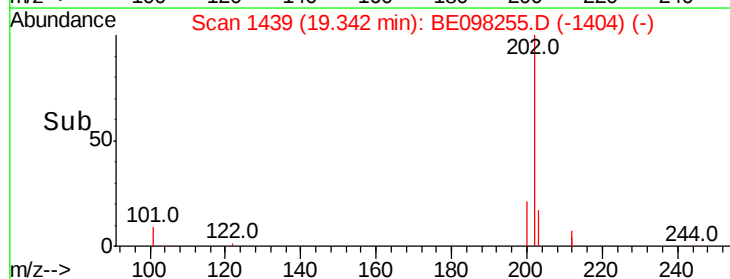
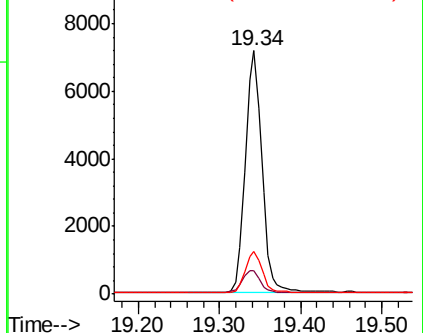
203 16.7 13.7 20.5

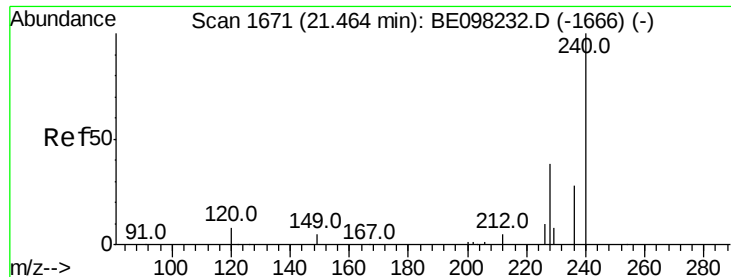


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

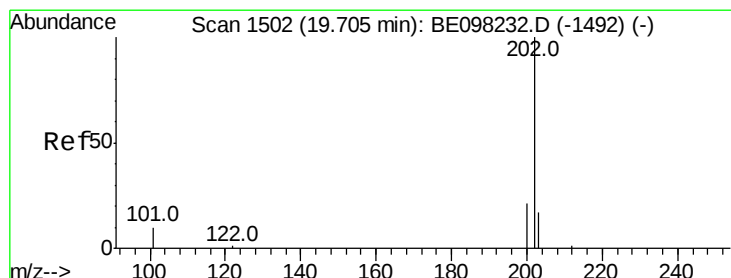
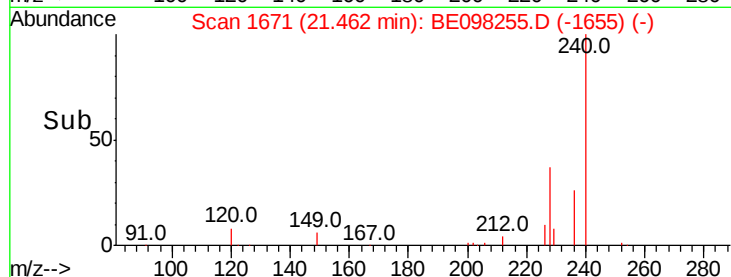
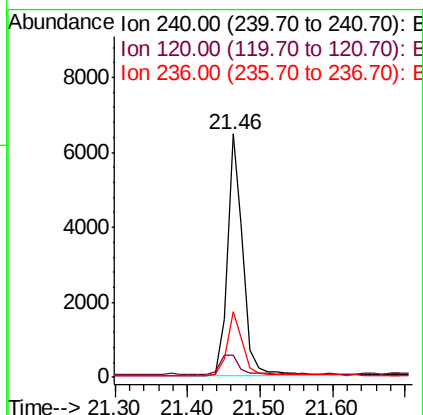
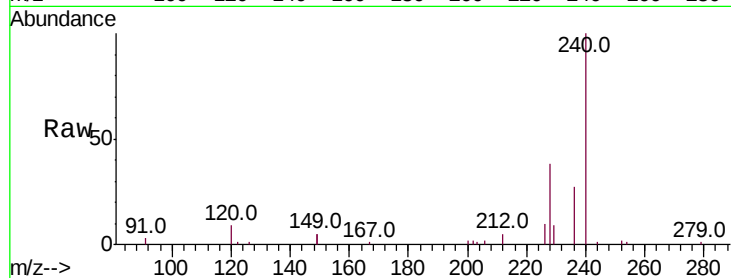




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

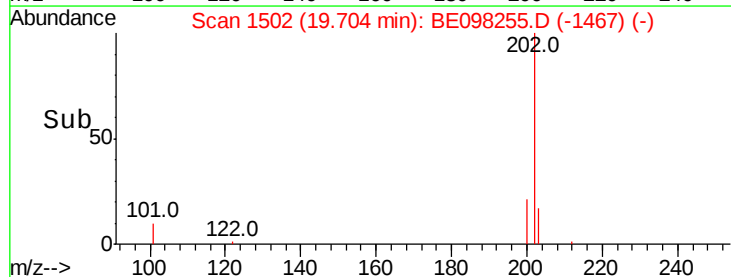
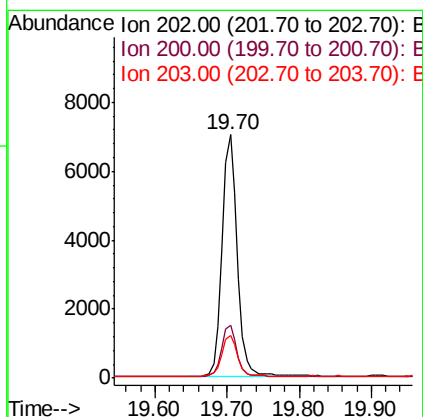
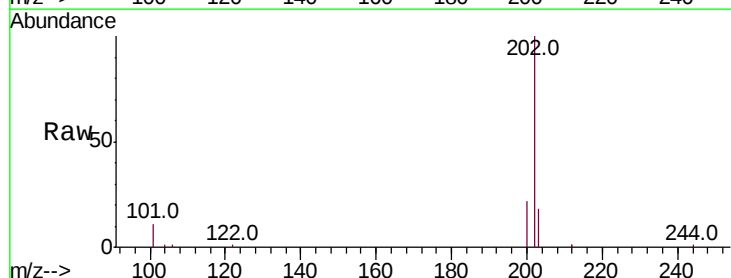
Instrument :
BNA_E
ClientSampleId :
PB114965BS

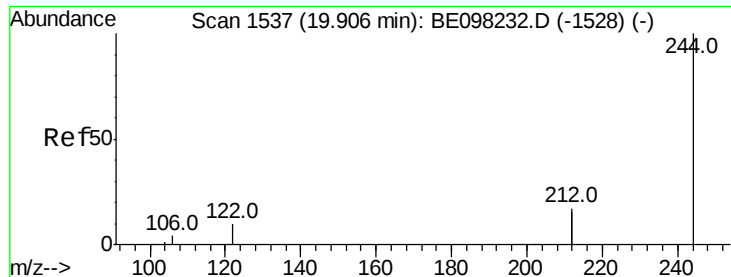
Tot Ion:240 Resp: 9695
Ion Ratio Lower Upper
240 100
120 9.3 4.8 7.2#
236 26.9 21.4 32.0



#28
Pyrene
Concen: 0.360 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098255.D
Acq: 21 Nov 2018 10:14

Tgt Ion:202 Resp: 10189
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 14.2 21.4





#29

Terphenyl-d14

Concen: 0.321 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

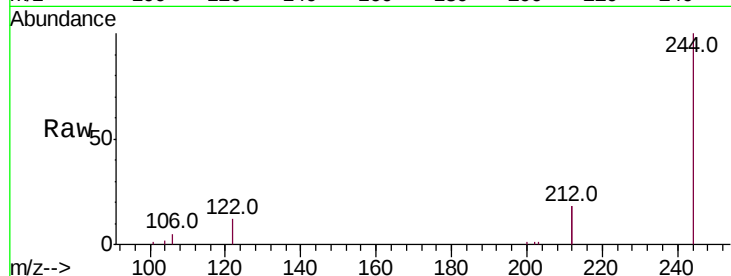
Tot Ion:244 Resp: 7152

Ion Ratio Lower Upper

244 100

212 35.4 26.8 40.2

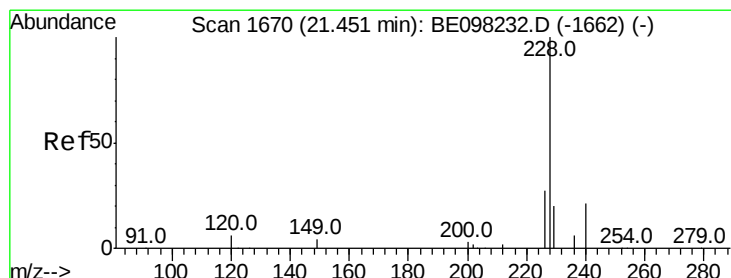
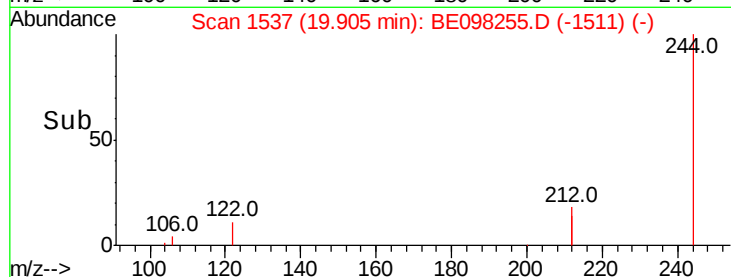
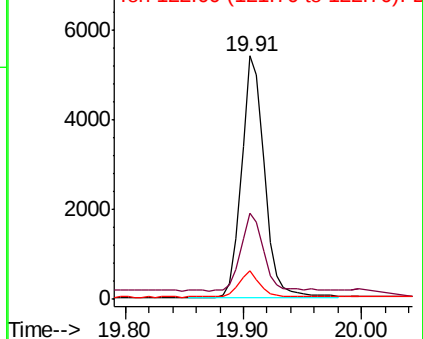
122 11.5 7.0 10.6#



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: 0.379 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

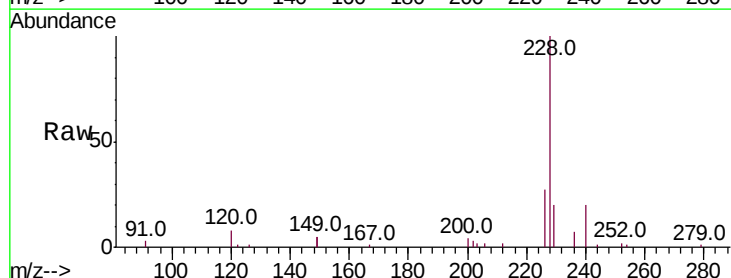
Tgt Ion:228 Resp: 10632

Ion Ratio Lower Upper

228 100

226 26.6 20.7 31.1

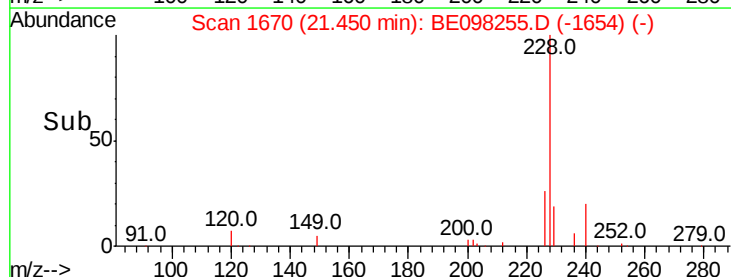
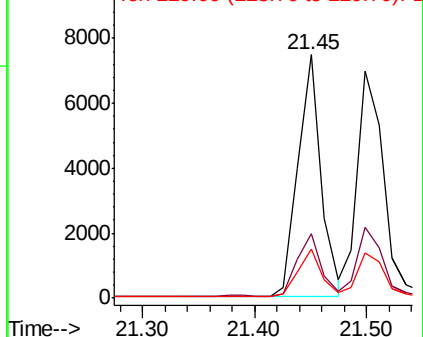
229 20.1 16.2 24.4

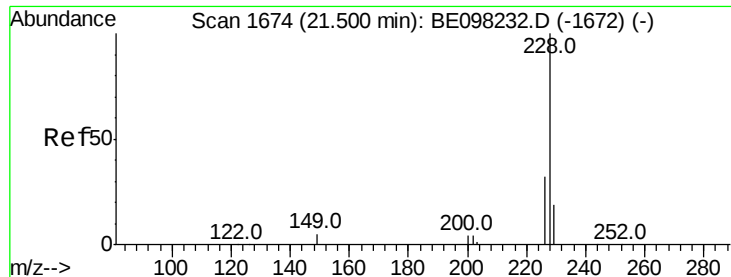


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.379 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

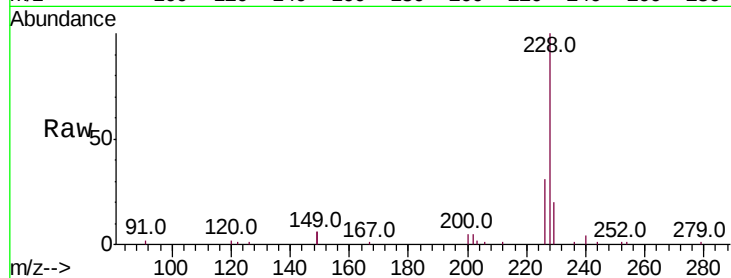
Tot Ion:228 Resp: 10923

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

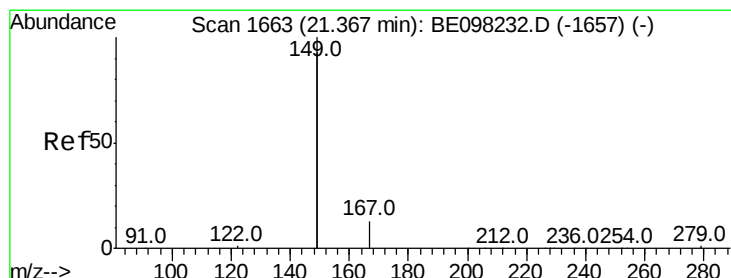
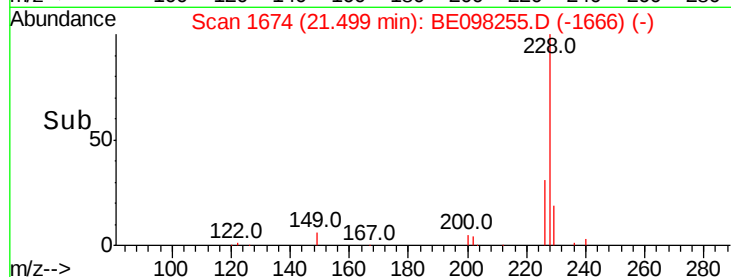
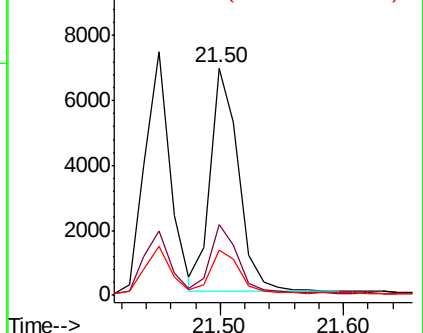
229 19.7 16.0 24.0



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: 0.374 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

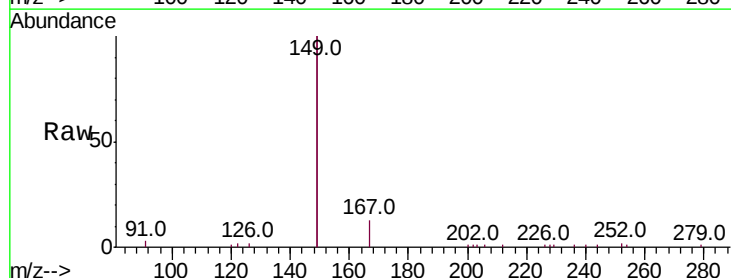
Tgt Ion:149 Resp: 16358

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

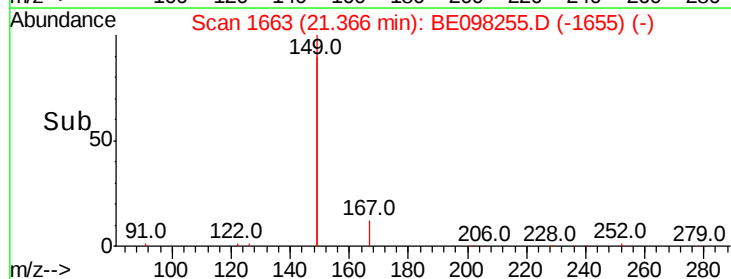
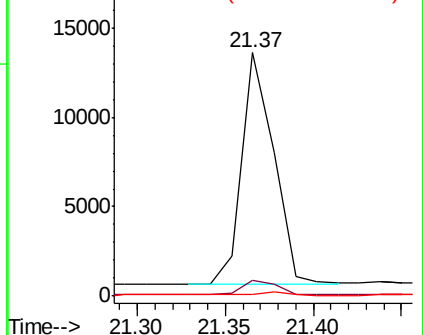
279 1.1 0.9 1.3

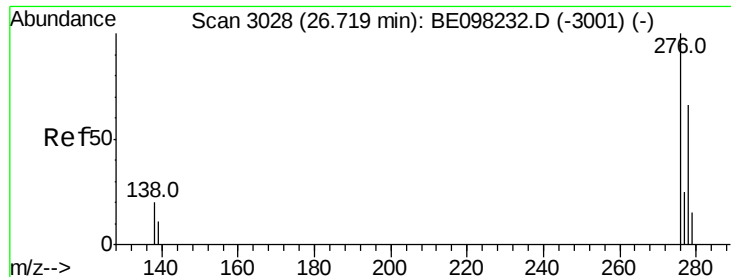


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

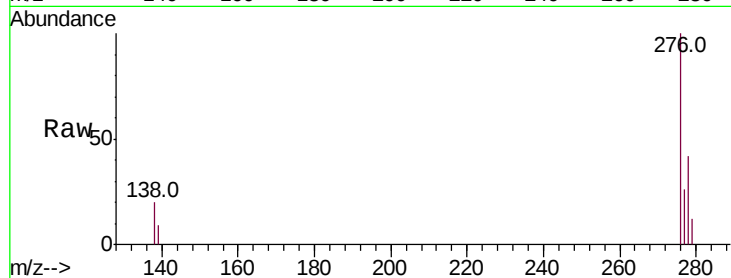
Tot Ion:276 Resp: 9648

Ion Ratio Lower Upper

276 100

138 0.0 6.4 9.6#

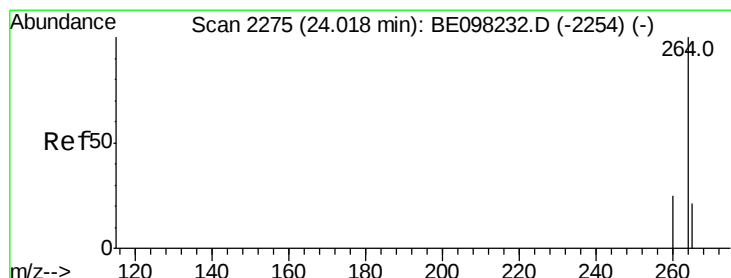
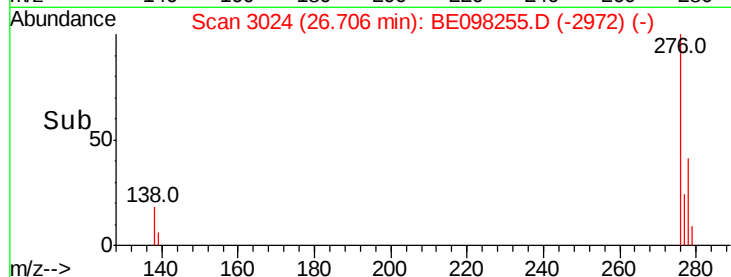
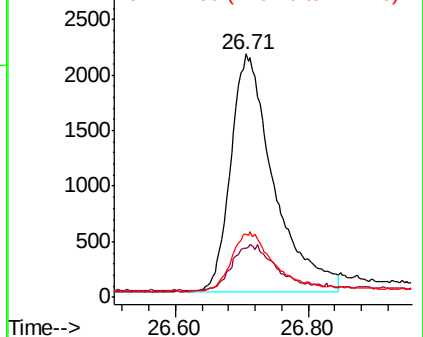
277 10.0 18.9 28.3#



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: BE098255.D

Acq: 21 Nov 2018 10:14

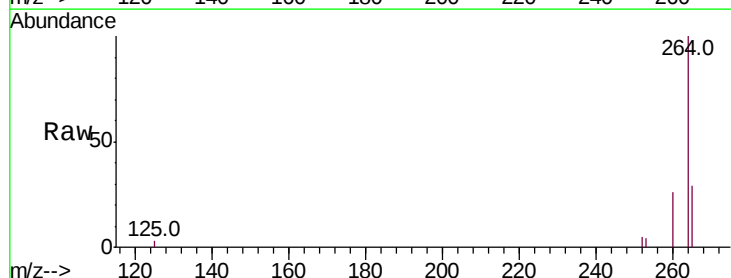
Tgt Ion:264 Resp: 8882

Ion Ratio Lower Upper

264 100

260 25.9 19.9 29.9

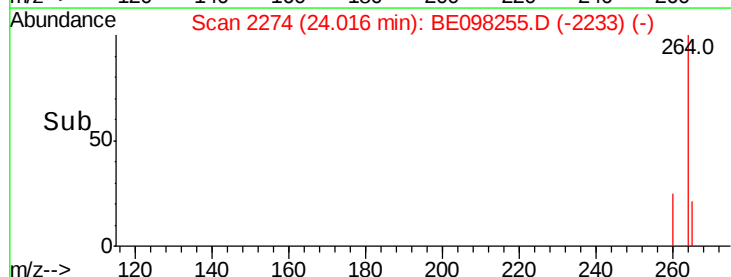
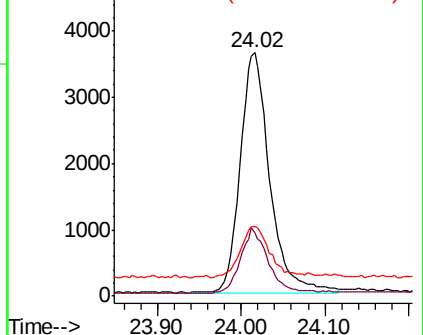
265 28.8 21.3 31.9

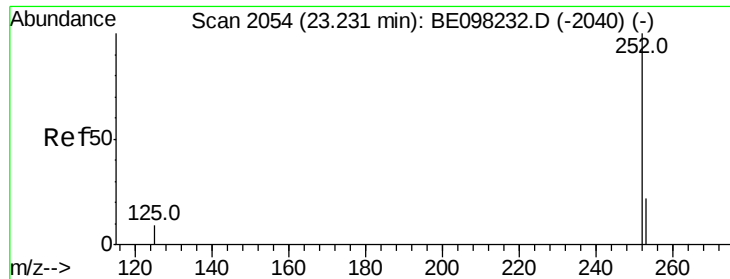


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

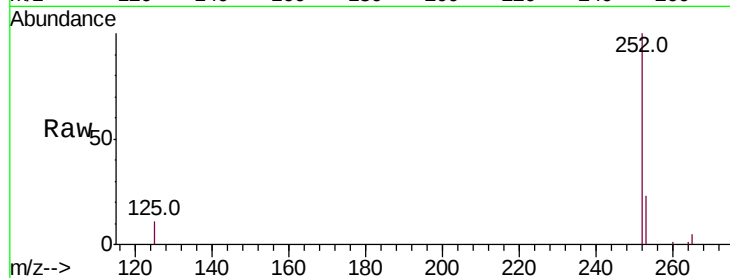
Tot Ion:252 Resp: 10050

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.0

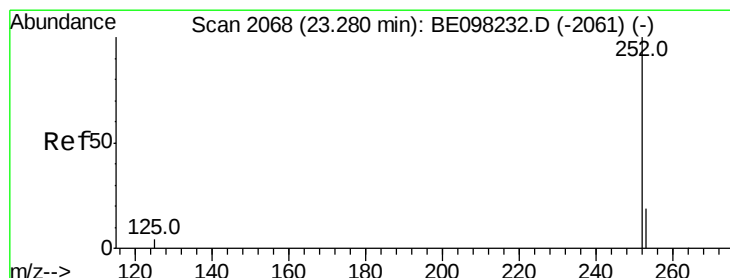
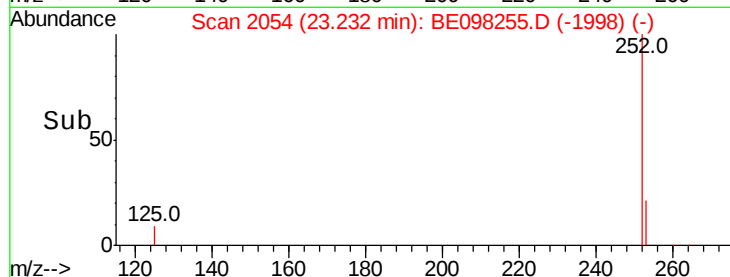
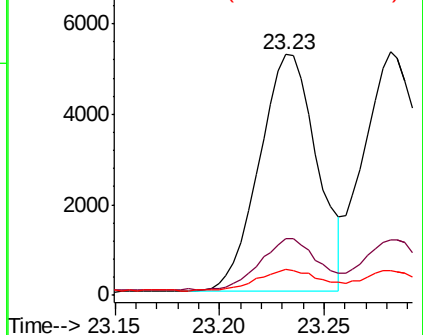
125 10.6 8.6 12.8



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: 0.380 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

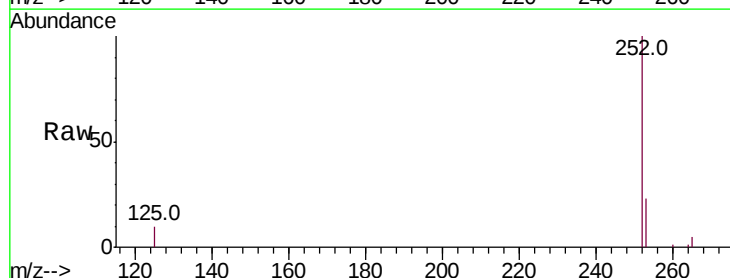
Tgt Ion:252 Resp: 10772

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

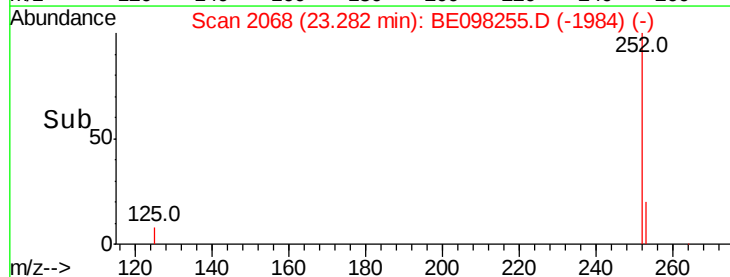
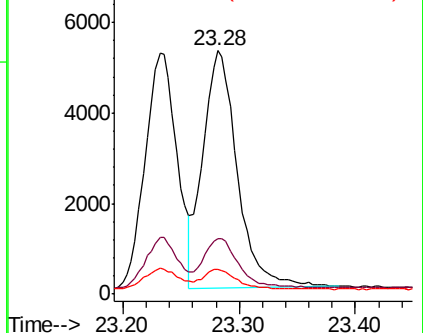
125 10.2 7.4 11.0

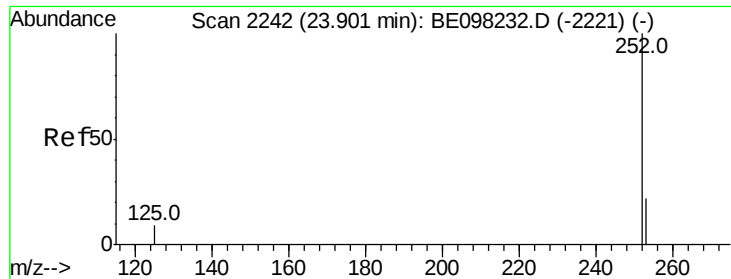


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

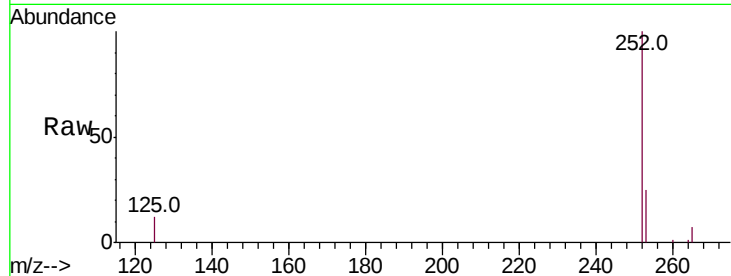
Tot Ion:252 Resp: 9715

Ion Ratio Lower Upper

252 100

253 24.7 18.6 27.8

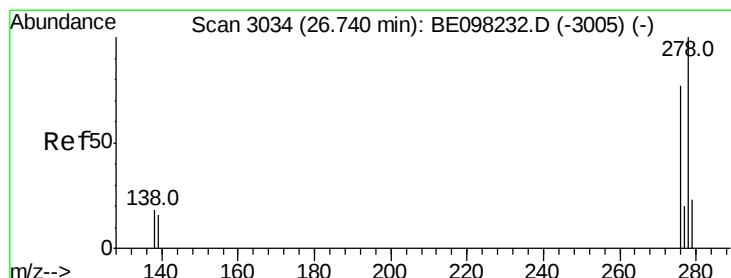
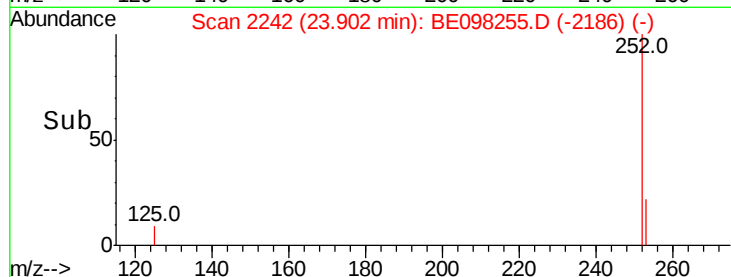
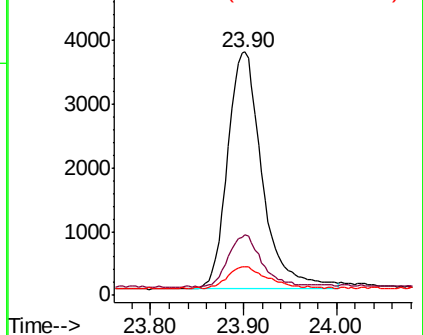
125 11.8 8.0 12.0



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: 0.388 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

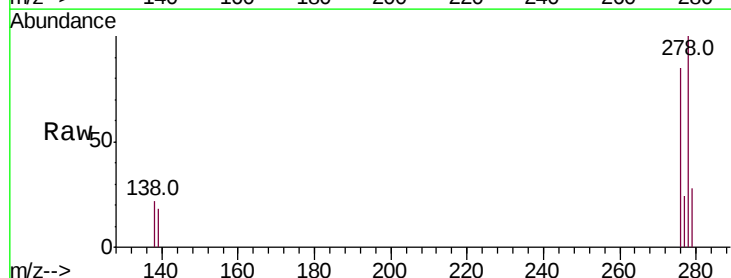
Tgt Ion:278 Resp: 7657

Ion Ratio Lower Upper

278 100

139 17.9 16.4 24.6

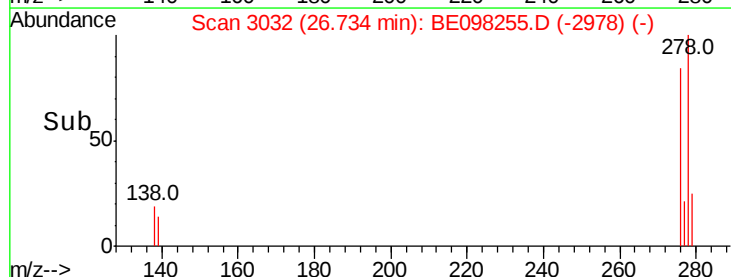
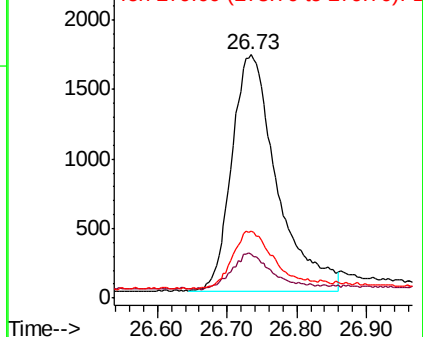
279 27.5 21.3 31.9

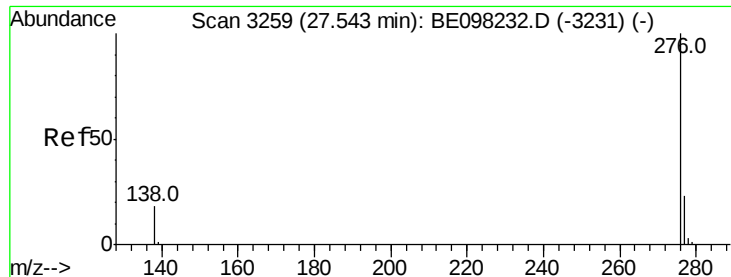


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BE098255.D

Acq: 21 Nov 2018 10:14

Instrument :

BNA_E

ClientSampleId :

PB114965BS

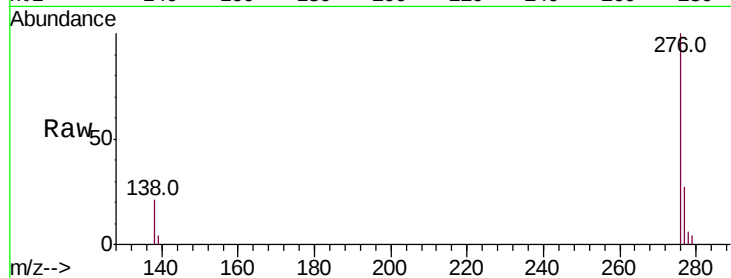
Tot Ion:276 Resp: 8489

Ion Ratio Lower Upper

276 100

277 26.6 20.4 30.6

138 20.6 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

