

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098212.D
 Acq On : 13 Nov 2018 16:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 13 17:29:38 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	7.86	152	1346	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6589	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4551	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10815	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12948	0.40	ng	0.00
34) Perylene-d12	24.01	264	11929	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1544	0.41	ng	0.00
5) Phenol-d6	7.04	99	2586	0.42	ng	0.00
8) Nitrobenzene-d5	9.02	82	2602	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4559	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	737	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6830	0.36	ng	0.00
25) Fluoranthene-d10	19.31	212	51336	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	10643	0.36	ng	0.00

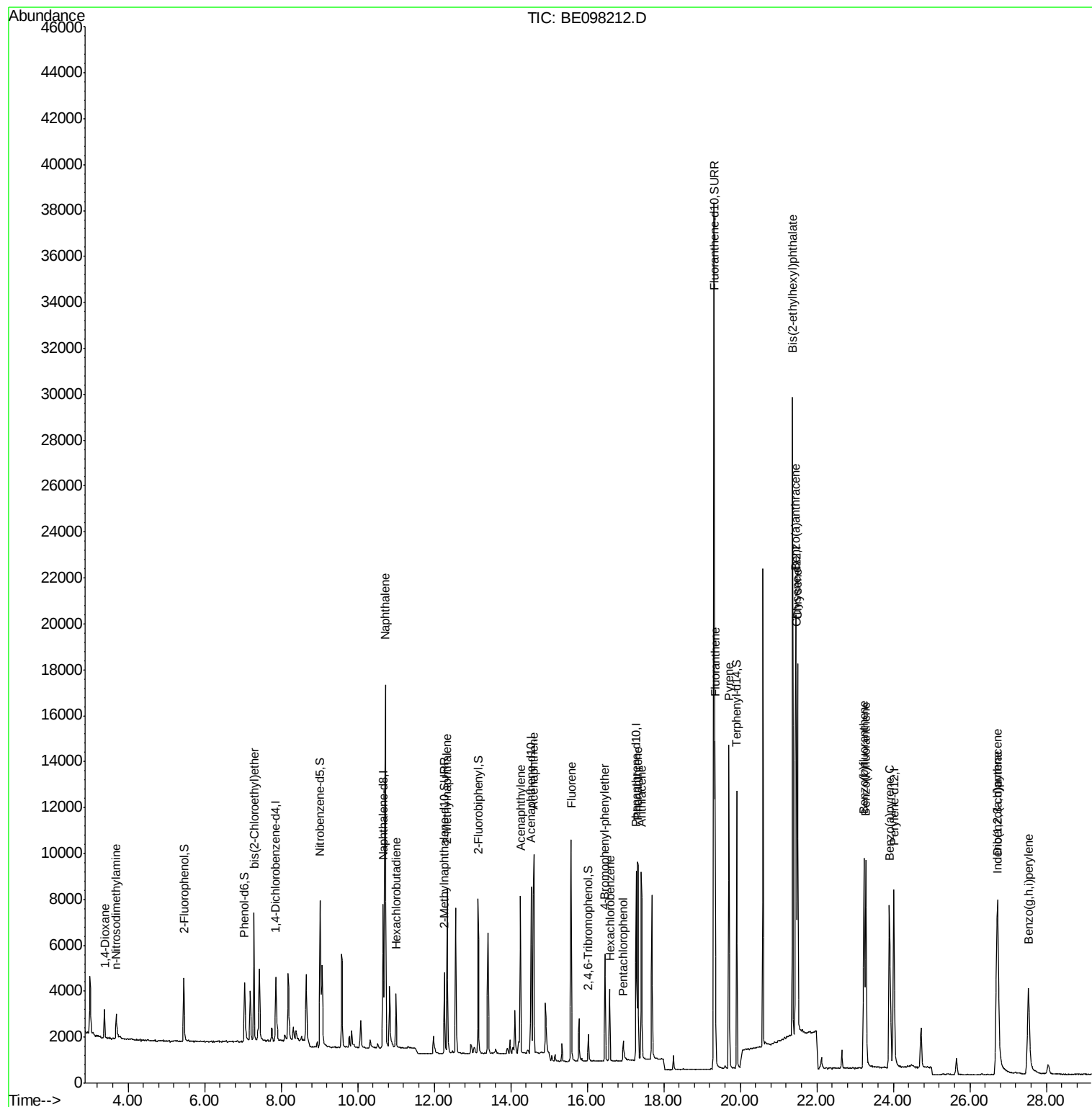
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	795	0.393	ng	91
3) n-Nitrosodimethylamine	3.69	42	973	0.368	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	1926	0.391	ng	97
9) Naphthalene	10.72	128	25907	0.387	ng	100
10) Hexachlorobutadiene	11.00	225	1581	0.380	ng	99
12) 2-Methylnaphthalene	12.34	142	4698	0.404	ng	94
16) Acenaphthylene	14.26	152	8139	0.390	ng	100
17) Acenaphthene	14.60	154	4894	0.384	ng	99
18) Fluorene	15.58	166	6440	0.395	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	2439	0.370	ng	96
21) Hexachlorobenzene	16.59	284	2592	0.378	ng	99
22) Pentachlorophenol	16.94	266	633	0.494	ng	97
23) Phenanthrene	17.33	178	10429	0.387	ng	100
24) Anthracene	17.41	178	9520	0.379	ng	99
26) Fluoranthene	19.34	202	12820	0.384	ng	99
28) Pyrene	19.70	202	13317	0.374	ng	99
30) Benzo(a)anthracene	21.45	228	13789	0.375	ng	98
31) Chrysene	21.50	228	13786	0.369	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	31039	0.406	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	13147	0.384	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	12783	0.378	ng	99
36) Benzo(k)fluoranthene	23.28	252	13831	0.387	ng	99
37) Benzo(a)pyrene	23.90	252	12363	0.381	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	11248	0.407	ng	98
39) Benzo(g,h,i)perylene	27.53	276	10966	0.380	ng	99

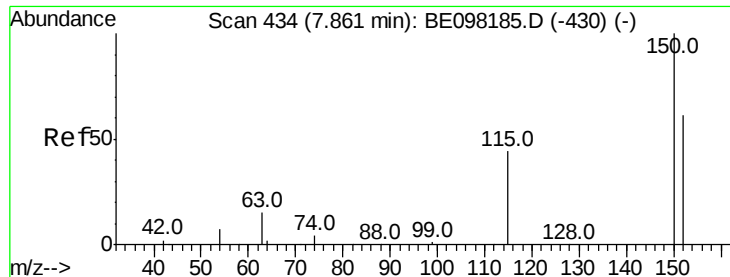
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 13:32:15 2018
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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: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

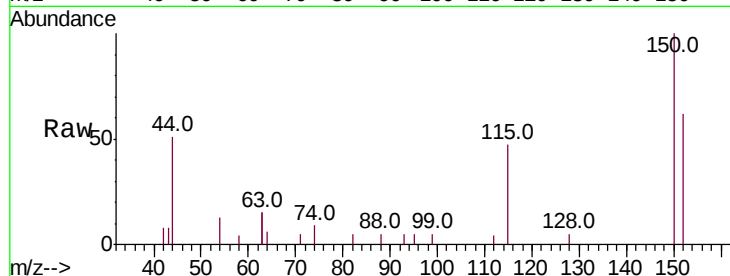
Tot Ion:152 Resp: 1346

Ion Ratio Lower Upper

152 100

150 160.9 127.5 191.3

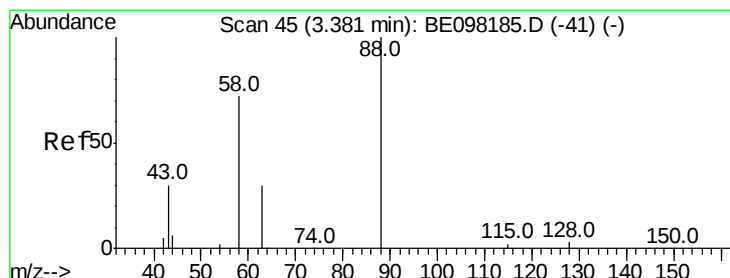
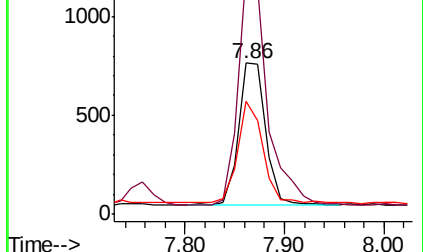
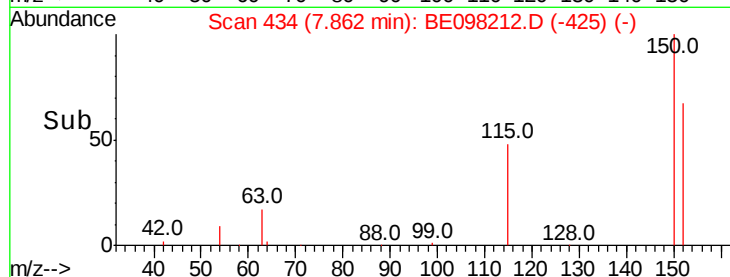
115 74.9 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.393 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

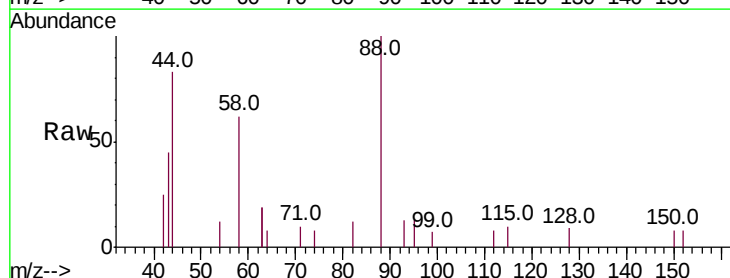
Tgt Ion: 88 Resp: 795

Ion Ratio Lower Upper

88 100

58 92.2 79.0 118.4

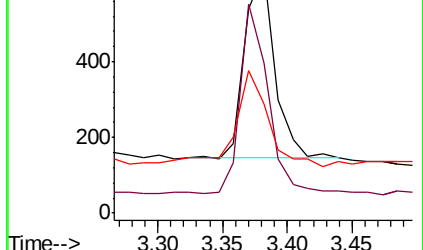
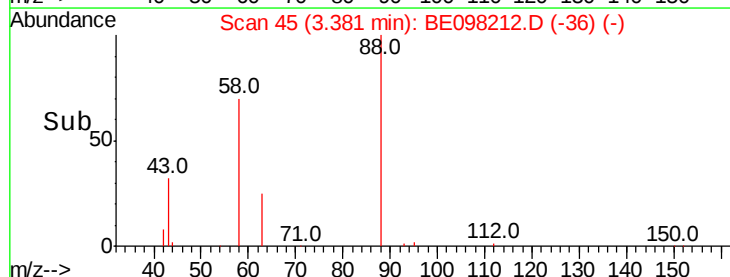
43 56.9 38.1 57.1

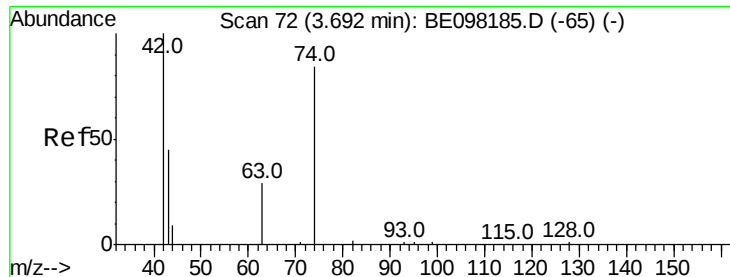


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

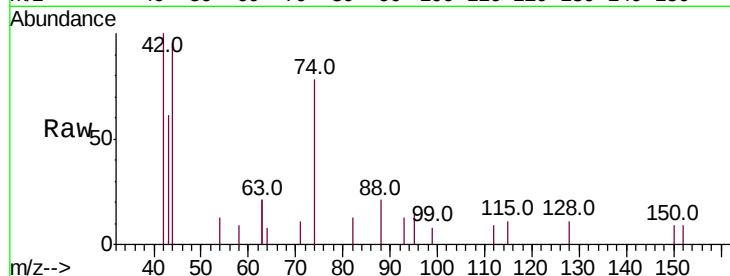




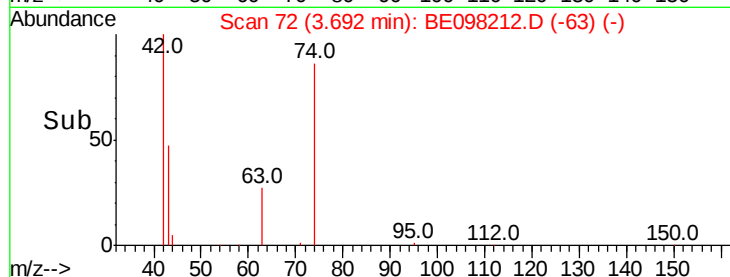
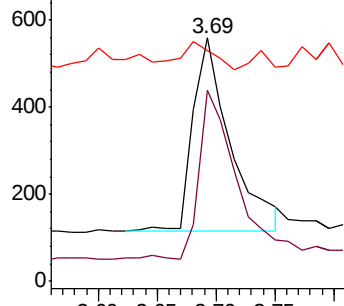
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 973
Ion Ratio Lower Upper
42 100
74 85.2 61.7 92.5
44 12.5 14.0 21.0#

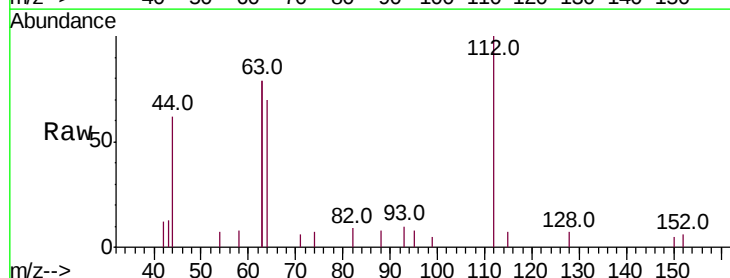
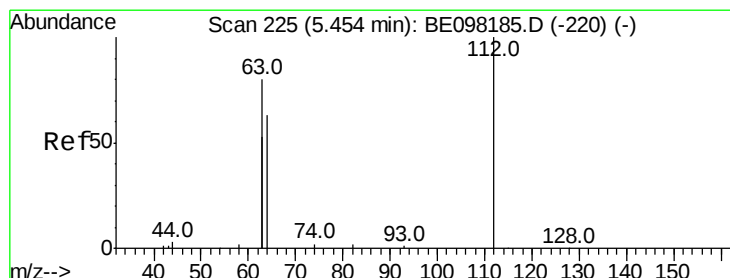


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

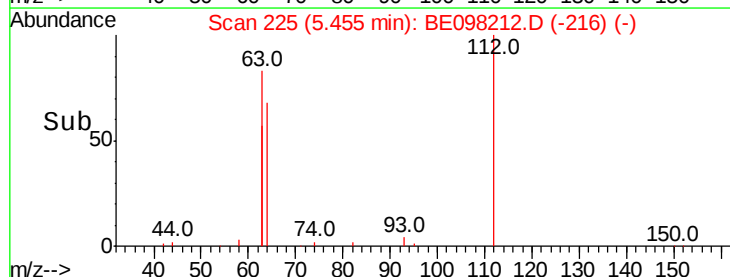
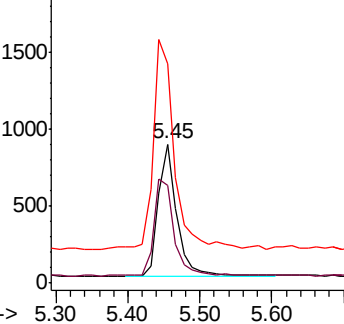


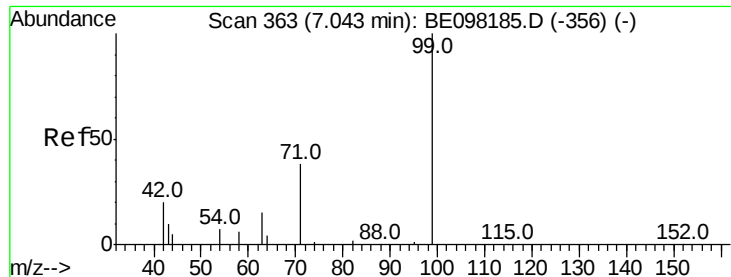
#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion: 112 Resp: 1544
Ion Ratio Lower Upper
112 100
64 78.3 61.7 92.5
63 172.2 136.2 204.2



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: 0.424 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

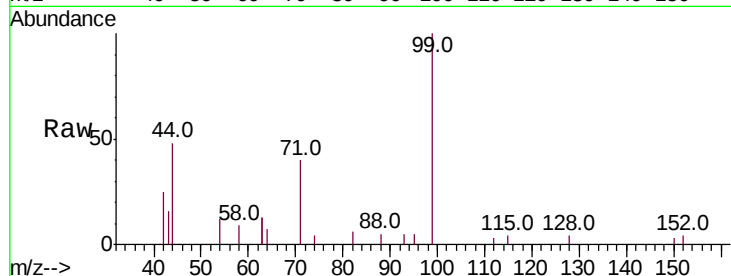
Tot Ion: 99 Resp: 2586

Ion Ratio Lower Upper

99 100

42 31.4 27.1 40.7

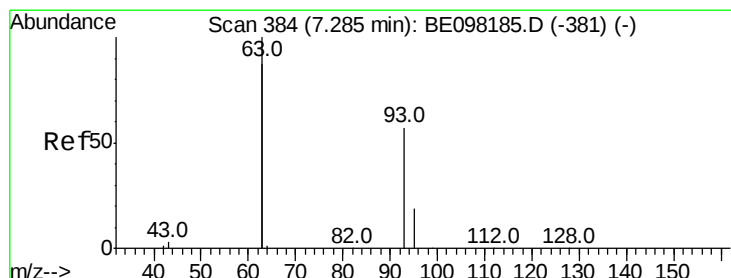
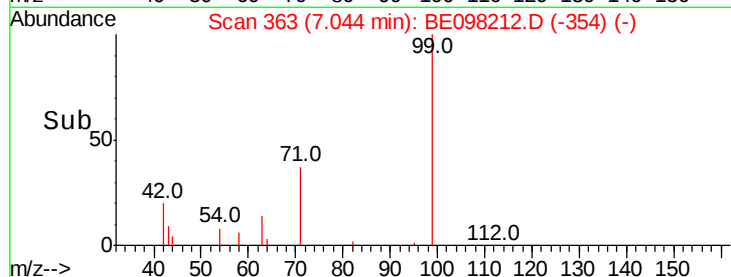
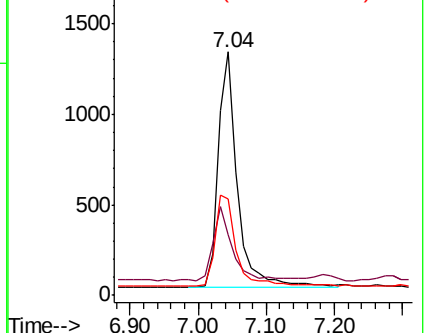
71 42.2 37.0 55.6



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: 0.391 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

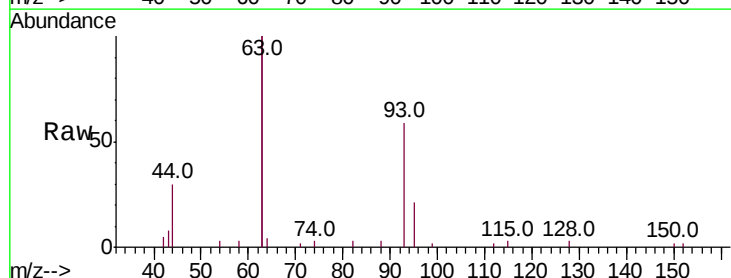
Tgt Ion: 93 Resp: 1926

Ion Ratio Lower Upper

93 100

63 335.7 272.6 409.0

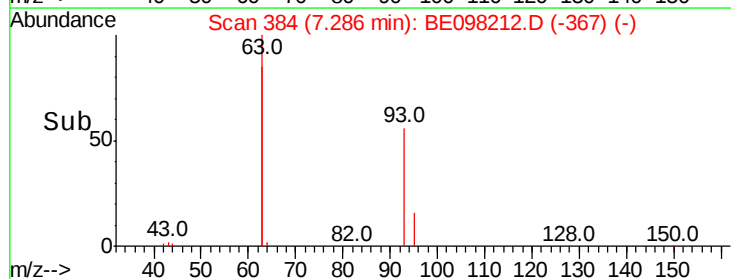
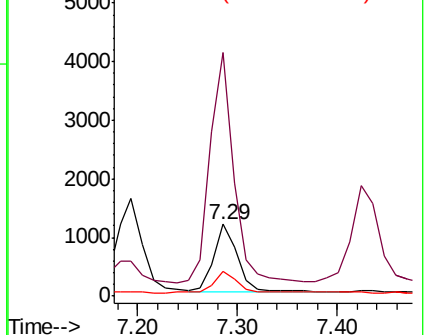
95 31.4 27.1 40.7

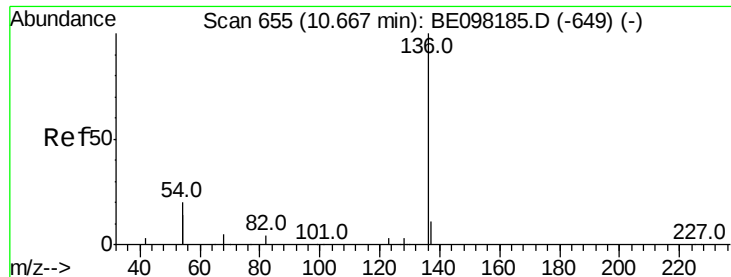


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6589

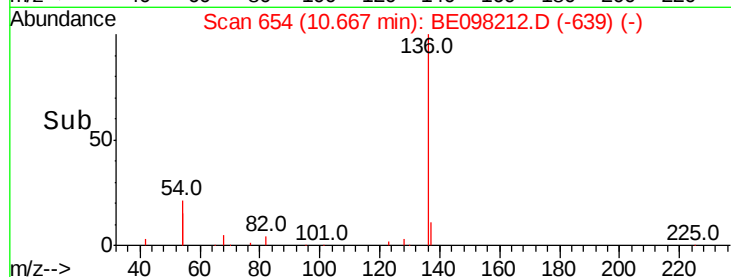
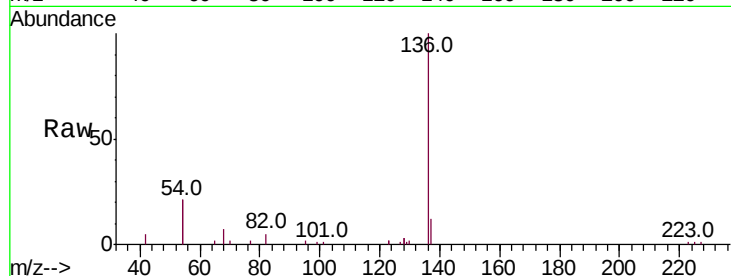
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 42.0 31.3 46.9

68 6.6 4.8 7.2

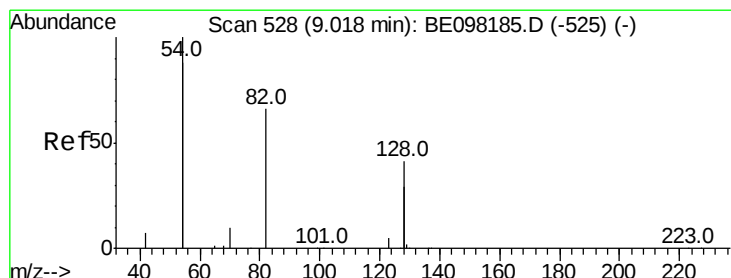
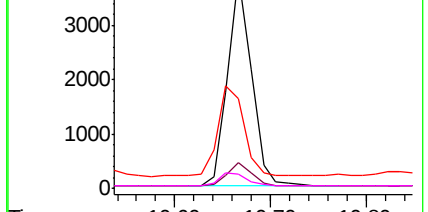


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE098212.D

Acq: 13 Nov 2018 16:58

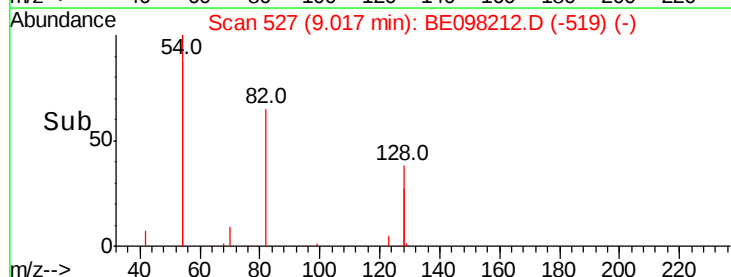
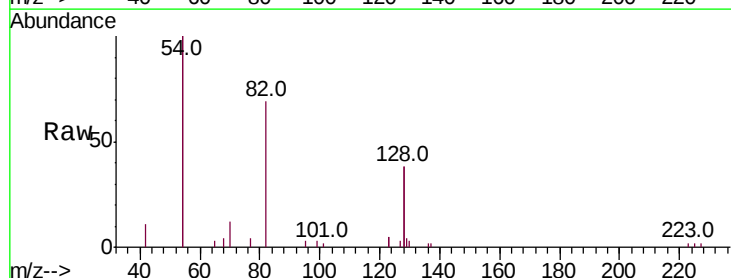
Tgt Ion: 82 Resp: 2602

Ion Ratio Lower Upper

82 100

128 110.7 96.1 144.1

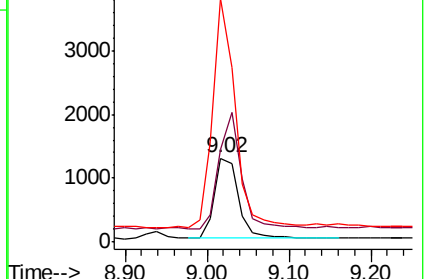
54 291.0 232.0 348.0

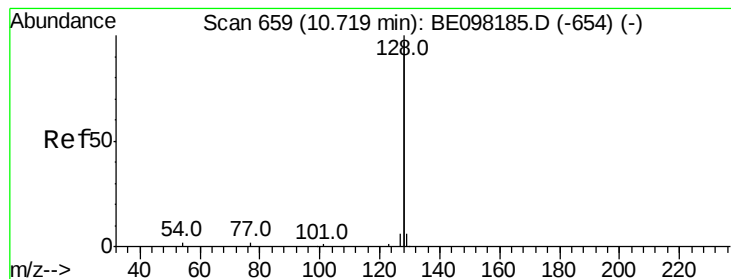


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

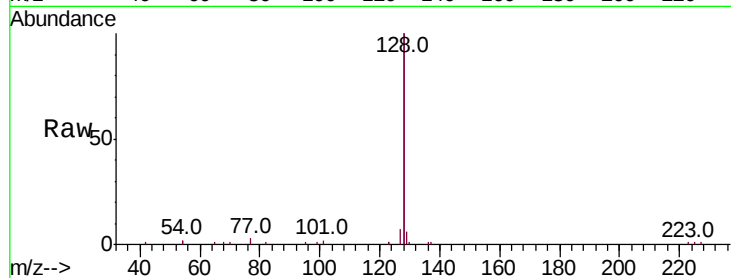
Tot Ion:128 Resp: 25907

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

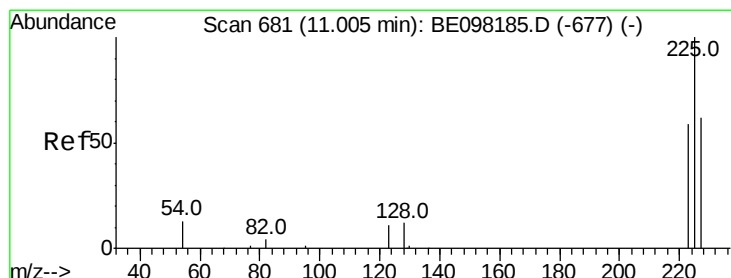
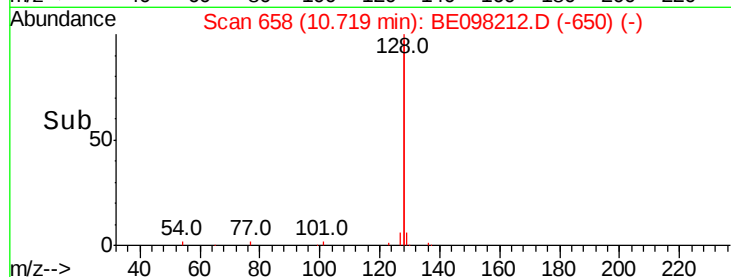
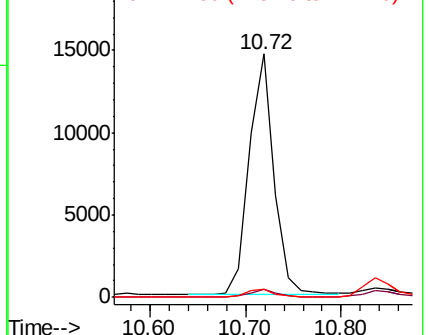
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.380 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

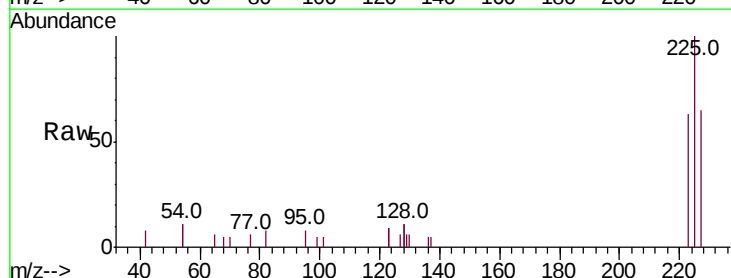
Tgt Ion:225 Resp: 1581

Ion Ratio Lower Upper

225 100

223 63.9 50.5 75.7

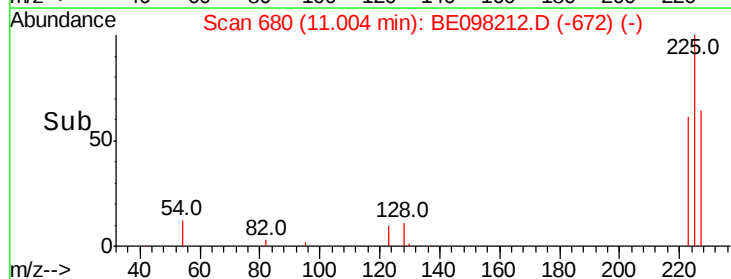
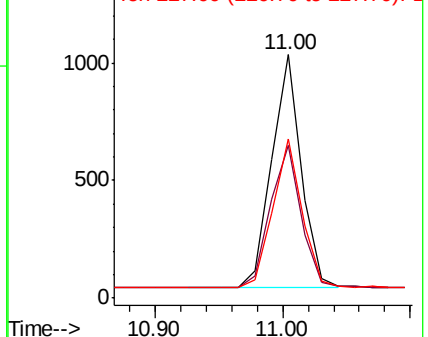
227 63.2 50.3 75.5

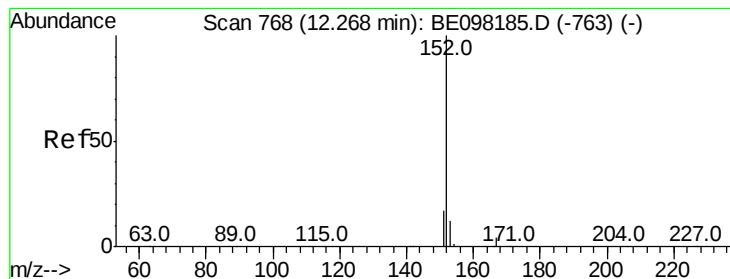


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

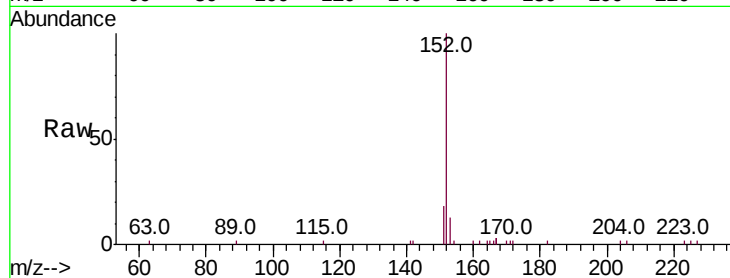
ClientSampleId :

Tot Ion:152 Resp: 4559

Ion Ratio Lower Upper

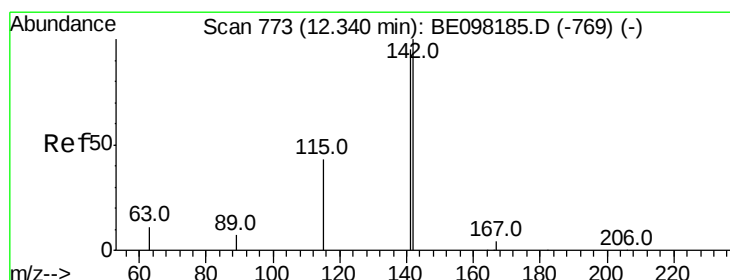
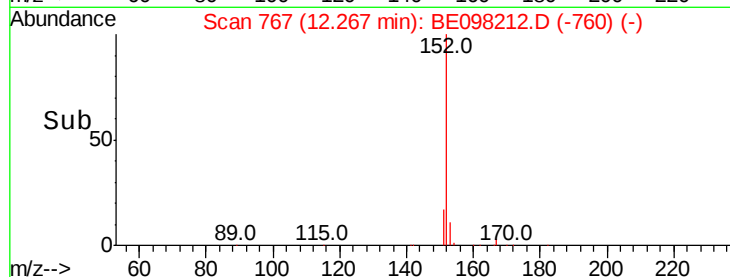
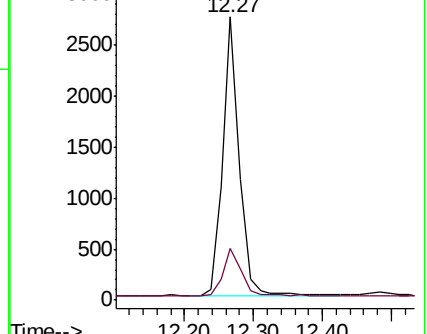
152 100

151 18.9 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: 0.404 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

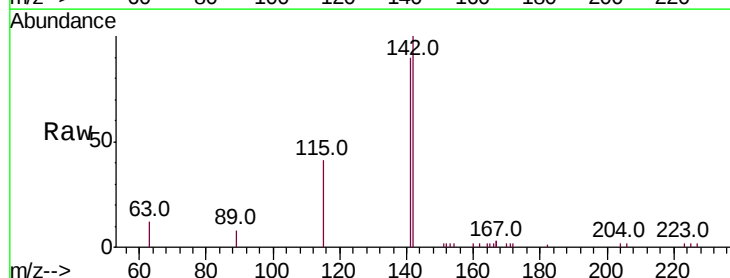
Tgt Ion:142 Resp: 4698

Ion Ratio Lower Upper

142 100

141 89.8 76.3 114.5

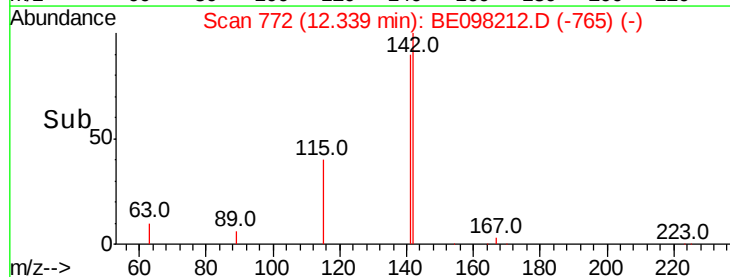
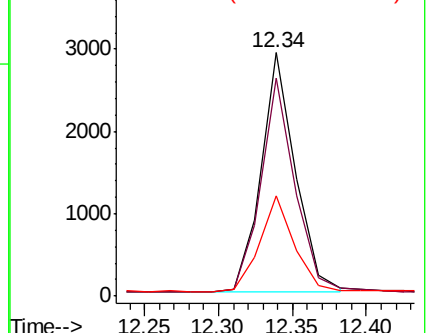
115 41.1 35.8 53.8

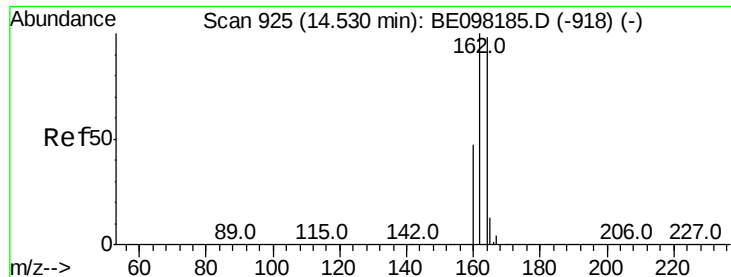


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

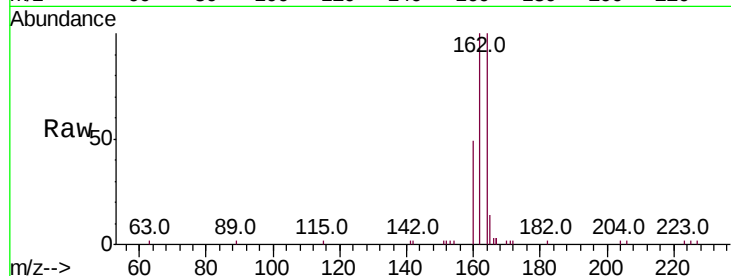




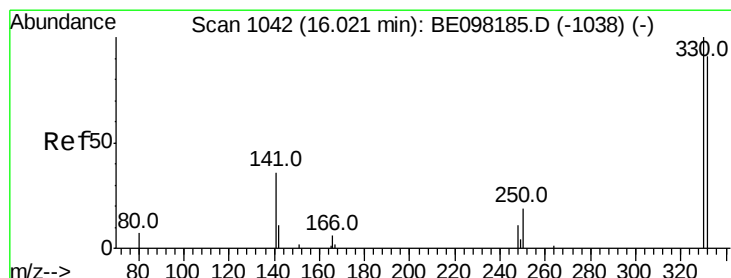
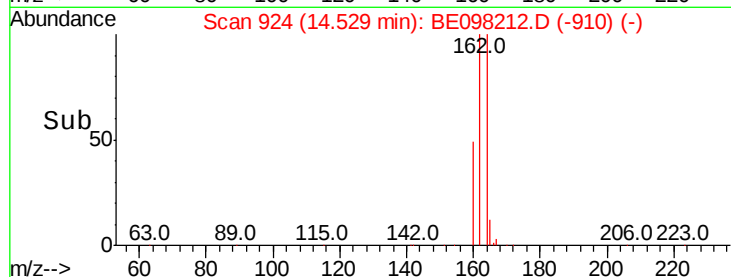
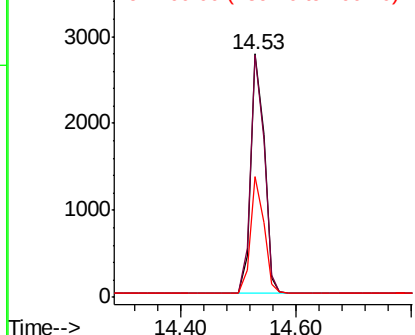
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4551
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 49.4 39.4 59.0

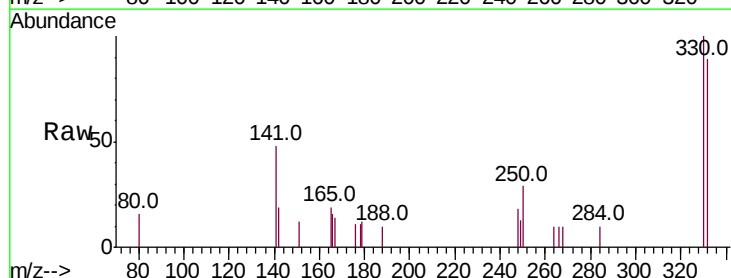


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

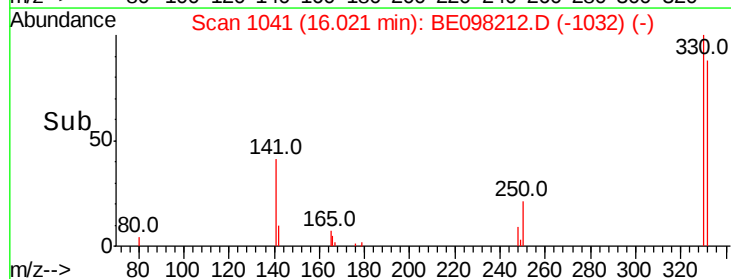
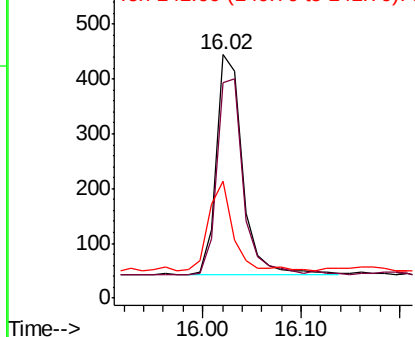


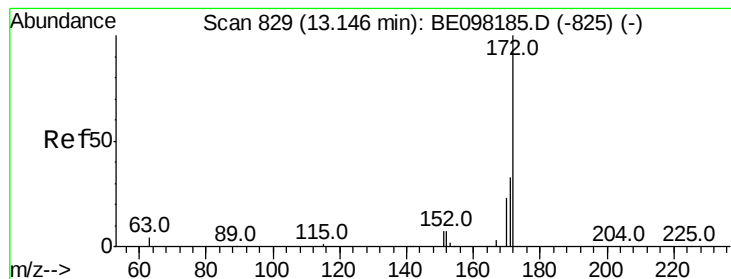
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:330 Resp: 737
Ion Ratio Lower Upper
330 100
332 89.7 77.7 116.5
141 36.8 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

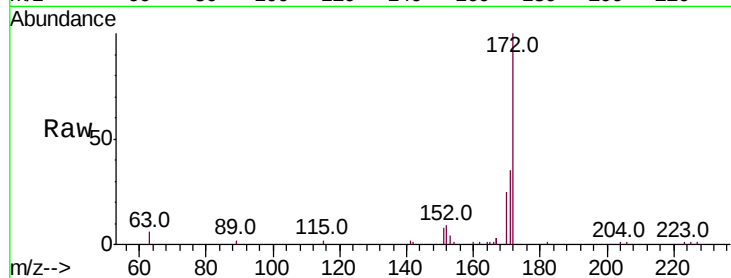




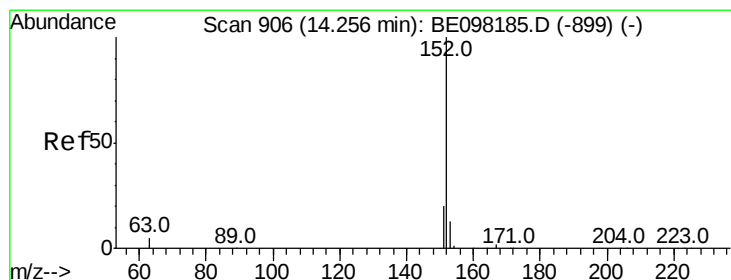
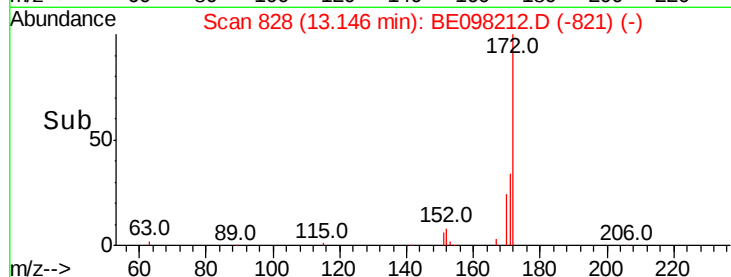
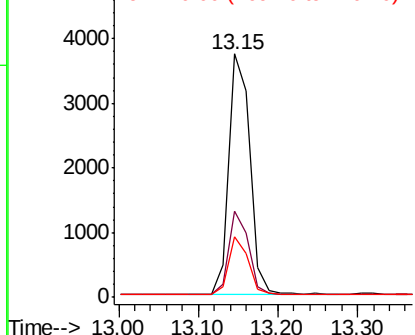
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6830
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 24.8 19.4 29.0

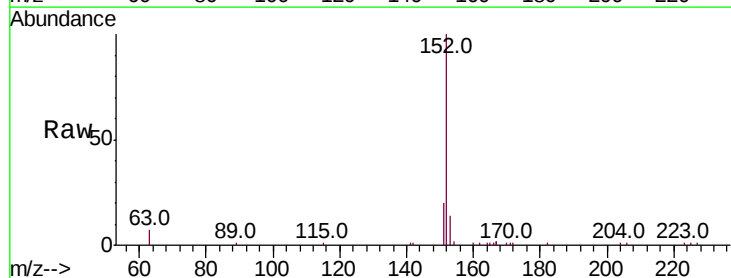


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

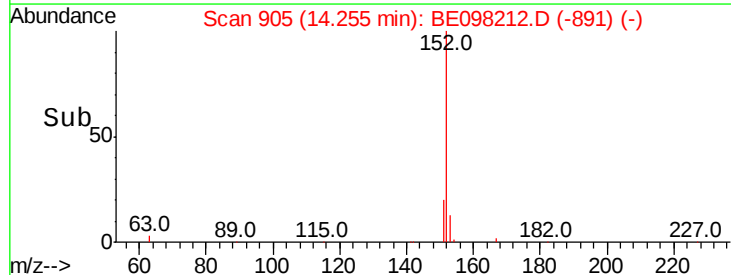
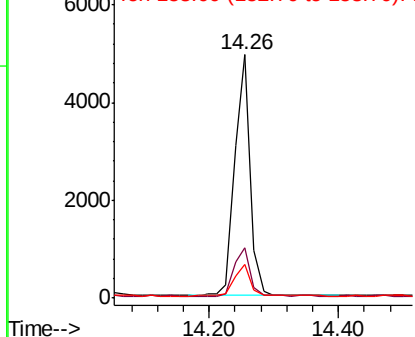


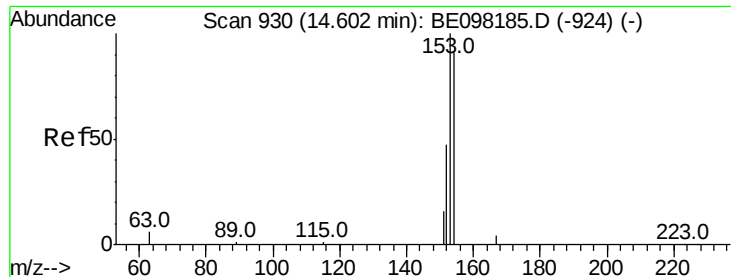
#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:152 Resp: 8139
Ion Ratio Lower Upper
152 100
151 20.3 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: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

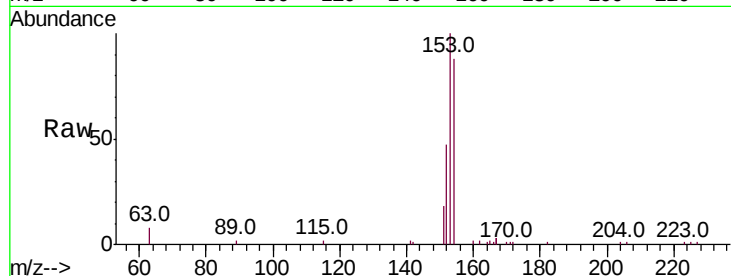
Tot Ion:154 Resp: 4894

Ion Ratio Lower Upper

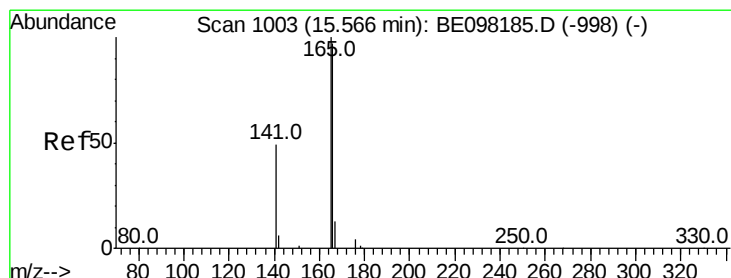
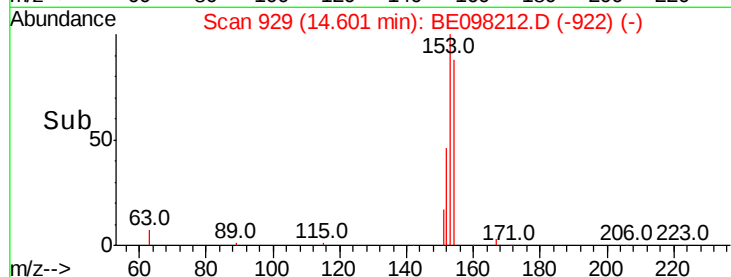
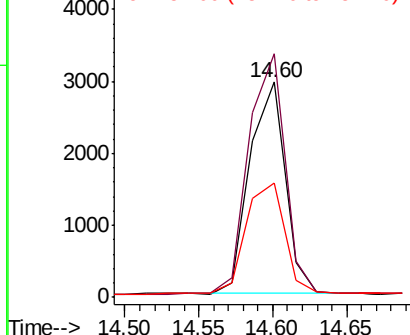
154 100

153 116.0 92.1 138.1

152 57.0 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: 0.395 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

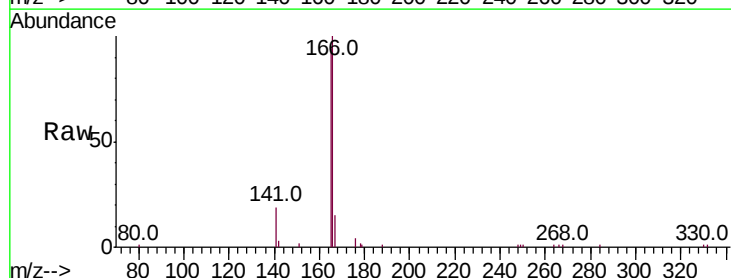
Tgt Ion:166 Resp: 6440

Ion Ratio Lower Upper

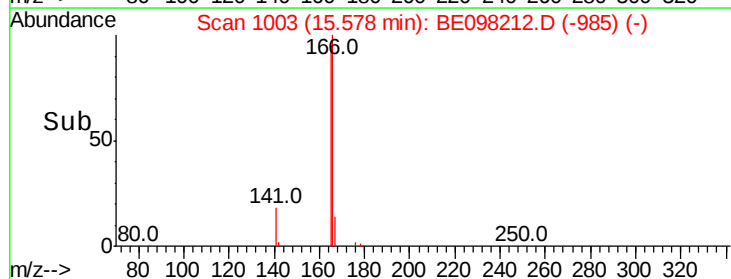
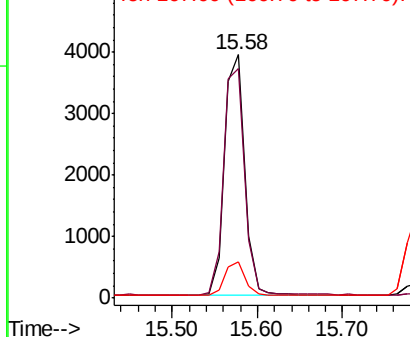
166 100

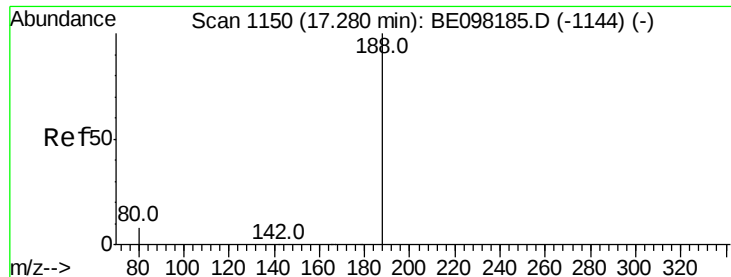
165 98.3 80.1 120.1

167 13.3 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: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

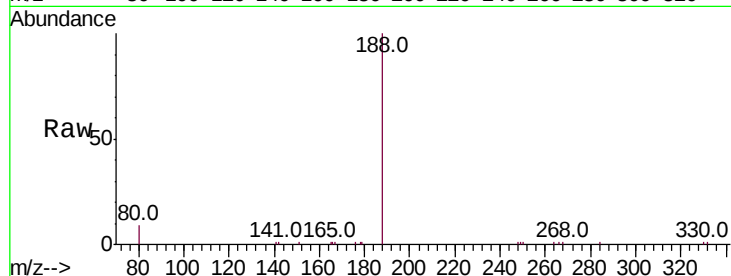
Tot Ion:188 Resp: 10815

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 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

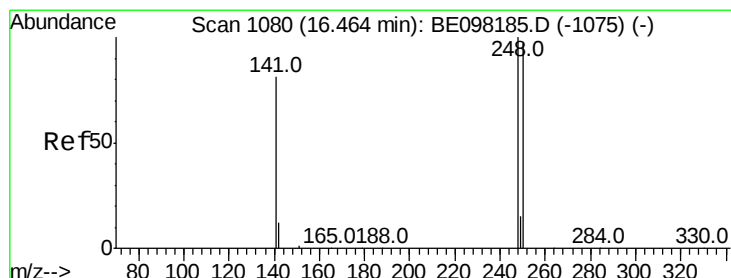
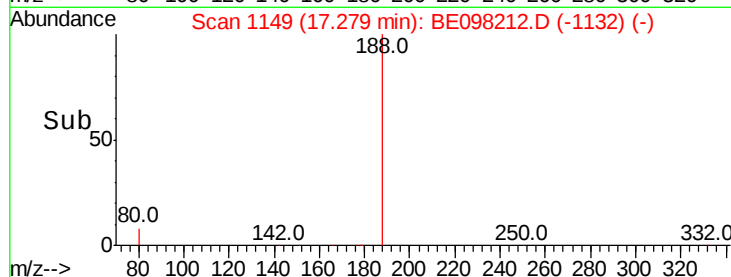
0

17.28

17.30

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.370 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

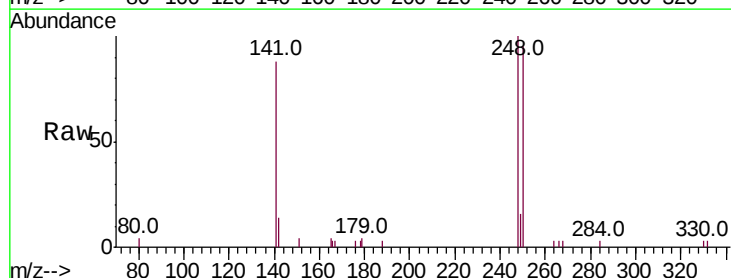
Tgt Ion:248 Resp: 2439

Ion Ratio Lower Upper

248 100

250 94.7 77.6 116.4

141 87.8 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

2000

1500

1000

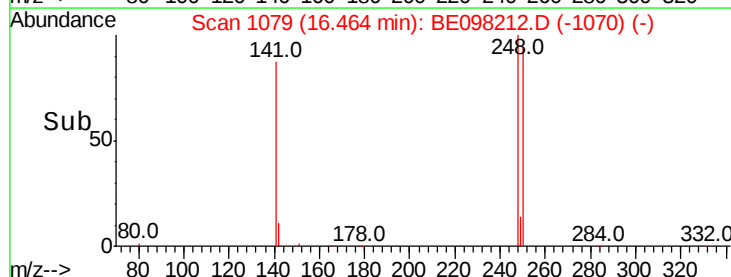
500

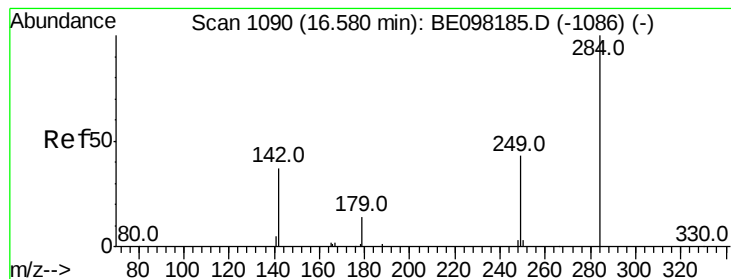
0

16.46

16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

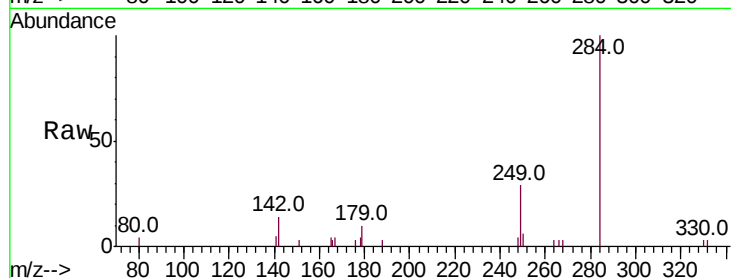
Tot Ion:284 Resp: 2592

Ion Ratio Lower Upper

284 100

142 33.3 26.5 39.7

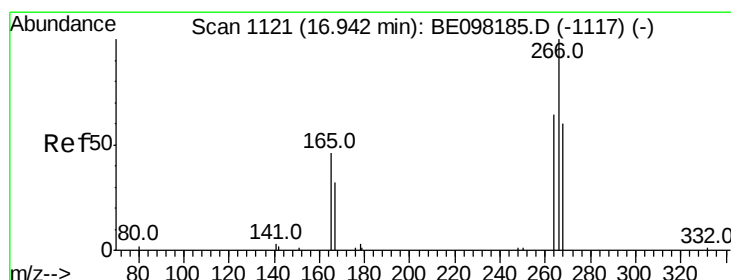
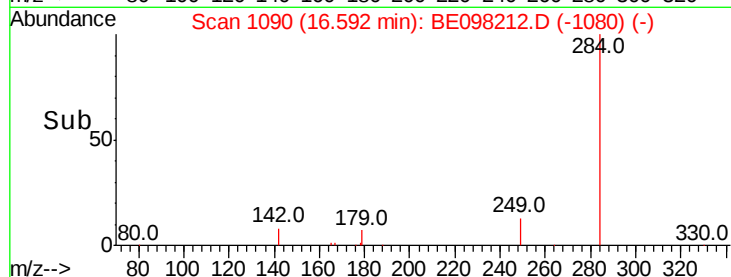
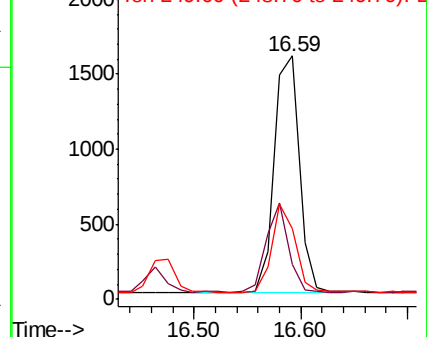
249 34.2 28.4 42.6



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



#22

Pentachlorophenol

Concen: 0.494 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

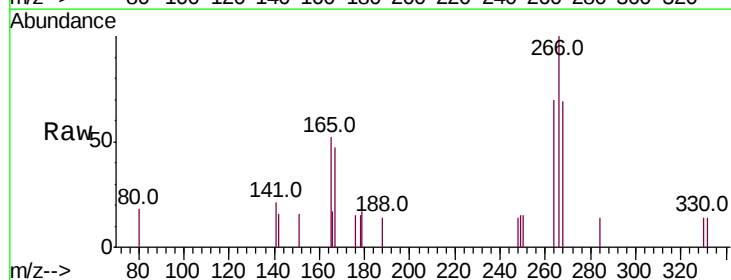
Tgt Ion:266 Resp: 633

Ion Ratio Lower Upper

266 100

264 69.8 57.6 86.4

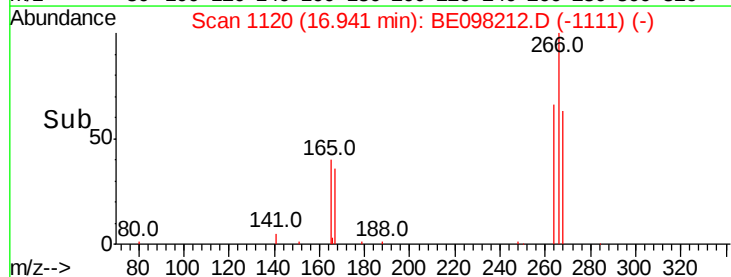
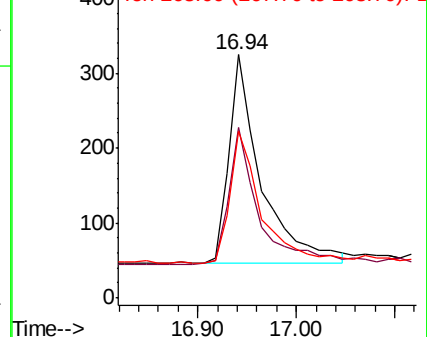
268 68.6 56.8 85.2

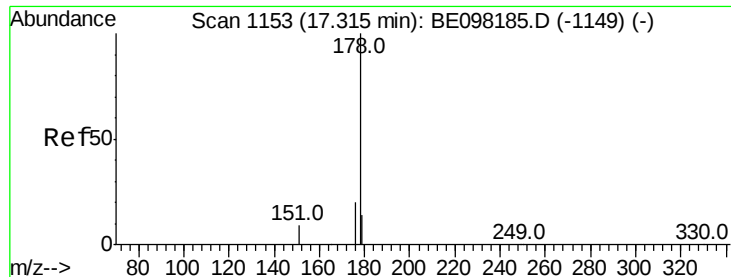


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

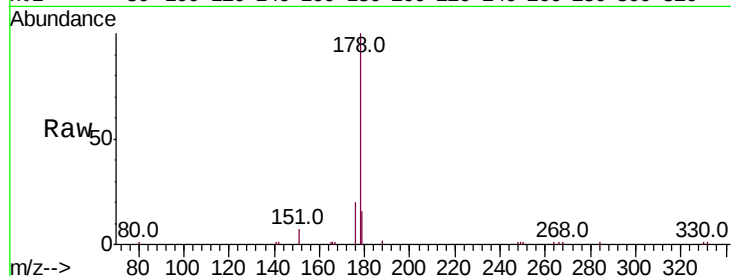
Tot Ion:178 Resp: 10429

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

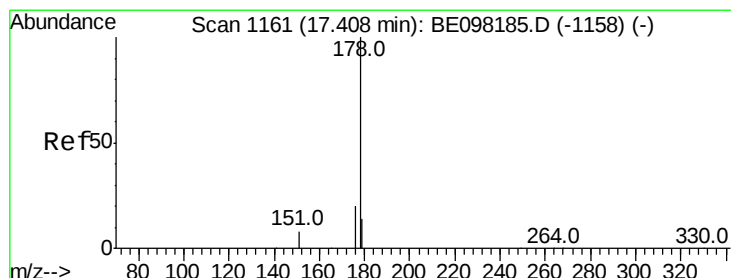
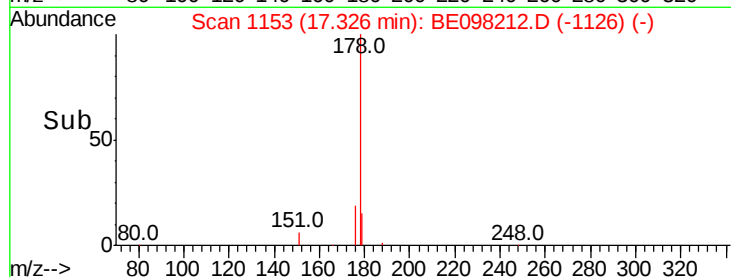
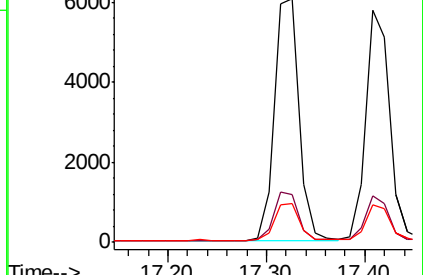
179 15.1 12.3 18.5



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: 0.379 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

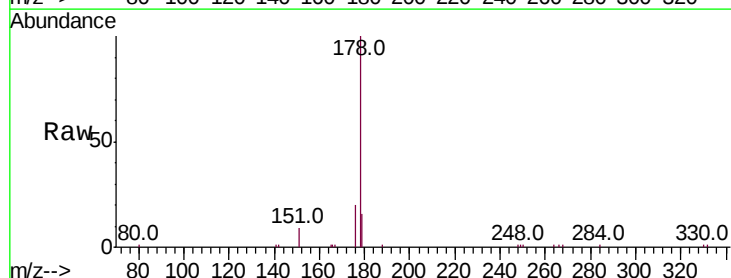
Tgt Ion:178 Resp: 9520

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

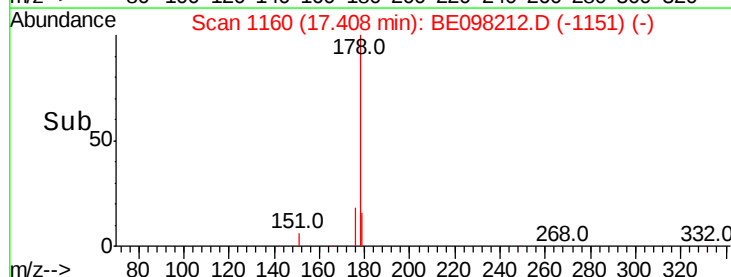
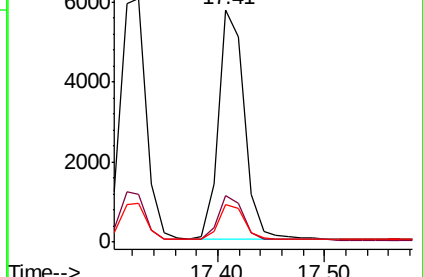
179 15.5 12.1 18.1

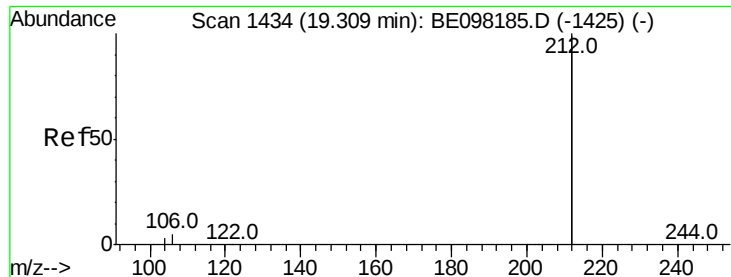


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

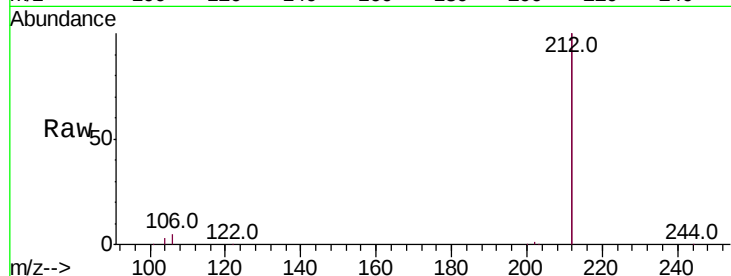
Tot Ion:212 Resp: 51336

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

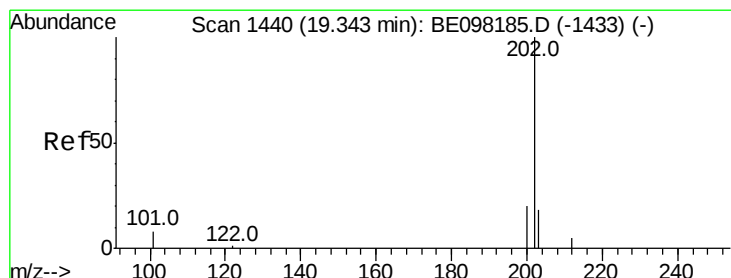
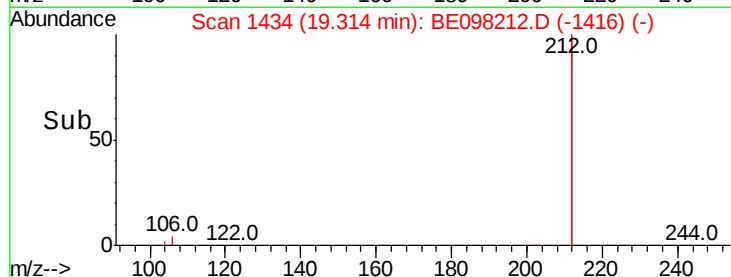
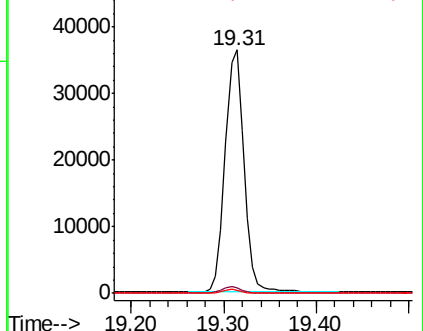
104 1.5 1.1 1.7



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: 0.384 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

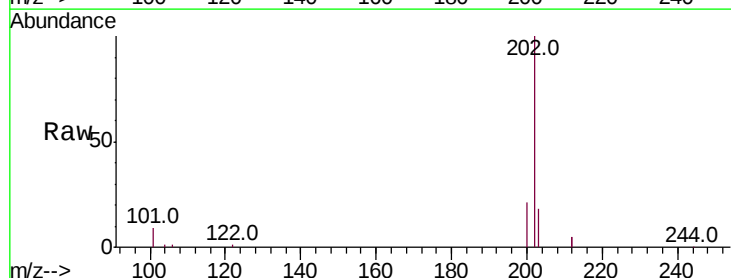
Tgt Ion:202 Resp: 12820

Ion Ratio Lower Upper

202 100

101 9.7 7.0 10.6

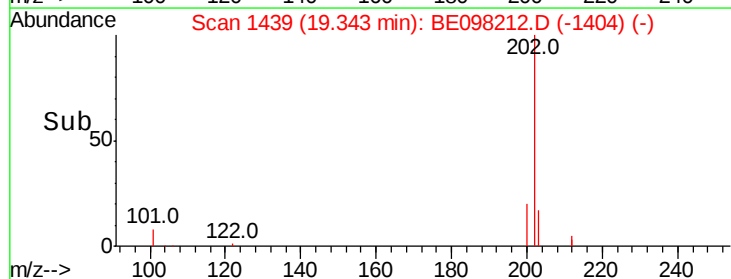
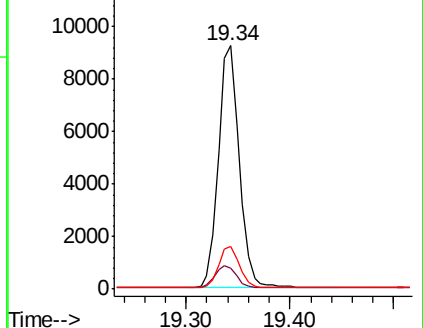
203 17.1 13.7 20.5

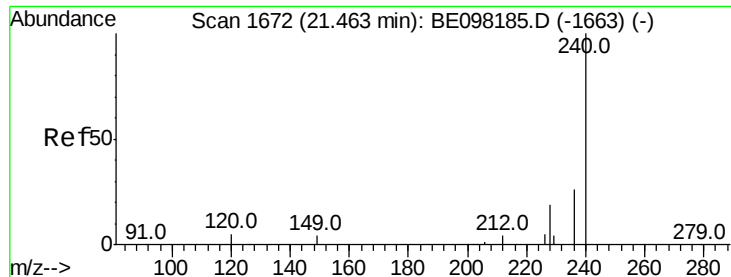


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

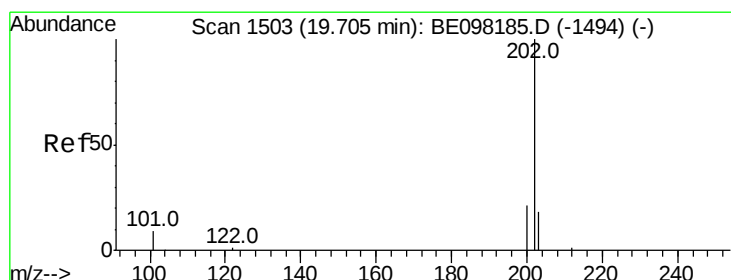
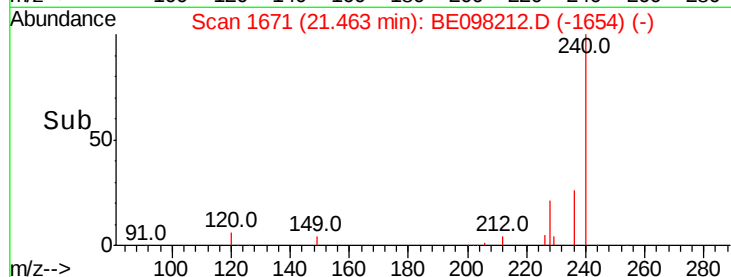
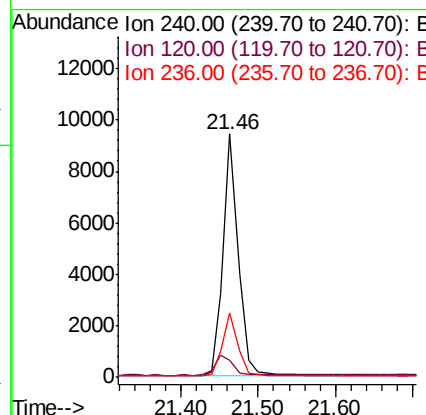
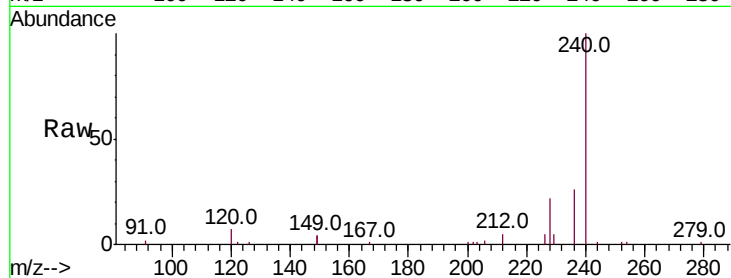




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098212.D
 Acq: 13 Nov 2018 16:58

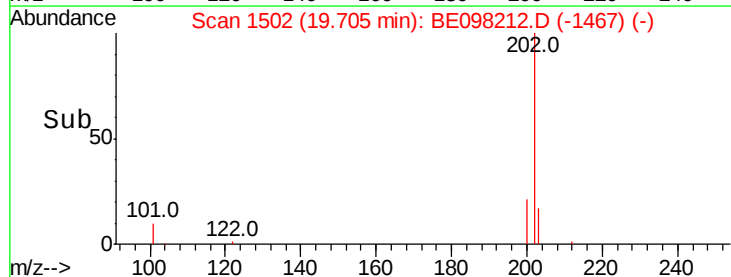
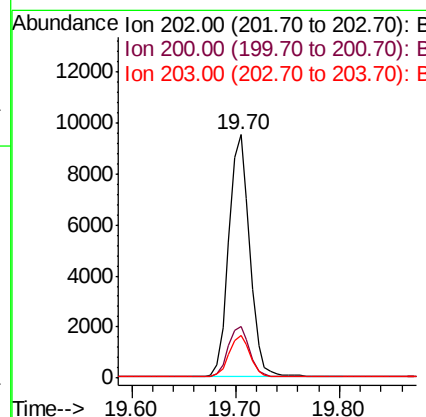
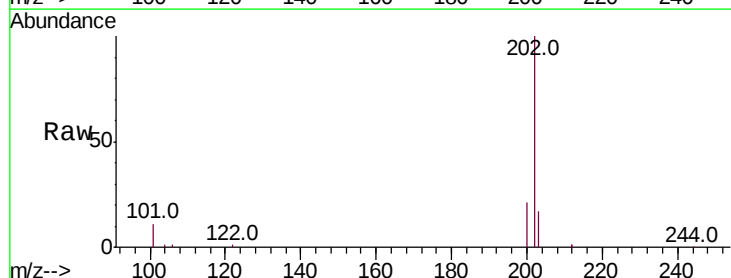
Instrument :
 BNA_E
 ClientSampleId :

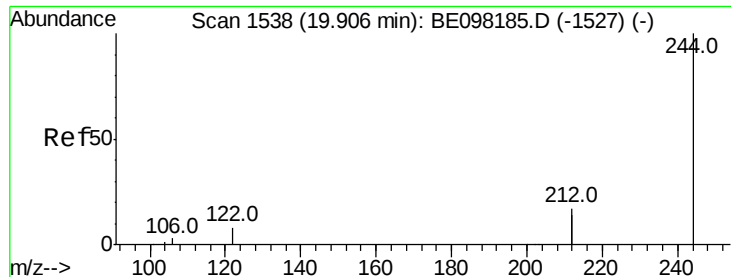
Tot Ion:240 Resp: 12948
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.8 7.2
 236 26.5 21.4 32.0



#28
 Pyrene
 Concen: 0.374 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098212.D
 Acq: 13 Nov 2018 16:58

Tgt Ion:202 Resp: 13317
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.3 14.2 21.4





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampled :

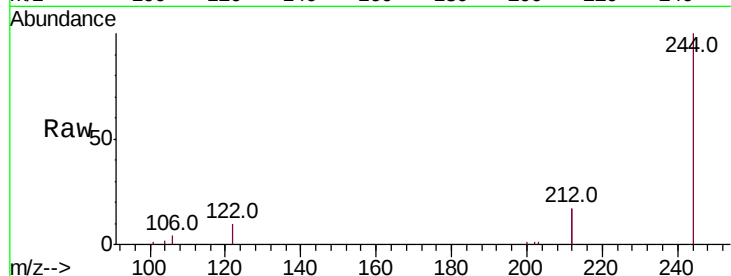
Tot Ion:244 Resp: 10643

Ion Ratio Lower Upper

244 100

212 34.8 26.8 40.2

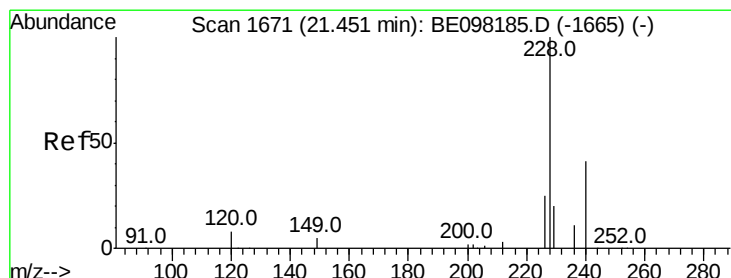
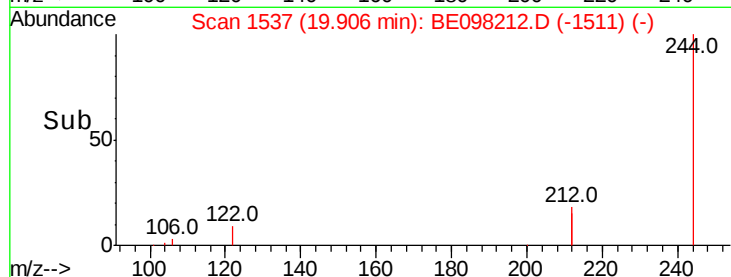
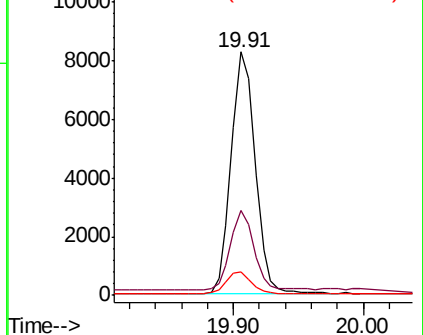
122 9.7 7.0 10.6



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: 0.375 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

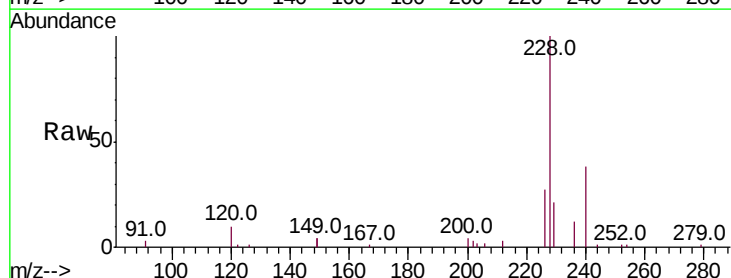
Tgt Ion:228 Resp: 13789

Ion Ratio Lower Upper

228 100

226 27.1 20.7 31.1

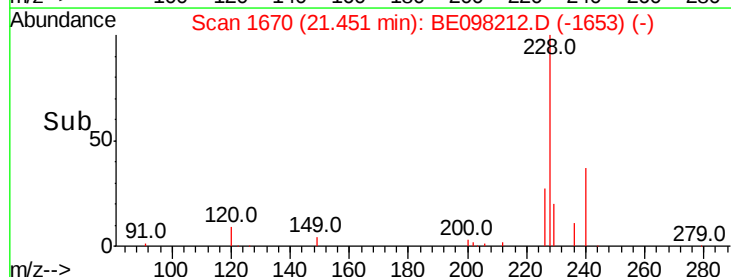
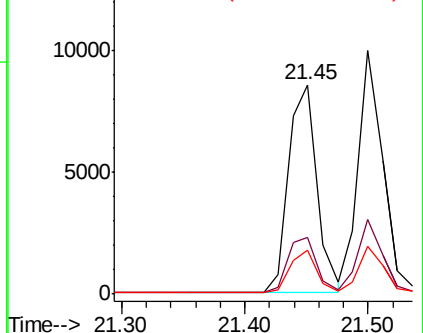
229 20.8 16.2 24.4

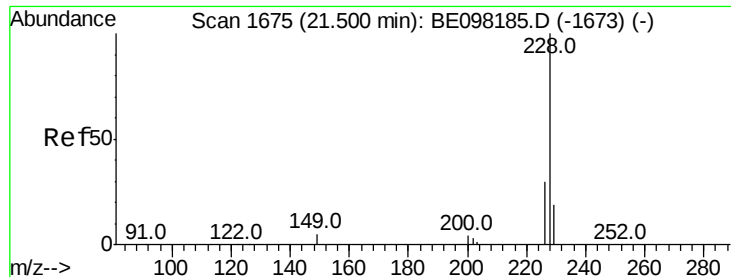


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.369 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampled :

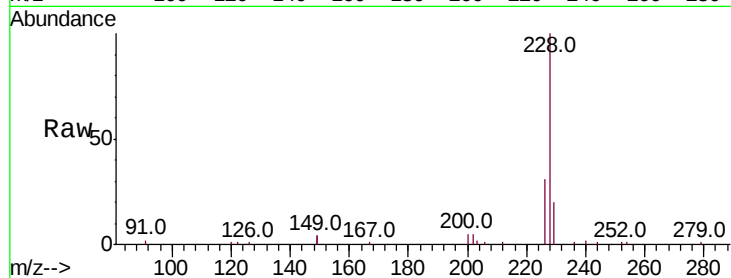
Tot Ion:228 Resp: 13786

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

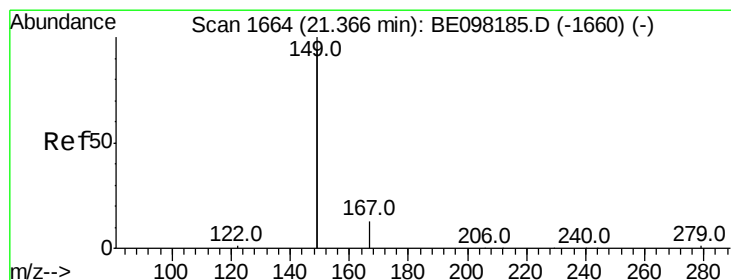
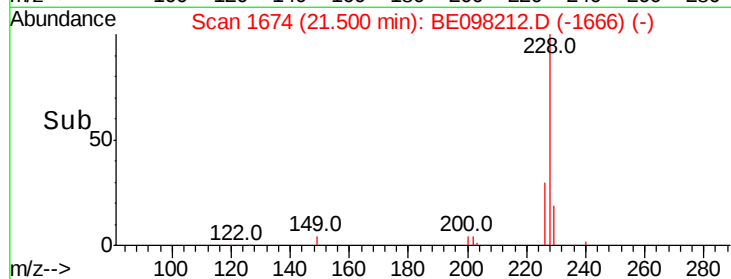
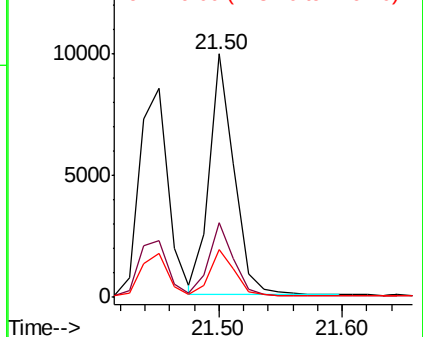
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.406 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

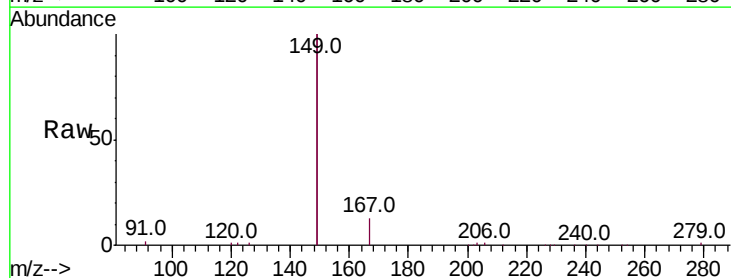
Tgt Ion:149 Resp: 31039

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

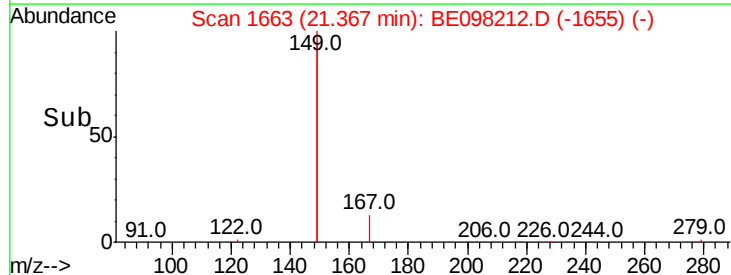
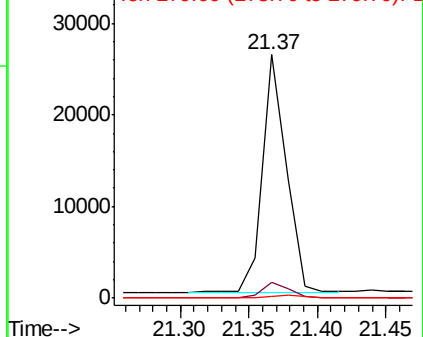
279 1.1 0.9 1.3

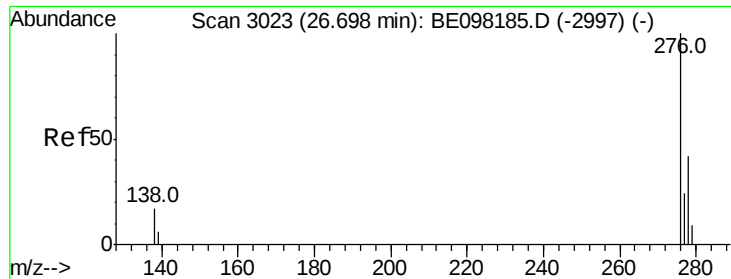


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

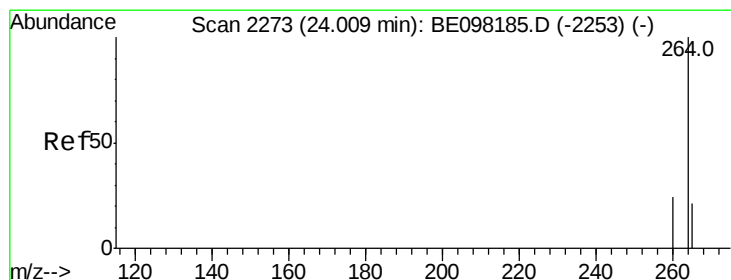
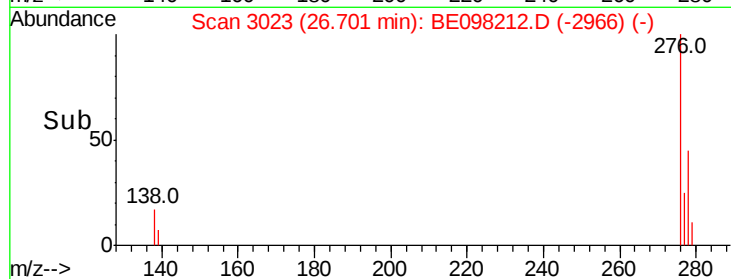
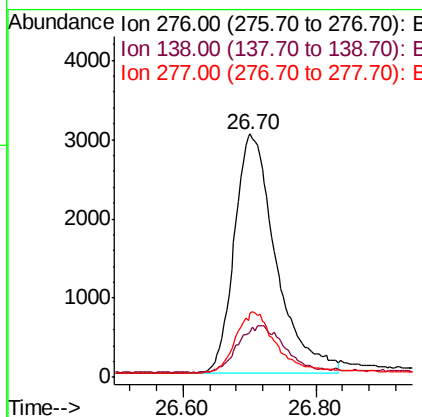
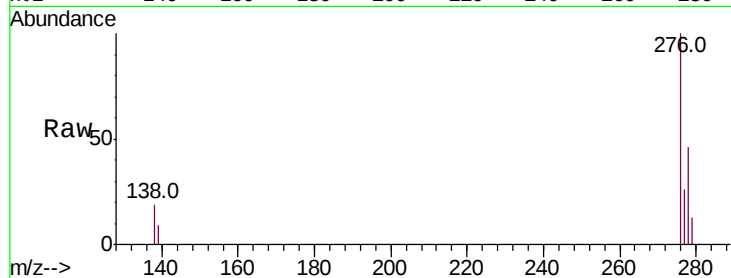




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.384 ng
 RT: 26.70 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: BE098212.D
 Acq: 13 Nov 2018 16:58

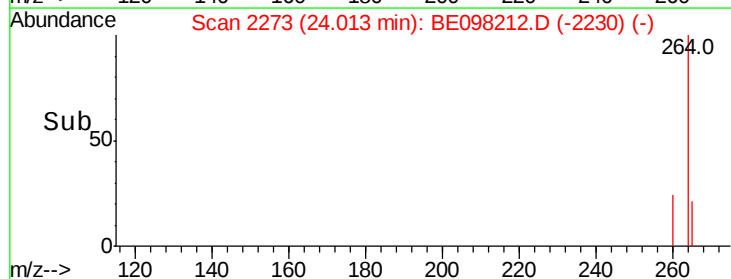
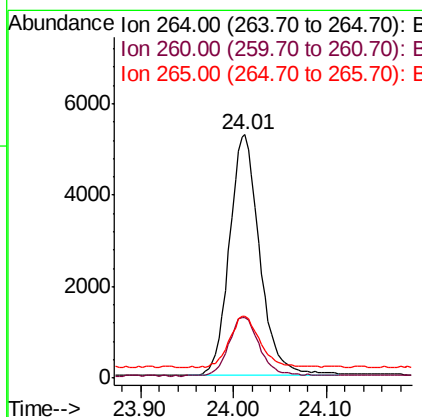
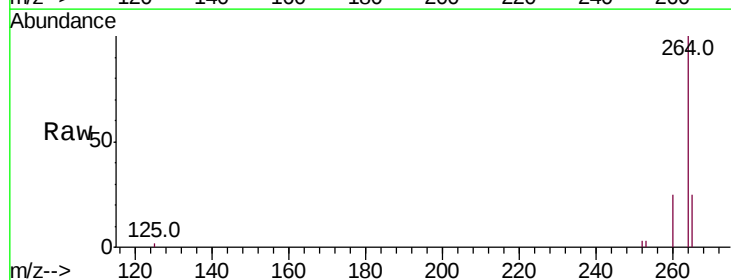
Instrument :
 BNA_E
 ClientSampleId :

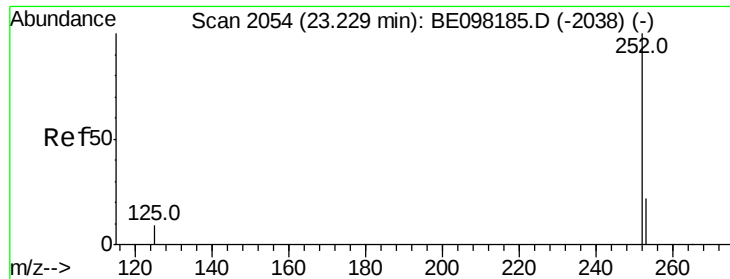
Tot Ion:276 Resp: 13147
 Ion Ratio Lower Upper
 276 100
 138 0.0 6.4 9.6#
 277 25.6 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BE098212.D
 Acq: 13 Nov 2018 16:58

Tgt Ion:264 Resp: 11929
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 25.2 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

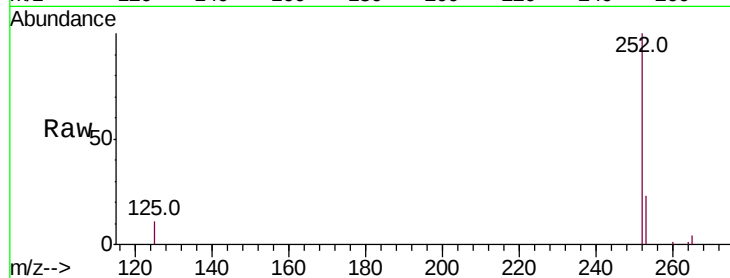
Tot Ion:252 Resp: 12783

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.0

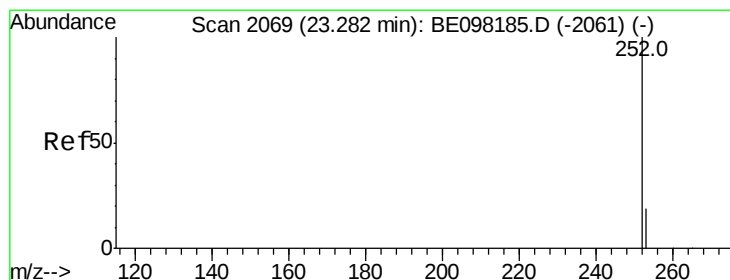
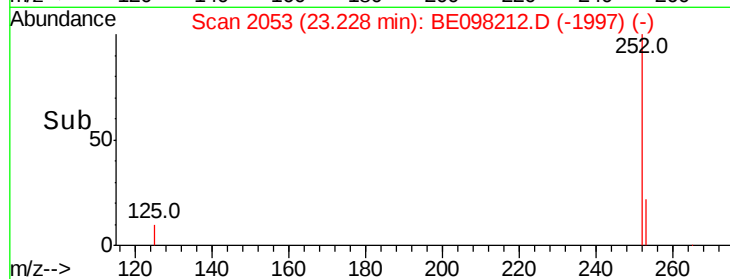
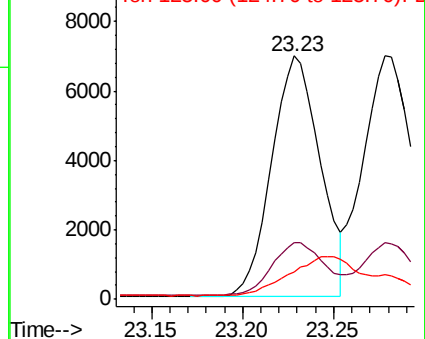
125 11.3 8.6 12.8



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: 0.387 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

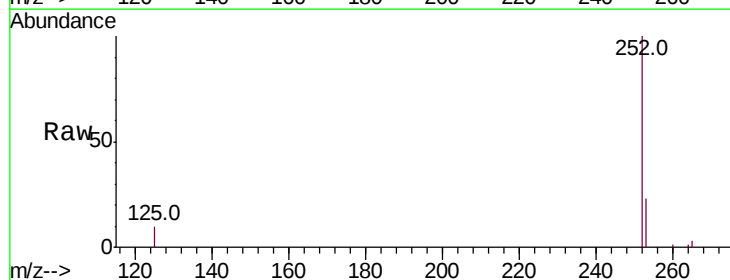
Tgt Ion:252 Resp: 13831

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

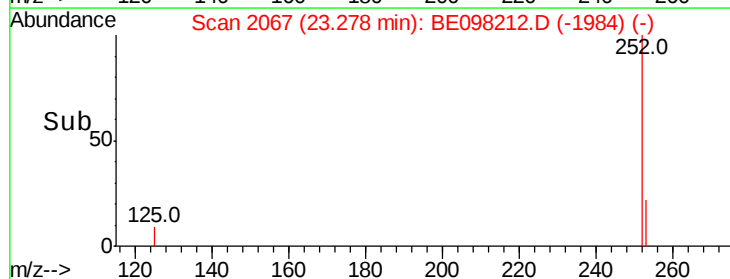
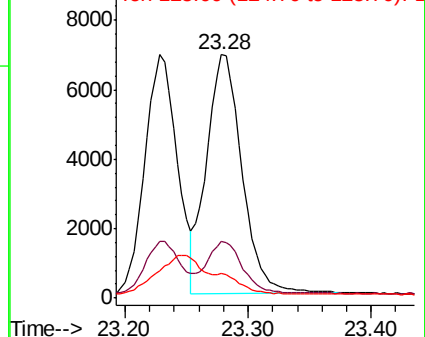
125 10.3 7.4 11.0

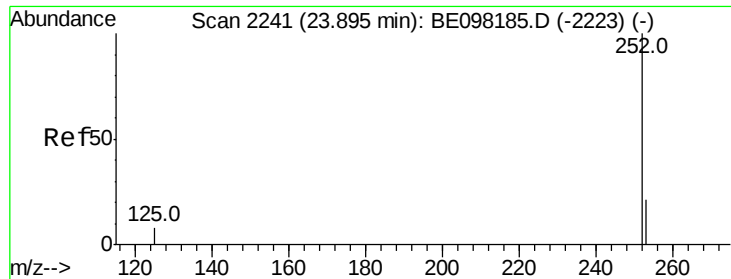


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

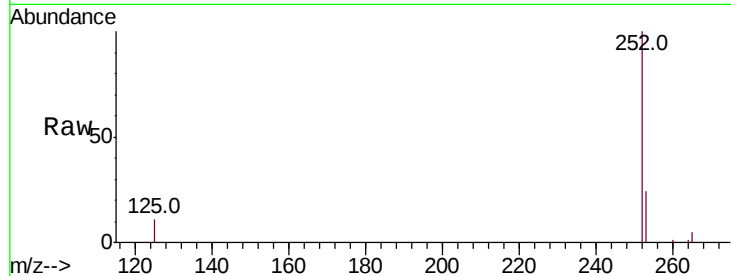




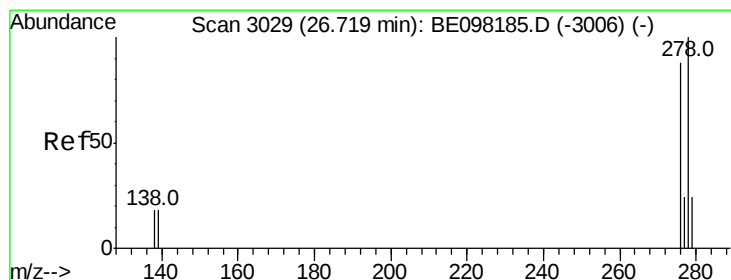
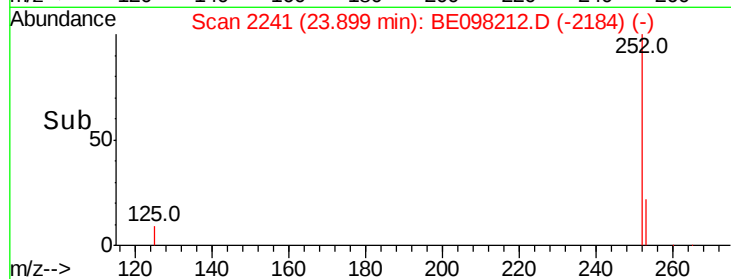
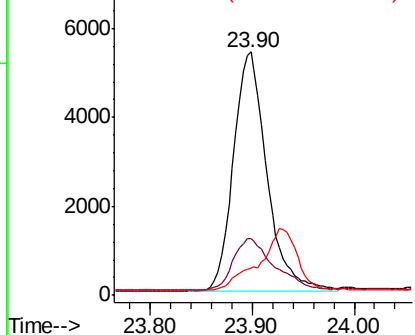
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 12363
Ion Ratio Lower Upper
252 100
253 23.6 18.6 27.8
125 11.3 8.0 12.0

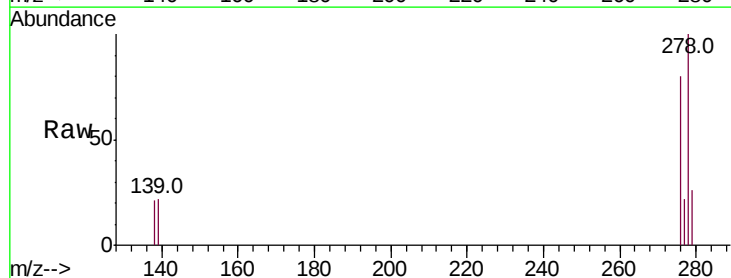


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

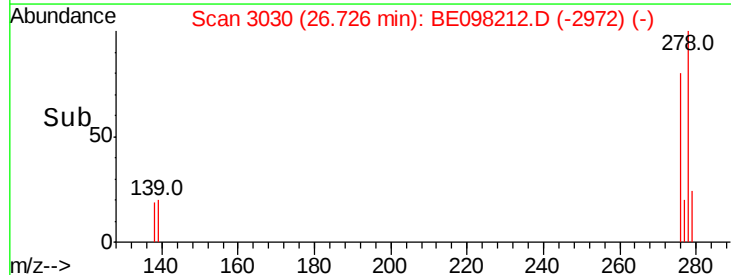
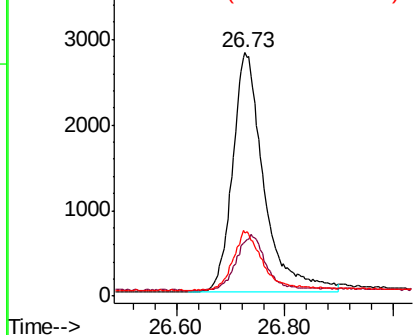


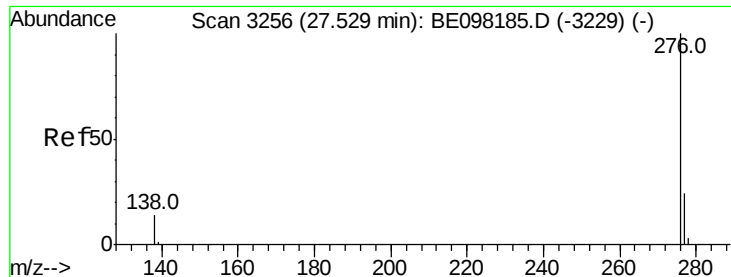
#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098212.D
Acq: 13 Nov 2018 16:58

Tgt Ion:278 Resp: 11248
Ion Ratio Lower Upper
278 100
139 22.0 16.4 24.6
279 25.7 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: 0.380 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098212.D

Acq: 13 Nov 2018 16:58

Instrument :

BNA_E

ClientSampleId :

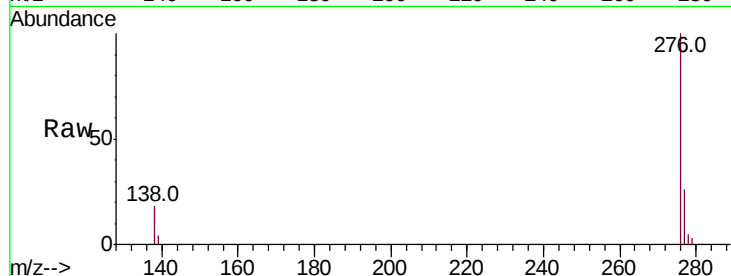
Tot Ion:276 Resp: 10966

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 17.8 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

