

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098236.D
 Acq On : 16 Nov 2018 19:06
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111618

Quant Time: Nov 16 19:38:11 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	1421	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6634	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4238	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9709	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10448	0.40	ng	0.00
34) Perylene-d12	24.02	264	10006	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1618	0.42	ng	0.00
5) Phenol-d6	7.04	99	2504	0.42	ng	0.00
8) Nitrobenzene-d5	9.02	82	2718	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4786	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	582	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7366	0.40	ng	0.00
25) Fluoranthene-d10	19.31	212	47764	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	9851	0.41	ng	0.00

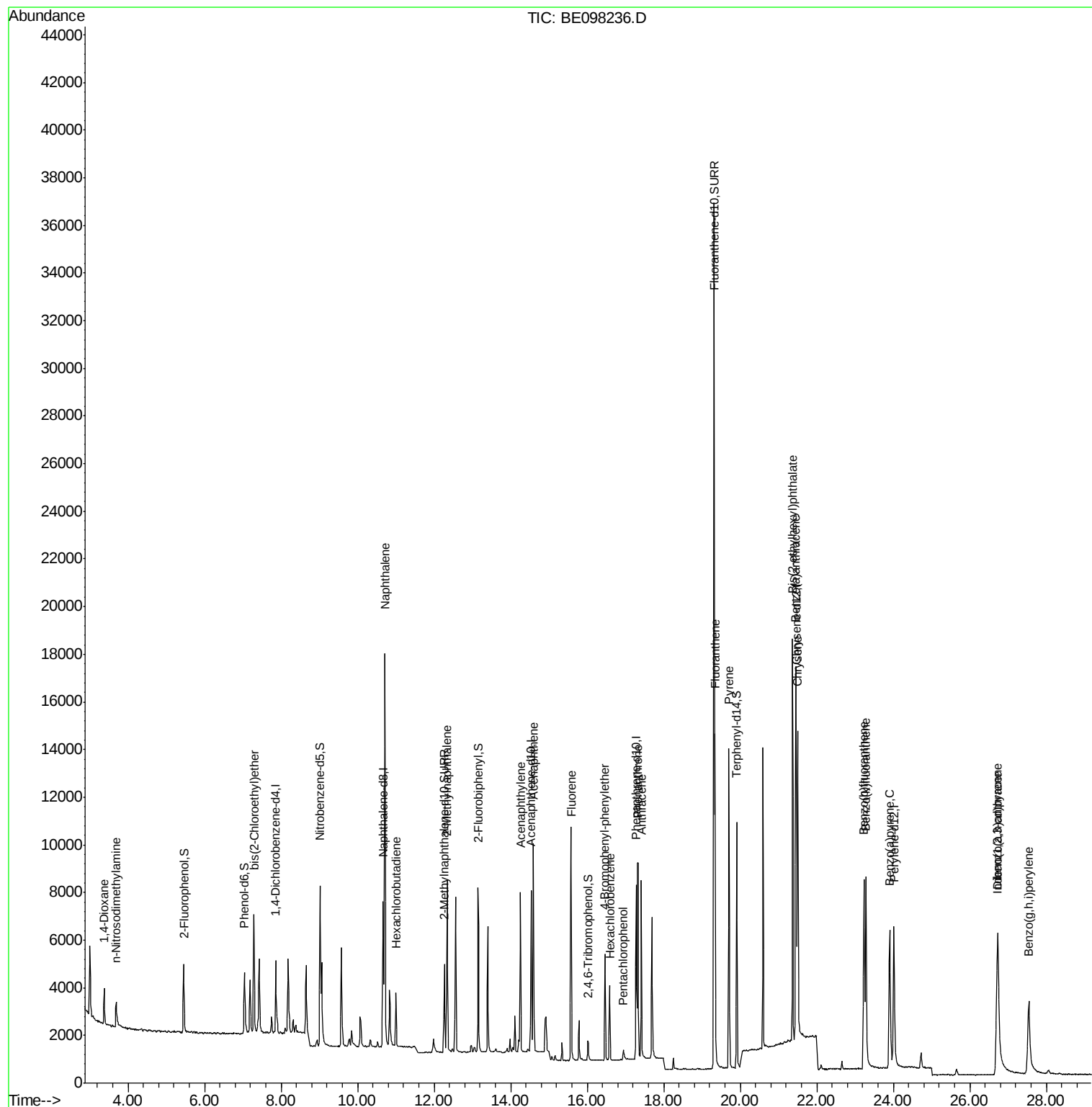
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	914	0.410	ng	92
3) n-Nitrosodimethylamine	3.68	42	1026	0.409	ng	94
6) bis(2-Chloroethyl)ether	7.29	93	2053	0.400	ng	93
9) Naphthalene	10.72	128	28156	0.417	ng	100
10) Hexachlorobutadiene	11.00	225	1625	0.410	ng	98
12) 2-Methylnaphthalene	12.34	142	4957	0.417	ng	93
16) Acenaphthylene	14.25	152	8064	0.400	ng	100
17) Acenaphthene	14.60	154	4888	0.406	ng	99
18) Fluorene	15.58	166	6288	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2434	0.405	ng	96
21) Hexachlorobenzene	16.59	284	2539	0.409	ng	97
22) Pentachlorophenol	16.94	266	339	0.380	ng	91
23) Phenanthrene	17.33	178	10071	0.403	ng	100
24) Anthracene	17.41	178	9159	0.404	ng	99
26) Fluoranthene	19.34	202	12201	0.407	ng	99
28) Pyrene	19.70	202	12585	0.412	ng	99
30) Benzo(a)anthracene	21.45	228	12336	0.408	ng	98
31) Chrysene	21.50	228	13207	0.425	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	19946	0.423	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	11141	0.419	ng	98
35) Benzo(b)fluoranthene	23.23	252	11385	0.403	ng	97
36) Benzo(k)fluoranthene	23.28	252	13141	0.412	ng	99
37) Benzo(a)pyrene	23.90	252	11132	0.401	ng	98
38) Dibenzo(a,h)anthracene	26.74	278	9236	0.415	ng	98
39) Benzo(g,h,i)perylene	27.54	276	9538	0.398	ng	97

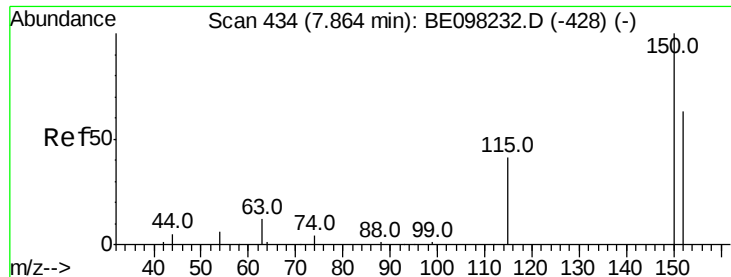
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

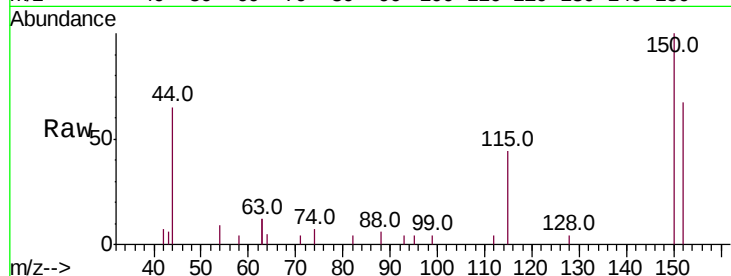
Tot Ion:152 Resp: 1421

Ion Ratio Lower Upper

152 100

150 149.8 127.5 191.3

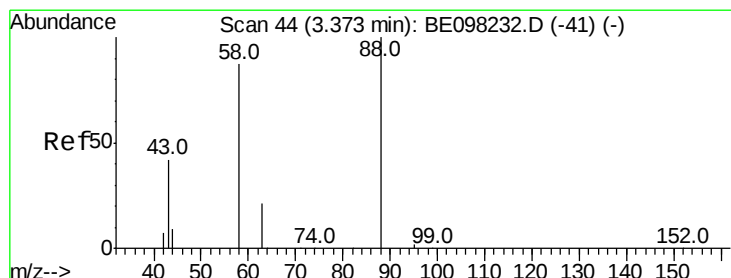
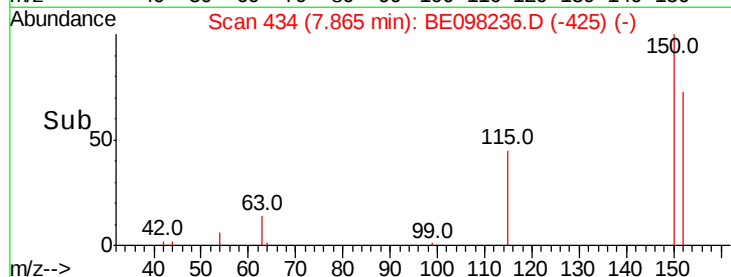
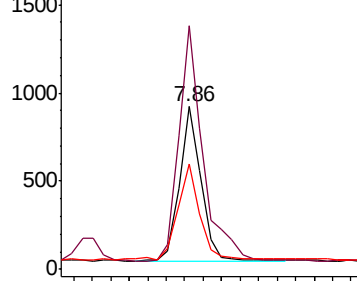
115 65.2 60.3 90.5



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: 0.410 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

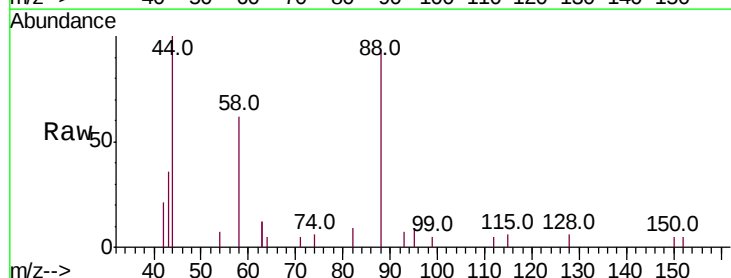
Tgt Ion: 88 Resp: 914

Ion Ratio Lower Upper

88 100

58 88.0 79.0 118.4

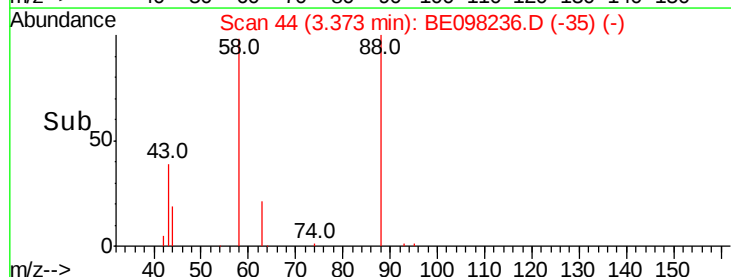
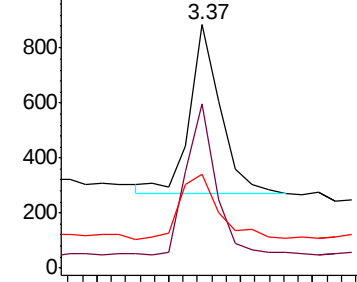
43 49.8 38.1 57.1

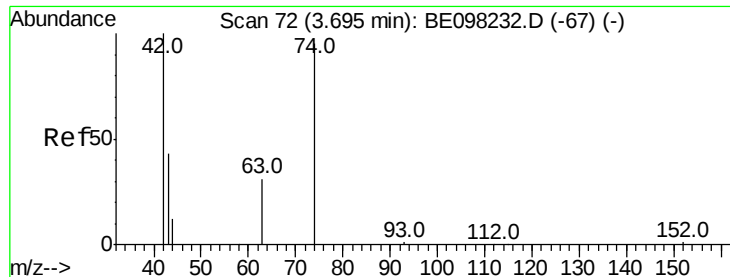


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.409 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

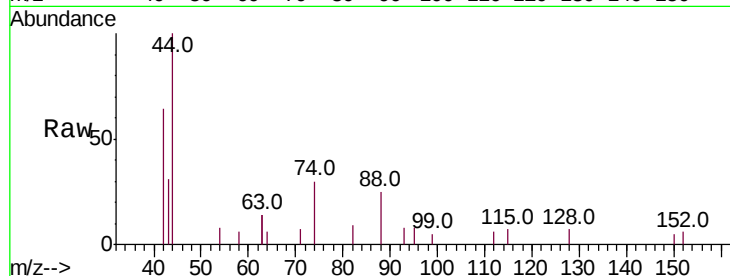
Tot Ion: 42 Resp: 1026

Ion Ratio Lower Upper

42 100

74 83.1 61.7 92.5

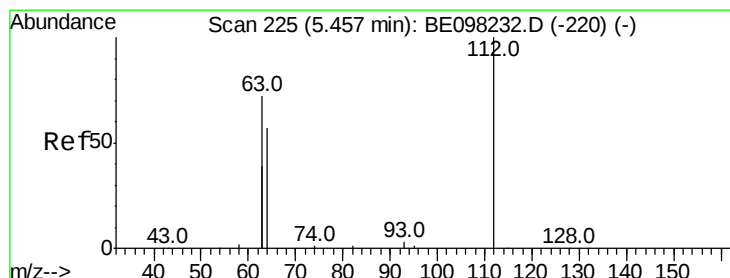
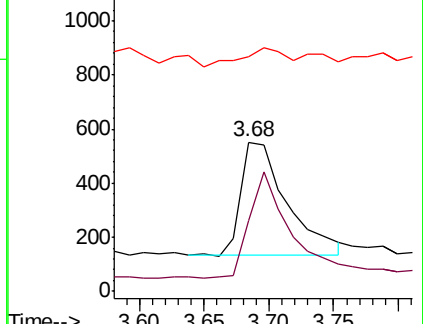
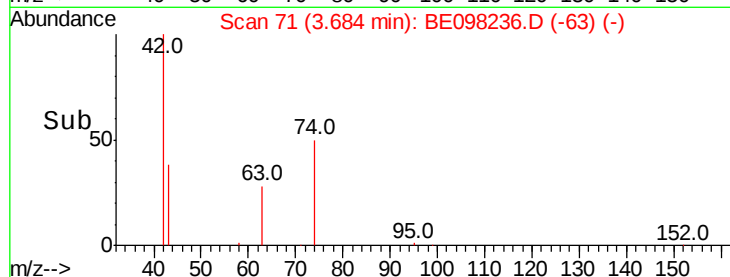
44 15.8 14.0 21.0



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: 0.425 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

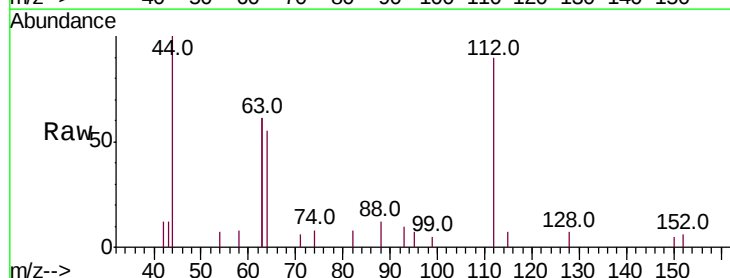
Tgt Ion: 112 Resp: 1618

Ion Ratio Lower Upper

112 100

64 73.9 61.7 92.5

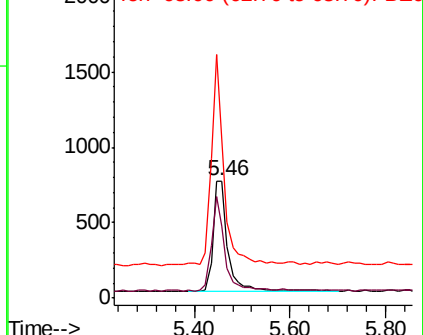
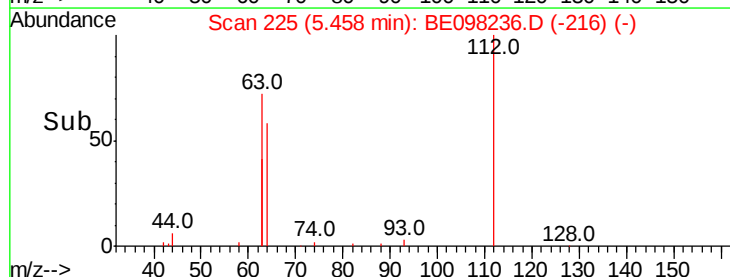
63 157.4 136.2 204.2

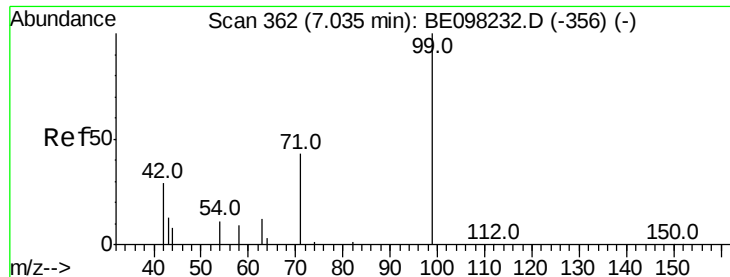


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.418 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

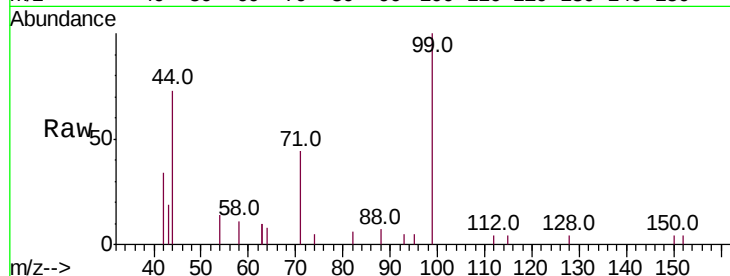
Tot Ion: 99 Resp: 2504

Ion Ratio Lower Upper

99 100

42 28.7 27.1 40.7

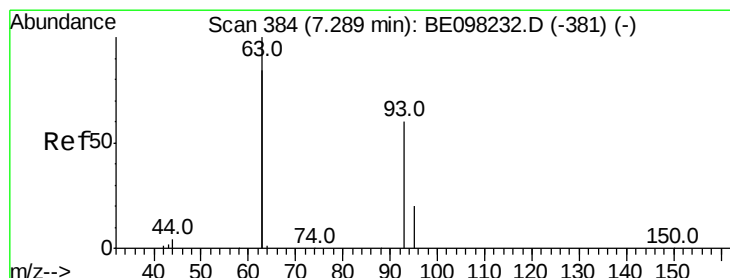
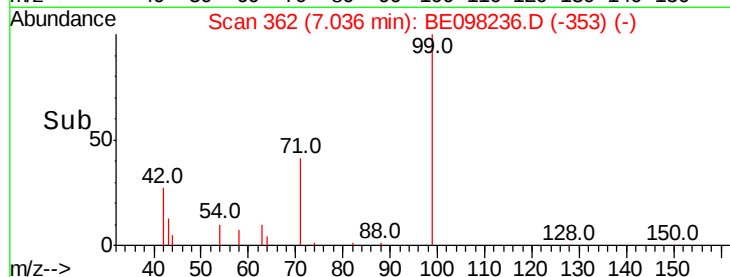
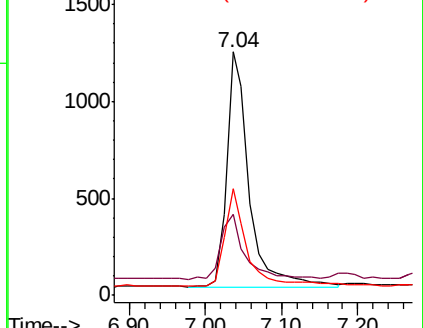
71 41.6 37.0 55.6



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: 0.400 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

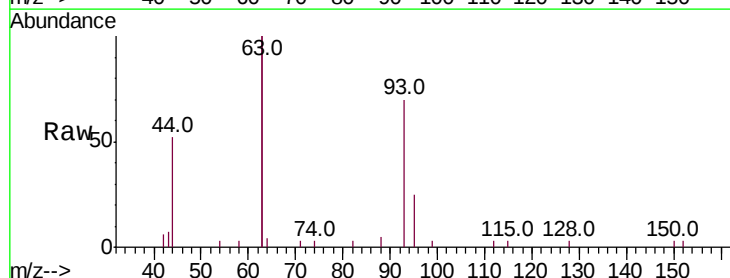
Tgt Ion: 93 Resp: 2053

Ion Ratio Lower Upper

93 100

63 326.0 272.6 409.0

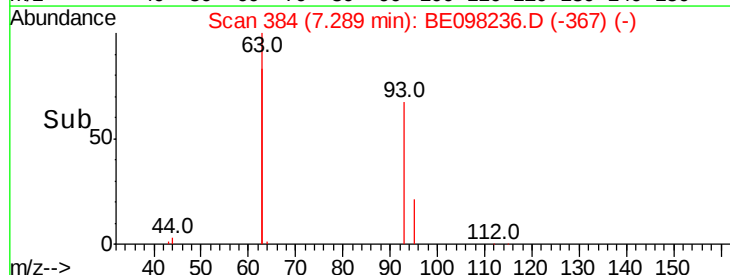
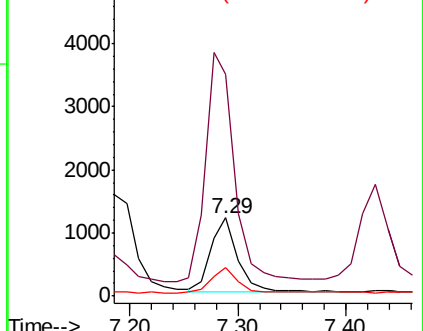
95 32.6 27.1 40.7

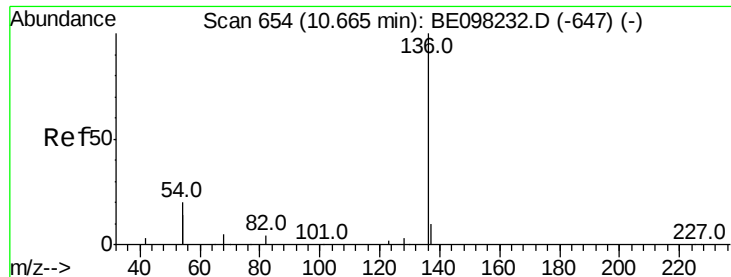


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

Tot Ion:136 Resp: 6634

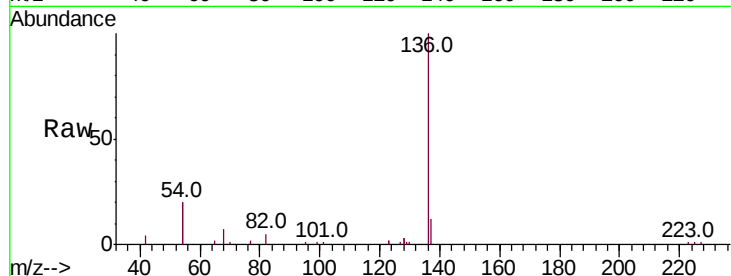
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 40.3 31.3 46.9

68 6.7 4.8 7.2

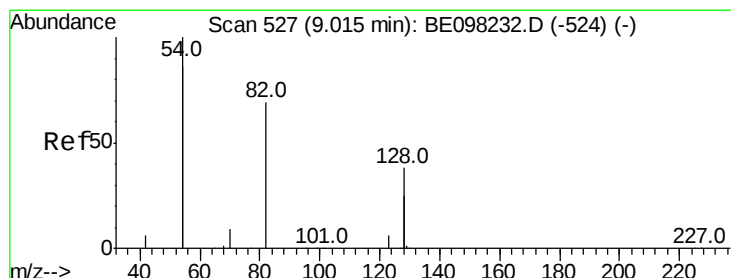
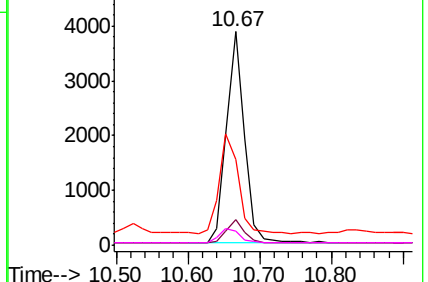
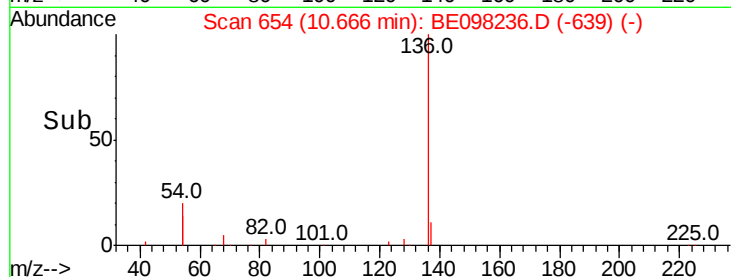


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

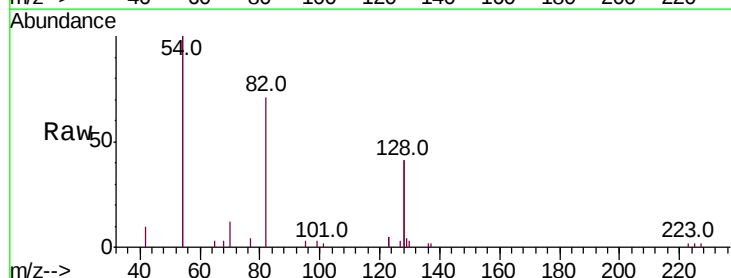
Tgt Ion: 82 Resp: 2718

Ion Ratio Lower Upper

82 100

128 114.7 96.1 144.1

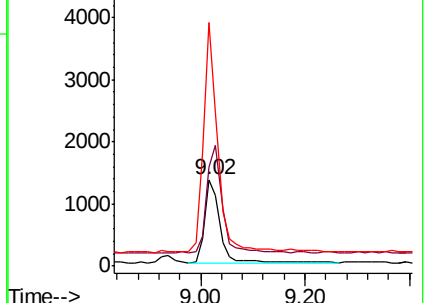
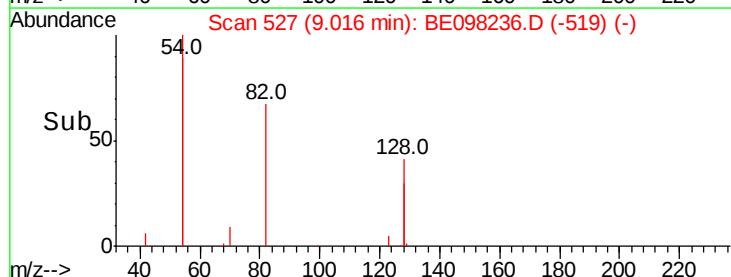
54 281.6 232.0 348.0

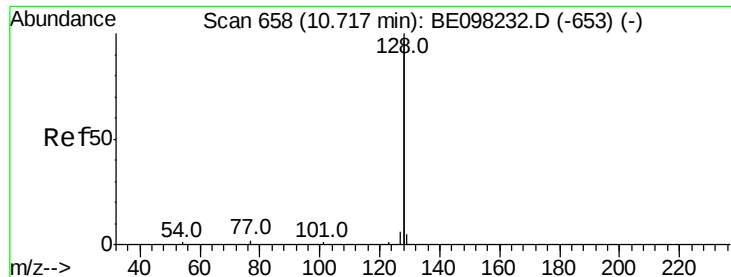


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

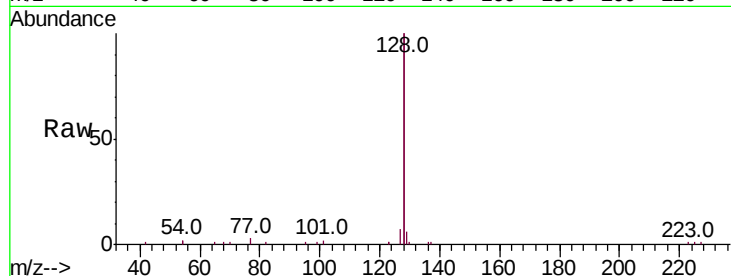
Tot Ion:128 Resp: 28156

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

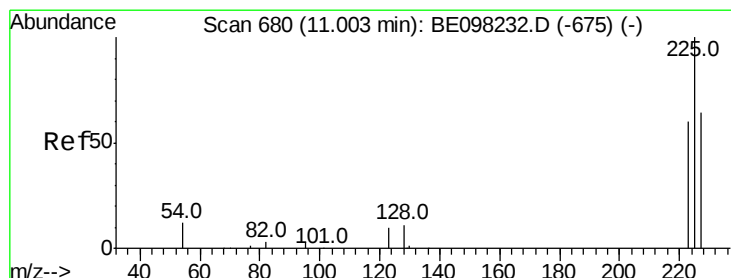
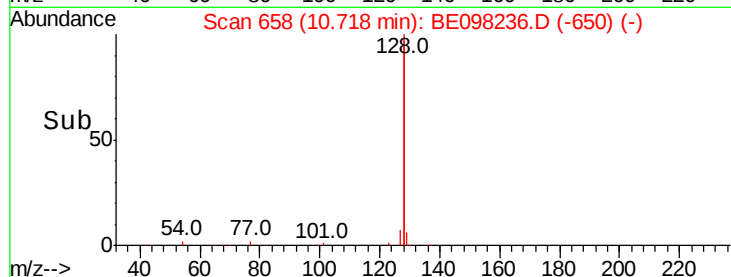
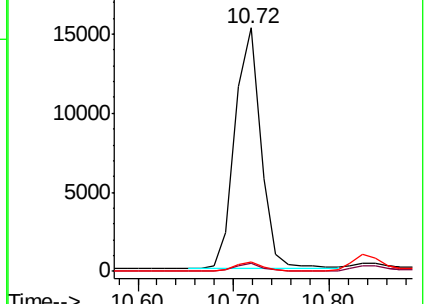
127 3.6 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.410 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

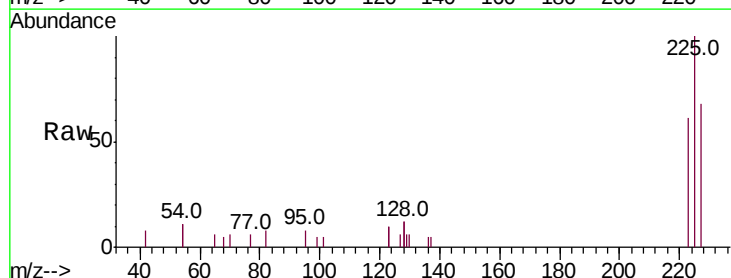
Tgt Ion:225 Resp: 1625

Ion Ratio Lower Upper

225 100

223 61.2 50.5 75.7

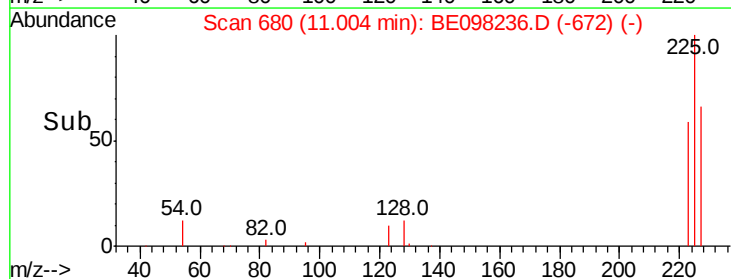
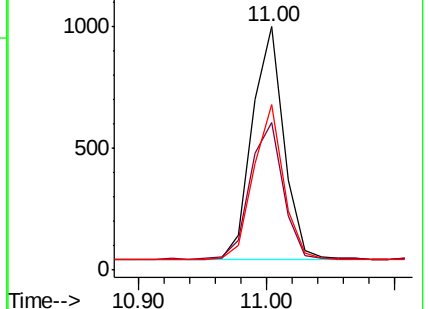
227 63.6 50.3 75.5

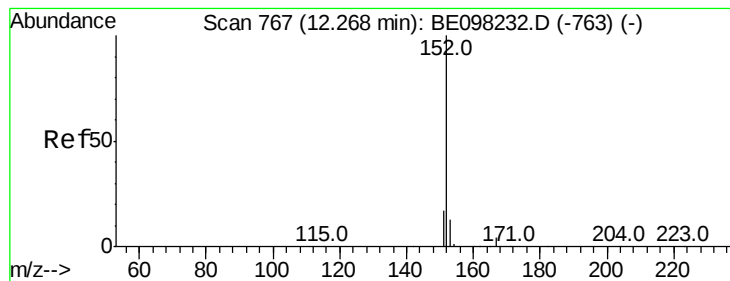


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

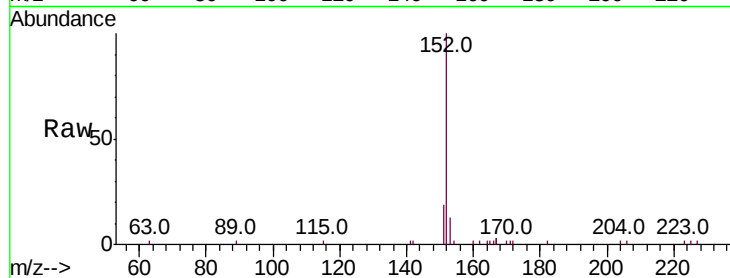
ICVBE111618

Tot Ion:152 Resp: 4786

Ion Ratio Lower Upper

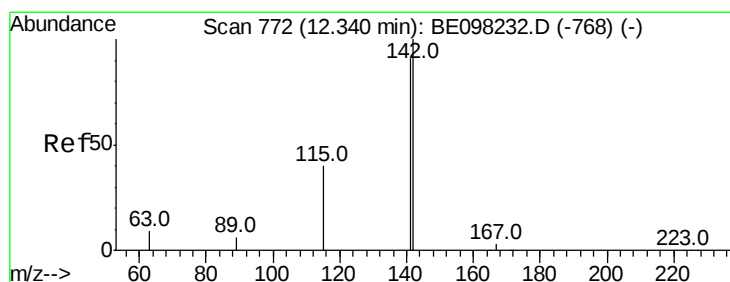
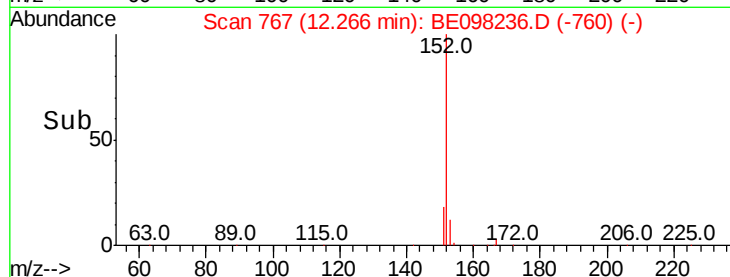
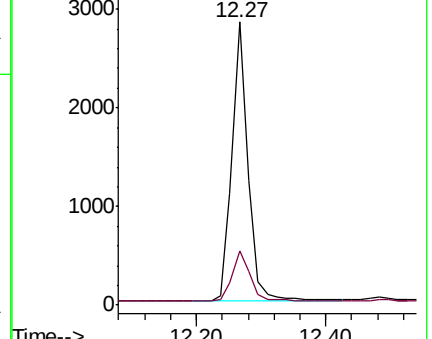
152 100

151 19.8 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: 0.417 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

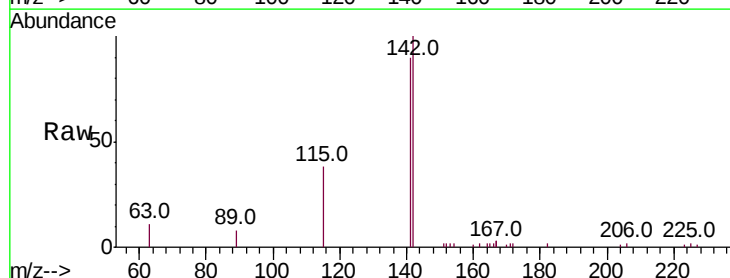
Tgt Ion:142 Resp: 4957

Ion Ratio Lower Upper

142 100

141 89.7 76.3 114.5

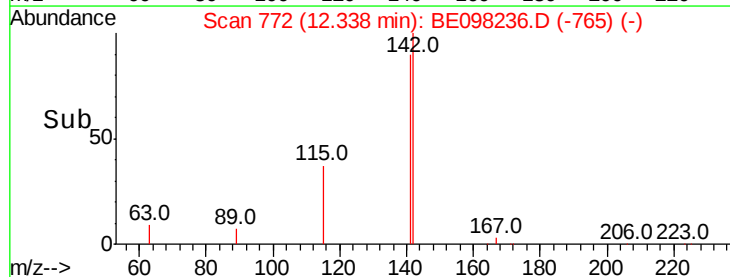
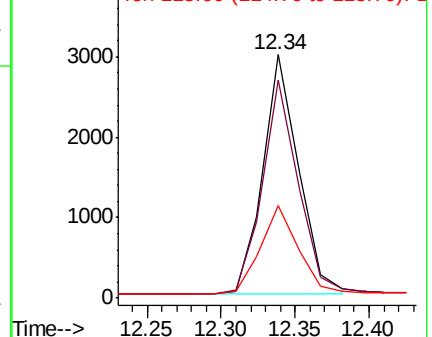
115 38.2 35.8 53.8

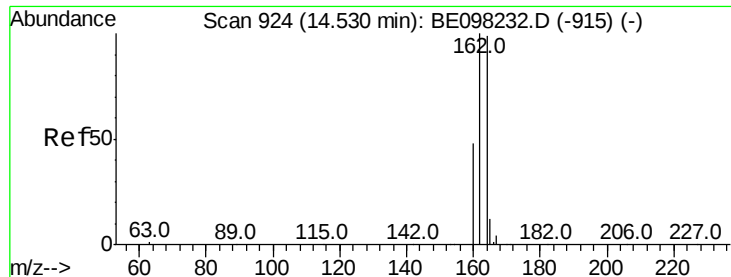


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

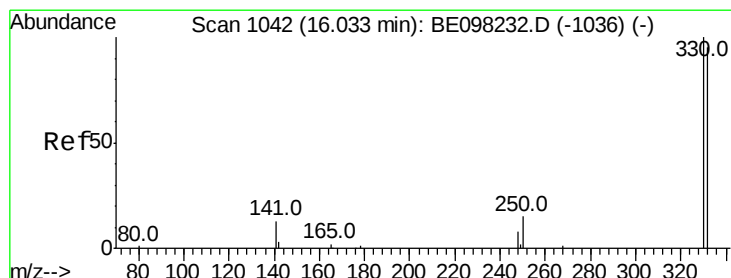
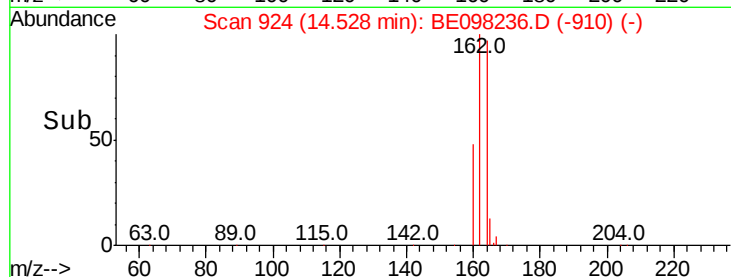
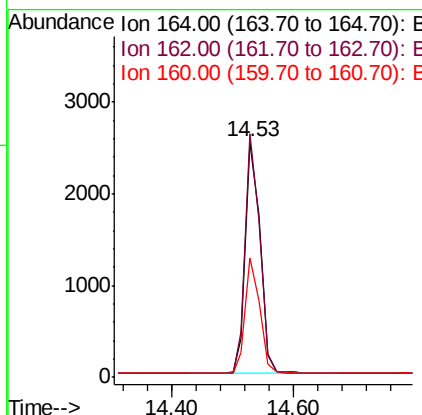
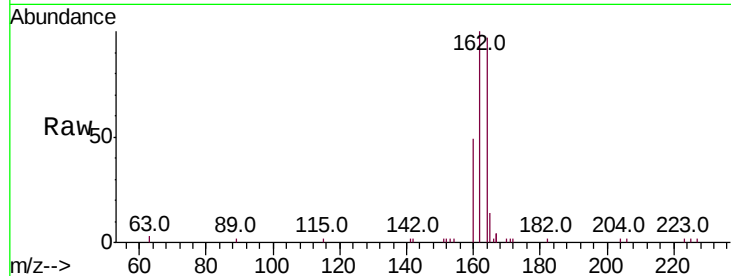




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

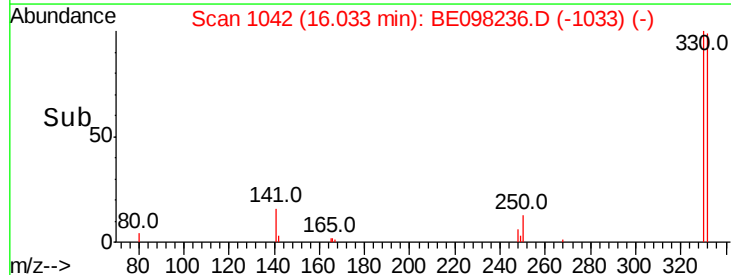
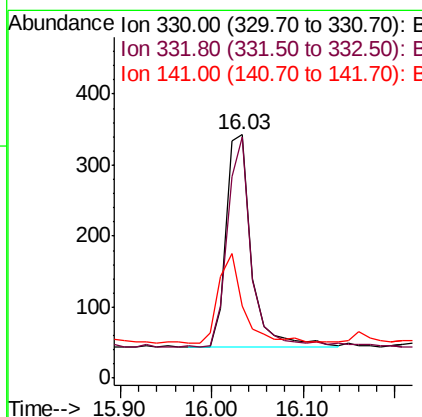
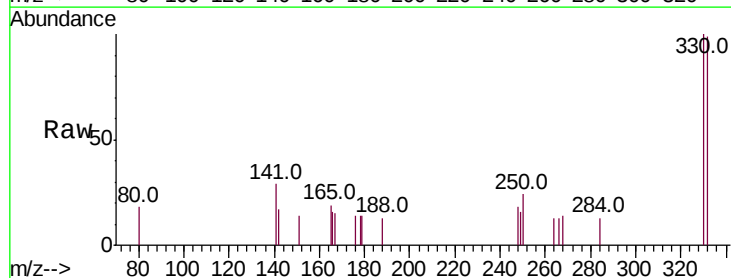
Instrument :
BNA_E
ClientSampleId :
ICVBE111618

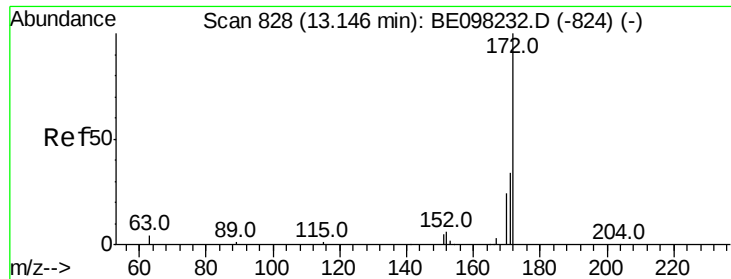
Tot Ion:164 Resp: 4238
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 50.6 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Tgt Ion:330 Resp: 582
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 38.7 33.6 50.4

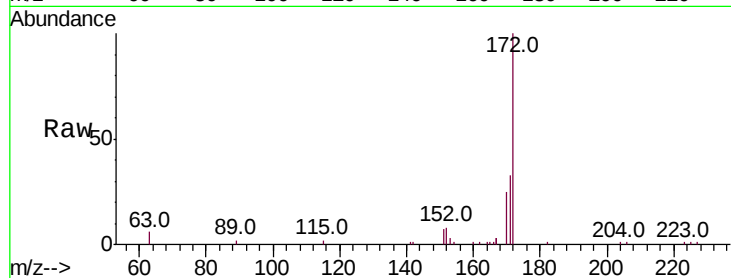




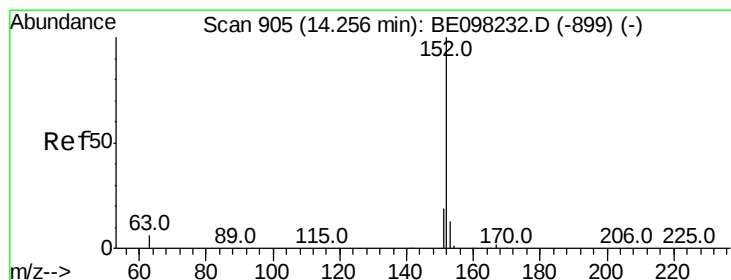
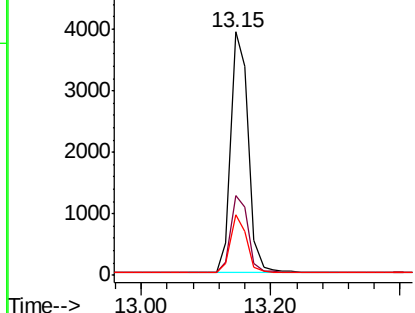
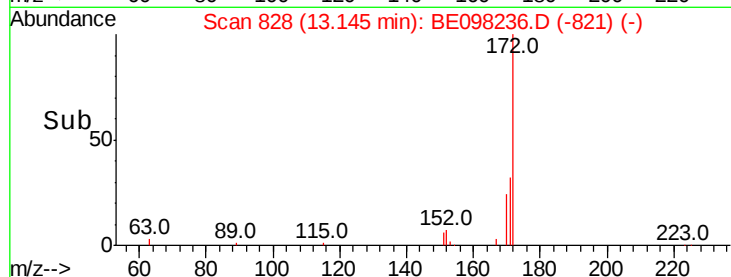
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Instrument :
BNA_E
ClientSampleId :
ICVBE111618

Tot Ion:172 Resp: 7366
Ion Ratio Lower Upper
172 100
171 32.5 27.3 40.9
170 24.9 19.4 29.0

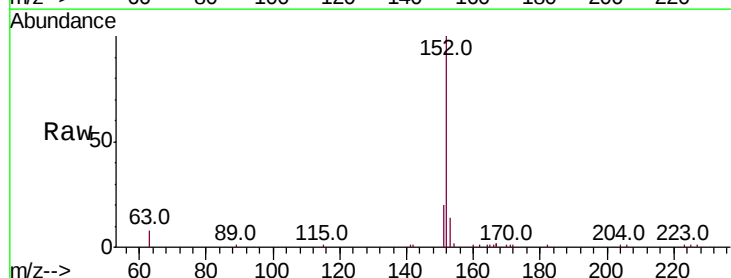


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

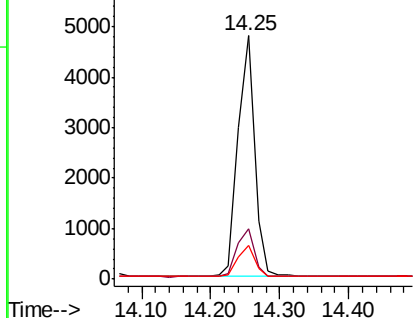
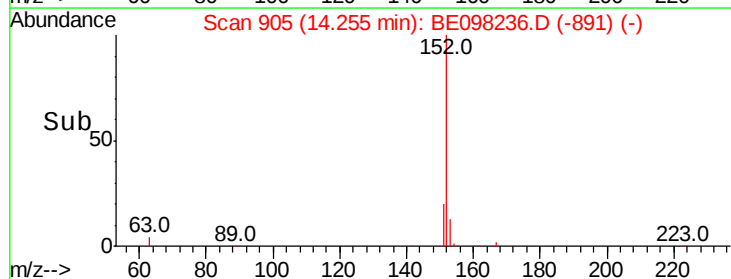


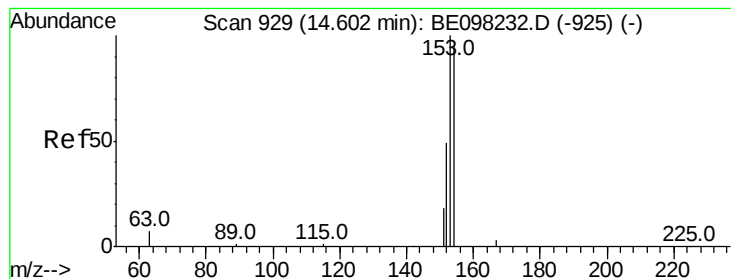
#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098236.D
Acq: 16 Nov 2018 19:06

Tgt Ion:152 Resp: 8064
Ion Ratio Lower Upper
152 100
151 20.6 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: 0.406 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

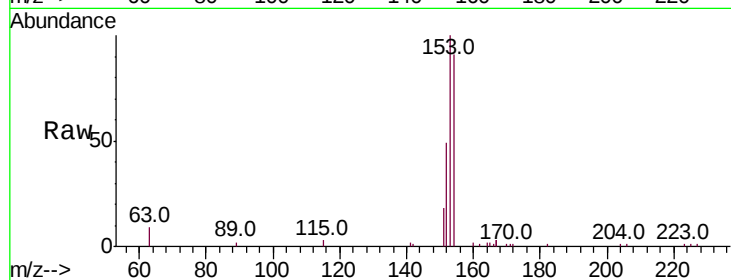
BNA_E

ClientSampleId :

ICVBE111618

Tot Ion:154 Resp: 4888

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.1	138.1
152	58.9	46.2	69.2

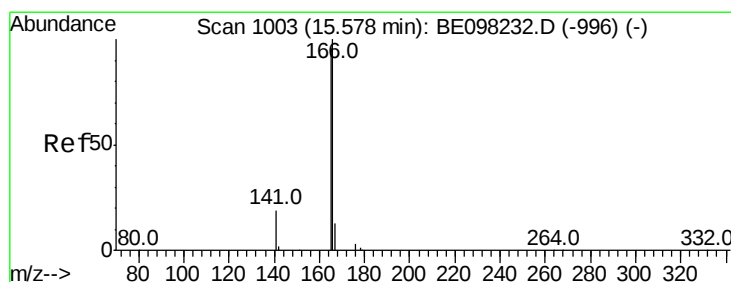
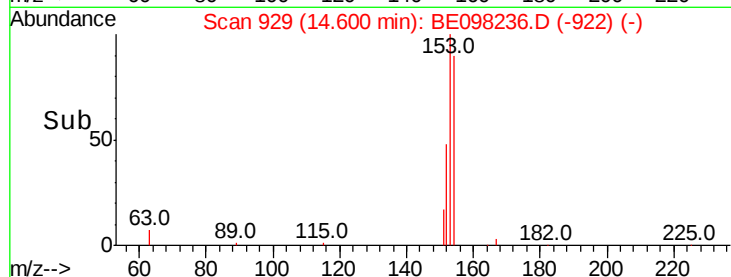
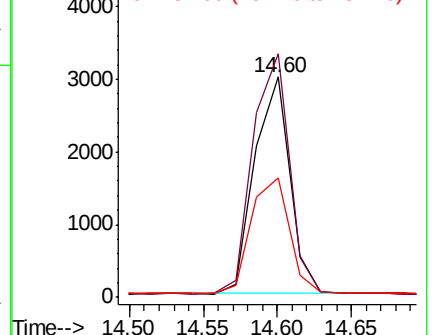


Abundance

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: 0.409 ng

RT: 15.58 min Scan# 1003

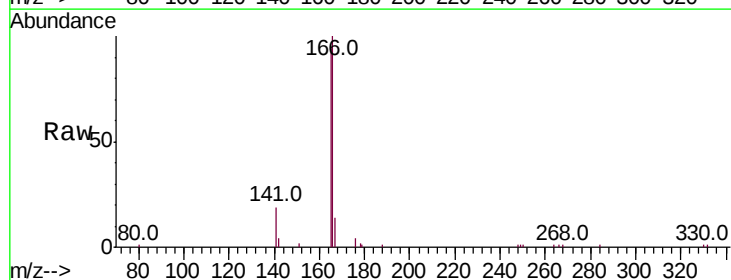
Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Tgt Ion:166 Resp: 6288

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.1	120.1
167	13.5	10.8	16.2

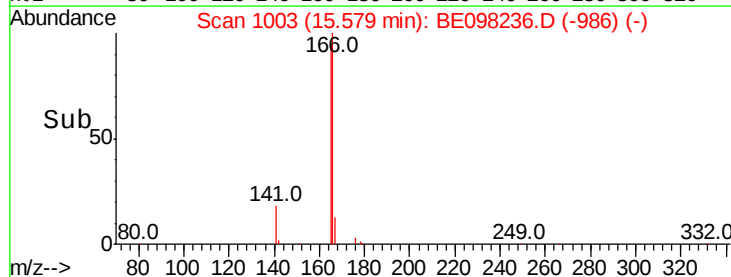
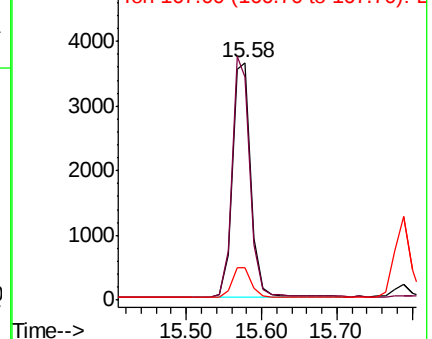


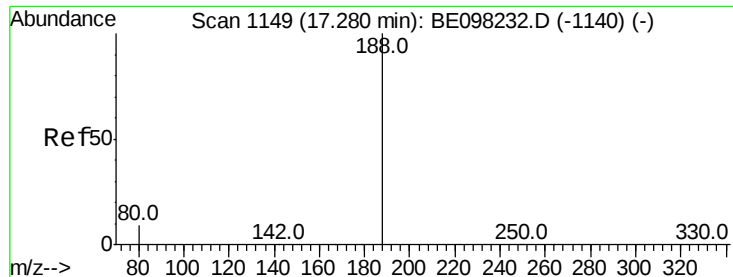
Abundance

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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

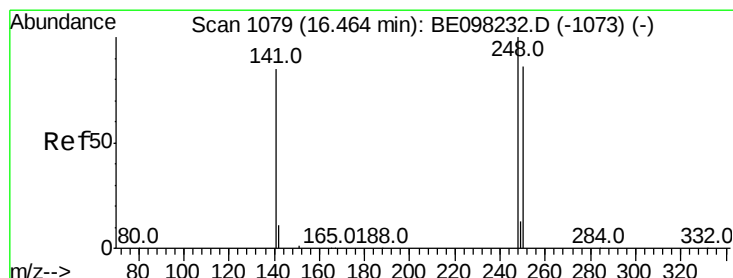
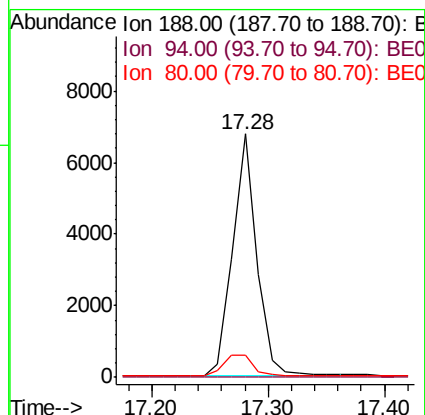
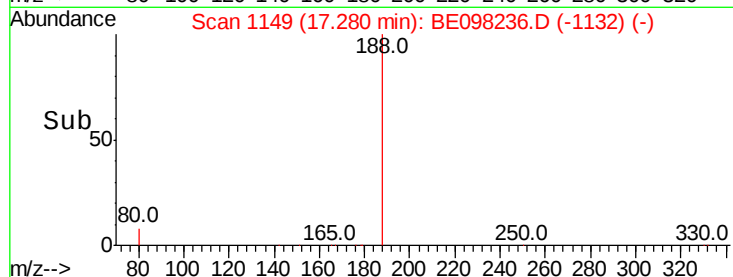
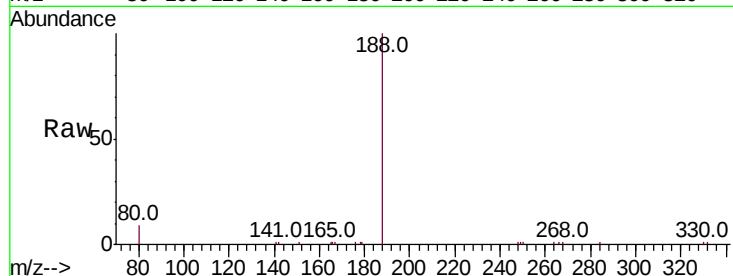
Tot Ion:188 Resp: 9709

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: 0.405 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

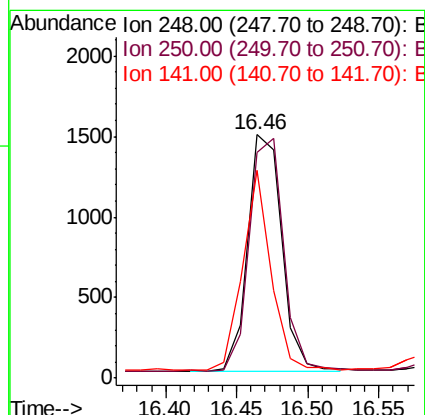
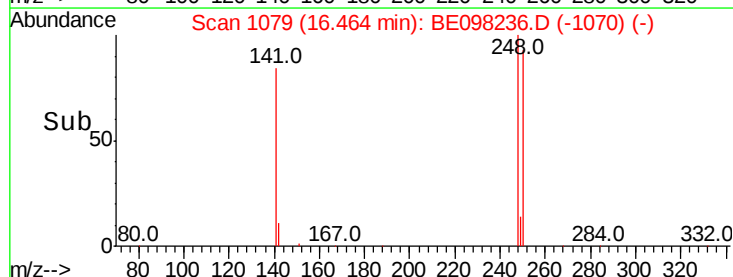
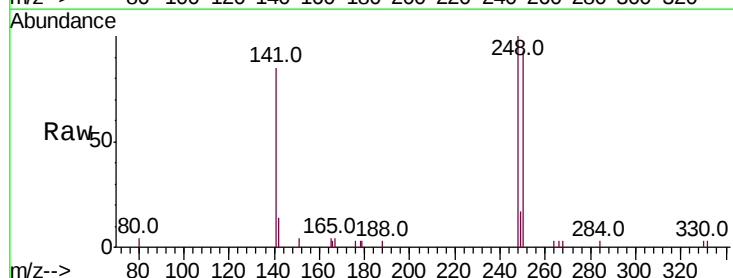
Tgt Ion:248 Resp: 2434

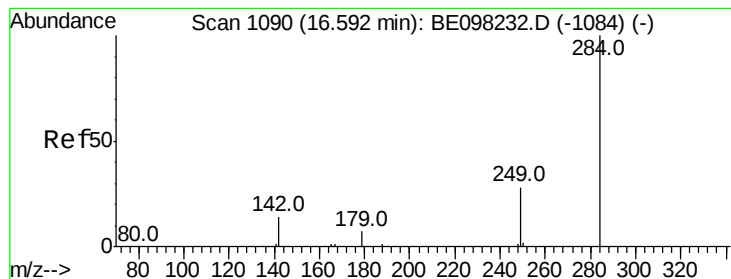
Ion Ratio Lower Upper

248 100

250 92.7 77.6 116.4

141 85.1 65.8 98.8





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

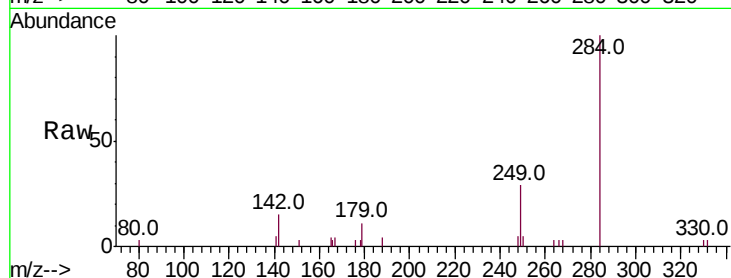
Tot Ion:284 Resp: 2539

Ion Ratio Lower Upper

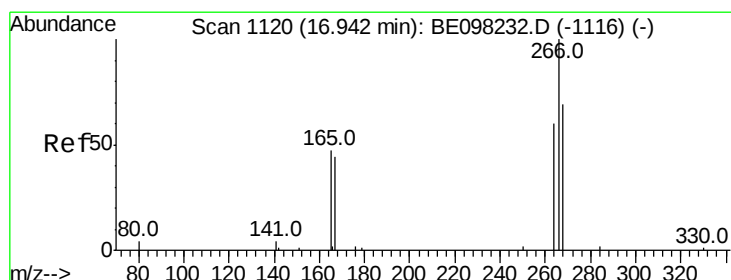
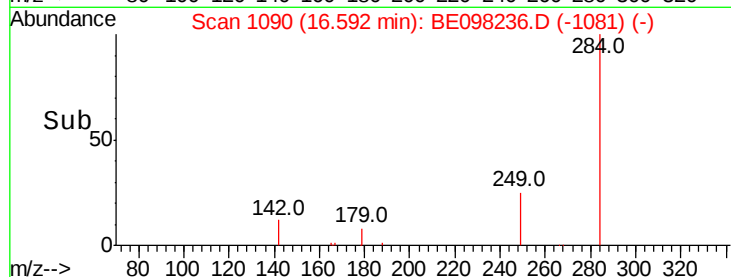
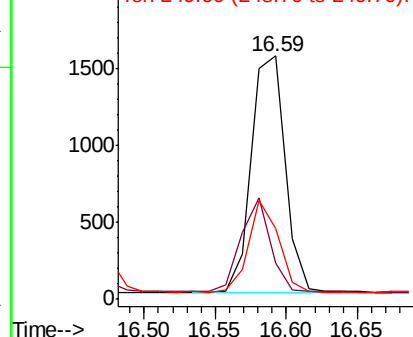
284 100

142 35.0 26.5 39.7

249 34.3 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: 0.380 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

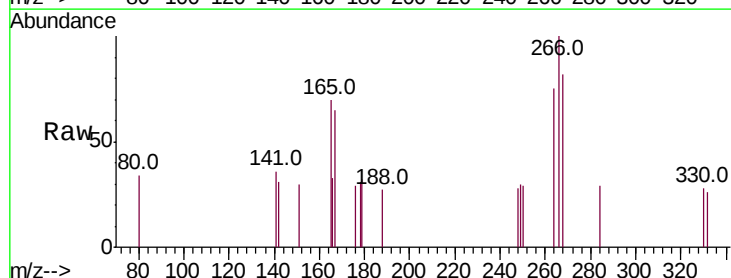
Tgt Ion:266 Resp: 339

Ion Ratio Lower Upper

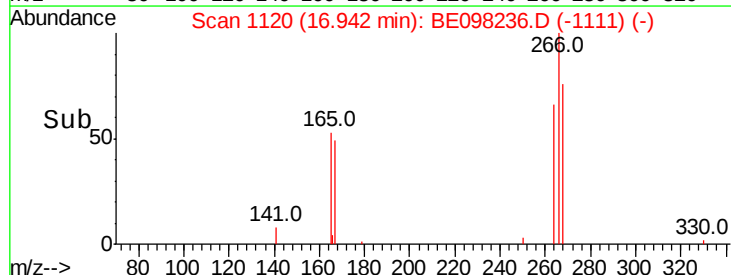
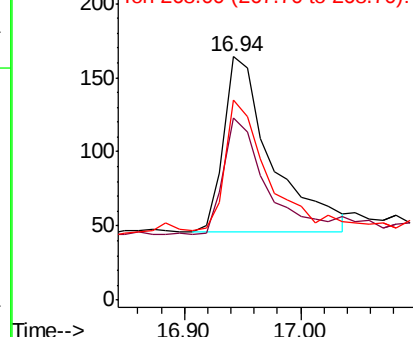
266 100

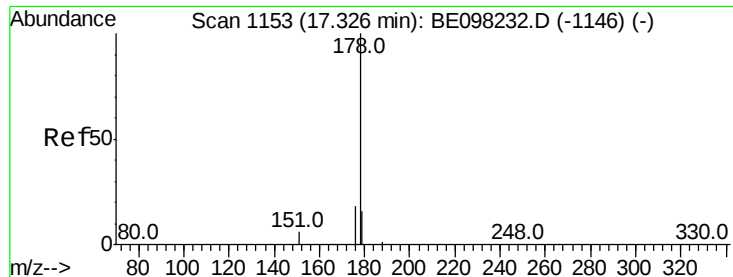
264 75.0 57.6 86.4

268 82.3 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: 0.403 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

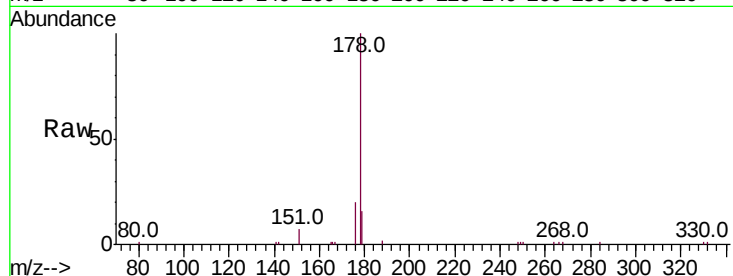
Tot Ion:178 Resp: 10071

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

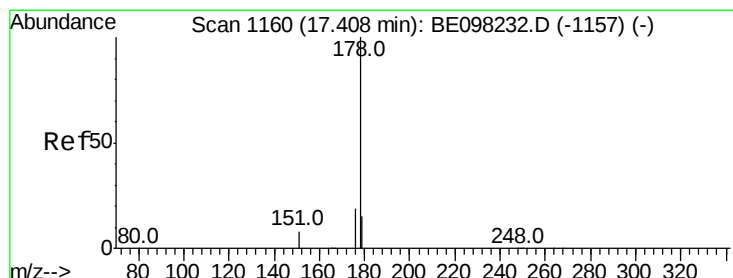
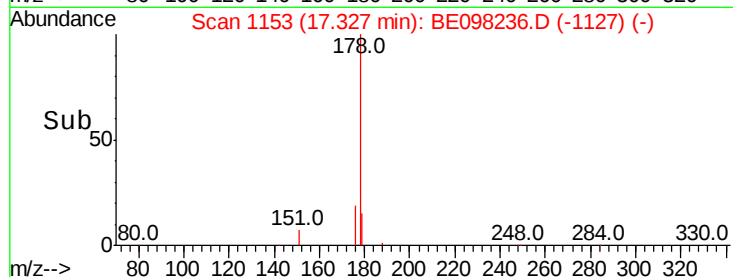
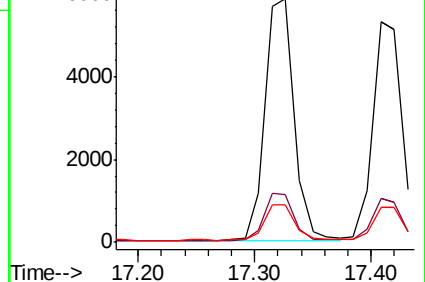
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.404 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

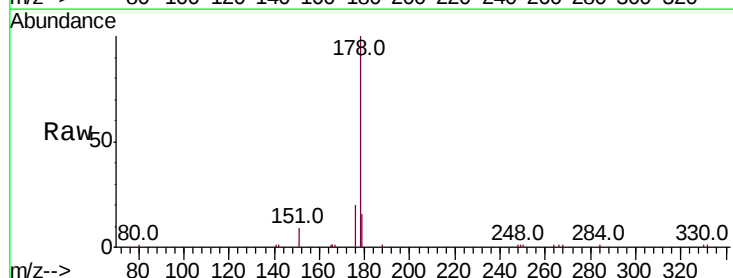
Tgt Ion:178 Resp: 9159

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

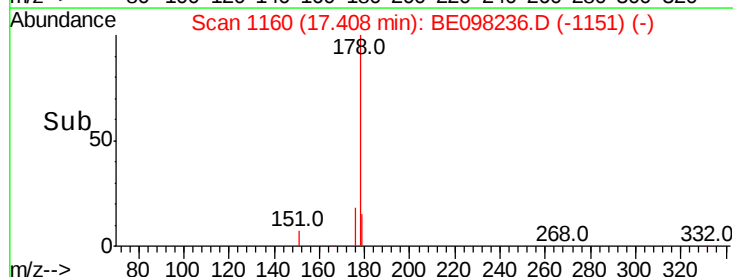
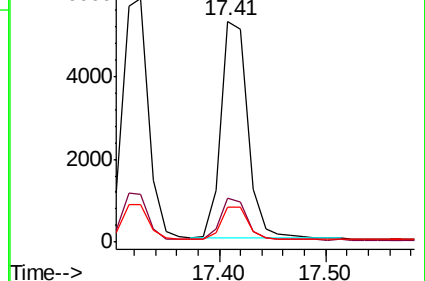
179 15.2 12.1 18.1

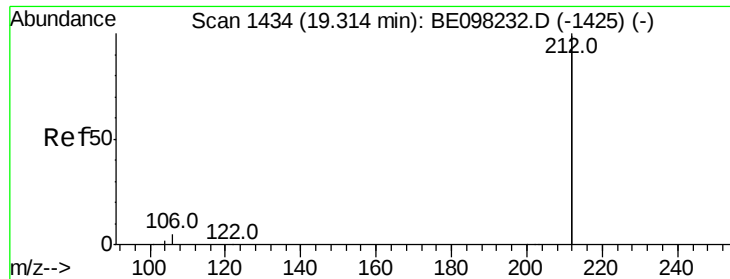


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

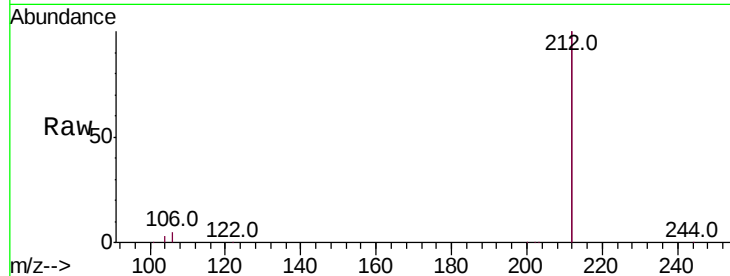
Tot Ion:212 Resp: 47764

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

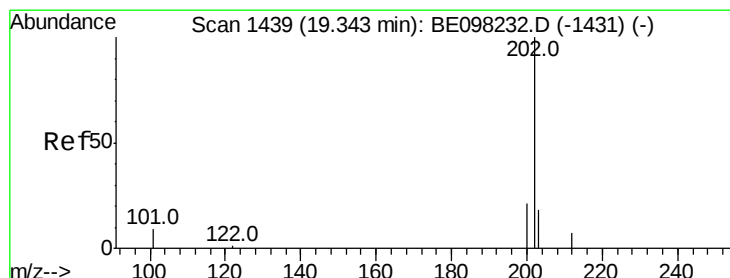
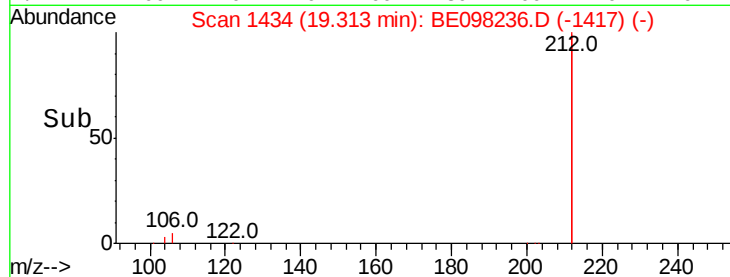
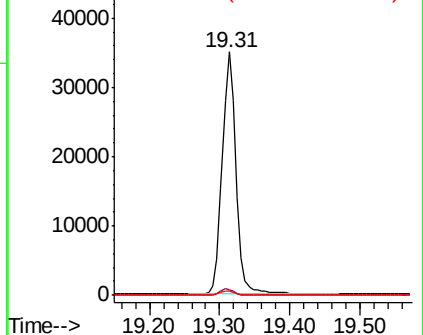
104 1.5 1.1 1.7



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: 0.407 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

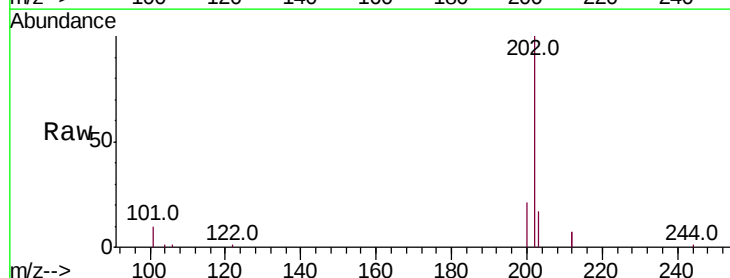
Tgt Ion:202 Resp: 12201

Ion Ratio Lower Upper

202 100

101 9.7 7.0 10.6

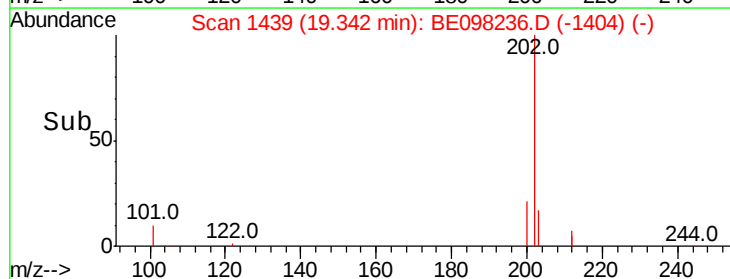
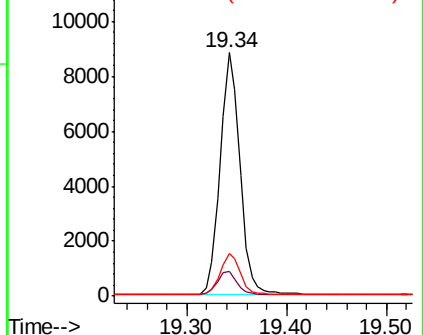
203 17.1 13.7 20.5

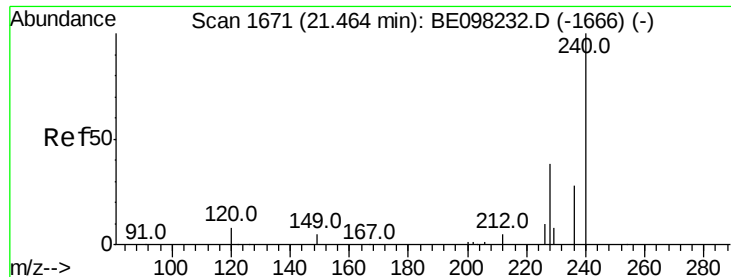


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

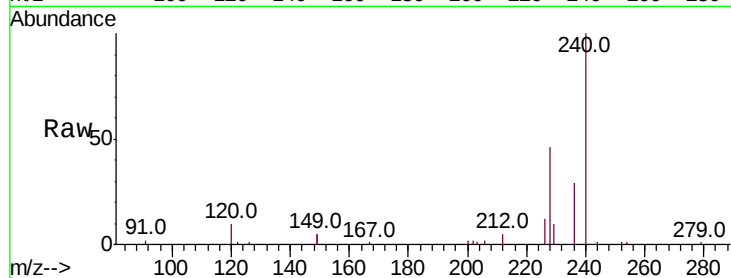
Tot Ion:240 Resp: 10448

Ion Ratio Lower Upper

240 100

120 9.9 4.8 7.2#

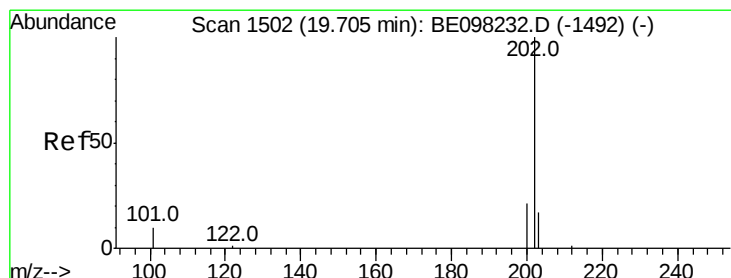
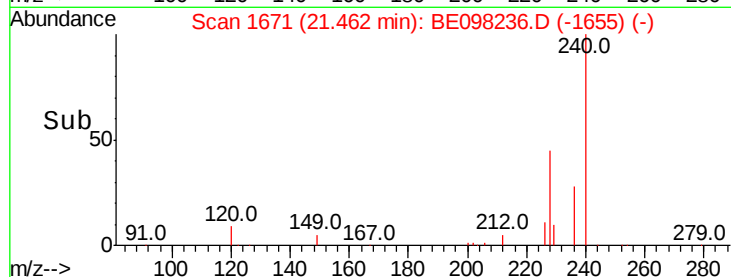
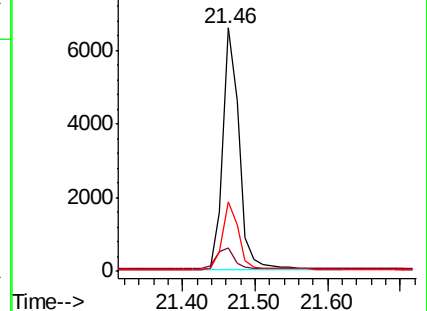
236 28.6 21.4 32.0



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: 0.412 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

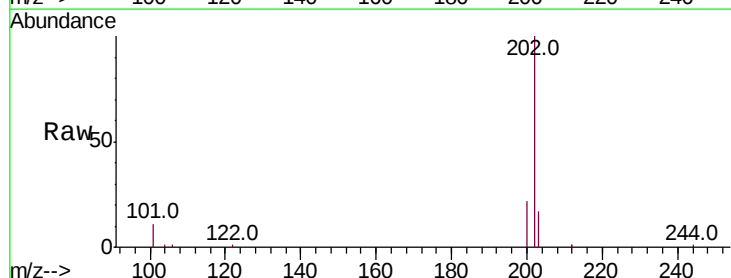
Tgt Ion:202 Resp: 12585

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

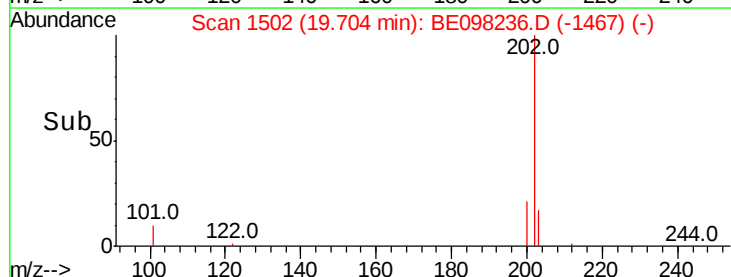
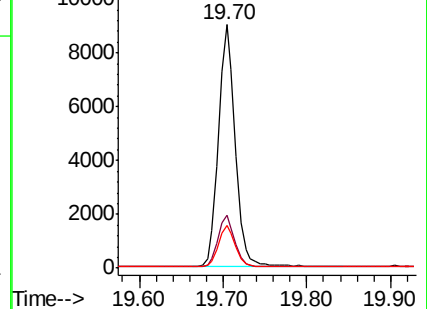
203 17.0 14.2 21.4

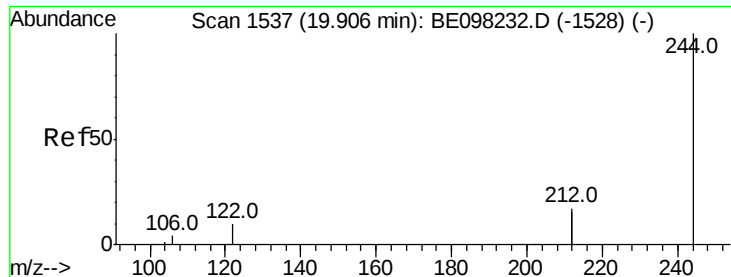


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

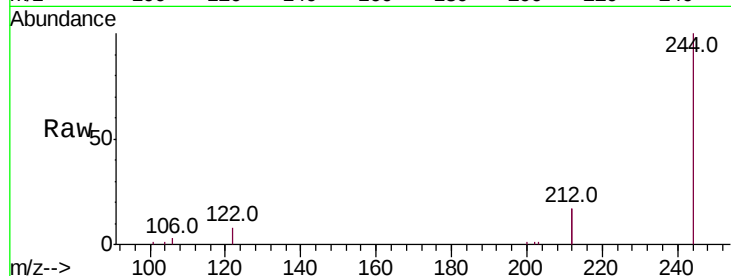
Tot Ion:244 Resp: 9851

Ion Ratio Lower Upper

244 100

212 33.3 26.8 40.2

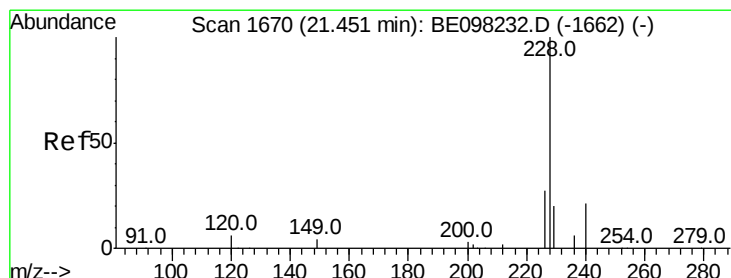
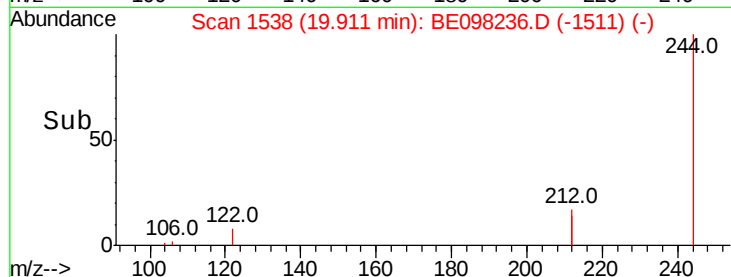
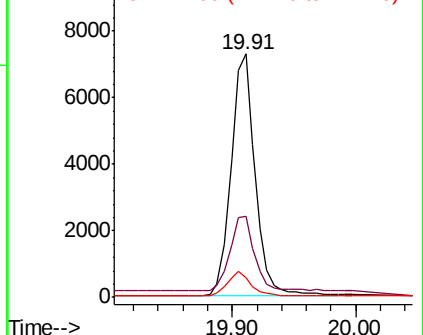
122 8.2 7.0 10.6



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: 0.408 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

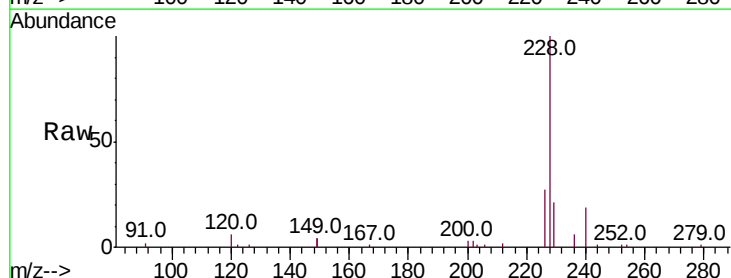
Tgt Ion:228 Resp: 12336

Ion Ratio Lower Upper

228 100

226 27.0 20.7 31.1

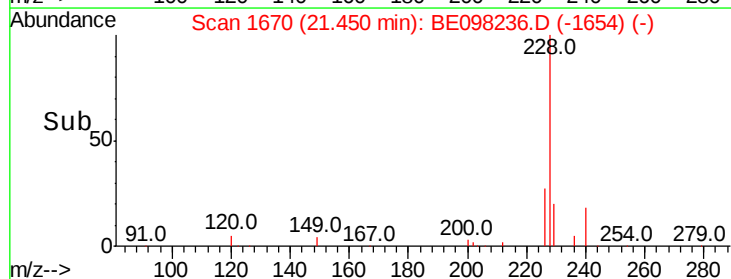
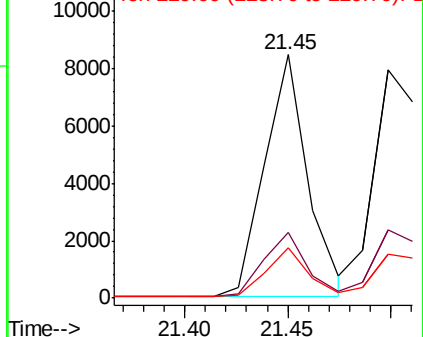
229 20.7 16.2 24.4

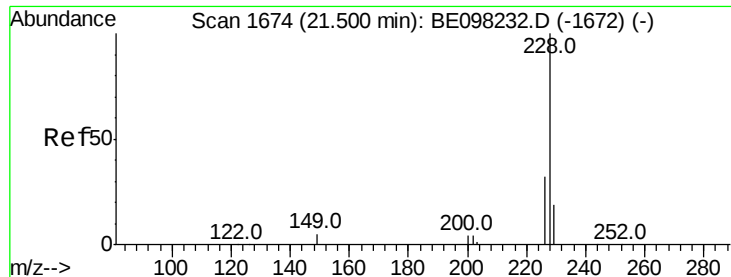


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.425 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

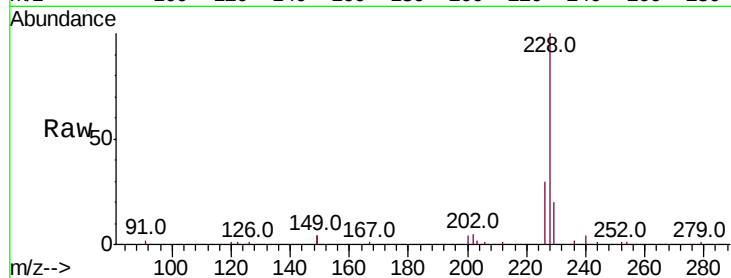
BNA_E

ClientSampleId :

ICVBE111618

Tot Ion:228 Resp: 13207

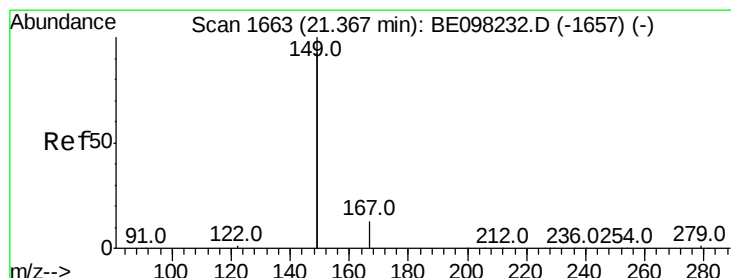
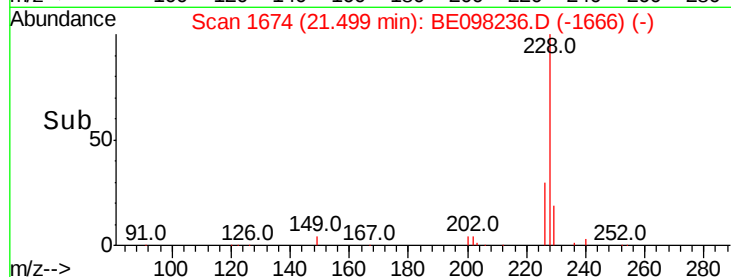
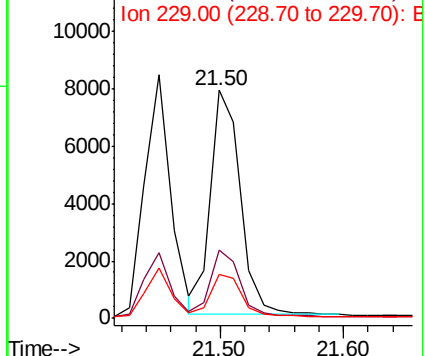
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	19.6	16.0	24.0



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: 0.423 ng

RT: 21.37 min Scan# 1663

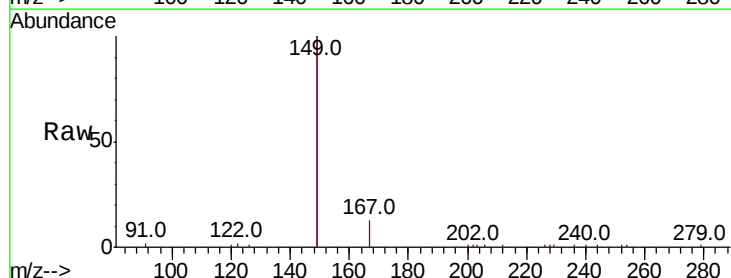
Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Tgt Ion:149 Resp: 19946

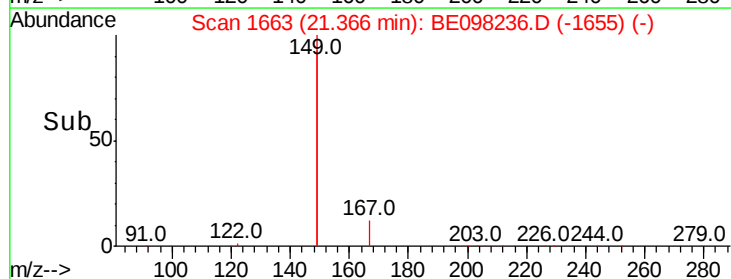
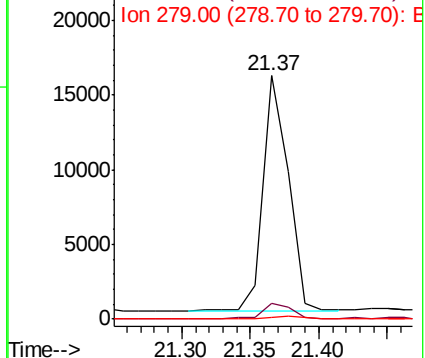
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.2	0.9	1.3

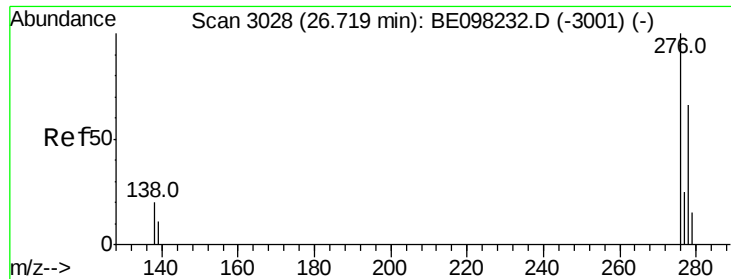


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

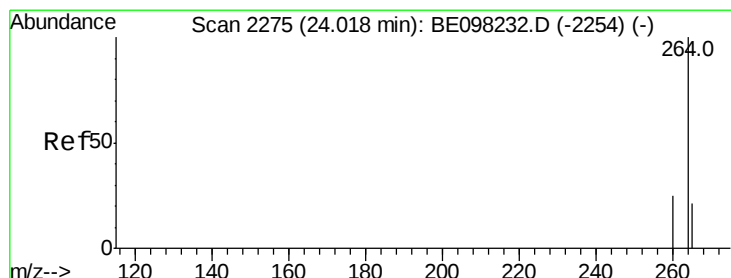
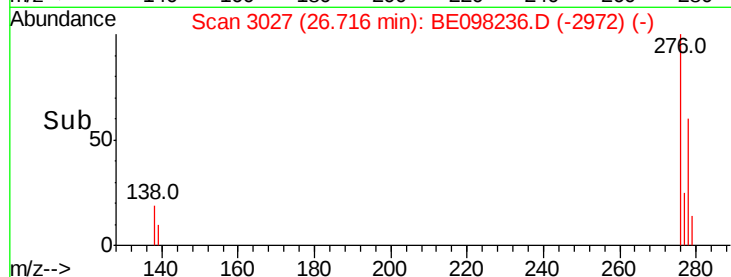
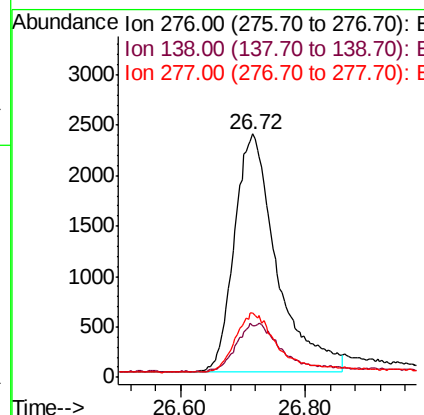
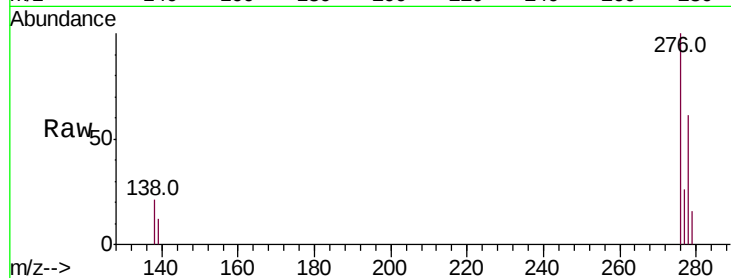




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.419 ng
 RT: 26.72 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: BE098236.D
 Acq: 16 Nov 2018 19:06

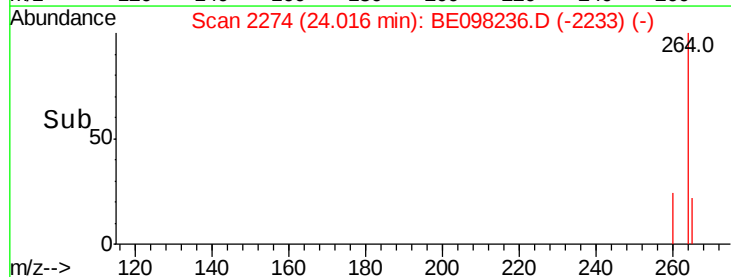
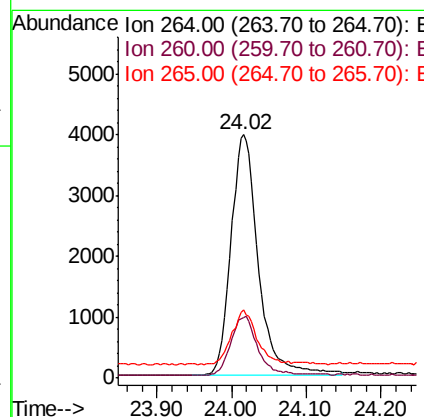
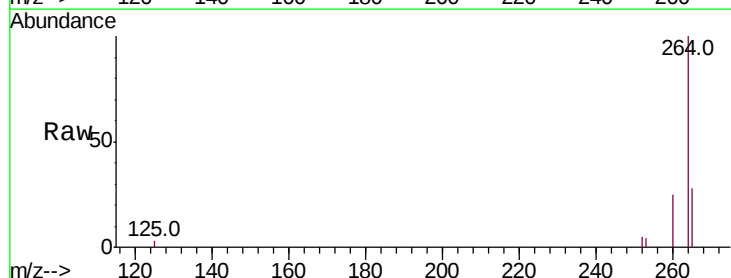
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111618

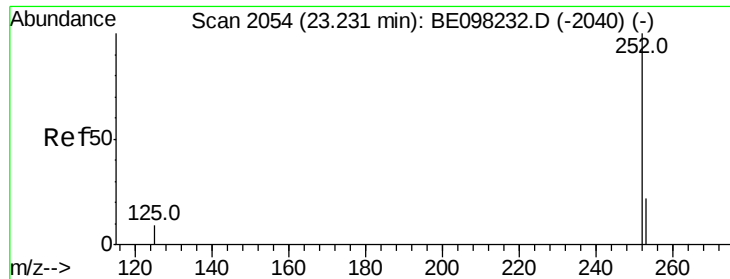
Tot Ion:276 Resp: 11141
 Ion Ratio Lower Upper
 276 100
 138 9.2 6.4 9.6
 277 24.5 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098236.D
 Acq: 16 Nov 2018 19:06

Tgt Ion:264 Resp: 10006
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 27.9 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.403 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

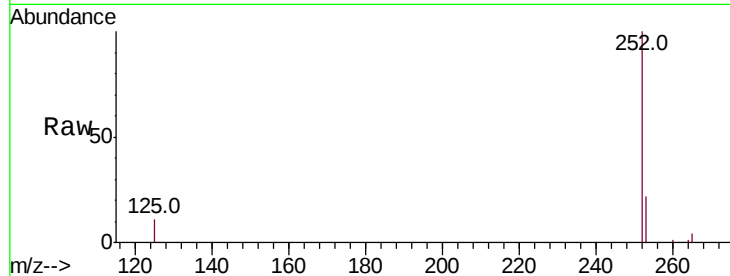
Tot Ion:252 Resp: 11385

Ion Ratio Lower Upper

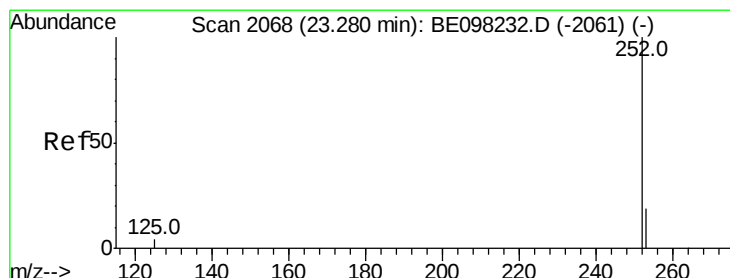
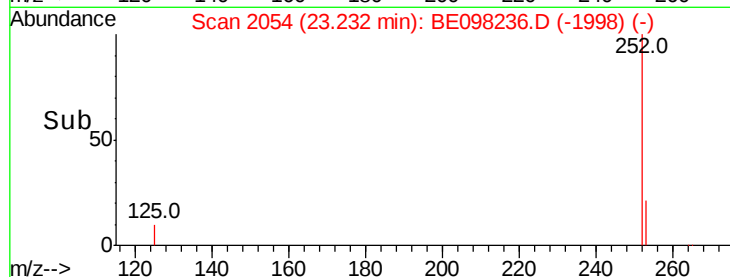
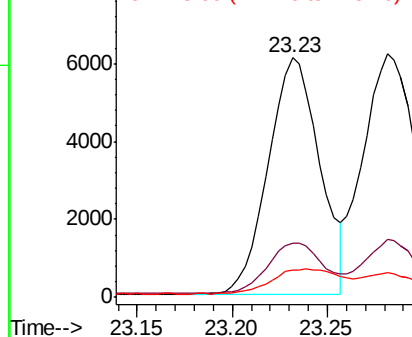
252 100

253 22.4 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: 0.412 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

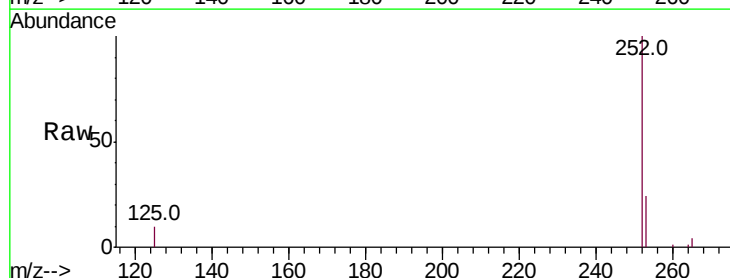
Tgt Ion:252 Resp: 13141

Ion Ratio Lower Upper

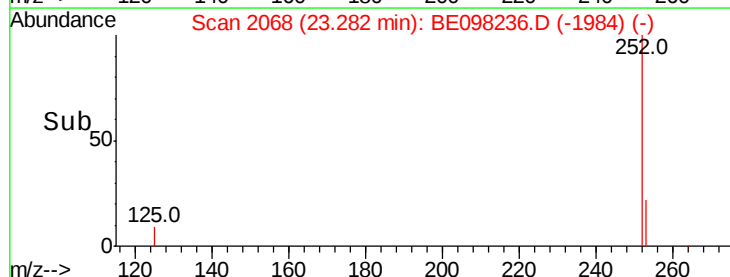
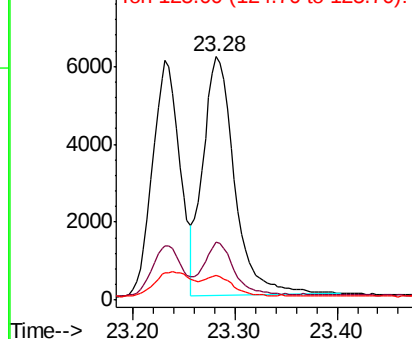
252 100

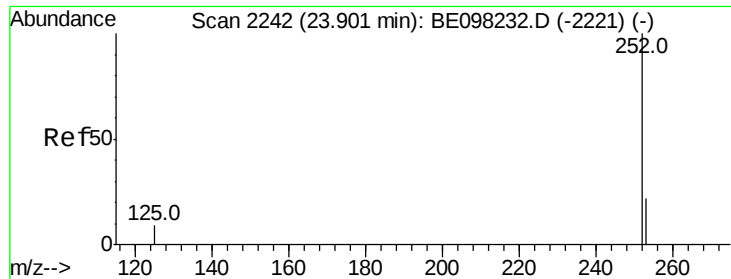
253 23.8 18.6 28.0

125 10.0 7.4 11.0



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





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

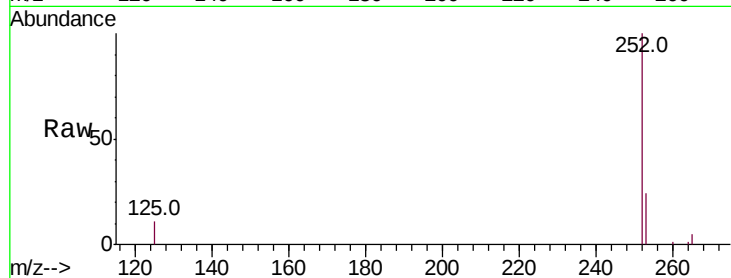
Tot Ion:252 Resp: 11132

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

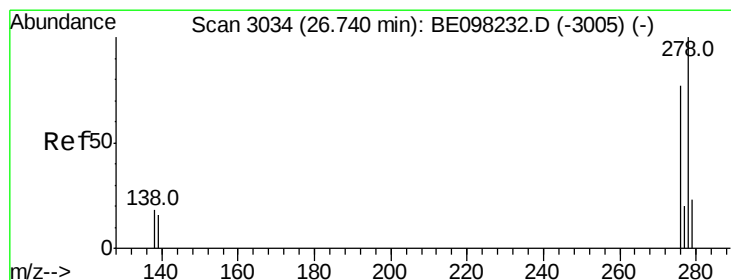
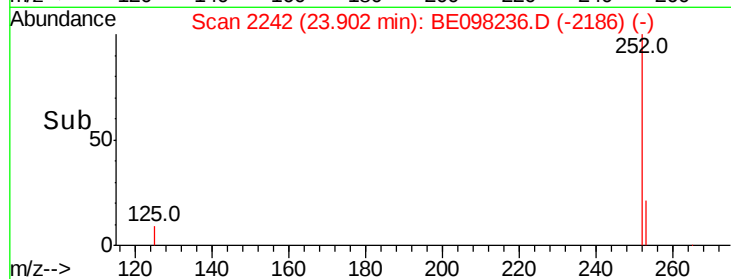
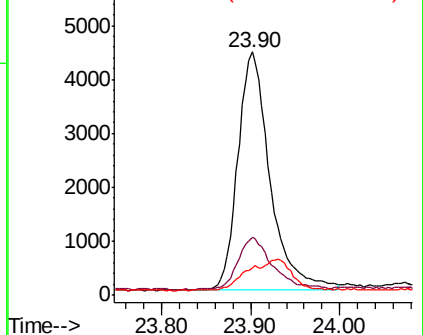
125 11.3 8.0 12.0



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: 0.415 ng

RT: 26.74 min Scan# 3033

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

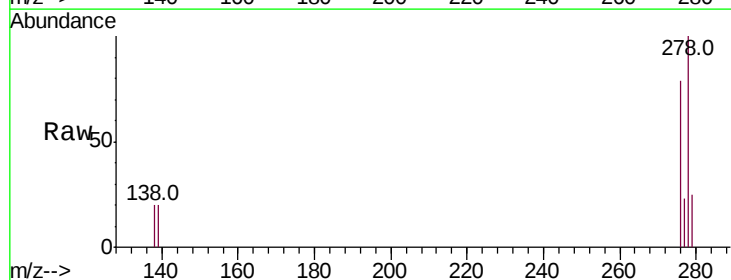
Tgt Ion:278 Resp: 9236

Ion Ratio Lower Upper

278 100

139 19.6 16.4 24.6

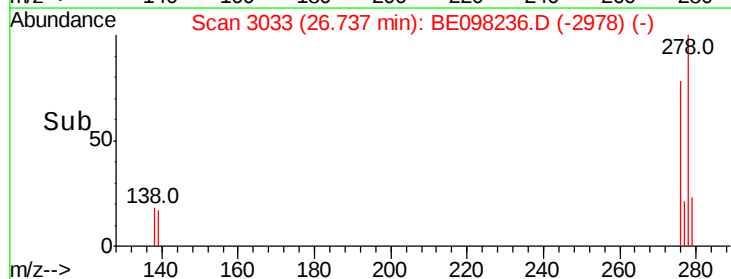
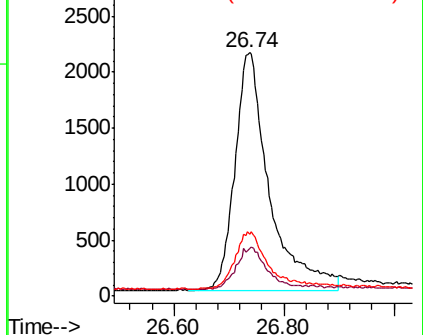
279 25.3 21.3 31.9

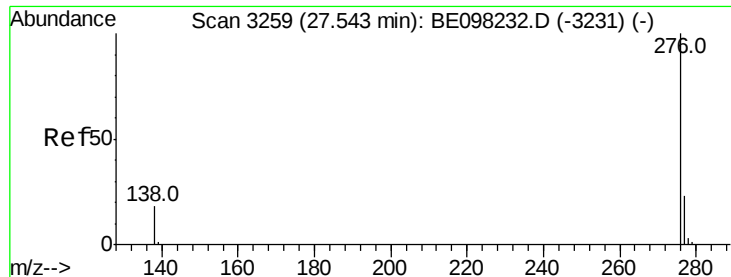


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.398 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BE098236.D

Acq: 16 Nov 2018 19:06

Instrument :

BNA_E

ClientSampleId :

ICVBE111618

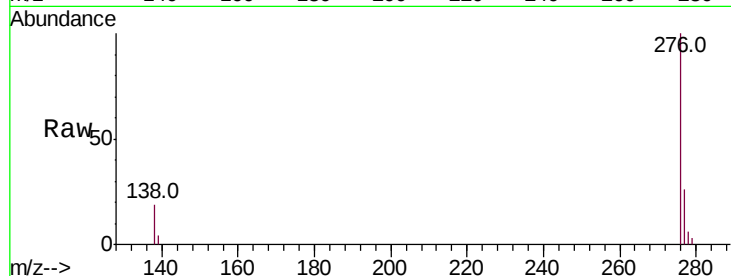
Tot Ion:276 Resp: 9538

Ion Ratio Lower Upper

276 100

277 25.7 20.4 30.6

138 19.0 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

