

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098232.D
 Acq On : 16 Nov 2018 16:40
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 17:13:41 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 17:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1359	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6589	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4213	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9702	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10198	0.40	ng	0.00
34) Perylene-d12	24.02	264	9569	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1468	0.38	ng	0.00
5) Phenol-d6	7.04	99	2347	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	2535	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4672	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	522	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7170	0.41	ng	0.00
25) Fluoranthene-d10	19.31	212	46811	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	9575	0.41	ng	0.00

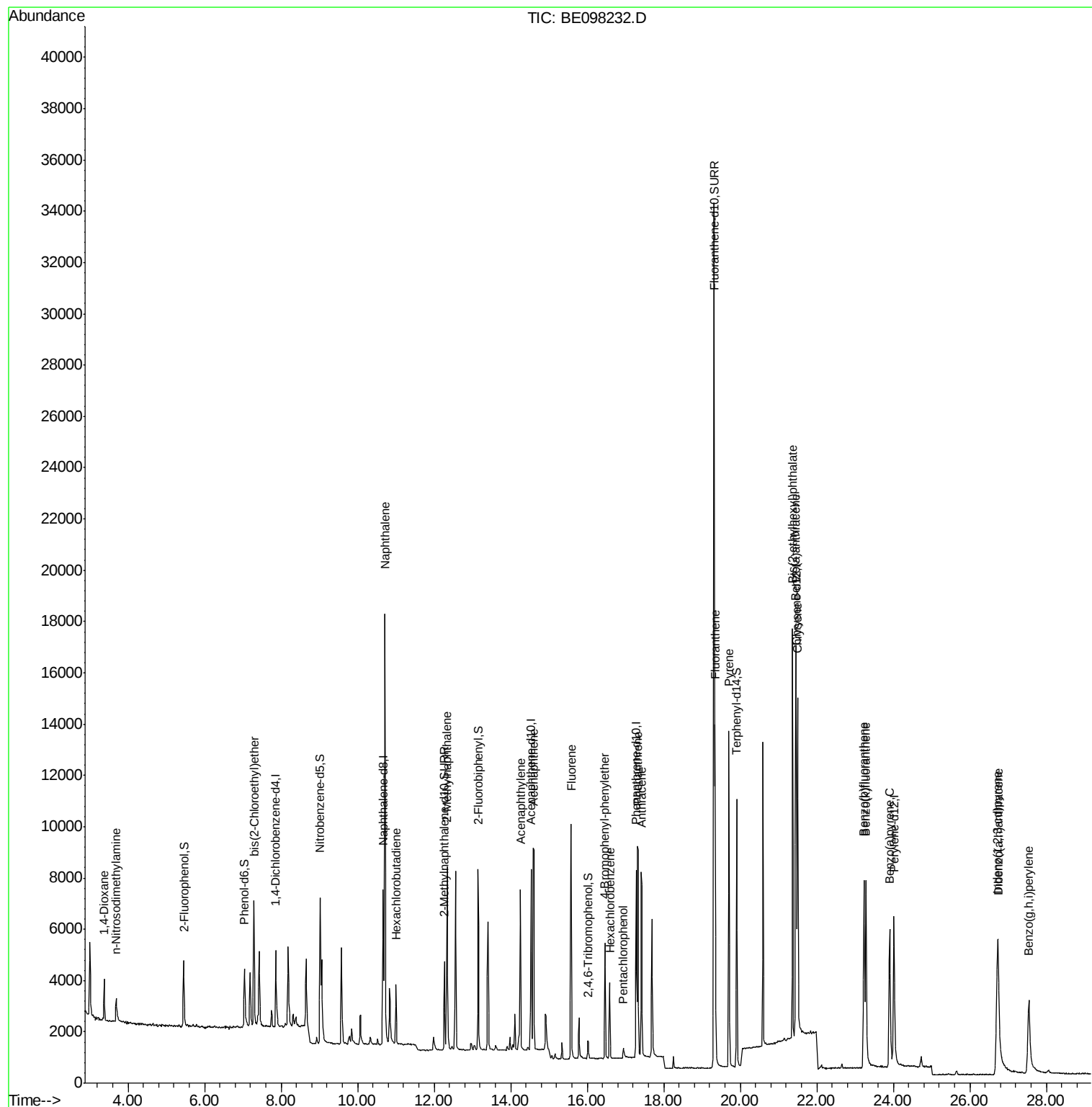
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	807	0.365	ng	96
3) n-Nitrosodimethylamine	3.70	42	894	0.335	ng	# 89
6) bis(2-Chloroethyl)ether	7.29	93	1938	0.390	ng	99
9) Naphthalene	10.72	128	27596	0.412	ng	99
10) Hexachlorobutadiene	11.00	225	1607	0.386	ng	99
12) 2-Methylnaphthalene	12.34	142	4779	0.411	ng	95
16) Acenaphthylene	14.26	152	8099	0.419	ng	98
17) Acenaphthene	14.60	154	4955	0.420	ng	98
18) Fluorene	15.58	166	6171	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2411	0.408	ng	92
21) Hexachlorobenzene	16.59	284	2433	0.396	ng	97
22) Pentachlorophenol	16.94	266	328	0.307	ng	94
23) Phenanthrene	17.33	178	9997	0.414	ng	100
24) Anthracene	17.41	178	9010	0.400	ng	98
26) Fluoranthene	19.34	202	11966	0.400	ng	99
28) Pyrene	19.70	202	12327	0.439	ng	98
30) Benzo(a)anthracene	21.45	228	11855	0.409	ng	98
31) Chrysene	21.50	228	12429	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	17750	0.295	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	10613	0.393	ng	# 71
35) Benzo(b)fluoranthene	23.23	252	10701	0.394	ng	100
36) Benzo(k)fluoranthene	23.28	252	12485	0.436	ng	98
37) Benzo(a)pyrene	23.90	252	10639	0.409	ng	97
38) Dibenzo(a,h)anthracene	26.74	278	8378	0.378	ng	98
39) Benzo(g,h,i)perylene	27.54	276	8735	0.377	ng	# 96

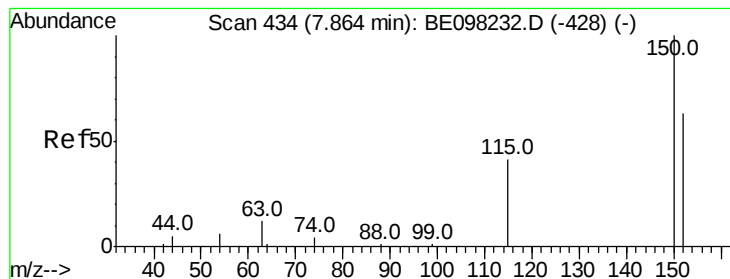
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 17:10:30 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

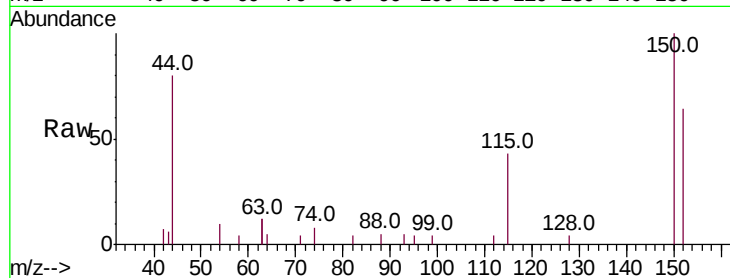
Tot Ion:152 Resp: 1359

Ion Ratio Lower Upper

152 100

150 156.7 127.5 191.3

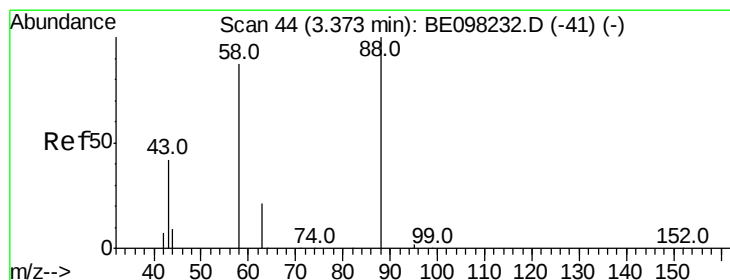
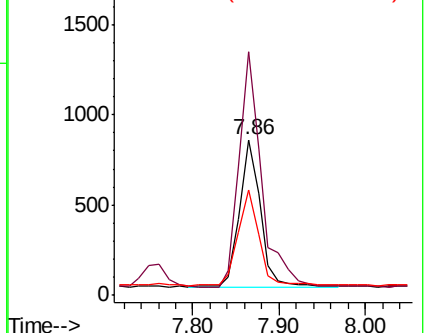
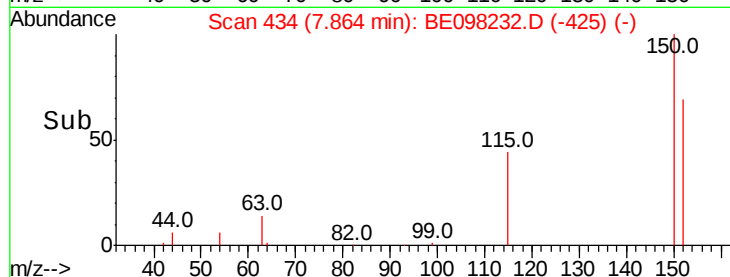
115 67.7 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.365 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

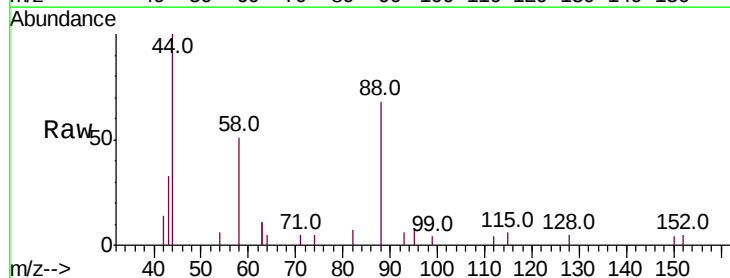
Tgt Ion: 88 Resp: 807

Ion Ratio Lower Upper

88 100

58 97.0 79.0 118.4

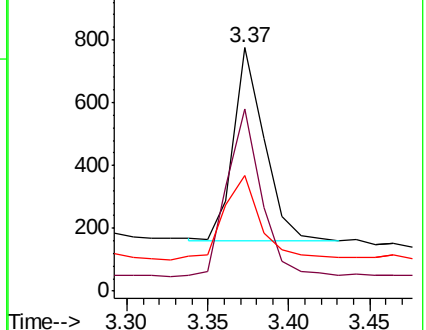
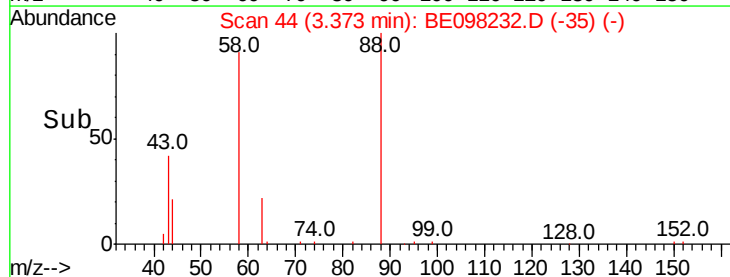
43 53.7 38.1 57.1

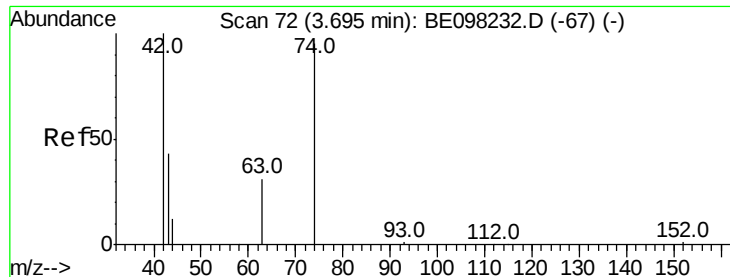


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



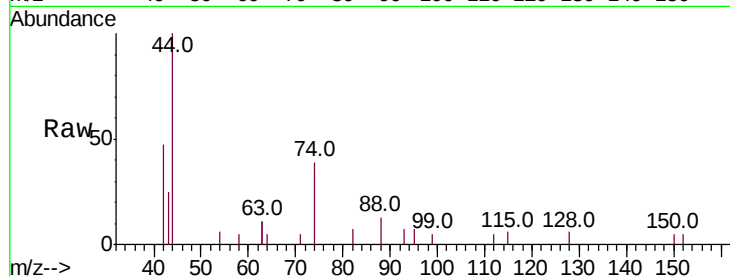


#3

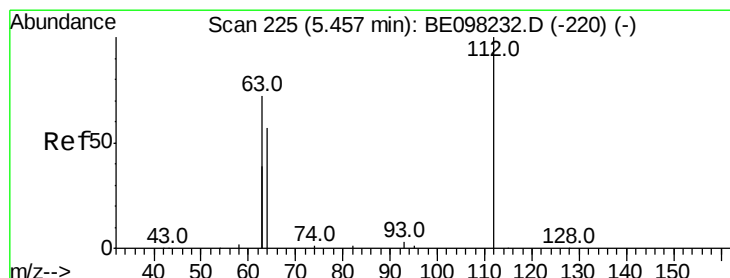
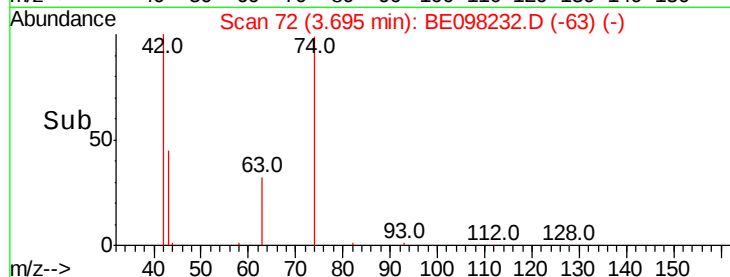
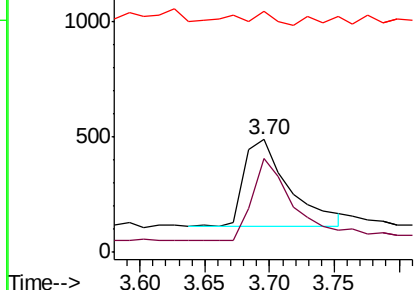
n-Nitrosodimethylamine
 Concen: 0.335 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098232.D
 Acq: 16 Nov 2018 16:40

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	86.8	61.7	92.5
44	13.4	14.0	21.0#



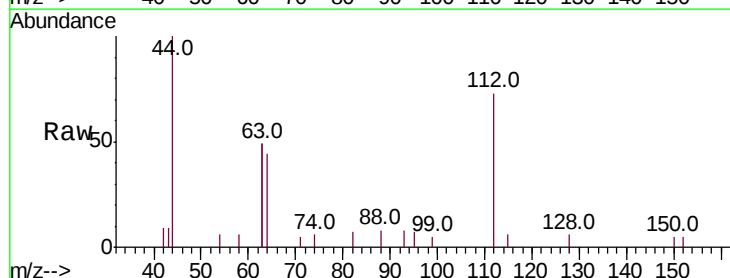
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



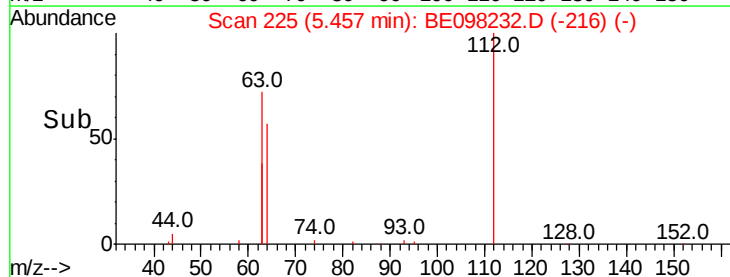
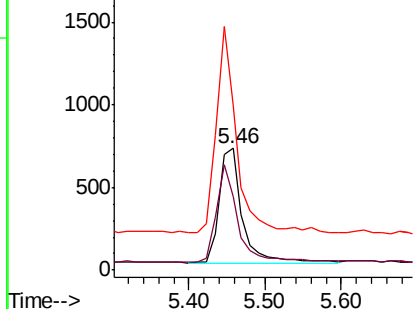
#4

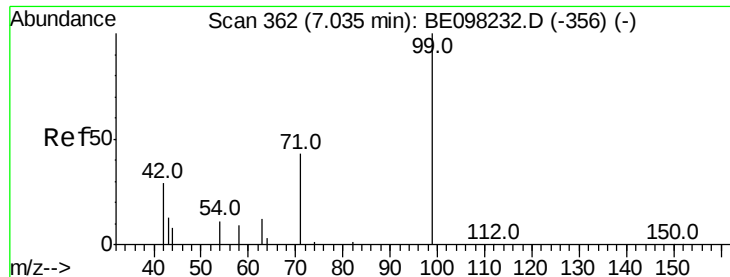
2-Fluorophenol
 Concen: 0.383 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098232.D
 Acq: 16 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	61.7	92.5
63	153.7	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: 0.381 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

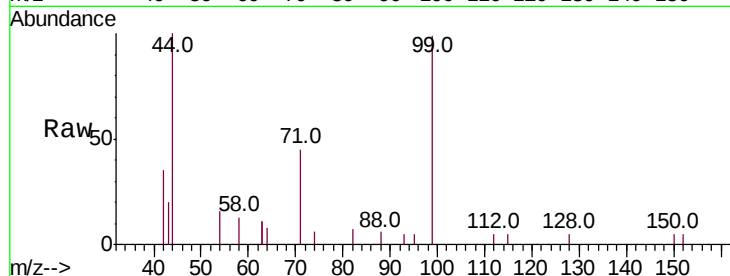
Tot Ion: 99 Resp: 2347

Ion Ratio Lower Upper

99 100

42 29.6 27.1 40.7

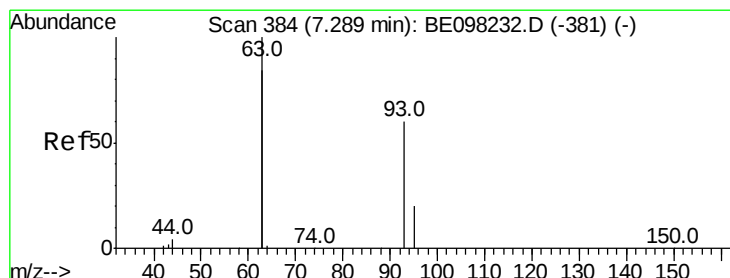
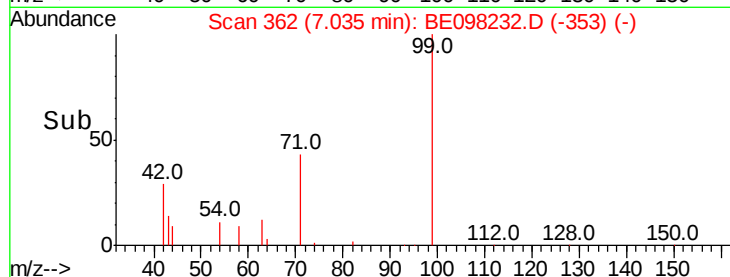
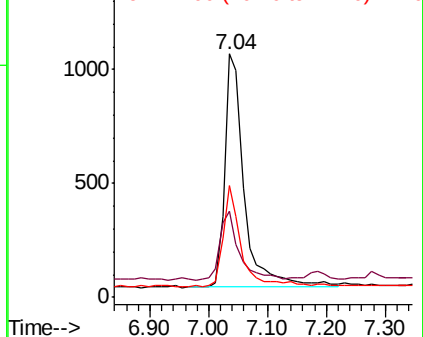
71 39.8 37.0 55.6



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: 0.390 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

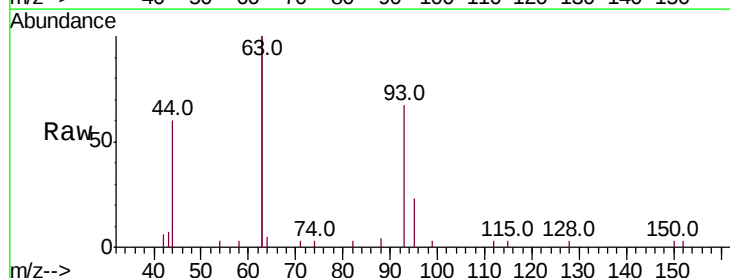
Tgt Ion: 93 Resp: 1938

Ion Ratio Lower Upper

93 100

63 339.7 272.6 409.0

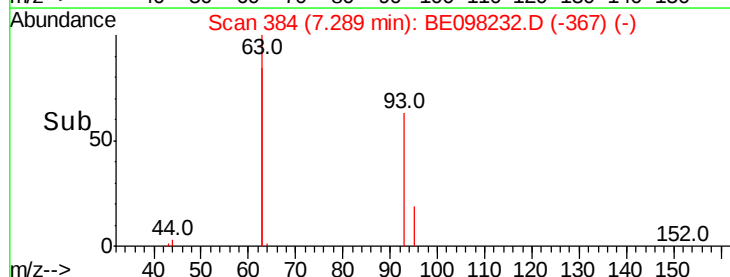
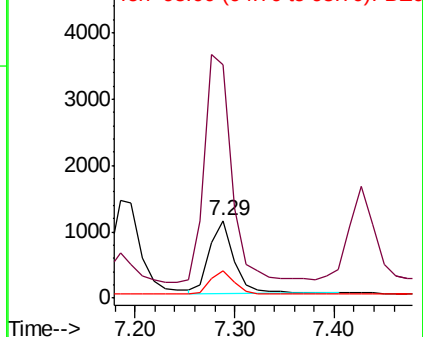
95 30.6 27.1 40.7

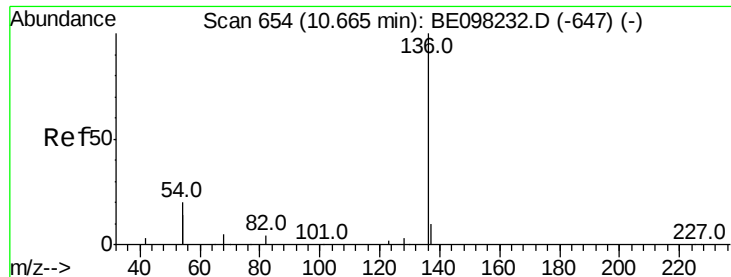


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6589

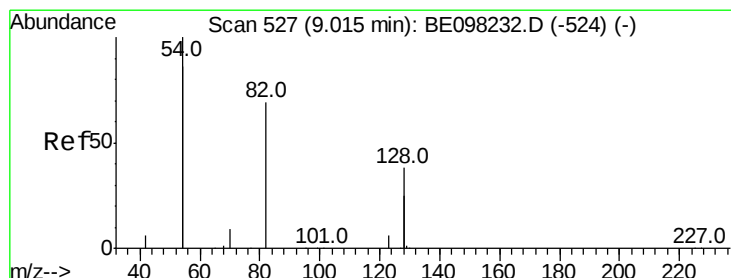
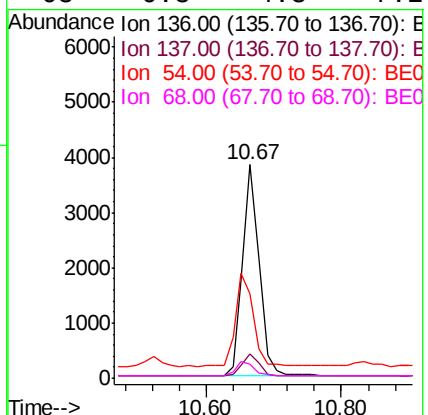
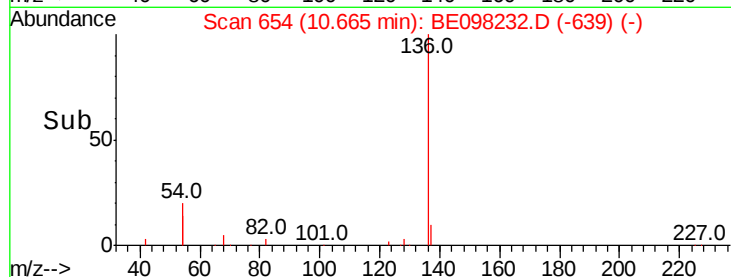
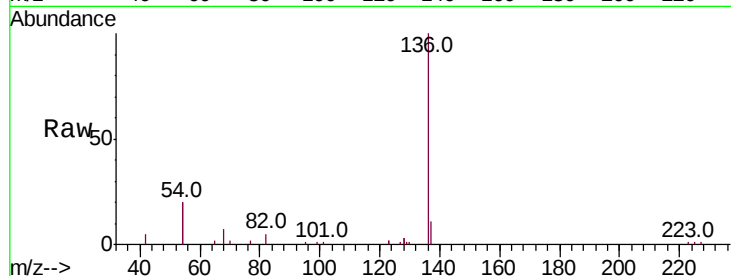
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 39.6 31.3 46.9

68 6.8 4.8 7.2



#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

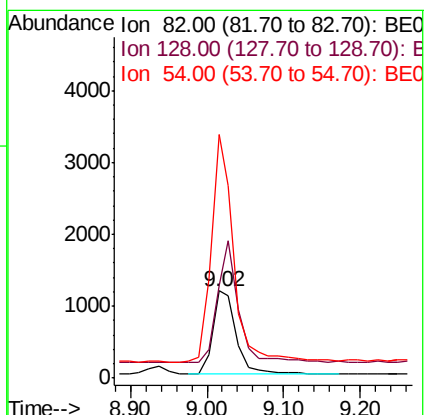
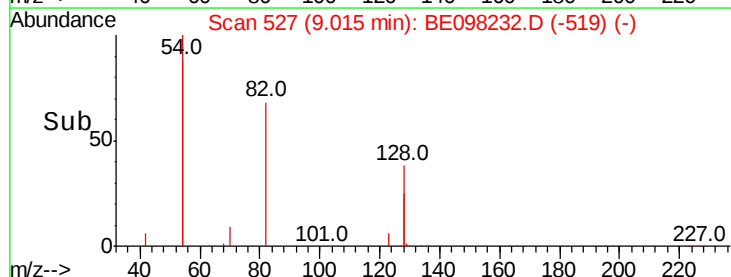
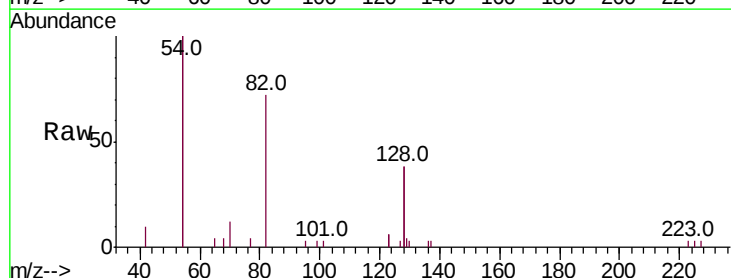
Tgt Ion: 82 Resp: 2535

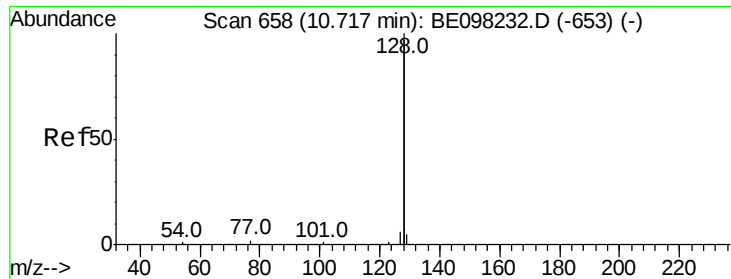
Ion Ratio Lower Upper

82 100

128 105.8 96.1 144.1

54 279.1 232.0 348.0





#9

Naphthalene

Concen: 0.412 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

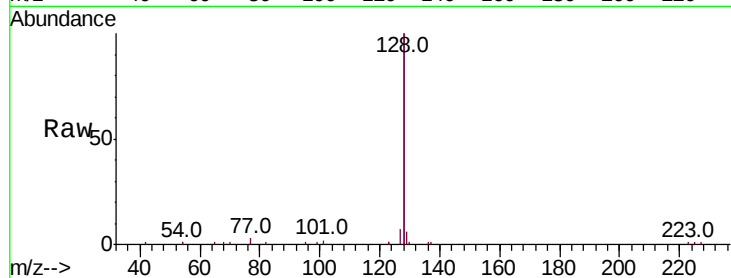
Tot Ion:128 Resp: 27596

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

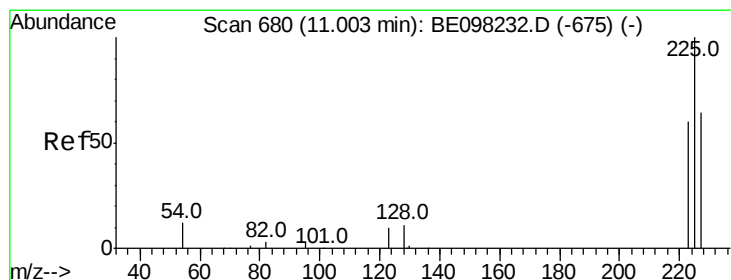
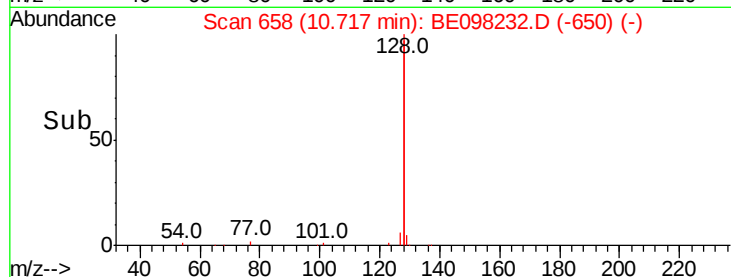
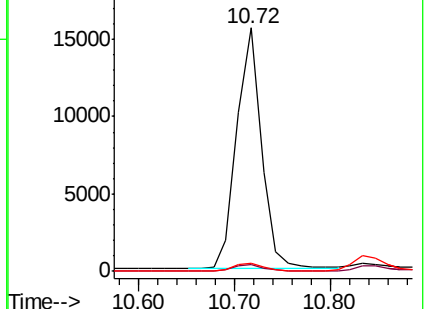
127 3.4 2.8 4.2



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: 0.386 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

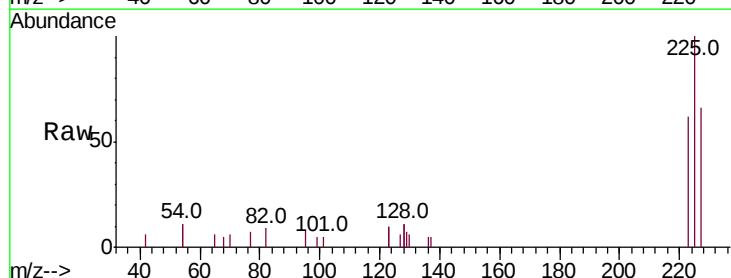
Tgt Ion:225 Resp: 1607

Ion Ratio Lower Upper

225 100

223 61.2 50.5 75.7

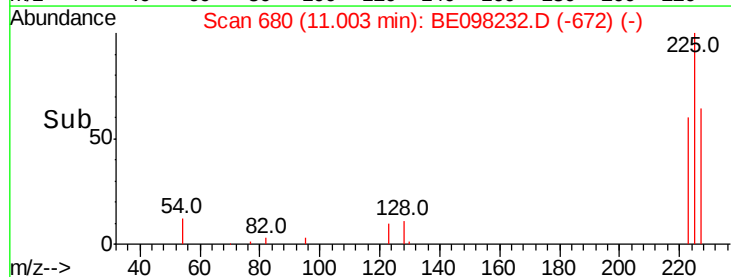
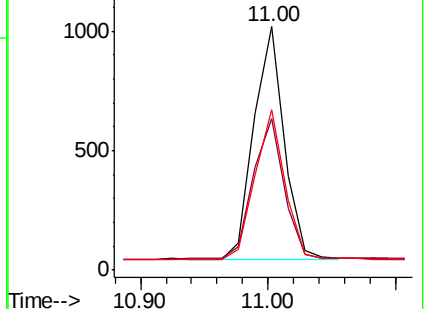
227 63.2 50.3 75.5

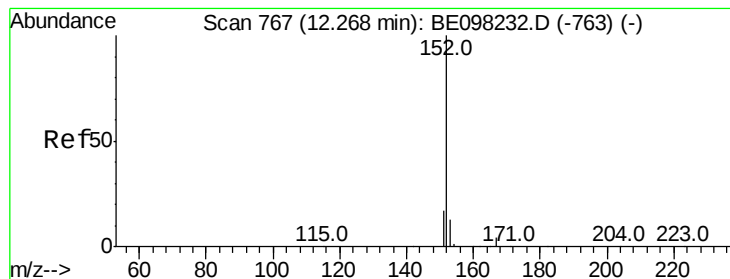


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

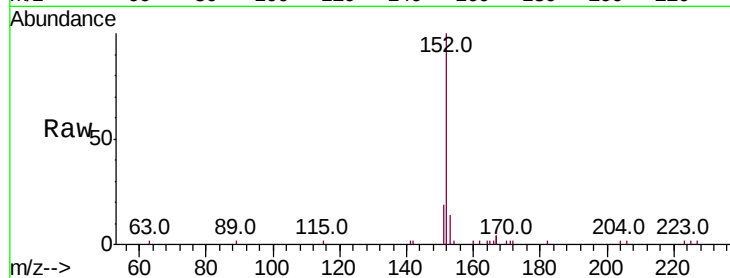
ClientSampleId :

Tot Ion:152 Resp: 4672

Ion Ratio Lower Upper

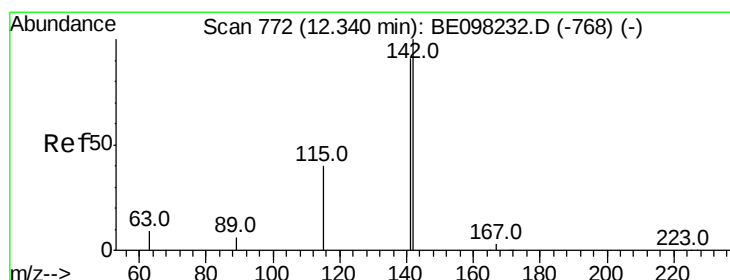
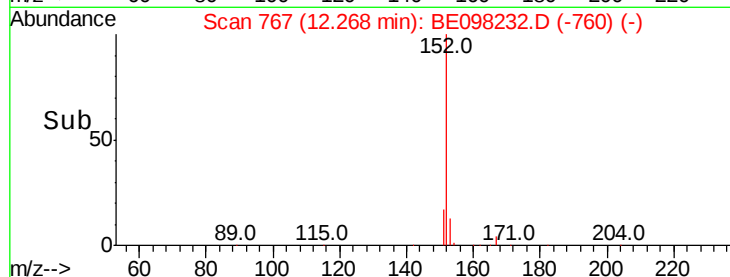
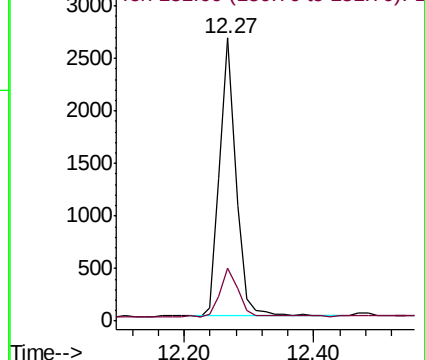
152 100

151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

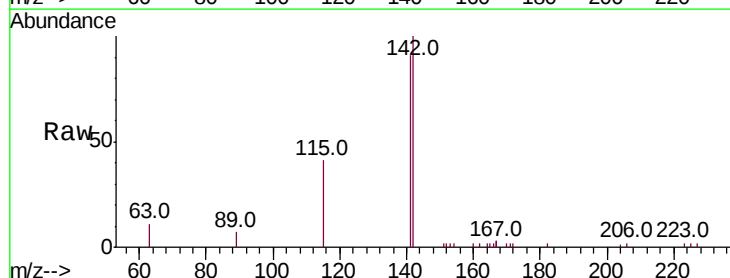
Tgt Ion:142 Resp: 4779

Ion Ratio Lower Upper

142 100

141 91.0 76.3 114.5

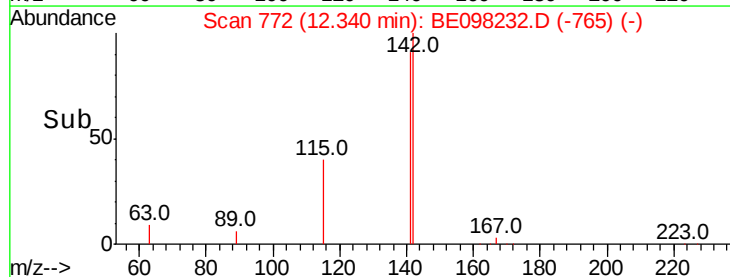
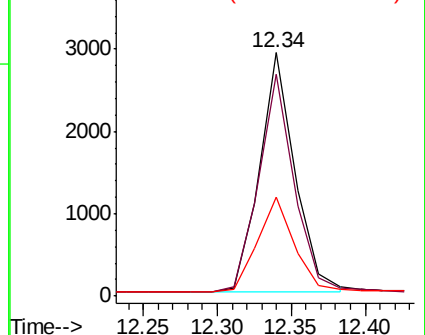
115 40.8 35.8 53.8

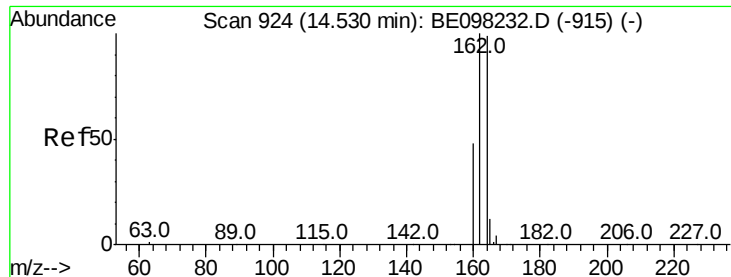


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

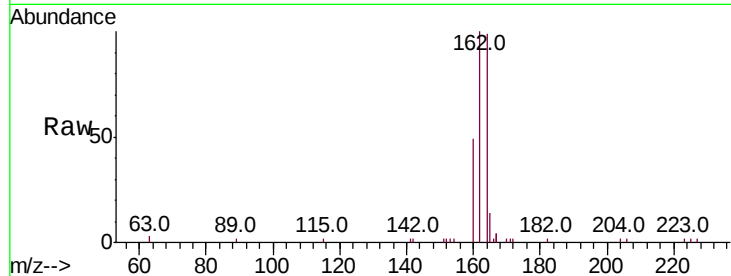




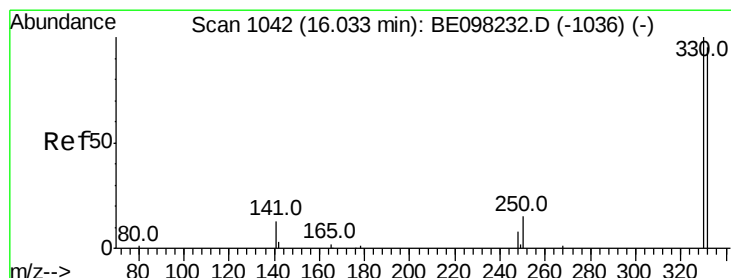
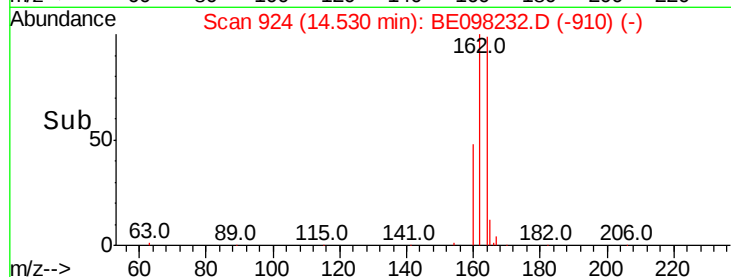
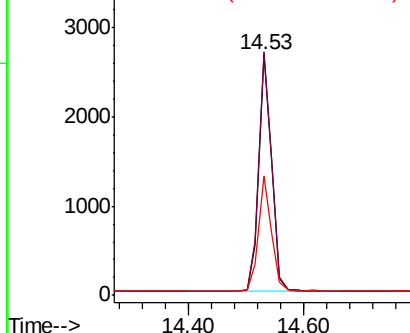
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098232.D
Acq: 16 Nov 2018 16:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4213
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 49.8 39.4 59.0

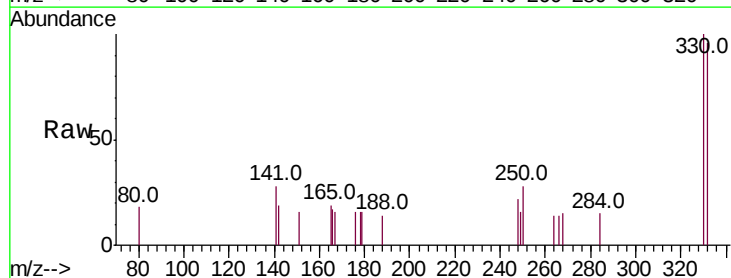


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

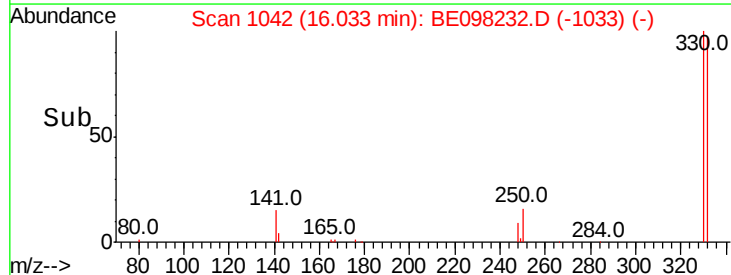
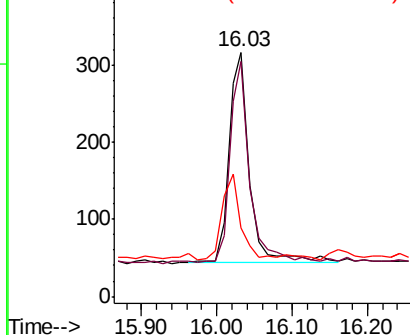


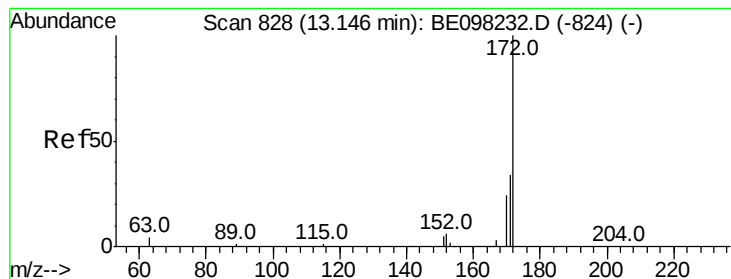
#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098232.D
Acq: 16 Nov 2018 16:40

Tgt Ion:330 Resp: 522
Ion Ratio Lower Upper
330 100
332 92.1 77.7 116.5
141 36.6 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: 0.406 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampled :

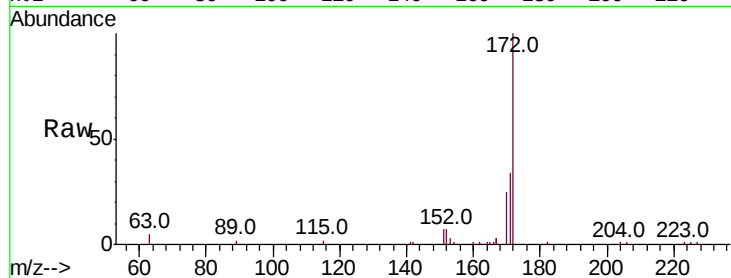
Tot Ion:172 Resp: 7170

Ion Ratio Lower Upper

172 100

171 34.4 27.3 40.9

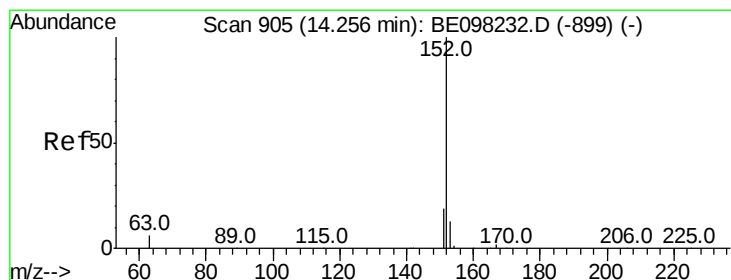
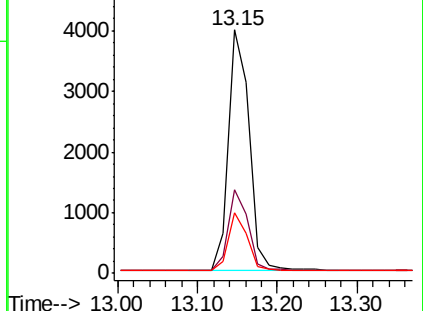
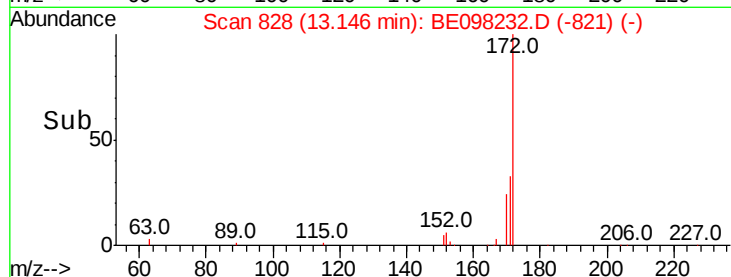
170 24.8 19.4 29.0



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: 0.419 ng

RT: 14.26 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

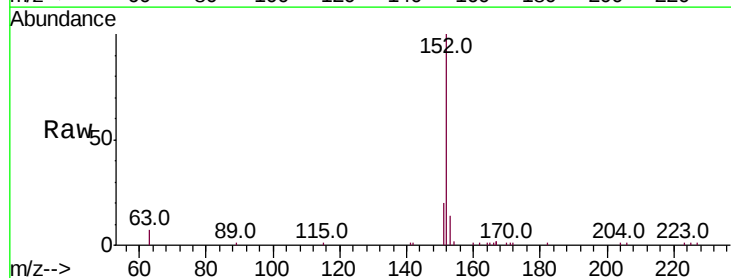
Tgt Ion:152 Resp: 8099

Ion Ratio Lower Upper

152 100

151 19.0 16.4 24.6

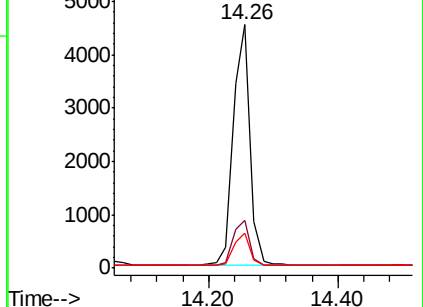
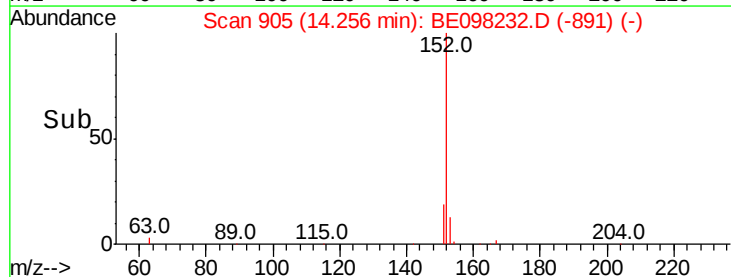
153 13.0 10.6 15.8

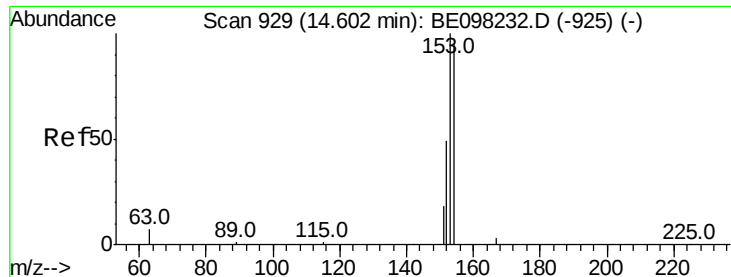


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

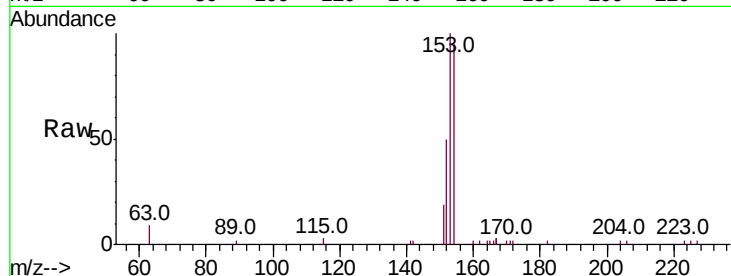
Tot Ion:154 Resp: 4955

Ion Ratio Lower Upper

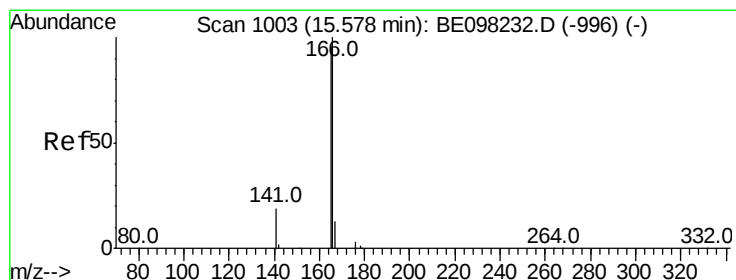
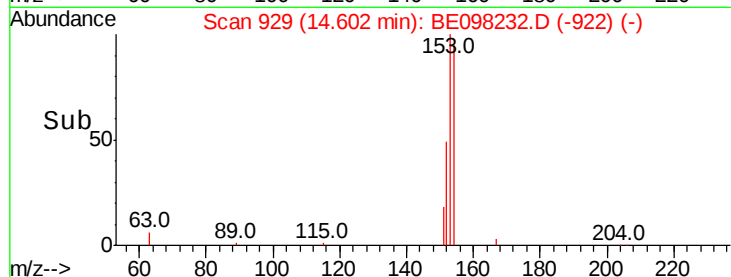
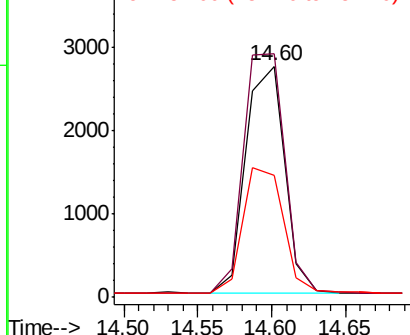
154 100

153 112.6 92.1 138.1

152 57.9 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: BE098232.D

Acq: 16 Nov 2018 16:40

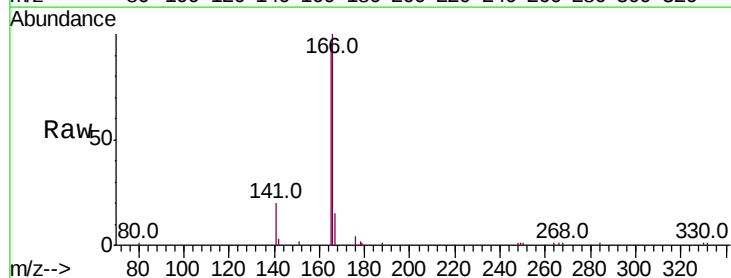
Tgt Ion:166 Resp: 6171

Ion Ratio Lower Upper

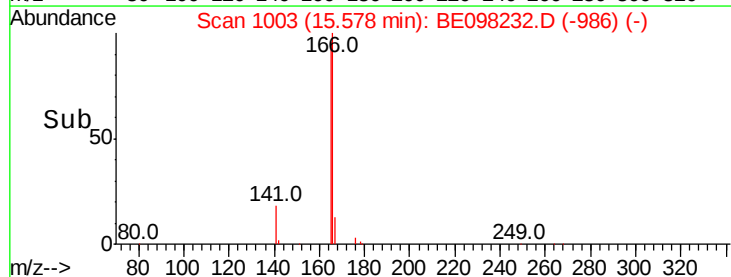
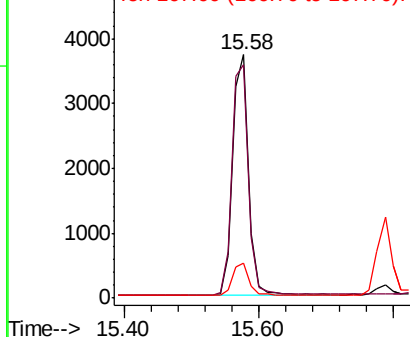
166 100

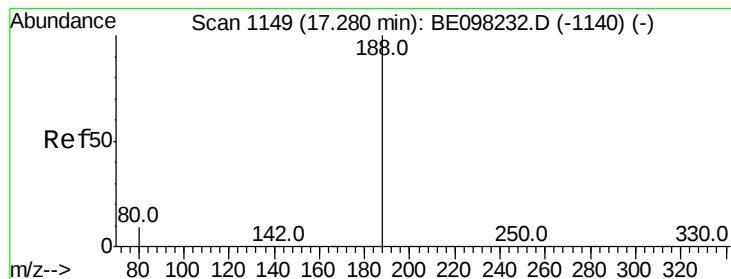
165 99.0 80.1 120.1

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: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

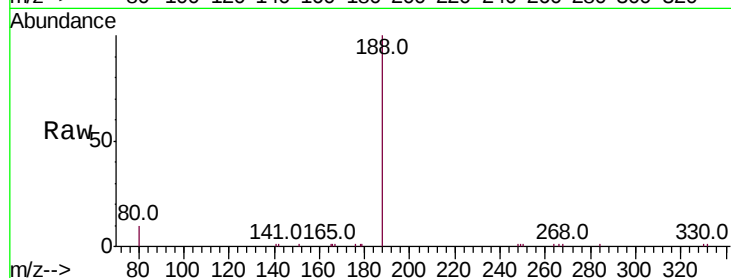
Tot Ion:188 Resp: 9702

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

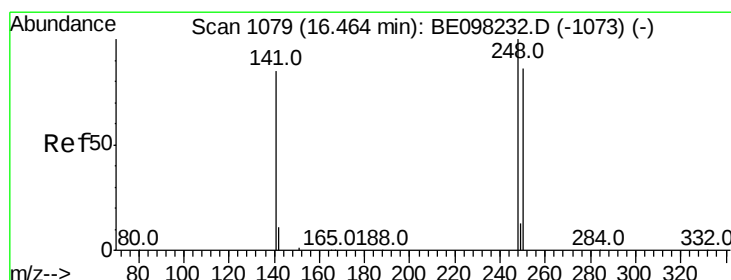
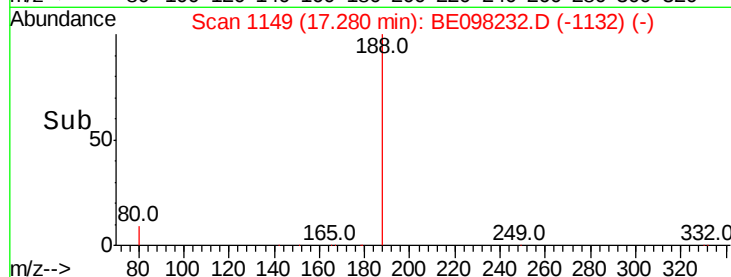
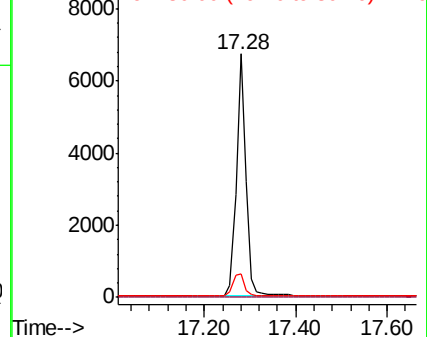
80 9.5 6.7 10.1



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



#20

4-Bromophenyl-phenylether

Concen: 0.408 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

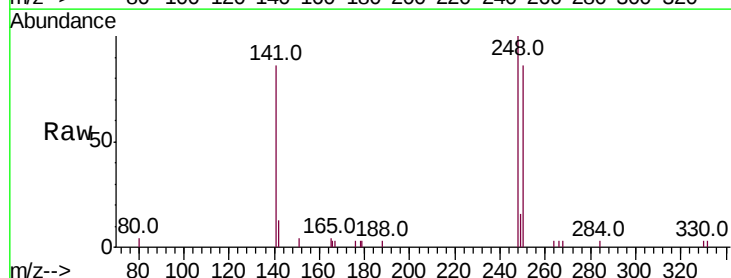
Tgt Ion:248 Resp: 2411

Ion Ratio Lower Upper

248 100

250 86.3 77.6 116.4

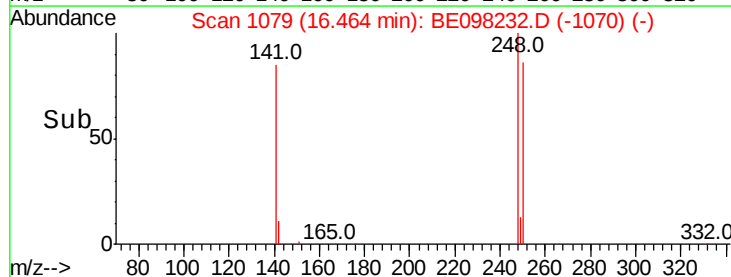
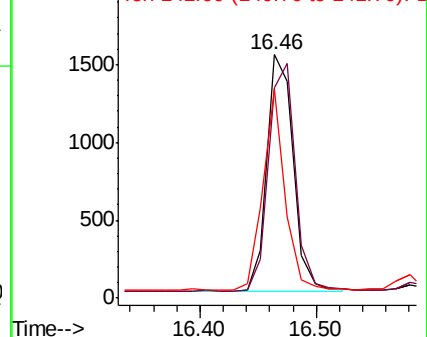
141 86.1 65.8 98.8

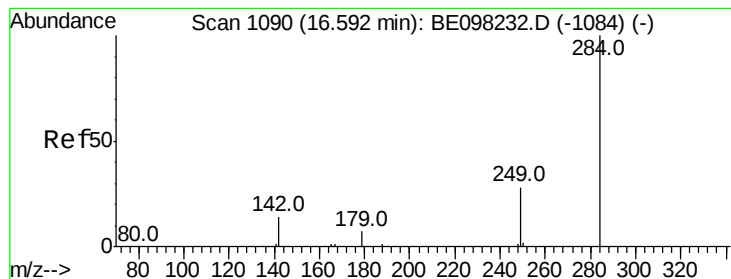


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

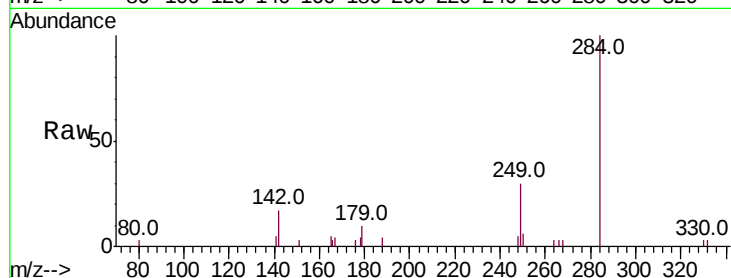
Tot Ion:284 Resp: 2433

Ion Ratio Lower Upper

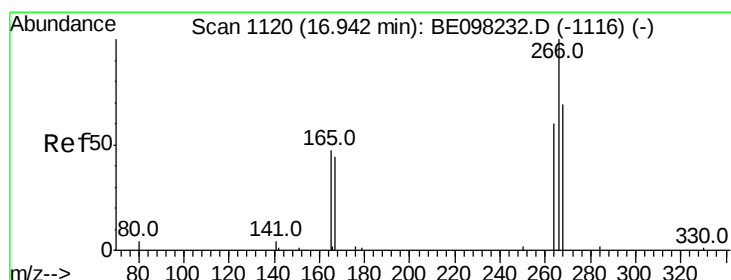
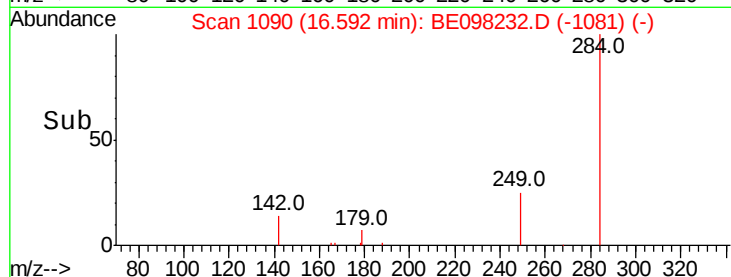
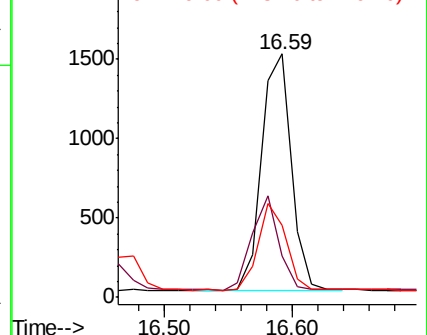
284 100

142 35.7 26.5 39.7

249 35.0 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: 0.307 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

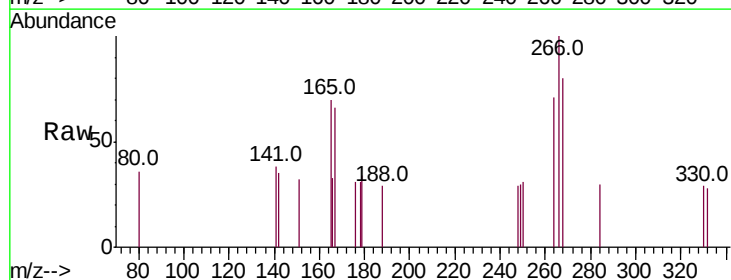
Tgt Ion:266 Resp: 328

Ion Ratio Lower Upper

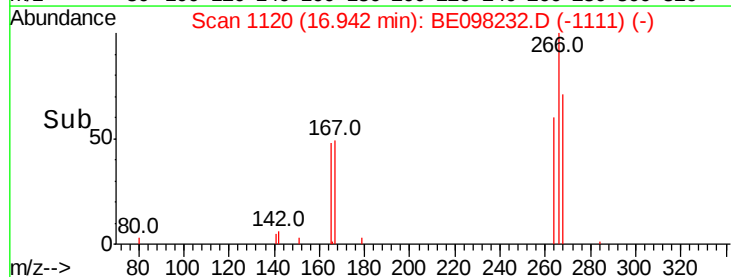
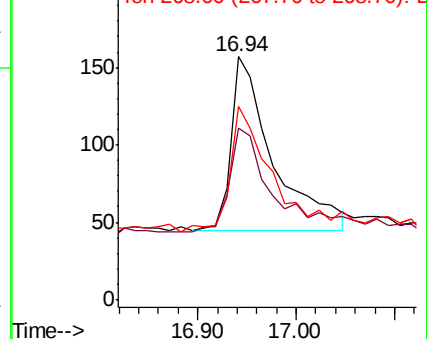
266 100

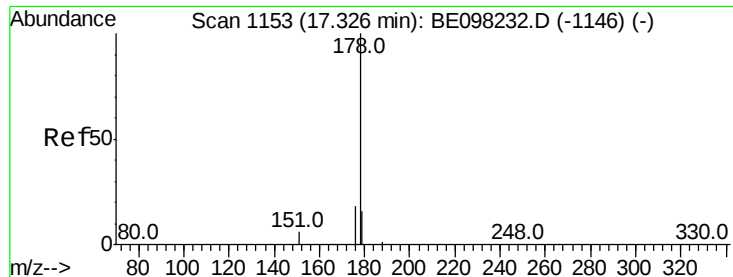
264 70.7 57.6 86.4

268 79.6 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: 0.414 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

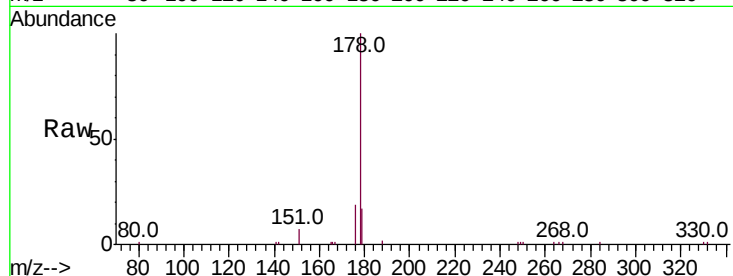
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 9997

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	12.3	18.5

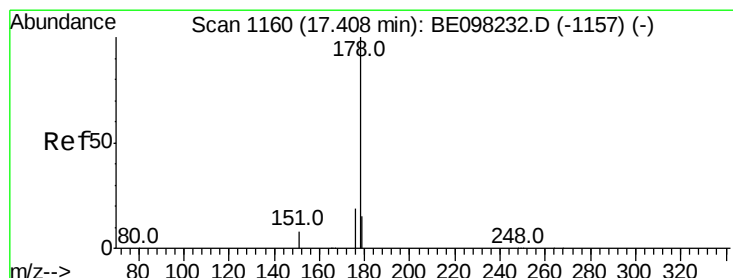
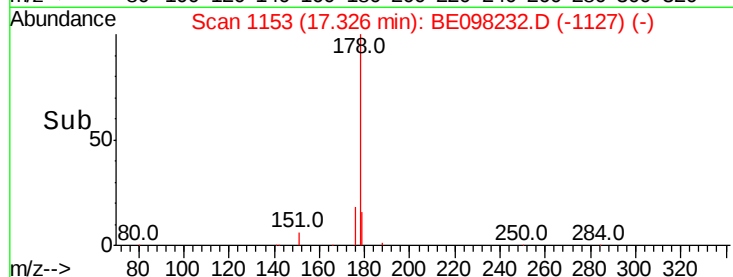
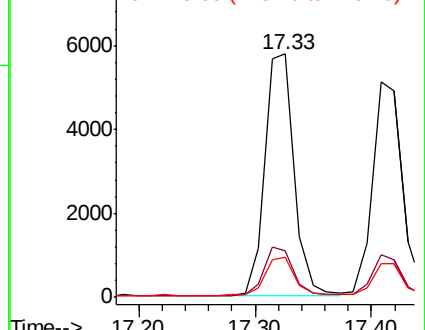


Abundance

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: 0.400 ng

RT: 17.41 min Scan# 1160

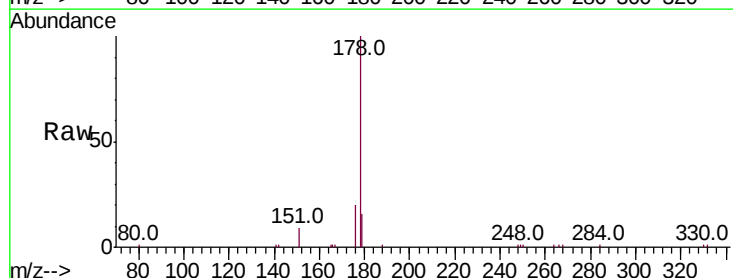
Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Tgt Ion:178 Resp: 9010

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	15.0	12.1	18.1

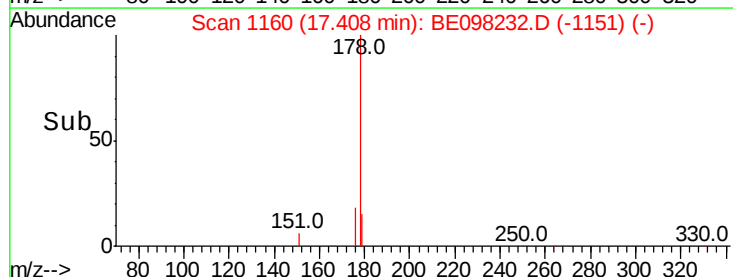
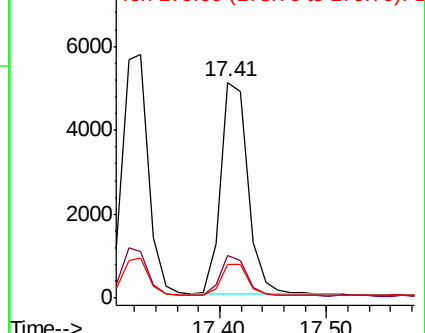


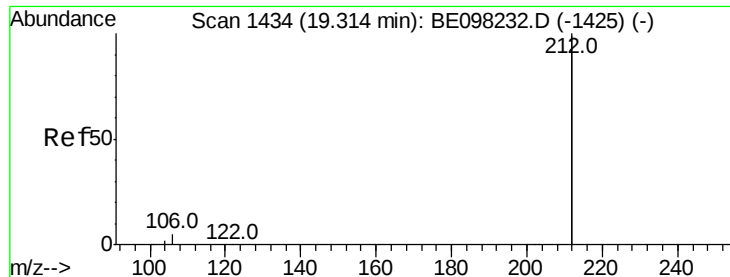
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

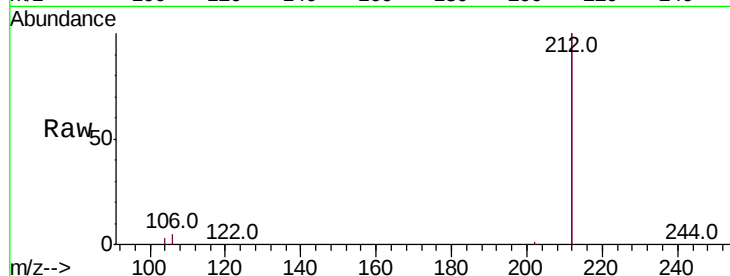
Tot Ion:212 Resp: 46811

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

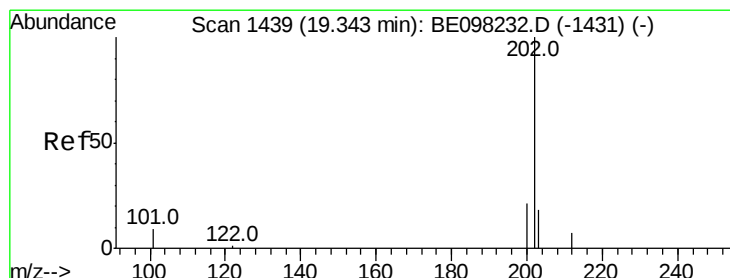
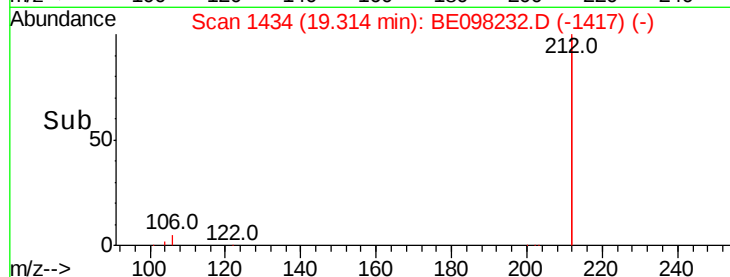
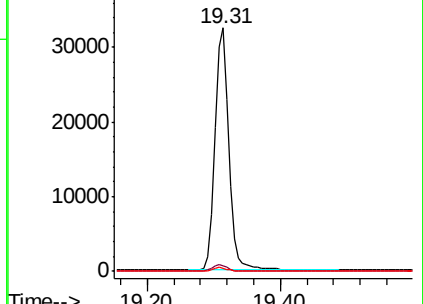
104 1.5 1.1 1.7



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: 0.400 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

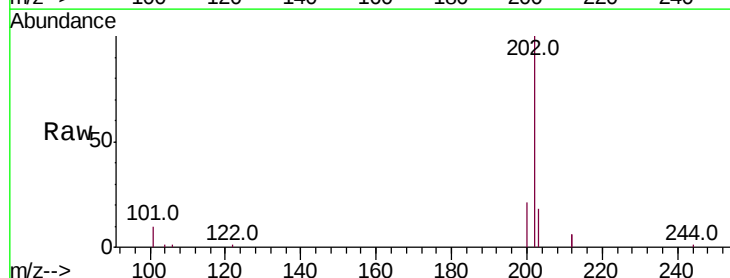
Tgt Ion:202 Resp: 11966

Ion Ratio Lower Upper

202 100

101 9.9 7.0 10.6

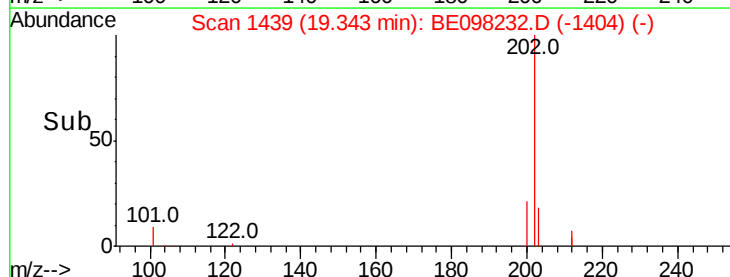
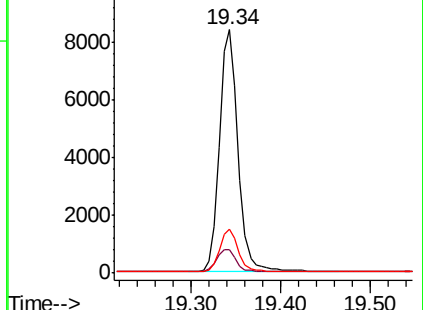
203 17.1 13.7 20.5

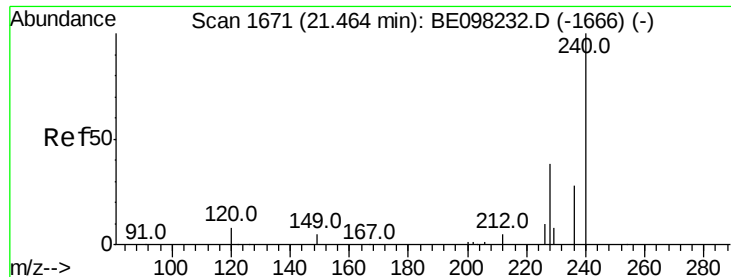


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

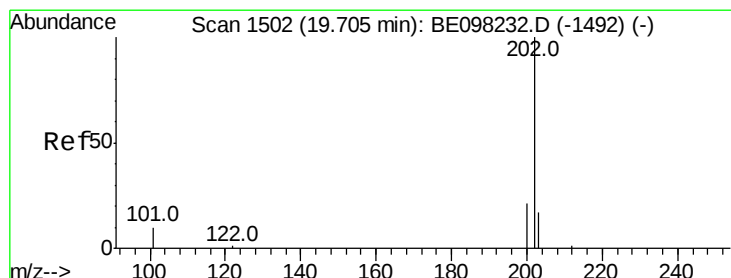
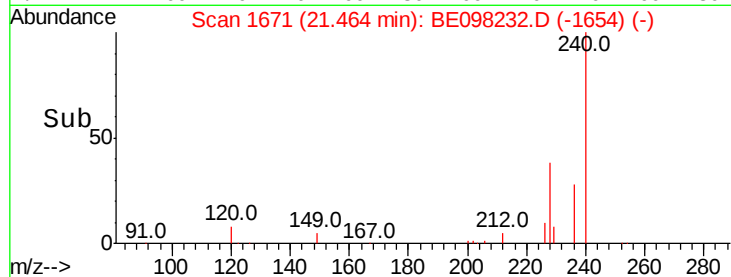
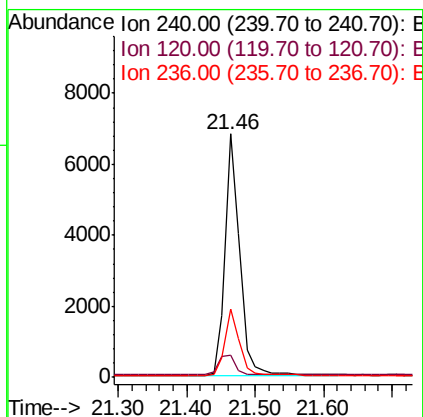
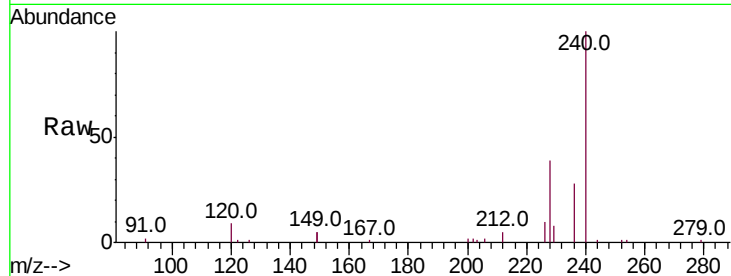




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098232.D
 Acq: 16 Nov 2018 16:40

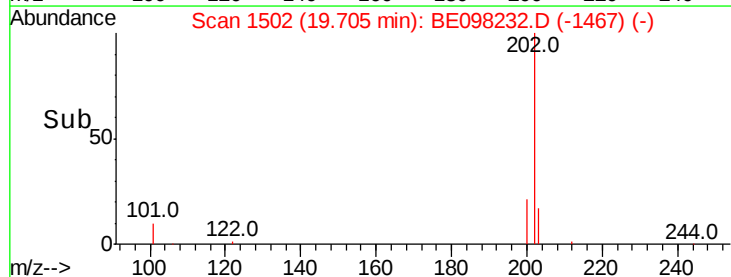
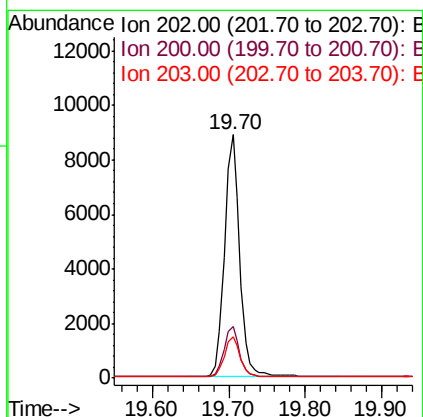
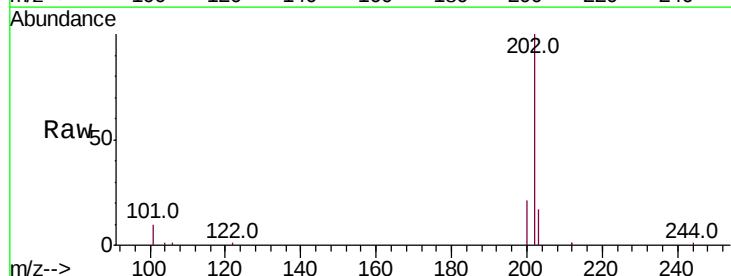
Instrument :
 BNA_E
 ClientSampleId :

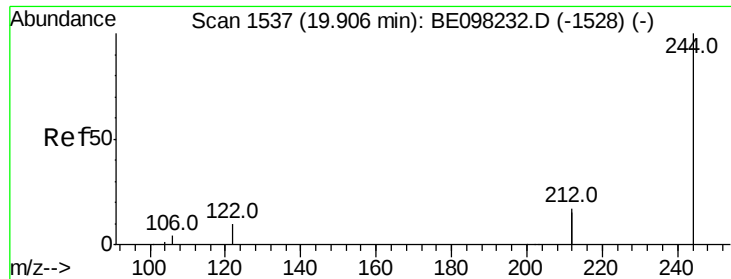
Tot Ion:240 Resp: 10198
 Ion Ratio Lower Upper
 240 100
 120 9.0 4.8 7.2#
 236 28.1 21.4 32.0



#28
 Pyrene
 Concen: 0.439 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BE098232.D
 Acq: 16 Nov 2018 16:40

Tgt Ion:202 Resp: 12327
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.2 25.8
 203 17.1 14.2 21.4





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

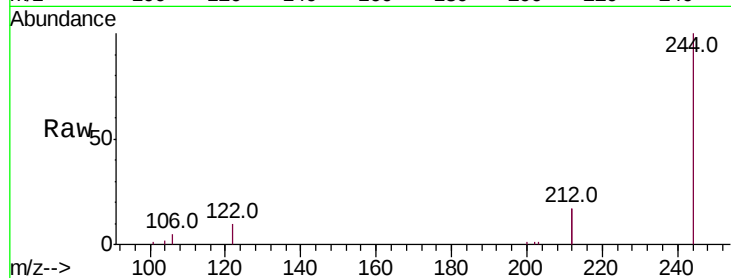
Tot Ion:244 Resp: 9575

Ion Ratio Lower Upper

244 100

212 34.7 26.8 40.2

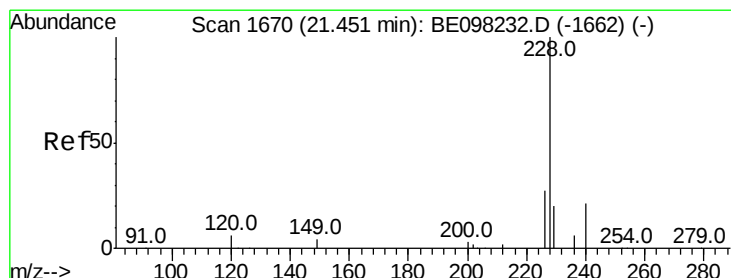
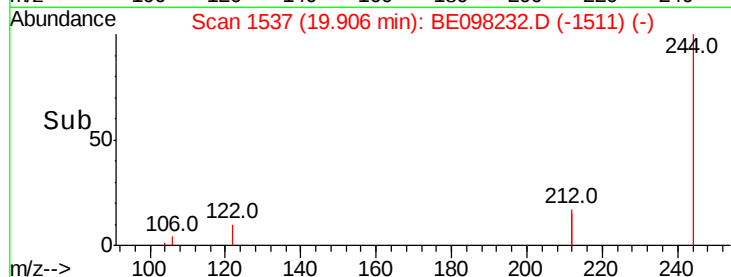
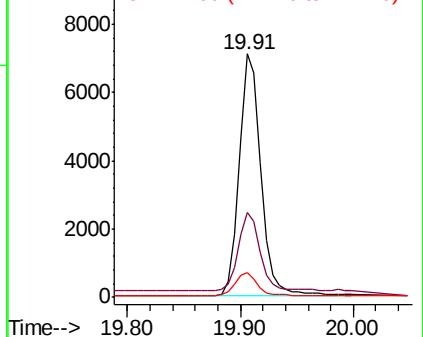
122 10.3 7.0 10.6



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: 0.409 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

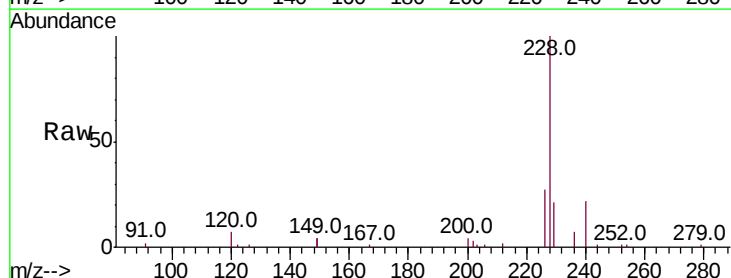
Tgt Ion:228 Resp: 11855

Ion Ratio Lower Upper

228 100

226 27.3 20.7 31.1

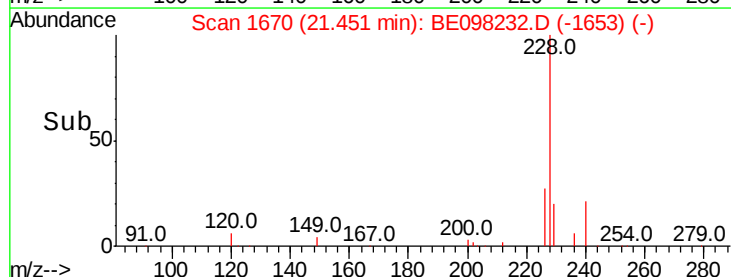
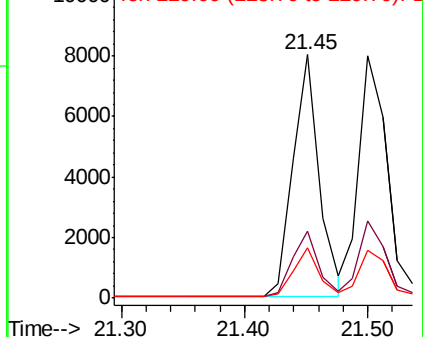
229 20.5 16.2 24.4

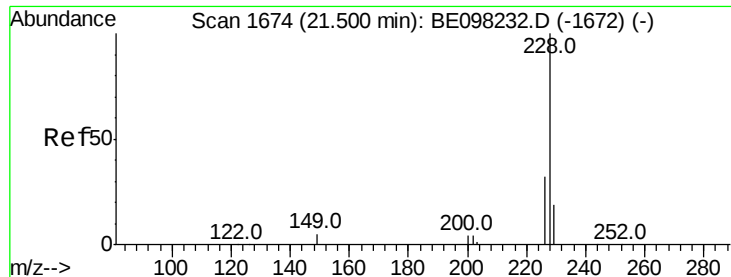


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampled :

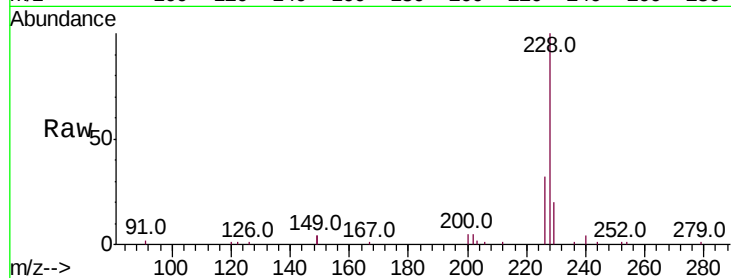
Tot Ion:228 Resp: 12429

Ion Ratio Lower Upper

228 100

226 31.7 24.6 36.8

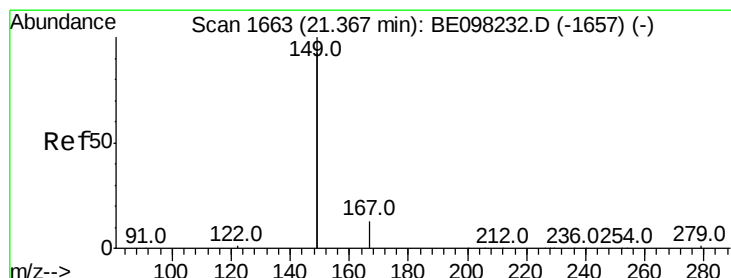
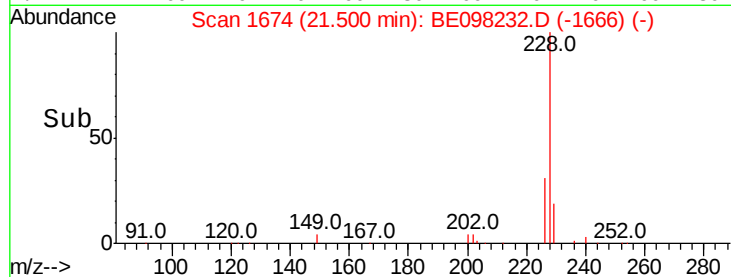
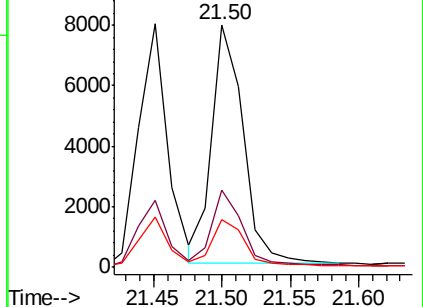
229 19.9 16.0 24.0



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: 0.295 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

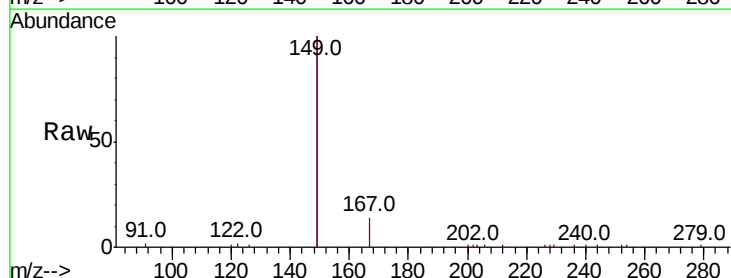
Tgt Ion:149 Resp: 17750

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

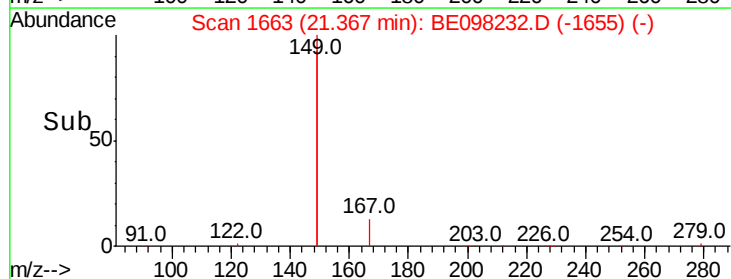
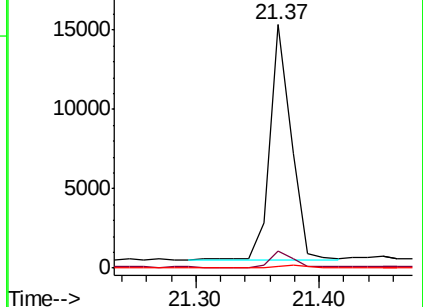
279 1.2 0.9 1.3

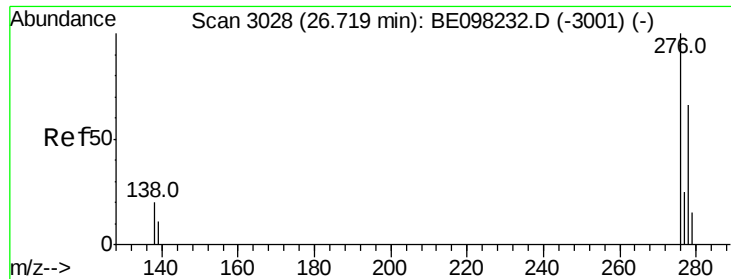


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.393 ng

RT: 26.72 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

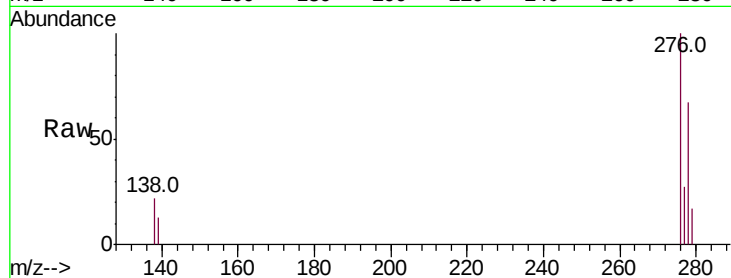
Tot Ion:276 Resp: 10613

Ion Ratio Lower Upper

276 100

138 19.7 6.4 9.6#

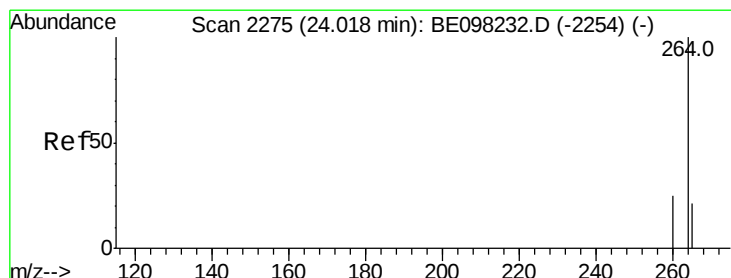
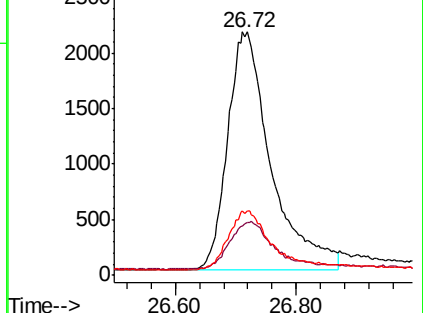
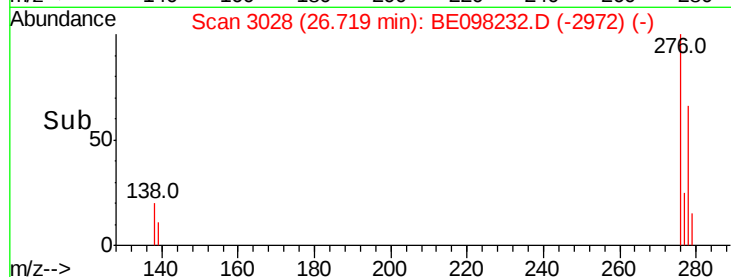
277 10.1 18.9 28.3#



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# 2275

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

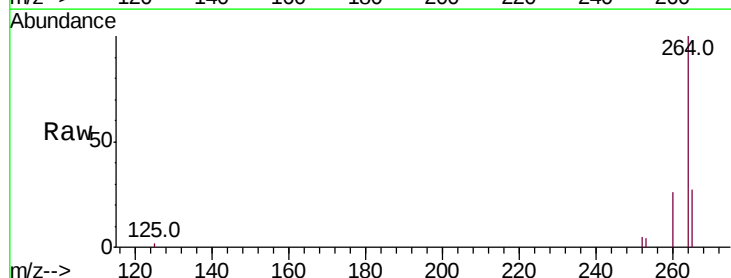
Tgt Ion:264 Resp: 9569

Ion Ratio Lower Upper

264 100

260 25.7 19.9 29.9

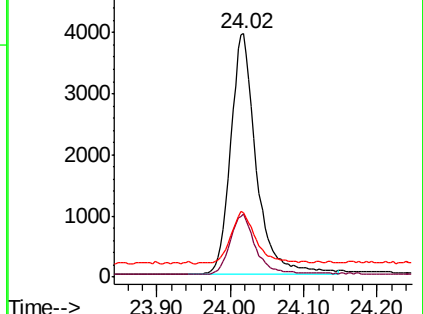
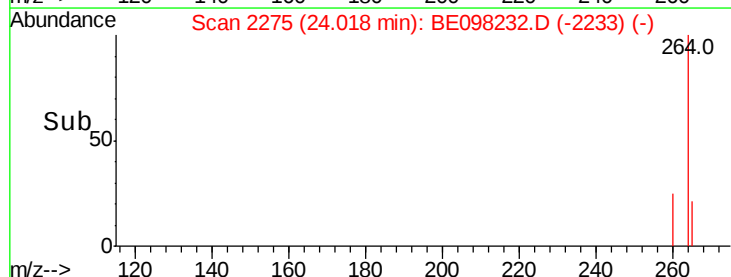
265 26.6 21.3 31.9

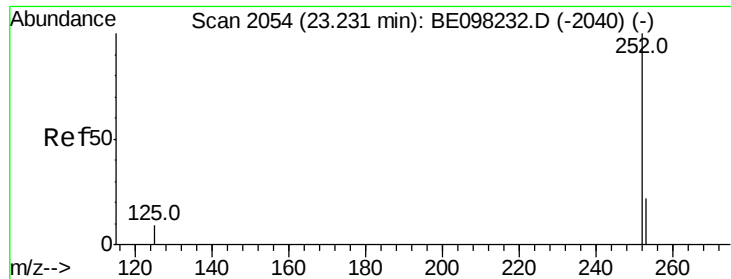


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.394 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :

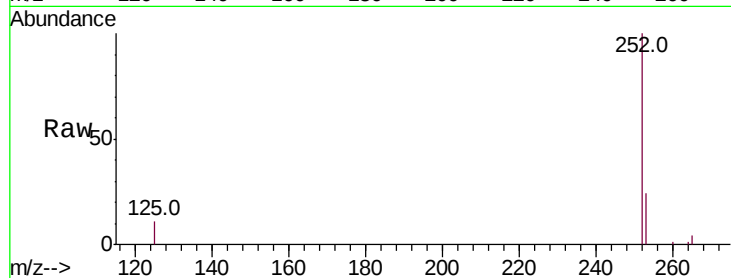
Tot Ion:252 Resp: 10701

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.0

125 10.6 8.6 12.8

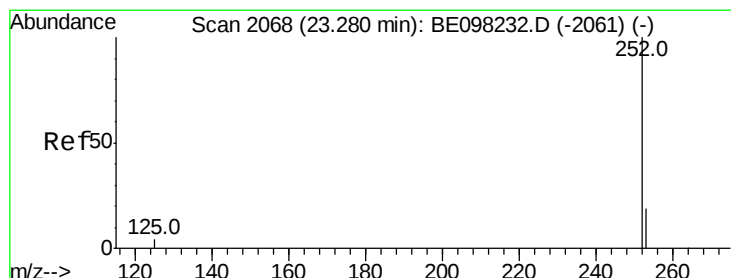
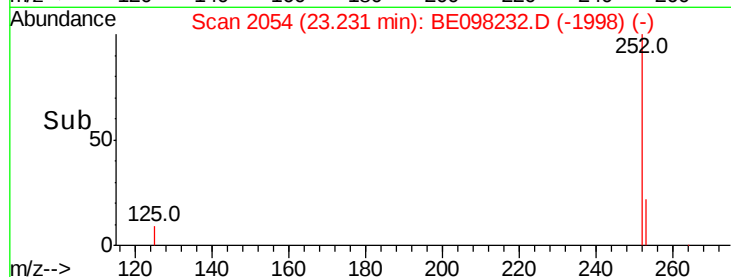
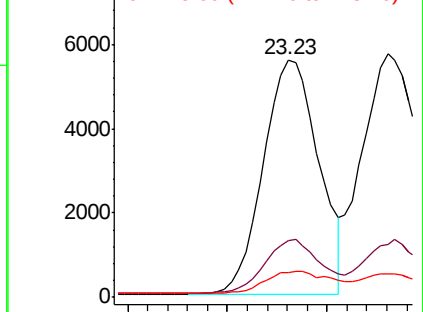


Abundance

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: 0.436 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

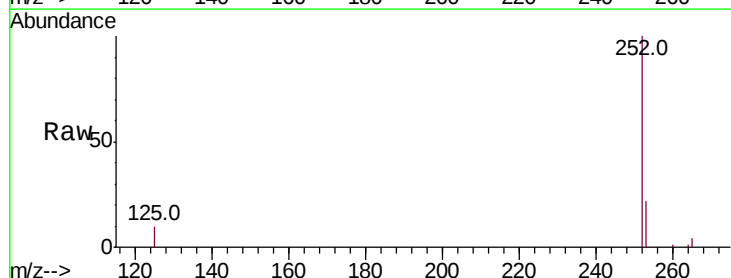
Tgt Ion:252 Resp: 12485

Ion Ratio Lower Upper

252 100

253 21.9 18.6 28.0

125 9.8 7.4 11.0

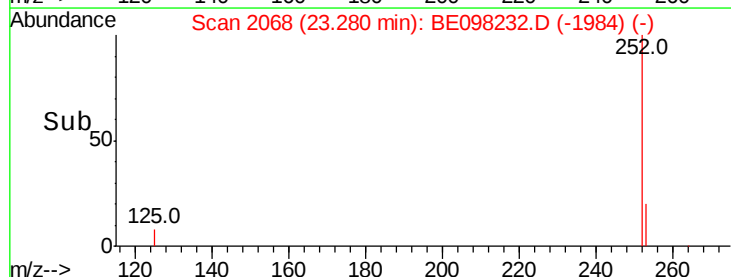
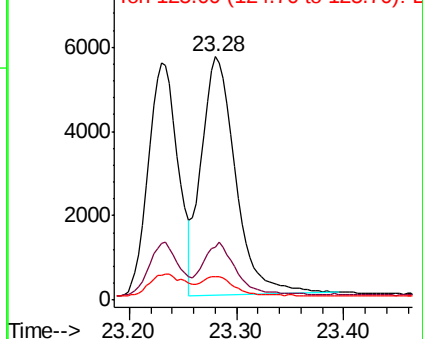


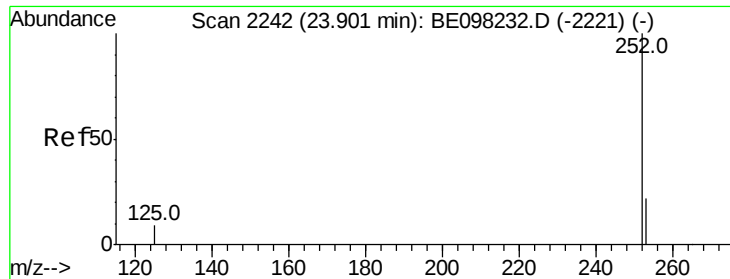
Abundance

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

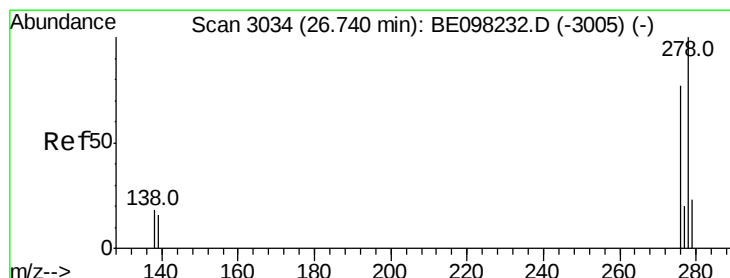
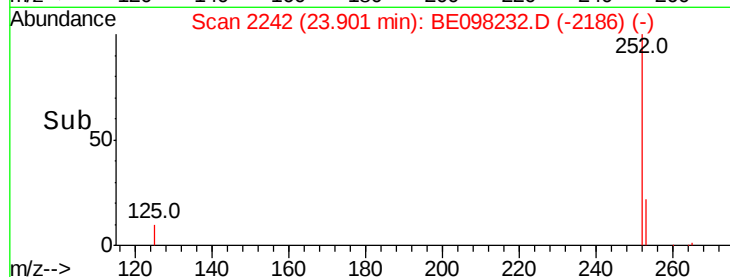
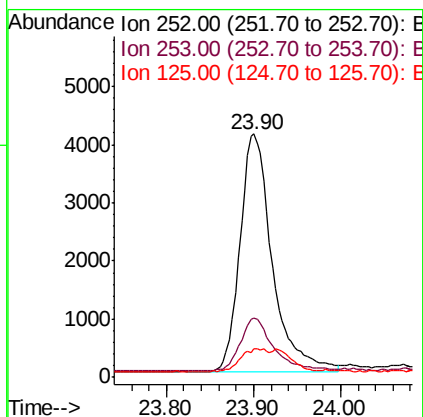
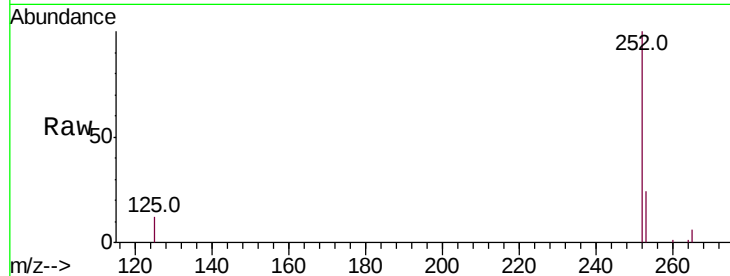




#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098232.D
Acq: 16 Nov 2018 16:40

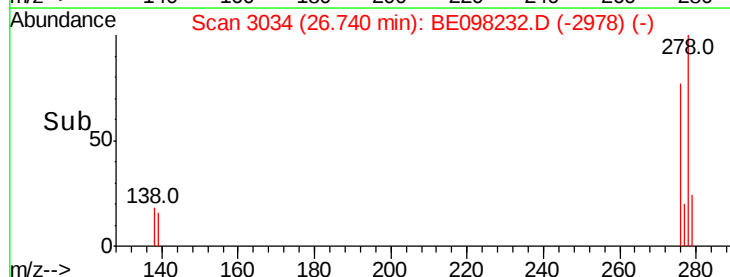
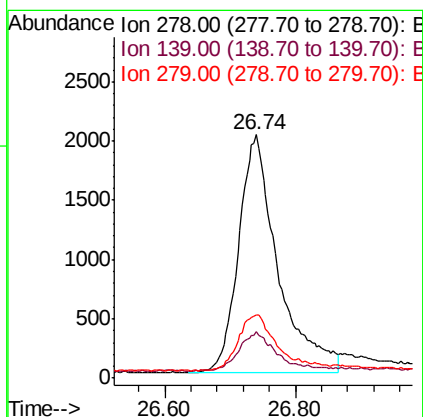
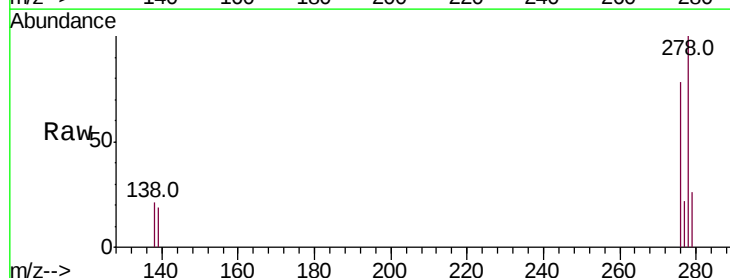
Instrument :
BNA_E
ClientSampleId :

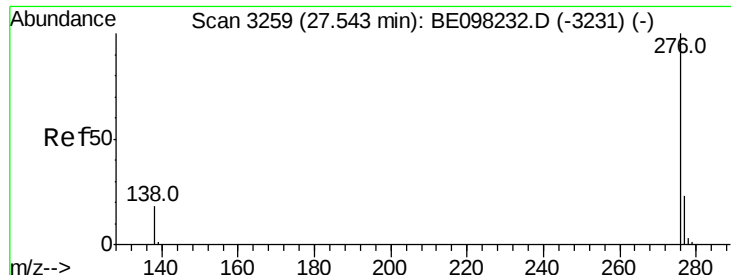
Tot Ion:252 Resp: 10639
Ion Ratio Lower Upper
252 100
253 24.2 18.6 27.8
125 11.6 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.74 min Scan# 3034
Delta R.T. 0.00 min
Lab File: BE098232.D
Acq: 16 Nov 2018 16:40

Tgt Ion:278 Resp: 8378
Ion Ratio Lower Upper
278 100
139 19.0 16.4 24.6
279 25.9 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.377 ng

RT: 27.54 min Scan# 3259

Delta R.T. 0.00 min

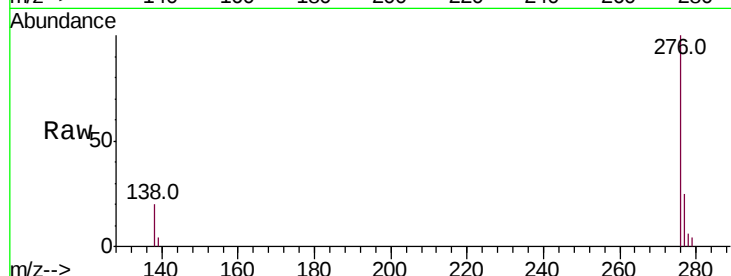
Lab File: BE098232.D

Acq: 16 Nov 2018 16:40

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8735

Ion Ratio Lower Upper

276 100

277 25.2 20.4 30.6

138 20.3 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

