

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098277.D
 Acq On : 29 Nov 2018 17:03
 Operator : SJ/JU
 Sample : J6047-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 29 17:46:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1677	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6820	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4196	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10082	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11019	0.40	ng	0.00
34) Perylene-d12	24.01	264	10655	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1321	0.30	ng	0.01
5) Phenol-d6	7.04	99	1261	0.20	ng	0.00
8) Nitrobenzene-d5	9.02	82	2919	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	7185	0.65	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	968	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9874	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	60894	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12950	0.52	ng	0.00

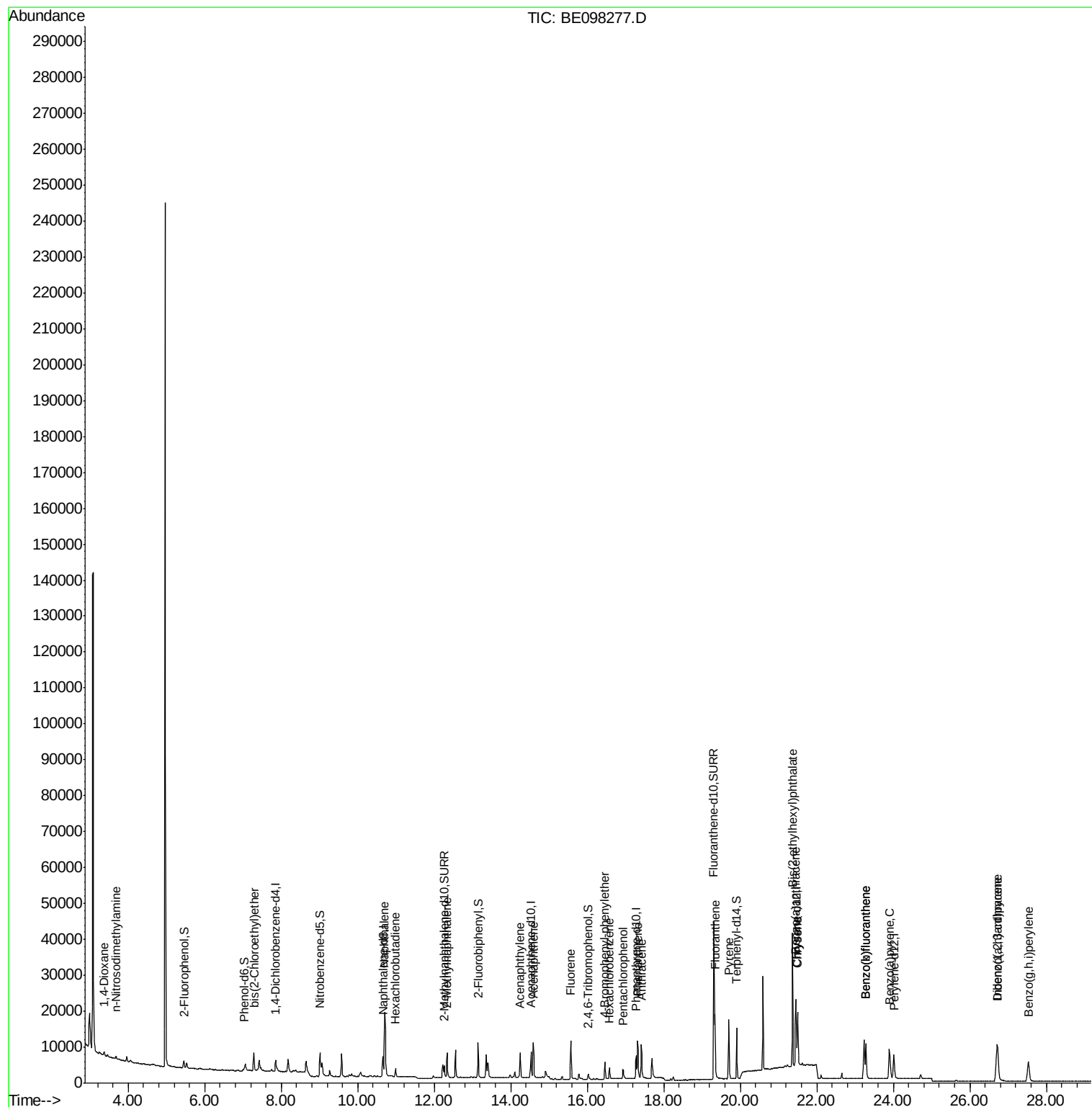
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	508	0.153	ng	# 41
3) n-Nitrosodimethylamine	3.68	42	704	0.219	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2174	0.374	ng	89
9) Naphthalene	10.71	128	32041	0.468	ng	99
10) Hexachlorobutadiene	10.99	225	1533	0.349	ng	98
12) 2-Methylnaphthalene	12.34	142	5408	0.475	ng	99
16) Acenaphthylene	14.24	152	9048	0.462	ng	99
17) Acenaphthene	14.59	154	5150	0.441	ng	99
18) Fluorene	15.57	166	7365	0.476	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2540	0.445	ng	97
21) Hexachlorobenzene	16.58	284	2466	0.418	ng	96
22) Pentachlorophenol	16.94	266	1743	0.829	ng	94
23) Phenanthrene	17.31	178	12265	0.490	ng	99
24) Anthracene	17.41	178	11475	0.492	ng	99
26) Fluoranthene	19.34	202	15692	0.459	ng	99
28) Pyrene	19.70	202	15781	0.517	ng	99
30) Benzo(a)anthracene	21.45	228	15439	0.476	ng	99
31) Chrysene	21.50	228	15400	0.467	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	39064	0.503	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	16515	0.496	ng	99
35) Benzo(b)fluoranthene	23.28	252	15186	0.486	ng	98
36) Benzo(k)fluoranthene	23.28	252	15186	0.463	ng	100
37) Benzo(a)pyrene	23.90	252	14757	0.490	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13693	0.480	ng	99
39) Benzo(g,h,i)perylene	27.53	276	13900	0.486	ng	99

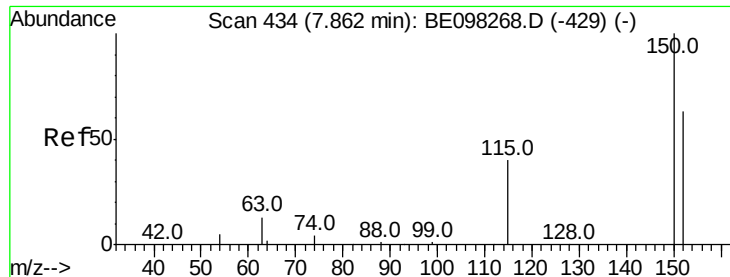
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

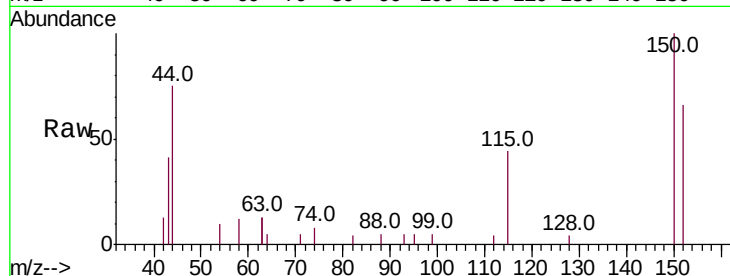
Tot Ion:152 Resp: 1677

Ion Ratio Lower Upper

152 100

150 150.5 124.2 186.4

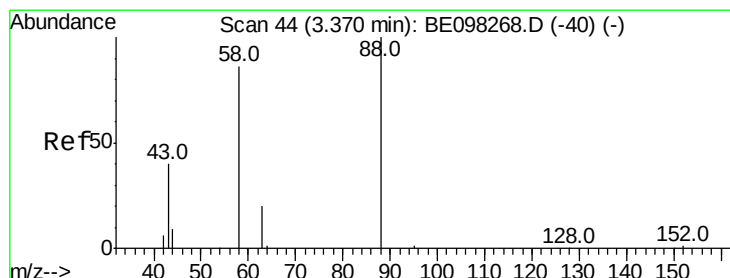
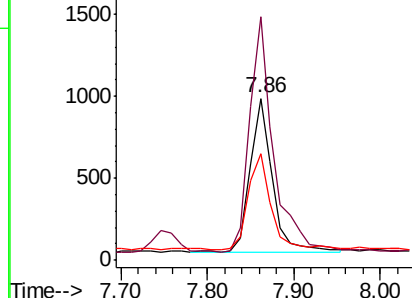
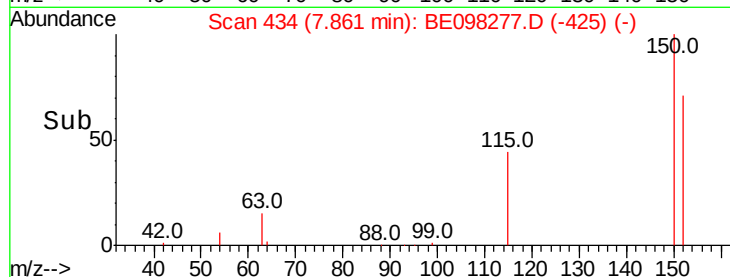
115 66.2 53.9 80.9



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: 0.153 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

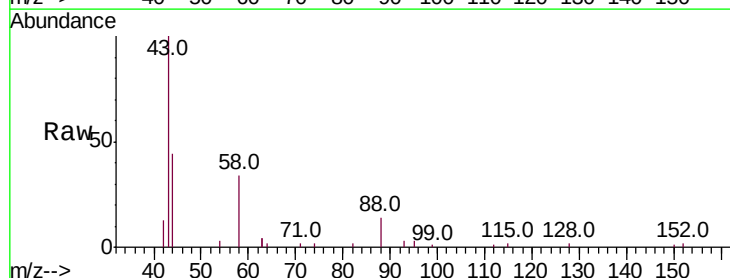
Tgt Ion: 88 Resp: 508

Ion Ratio Lower Upper

88 100

58 138.4 75.0 112.6#

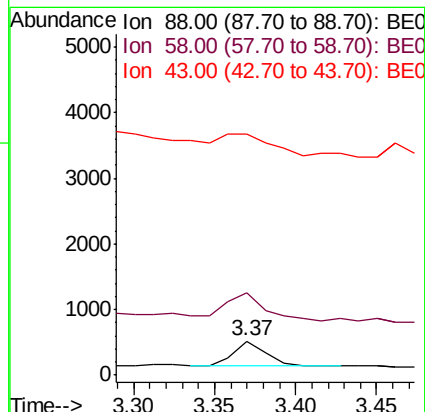
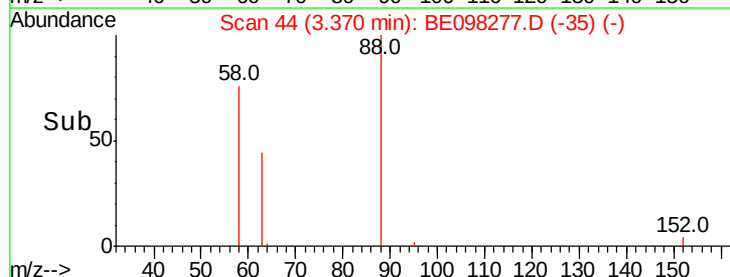
43 105.5 38.3 57.5#

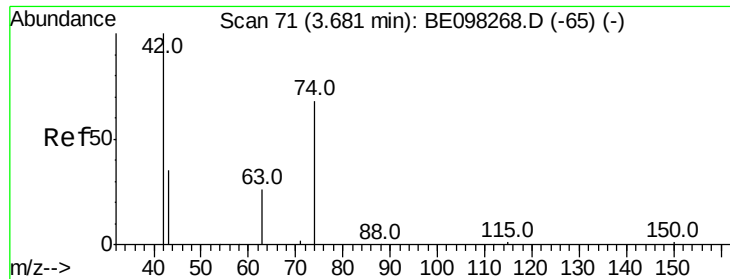


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.219 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

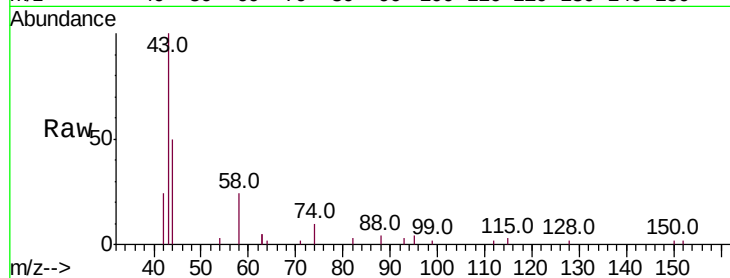
Tot Ion: 42 Resp: 704

Ion Ratio Lower Upper

42 100

74 100.4 0.0 0.0#

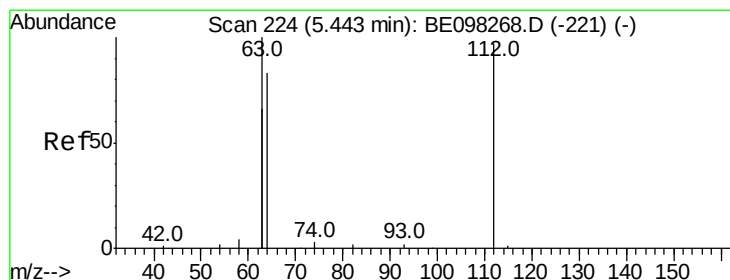
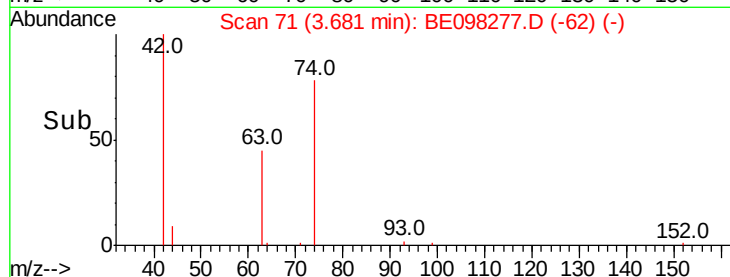
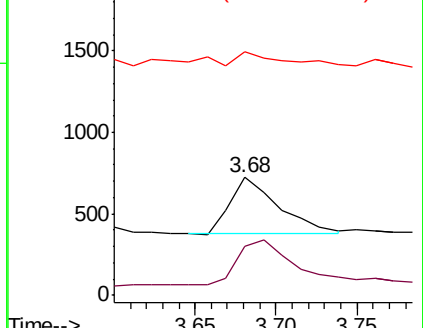
44 25.9 0.0 0.0#



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: 0.295 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

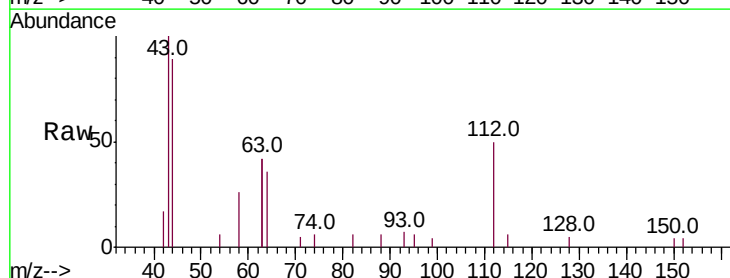
Tgt Ion: 112 Resp: 1321

Ion Ratio Lower Upper

112 100

64 79.0 59.8 89.8

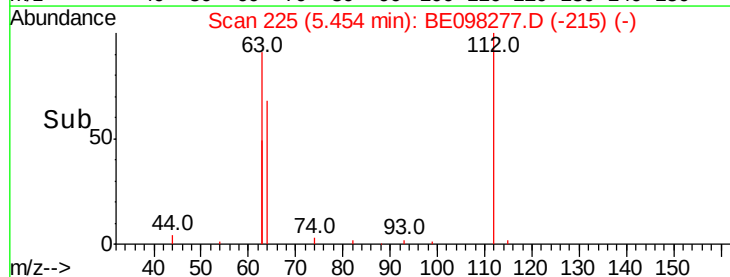
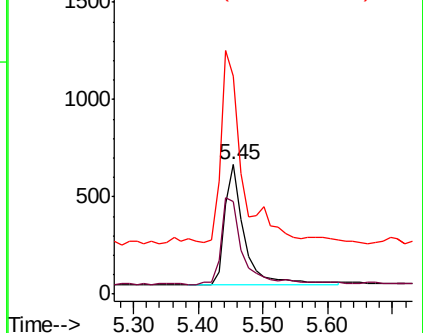
63 170.3 133.7 200.5

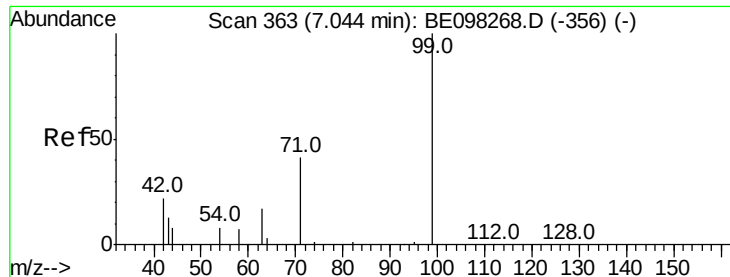


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.200 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

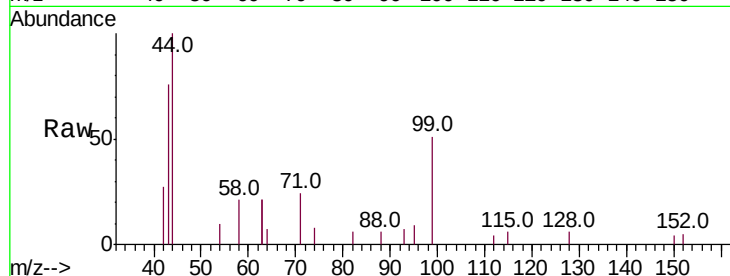
Tot Ion: 99 Resp: 1261

Ion Ratio Lower Upper

99 100

42 36.2 26.3 39.5

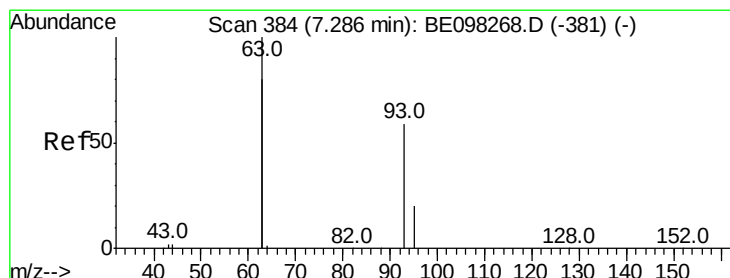
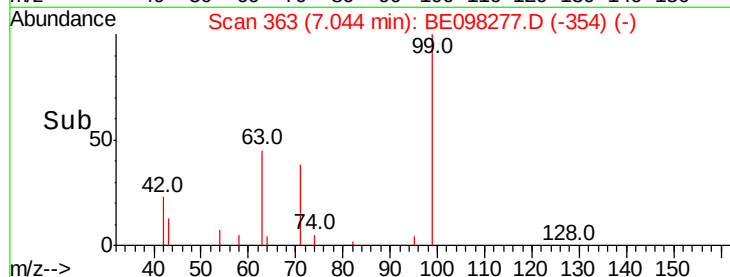
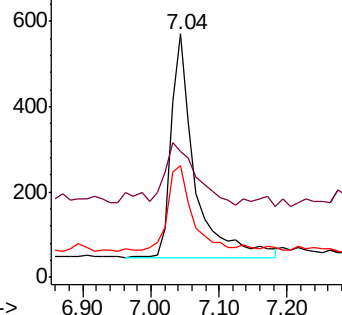
71 39.1 33.6 50.4



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: 0.374 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

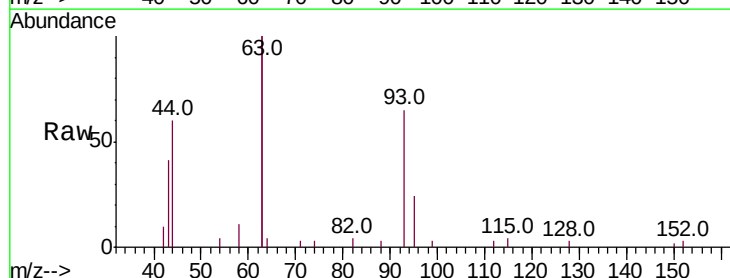
Tgt Ion: 93 Resp: 2174

Ion Ratio Lower Upper

93 100

63 354.9 264.4 396.6

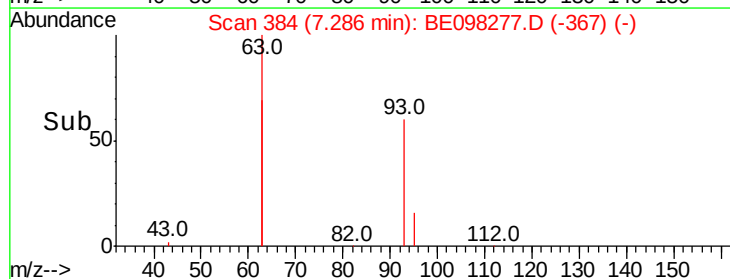
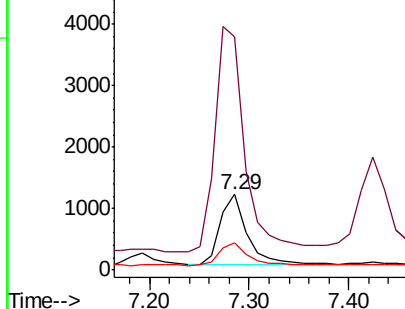
95 37.2 26.6 40.0

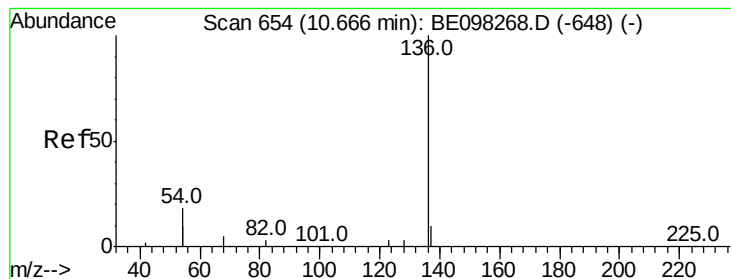


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6820

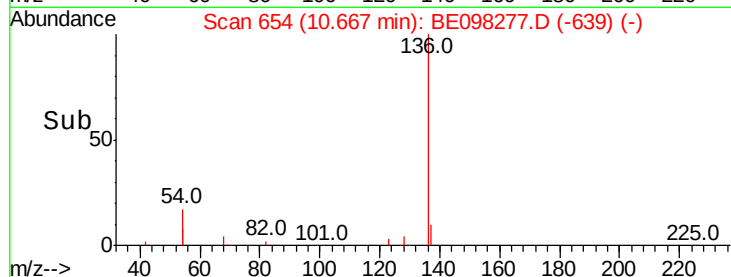
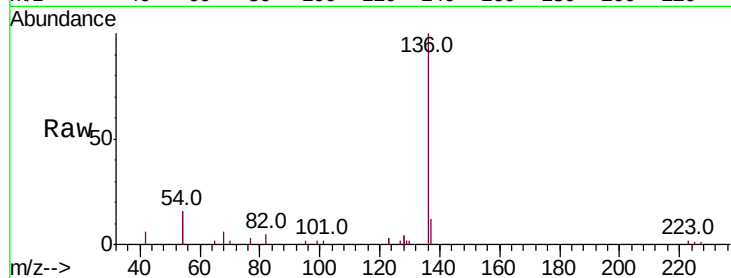
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 32.6 28.4 42.6

68 6.0 5.4 8.0

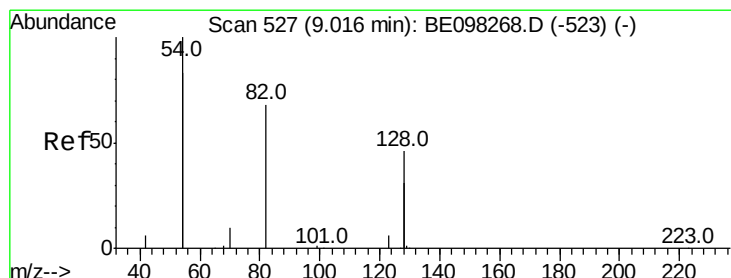
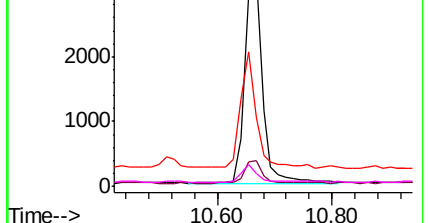


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.423 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

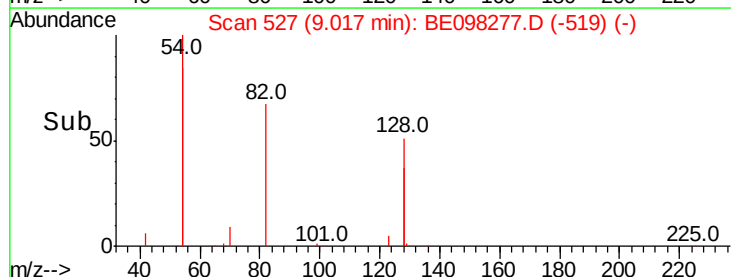
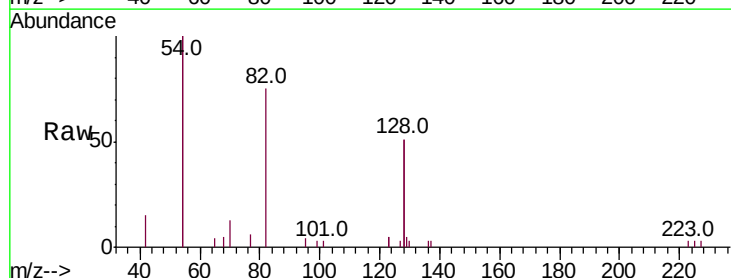
Tgt Ion: 82 Resp: 2919

Ion Ratio Lower Upper

82 100

128 135.1 102.4 153.6

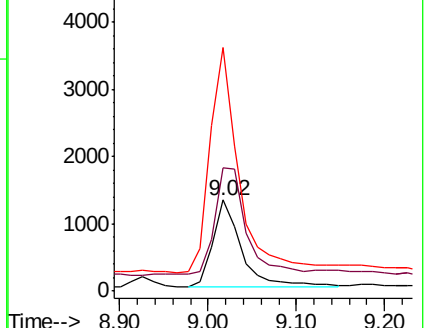
54 267.1 221.8 332.8

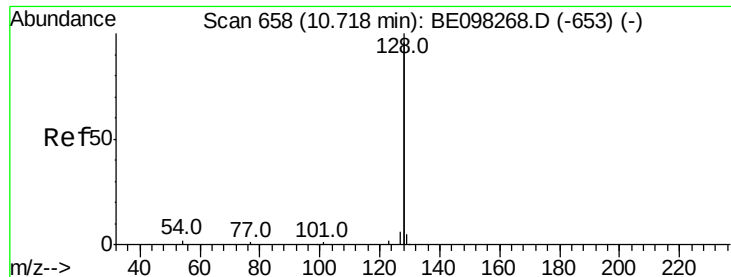


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.468 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

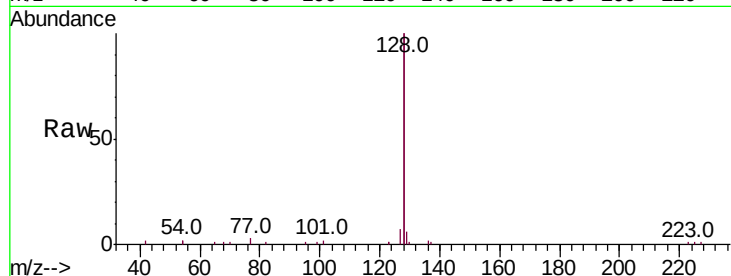
Tot Ion:128 Resp: 32041

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

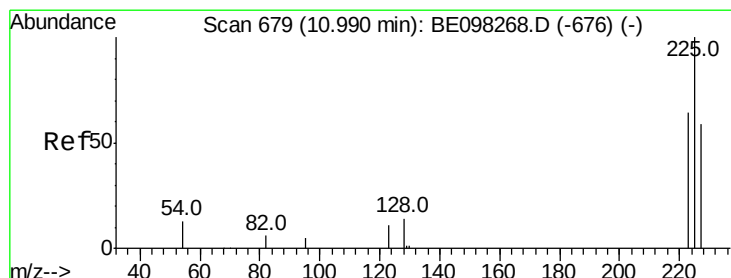
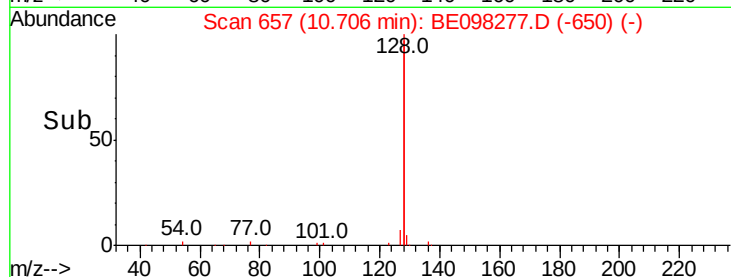
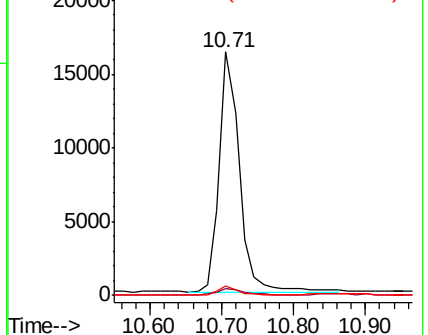
127 3.7 2.7 4.1



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: 0.349 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

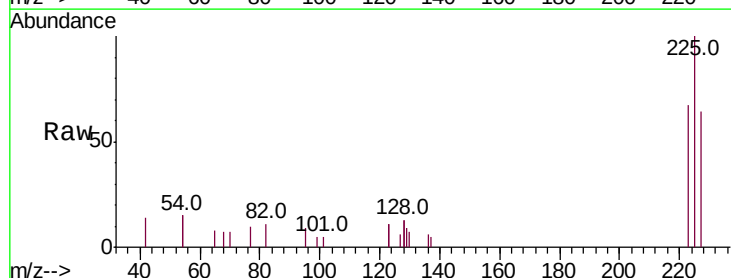
Tgt Ion:225 Resp: 1533

Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.0

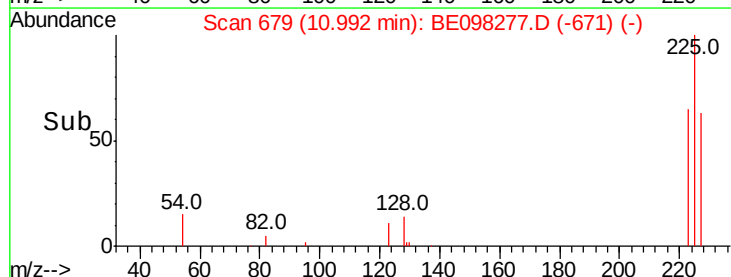
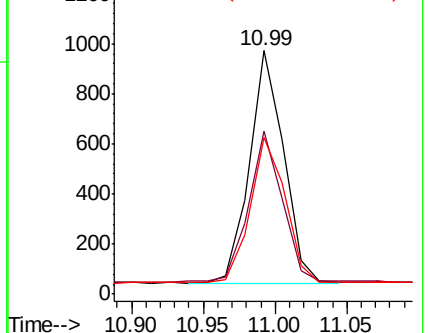
227 64.1 52.0 78.0

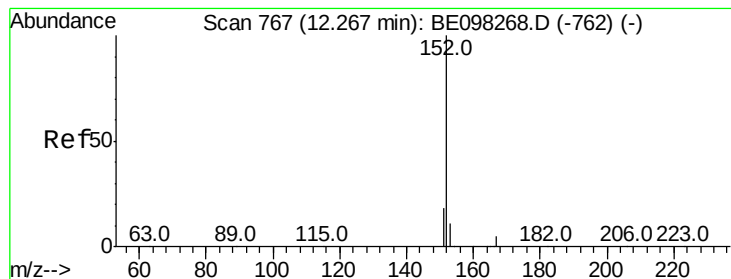


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.649 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

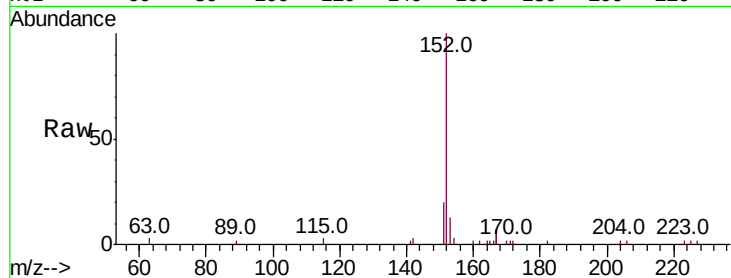
ClientSampleId :

Tot Ion:152 Resp: 7185

Ion Ratio Lower Upper

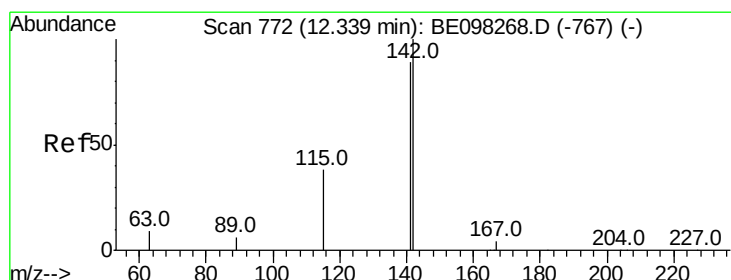
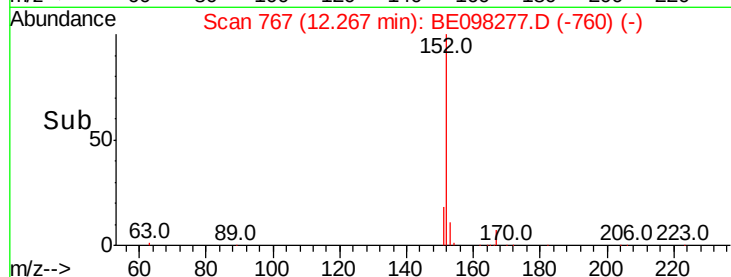
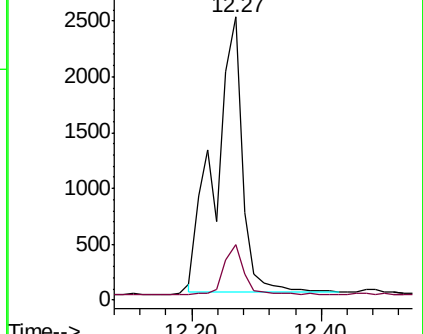
152 100

151 12.7 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.475 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

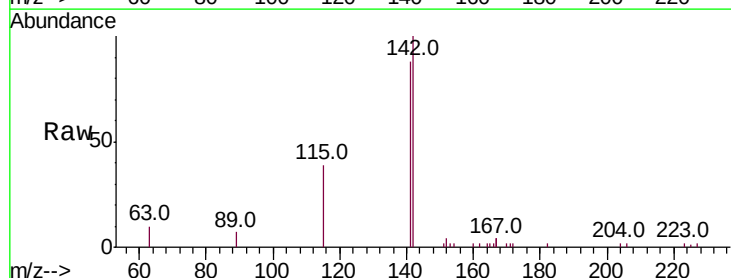
Tgt Ion:142 Resp: 5408

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

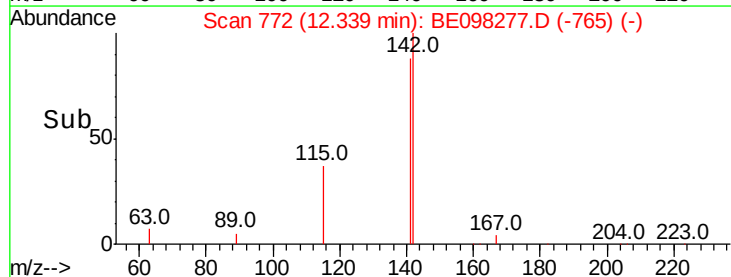
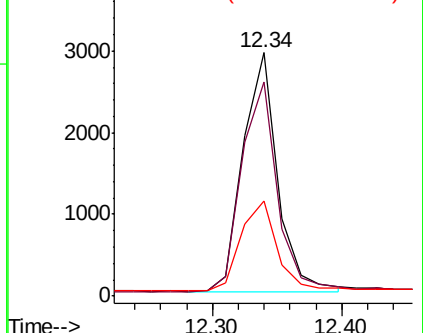
115 39.0 32.2 48.2

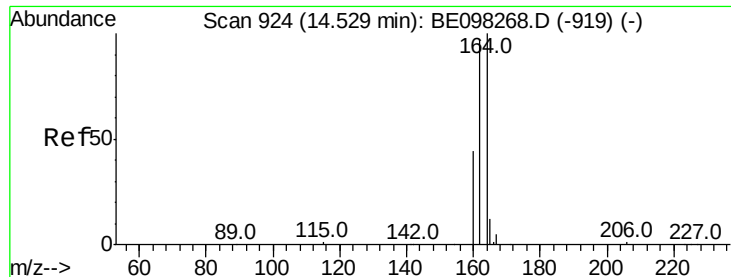


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

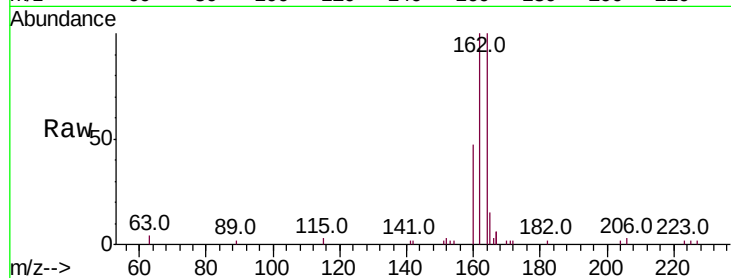




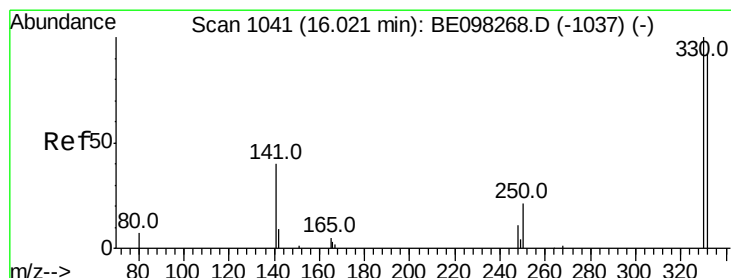
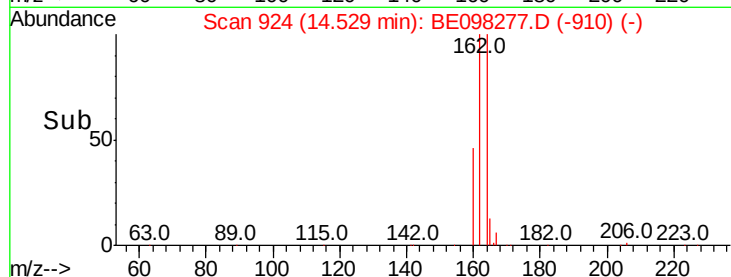
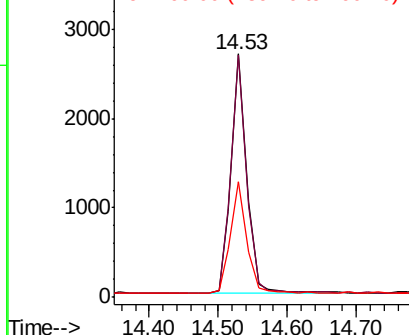
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4196
Ion Ratio Lower Upper
164 100
162 99.6 77.6 116.4
160 47.3 36.0 54.0

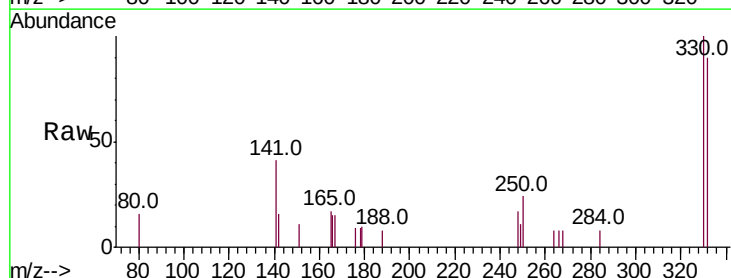


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

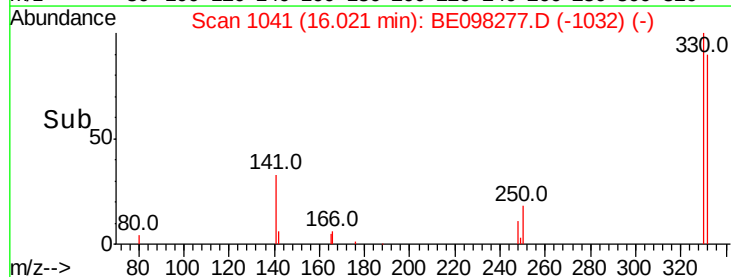
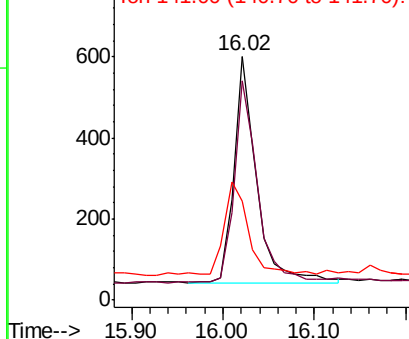


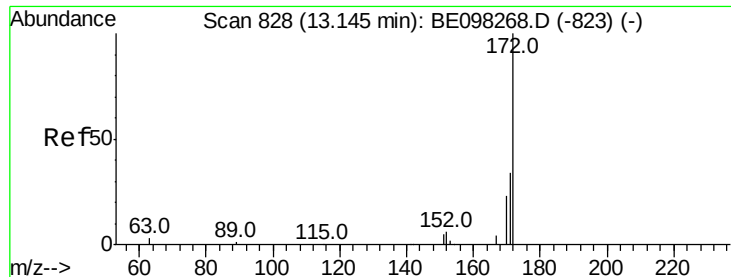
#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:330 Resp: 968
Ion Ratio Lower Upper
330 100
332 90.6 76.2 114.4
141 42.3 39.0 58.4



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

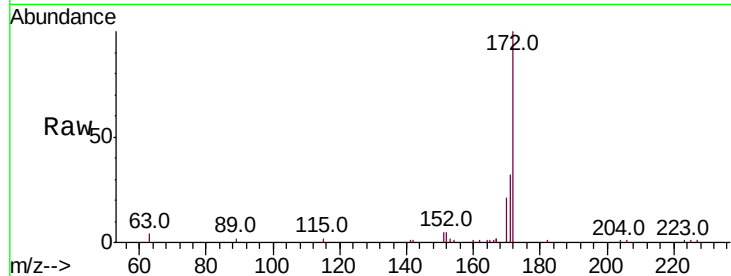




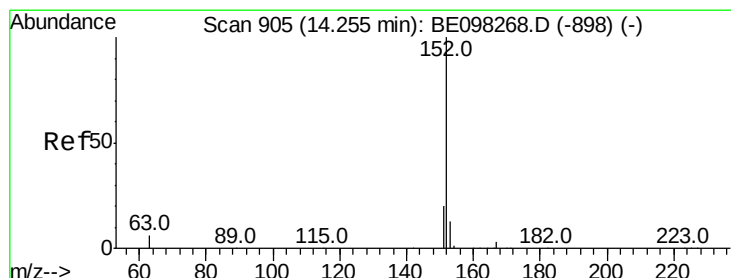
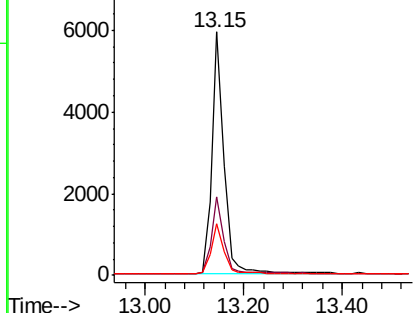
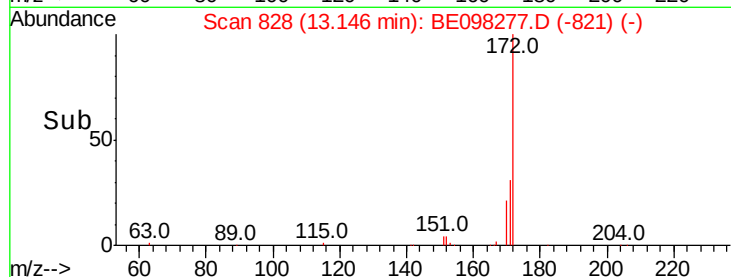
#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9874
Ion Ratio Lower Upper
172 100
171 32.0 27.5 41.3
170 21.4 19.6 29.4

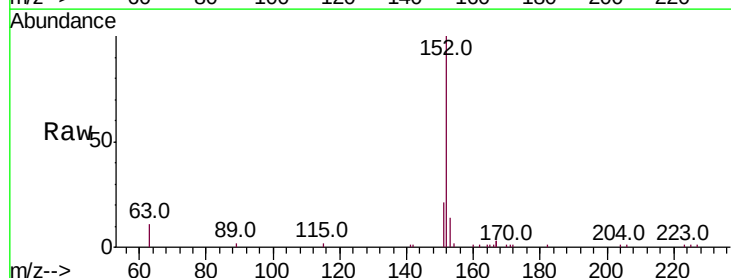


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

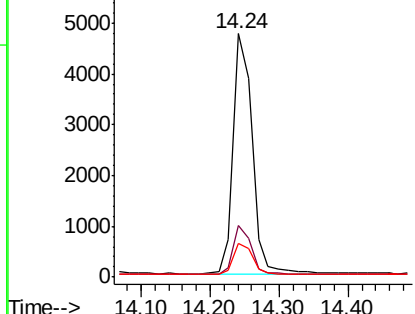
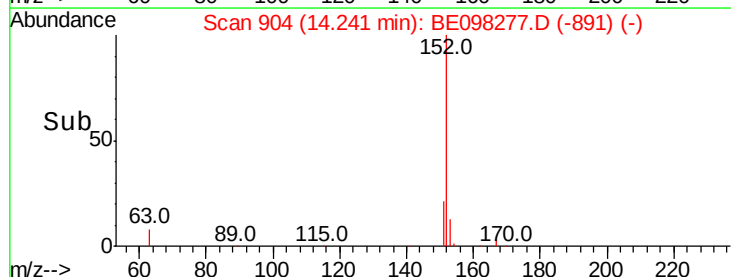


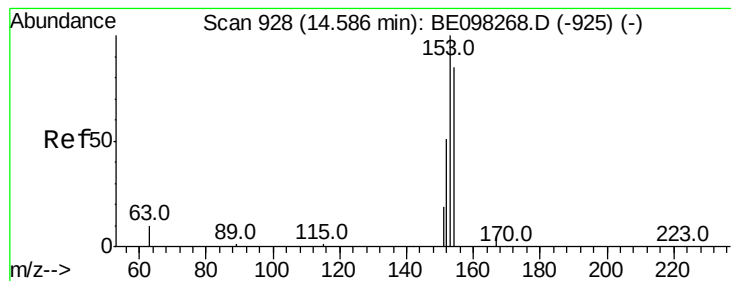
#16
Acenaphthylene
Concen: 0.462 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.01 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:152 Resp: 9048
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.9 10.6 16.0



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: 0.441 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

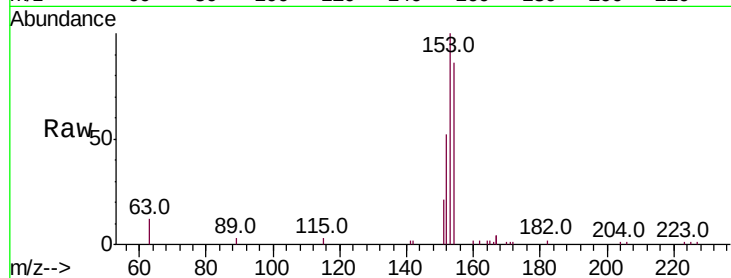
Tot Ion:154 Resp: 5150

Ion Ratio Lower Upper

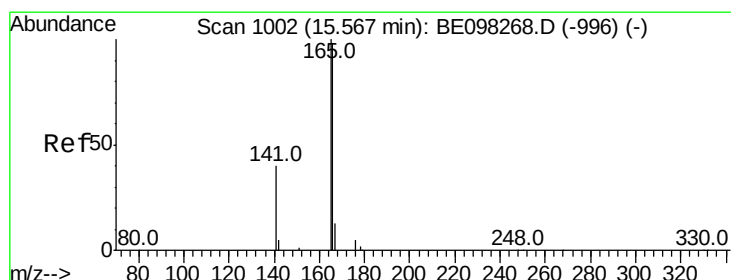
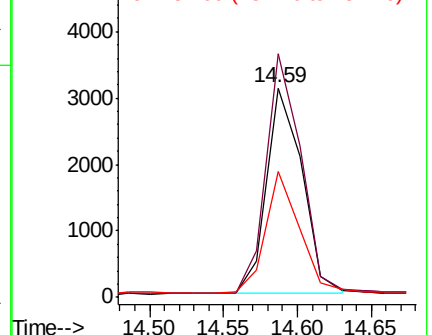
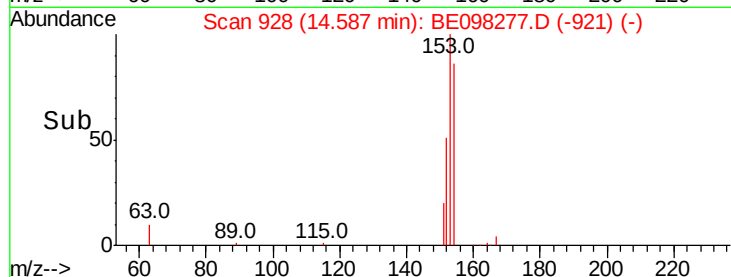
154 100

153 113.7 91.8 137.6

152 56.6 45.5 68.3



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: 0.476 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

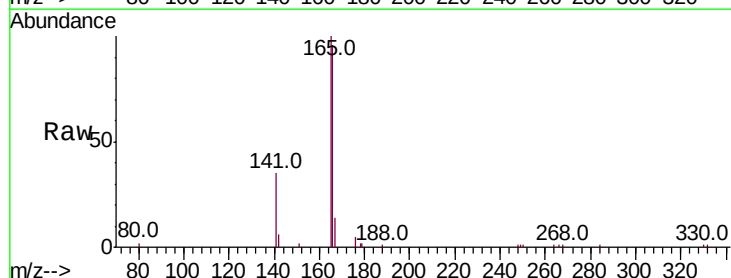
Tgt Ion:166 Resp: 7365

Ion Ratio Lower Upper

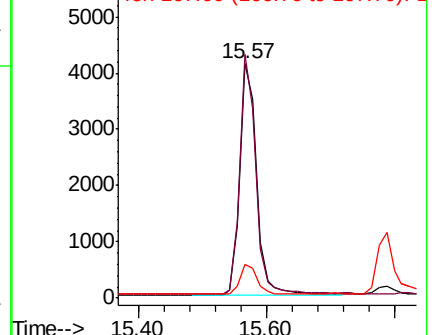
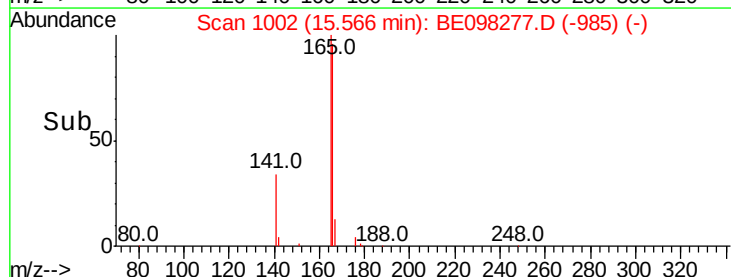
166 100

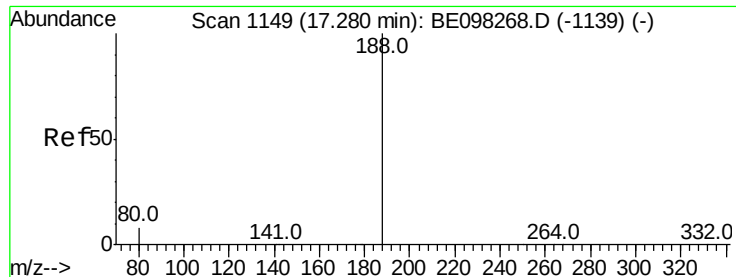
165 99.0 79.3 118.9

167 13.0 11.3 16.9



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: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

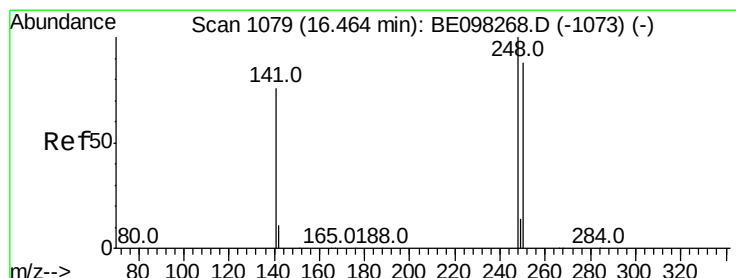
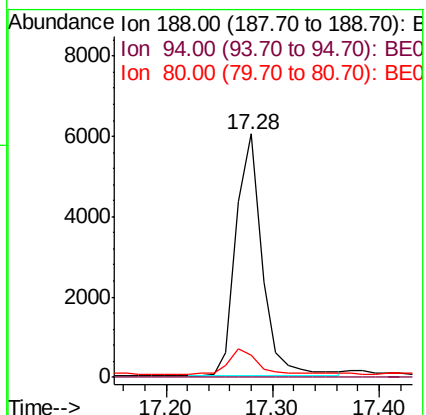
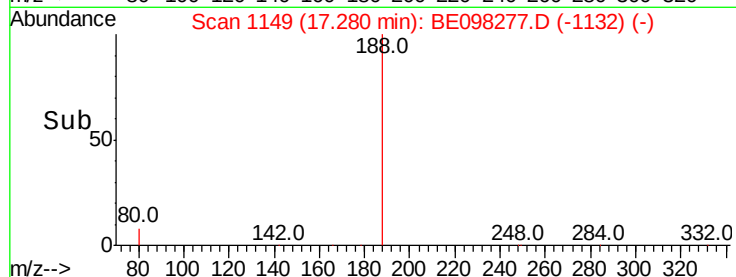
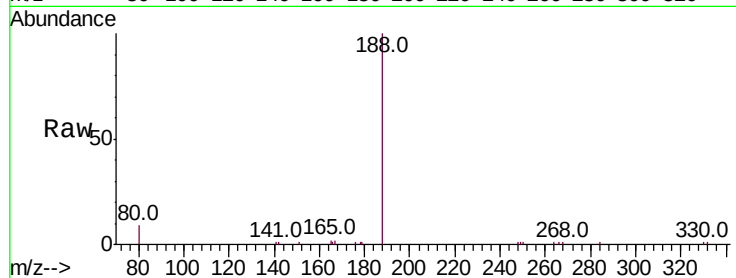
Tot Ion:188 Resp: 10082

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.445 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

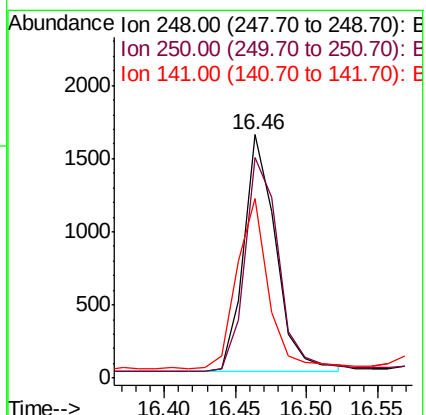
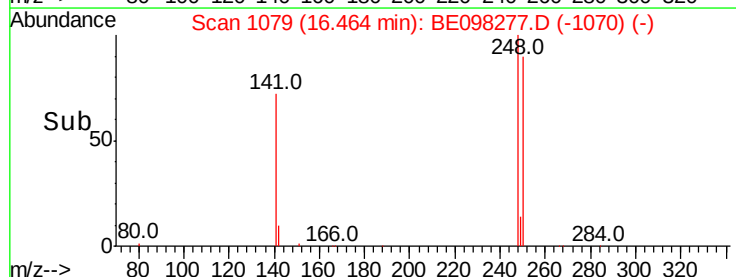
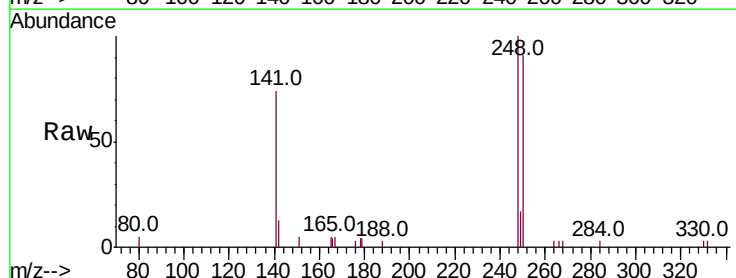
Tgt Ion:248 Resp: 2540

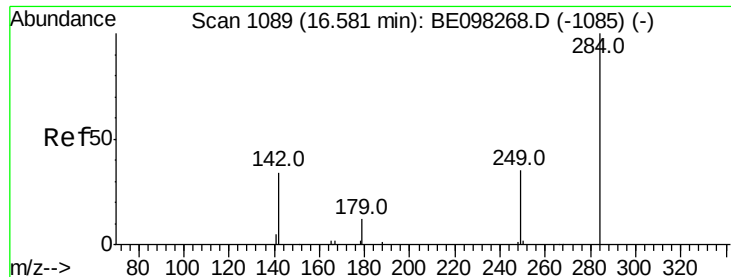
Ion Ratio Lower Upper

248 100

250 90.5 71.0 106.6

141 73.9 62.1 93.1

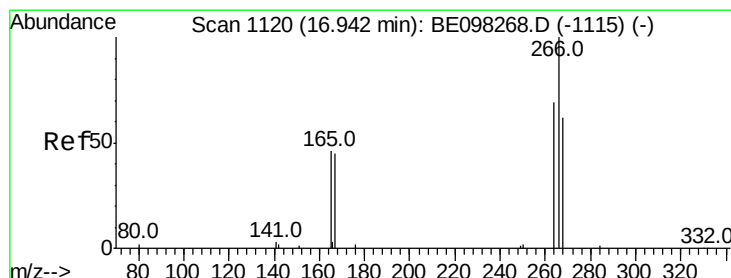
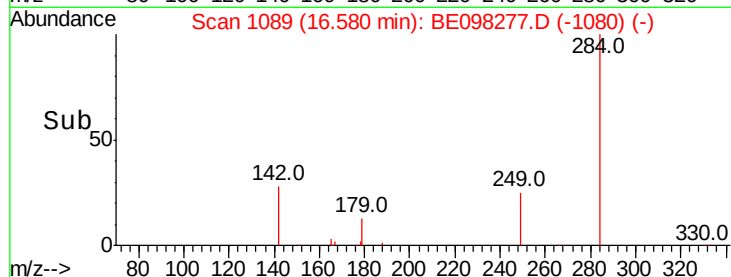
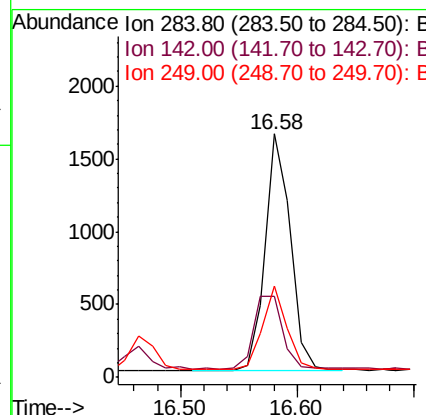
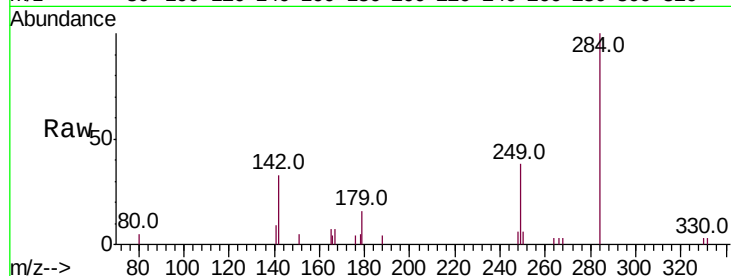




#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

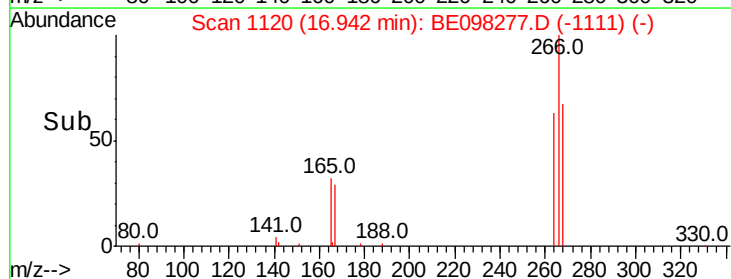
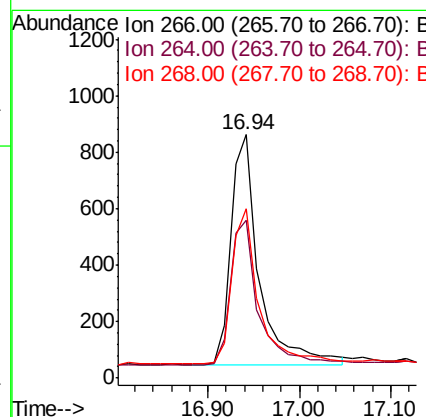
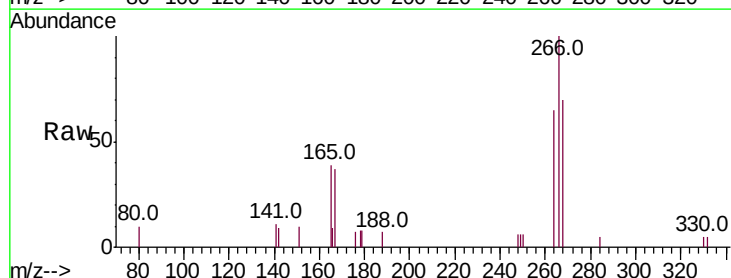
Instrument :
BNA_E
ClientSampleId :

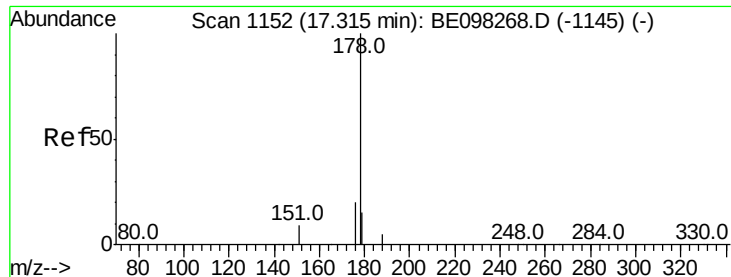
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.3	39.5
249	33.3	26.0	39.0



#22
Pentachlorophenol
Concen: 0.829 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	59.0	88.4
268	69.7	55.1	82.7

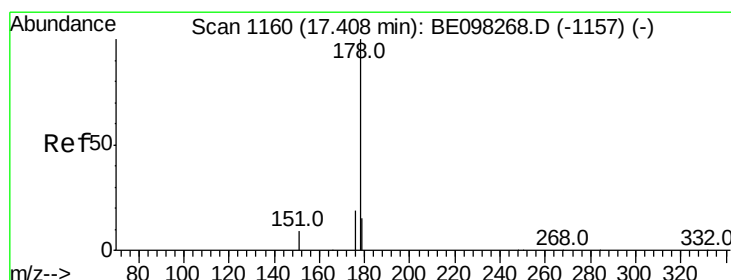
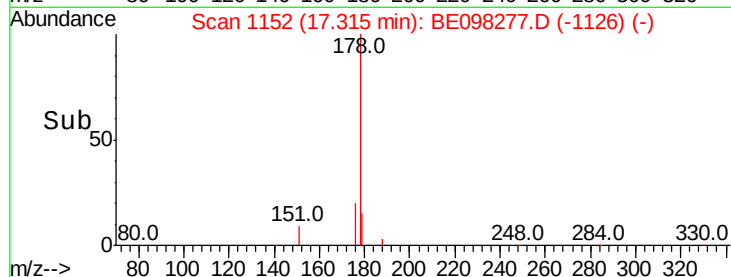
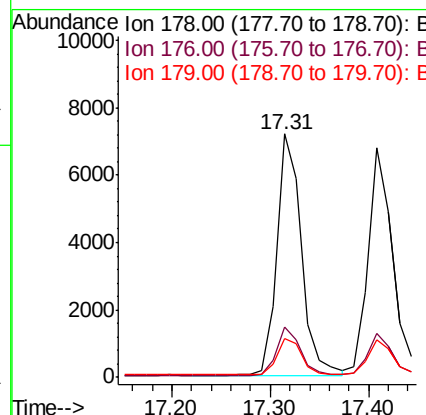
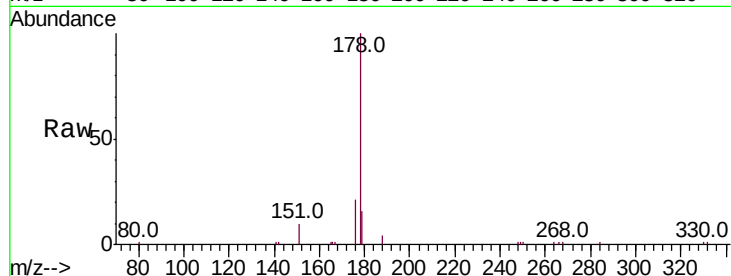




#23
Phenanthrene
Concen: 0.490 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

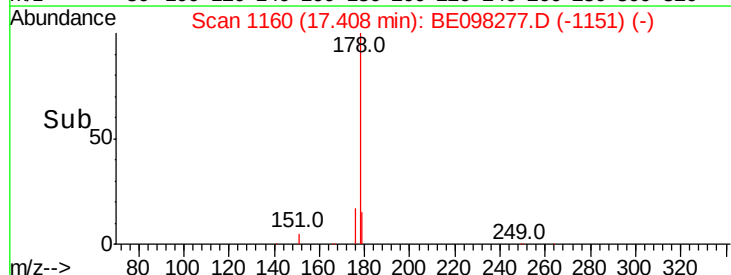
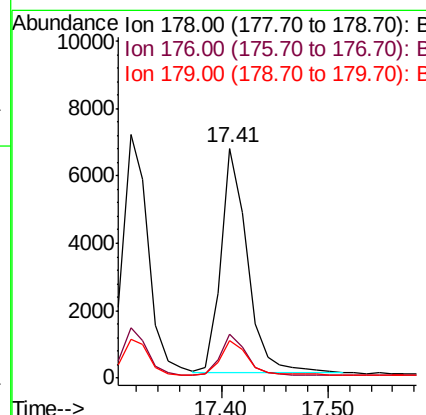
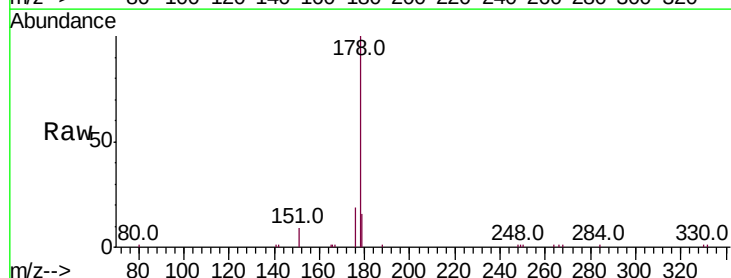
Instrument :
BNA_E
ClientSampled :

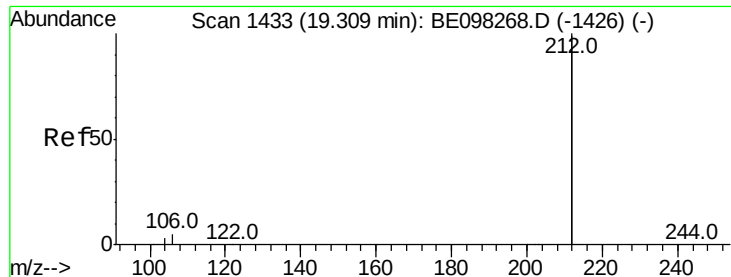
Tot Ion:178 Resp: 12265
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.6 12.3 18.5



#24
Anthracene
Concen: 0.492 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:178 Resp: 11475
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.5 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.448 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

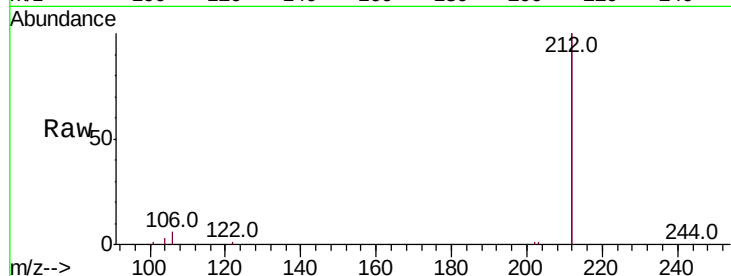
Tot Ion:212 Resp: 60894

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

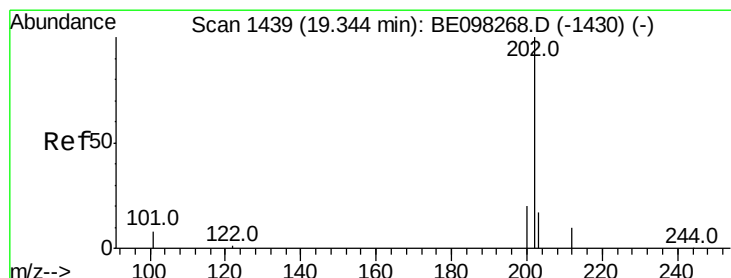
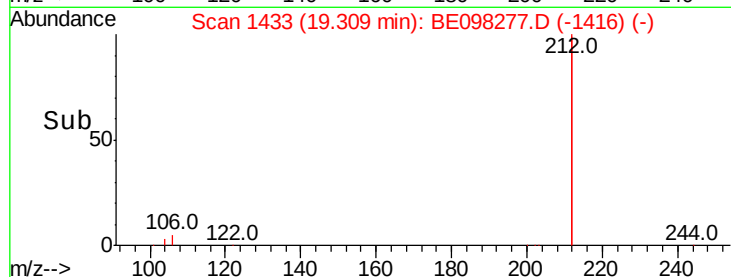
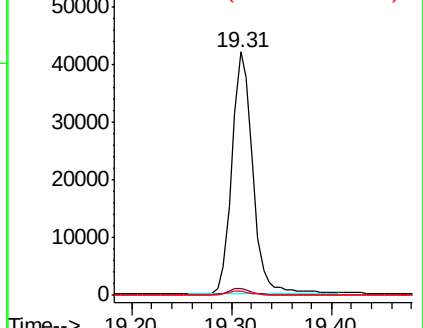
104 1.6 1.3 1.9



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: 0.459 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

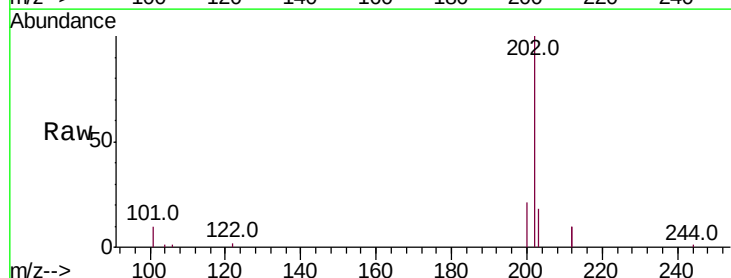
Tgt Ion:202 Resp: 15692

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

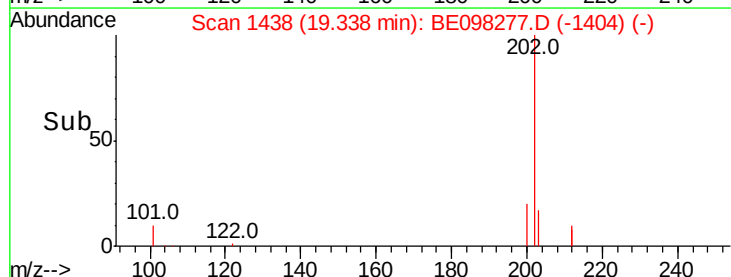
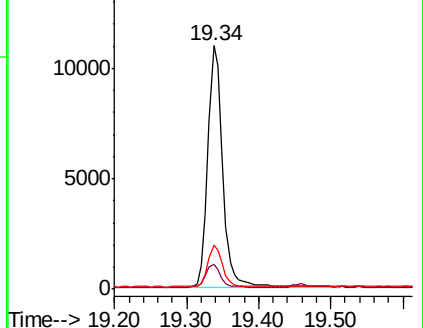
203 16.8 13.8 20.6

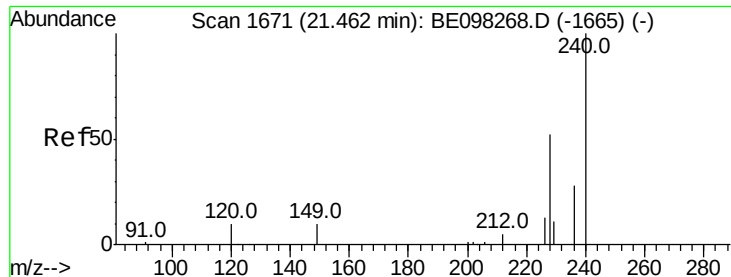


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

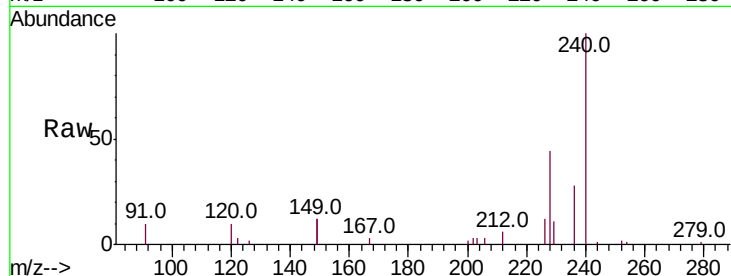
Tot Ion:240 Resp: 11019

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

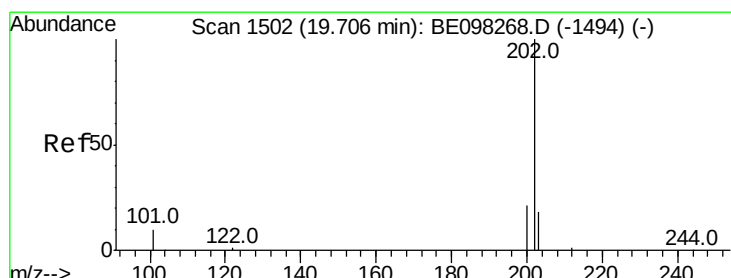
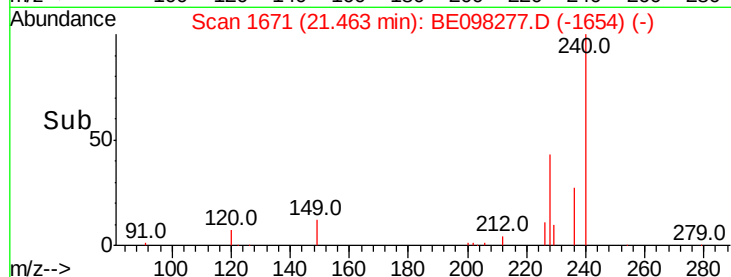
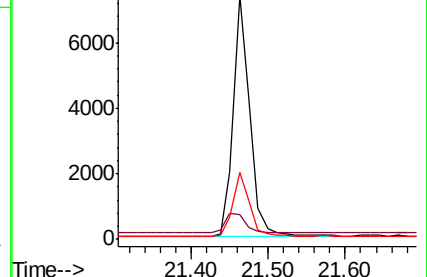
236 27.6 22.7 34.1



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: 0.517 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

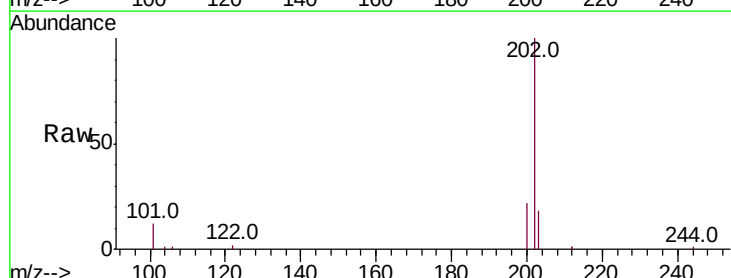
Tgt Ion:202 Resp: 15781

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

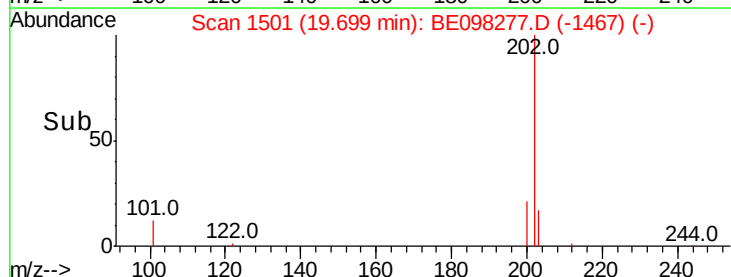
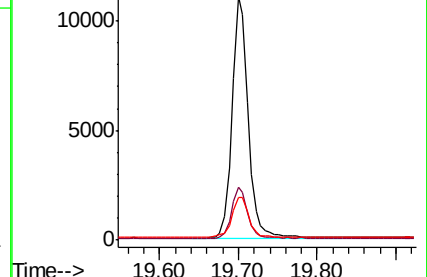
203 18.2 14.1 21.1

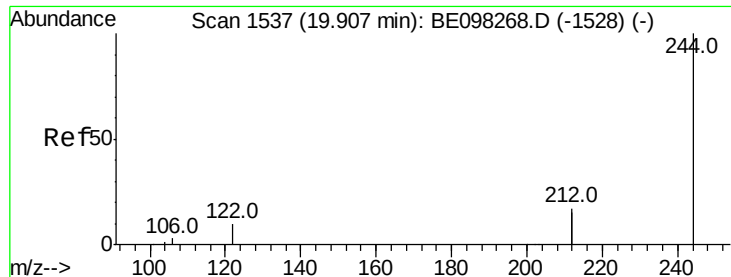


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

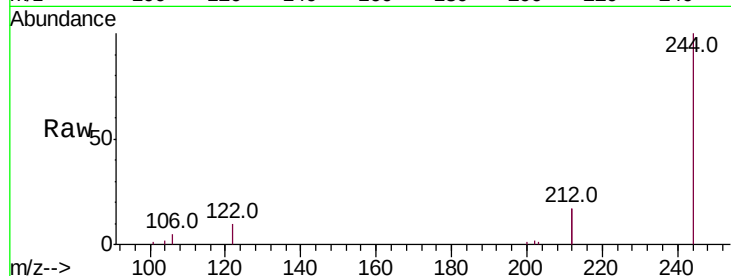
Tot Ion:244 Resp: 12950

Ion Ratio Lower Upper

244 100

212 34.4 27.4 41.0

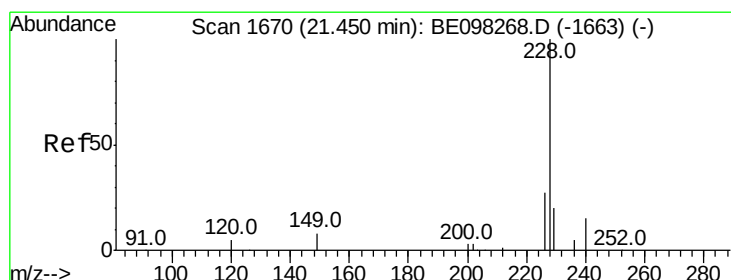
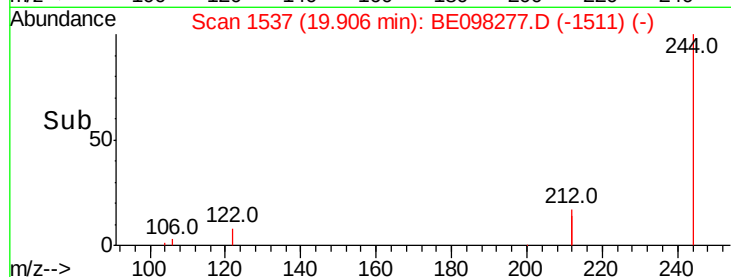
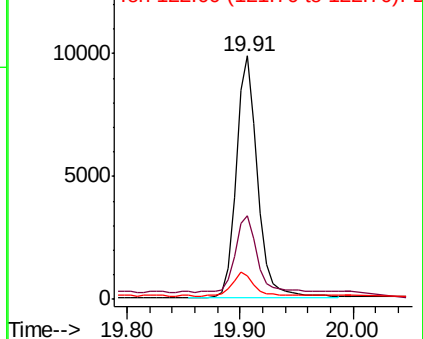
122 9.8 8.3 12.5



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: 0.476 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

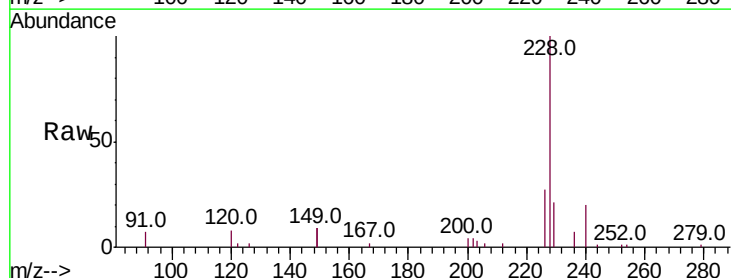
Tgt Ion:228 Resp: 15439

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

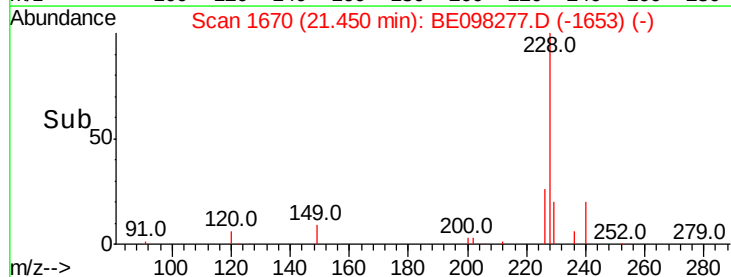
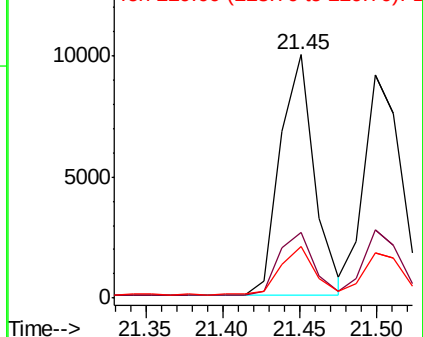
229 21.1 16.3 24.5

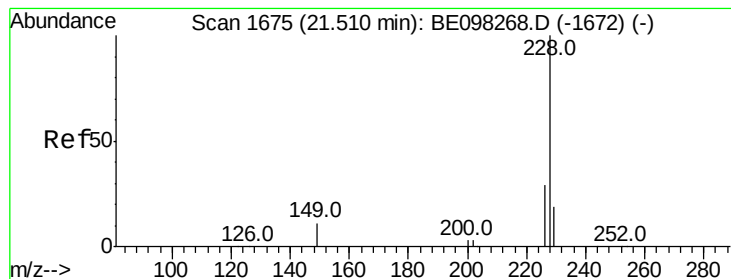


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.467 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

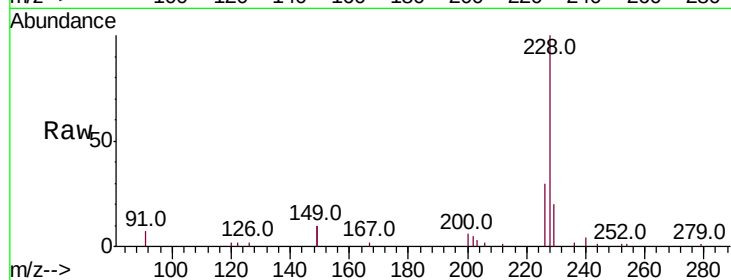
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 15400

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.0	16.2	24.4

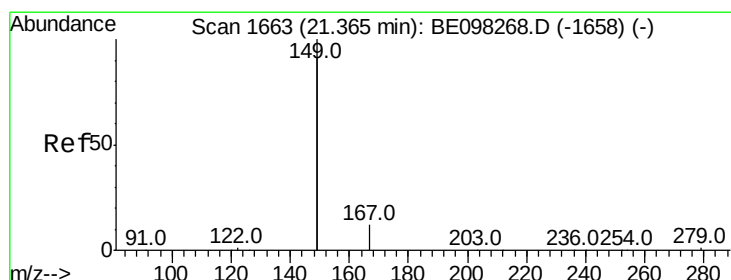
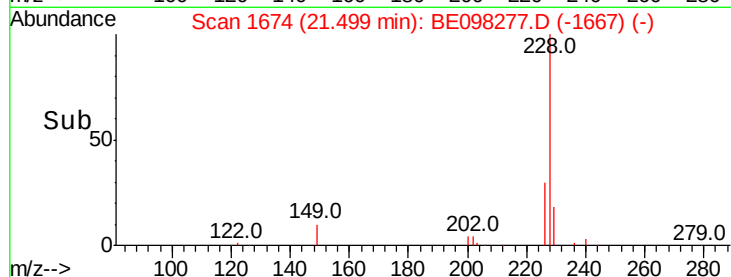
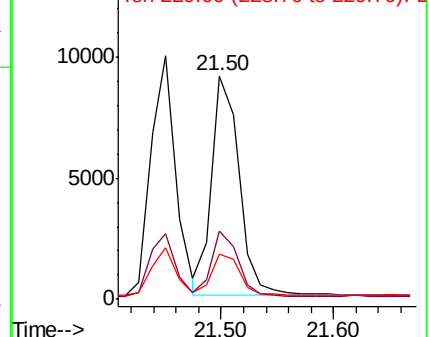


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.503 ng

RT: 21.37 min Scan# 1663

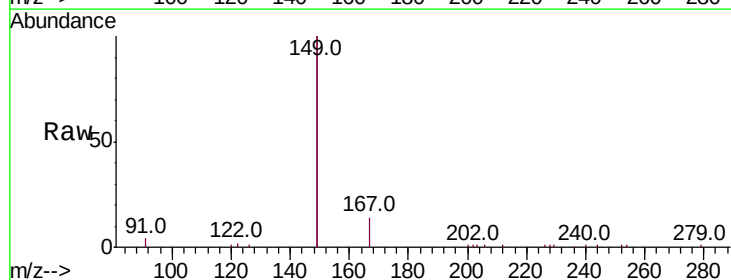
Delta R.T. 0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Tgt Ion:149 Resp: 39064

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.1	1.0	1.4

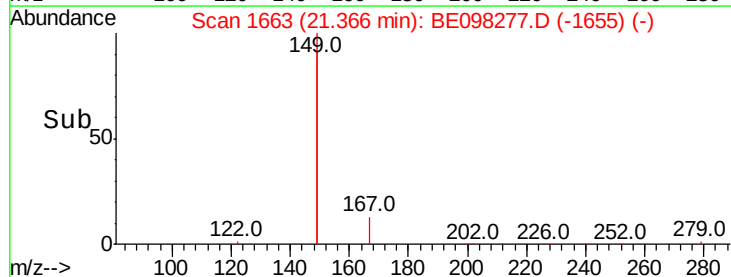
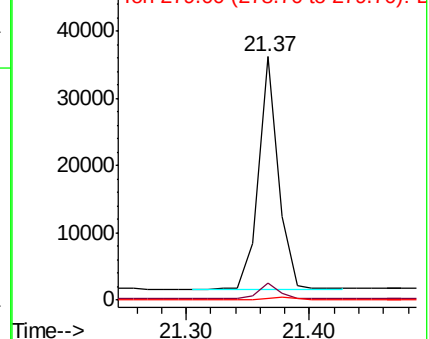


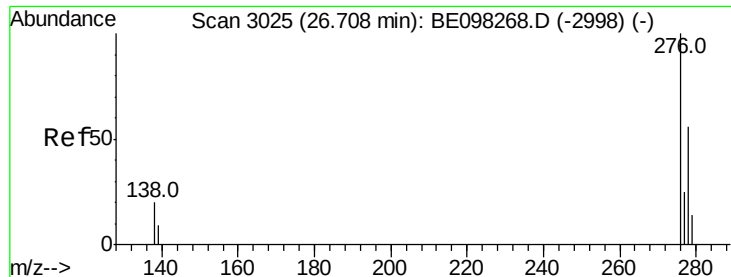
Abundance

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: 0.496 ng

RT: 26.70 min Scan# 3024

Delta R.T. -0.00 min

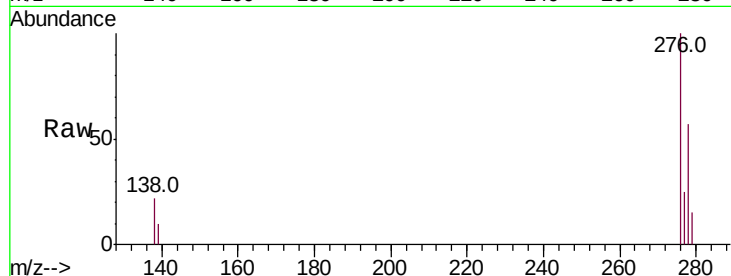
Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :



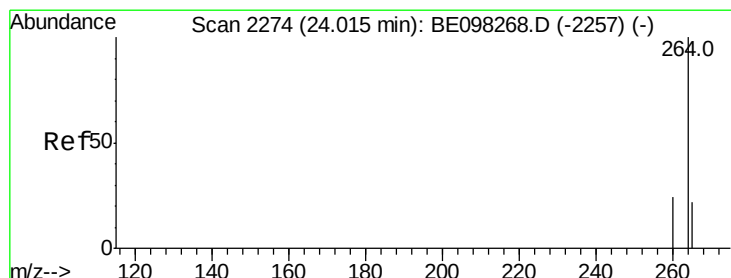
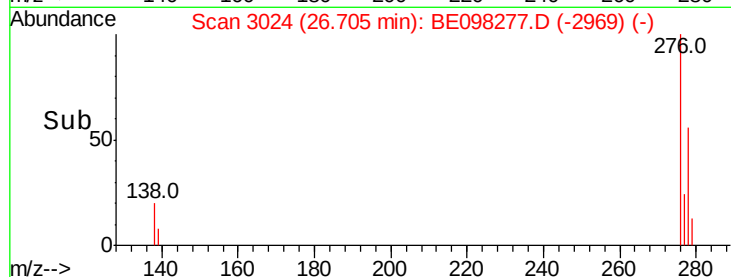
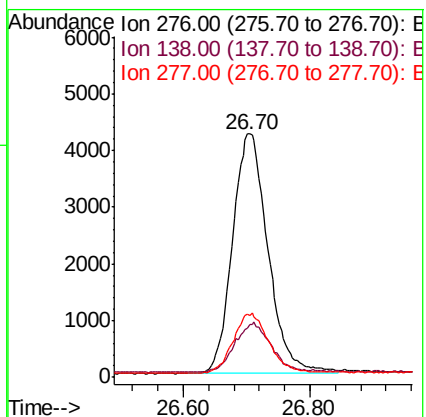
Tot Ion:276 Resp: 16515

Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

277 25.0 20.2 30.4



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

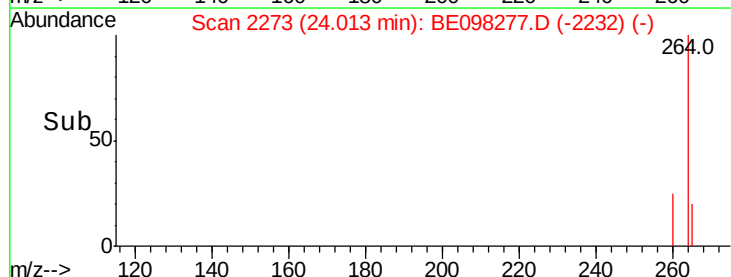
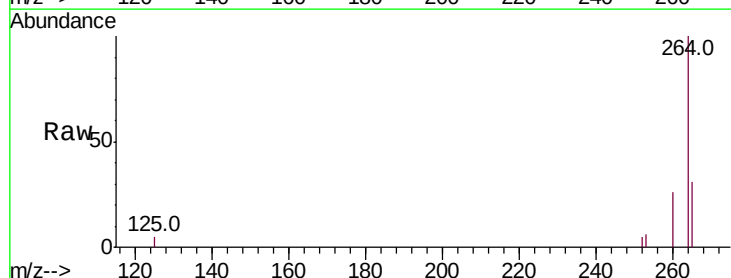
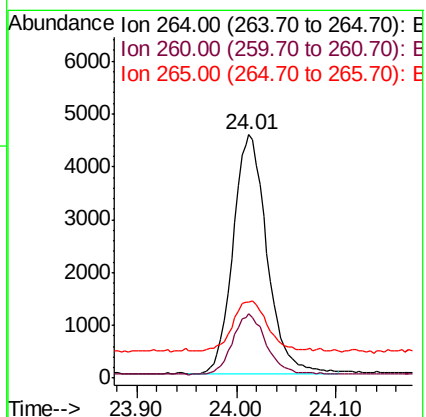
Tgt Ion:264 Resp: 10655

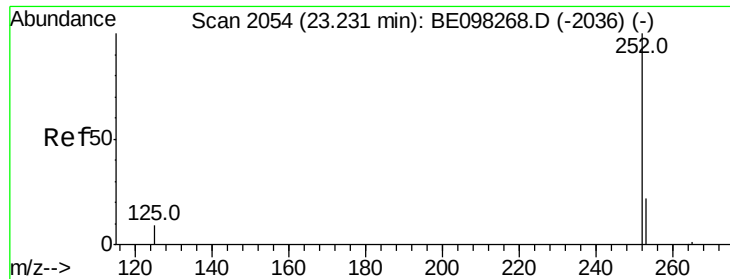
Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.2

265 30.9 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.486 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.05 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

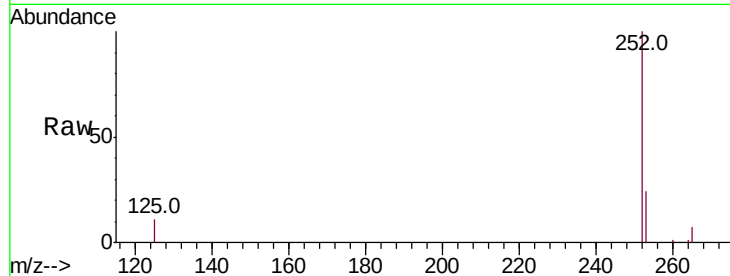
Tot Ion:252 Resp: 15186

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

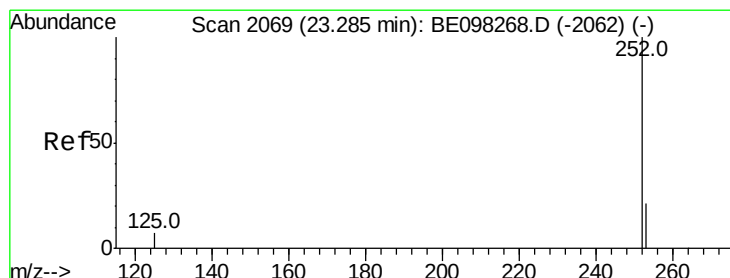
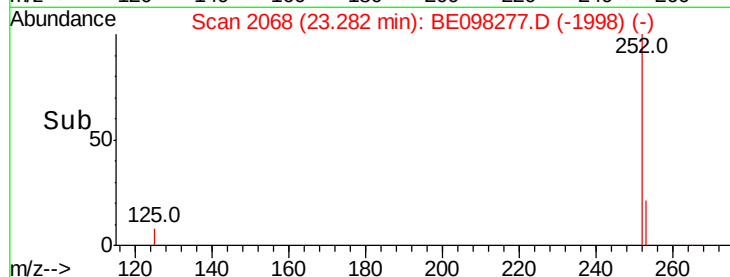
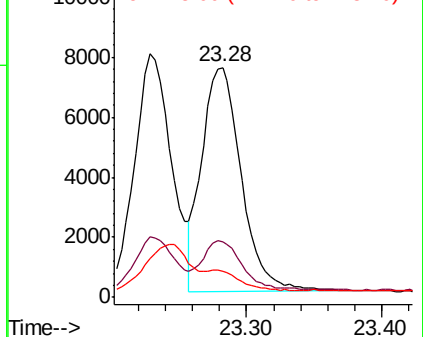
125 11.1 9.6 14.4



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: 0.463 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

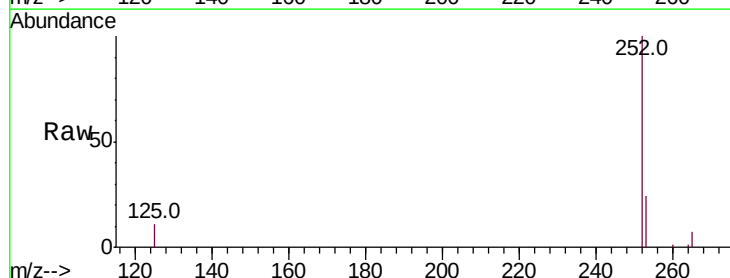
Tgt Ion:252 Resp: 15186

Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.6

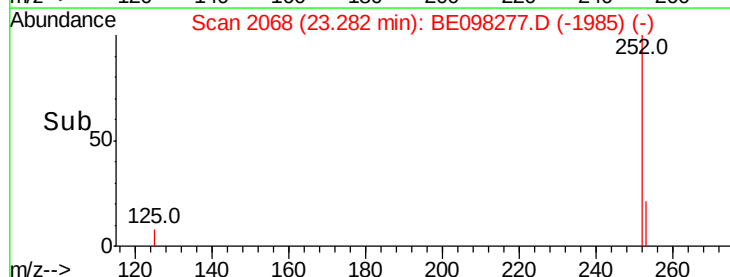
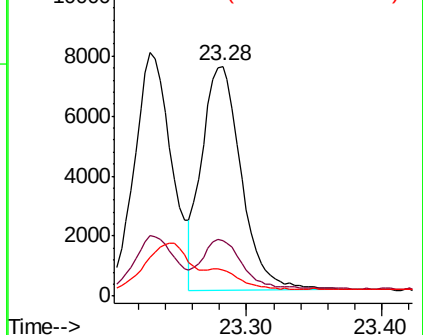
125 11.1 9.1 13.7

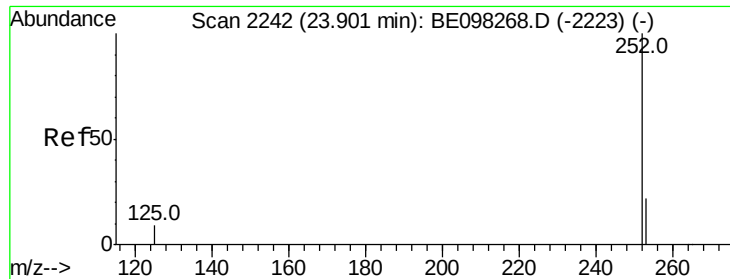


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

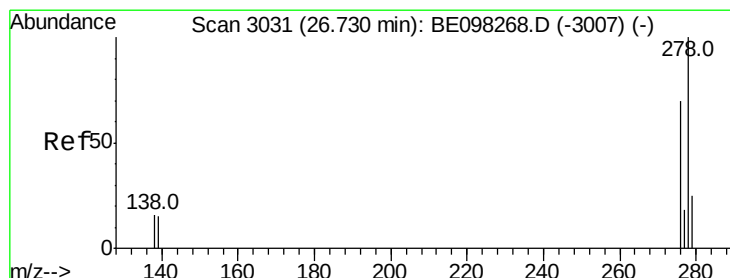
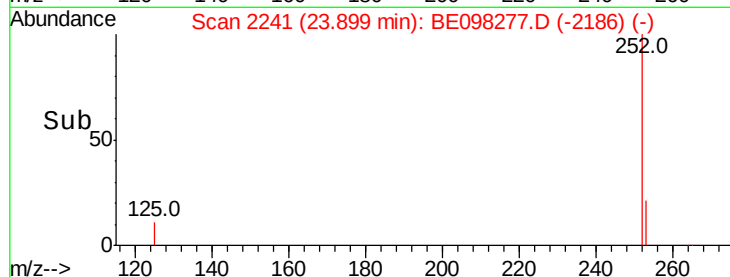
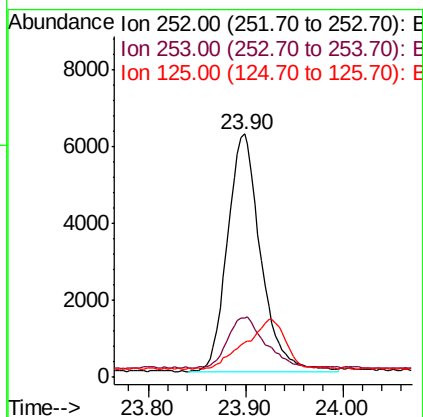
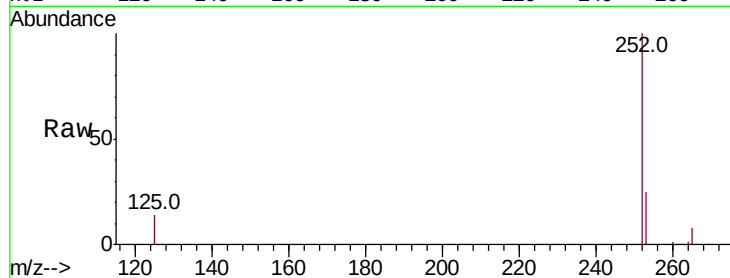




#37
Benzo(a)pyrene
Concen: 0.490 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

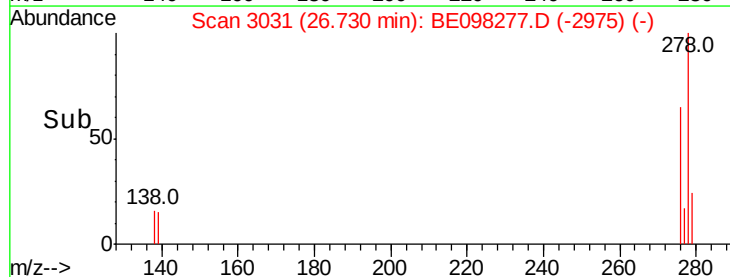
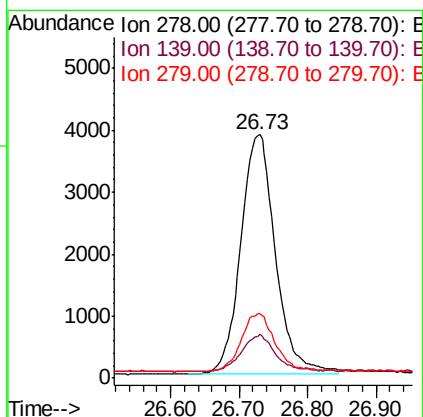
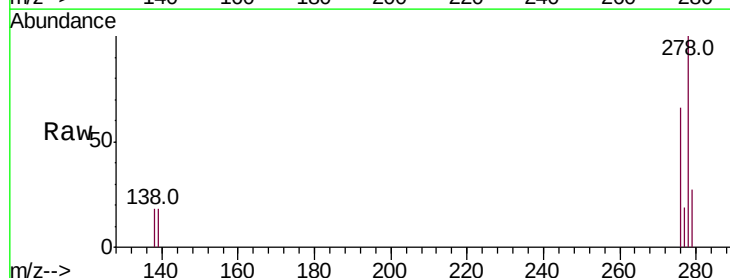
Instrument :
BNA_E
ClientSampleId :

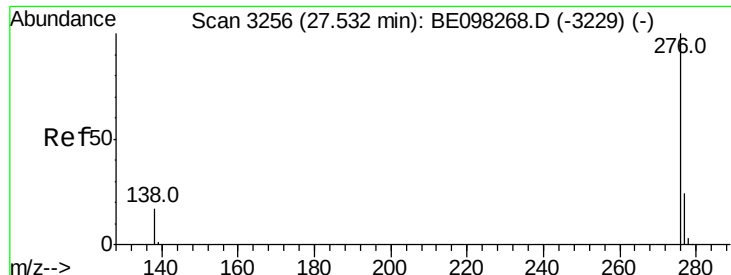
Tot Ion:252 Resp: 14757
Ion Ratio Lower Upper
252 100
253 24.6 20.6 30.8
125 14.2 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098277.D
Acq: 29 Nov 2018 17:03

Tgt Ion:278 Resp: 13693
Ion Ratio Lower Upper
278 100
139 18.0 14.5 21.7
279 26.7 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.486 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098277.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_E

ClientSampleId :

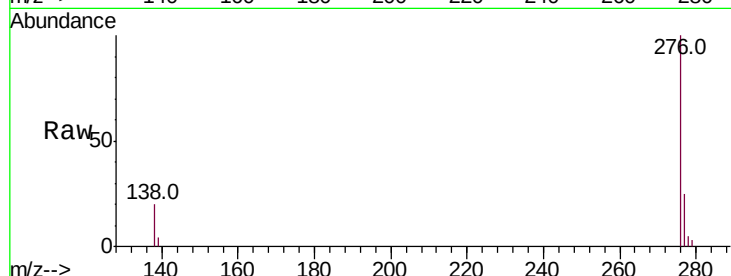
Tot Ion:276 Resp: 13900

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 19.7 15.8 23.6



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

