

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098527.D
 Acq On : 19 Dec 2018 13:25
 Operator : SJ/JU
 Sample : J6405-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 19 16:18:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	856	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3965	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2814	0.40	ng	-0.02
19) Phenanthrene-d10	17.26	188	7013	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	8278	0.40	ng	-0.01
34) Perylene-d12	23.98	264	7564	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	395	0.20	ng	0.00
5) Phenol-d6	7.05	99	350	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	1232	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3613	0.56	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	458	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	4911	0.41	ng	-0.02
25) Fluoranthene-d10	19.29	212	39720	0.44	ng	-0.02
29) Terphenyl-d14	19.89	244	8551	0.43	ng	-0.02

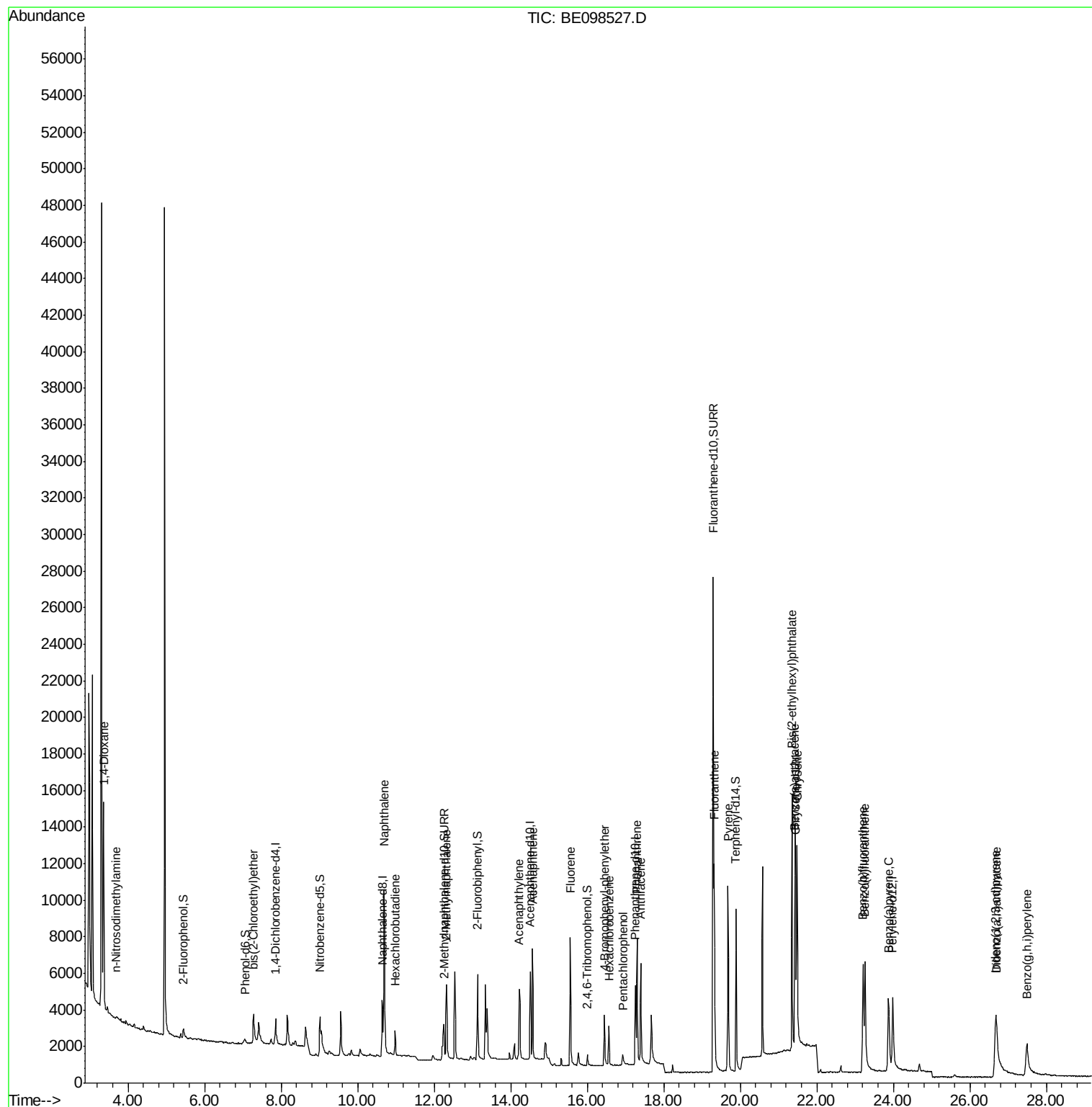
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	6513	4.400	ng	98
3) n-Nitrosodimethylamine	3.70	42	237	0.178	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	886	0.329	ng	89
9) Naphthalene	10.69	128	17772	0.445	ng	99
10) Hexachlorobutadiene	10.98	225	975	0.384	ng	98
12) 2-Methylnaphthalene	12.32	142	3278	0.506	ng	98
16) Acenaphthylene	14.23	152	5213	0.395	ng	98
17) Acenaphthene	14.57	154	3316	0.419	ng	99
18) Fluorene	15.56	166	4655	0.439	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1509	0.400	ng	# 85
21) Hexachlorobenzene	16.57	284	1734	0.427	ng	96
22) Pentachlorophenol	16.93	266	520	0.717	ng	92
23) Phenanthrene	17.30	178	7758	0.455	ng	99
24) Anthracene	17.40	178	6579	0.433	ng	100
26) Fluoranthene	19.32	202	10181	0.452	ng	98
28) Pyrene	19.68	202	10145	0.391	ng	100
30) Benzo(a)anthracene	21.43	228	10220	0.434	ng	98
31) Chrysene	21.49	228	10456	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	15975	0.334	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	7938	0.323	ng	# 68
35) Benzo(b)fluoranthene	23.21	252	9398	0.454	ng	98
36) Benzo(k)fluoranthene	23.26	252	11188	0.464	ng	# 97
37) Benzo(a)pyrene	23.87	252	9795	0.459	ng	97
38) Dibenzo(a,h)anthracene	26.70	278	5823	0.290	ng	98
39) Benzo(g,h,i)perylene	27.49	276	6477	0.320	ng	99

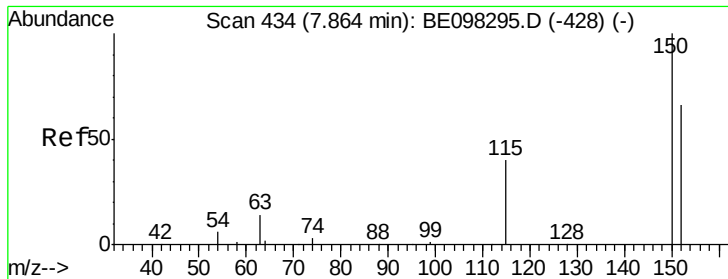
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098527.D
Acq On : 19 Dec 2018 13:25
Operator : SJ/JU
Sample : J6405-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 19 16:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



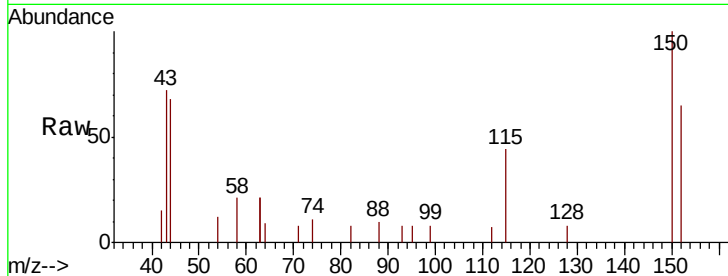


#1

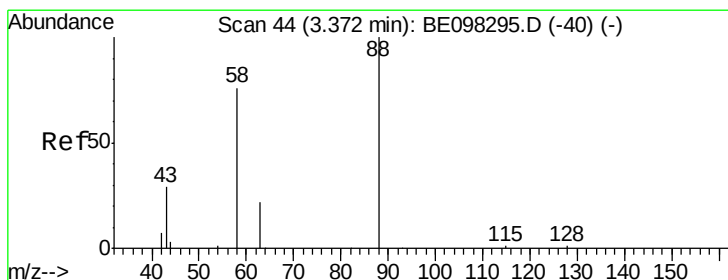
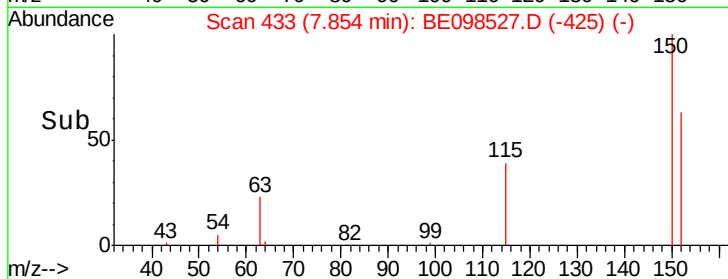
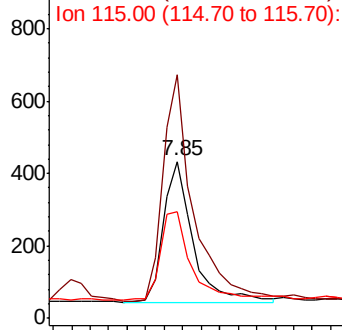
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 856
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.4
115 67.5 53.9 80.9



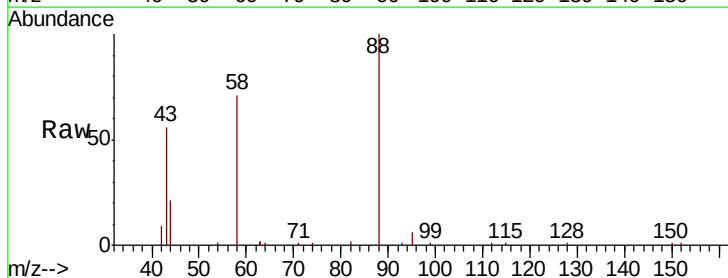
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



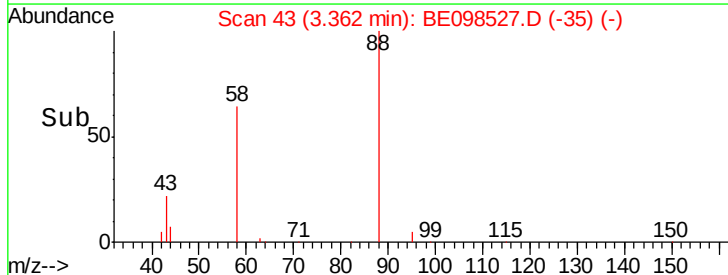
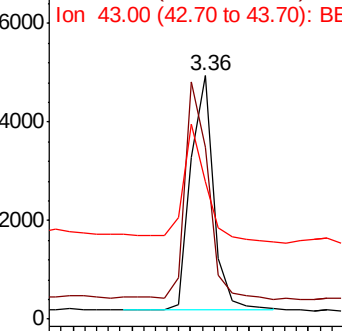
#2

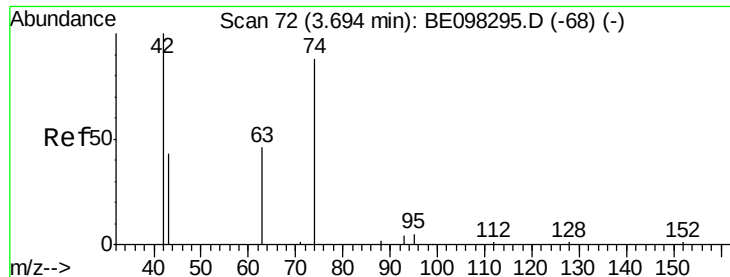
1,4-Dioxane
Concen: 4.400 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

Tgt Ion: 88 Resp: 6513
Ion Ratio Lower Upper
88 100
58 92.0 75.0 112.6
43 49.6 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



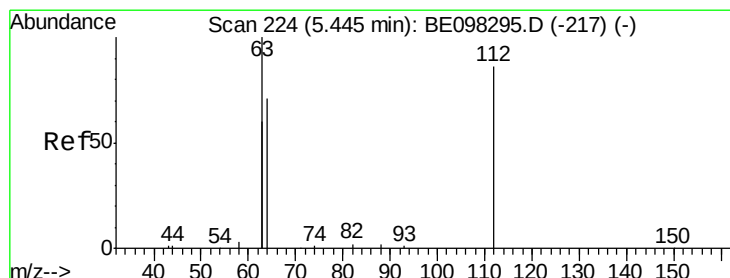
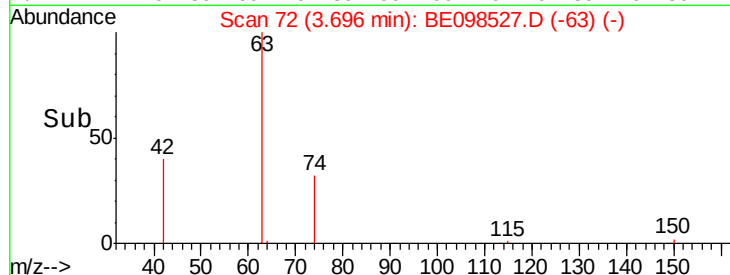
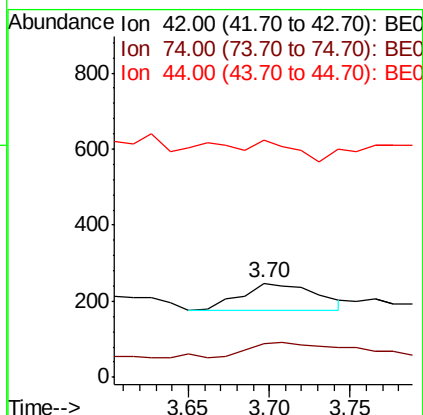
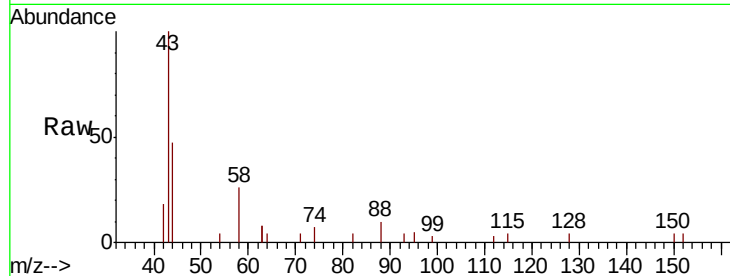


#3

n-Nitrosodimethylamine
 Concen: 0.178 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :

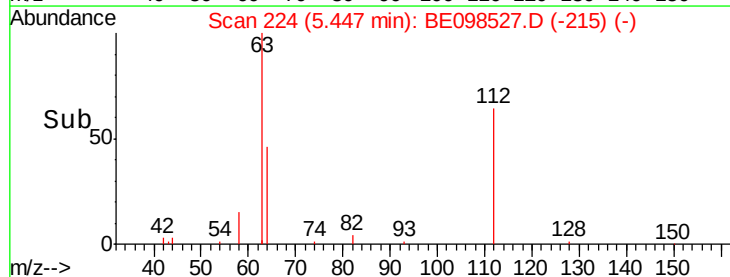
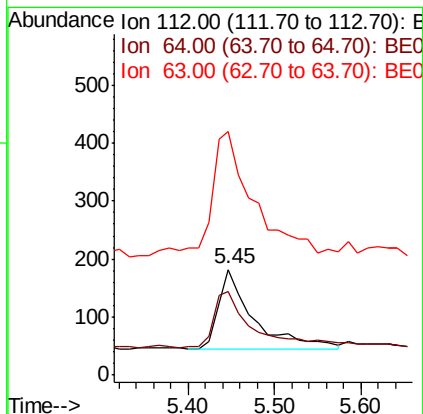
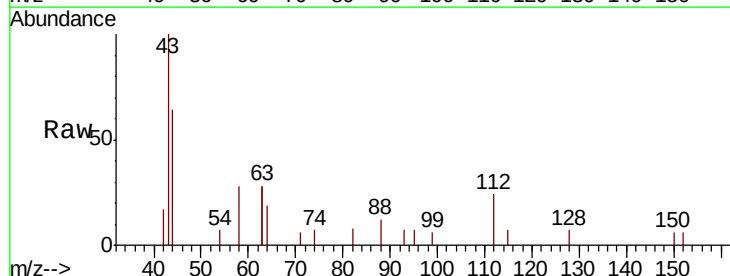
Tot Ion	Ratio	Lower	Upper
42	100		
74	59.1	0.0	0.0#
44	0.0	0.0	0.0

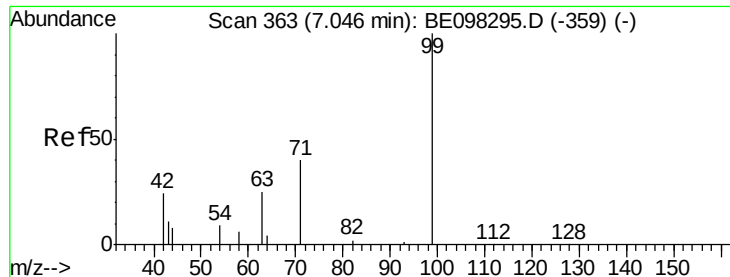


#4

2-Fluorophenol
 Concen: 0.197 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	85.1	59.8	89.8
63	164.1	133.7	200.5





#5

Phenol-d6

Concen: 0.123 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

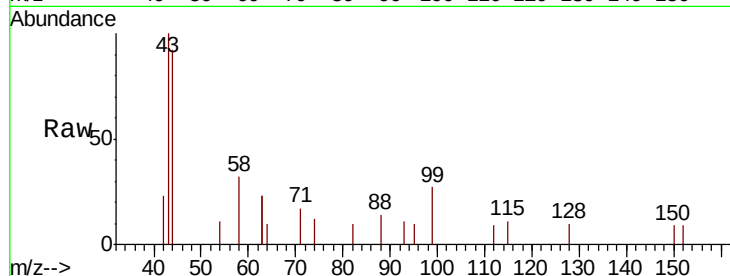
Tot Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 22.6 26.3 39.5#

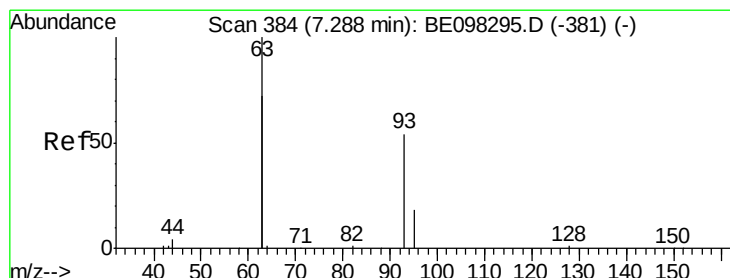
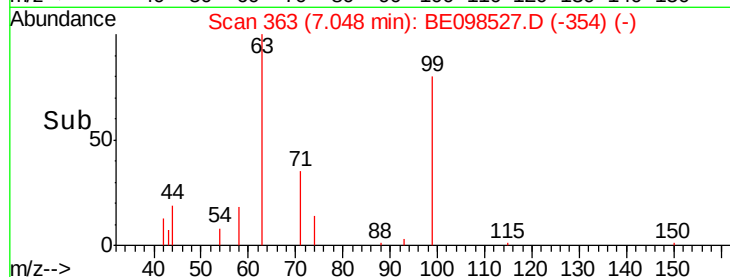
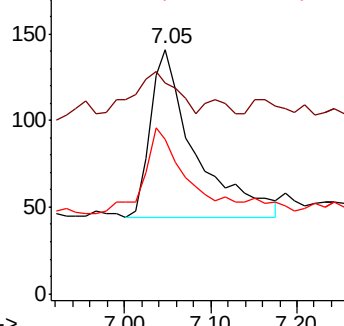
71 49.4 33.6 50.4



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: 0.329 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

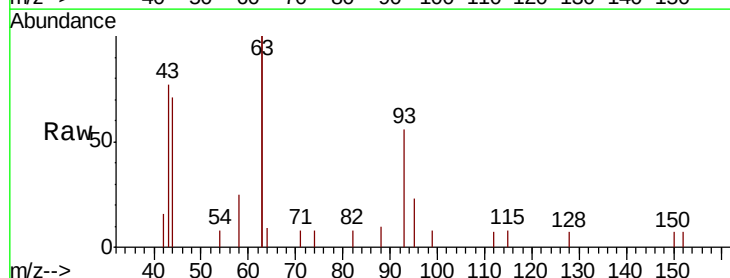
Tgt Ion: 93 Resp: 886

Ion Ratio Lower Upper

93 100

63 355.8 264.4 396.6

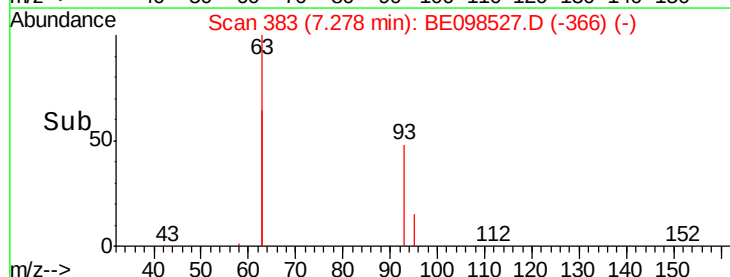
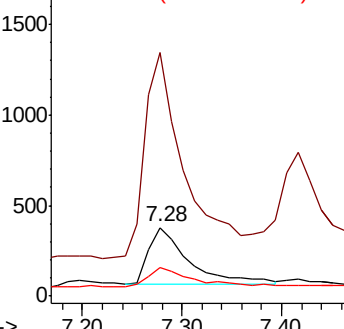
95 36.2 26.6 40.0

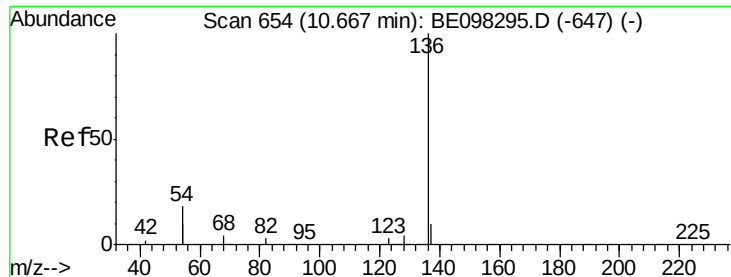


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3965

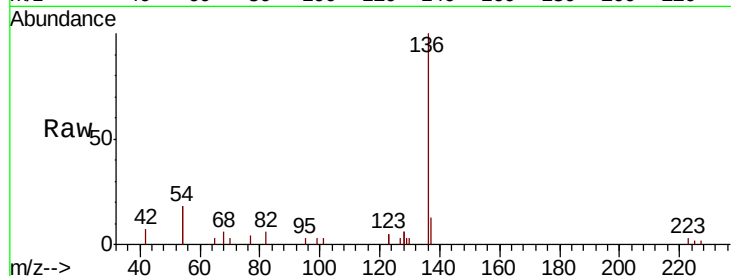
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 35.4 28.4 42.6

68 6.5 5.4 8.0

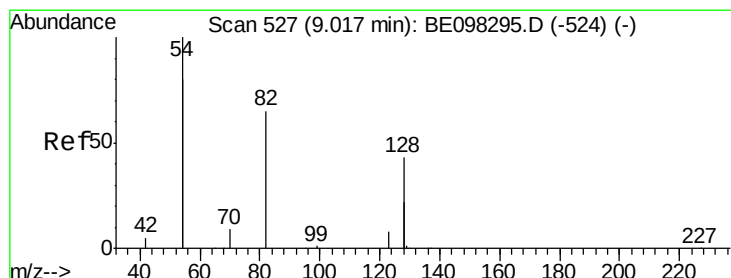
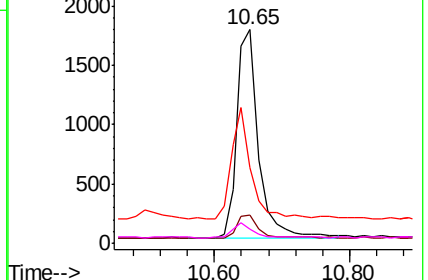
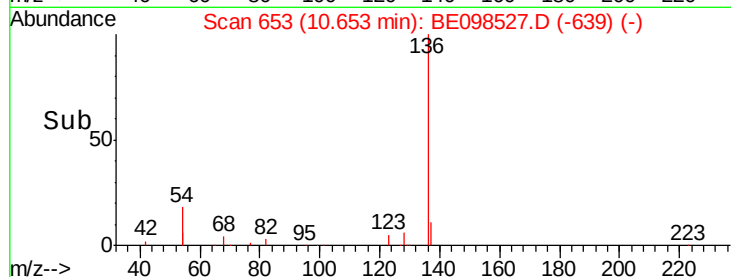


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

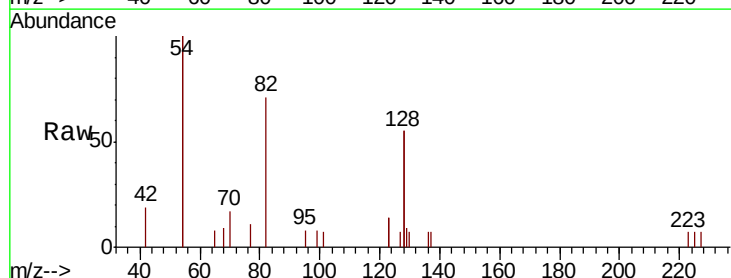
Tgt Ion: 82 Resp: 1232

Ion Ratio Lower Upper

82 100

128 154.2 102.4 153.6#

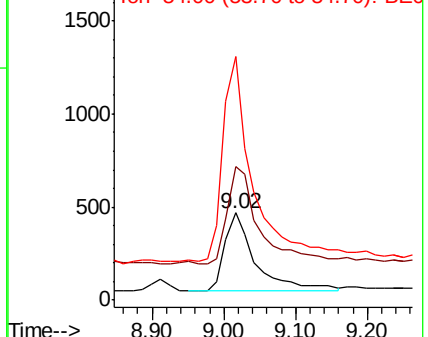
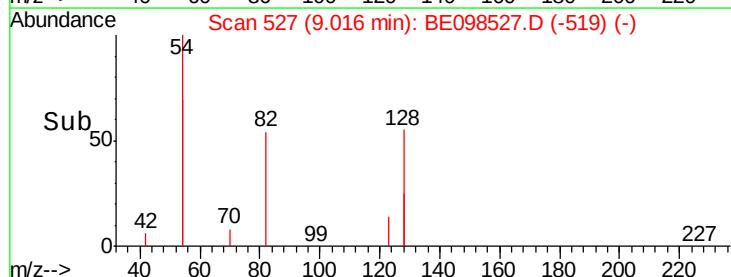
54 280.1 221.8 332.8

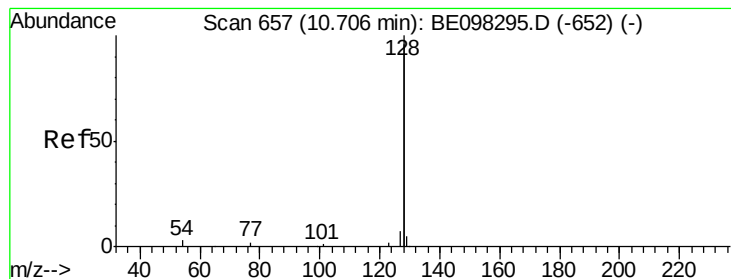


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.445 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampled :

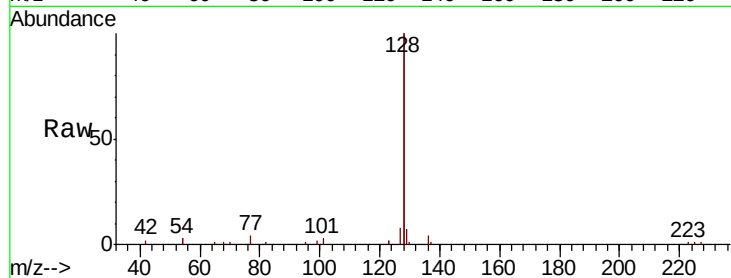
Tot Ion:128 Resp: 17772

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

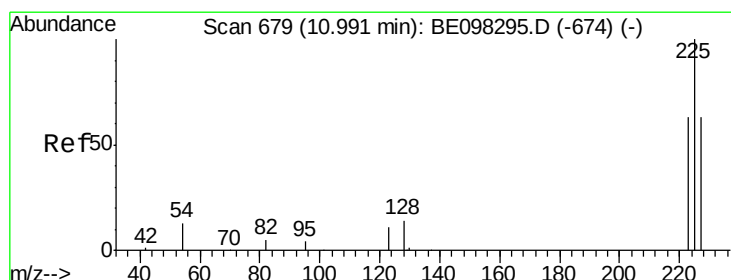
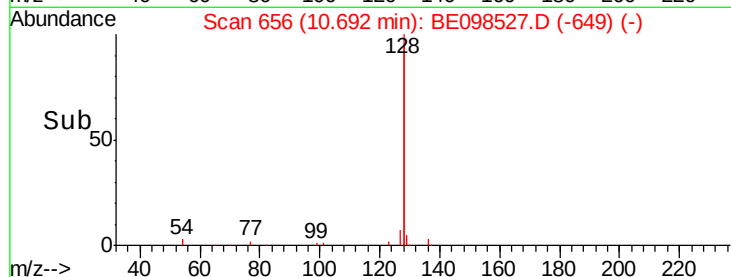
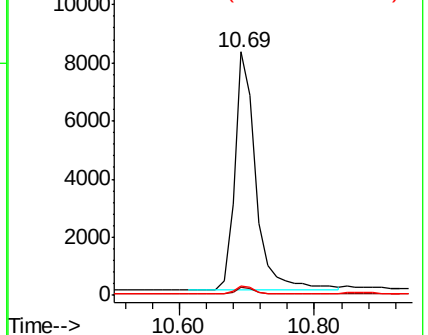
127 3.9 2.7 4.1



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: 0.384 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

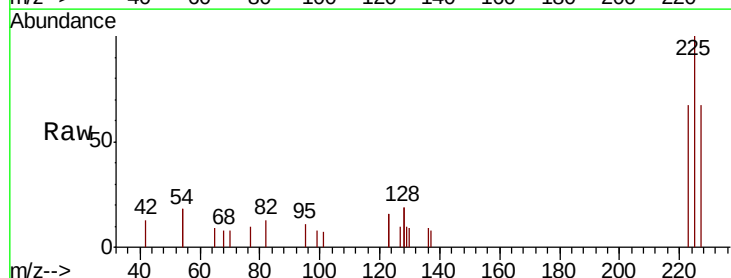
Tgt Ion:225 Resp: 975

Ion Ratio Lower Upper

225 100

223 61.2 49.4 74.0

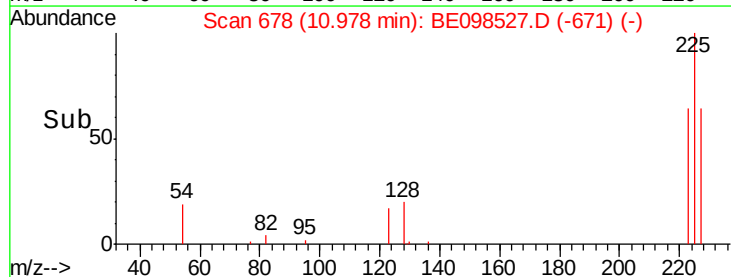
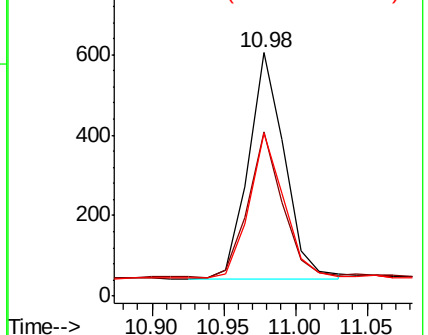
227 62.6 52.0 78.0

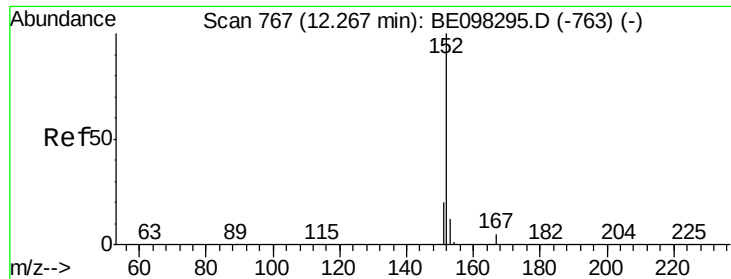


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

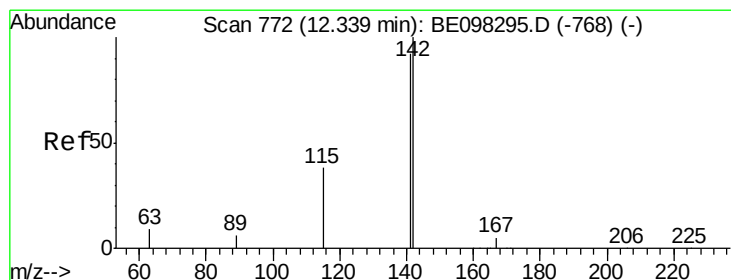
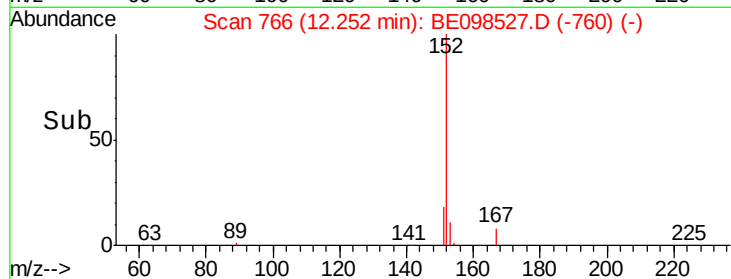
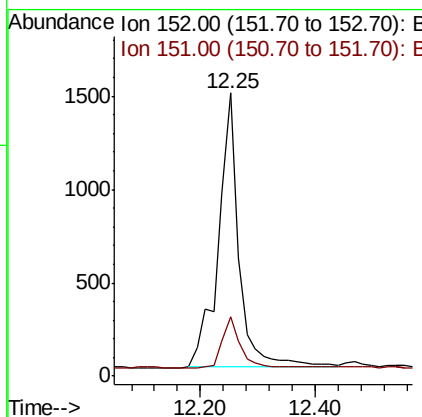
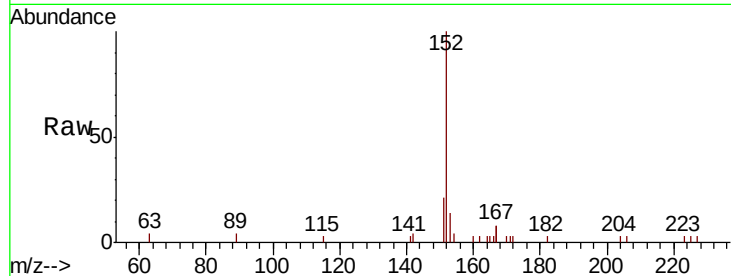




#11
 2-Methylnaphthalene-d10
 Concen: 0.560 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

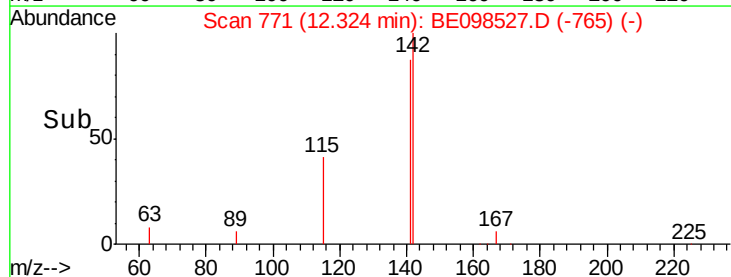
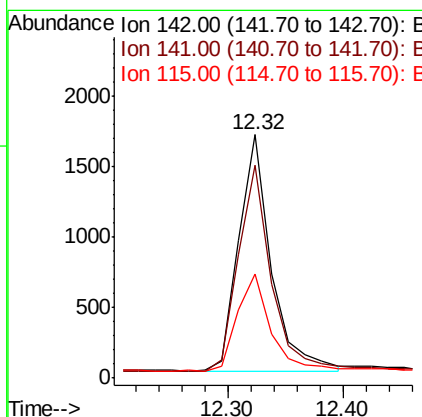
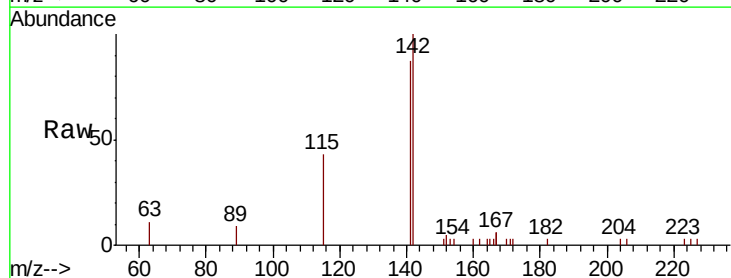
Instrument :
 BNA_E
 ClientSampleId :

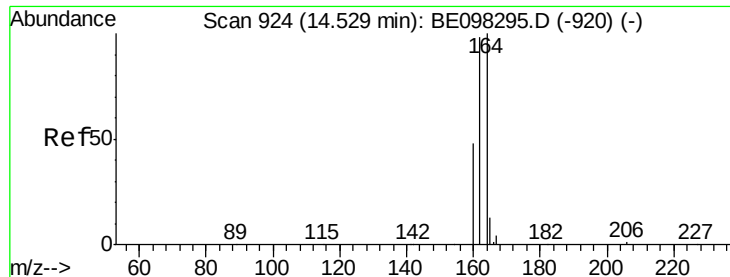
Tot Ion:152 Resp: 3613
 Ion Ratio Lower Upper
 152 100
 151 16.0 16.2 24.4#



#12
 2-Methylnaphthalene
 Concen: 0.506 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

Tgt Ion:142 Resp: 3278
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.0 106.6
 115 42.8 32.2 48.2

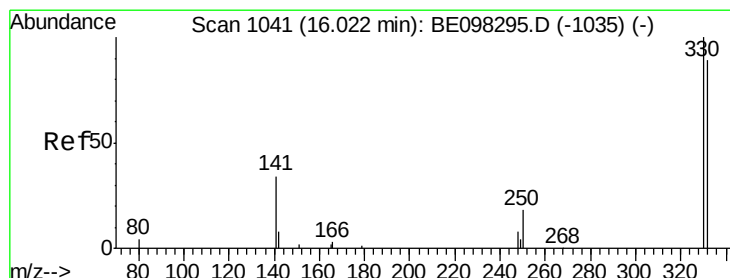
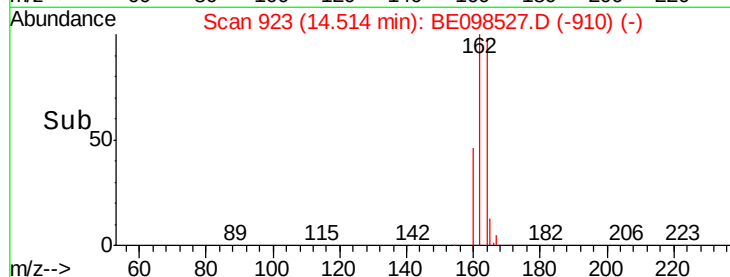
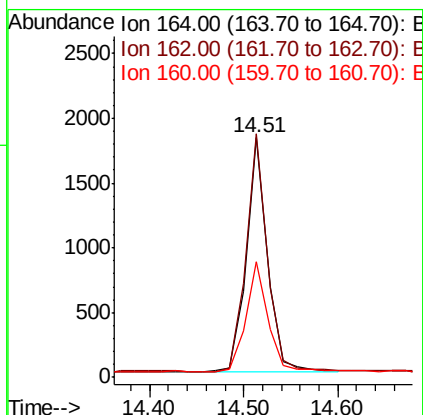
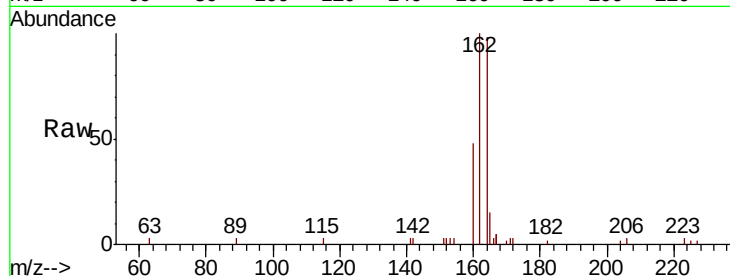




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

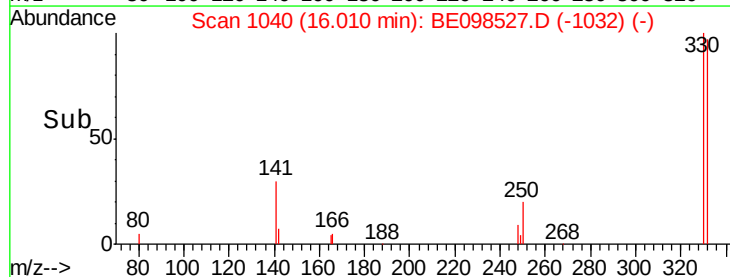
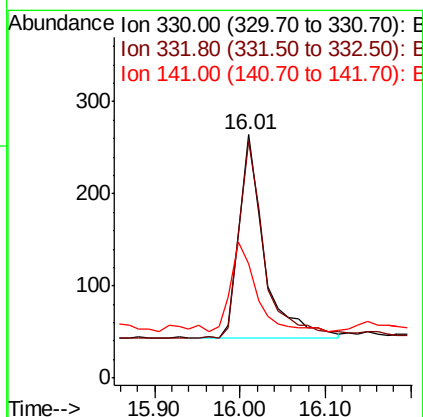
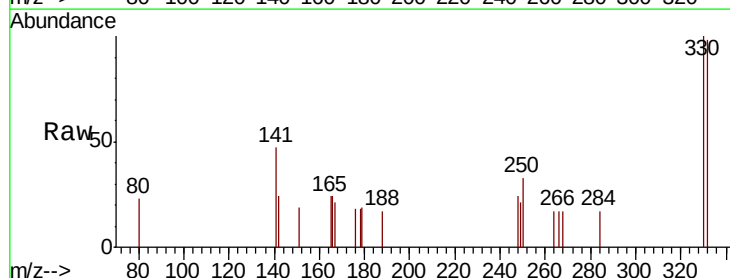
Instrument :
BNA_E
ClientSampleId :

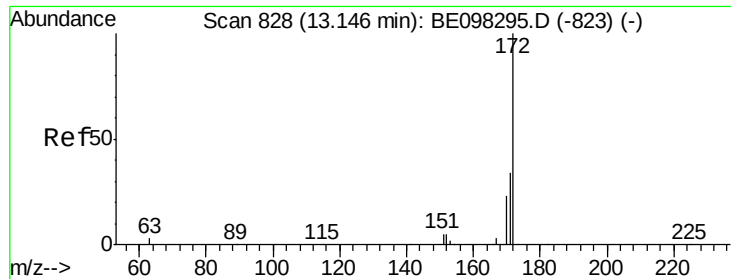
Tot Ion:164 Resp: 2814
Ion Ratio Lower Upper
164 100
162 101.8 77.6 116.4
160 48.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

Tgt Ion:330 Resp: 458
Ion Ratio Lower Upper
330 100
332 100.7 76.2 114.4
141 43.4 39.0 58.4

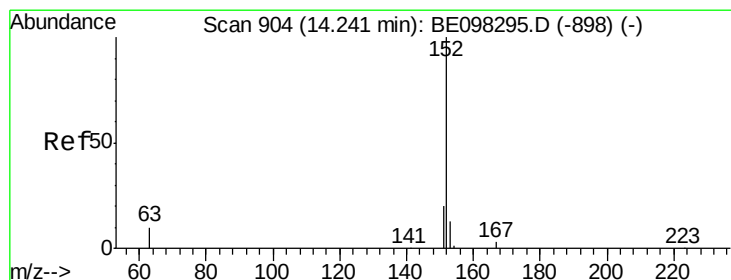
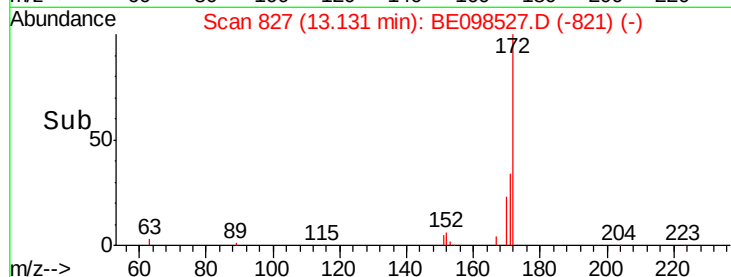
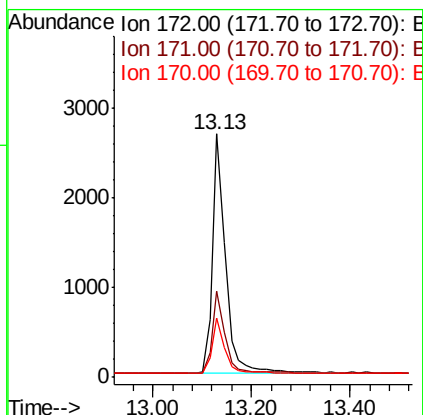
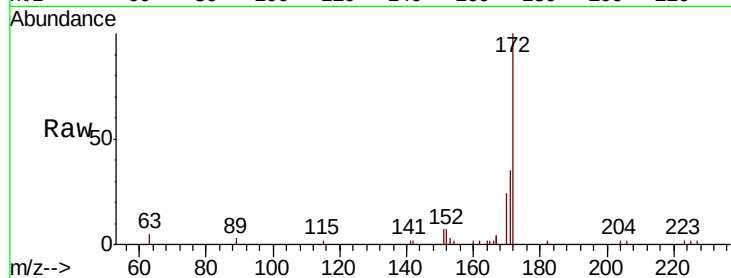




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

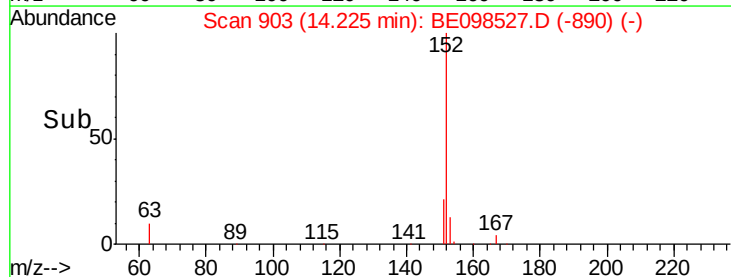
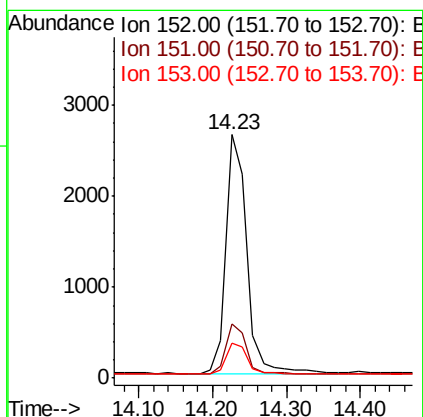
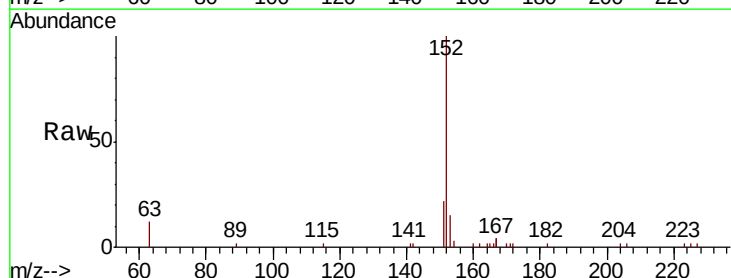
Instrument :
BNA_E
ClientSampleId :

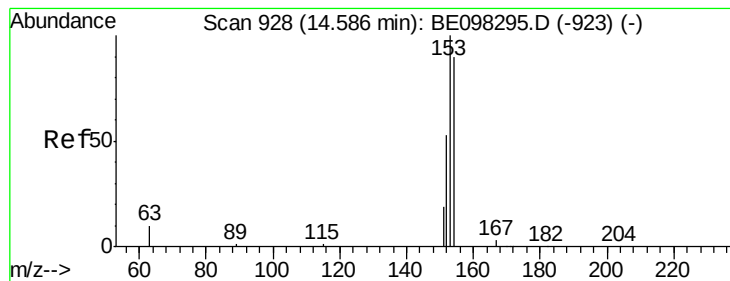
Tot Ion:172 Resp: 4911
Ion Ratio Lower Upper
172 100
171 35.5 27.5 41.3
170 24.2 19.6 29.4



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.02 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

Tgt Ion:152 Resp: 5213
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.419 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

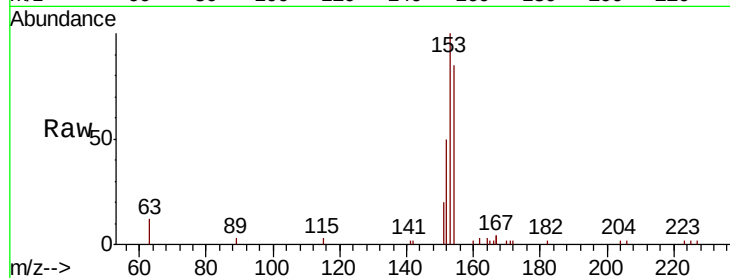
Tot Ion:154 Resp: 3316

Ion Ratio Lower Upper

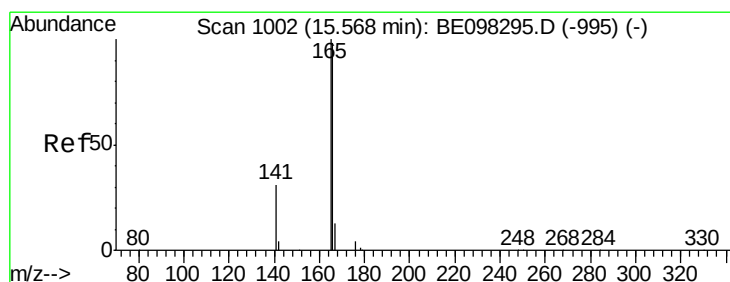
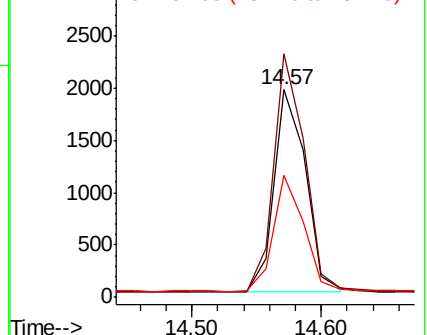
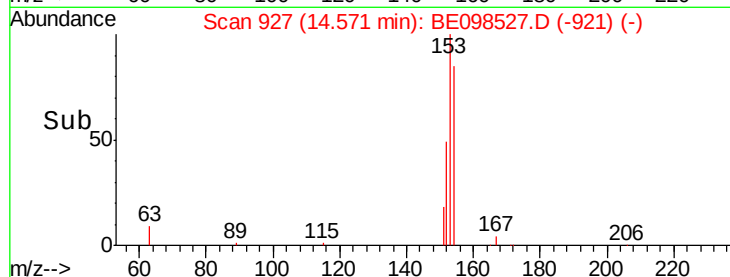
154 100

153 114.6 91.8 137.6

152 55.1 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: 0.439 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

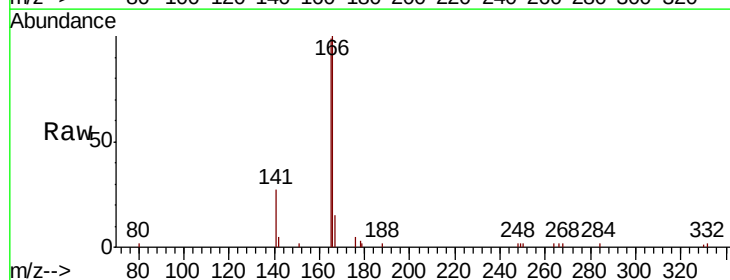
Tgt Ion:166 Resp: 4655

Ion Ratio Lower Upper

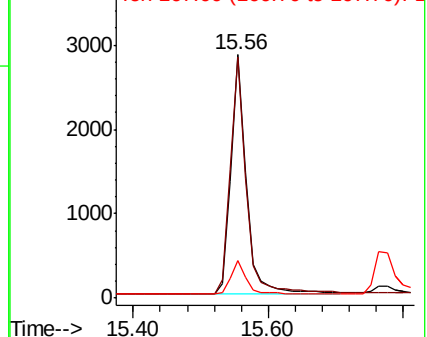
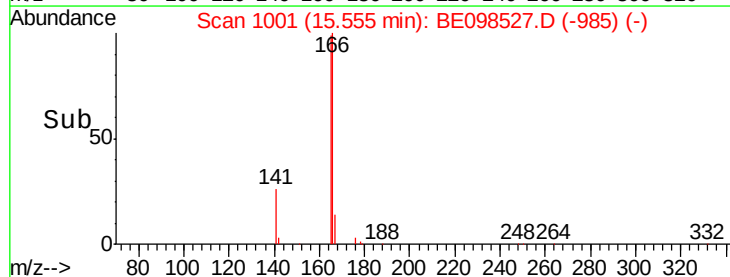
166 100

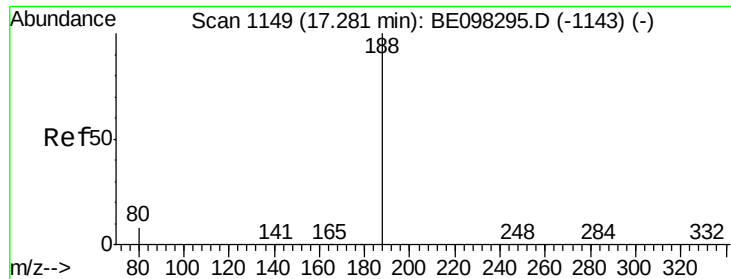
165 101.0 79.3 118.9

167 14.1 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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampled :

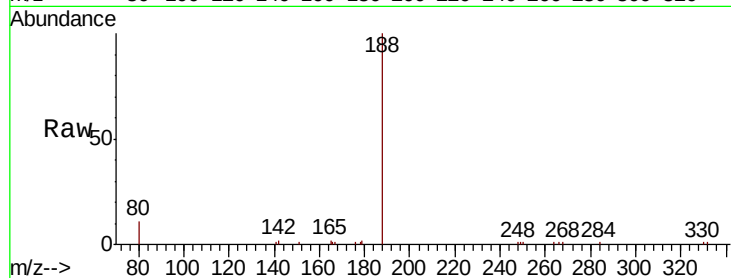
Tot Ion:188 Resp: 7013

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

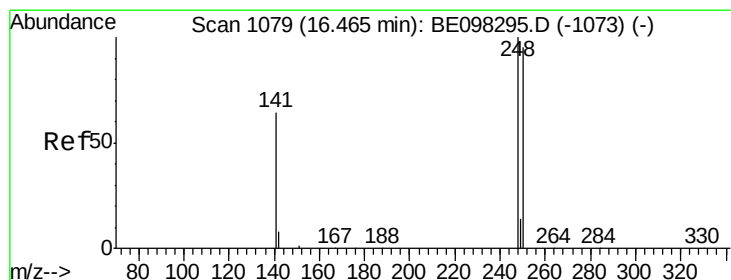
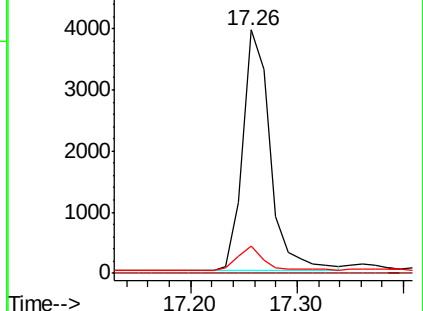
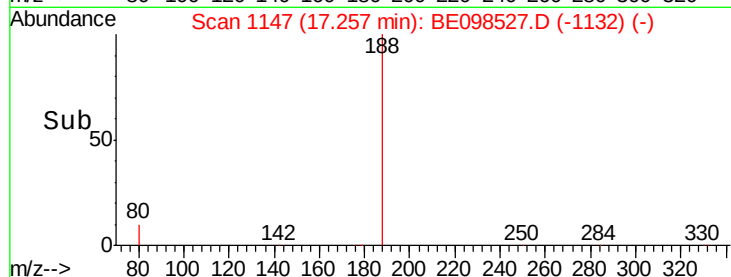
80 11.4 7.2 10.8#



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: 0.400 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

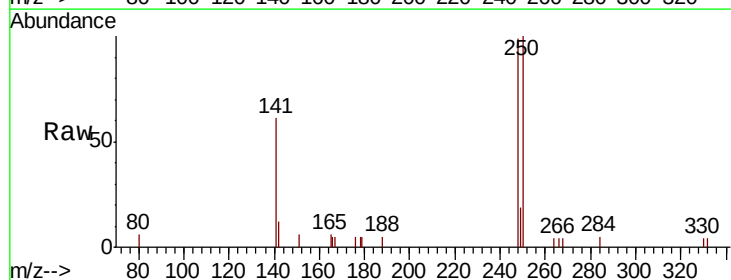
Tgt Ion:248 Resp: 1509

Ion Ratio Lower Upper

248 100

250 100.8 71.0 106.6

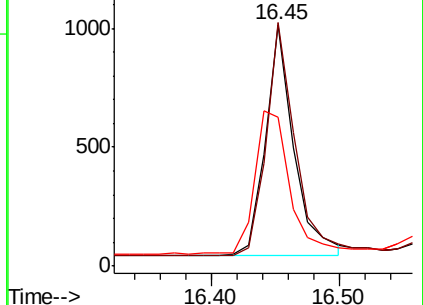
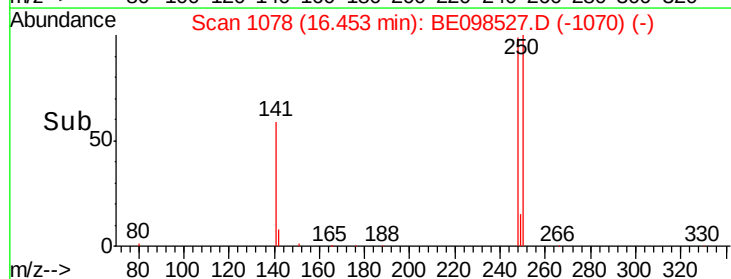
141 61.6 62.1 93.1#

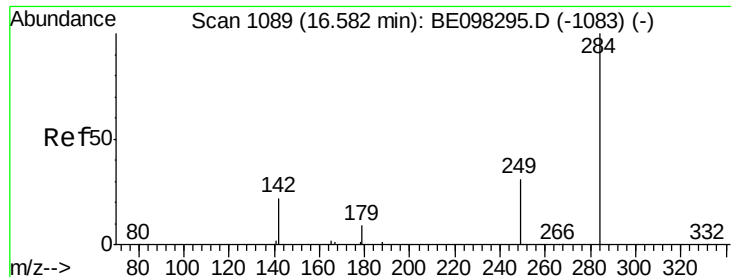


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

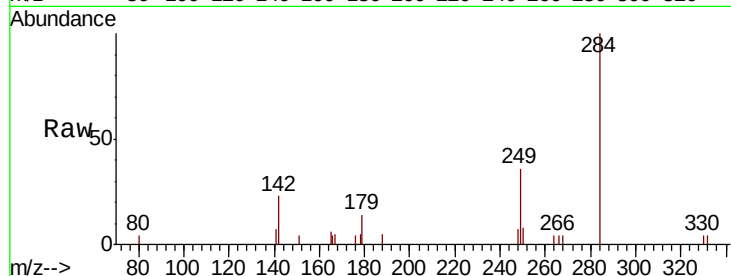
Tot Ion:284 Resp: 1734

Ion Ratio Lower Upper

284 100

142 34.4 26.3 39.5

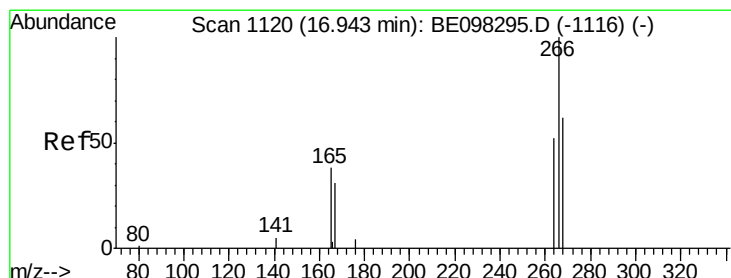
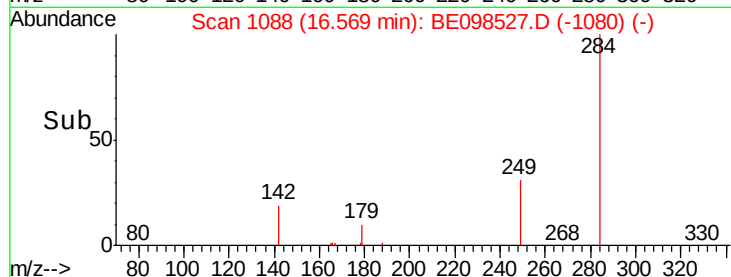
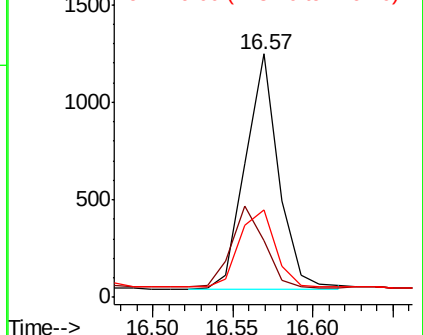
249 35.1 26.0 39.0



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: 0.717 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

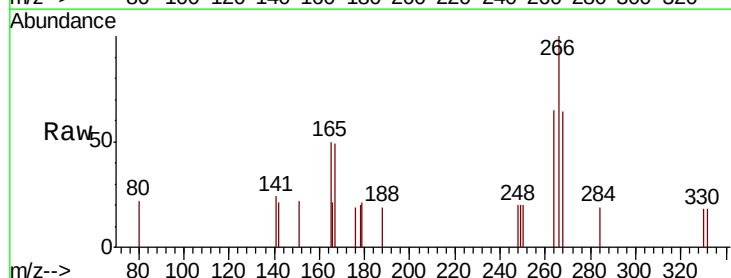
Tgt Ion:266 Resp: 520

Ion Ratio Lower Upper

266 100

264 65.3 59.0 88.4

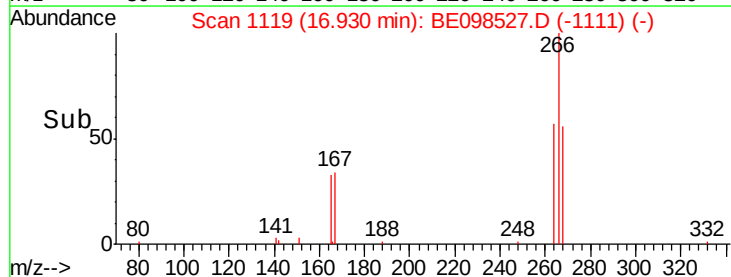
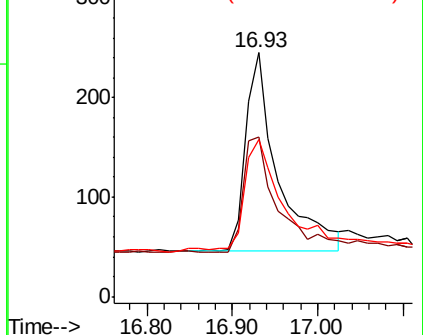
268 64.5 55.1 82.7

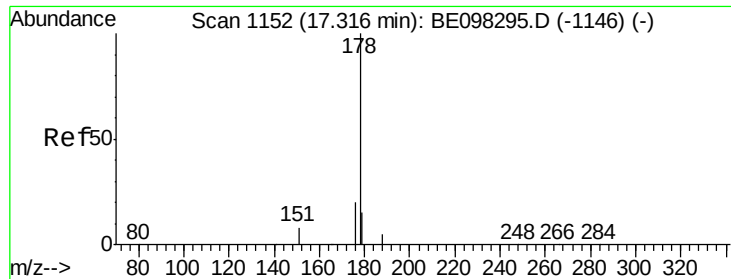


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.455 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

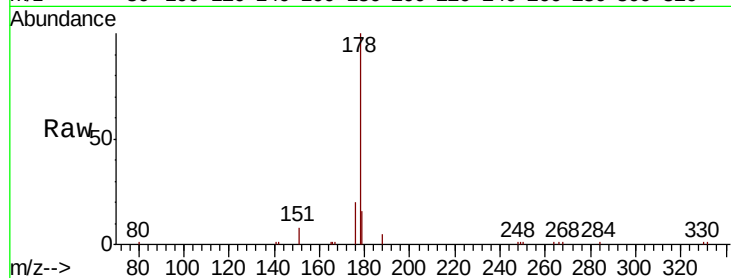
Tot Ion:178 Resp: 7758

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

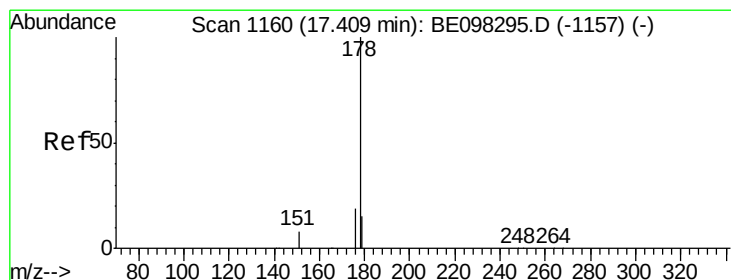
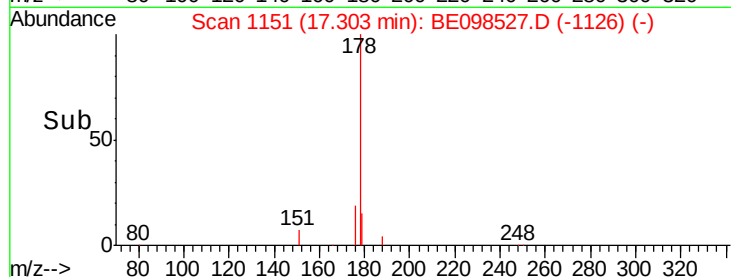
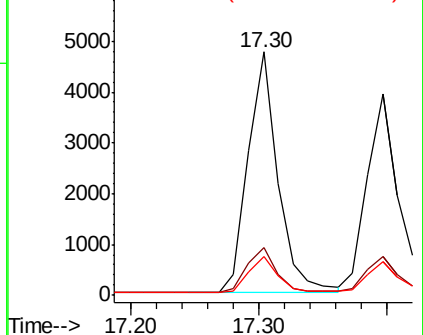
179 15.4 12.3 18.5



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: 0.433 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

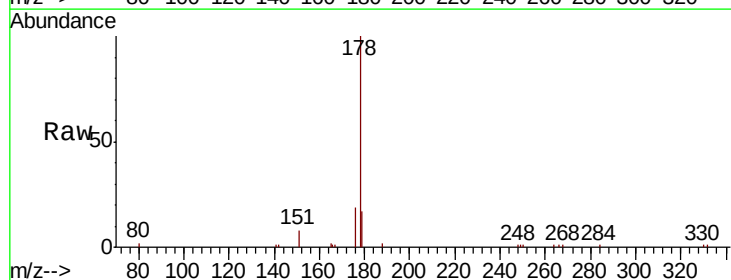
Tgt Ion:178 Resp: 6579

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

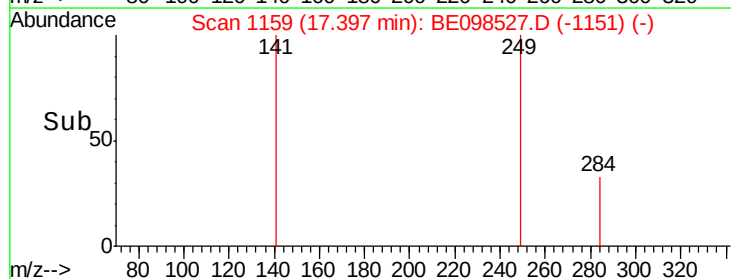
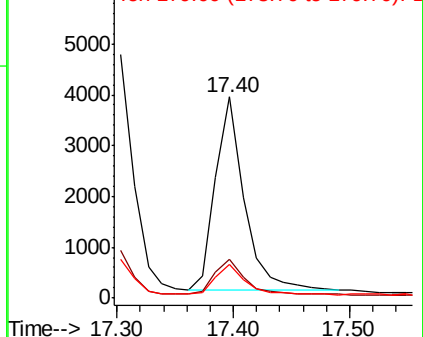
179 15.6 12.3 18.5

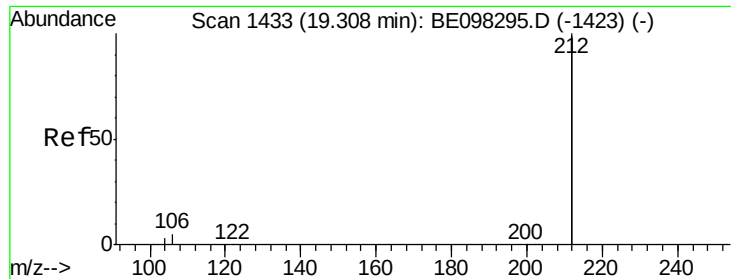


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

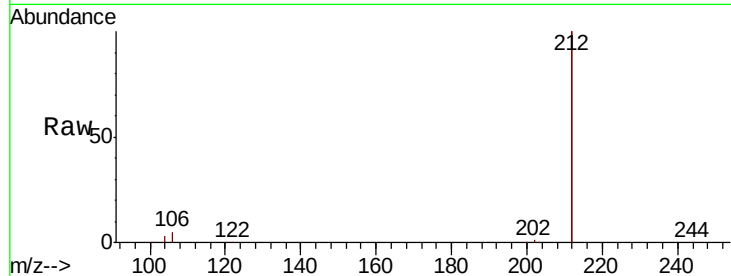
Tot Ion:212 Resp: 39720

Ion Ratio Lower Upper

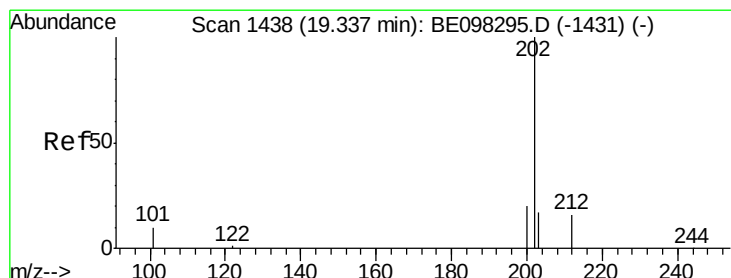
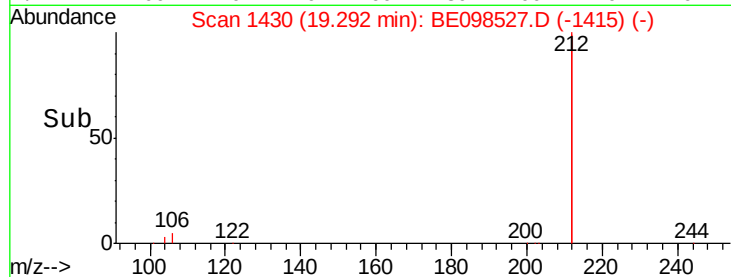
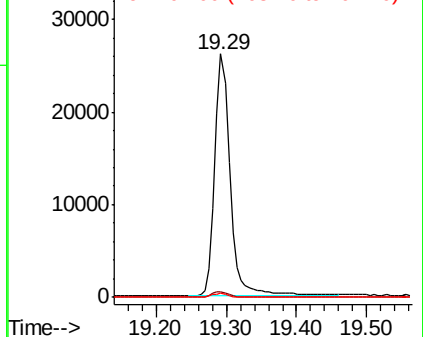
212 100

106 2.3 2.2 3.2

104 1.3 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: 0.452 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

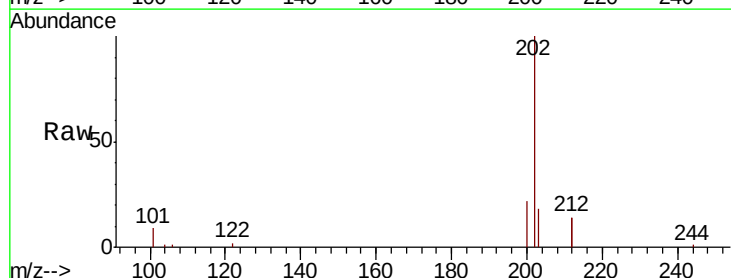
Tgt Ion:202 Resp: 10181

Ion Ratio Lower Upper

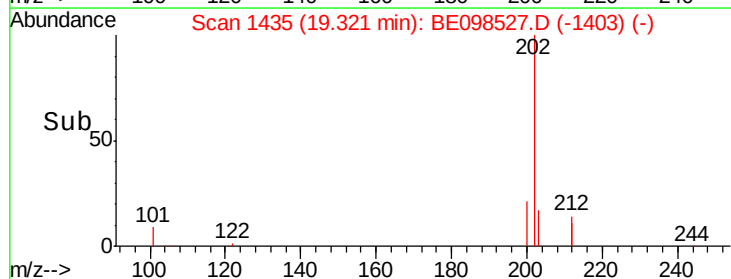
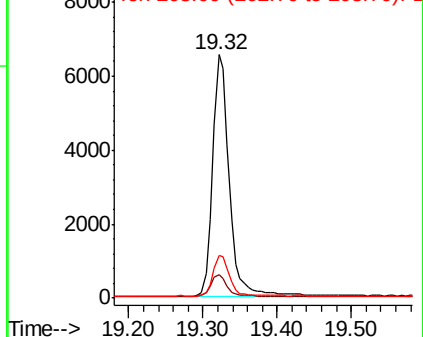
202 100

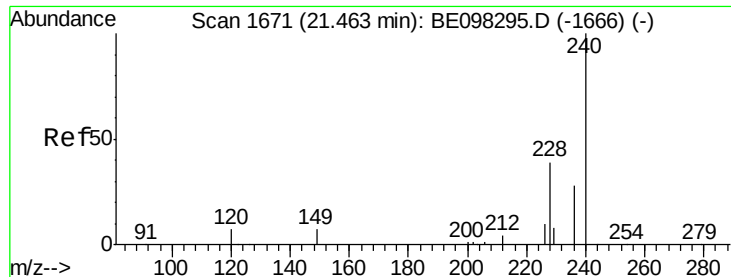
101 8.7 8.0 12.0

203 16.5 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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

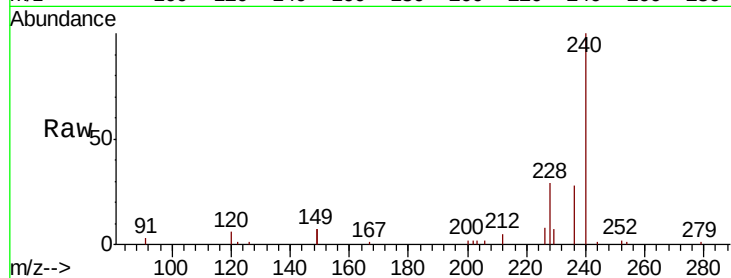
Tot Ion:240 Resp: 8278

Ion Ratio Lower Upper

240 100

120 6.3 9.5 14.3#

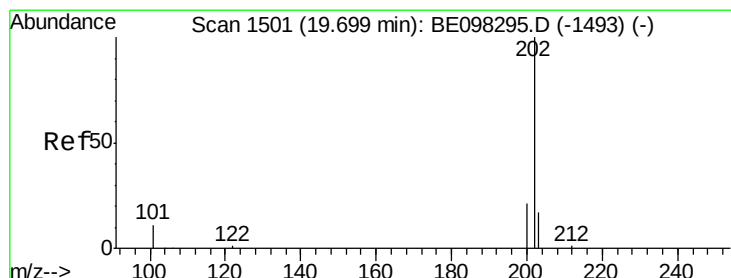
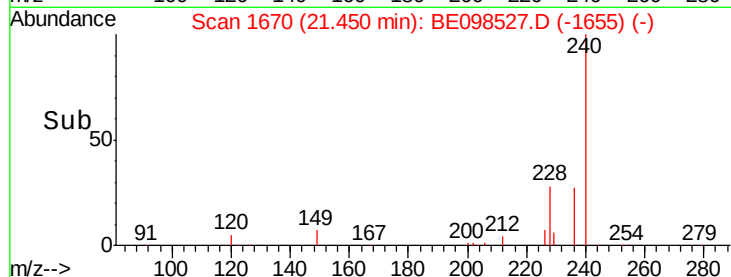
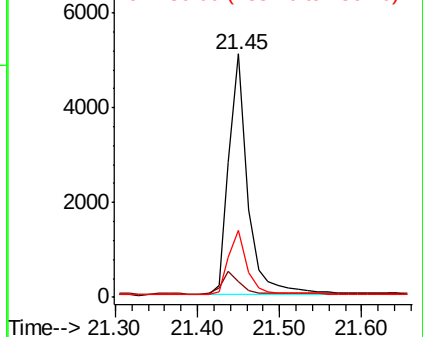
236 27.8 22.7 34.1



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: 0.391 ng

RT: 19.68 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

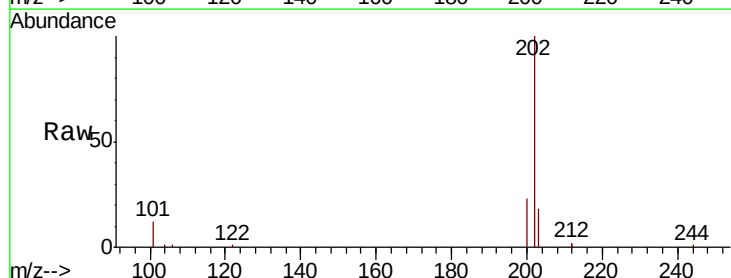
Tgt Ion:202 Resp: 10145

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

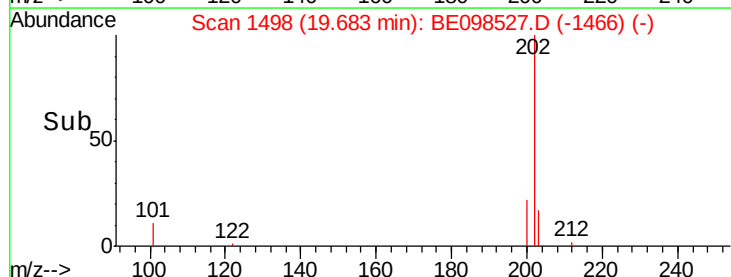
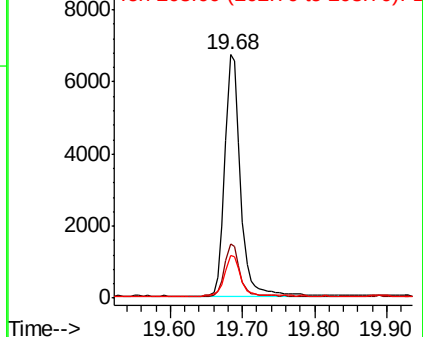
203 17.8 14.1 21.1

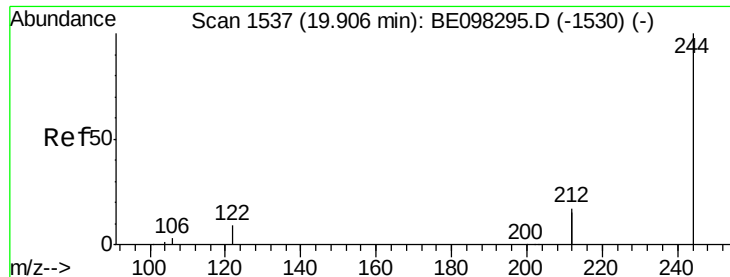


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

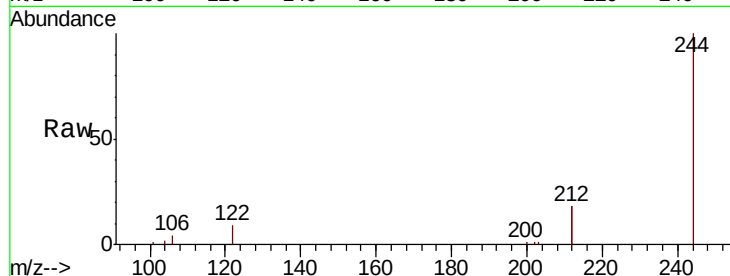
Tot Ion:244 Resp: 8551

Ion Ratio Lower Upper

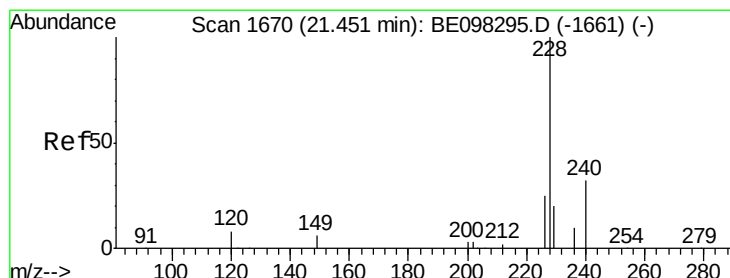
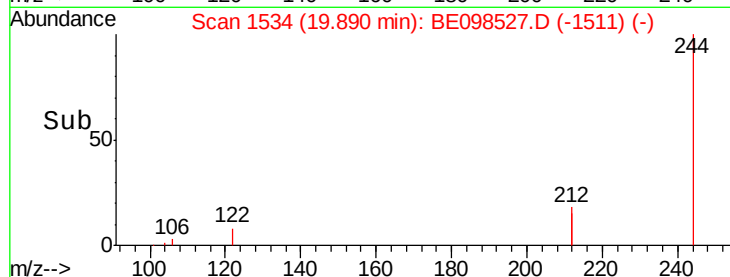
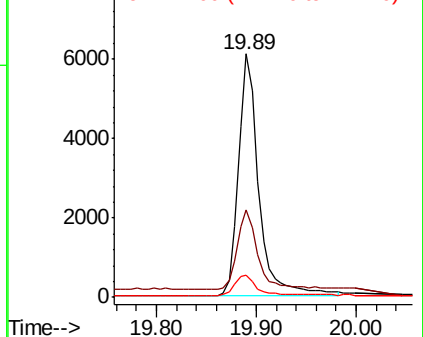
244 100

212 36.0 27.4 41.0

122 9.2 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: 0.434 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

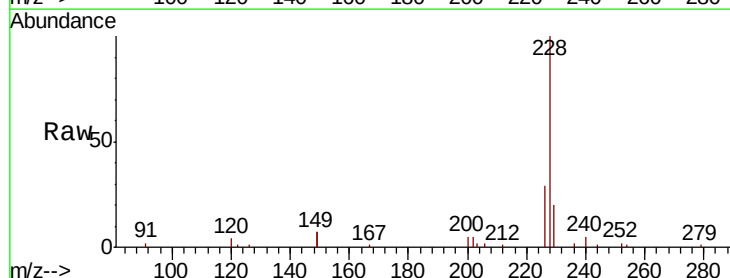
Tgt Ion:228 Resp: 10220

Ion Ratio Lower Upper

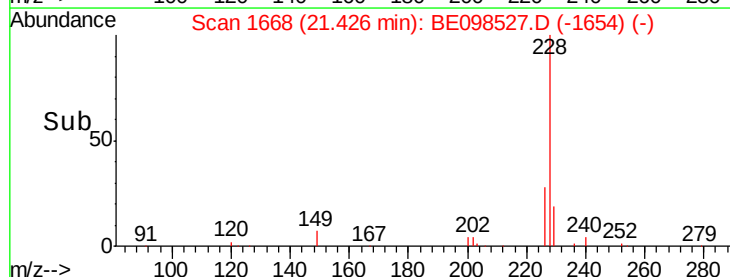
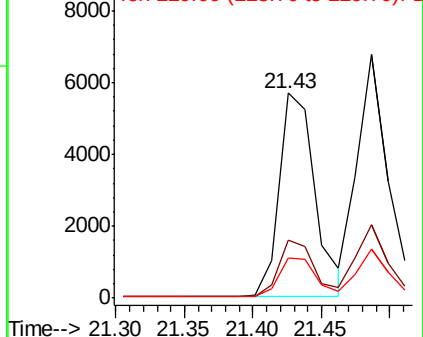
228 100

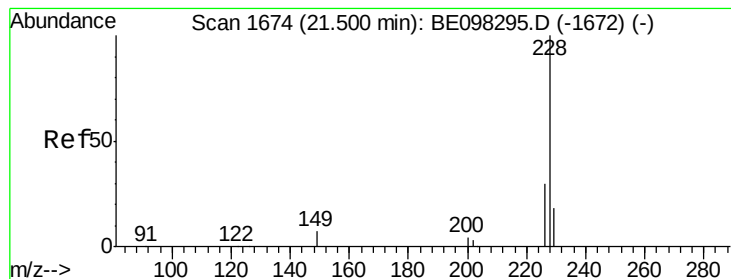
226 28.6 21.8 32.8

229 19.7 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: 0.423 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampled :

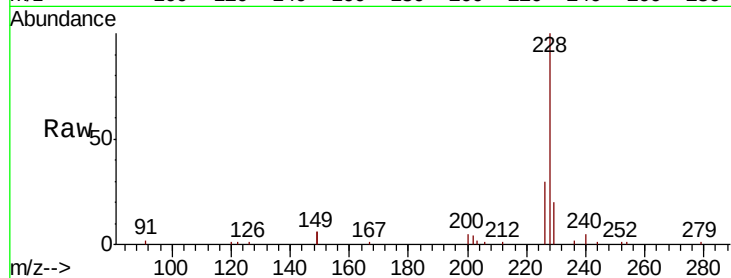
Tot Ion:228 Resp: 10456

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

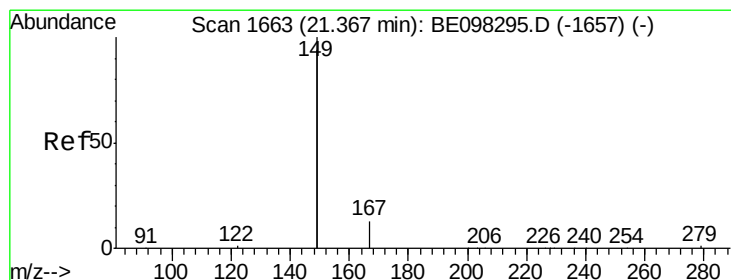
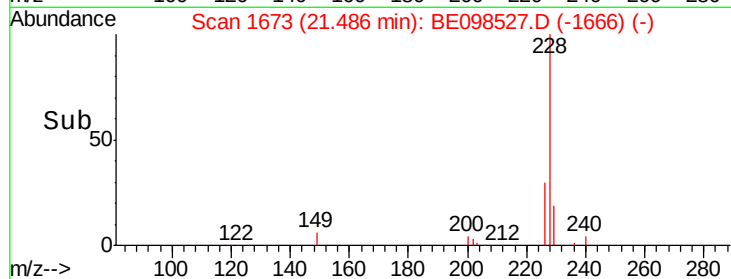
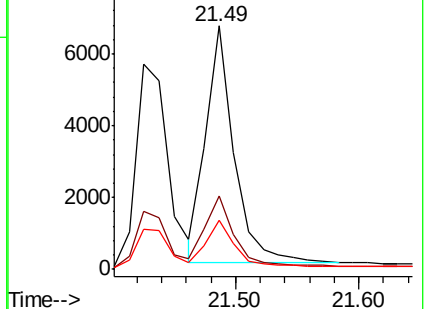
229 20.0 16.2 24.4



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: 0.334 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

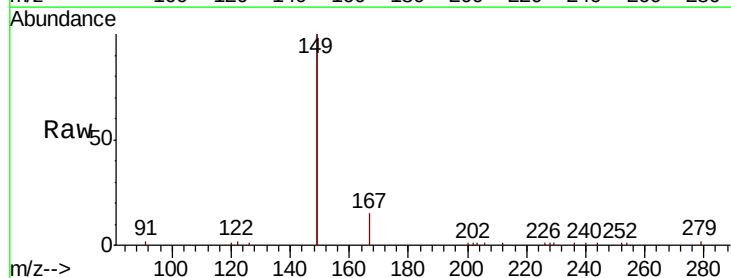
Tgt Ion:149 Resp: 15975

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

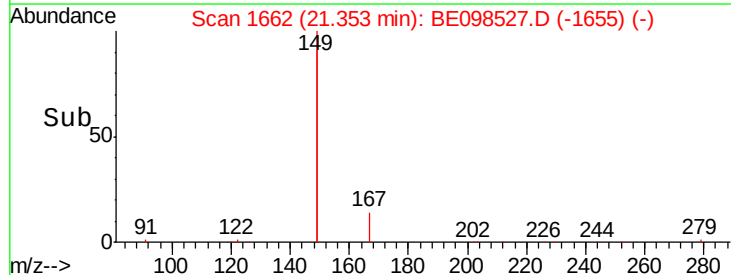
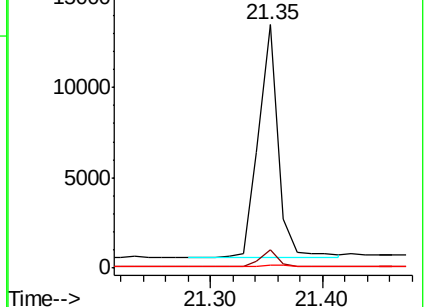
279 1.0 1.0 1.4

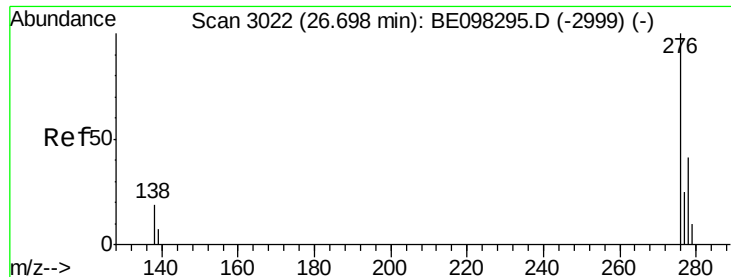


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

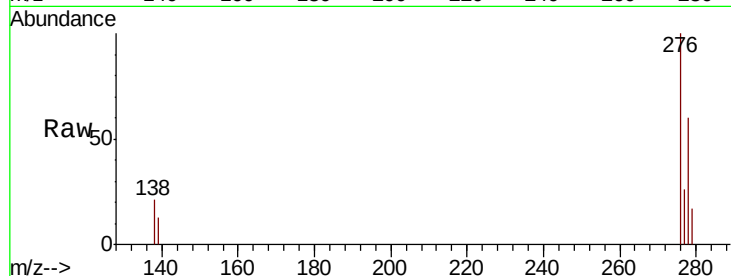




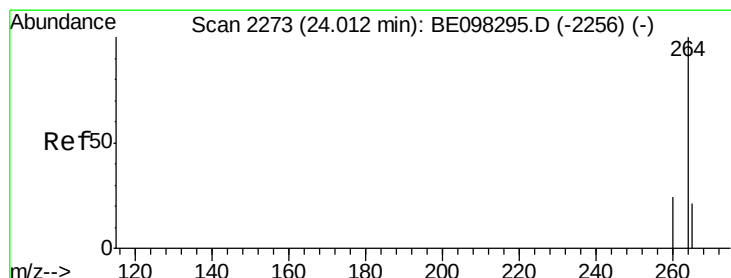
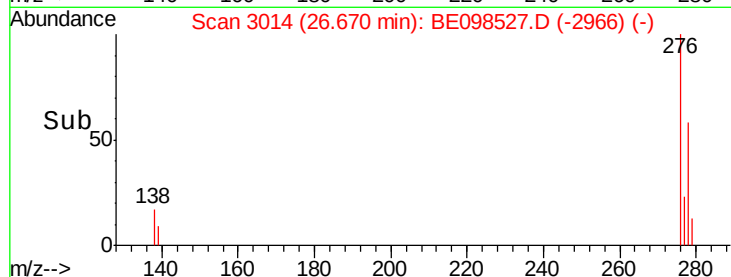
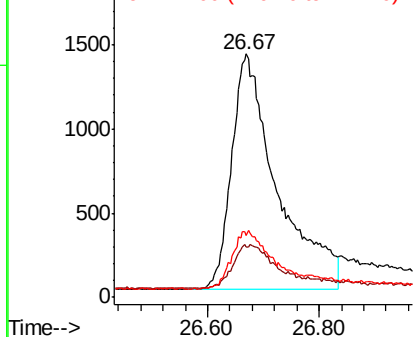
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.323 ng
 RT: 26.67 min Scan# 3014
 Delta R.T. -0.03 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 7938
 Ion Ratio Lower Upper
 276 100
 138 6.6 16.3 24.5#
 277 8.3 20.2 30.4#

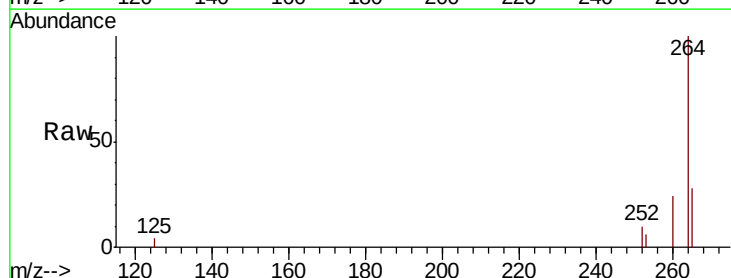


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

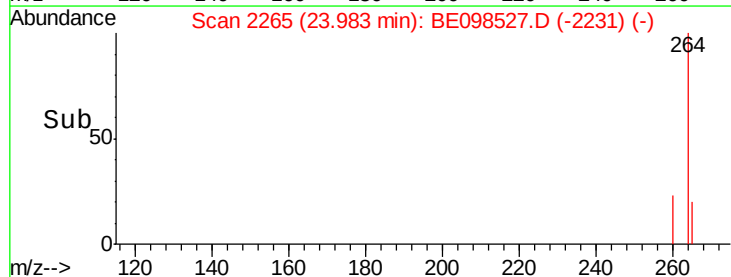
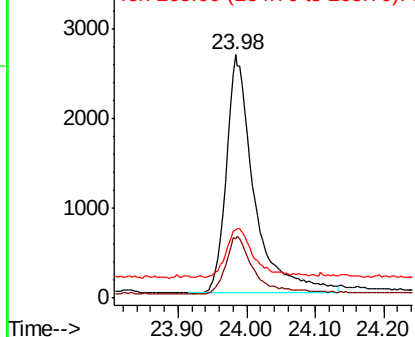


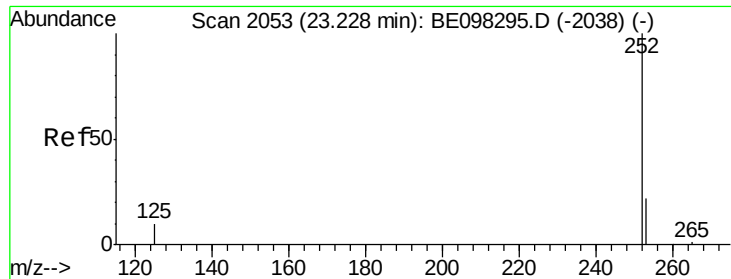
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2265
 Delta R.T. -0.03 min
 Lab File: BE098527.D
 Acq: 19 Dec 2018 13:25

Tgt Ion:264 Resp: 7564
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.2
 265 28.2 25.2 37.8



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

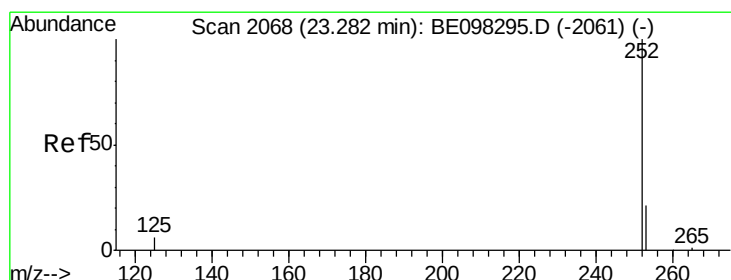
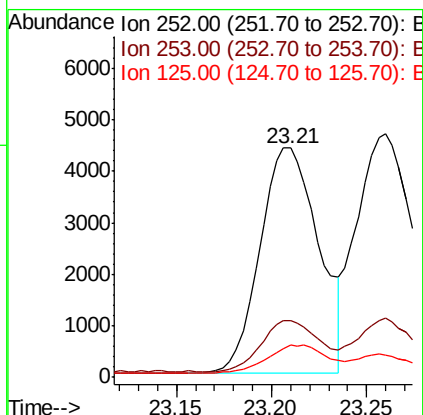
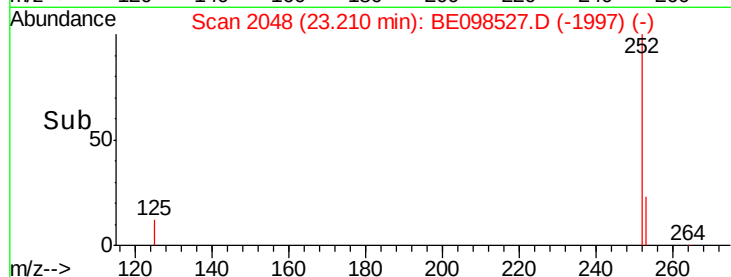
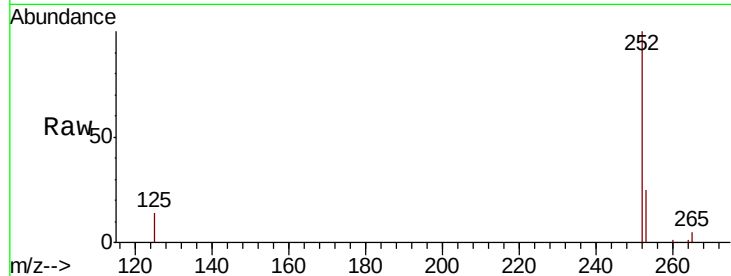




#35
Benzo(b)fluoranthene
Concen: 0.454 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

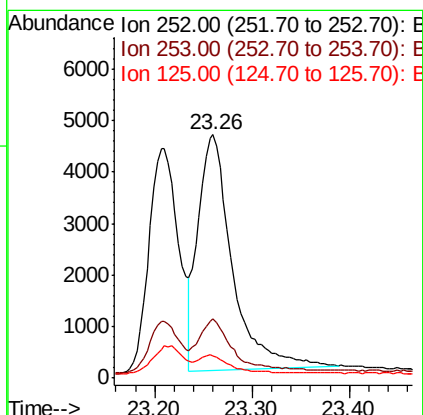
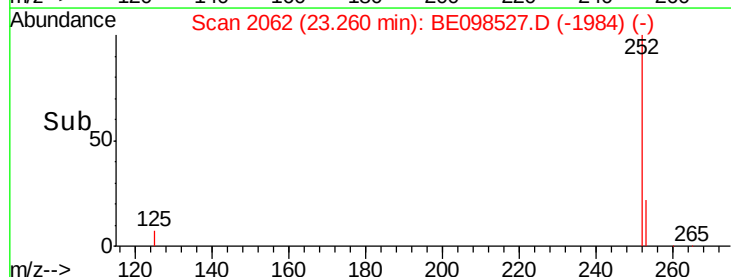
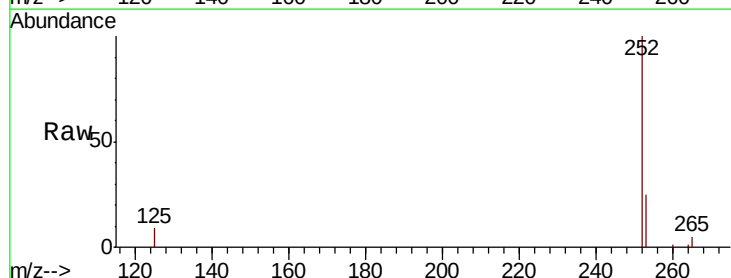
Instrument :
BNA_E
ClientSampleId :

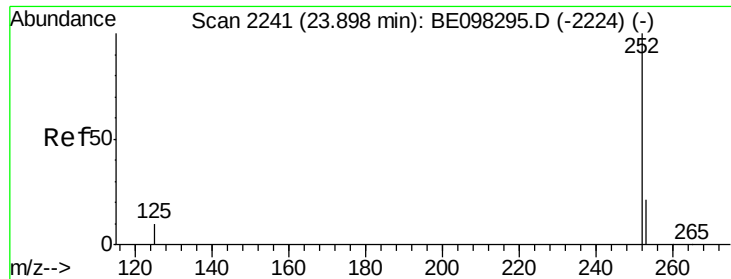
Tot Ion:252 Resp: 9398
Ion Ratio Lower Upper
252 100
253 24.8 20.0 30.0
125 13.9 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.464 ng
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098527.D
Acq: 19 Dec 2018 13:25

Tgt Ion:252 Resp: 11188
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.6
125 9.0 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.459 ng

RT: 23.87 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

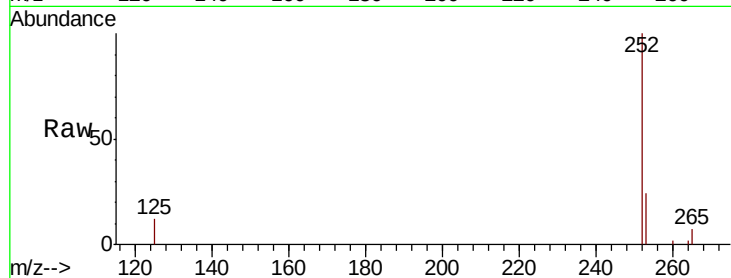
Tot Ion:252 Resp: 9795

Ion Ratio Lower Upper

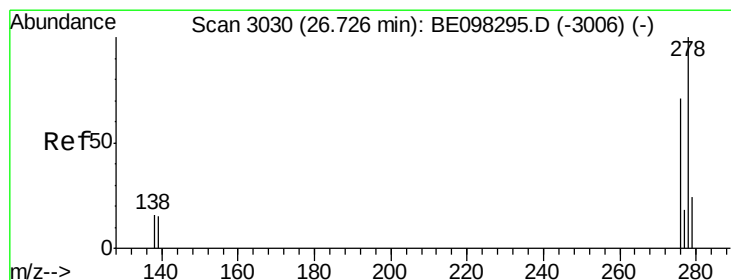
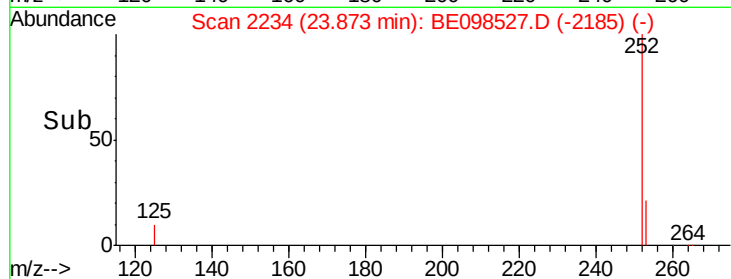
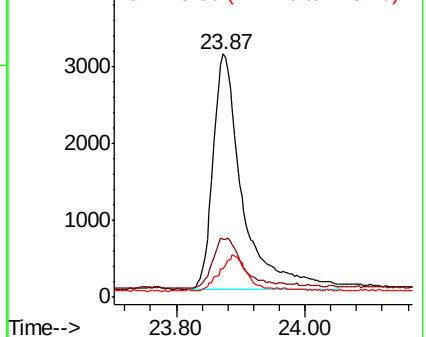
252 100

253 24.0 20.6 30.8

125 11.9 10.5 15.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.290 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.03 min

Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

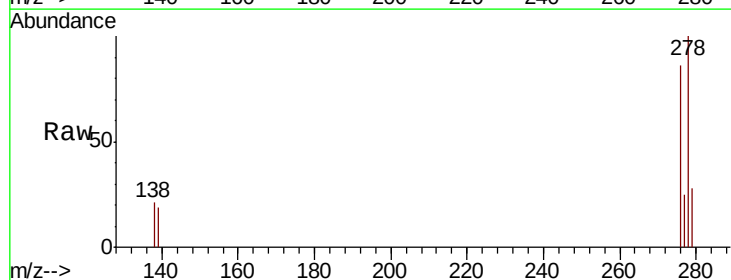
Tgt Ion:278 Resp: 5823

Ion Ratio Lower Upper

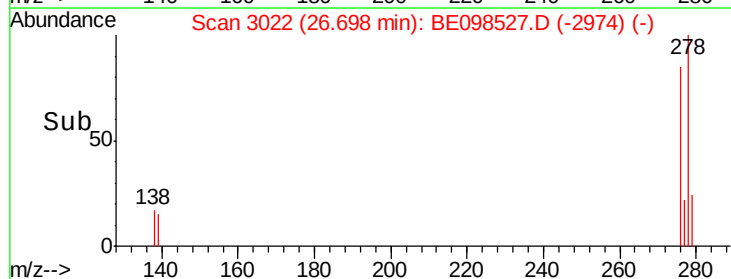
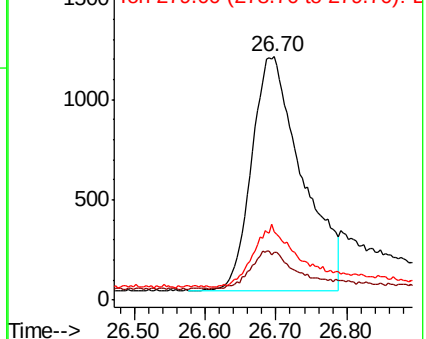
278 100

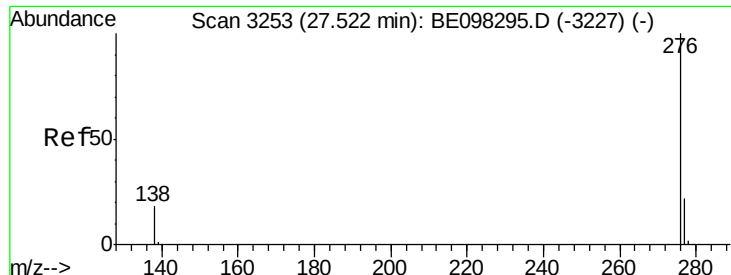
139 19.4 14.5 21.7

279 27.9 21.8 32.8



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: 0.320 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

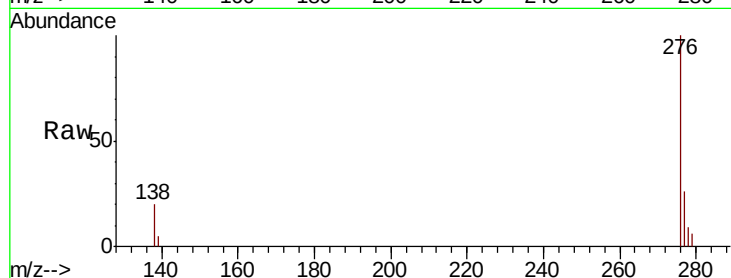
Lab File: BE098527.D

Acq: 19 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :



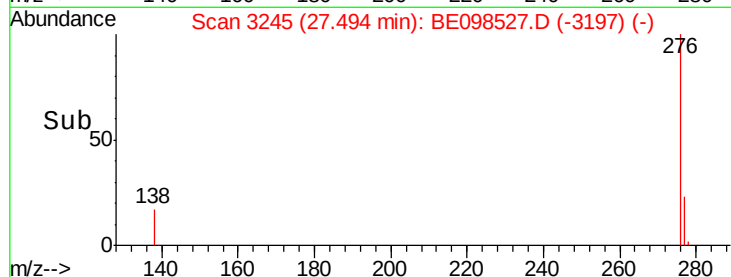
Tot Ion: 276 Resp: 6477

Ion Ratio Lower Upper

276 100

277 26.3 20.8 31.2

138 20.4 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

