

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098547.D
 Acq On : 21 Dec 2018 9:33
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 21 15:28:11 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	726	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3674	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2878	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	8065	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	9409	0.40	ng	-0.01
34) Perylene-d12	23.99	264	7904	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	729	0.43	ng	0.00
5) Phenol-d6	7.03	99	958	0.40	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1135	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2434	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	459	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	3981	0.33	ng	-0.01
25) Fluoranthene-d10	19.30	212	42128	0.41	ng	-0.01
29) Terphenyl-d14	19.89	244	8135	0.36	ng	-0.01

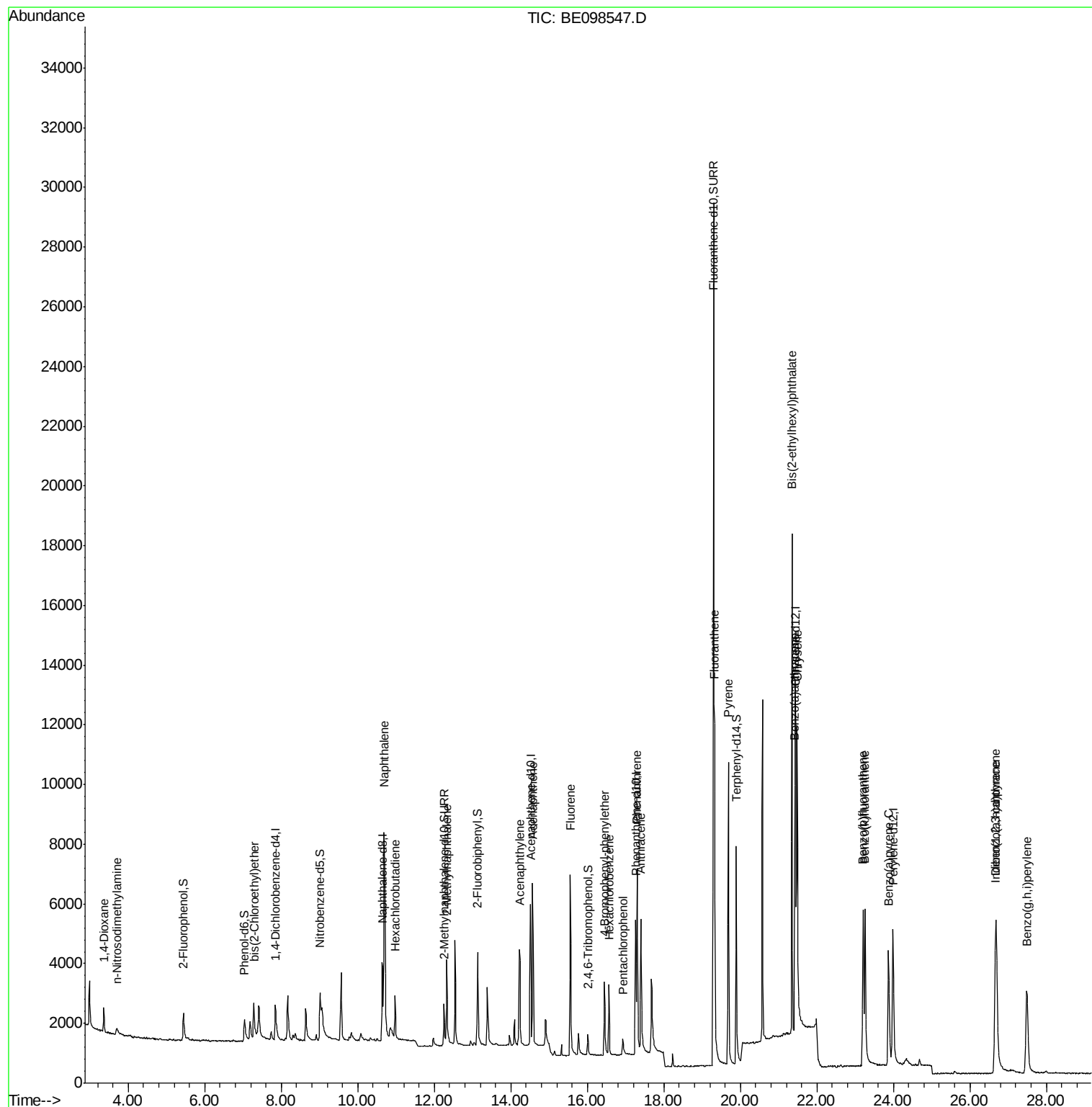
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	499	0.397	ng	97
3) n-Nitrosodimethylamine	3.70	42	299	0.265	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	816	0.357	ng	85
9) Naphthalene	10.69	128	14005	0.379	ng	99
10) Hexachlorobutadiene	10.98	225	960	0.408	ng	99
12) 2-Methylnaphthalene	12.32	142	2355	0.392	ng	92
16) Acenaphthylene	14.23	152	4608	0.342	ng	98
17) Acenaphthene	14.57	154	2967	0.366	ng	99
18) Fluorene	15.55	166	4035	0.372	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1538	0.354	ng	94
21) Hexachlorobenzene	16.57	284	1776	0.381	ng	95
22) Pentachlorophenol	16.93	266	455	0.571	ng	93
23) Phenanthrene	17.30	178	7110	0.363	ng	100
24) Anthracene	17.40	178	5856	0.335	ng	100
26) Fluoranthene	19.33	202	10232	0.395	ng	97
28) Pyrene	19.69	202	10483	0.355	ng	99
30) Benzo(a)anthracene	21.43	228	9331	0.348	ng	98
31) Chrysene	21.49	228	10155	0.362	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	17814	0.327	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	9369	0.335	ng	97
35) Benzo(b)fluoranthene	23.21	252	7913	0.366	ng	97
36) Benzo(k)fluoranthene	23.26	252	9285	0.369	ng	98
37) Benzo(a)pyrene	23.87	252	8091	0.363	ng	95
38) Dibenzo(a,h)anthracene	26.69	278	7738	0.368	ng	98
39) Benzo(g,h,i)perylene	27.49	276	7860	0.371	ng	97

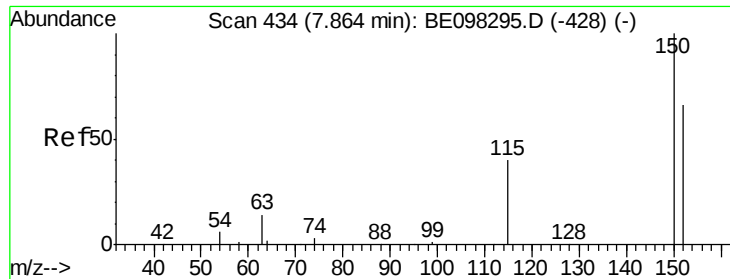
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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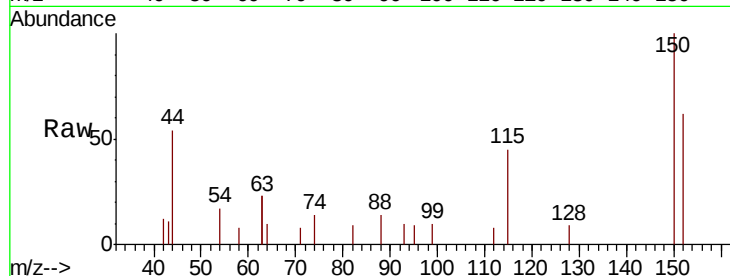


#1

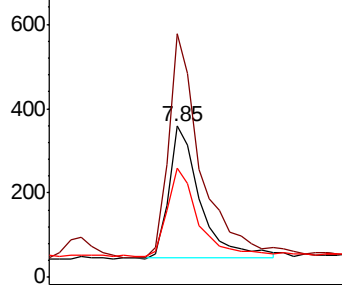
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

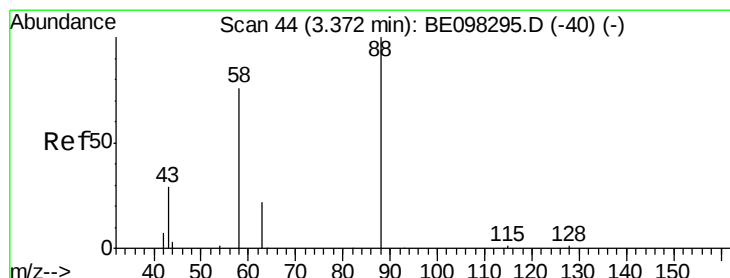
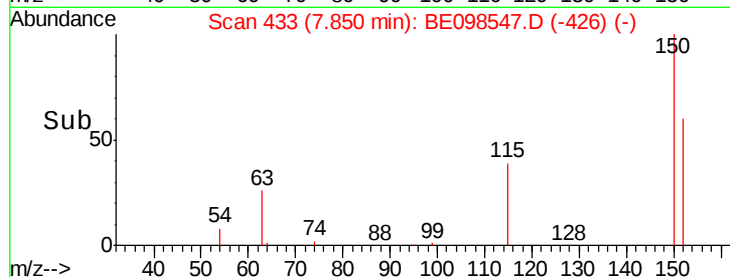
Tot Ion:152 Resp: 726
Ion Ratio Lower Upper
152 100
150 160.7 124.2 186.4
115 71.9 53.9 80.9



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



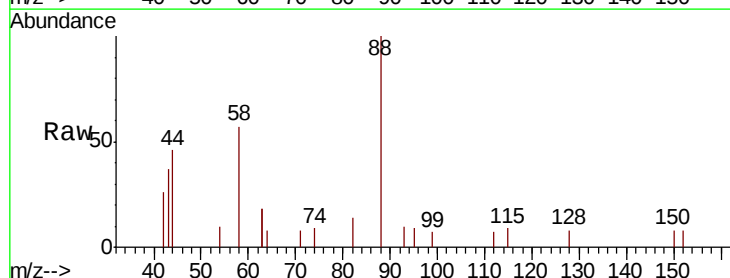
Time-->



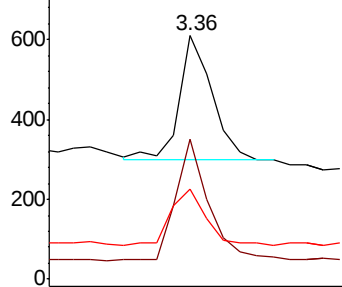
#2

1,4-Dioxane
Concen: 0.397 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

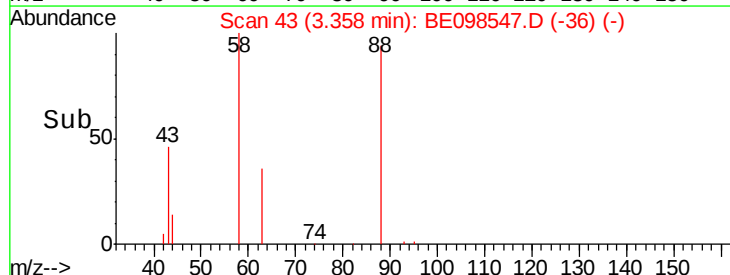
Tgt Ion: 88 Resp: 499
Ion Ratio Lower Upper
88 100
58 97.0 75.0 112.6
43 46.9 38.3 57.5



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.265 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

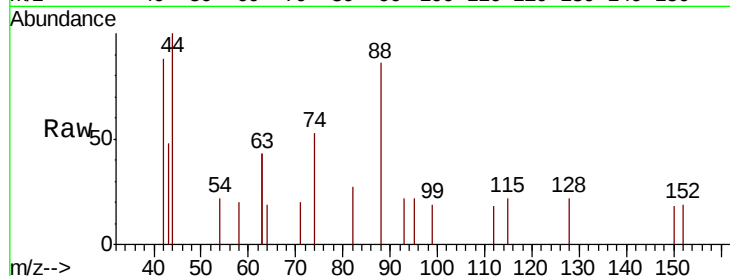
Tot Ion: 42 Resp: 299

Ion Ratio Lower Upper

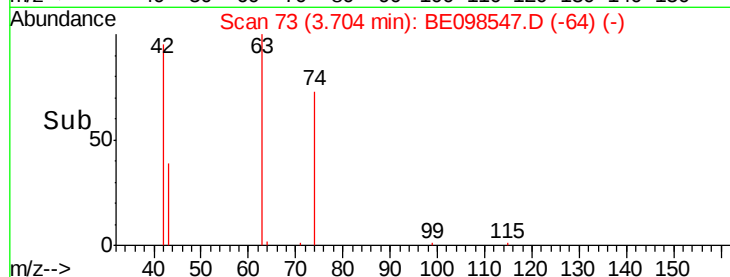
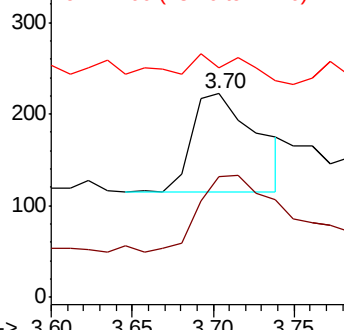
42 100

74 82.6 0.0 0.0#

44 0.0 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: 0.429 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

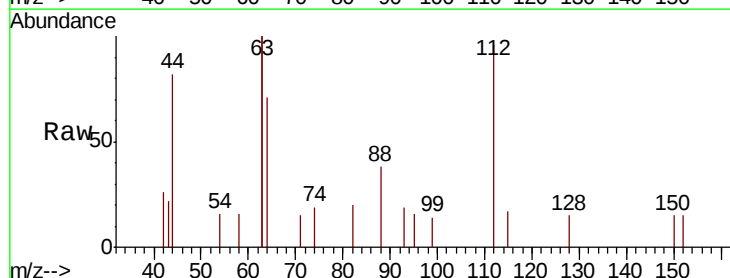
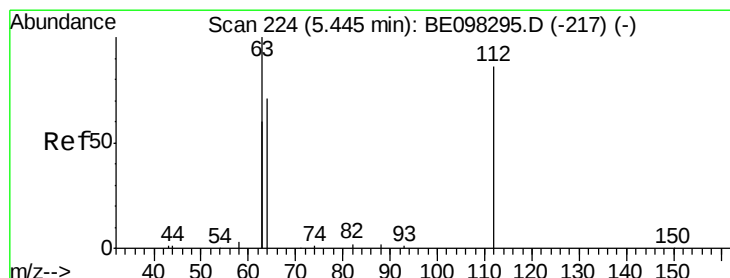
Tgt Ion: 112 Resp: 729

Ion Ratio Lower Upper

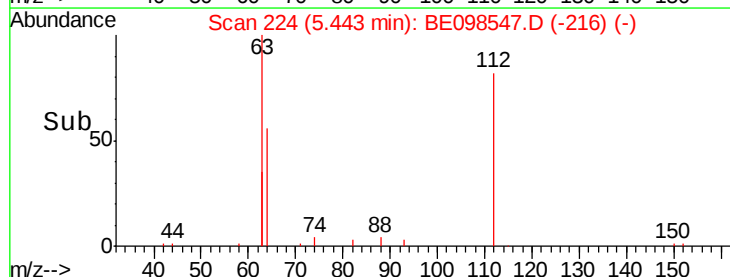
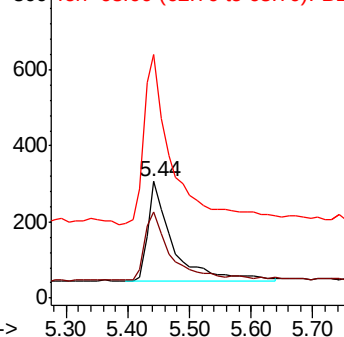
112 100

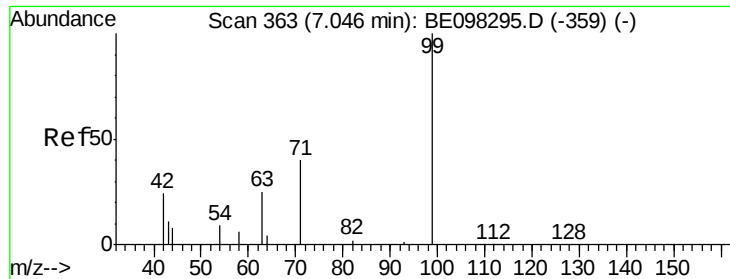
64 68.3 59.8 89.8

63 208.4 133.7 200.5#



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: 0.398 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

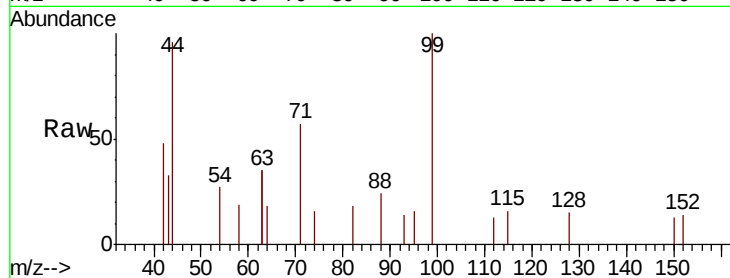
Tot Ion: 99 Resp: 958

Ion Ratio Lower Upper

99 100

42 28.4 26.3 39.5

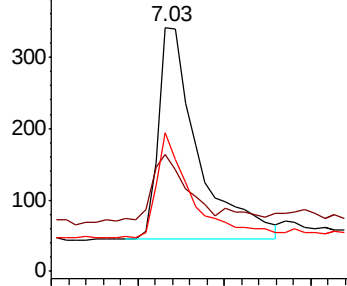
71 44.2 33.6 50.4



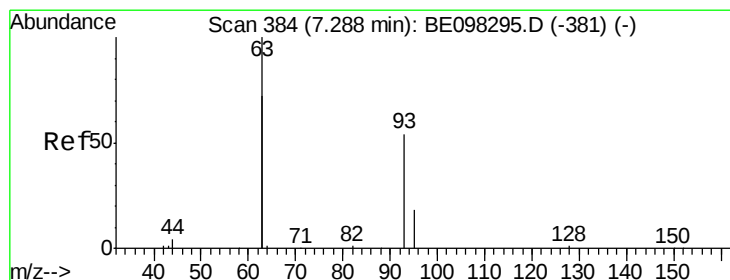
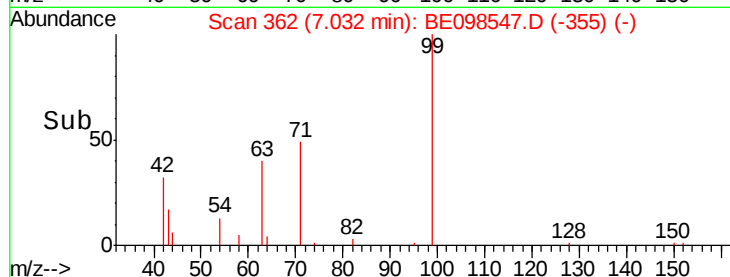
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

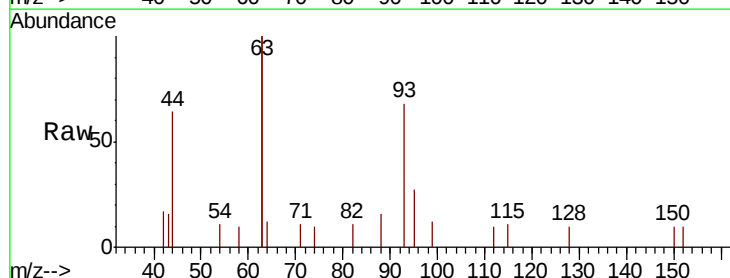
Tgt Ion: 93 Resp: 816

Ion Ratio Lower Upper

93 100

63 295.8 264.4 396.6

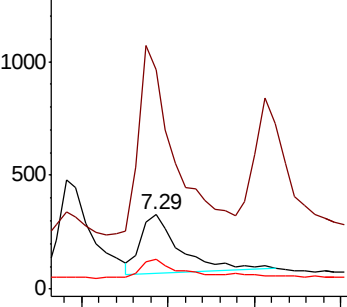
95 32.7 26.6 40.0



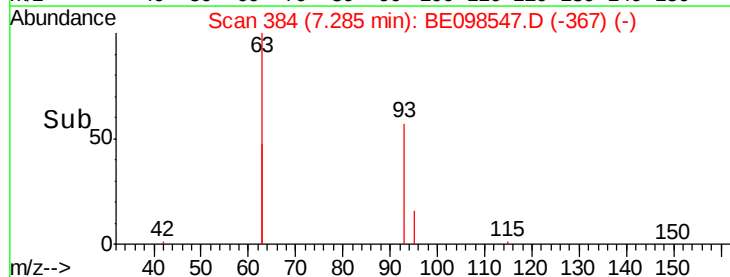
Abundance Ion 93.00 (92.70 to 93.70): BE0

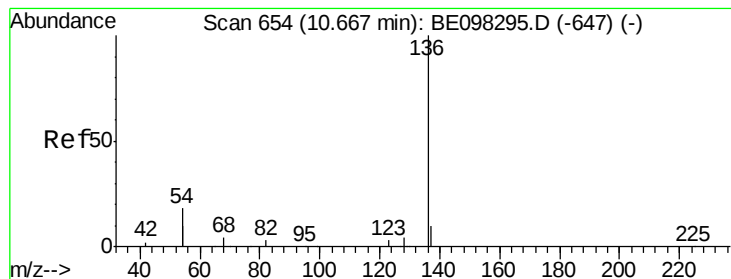
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3674

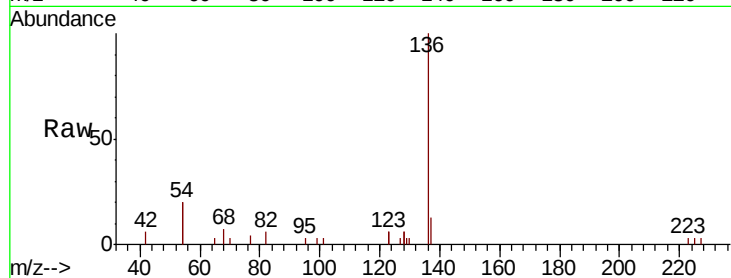
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 39.0 28.4 42.6

68 6.6 5.4 8.0

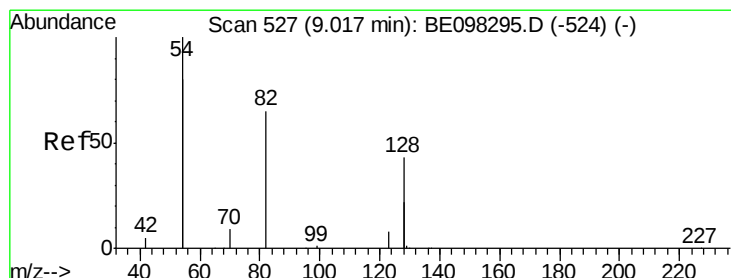
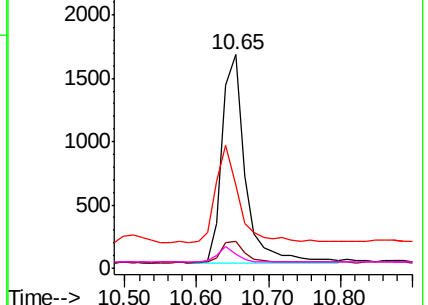
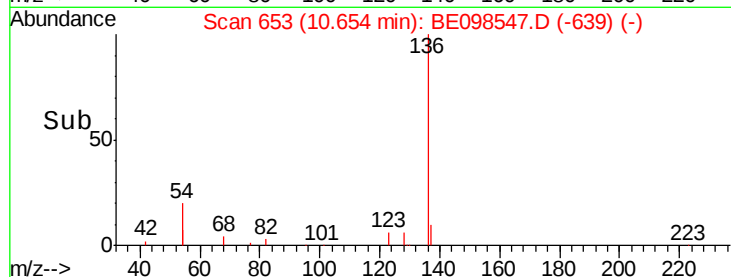


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

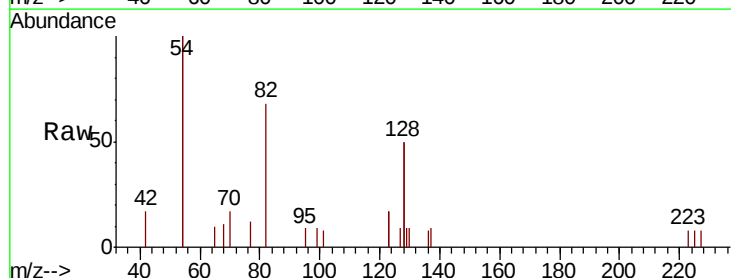
Tgt Ion: 82 Resp: 1135

Ion Ratio Lower Upper

82 100

128 146.4 102.4 153.6

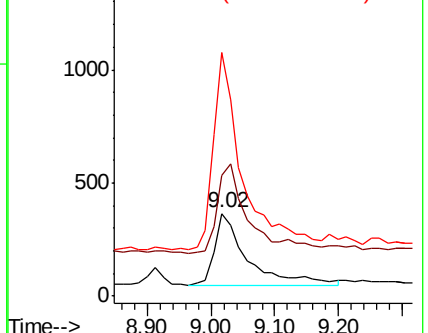
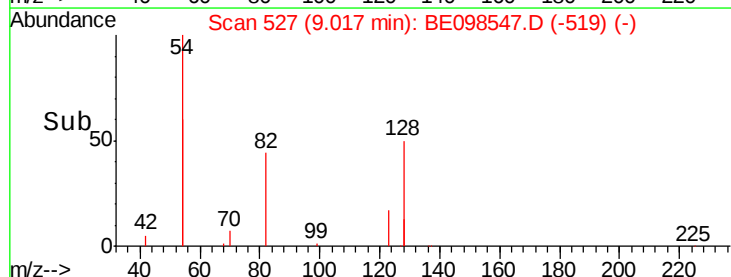
54 294.0 221.8 332.8



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: 0.379 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

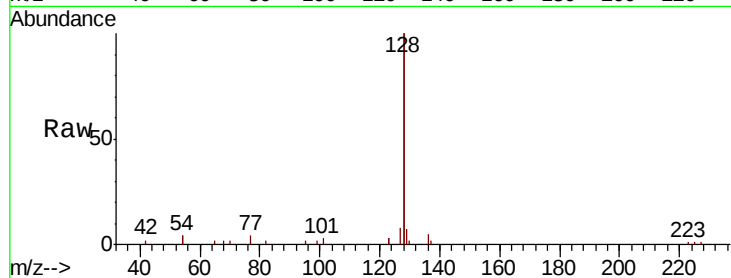
Tot Ion:128 Resp: 14005

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

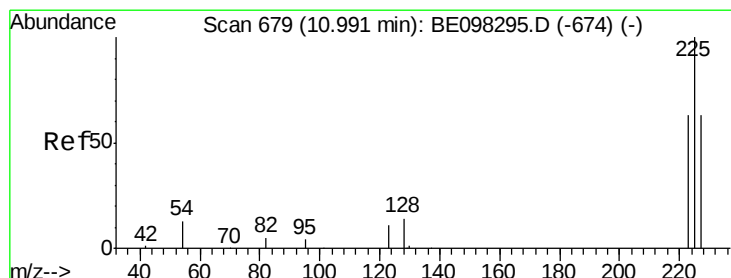
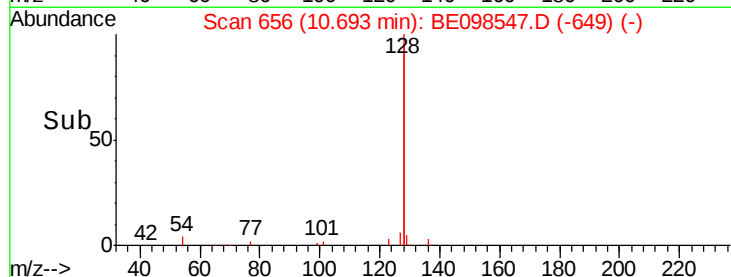
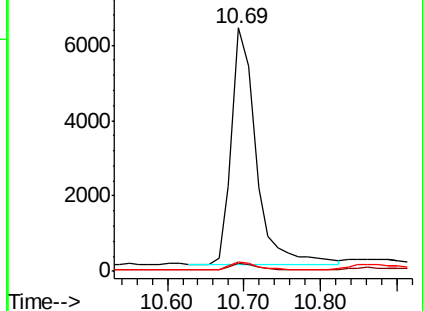
127 3.9 2.7 4.1



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: 0.408 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

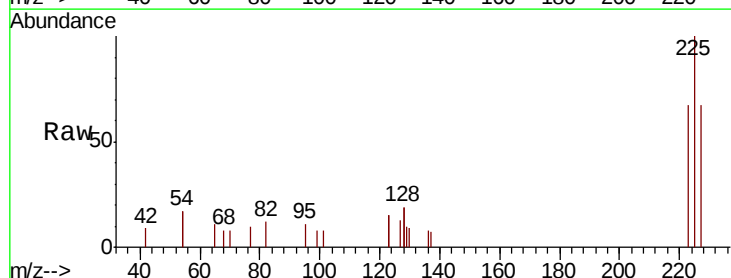
Tgt Ion:225 Resp: 960

Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.0

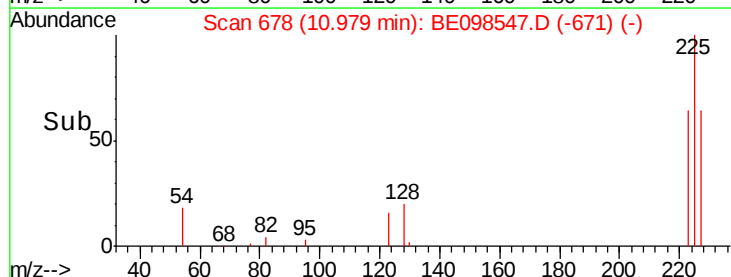
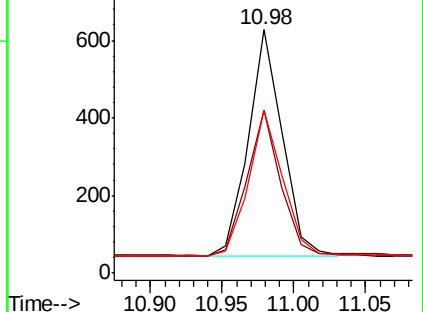
227 65.0 52.0 78.0



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: 0.407 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

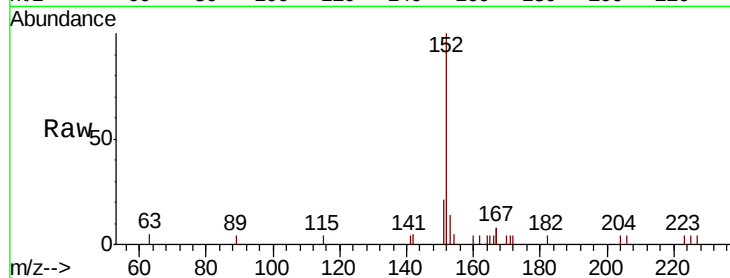
ClientSampled :

Tot Ion:152 Resp: 2434

Ion Ratio Lower Upper

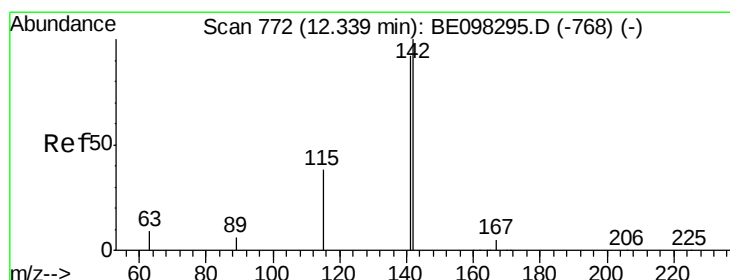
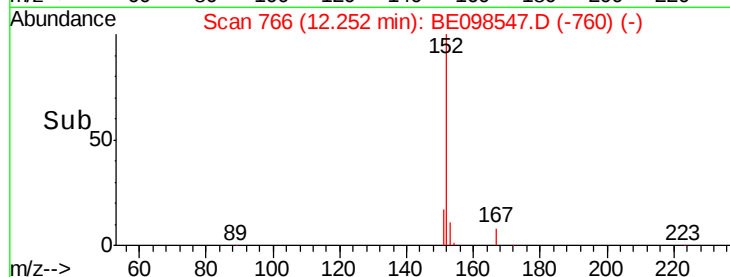
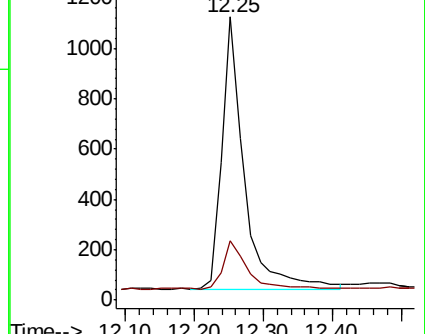
152 100

151 18.1 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: 0.392 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

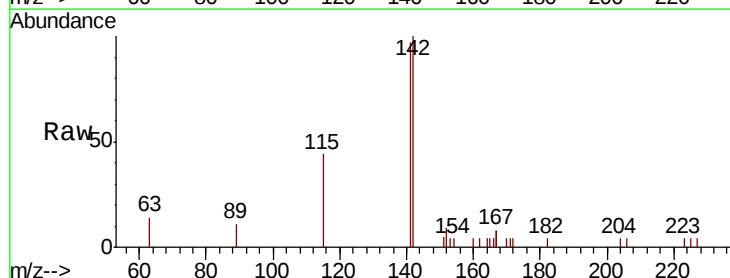
Tgt Ion:142 Resp: 2355

Ion Ratio Lower Upper

142 100

141 96.5 71.0 106.6

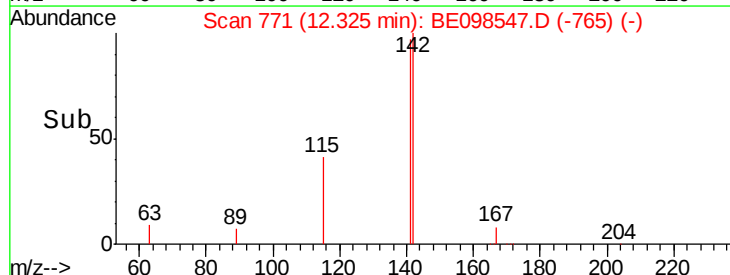
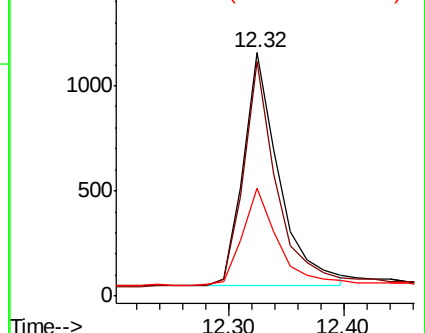
115 44.2 32.2 48.2



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

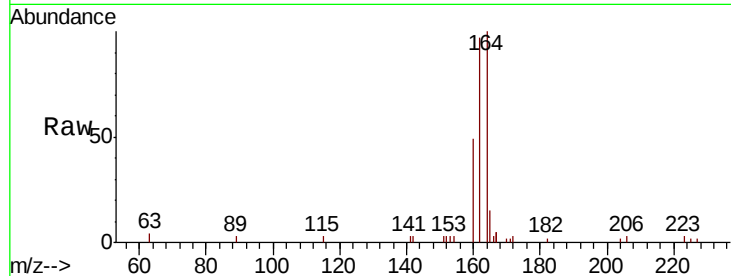
Tot Ion:164 Resp: 2878

Ion Ratio Lower Upper

164 100

162 97.2 77.6 116.4

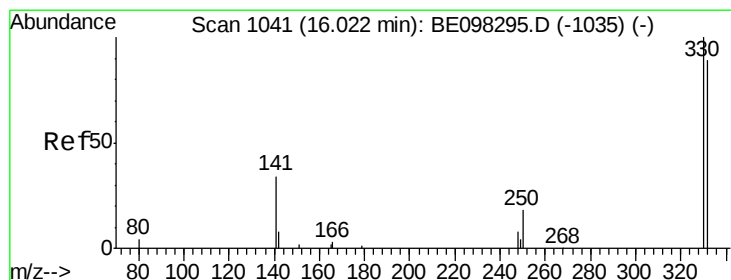
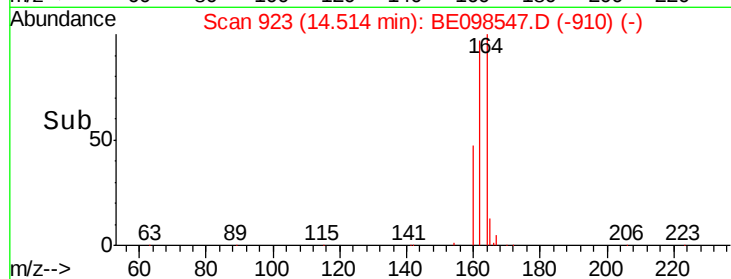
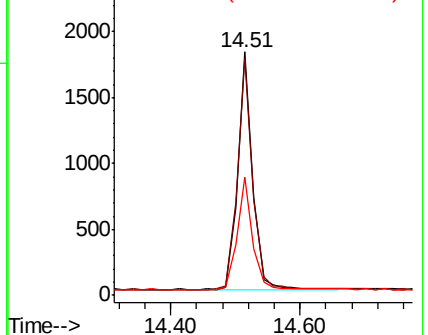
160 48.6 36.0 54.0



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: 0.434 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

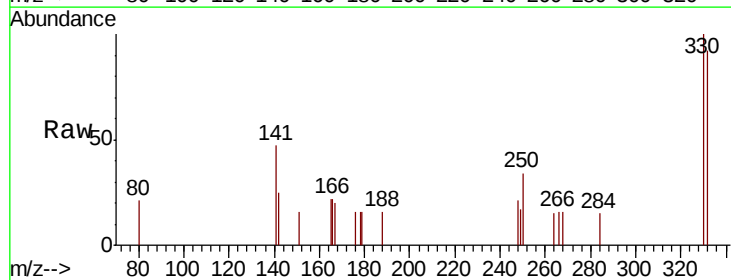
Tgt Ion:330 Resp: 459

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

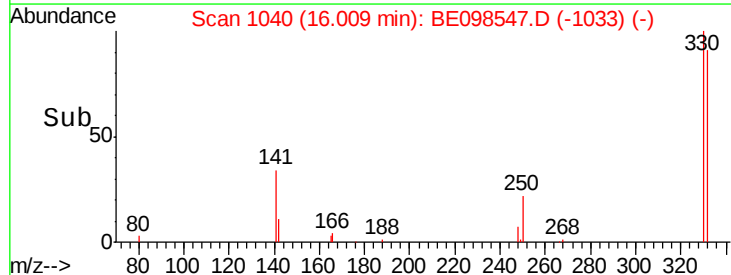
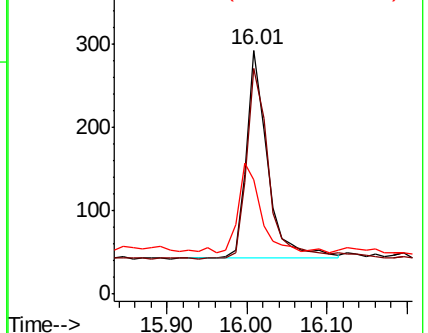
141 44.0 39.0 58.4



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

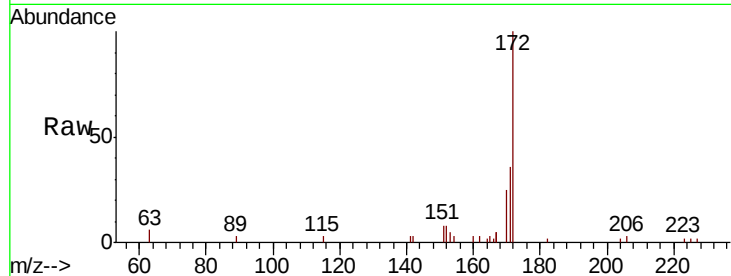




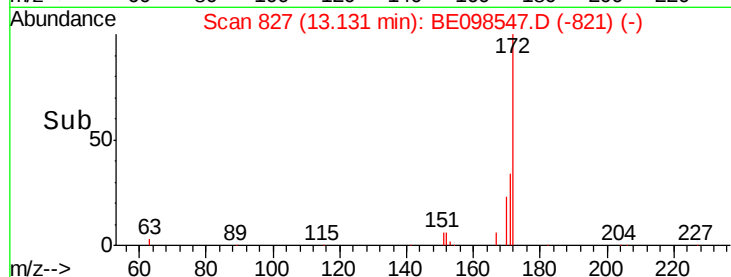
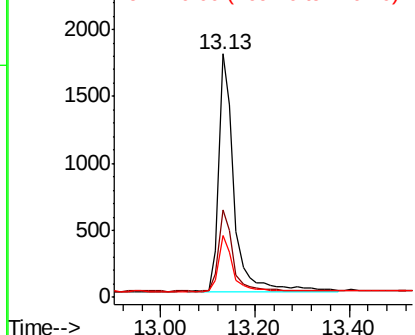
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3981
Ion Ratio Lower Upper
172 100
171 36.0 27.5 41.3
170 25.2 19.6 29.4

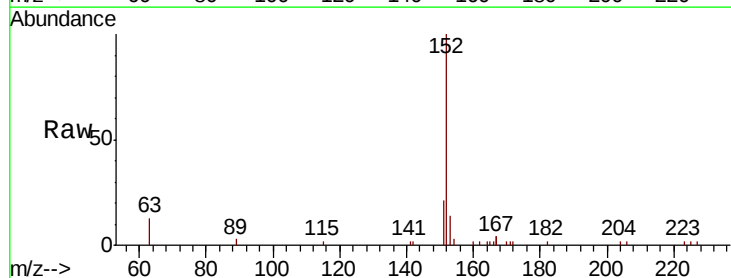


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

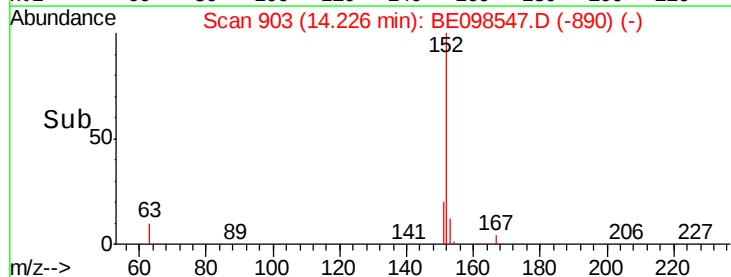
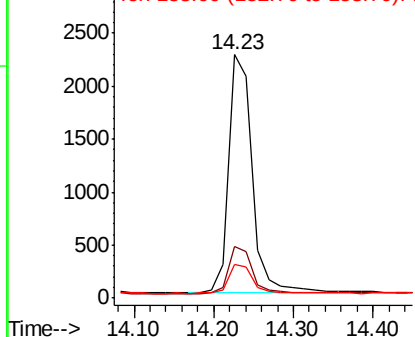


#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:152 Resp: 4608
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.5 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: 0.366 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampled :

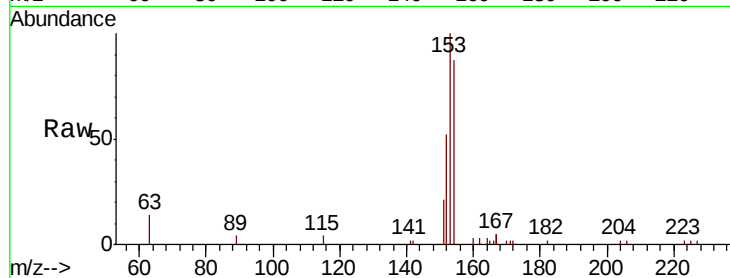
Tot Ion:154 Resp: 2967

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

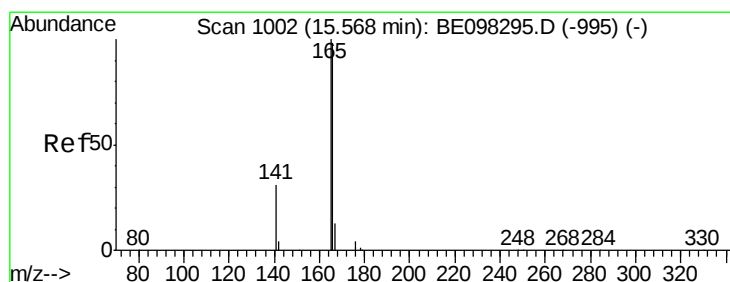
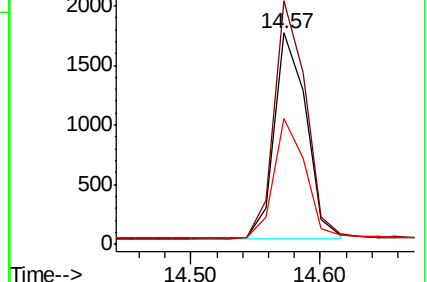
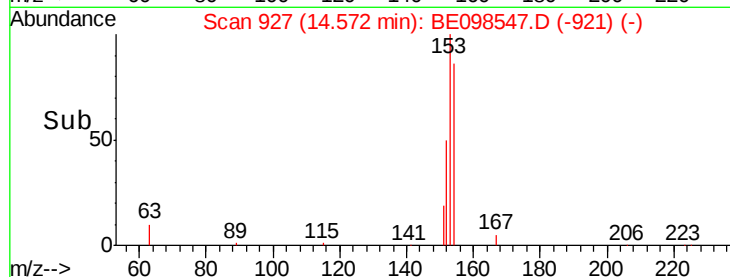
152 57.3 45.5 68.3



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: 0.372 ng

RT: 15.55 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

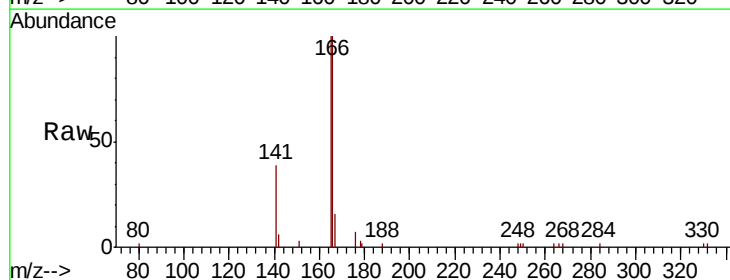
Tgt Ion:166 Resp: 4035

Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

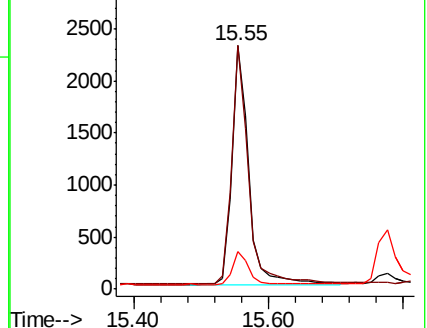
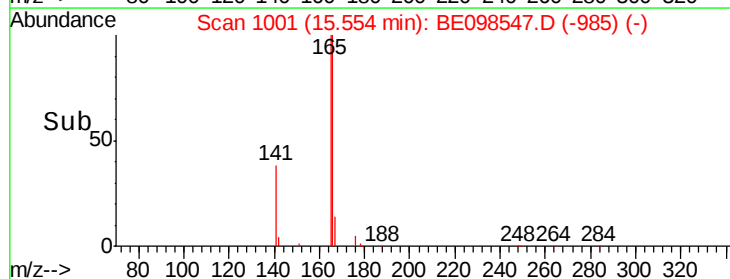
167 13.5 11.3 16.9



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampled :

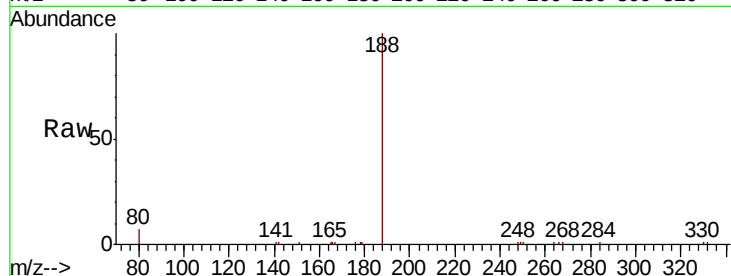
Tot Ion:188 Resp: 8065

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

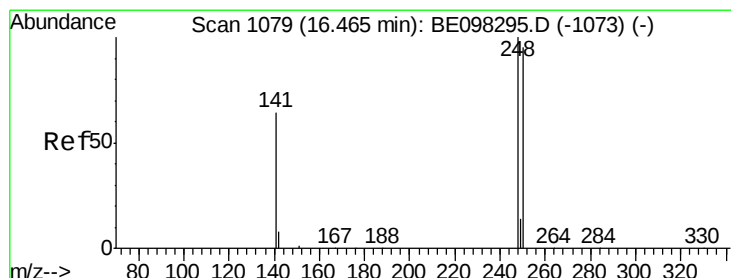
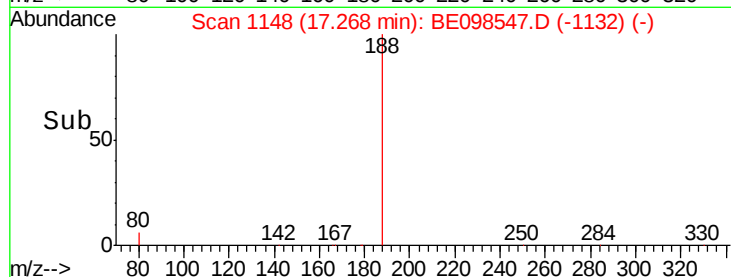
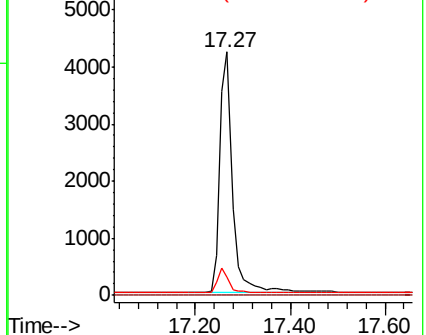
80 7.4 7.2 10.8



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: 0.354 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

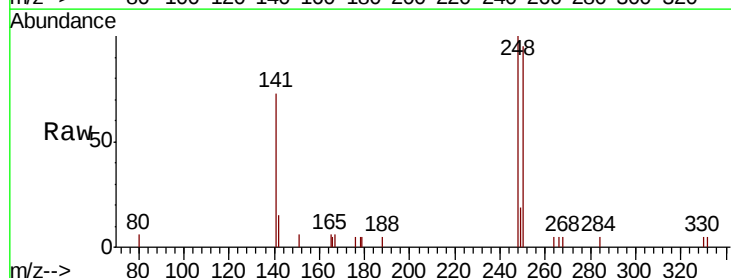
Tgt Ion:248 Resp: 1538

Ion Ratio Lower Upper

248 100

250 95.0 71.0 106.6

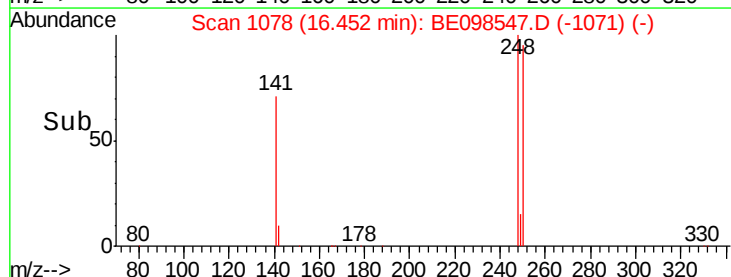
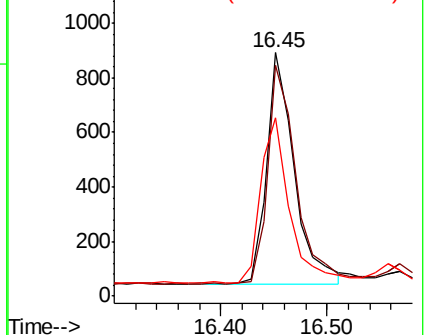
141 73.1 62.1 93.1

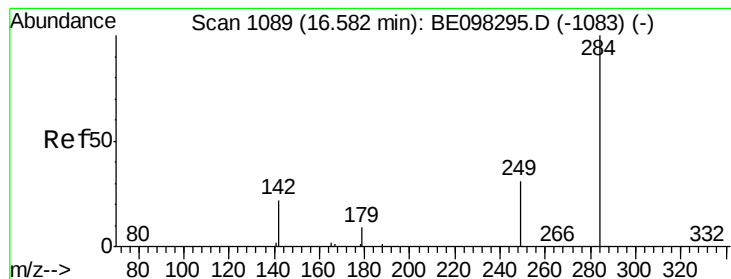


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

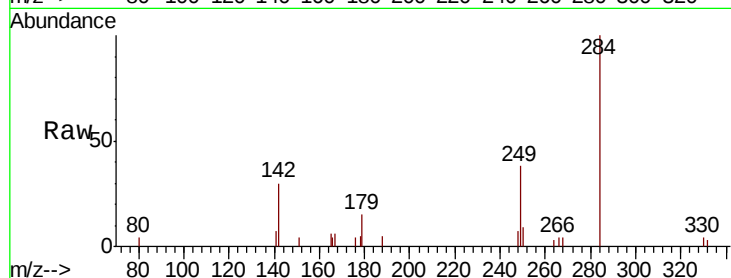
Tot Ion:284 Resp: 1776

Ion Ratio Lower Upper

284 100

142 34.9 26.3 39.5

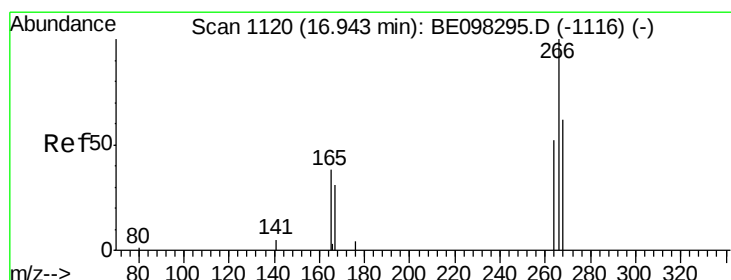
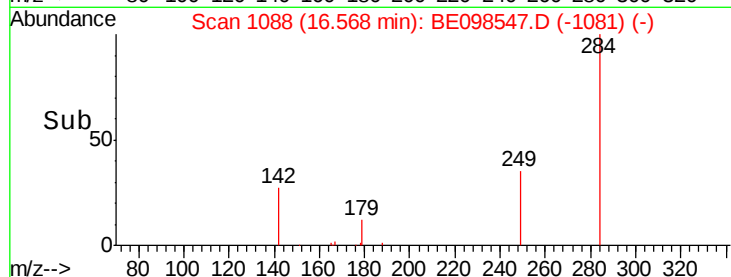
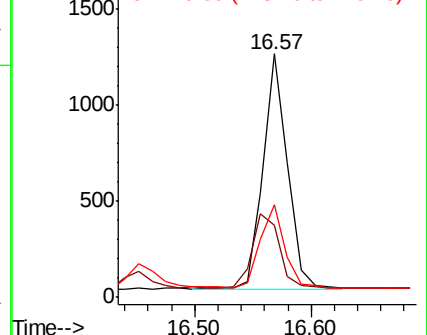
249 35.6 26.0 39.0



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: 0.571 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

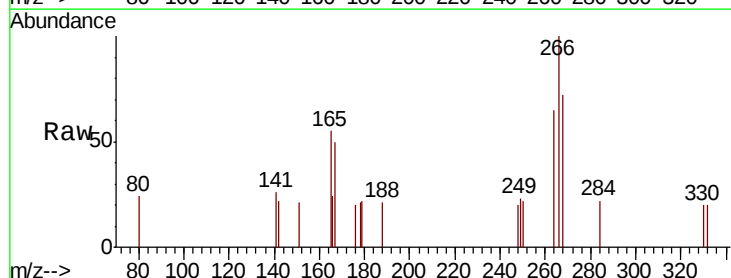
Tgt Ion:266 Resp: 455

Ion Ratio Lower Upper

266 100

264 65.0 59.0 88.4

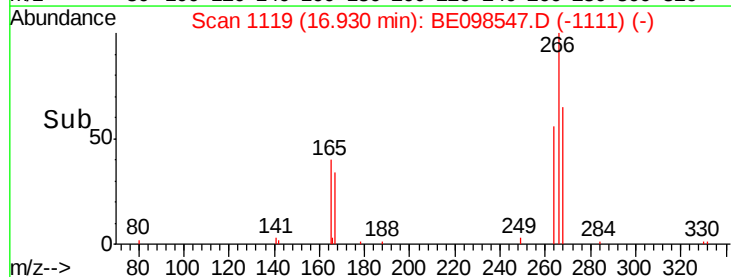
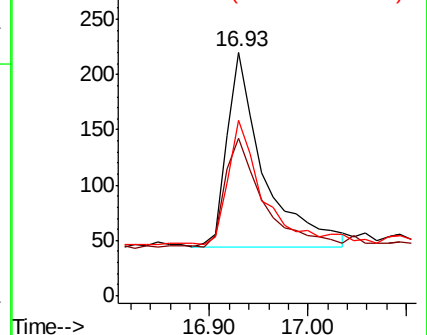
268 72.3 55.1 82.7



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: 0.363 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

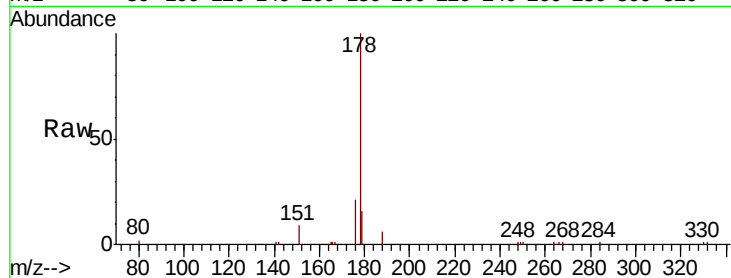
Tot Ion:178 Resp: 7110

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

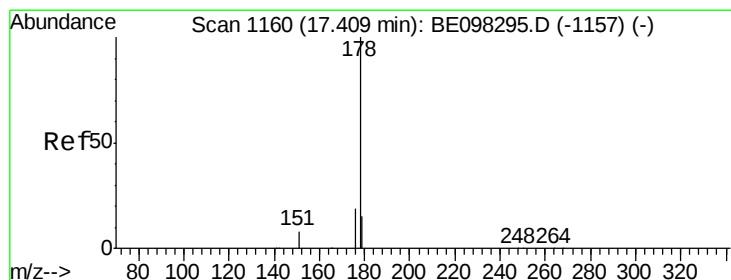
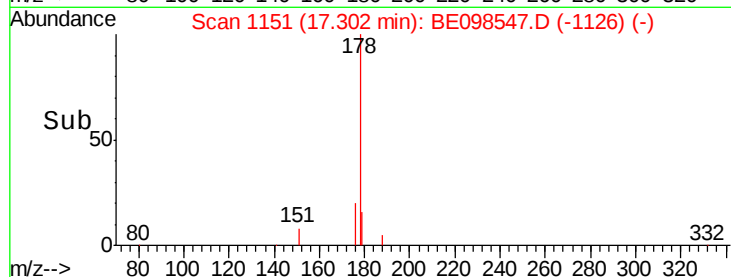
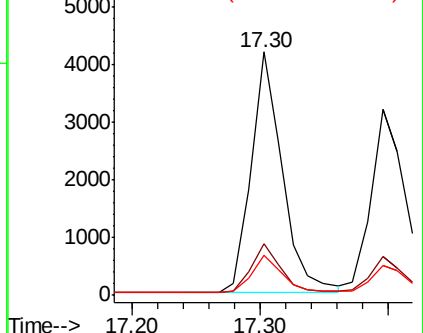
179 15.6 12.3 18.5



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



#24

Anthracene

Concen: 0.335 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

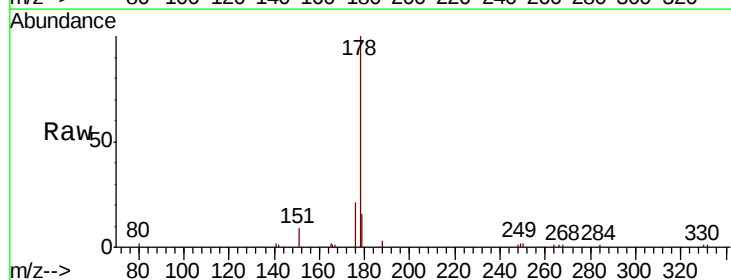
Tgt Ion:178 Resp: 5856

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

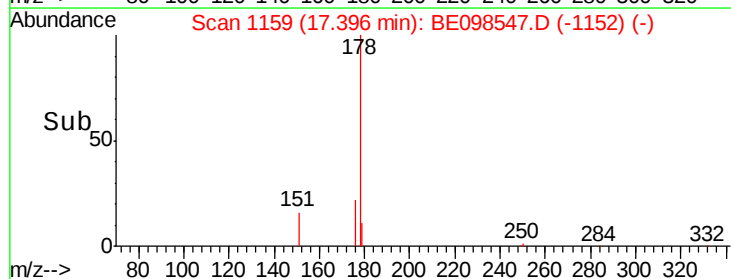
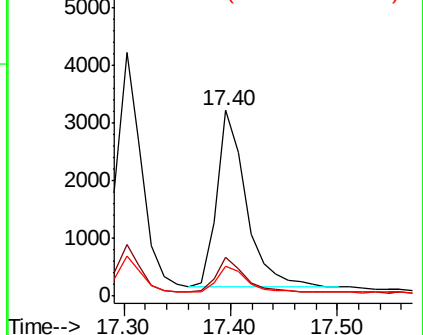
179 15.4 12.3 18.5



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

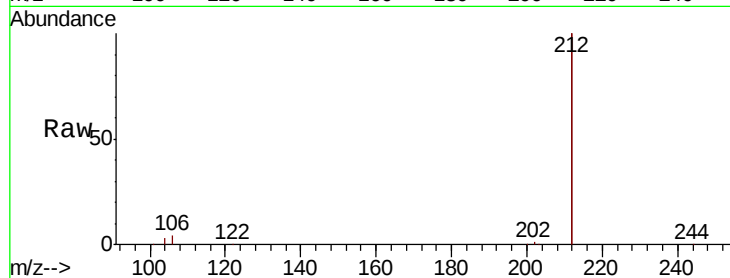




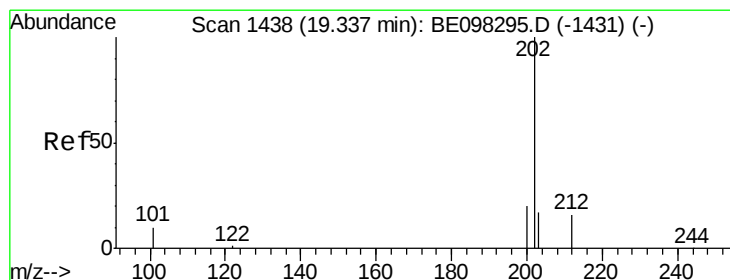
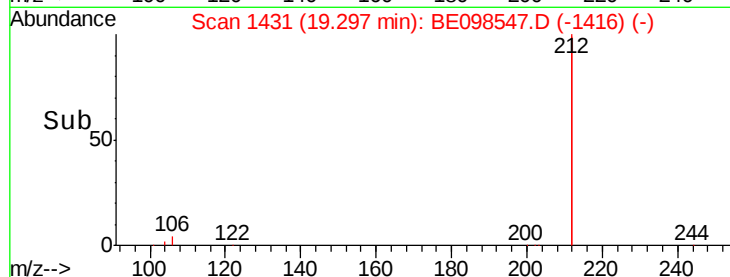
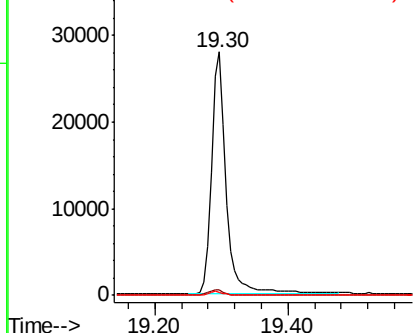
#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098547.D
 Acq: 21 Dec 2018 9:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 42128
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 1.3 1.9

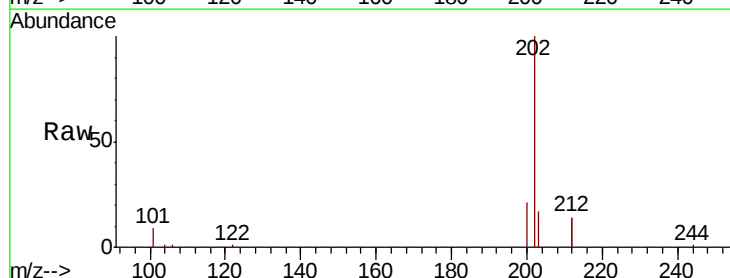


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

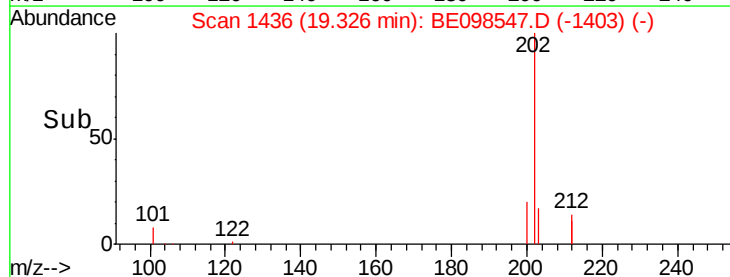
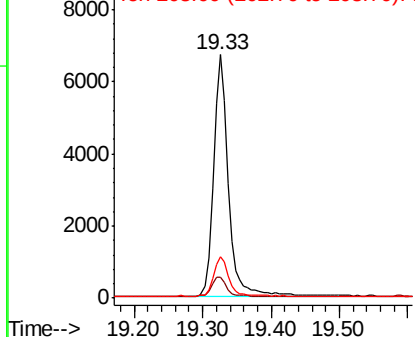


#26
 Fluoranthene
 Concen: 0.395 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE098547.D
 Acq: 21 Dec 2018 9:33

Tgt Ion:202 Resp: 10232
 Ion Ratio Lower Upper
 202 100
 101 8.5 8.0 12.0
 203 16.4 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

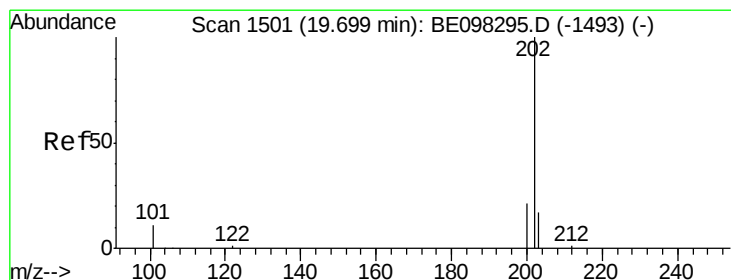
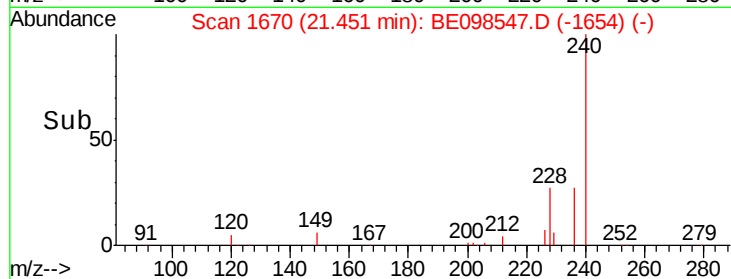
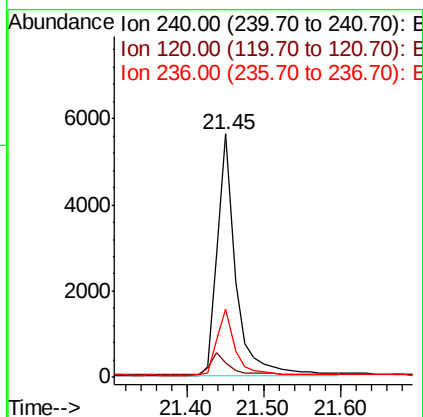
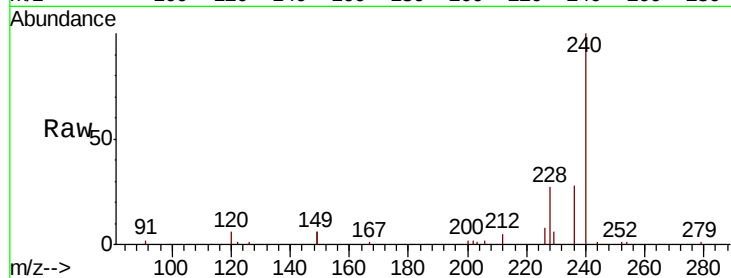




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

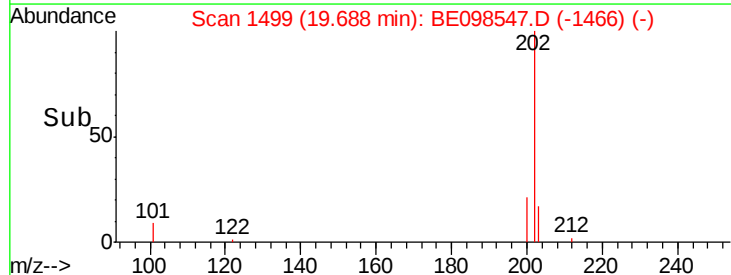
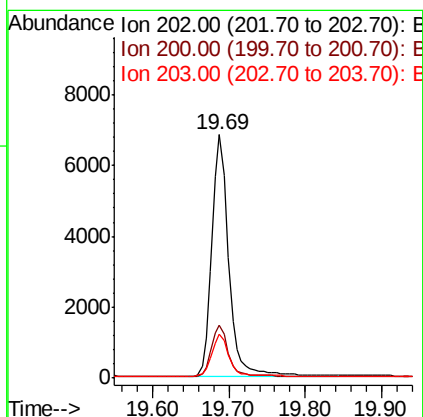
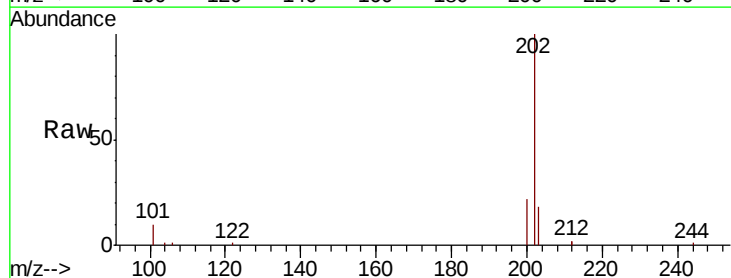
Instrument :
BNA_E
ClientSampleId :

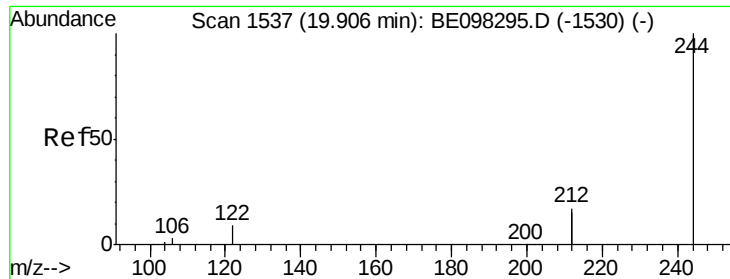
Tot Ion:240 Resp: 9409
Ion Ratio Lower Upper
240 100
120 6.0 9.5 14.3#
236 27.9 22.7 34.1



#28
Pyrene
Concen: 0.355 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:202 Resp: 10483
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.356 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

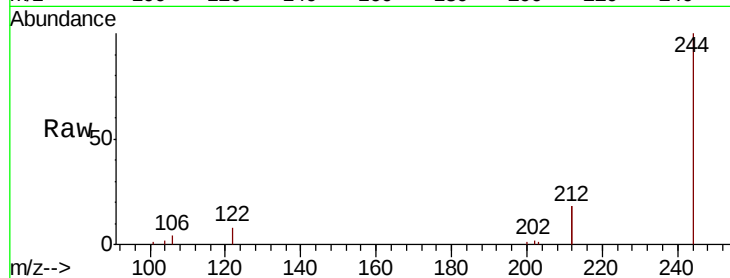
Tot Ion:244 Resp: 8135

Ion Ratio Lower Upper

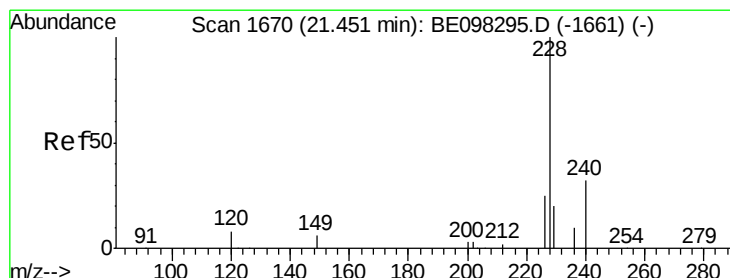
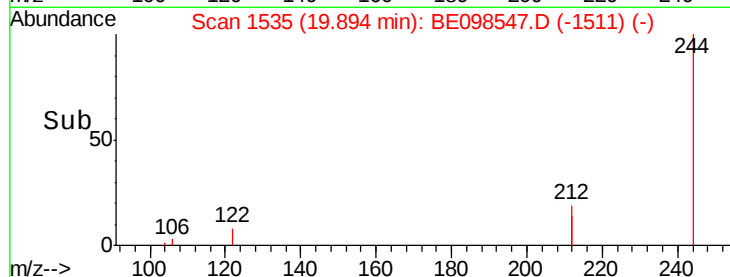
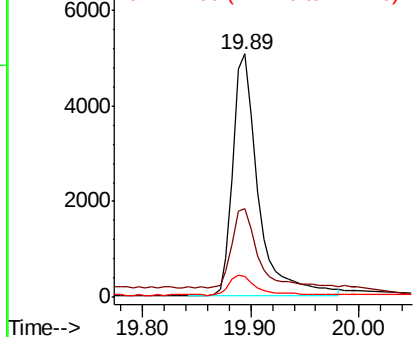
244 100

212 36.7 27.4 41.0

122 8.5 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: 0.348 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

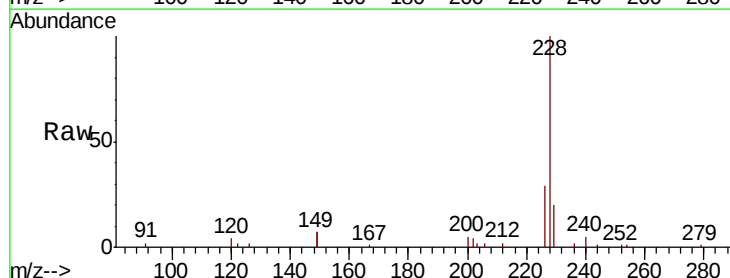
Tgt Ion:228 Resp: 9331

Ion Ratio Lower Upper

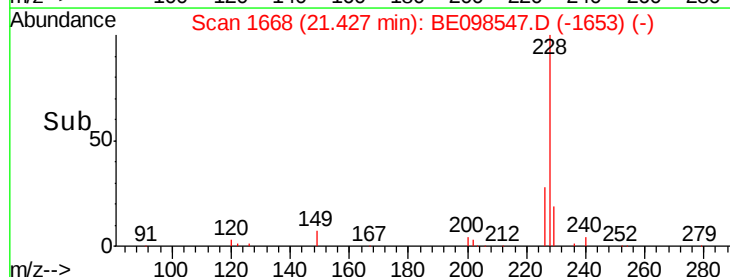
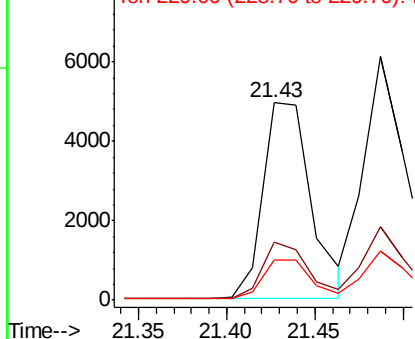
228 100

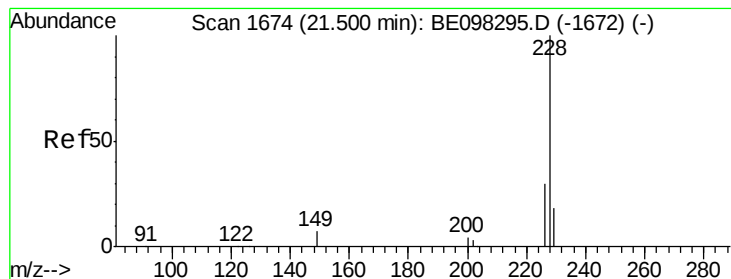
226 29.3 21.8 32.8

229 20.1 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: 0.362 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

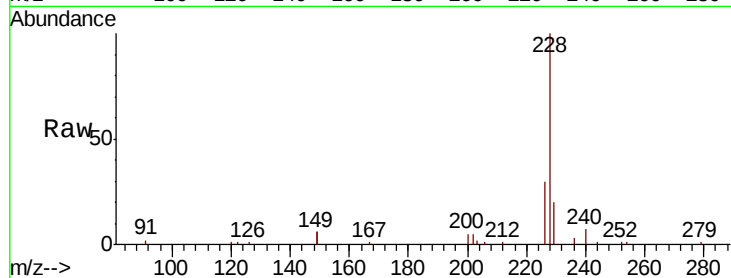
Tot Ion:228 Resp: 10155

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 20.3 16.2 24.4

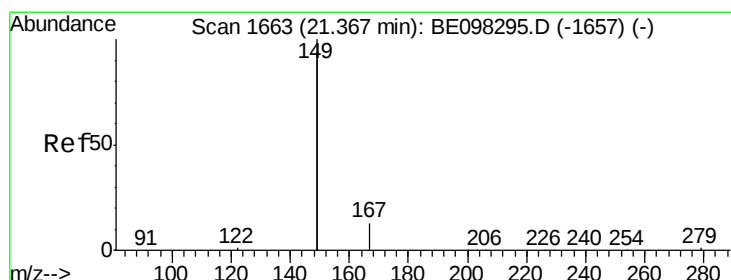
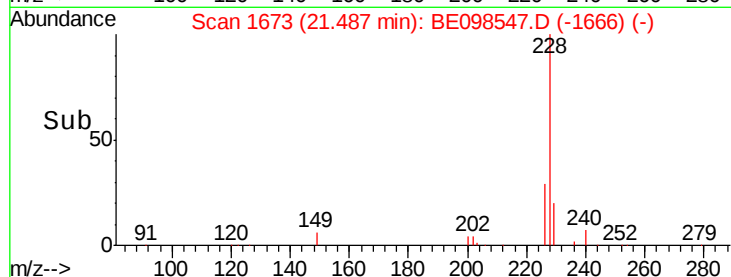
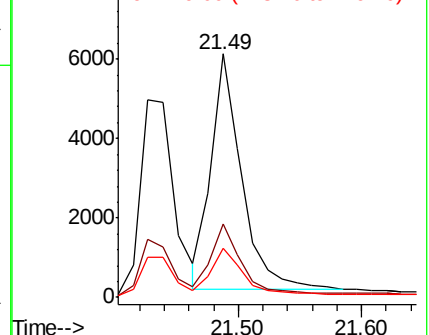


Abundance

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: 0.327 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

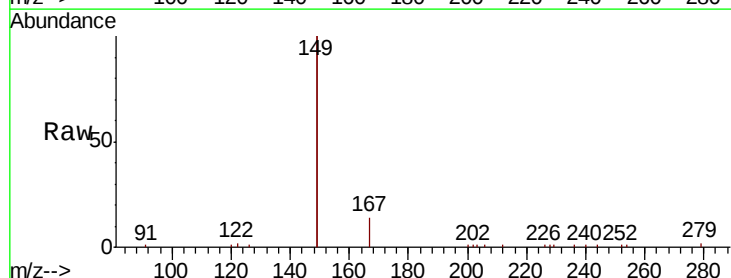
Tgt Ion:149 Resp: 17814

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

279 1.0 1.0 1.4

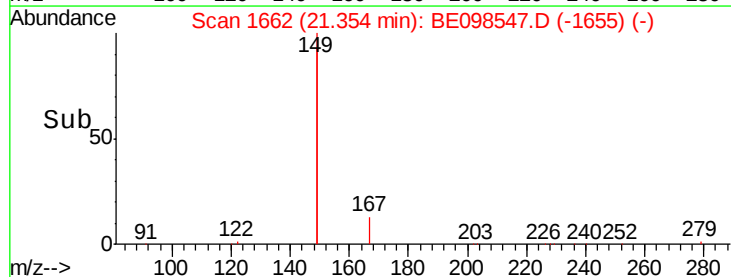
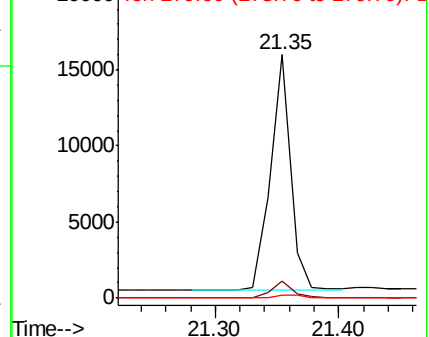


Abundance

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

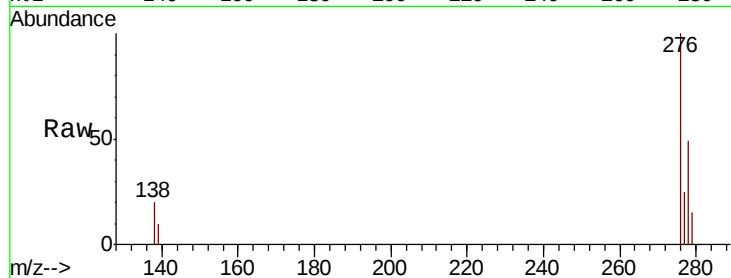




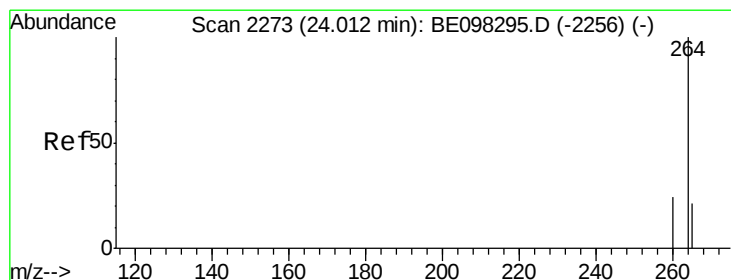
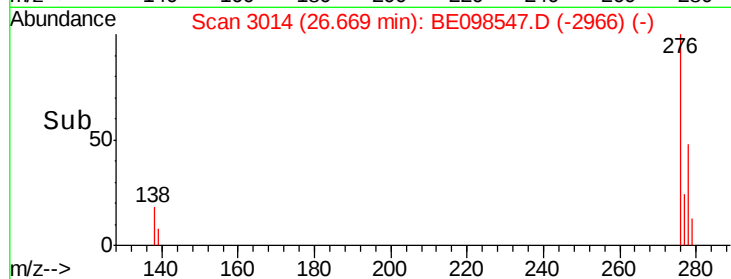
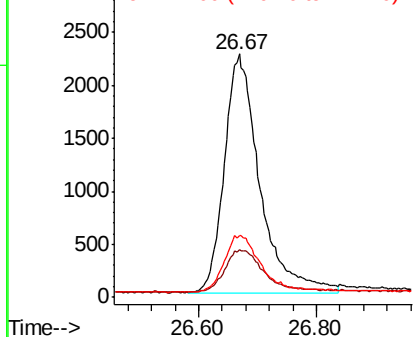
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.335 ng
 RT: 26.67 min Scan# 3014
 Delta R.T. -0.03 min
 Lab File: BE098547.D
 Acq: 21 Dec 2018 9:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 9369
 Ion Ratio Lower Upper
 276 100
 138 18.7 16.3 24.5
 277 23.9 20.2 30.4

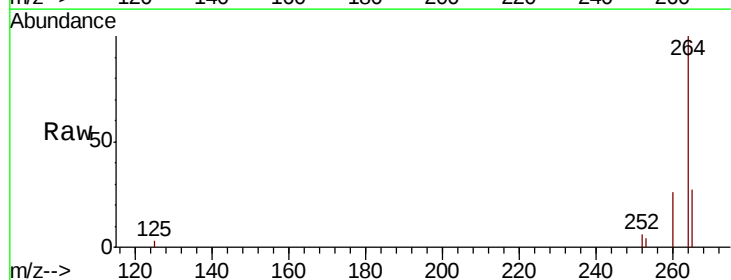


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

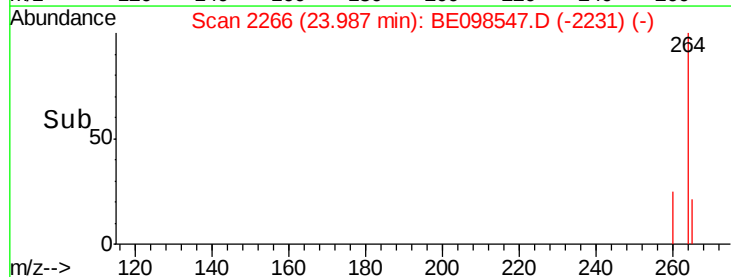
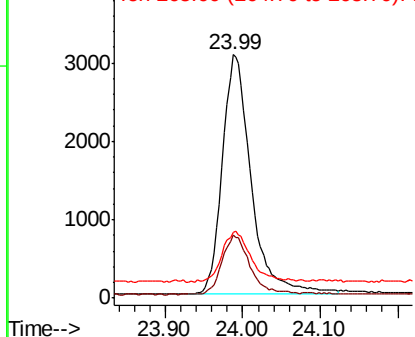


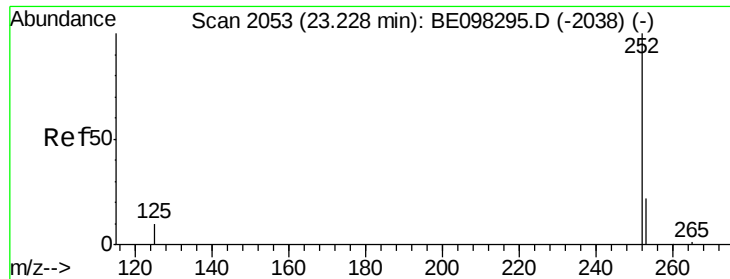
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BE098547.D
 Acq: 21 Dec 2018 9:33

Tgt Ion:264 Resp: 7904
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 27.1 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

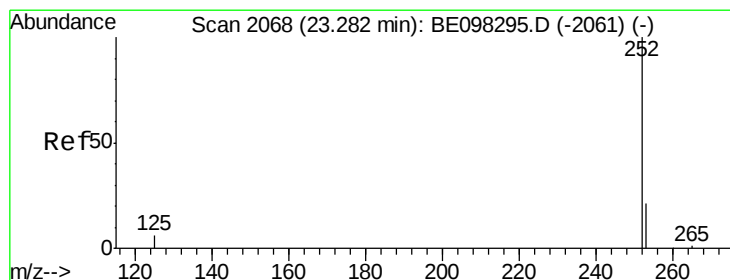
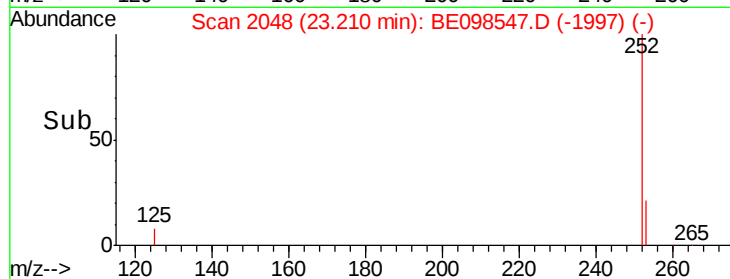
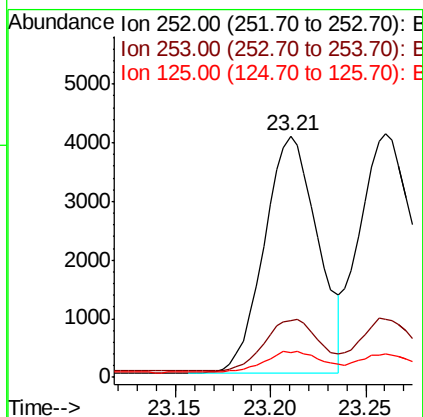
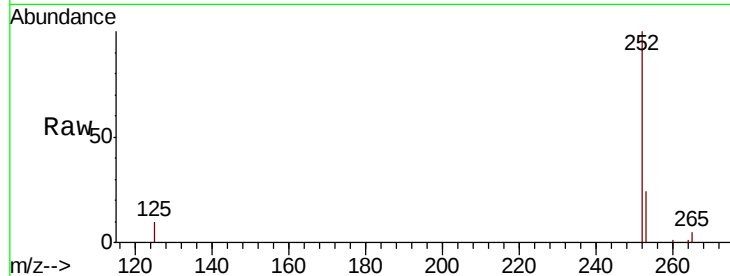




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

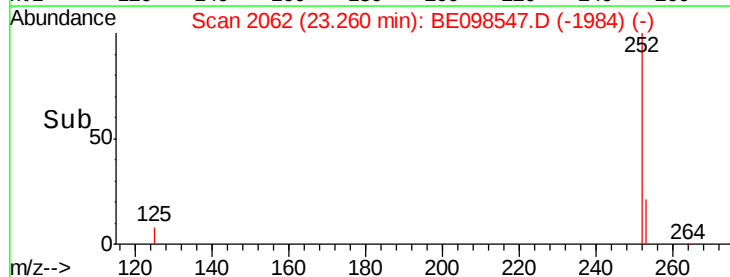
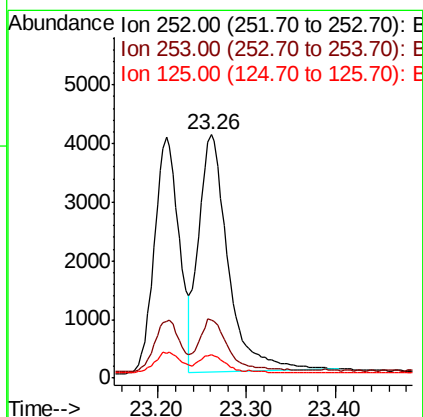
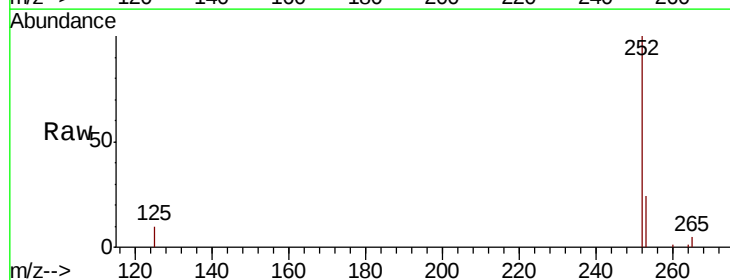
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7913
Ion Ratio Lower Upper
252 100
253 23.6 20.0 30.0
125 10.3 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.26 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BE098547.D
Acq: 21 Dec 2018 9:33

Tgt Ion:252 Resp: 9285
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 9.7 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.87 min Scan# 2233

Delta R.T. -0.03 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :

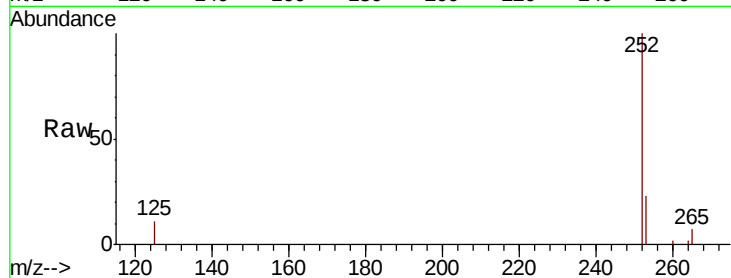
Tot Ion:252 Resp: 8091

Ion Ratio Lower Upper

252 100

253 23.4 20.6 30.8

125 10.9 10.5 15.7

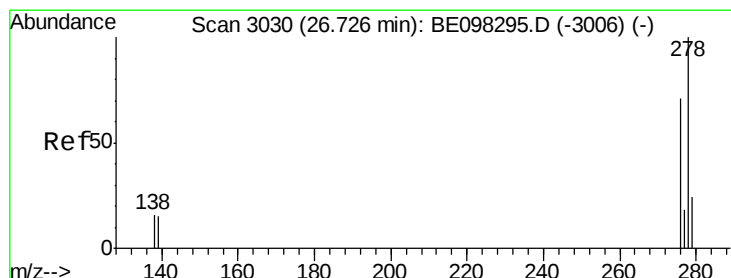
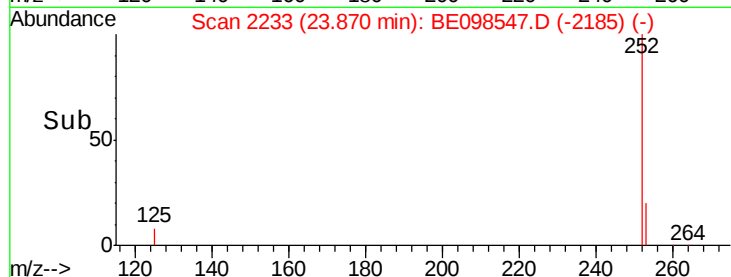
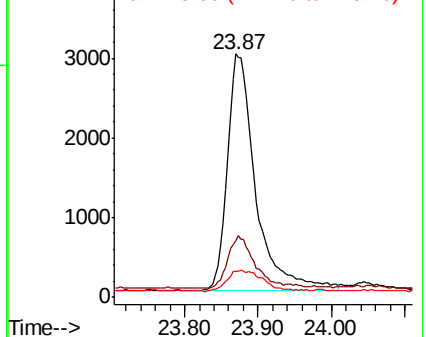


Abundance

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: 0.368 ng

RT: 26.69 min Scan# 3020

Delta R.T. -0.04 min

Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

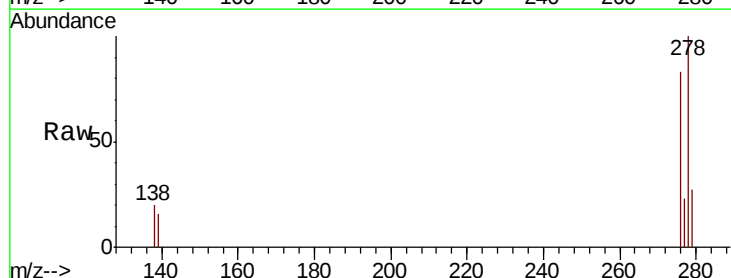
Tgt Ion:278 Resp: 7738

Ion Ratio Lower Upper

278 100

139 15.8 14.5 21.7

279 27.2 21.8 32.8

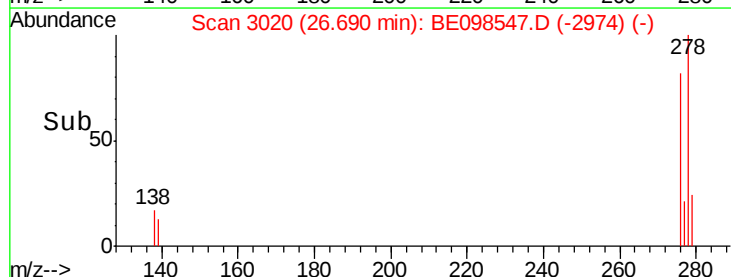
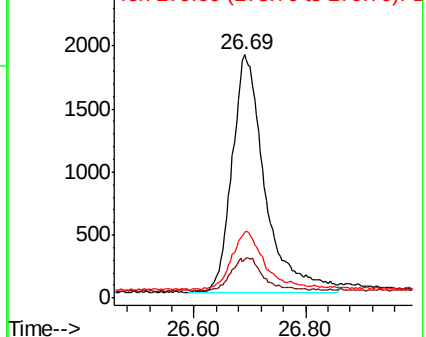


Abundance

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: 0.371 ng

RT: 27.49 min Scan# 3243

Delta R.T. -0.04 min

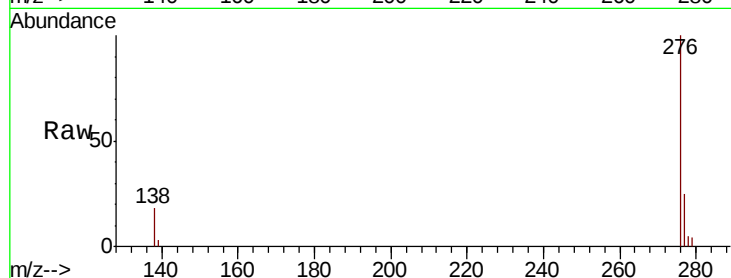
Lab File: BE098547.D

Acq: 21 Dec 2018 9:33

Instrument :

BNA_E

ClientSampleId :



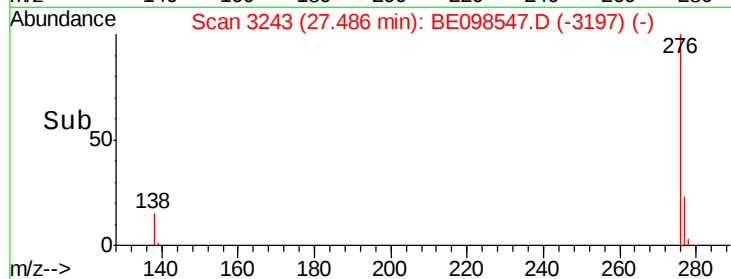
Tot Ion: 276 Resp: 7860

Ion Ratio Lower Upper

276 100

277 24.7 20.8 31.2

138 17.7 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

