

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098981.D
 Acq On : 15 Mar 2019 21:06
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 16 00:52:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	888	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3917	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2592	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6178	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6801	0.40	ng	0.00
34) Perylene-d12	23.90	264	6600	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	845	0.32	ng	0.02
5) Phenol-d6	7.00	99	1244	0.33	ng	0.01
8) Nitrobenzene-d5	8.98	82	1288	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2835	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	352	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4005	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	33754	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	6382	0.39	ng	0.00

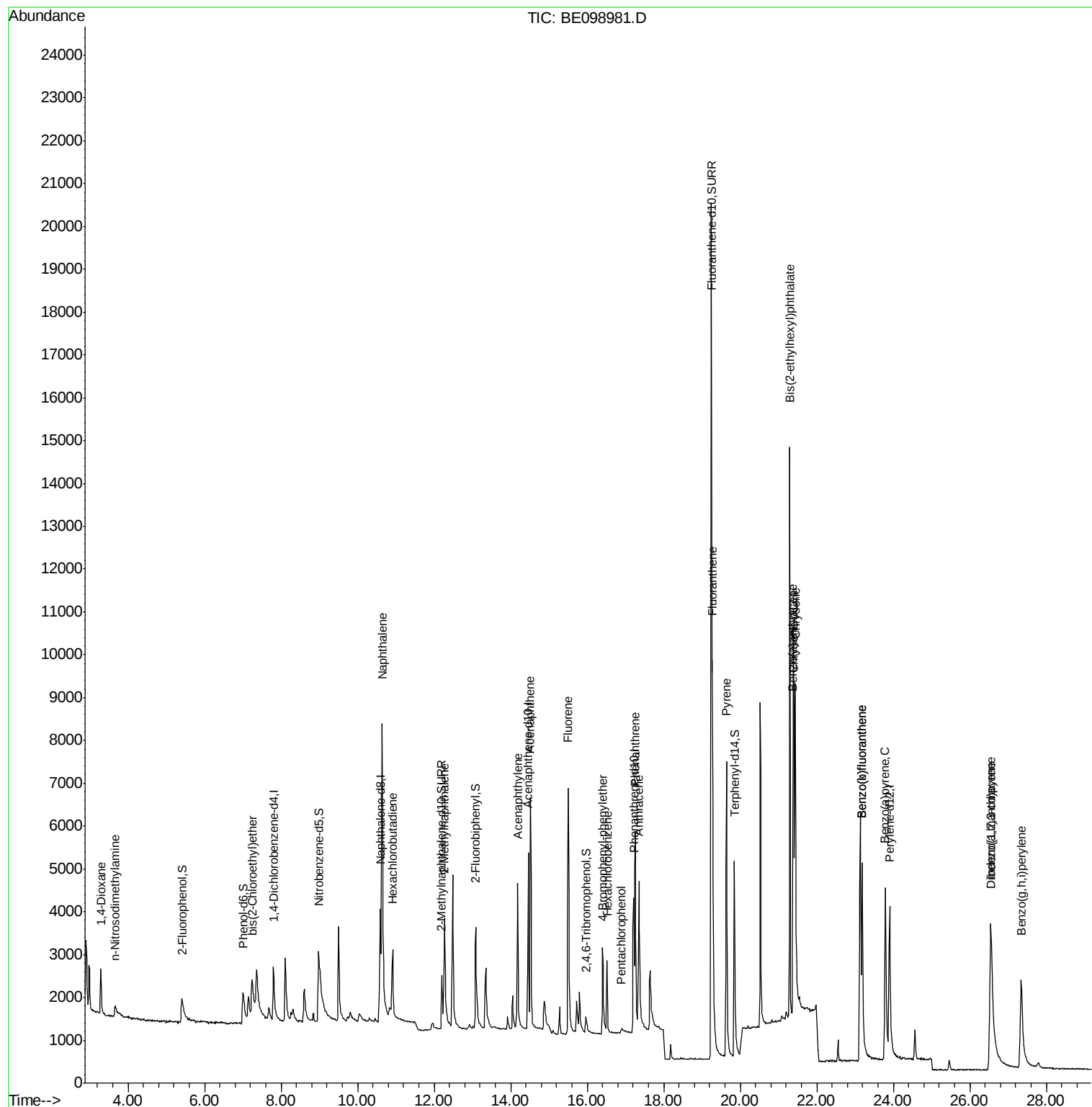
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	784	0.469	ng	96
3) n-Nitrosodimethylamine	3.66	42	339	0.152	ng	# 72
6) bis(2-Chloroethyl)ether	7.24	93	886	0.306	ng	98
9) Naphthalene	10.64	128	17574	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	1113	0.375	ng	99
12) 2-Methylnaphthalene	12.27	142	2707	0.372	ng	99
16) Acenaphthylene	14.18	152	4947	0.371	ng	98
17) Acenaphthene	14.51	154	2929	0.370	ng	97
18) Fluorene	15.50	166	4130	0.362	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1322	0.395	ng	# 80
21) Hexachlorobenzene	16.52	284	1554	0.390	ng	98
22) Pentachlorophenol	16.89	266	147	0.373	ng	96
23) Phenanthrene	17.26	178	6585	0.375	ng	99
24) Anthracene	17.35	178	4865	0.324	ng	98
26) Fluoranthene	19.27	202	8436	0.340	ng	100
28) Pyrene	19.64	202	8572	0.412	ng	100
30) Benzo(a)anthracene	21.38	228	7647	0.360	ng	100
31) Chrysene	21.44	228	8677	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14481	0.321	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8352	0.348	ng	96
35) Benzo(b)fluoranthene	23.18	252	8459	0.390	ng	98
36) Benzo(k)fluoranthene	23.18	252	8459	0.372	ng	99
37) Benzo(a)pyrene	23.79	252	8255	0.397	ng	# 83
38) Dibenzo(a,h)anthracene	26.57	278	6173	0.314	ng	96
39) Benzo(g,h,i)perylene	27.34	276	7206	0.350	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: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

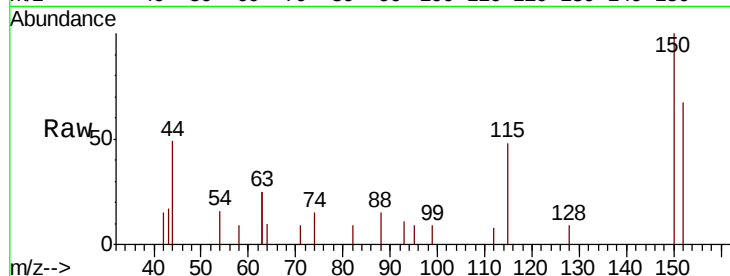
Tgt Ion: 152 Resp: 888

Ion Ratio Lower Upper

152 100

150 149.1 122.5 183.7

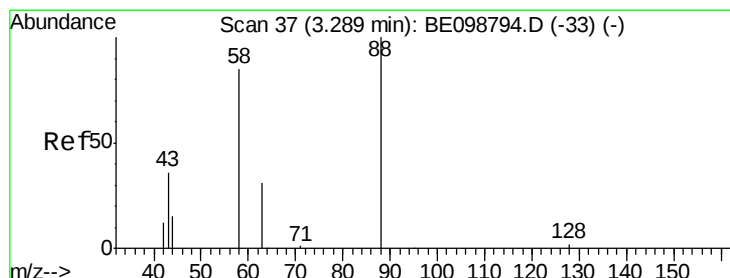
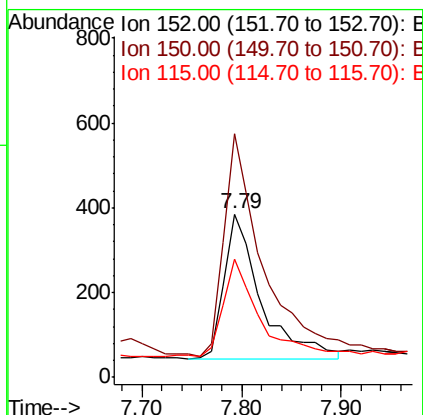
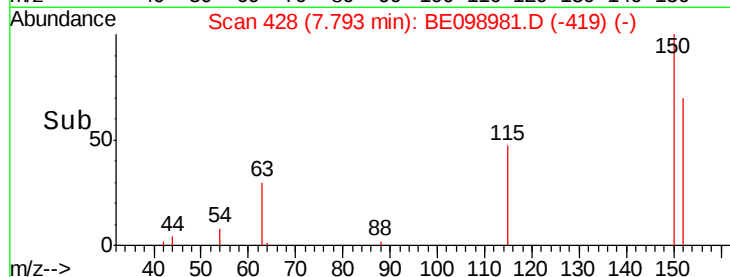
115 72.2 57.4 86.2



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: 0.469 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

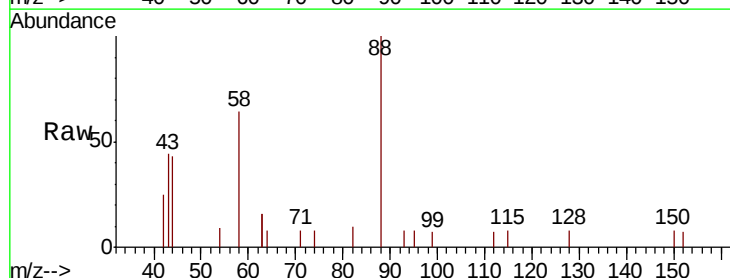
Tgt Ion: 88 Resp: 784

Ion Ratio Lower Upper

88 100

58 97.4 75.8 113.6

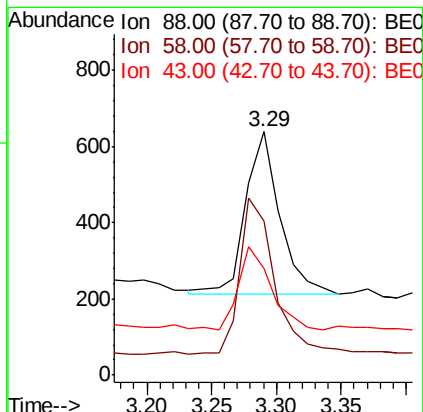
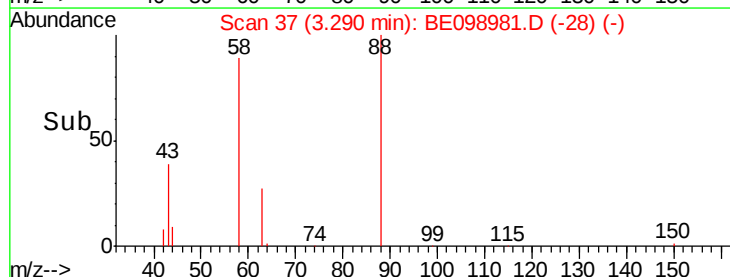
43 48.5 41.8 62.8



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

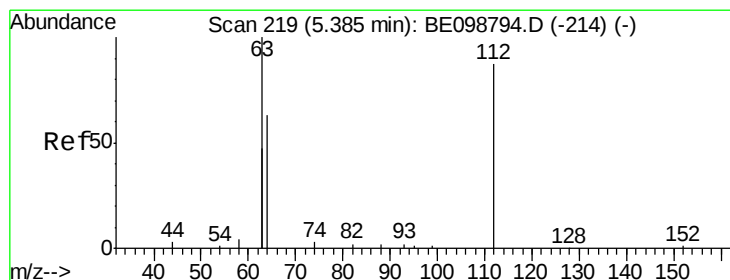
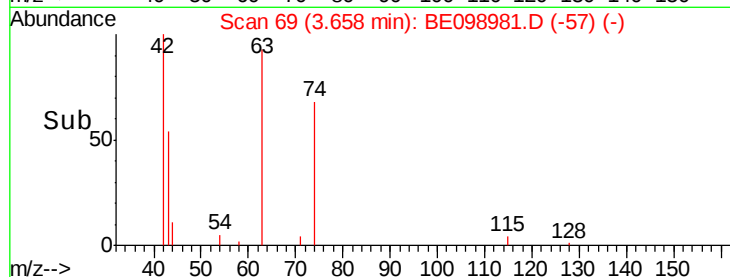
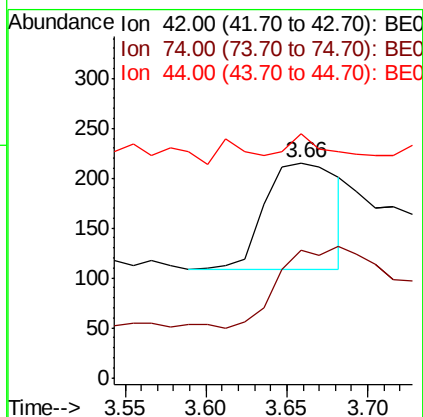
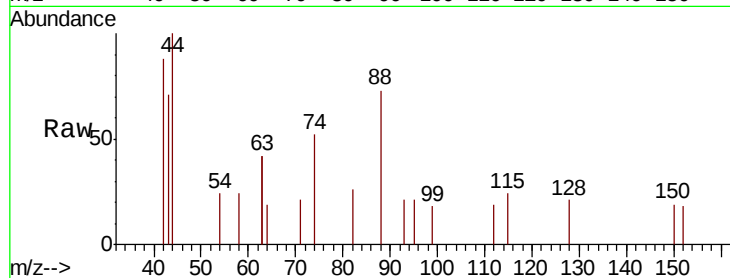




#3
 n-Nitrosodimethylamine
 Concen: 0.152 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.04 min
 Lab File: BE098981.D
 Acq: 15 Mar 2019 21:06

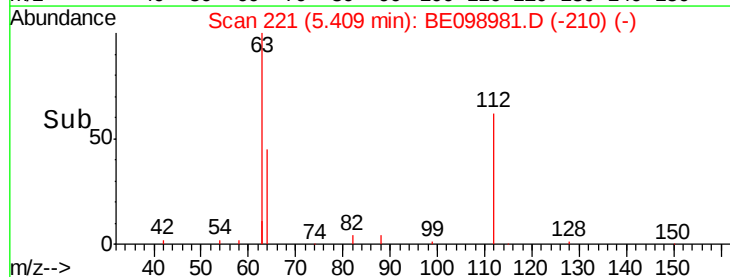
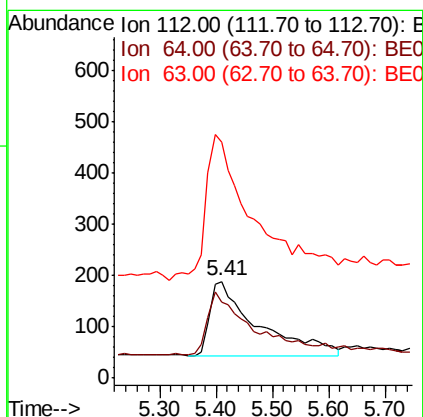
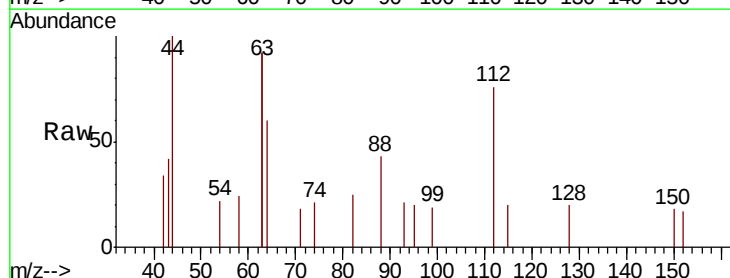
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 42 Resp: 339
 Ion Ratio Lower Upper
 42 100
 74 48.1 57.0 85.4#
 44 7.1 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.318 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098981.D
 Acq: 15 Mar 2019 21:06

Tgt Ion: 112 Resp: 845
 Ion Ratio Lower Upper
 112 100
 64 87.5 57.9 86.9#
 63 203.3 158.3 237.5





#5

Phenol-d6

Concen: 0.332 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

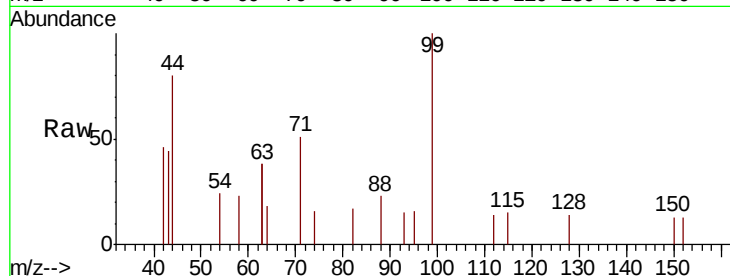
Tgt Ion: 99 Resp: 1244

Ion Ratio Lower Upper

99 100

42 29.3 24.2 36.2

71 49.8 35.7 53.5



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

7.00

400

300

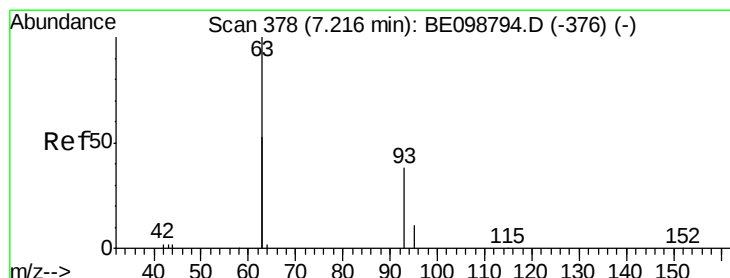
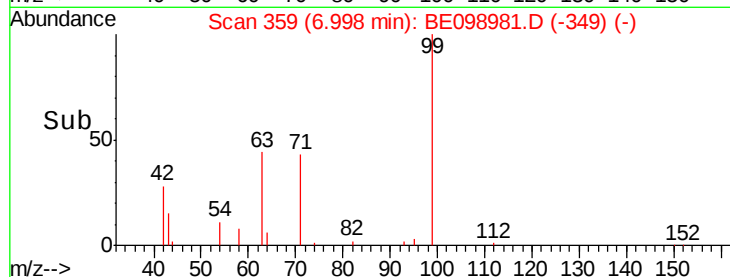
200

100

0

6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

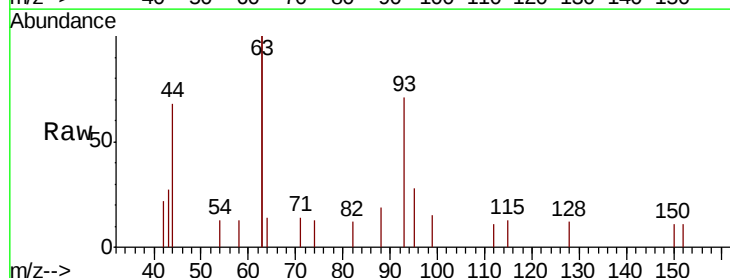
Tgt Ion: 93 Resp: 886

Ion Ratio Lower Upper

93 100

63 307.0 247.5 371.3

95 32.4 21.8 32.8



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

1200

1000

800

600

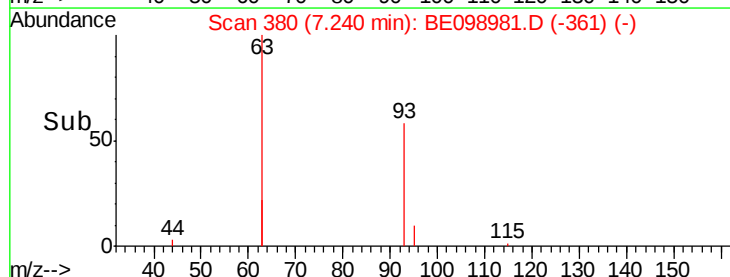
400

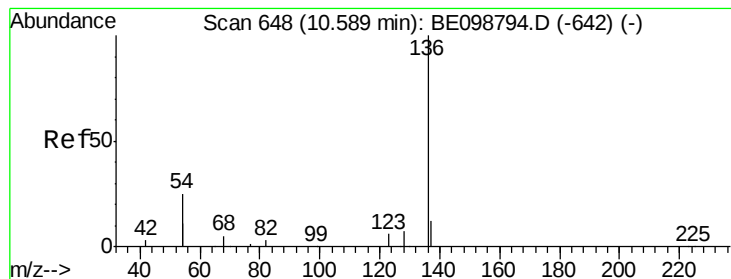
200

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3917

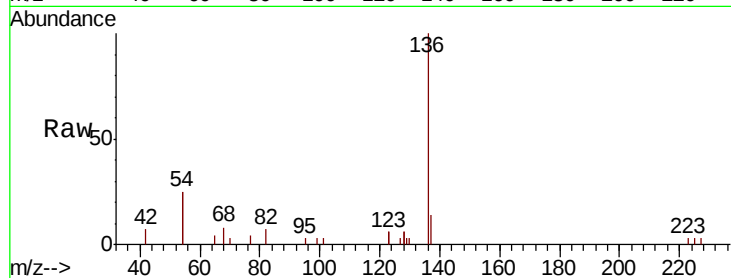
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 49.4 39.3 58.9

68 7.7 6.7 10.1

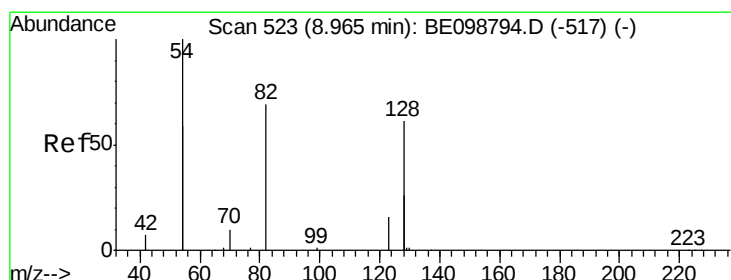
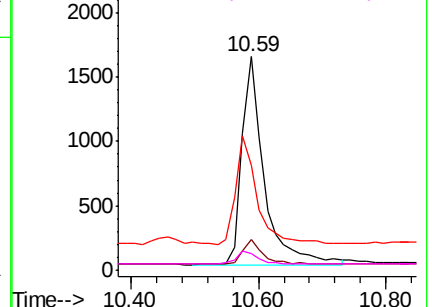
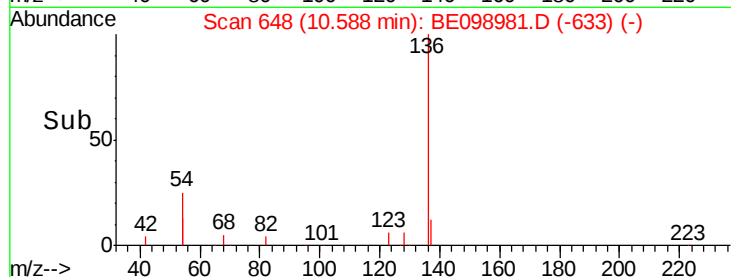


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

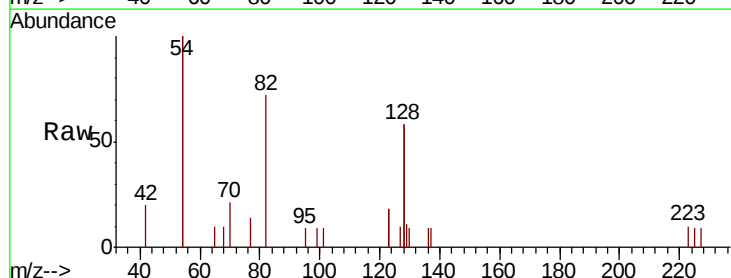
Tgt Ion: 82 Resp: 1288

Ion Ratio Lower Upper

82 100

128 161.1 123.8 185.8

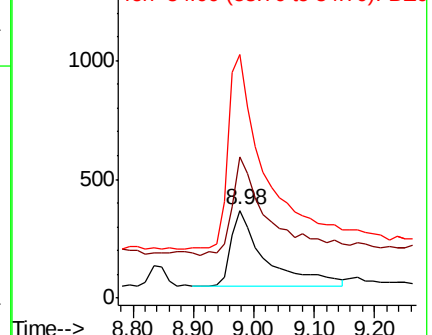
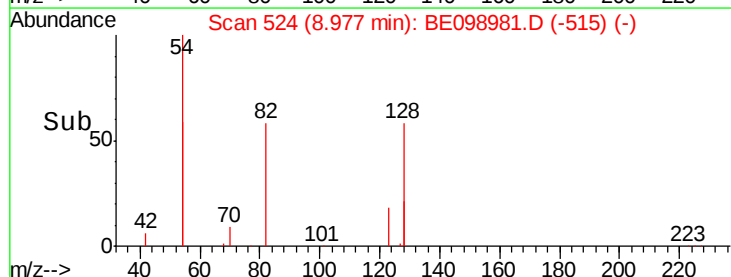
54 277.3 203.4 305.2



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: 0.392 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

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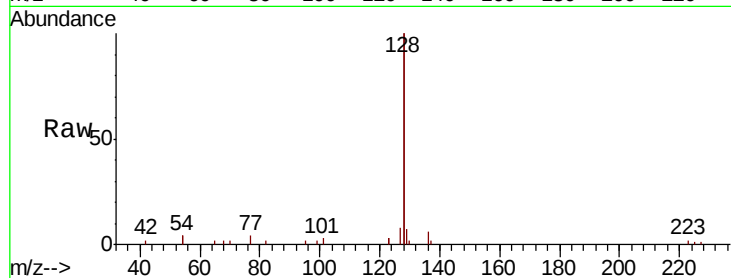
Tgt Ion:128 Resp: 17574

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

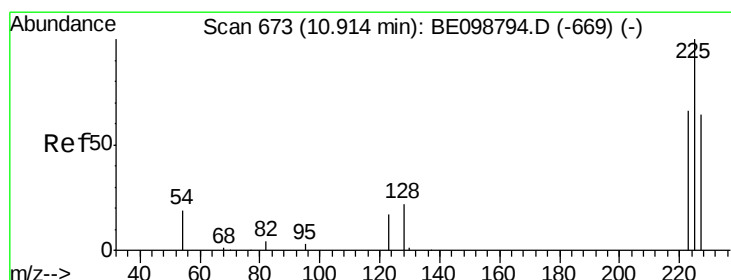
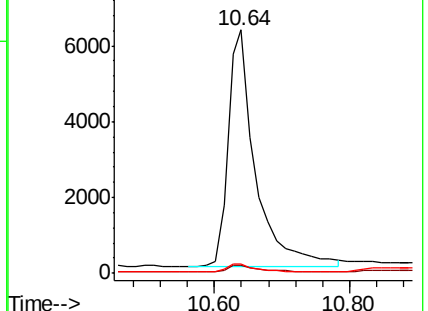
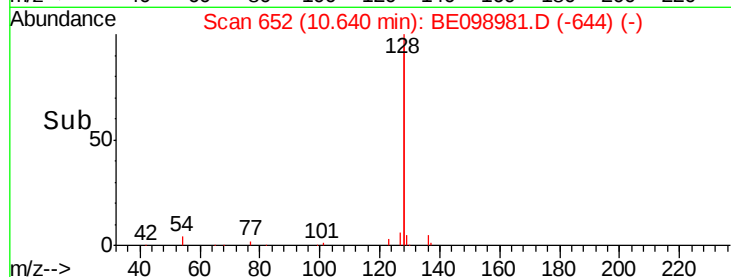
127 3.9 3.1 4.7



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: 0.375 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

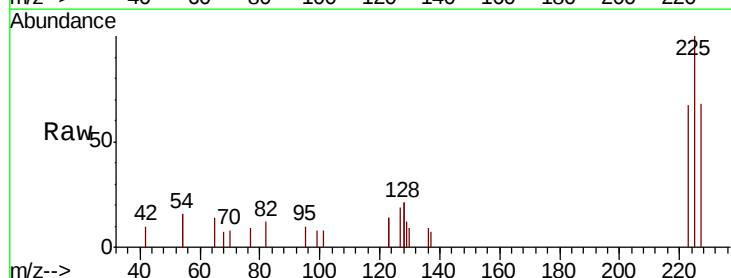
Tgt Ion:225 Resp: 1113

Ion Ratio Lower Upper

225 100

223 64.6 51.1 76.7

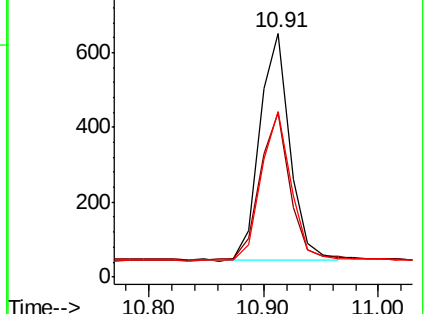
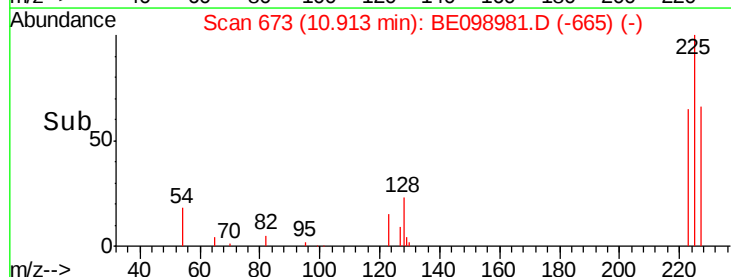
227 65.8 51.6 77.4



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: 0.392 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

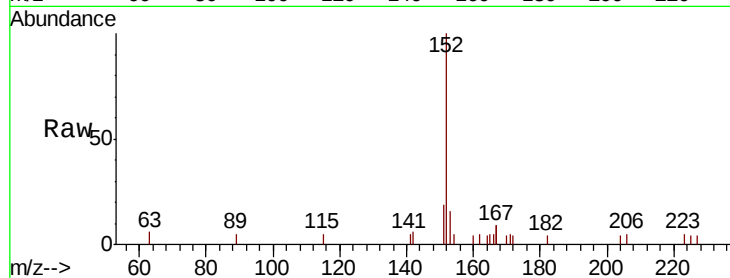
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2835

Ion Ratio Lower Upper

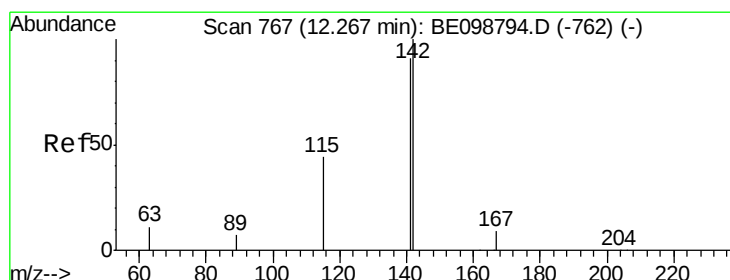
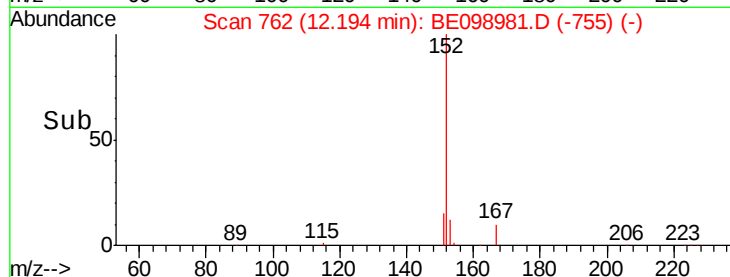
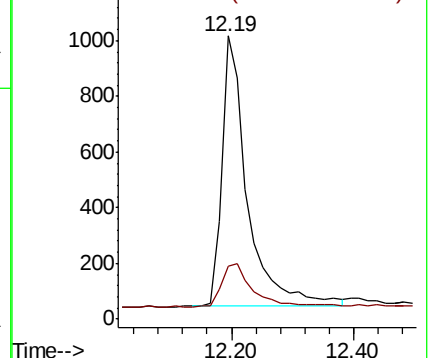
152 100

151 20.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

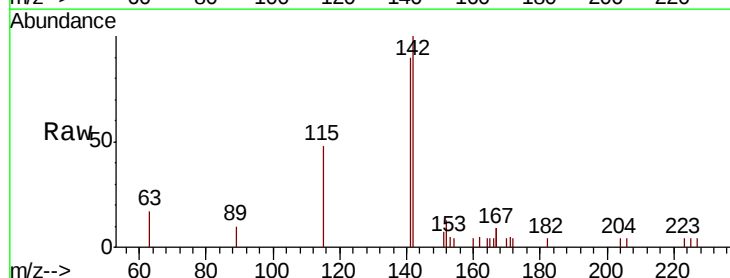
Tgt Ion:142 Resp: 2707

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8

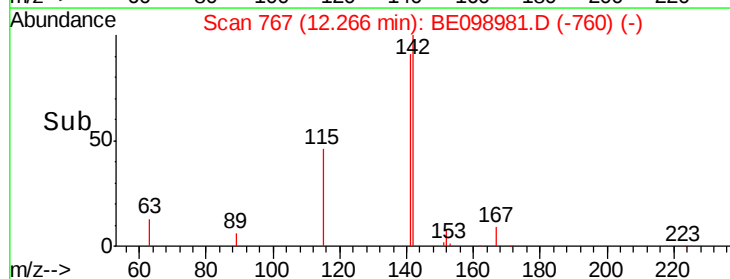
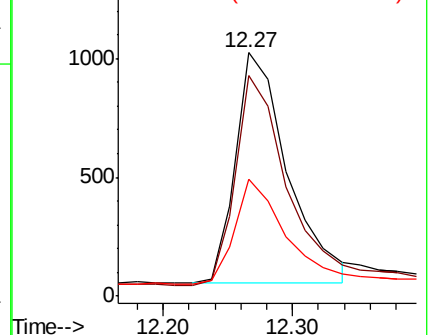
115 47.9 37.4 56.2



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

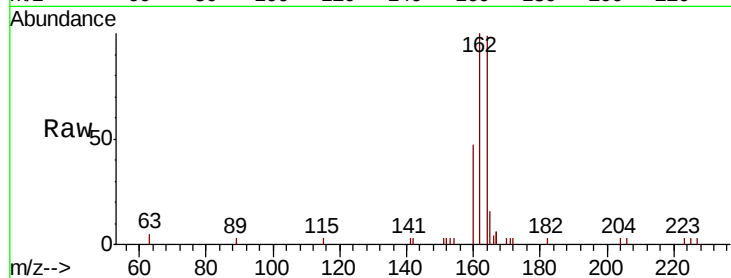




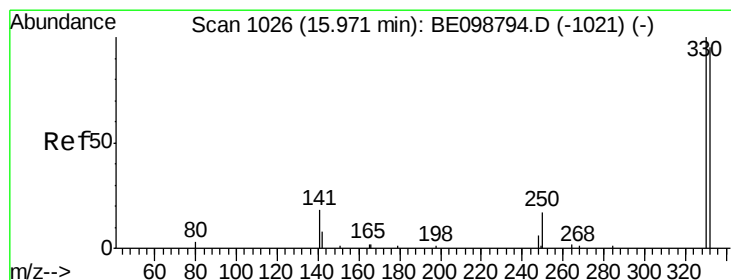
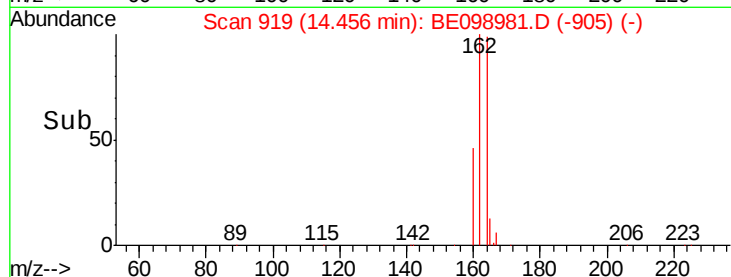
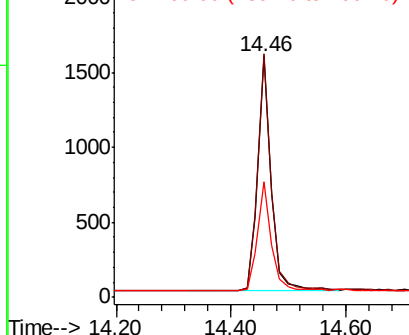
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2592
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 47.7 37.8 56.8

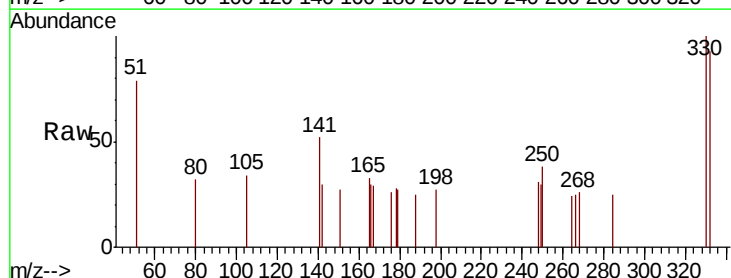


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

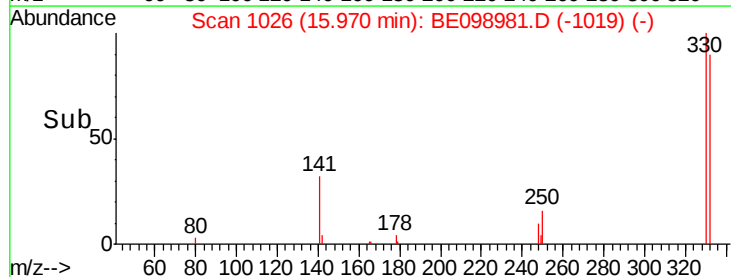
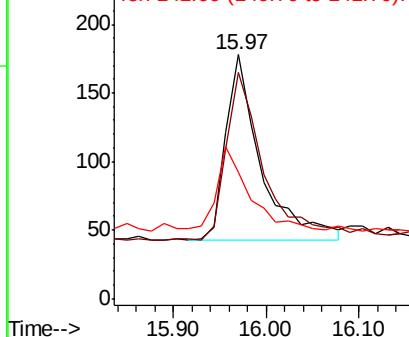


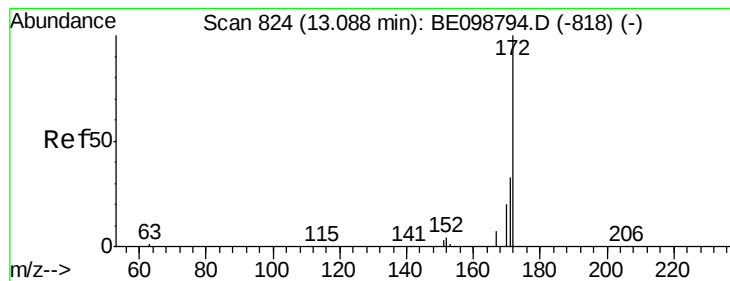
#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:330 Resp: 352
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 41.5 31.0 46.4



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

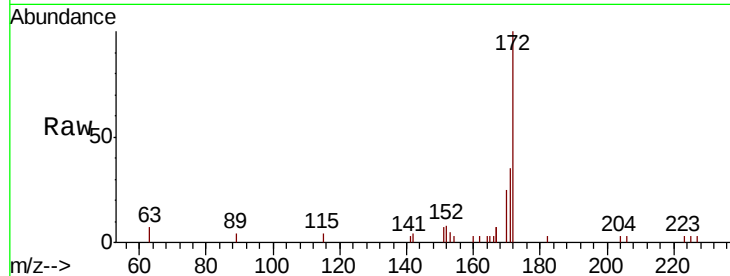




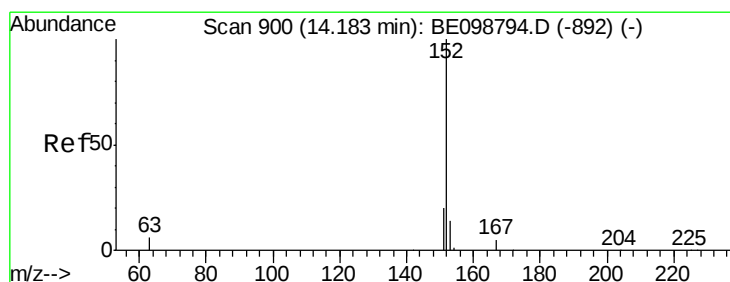
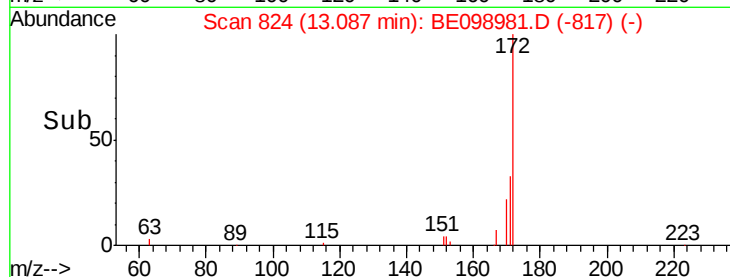
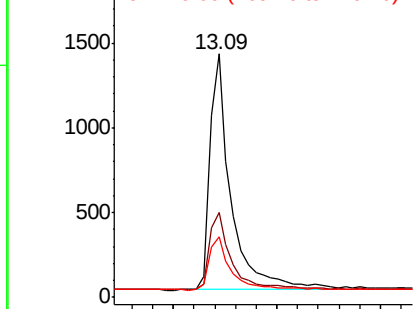
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4005
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 24.7 17.7 26.5

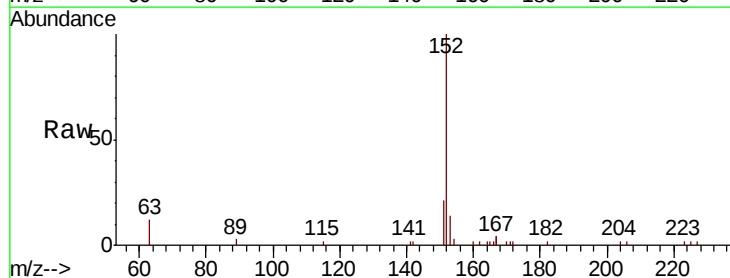


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

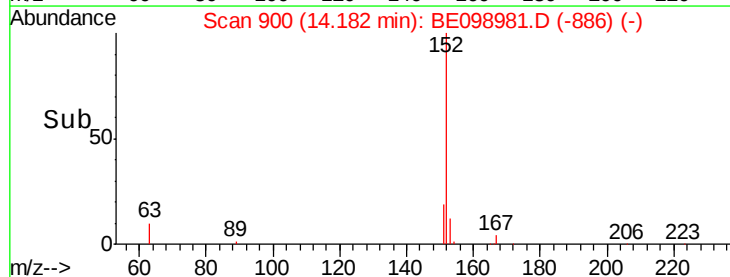
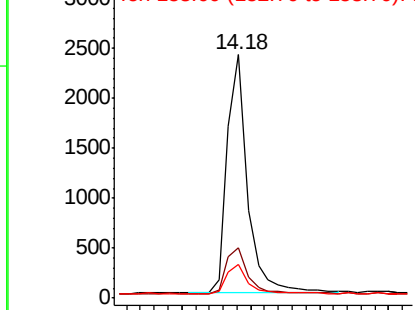


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:152 Resp: 4947
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6
153 12.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

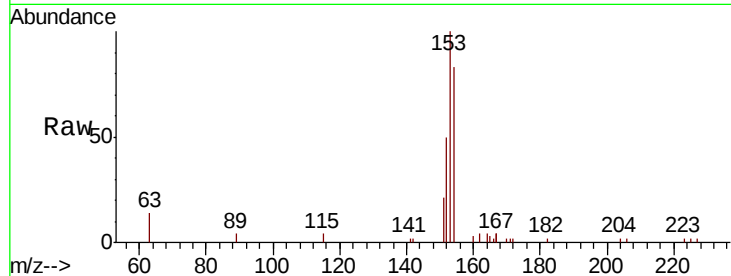




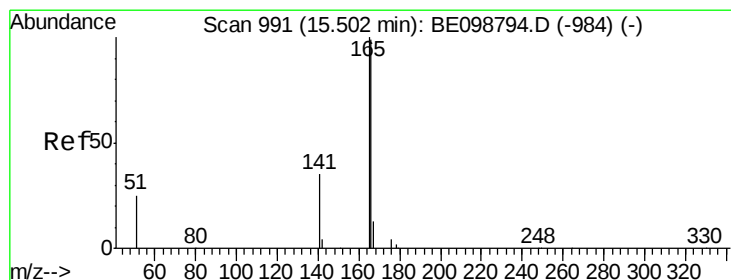
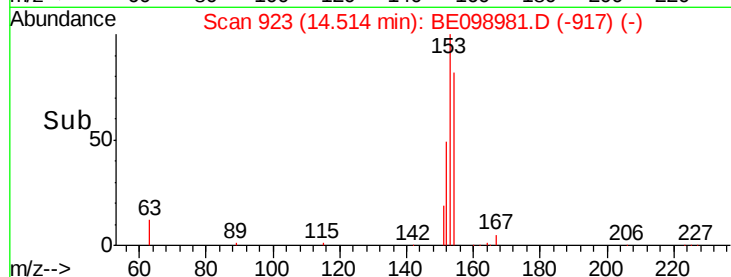
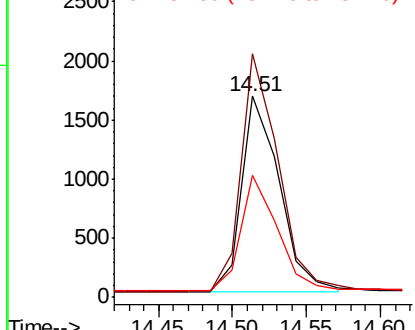
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2929
Ion Ratio Lower Upper
154 100
153 120.5 94.2 141.4
152 58.3 45.0 67.4

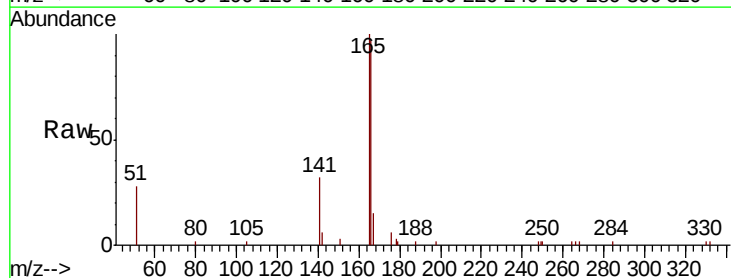


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

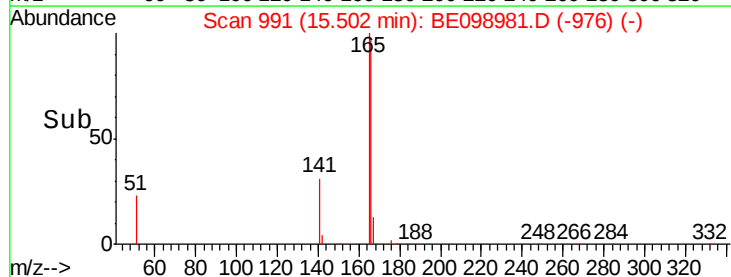
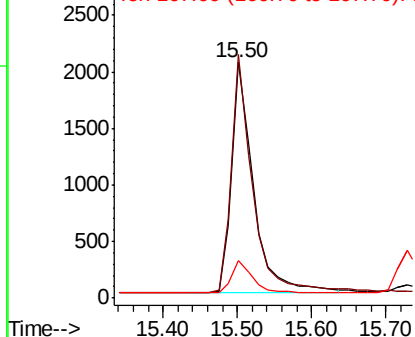


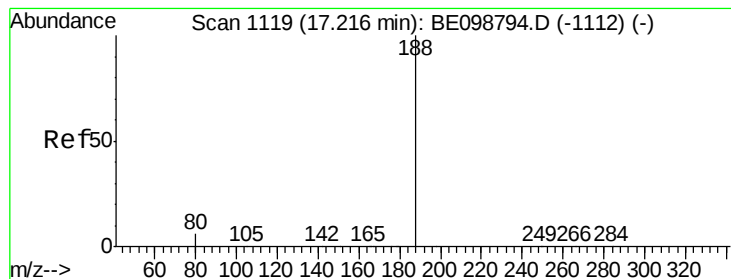
#18
Fluorene
Concen: 0.362 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:166 Resp: 4130
Ion Ratio Lower Upper
166 100
165 99.9 79.3 118.9
167 13.7 10.5 15.7



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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

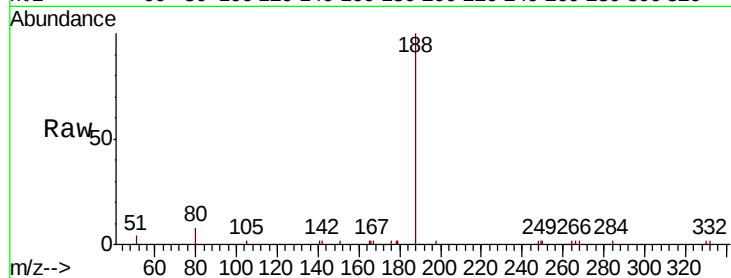
Tgt Ion:188 Resp: 6178

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

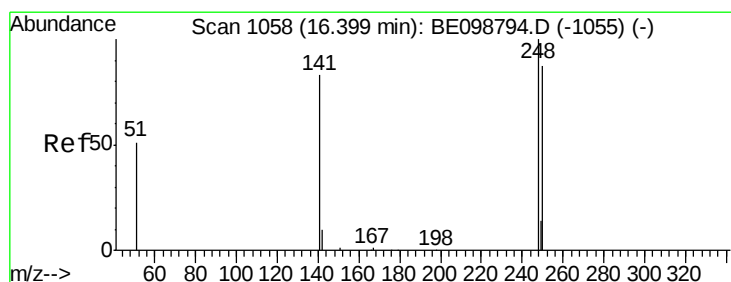
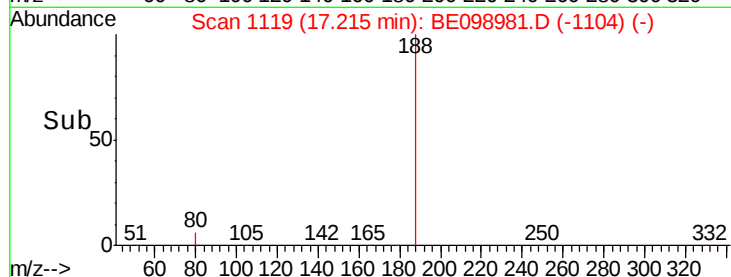
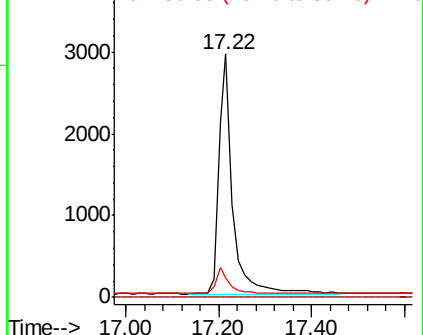
80 7.9 6.3 9.5



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: 0.395 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

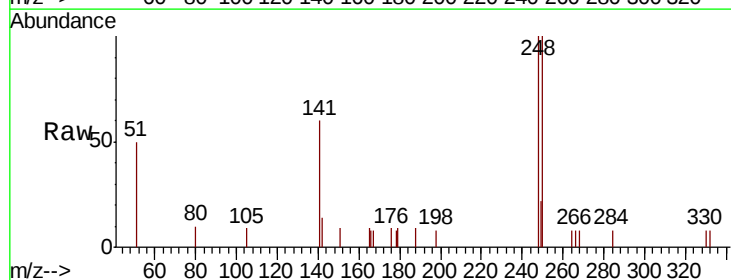
Tgt Ion:248 Resp: 1322

Ion Ratio Lower Upper

248 100

250 99.6 70.6 105.8

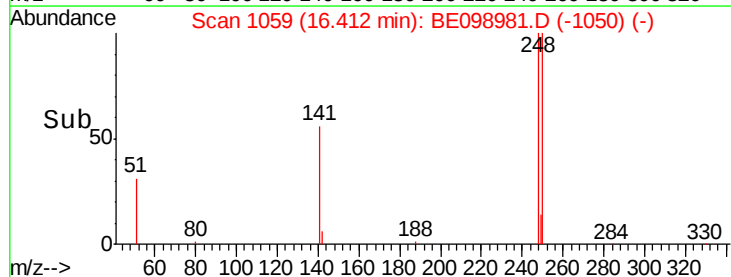
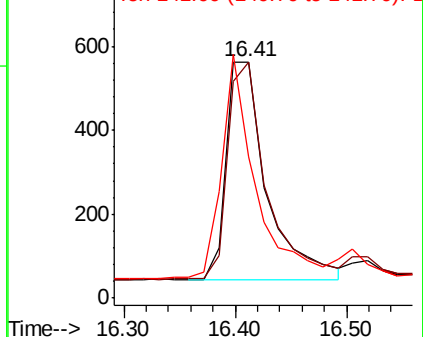
141 59.7 68.6 102.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

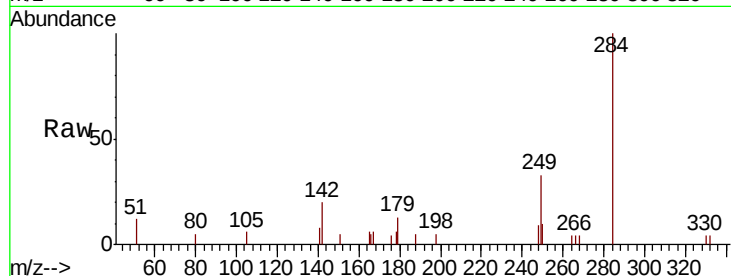
Tgt Ion:284 Resp: 1554

Ion Ratio Lower Upper

284 100

142 36.2 28.7 43.1

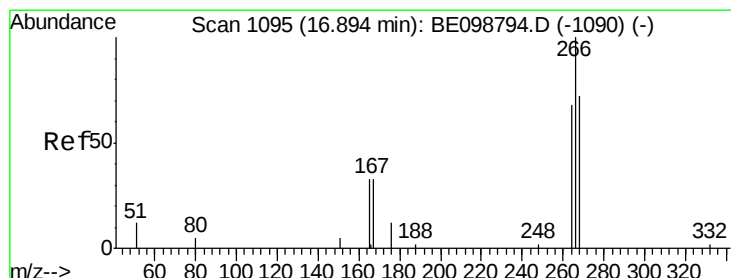
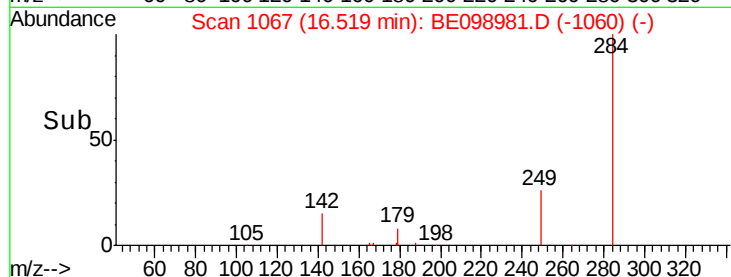
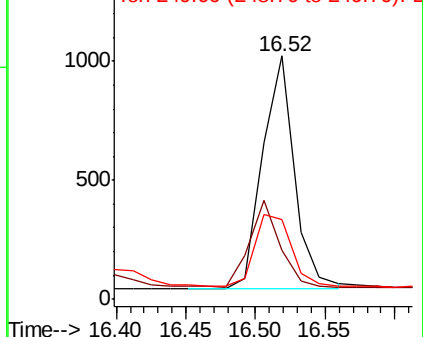
249 34.7 29.6 44.4



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: 0.373 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

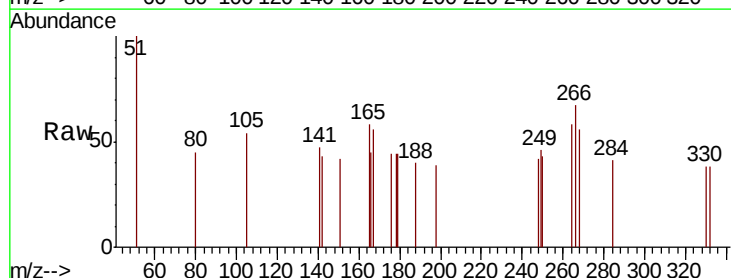
Tgt Ion:266 Resp: 147

Ion Ratio Lower Upper

266 100

264 85.5 66.6 100.0

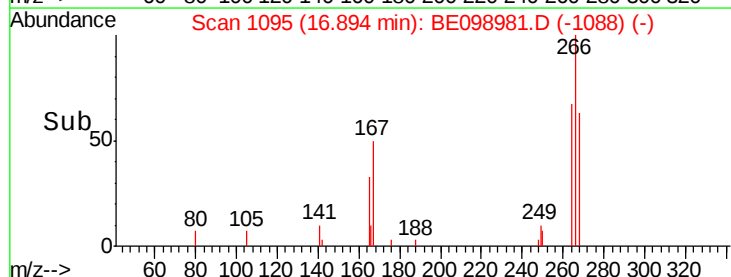
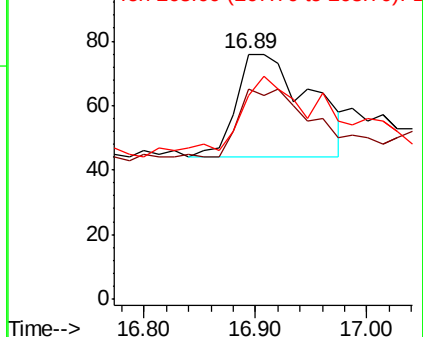
268 82.9 69.8 104.8

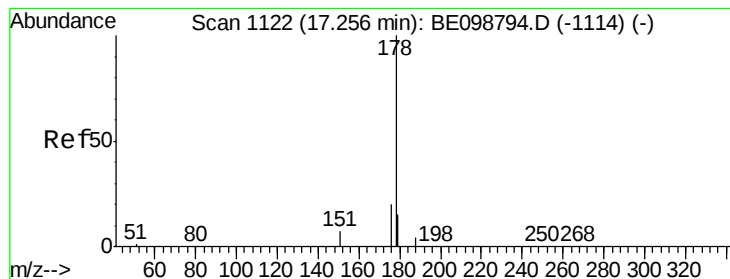


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.375 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

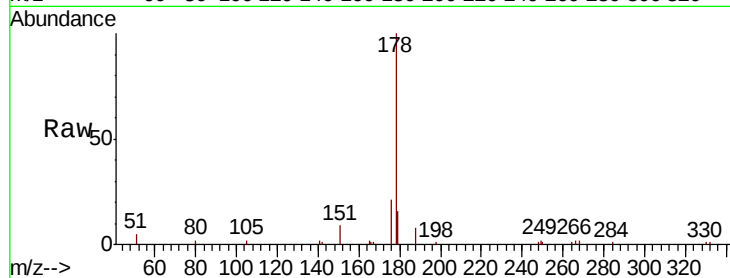
Tgt Ion:178 Resp: 6585

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

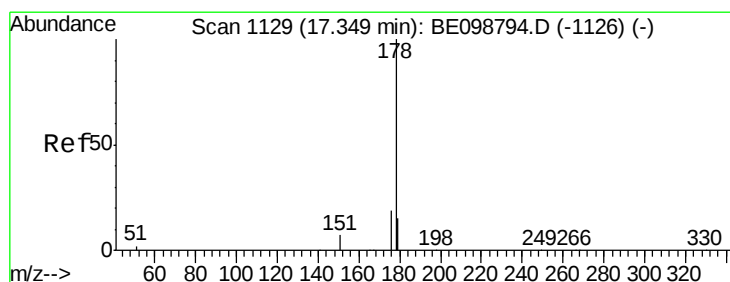
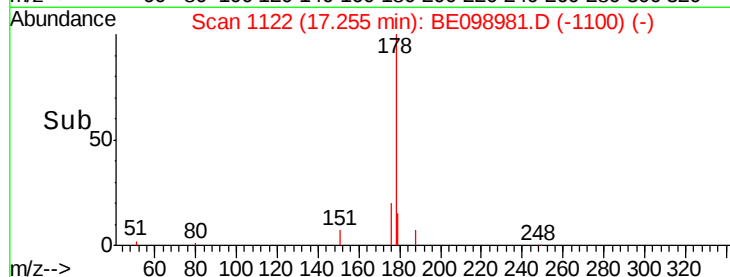
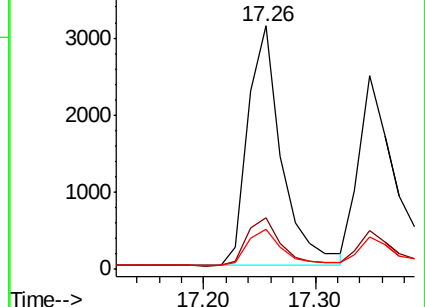
179 15.9 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.324 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

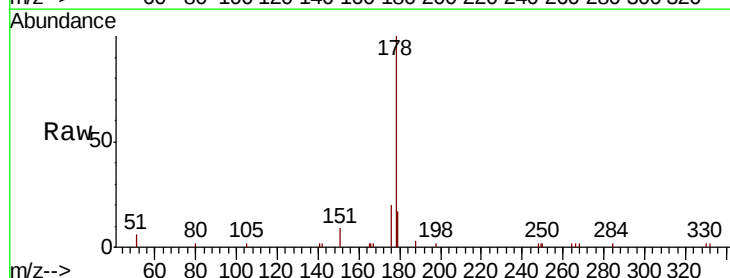
Tgt Ion:178 Resp: 4865

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.0

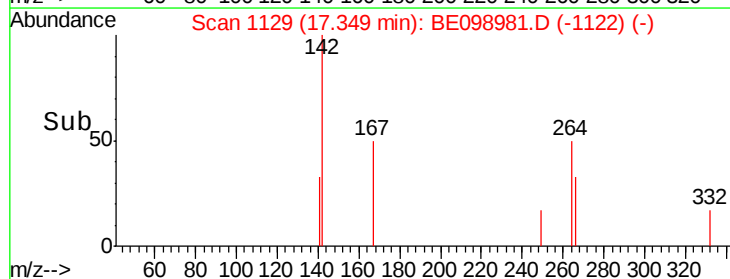
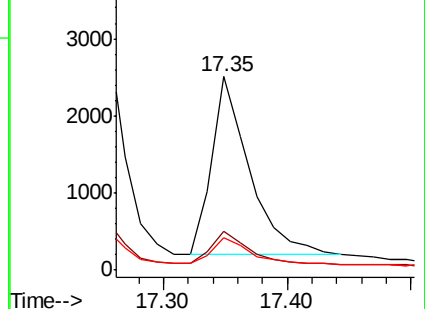
179 15.0 12.2 18.4



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: 0.342 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

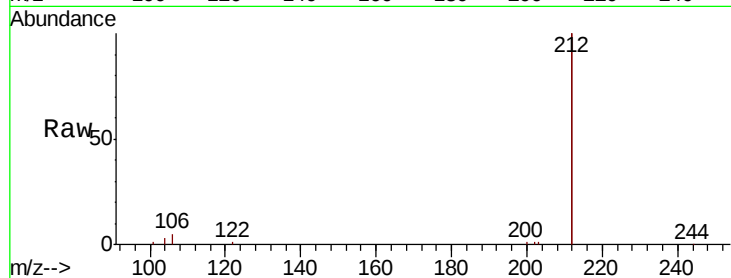
Tgt Ion:212 Resp: 33754

Ion Ratio Lower Upper

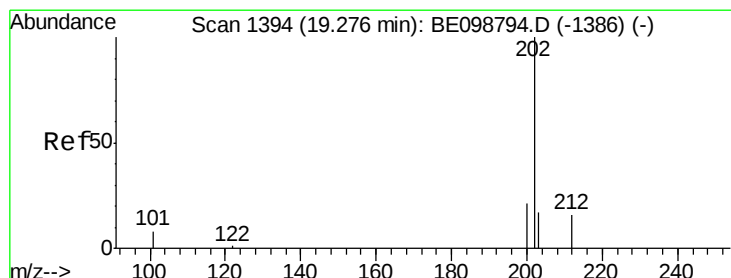
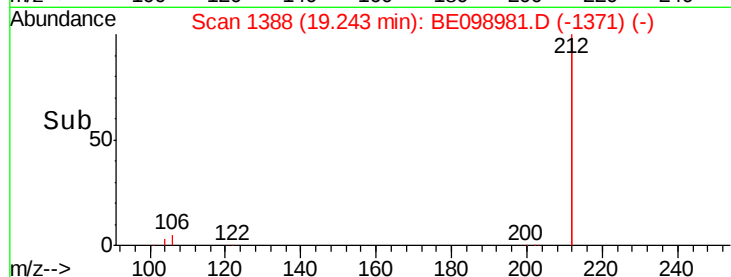
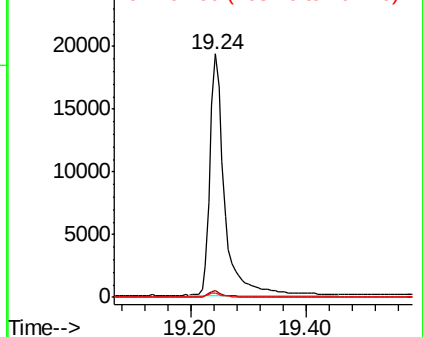
212 100

106 2.3 1.8 2.8

104 1.4 1.0 1.6



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: 0.340 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

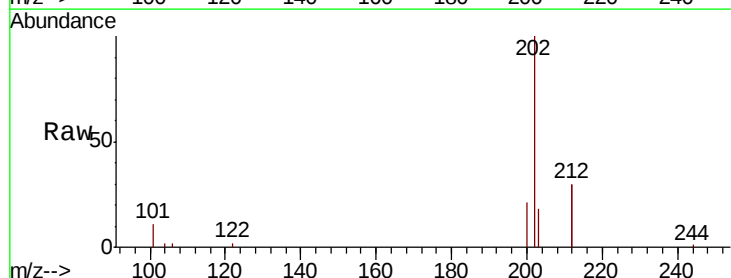
Tgt Ion:202 Resp: 8436

Ion Ratio Lower Upper

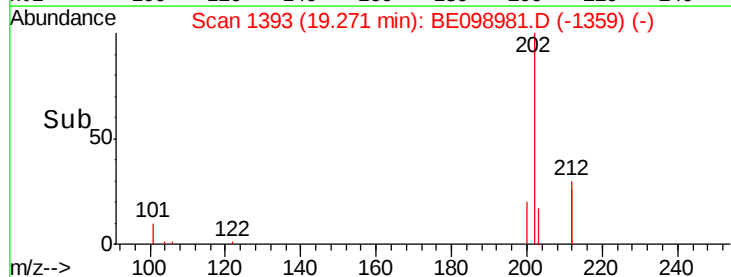
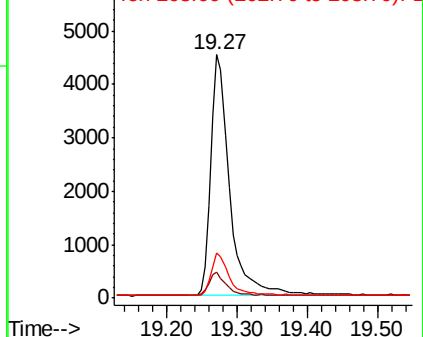
202 100

101 9.2 7.3 10.9

203 16.6 13.4 20.2



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

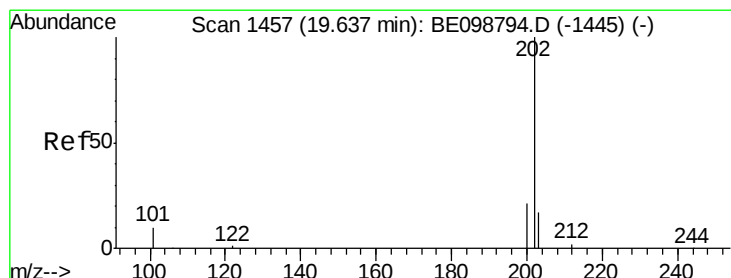
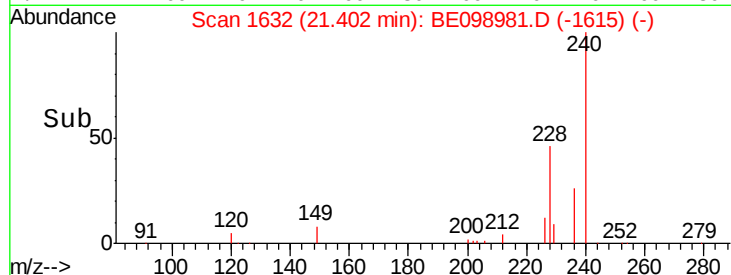
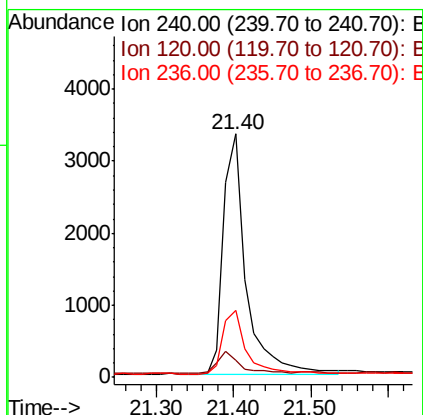
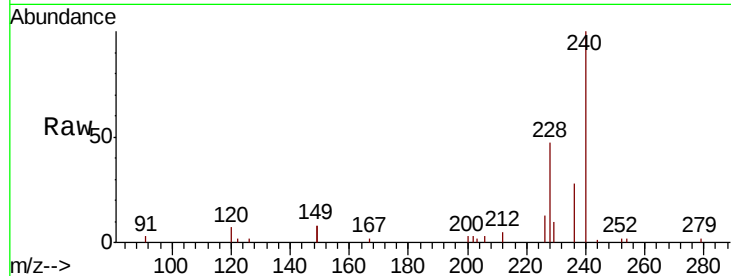




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

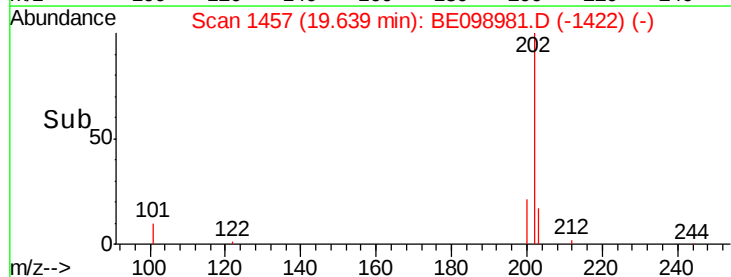
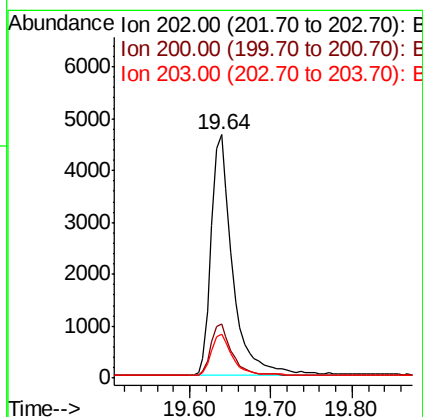
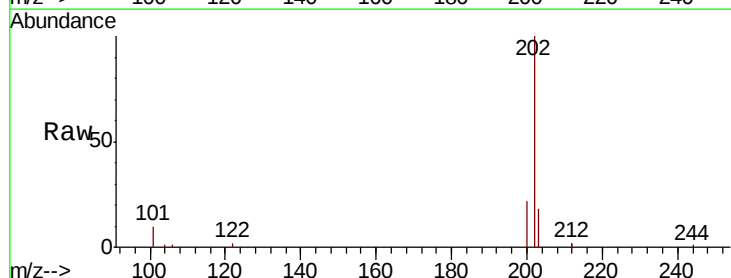
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 6801
Ion Ratio Lower Upper
240 100
120 7.1 5.0 7.4
236 27.6 22.7 34.1



#28
Pyrene
Concen: 0.412 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:202 Resp: 8572
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.3 14.2 21.2





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

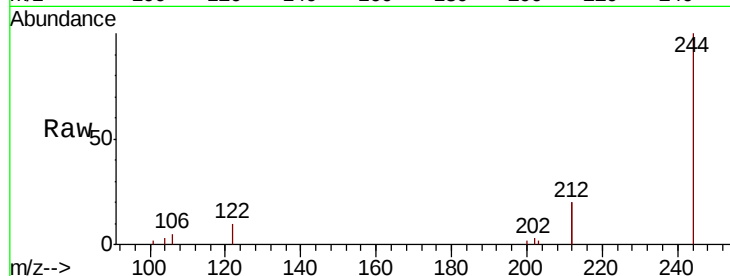
Tgt Ion:244 Resp: 6382

Ion Ratio Lower Upper

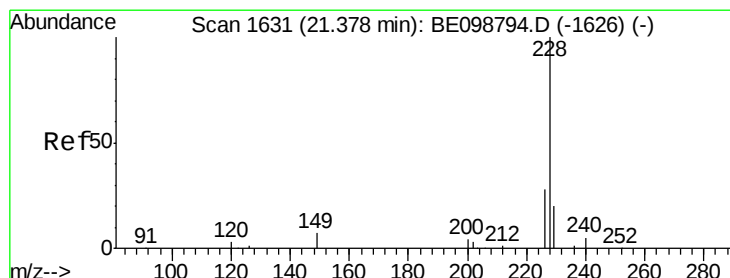
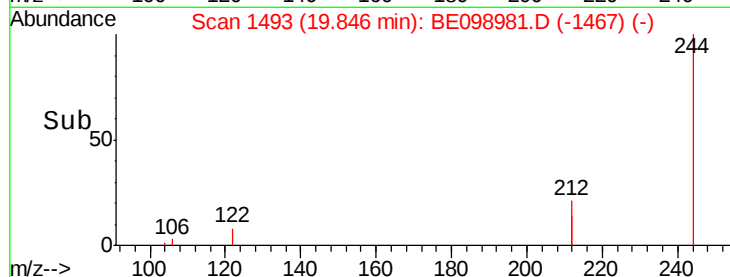
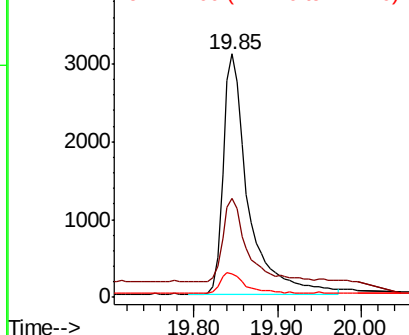
244 100

212 40.6 29.4 44.2

122 9.7 7.1 10.7



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: 0.360 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

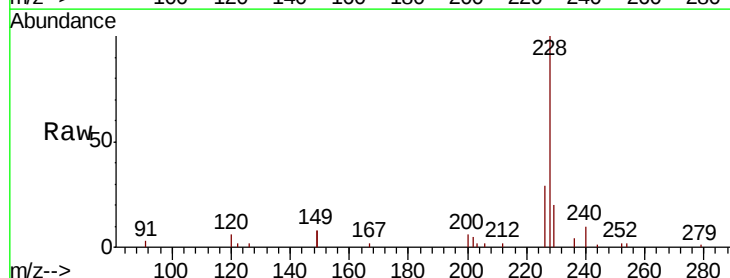
Tgt Ion:228 Resp: 7647

Ion Ratio Lower Upper

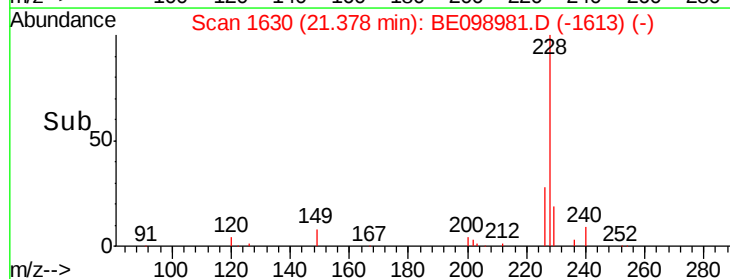
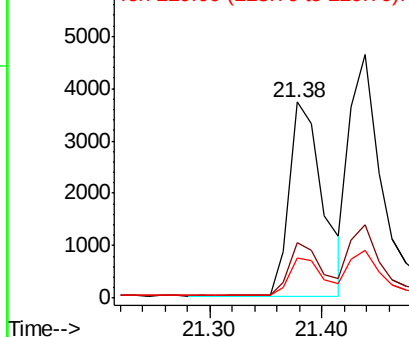
228 100

226 28.6 23.0 34.4

229 20.2 16.5 24.7



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: 0.382 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

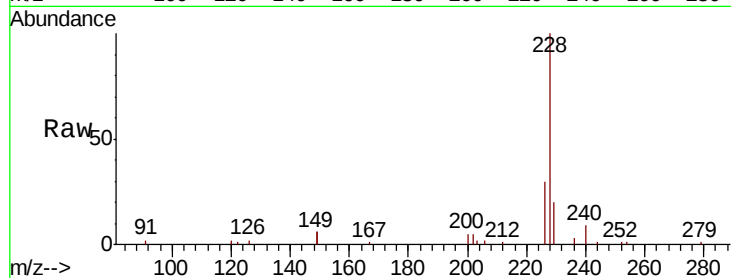
Tgt Ion:228 Resp: 8677

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

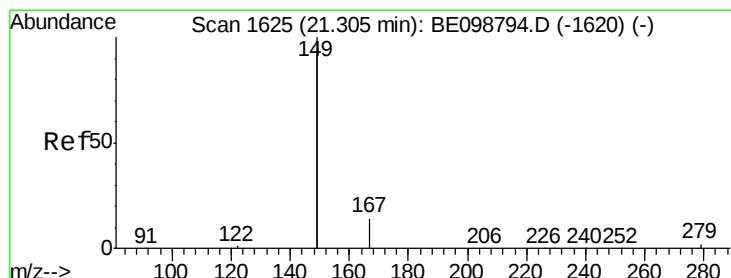
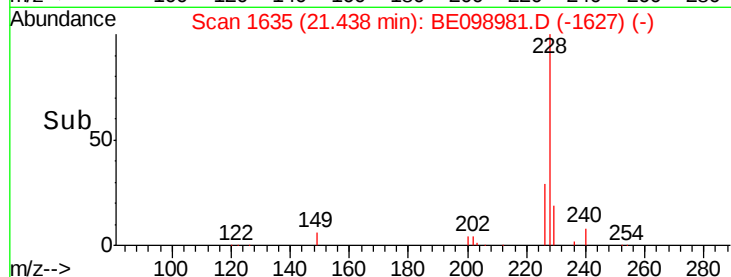
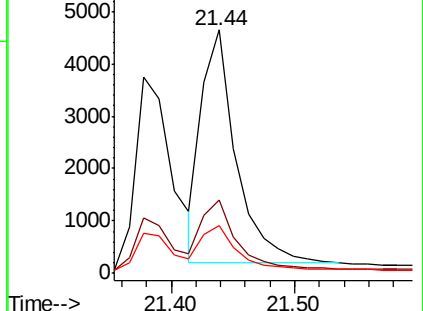
229 19.8 16.1 24.1



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: 0.321 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

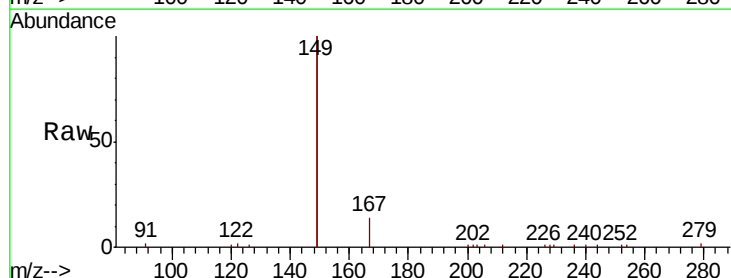
Tgt Ion:149 Resp: 14481

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

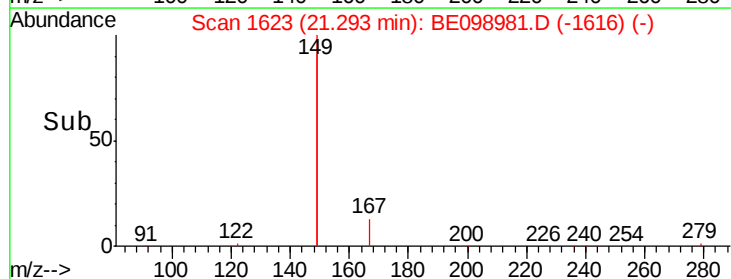
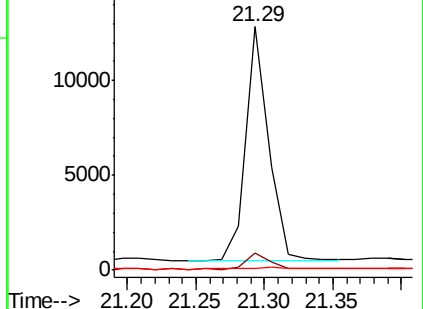
279 1.2 1.0 1.4



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: 0.348 ng

RT: 26.54 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

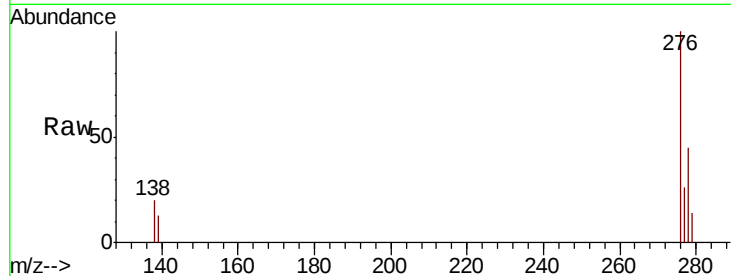
Tgt Ion:276 Resp: 8352

Ion Ratio Lower Upper

276 100

138 16.3 13.8 20.8

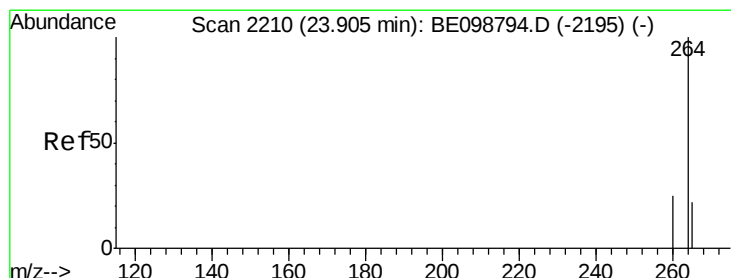
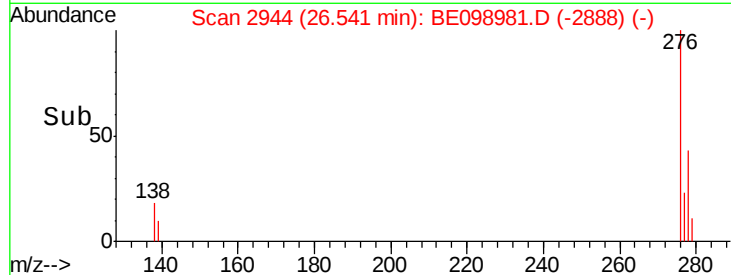
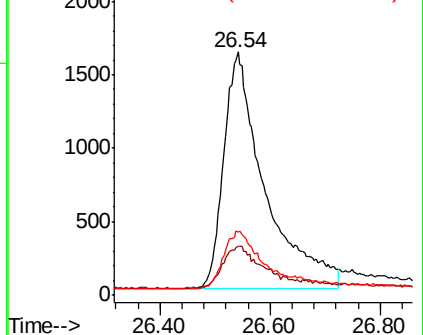
277 21.7 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

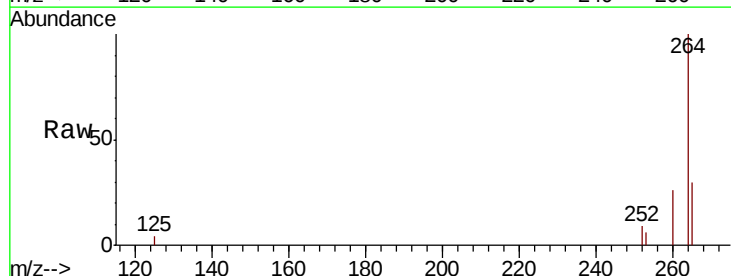
Tgt Ion:264 Resp: 6600

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

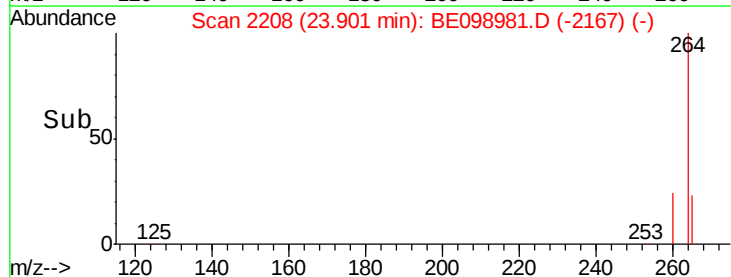
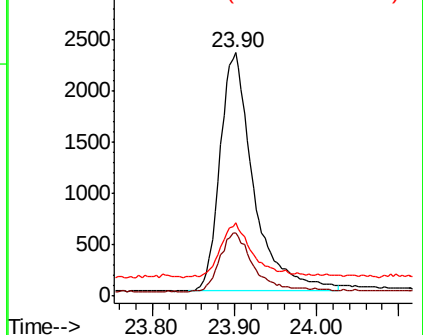
265 30.3 24.6 36.8

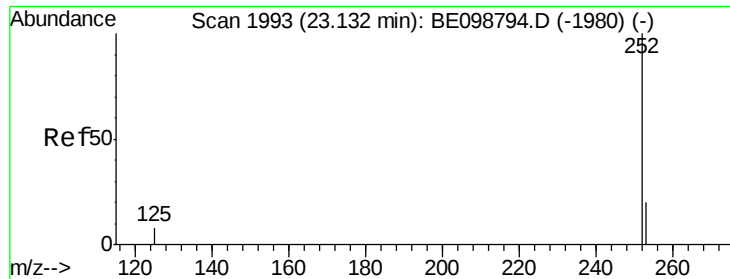


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.05 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

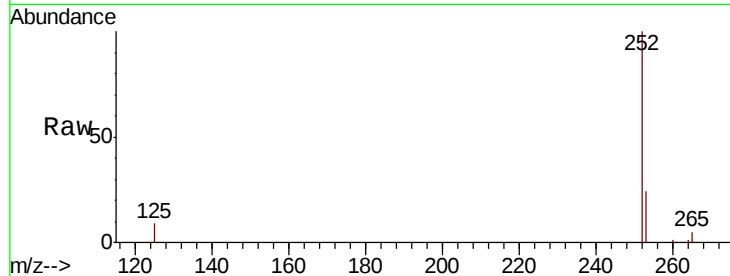
Tgt Ion:252 Resp: 8459

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

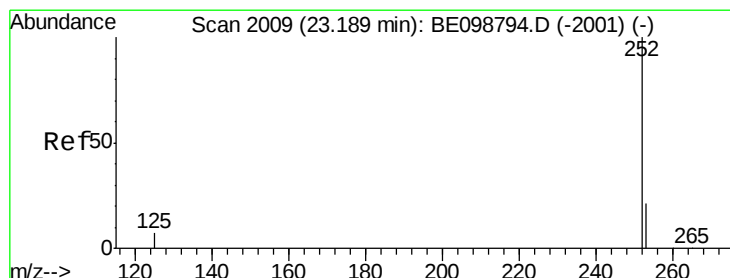
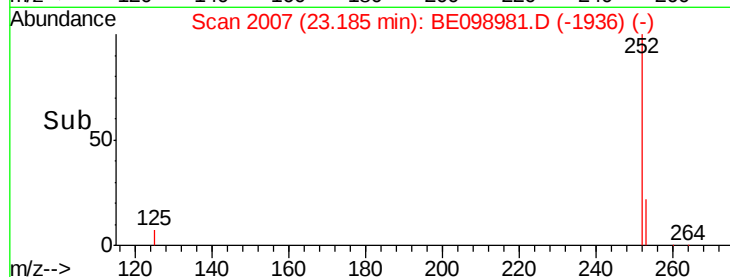
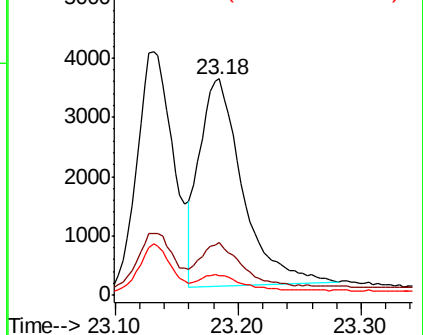
125 9.0 7.3 10.9



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: 0.372 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

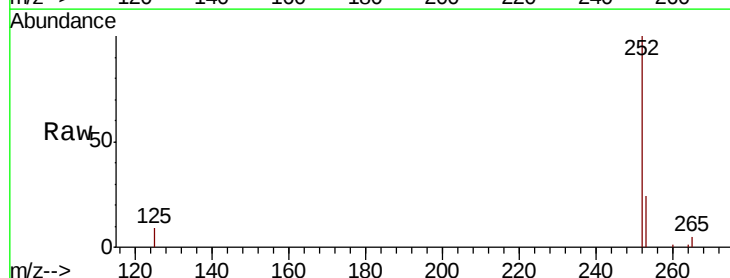
Tgt Ion:252 Resp: 8459

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

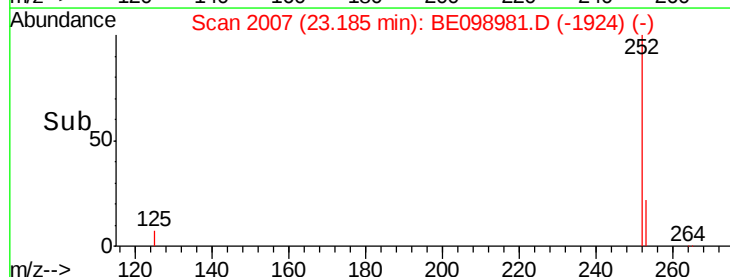
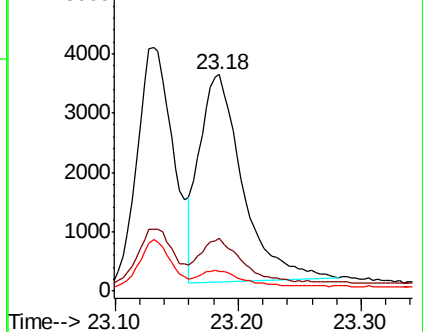
125 9.0 7.5 11.3

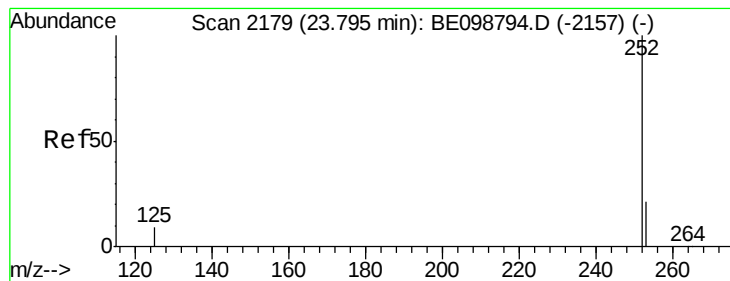


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

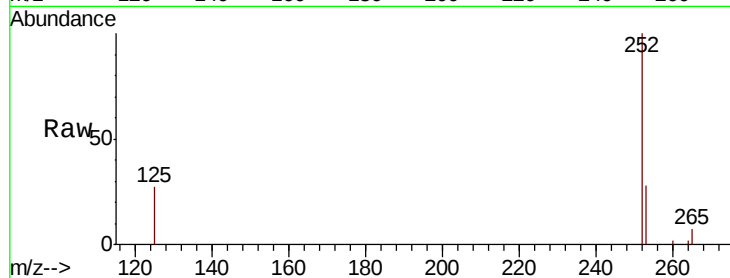
Tgt Ion:252 Resp: 8255

Ion Ratio Lower Upper

252 100

253 27.5 19.9 29.9

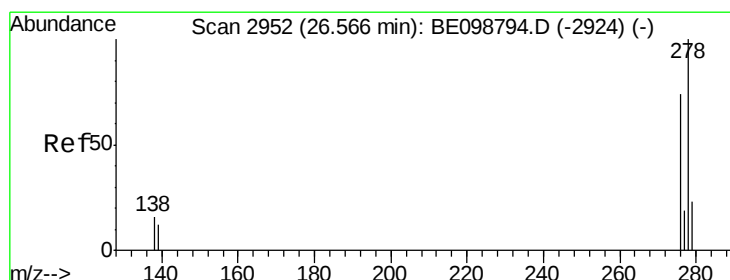
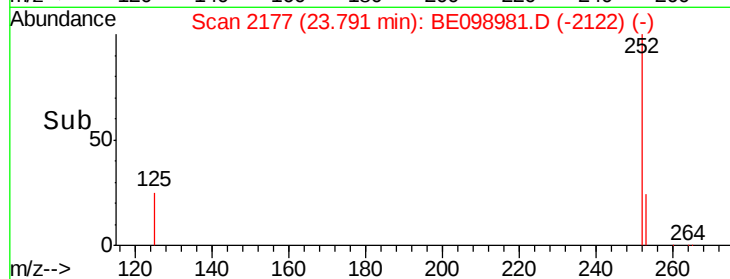
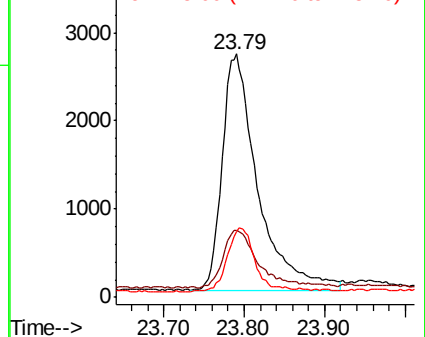
125 27.1 9.0 13.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.314 ng

RT: 26.57 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BE098981.D

Acq: 15 Mar 2019 21:06

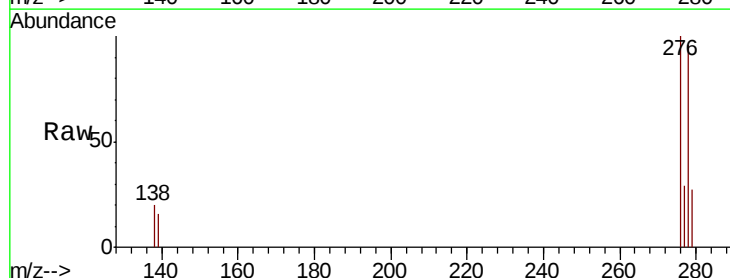
Tgt Ion:278 Resp: 6173

Ion Ratio Lower Upper

278 100

139 16.2 11.8 17.6

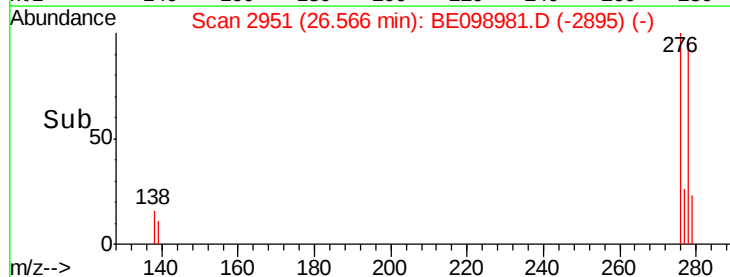
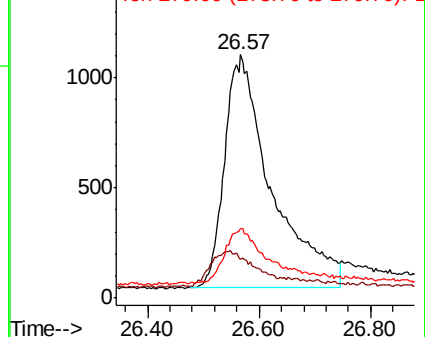
279 28.5 21.1 31.7

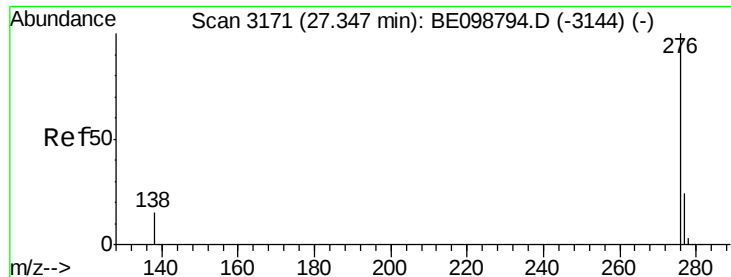


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.350 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BE098981.D

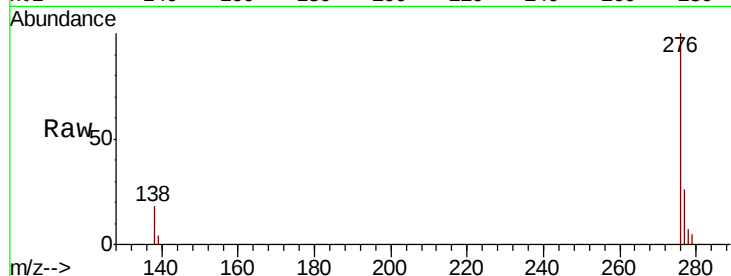
Acq: 15 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



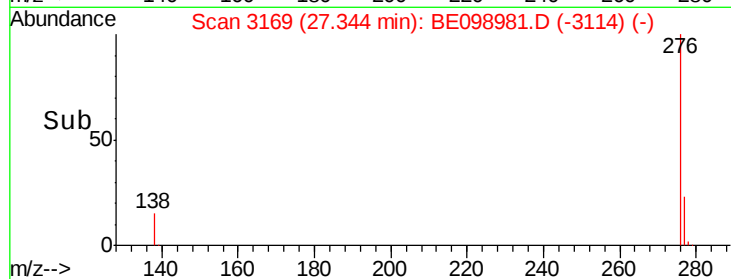
Tgt Ion: 276 Resp: 7206

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 18.4 13.6 20.4



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

