

Data File : BE098507.D
Acq On : 16 Dec 2018 15:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 17 03:25:49 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	7.86	152	661	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	2824	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1898	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5566	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7457	0.40	ng	-0.01
34) Perylene-d12	24.00	264	6977	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	759	0.49	ng	0.00
5) Phenol-d6	7.05	99	985	0.45	ng	0.00
8) Nitrobenzene-d5	9.03	82	919	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1923	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	366	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3134	0.39	ng	0.00
25) Fluoranthene-d10	19.30	212	32449	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	6198	0.34	ng	0.00

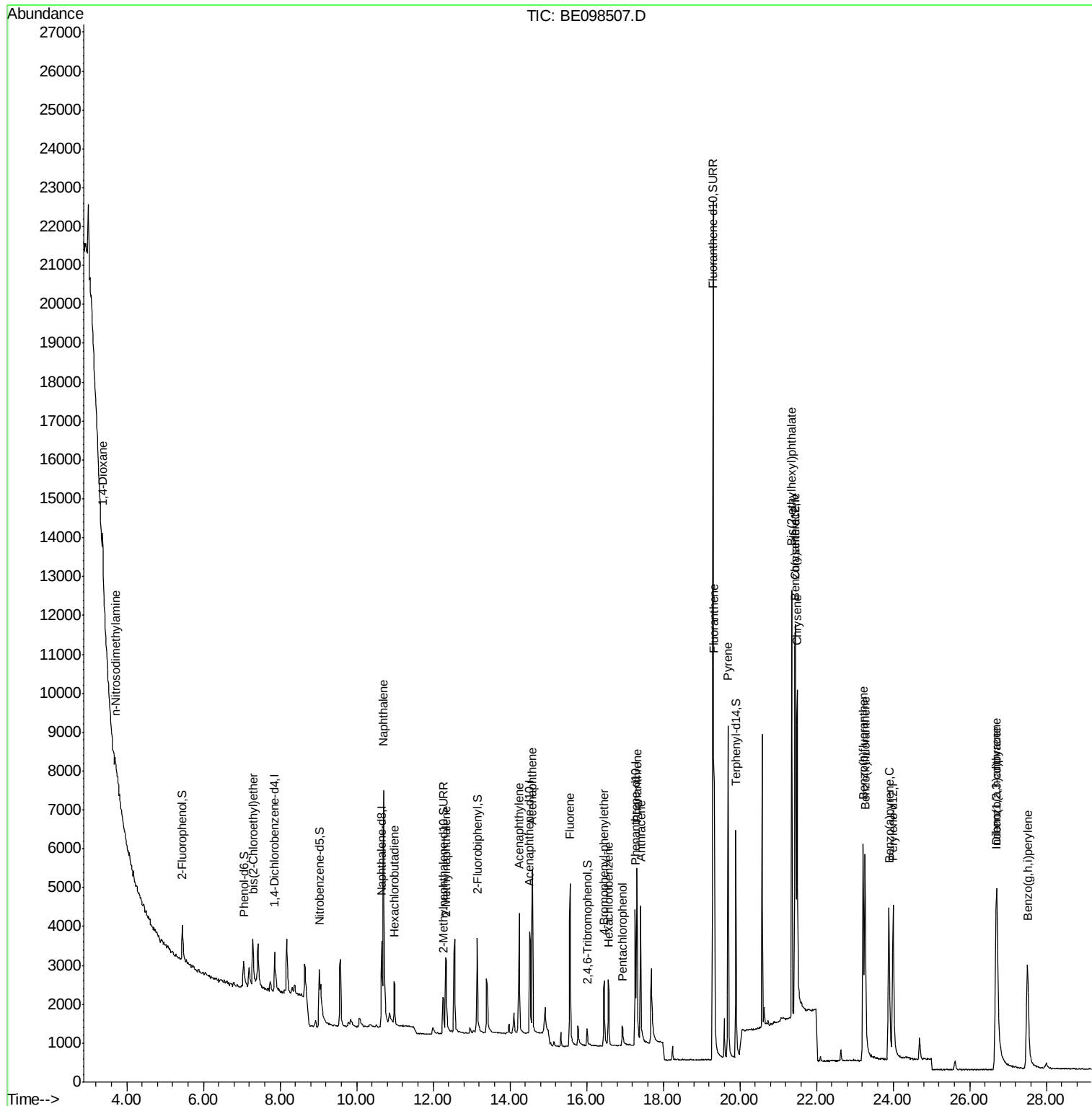
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	495	0.433	ng	# 87
3) n-Nitrosodimethylamine	3.71	42	468	0.455	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	738	0.354	ng	100
9) Naphthalene	10.71	128	11837	0.417	ng	98
10) Hexachlorobutadiene	10.98	225	882	0.487	ng	96
12) 2-Methylnaphthalene	12.34	142	1861	0.403	ng	95
16) Acenaphthylene	14.24	152	3681	0.414	ng	98
17) Acenaphthene	14.59	154	2164	0.405	ng	95
18) Fluorene	15.57	166	3059	0.428	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1106	0.369	ng	# 80
21) Hexachlorobenzene	16.58	284	1392	0.432	ng	93
22) Pentachlorophenol	16.93	266	402	0.702	ng	97
23) Phenanthrene	17.31	178	5537	0.409	ng	100
24) Anthracene	17.41	178	4406	0.365	ng	100
26) Fluoranthene	19.33	202	8213	0.459	ng	98
28) Pyrene	19.69	202	8962	0.383	ng	99
30) Benzo(a)anthracene	21.44	228	8917	0.420	ng	100
31) Chrysene	21.50	228	8860	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	13750	0.319	ng	98
33) Indeno(1,2,3-cd)pyrene	26.69	276	9108	0.411	ng	99
35) Benzo(b)fluoranthene	23.22	252	8060	0.422	ng	97
36) Benzo(k)fluoranthene	23.27	252	9729	0.438	ng	98
37) Benzo(a)pyrene	23.89	252	8375	0.425	ng	97
38) Dibenzo(a,h)anthracene	26.71	278	7325	0.395	ng	96
39) Benzo(g,h,i)perylene	27.51	276	8088	0.433	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: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

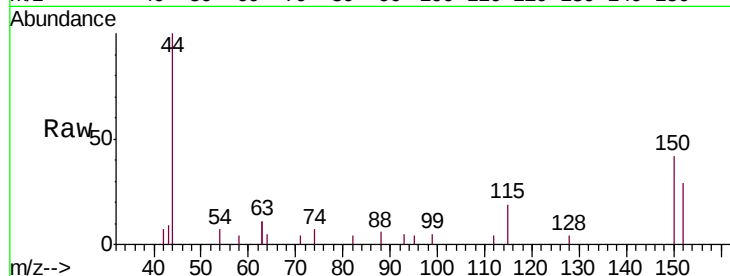
Tgt Ion:152 Resp: 661

Ion Ratio Lower Upper

152 100

150 144.4 124.2 186.4

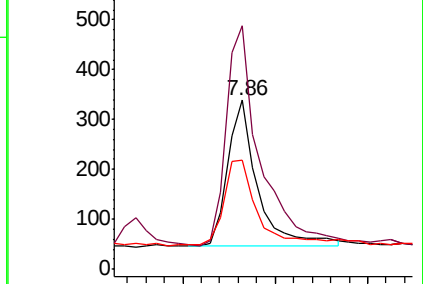
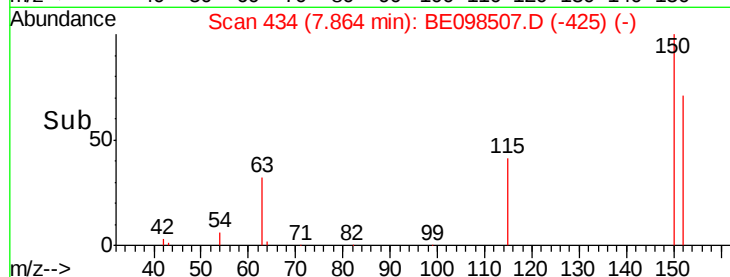
115 64.8 53.9 80.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.433 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

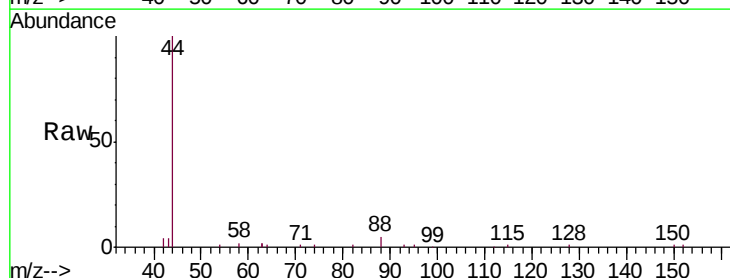
Tgt Ion: 88 Resp: 495

Ion Ratio Lower Upper

88 100

58 85.7 75.0 112.6

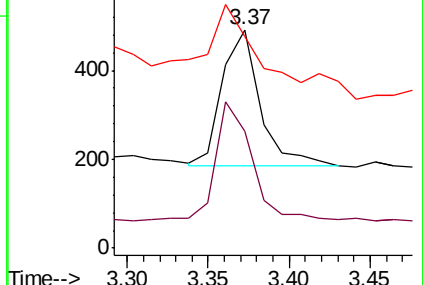
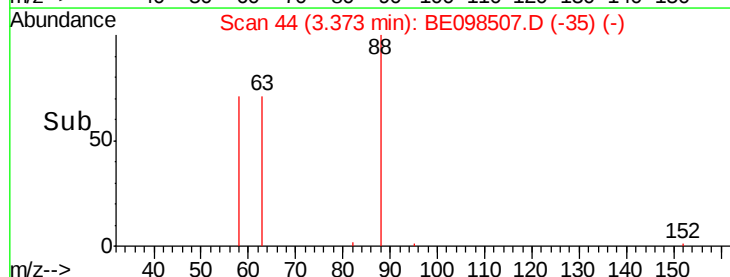
43 62.6 38.3 57.5#



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: 0.455 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

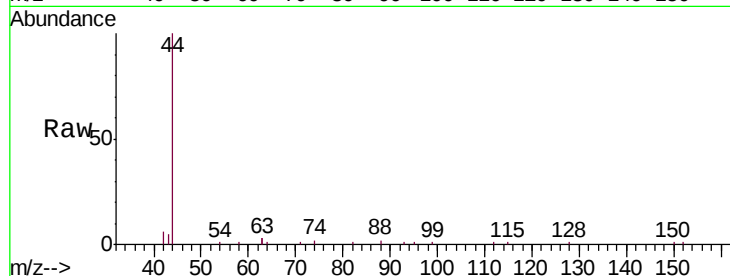
Tgt Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

74 50.2 0.0 0.0#

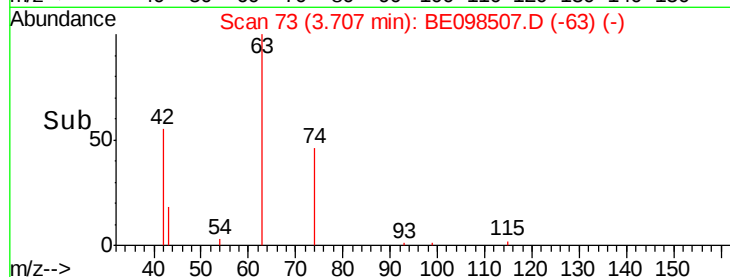
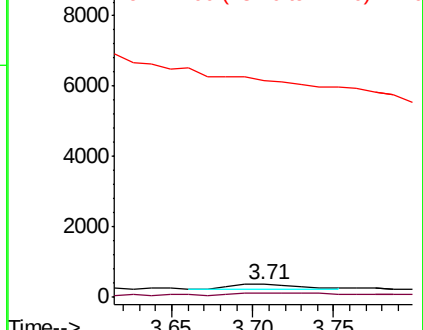
44 0.0 0.0 0.0



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: 0.491 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

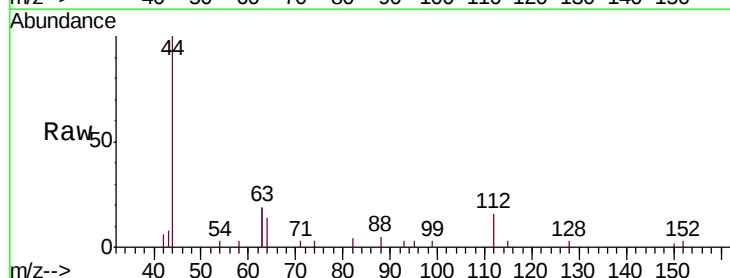
Tgt Ion: 112 Resp: 759

Ion Ratio Lower Upper

112 100

64 69.0 59.8 89.8

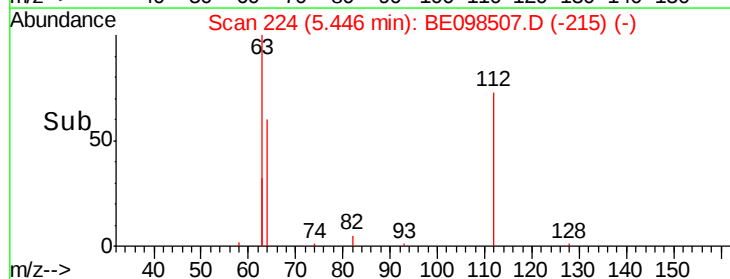
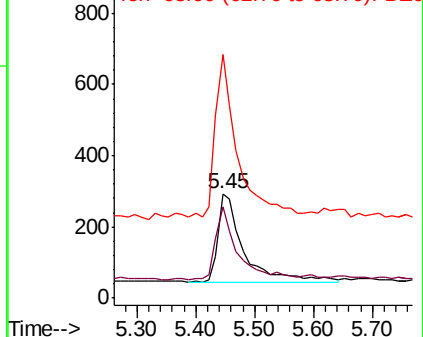
63 159.2 133.7 200.5

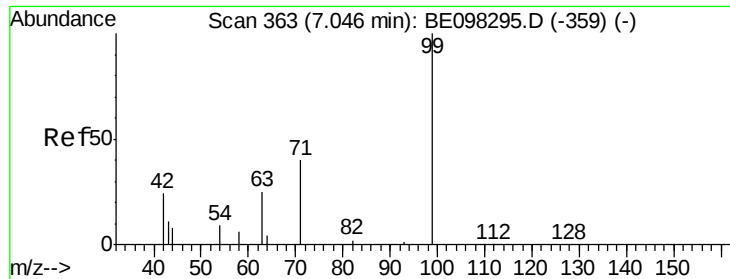


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.450 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

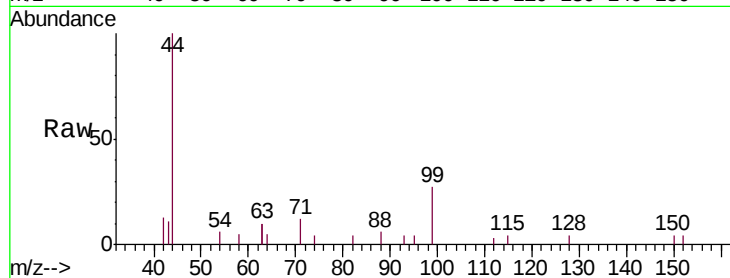
Tgt Ion: 99 Resp: 985

Ion Ratio Lower Upper

99 100

42 32.5 26.3 39.5

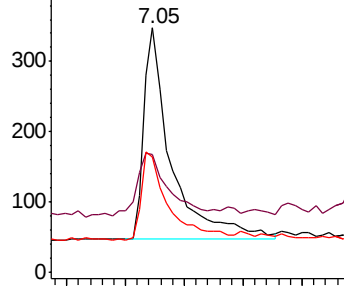
71 41.2 33.6 50.4



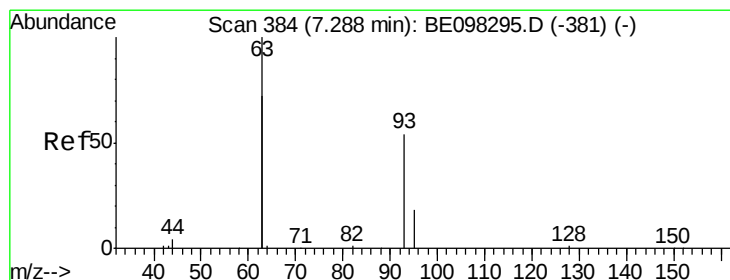
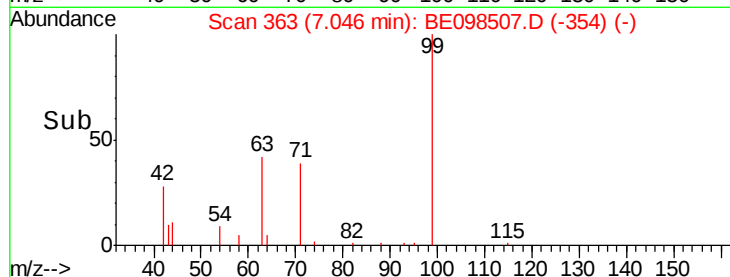
Abundance Ion 99.00 (98.70 to 99.70): BE0

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 7.30



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

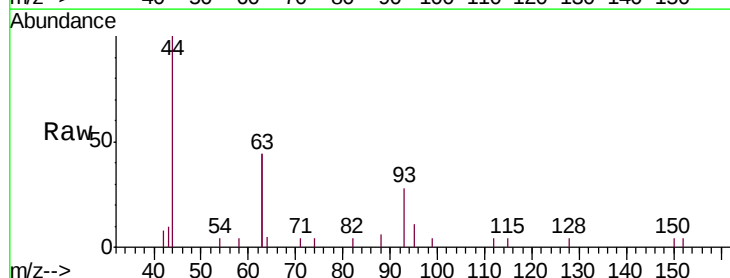
Tgt Ion: 93 Resp: 738

Ion Ratio Lower Upper

93 100

63 330.4 264.4 396.6

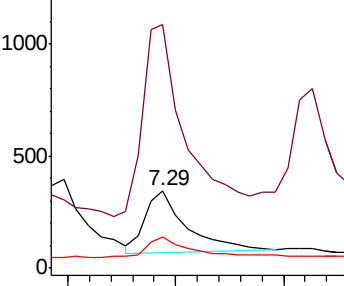
95 34.3 26.6 40.0



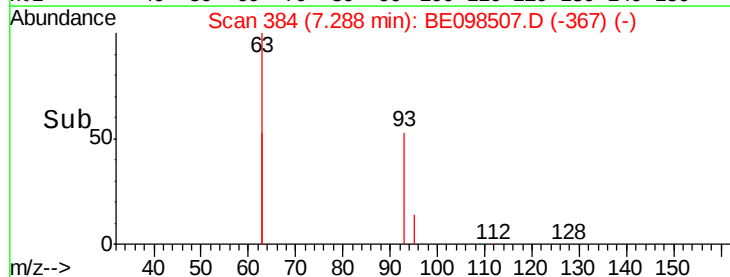
Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

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SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2824

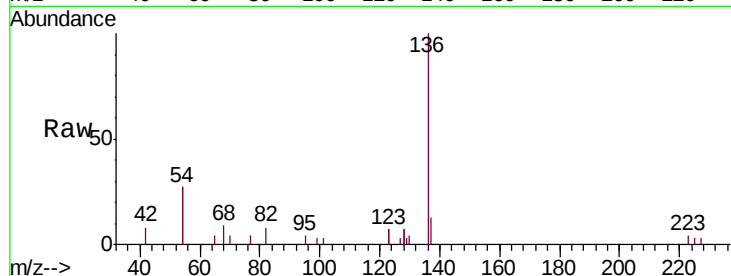
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 54.1 28.4 42.6#

68 9.0 5.4 8.0#

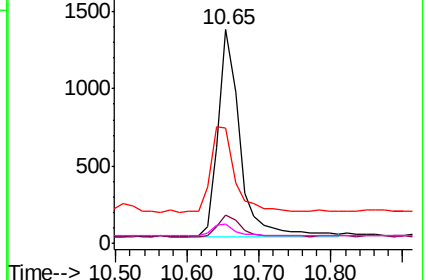
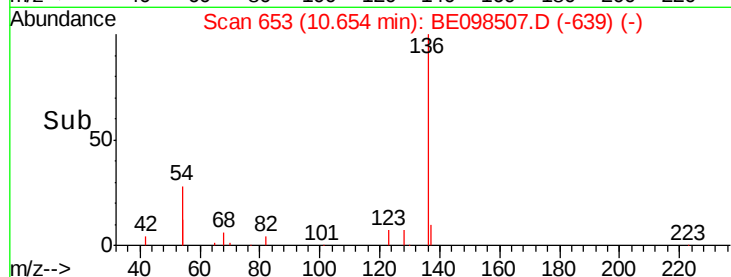


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

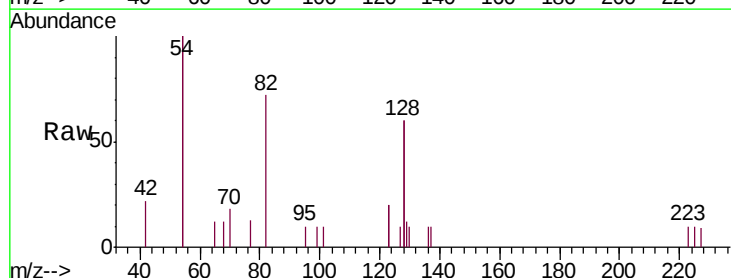
Tgt Ion: 82 Resp: 919

Ion Ratio Lower Upper

82 100

128 168.4 102.4 153.6#

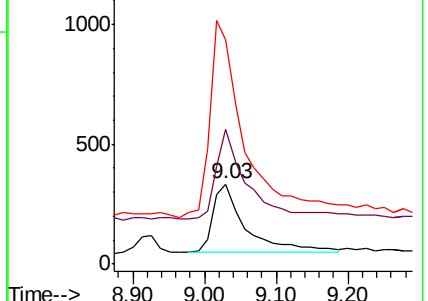
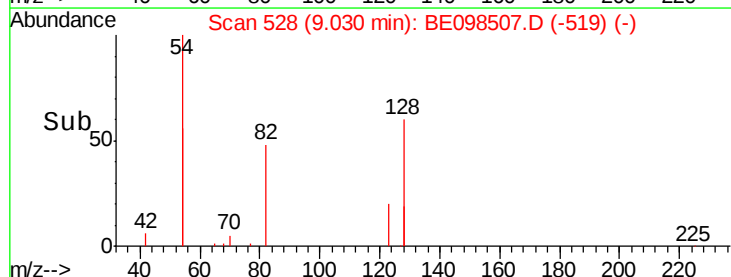
54 279.4 221.8 332.8



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: 0.417 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

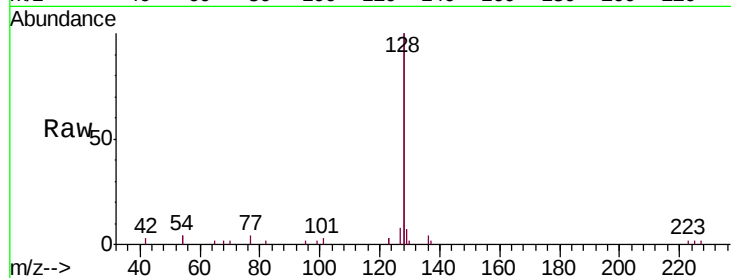
Tgt Ion:128 Resp: 11837

Ion Ratio Lower Upper

128 100

129 3.6 2.5 3.7

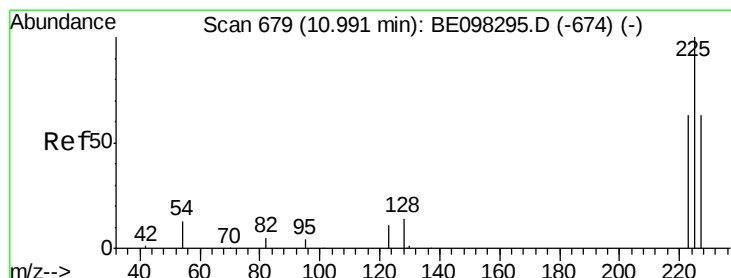
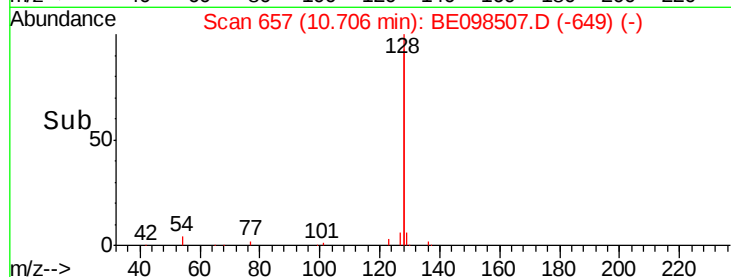
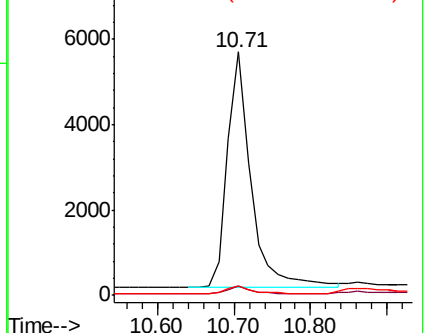
127 3.9 2.7 4.1



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: 0.487 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

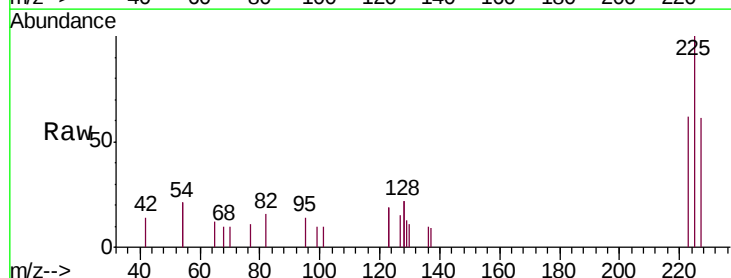
Tgt Ion:225 Resp: 882

Ion Ratio Lower Upper

225 100

223 59.4 49.4 74.0

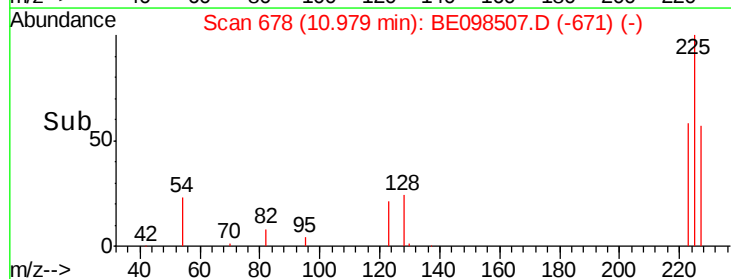
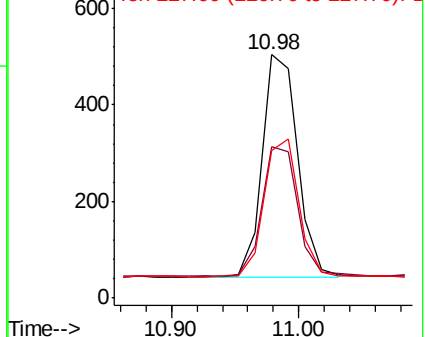
227 61.1 52.0 78.0

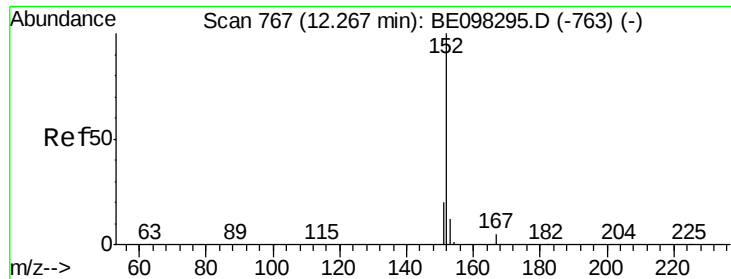


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

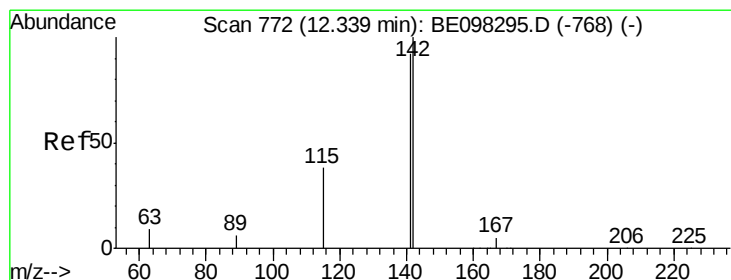
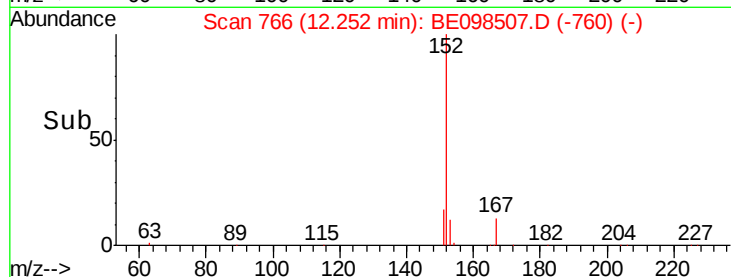
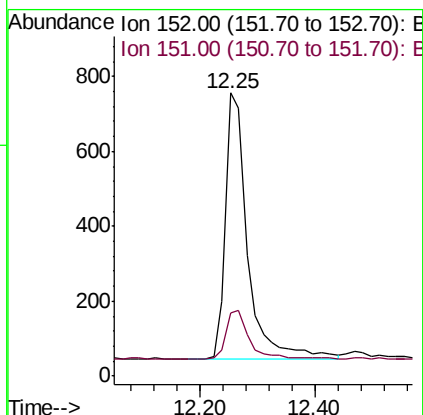
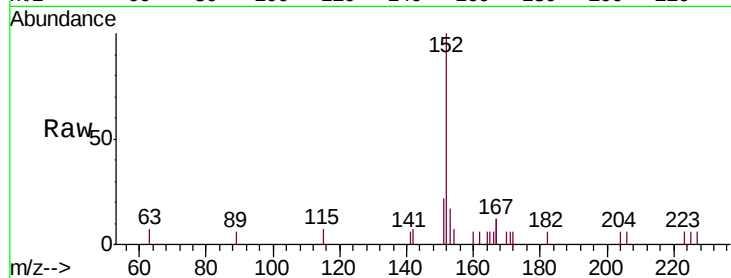




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098507.D
 Acq: 16 Dec 2018 15:09

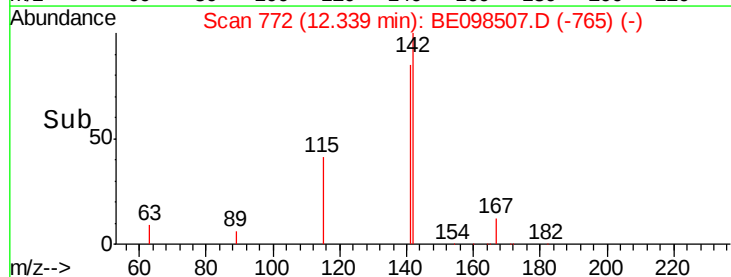
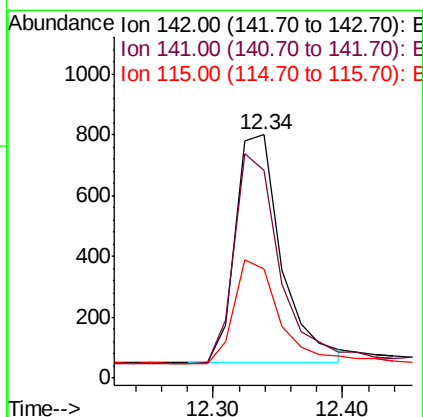
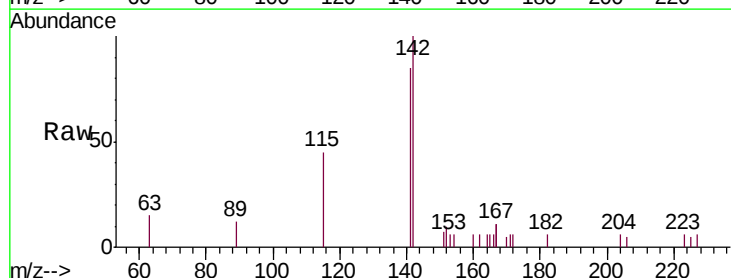
Instrument :
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Tgt Ion:152 Resp: 1923
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.403 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098507.D
 Acq: 16 Dec 2018 15:09

Tgt Ion:142 Resp: 1861
 Ion Ratio Lower Upper
 142 100
 141 85.3 71.0 106.6
 115 44.7 32.2 48.2

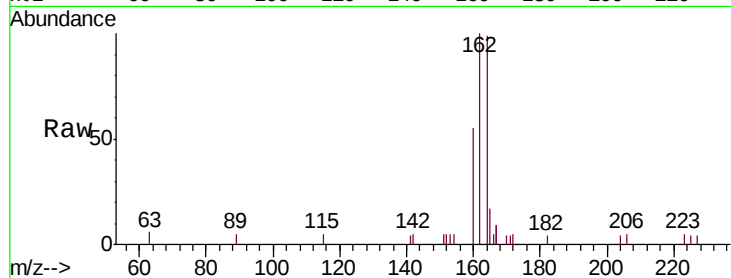




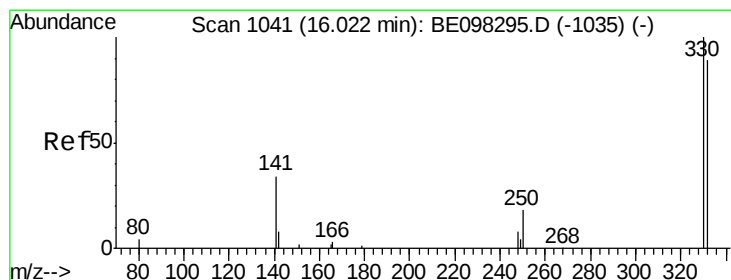
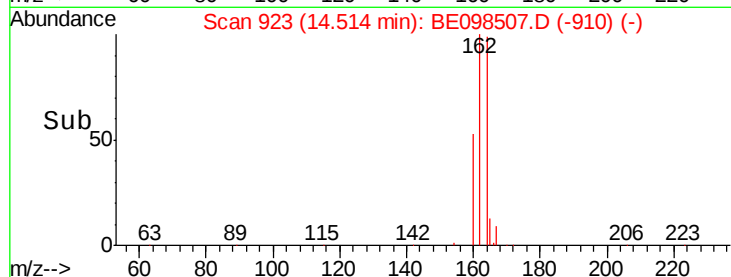
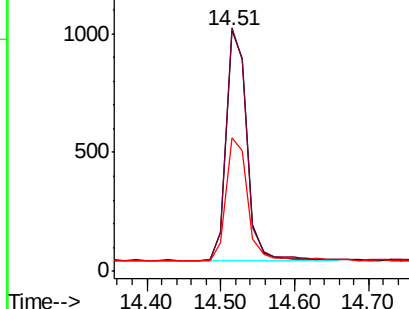
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1898
Ion Ratio Lower Upper
164 100
162 101.1 77.6 116.4
160 55.4 36.0 54.0#

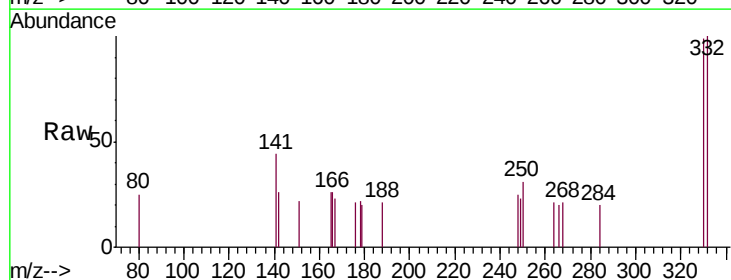


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

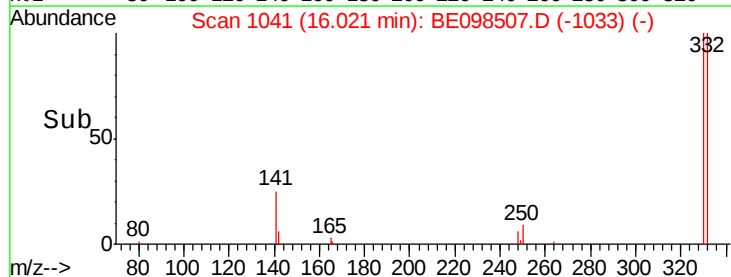
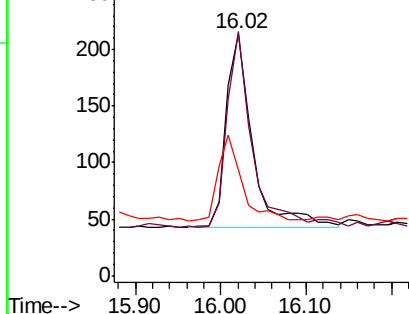


#14
2,4,6-Tribromophenol
Concen: 0.525 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:330 Resp: 366
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 41.8 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

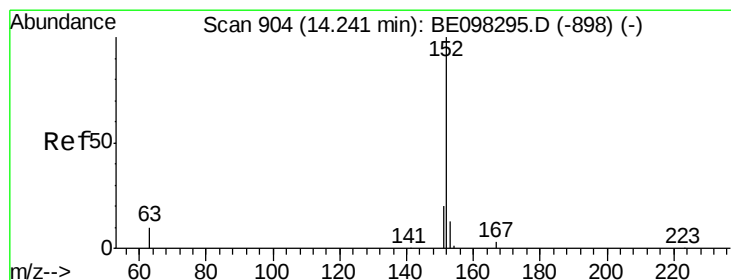
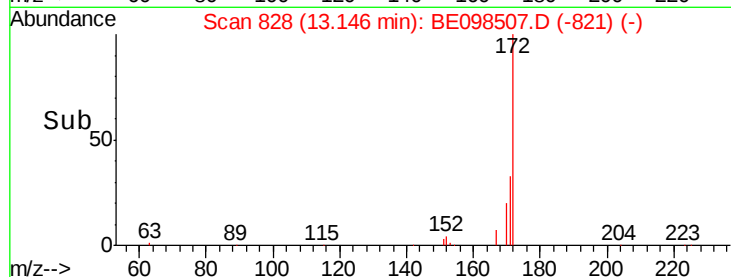
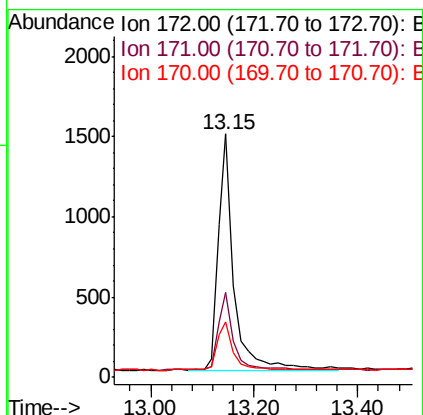
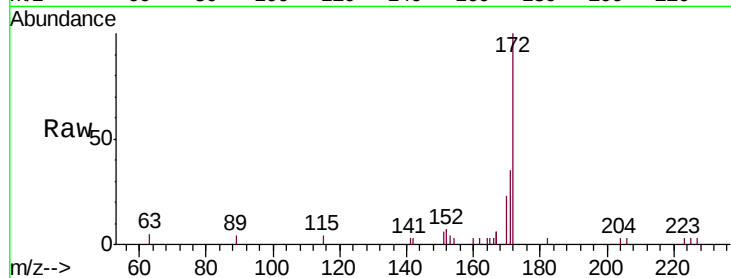




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

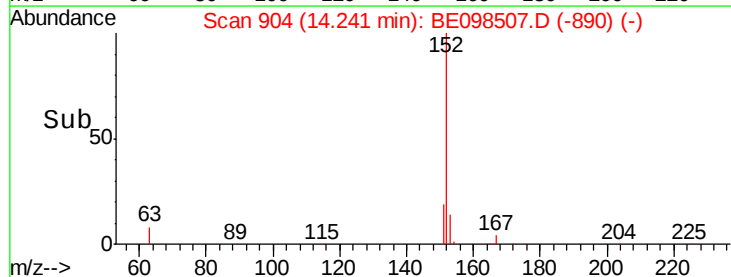
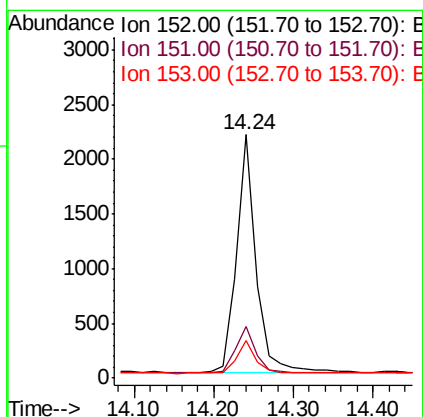
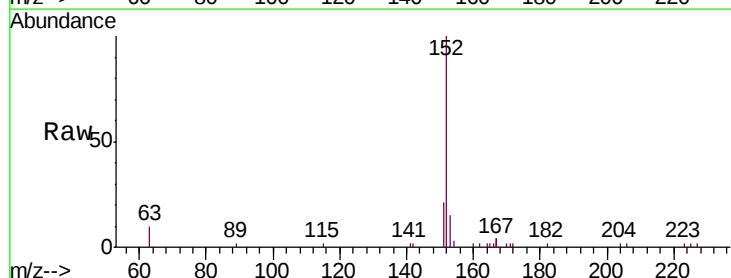
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3134
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.0 19.6 29.4



#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:152 Resp: 3681
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 14.2 10.6 16.0

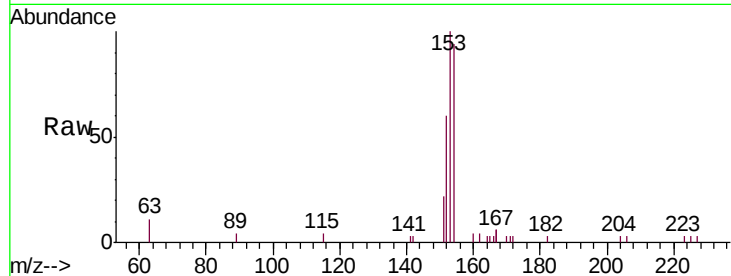




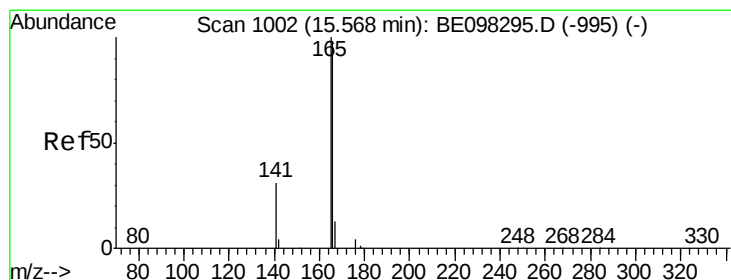
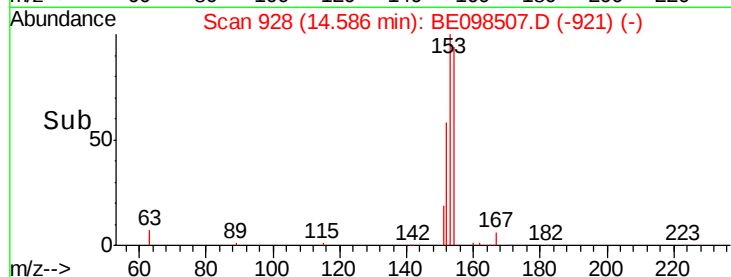
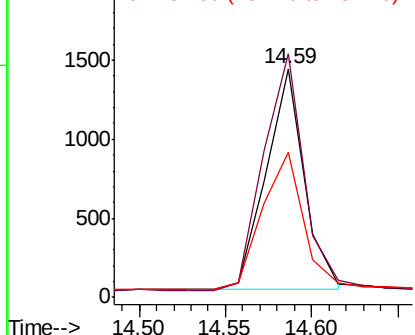
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2164
Ion Ratio Lower Upper
154 100
153 113.0 91.8 137.6
152 66.4 45.5 68.3

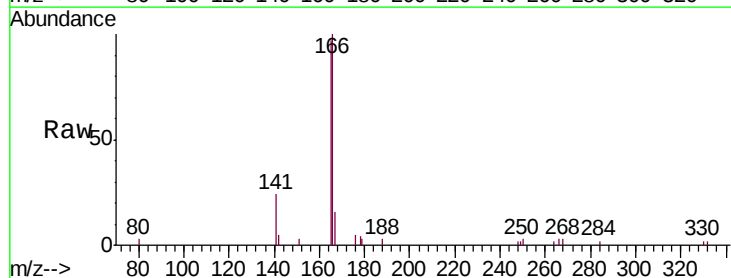


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

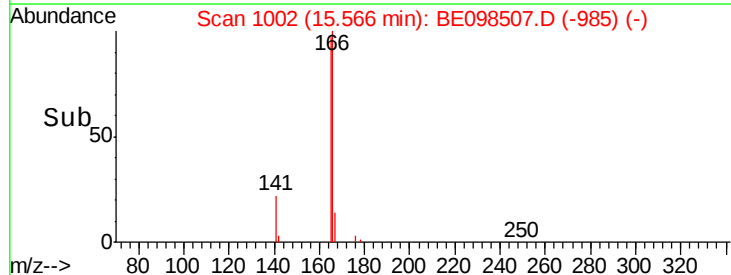
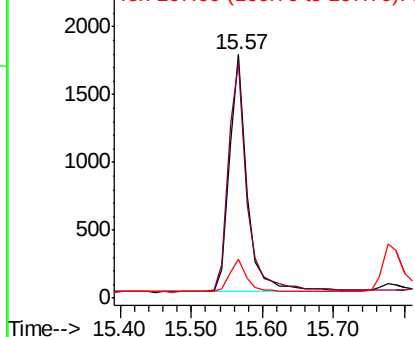


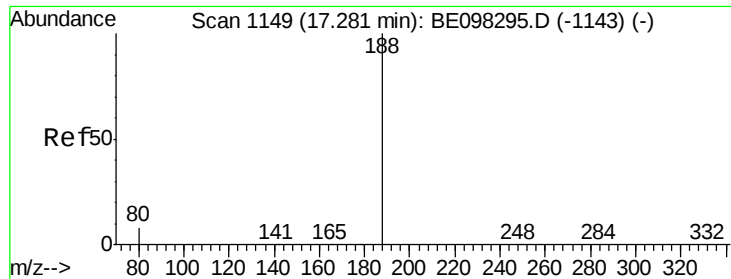
#18
Fluorene
Concen: 0.428 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:166 Resp: 3059
Ion Ratio Lower Upper
166 100
165 101.2 79.3 118.9
167 13.9 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: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

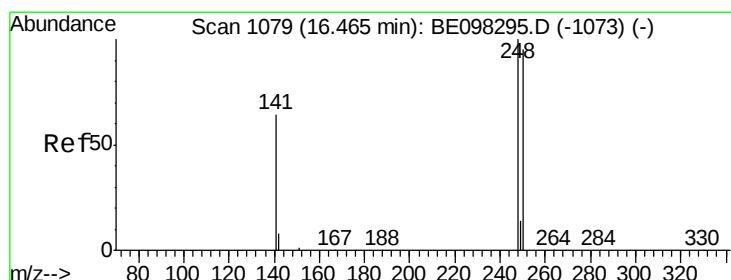
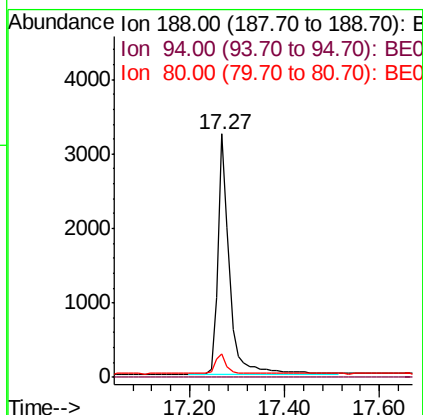
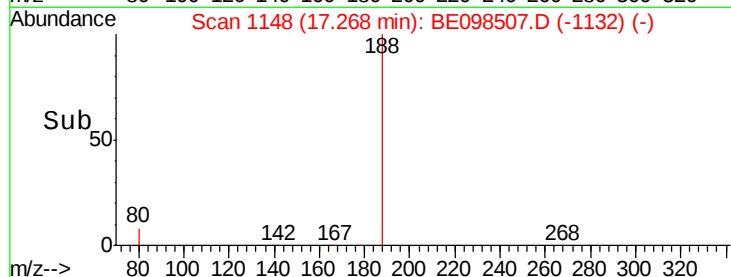
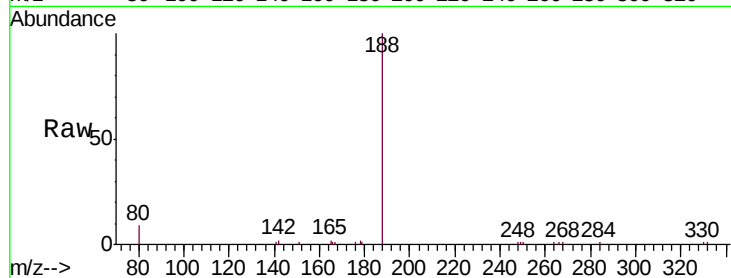
Tgt Ion:188 Resp: 5566

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.369 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

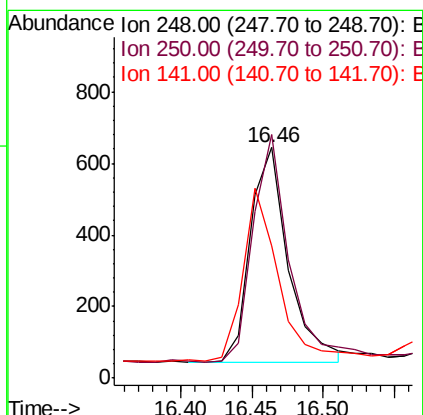
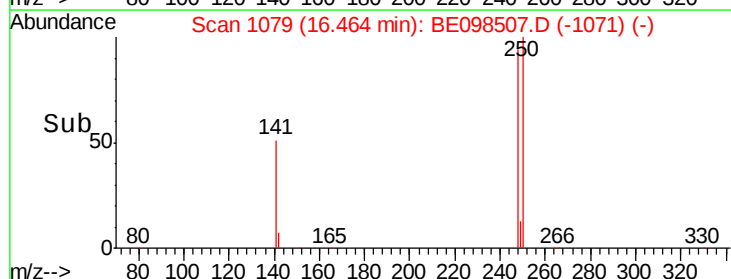
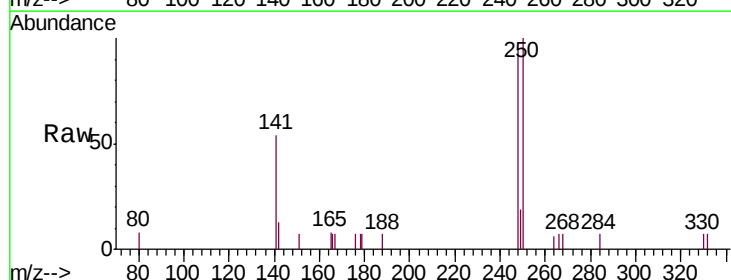
Tgt Ion:248 Resp: 1106

Ion Ratio Lower Upper

248 100

250 105.6 71.0 106.6

141 57.5 62.1 93.1#





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

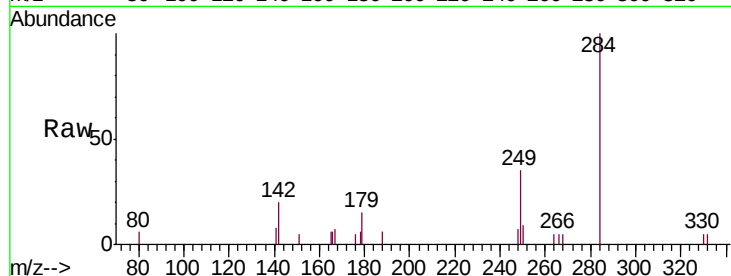
Tgt Ion:284 Resp: 1392

Ion Ratio Lower Upper

284 100

142 37.4 26.3 39.5

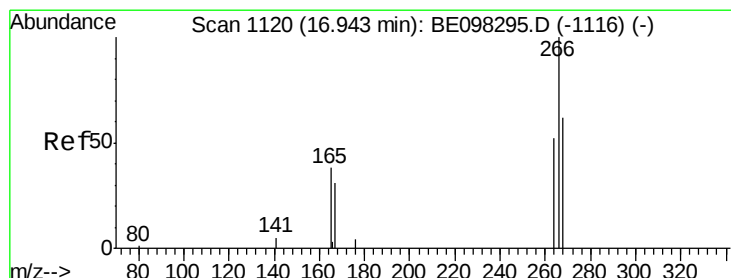
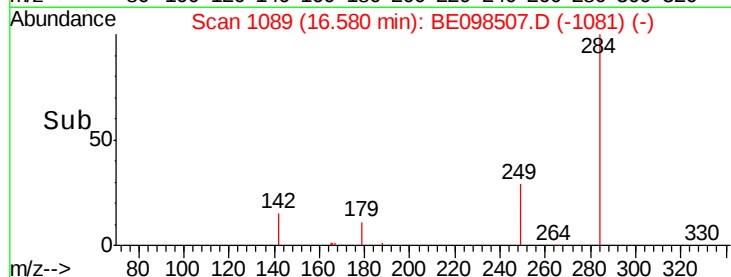
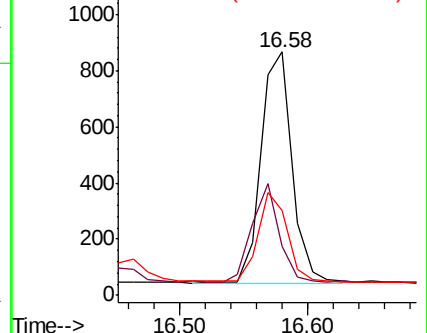
249 36.2 26.0 39.0



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: 0.702 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

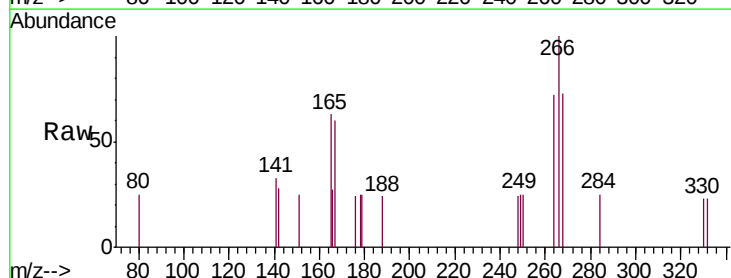
Tgt Ion:266 Resp: 402

Ion Ratio Lower Upper

266 100

264 72.0 59.0 88.4

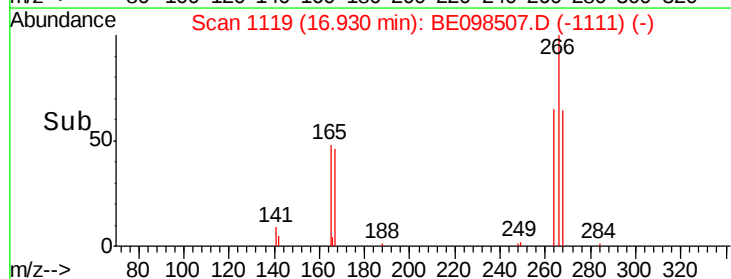
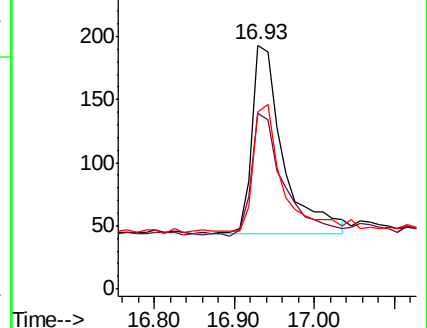
268 72.5 55.1 82.7



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: 0.409 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

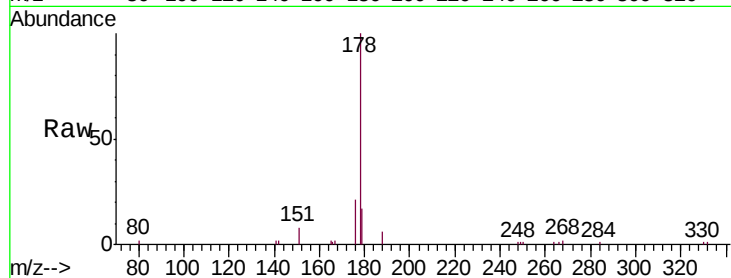
Tgt Ion:178 Resp: 5537

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

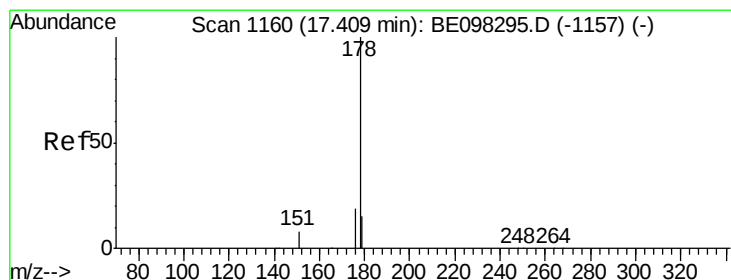
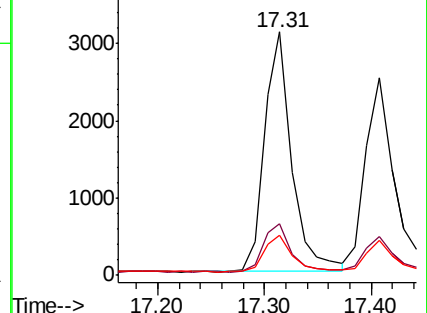
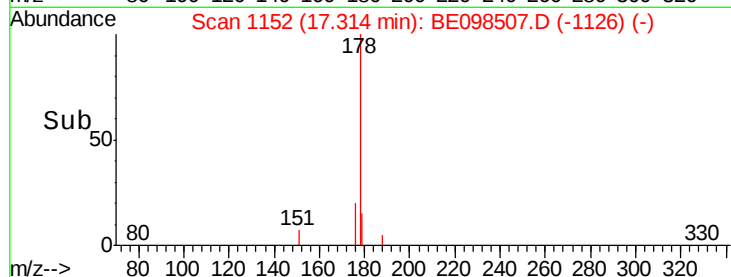
179 15.5 12.3 18.5



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: 0.365 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

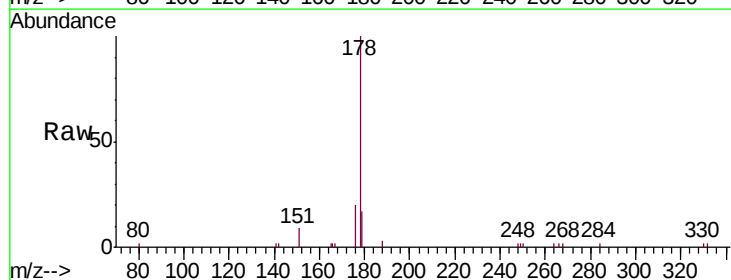
Tgt Ion:178 Resp: 4406

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

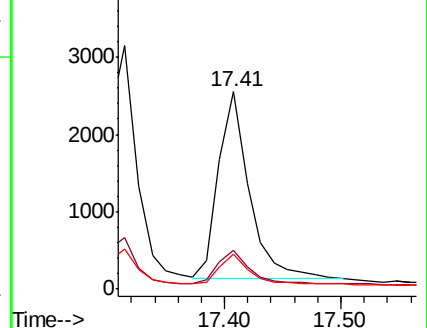
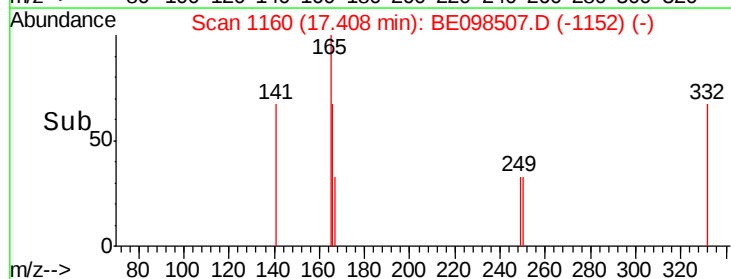
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

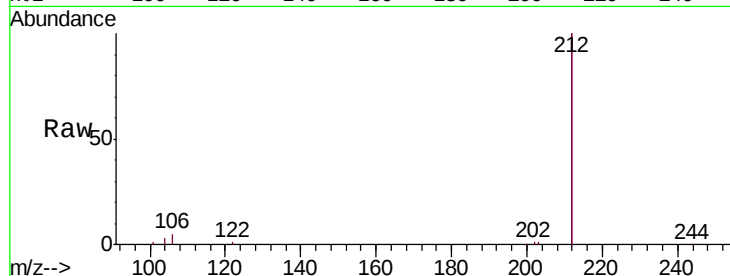
Tgt Ion:212 Resp: 32449

Ion Ratio Lower Upper

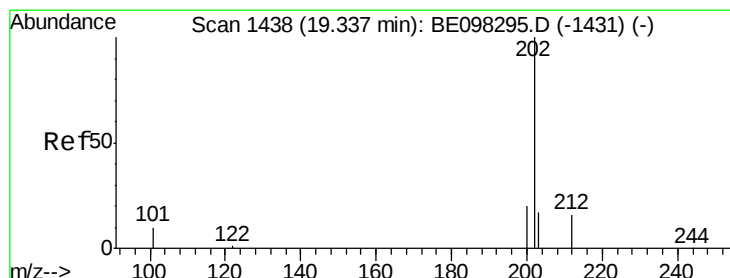
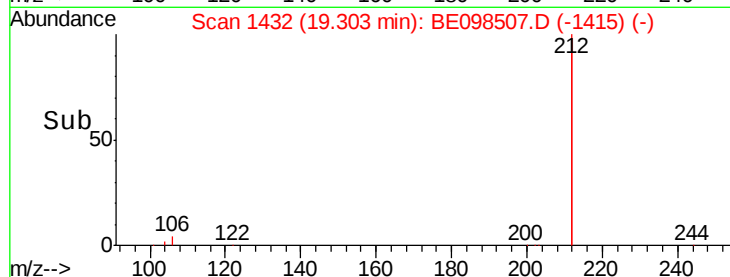
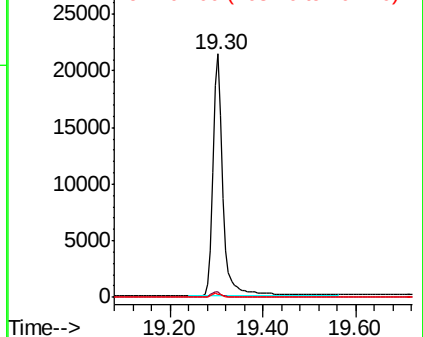
212 100

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: 0.459 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

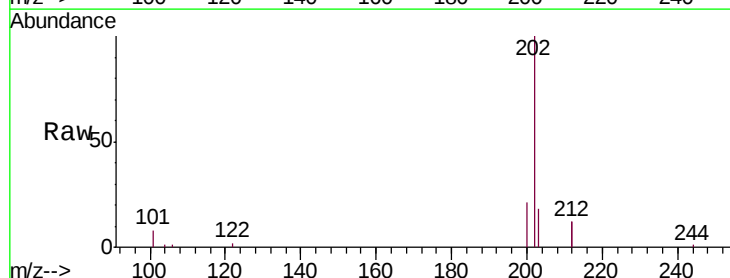
Tgt Ion:202 Resp: 8213

Ion Ratio Lower Upper

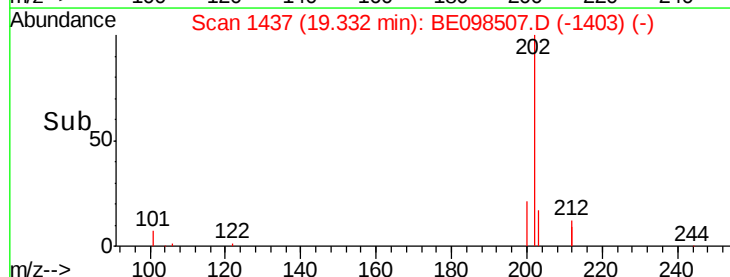
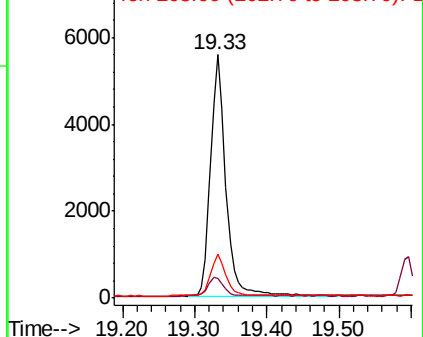
202 100

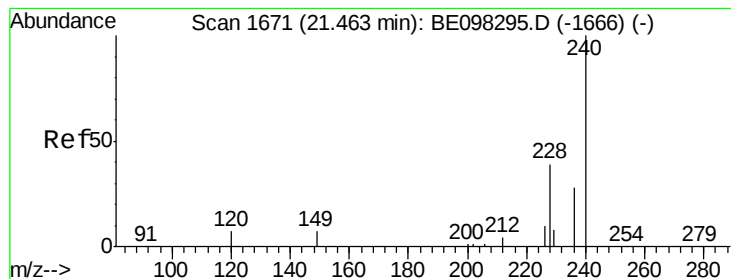
101 8.1 8.0 12.0

203 16.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

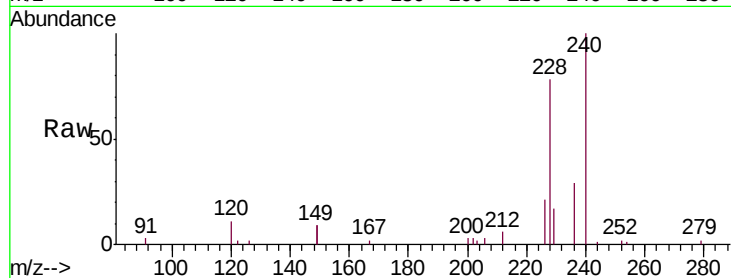
Tgt Ion:240 Resp: 7457

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 29.1 22.7 34.1

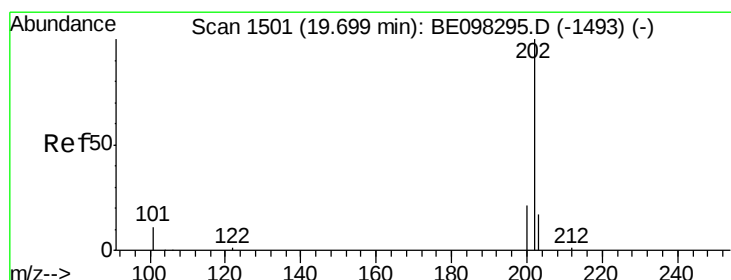
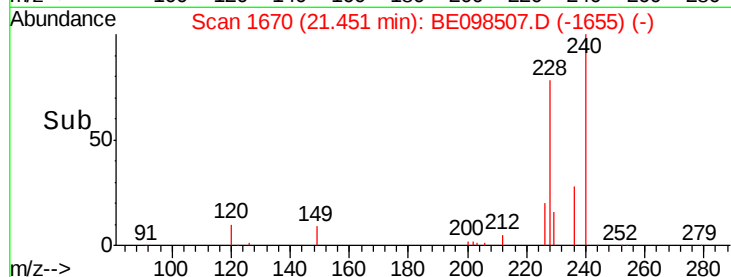
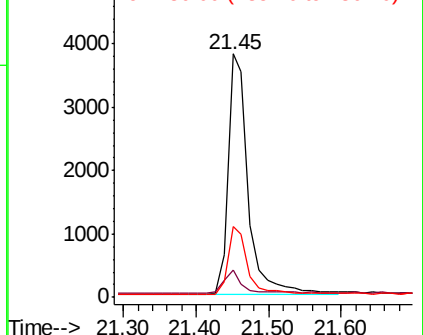


Abundance

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: 0.383 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

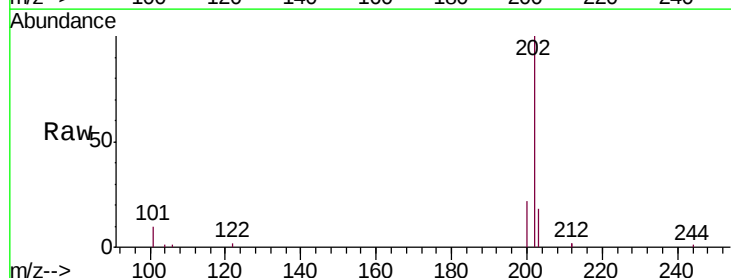
Tgt Ion:202 Resp: 8962

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 17.8 14.1 21.1

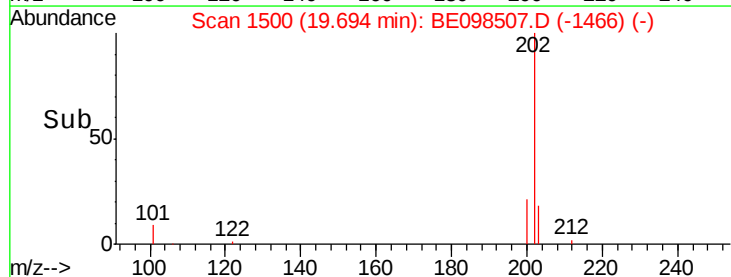
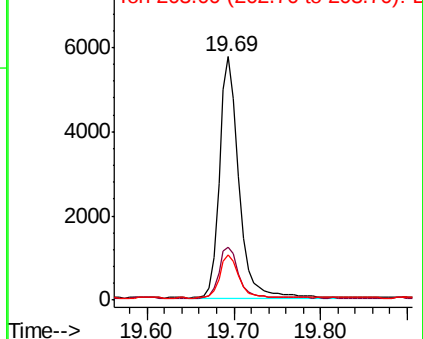


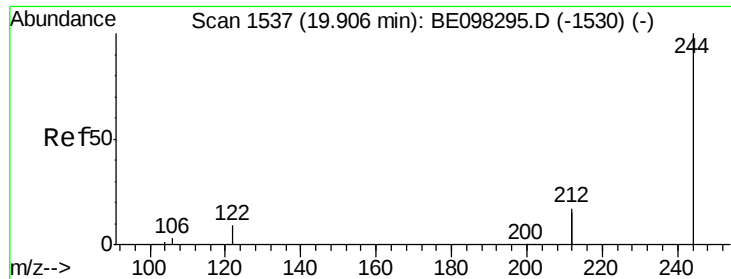
Abundance

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: 0.342 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

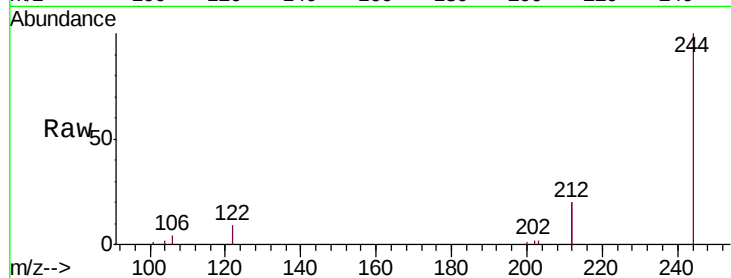
Tgt Ion:244 Resp: 6198

Ion Ratio Lower Upper

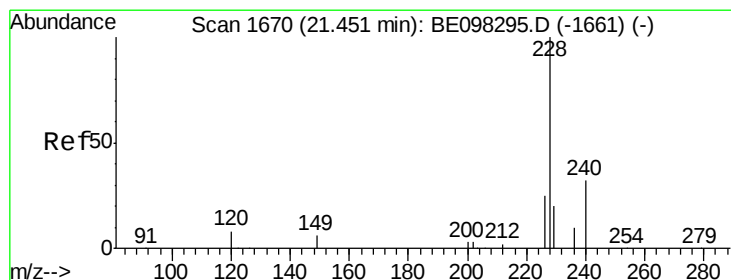
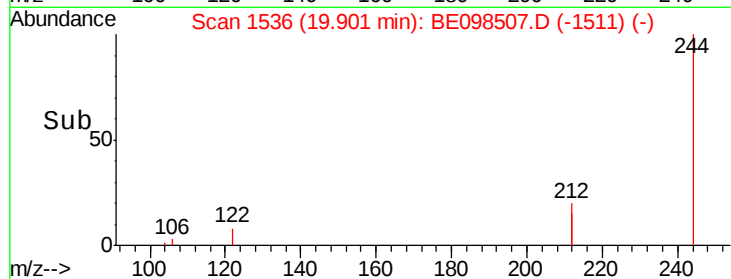
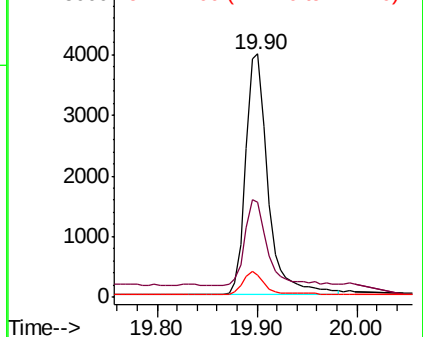
244 100

212 39.3 27.4 41.0

122 8.9 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: 0.420 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

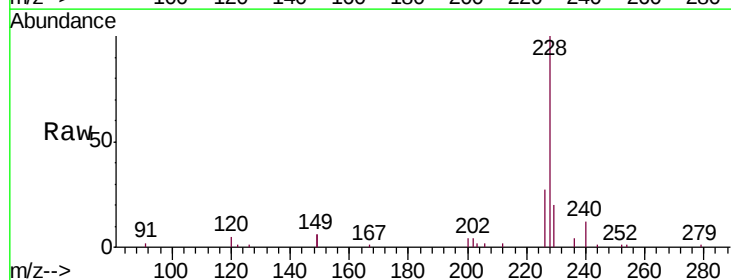
Tgt Ion:228 Resp: 8917

Ion Ratio Lower Upper

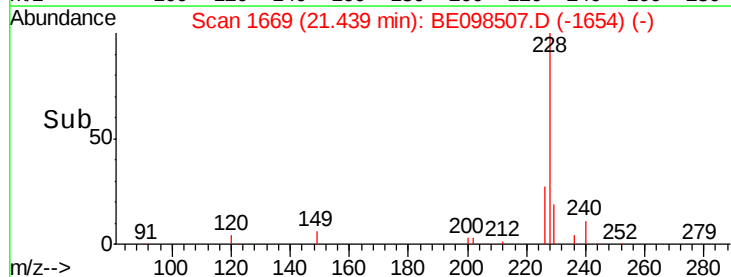
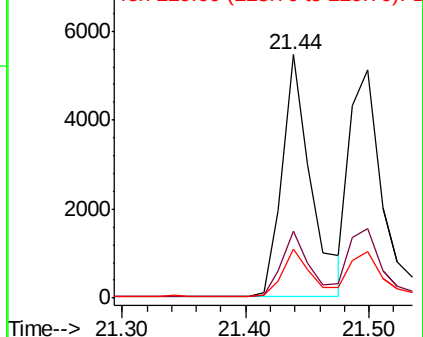
228 100

226 27.3 21.8 32.8

229 19.9 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: 0.398 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

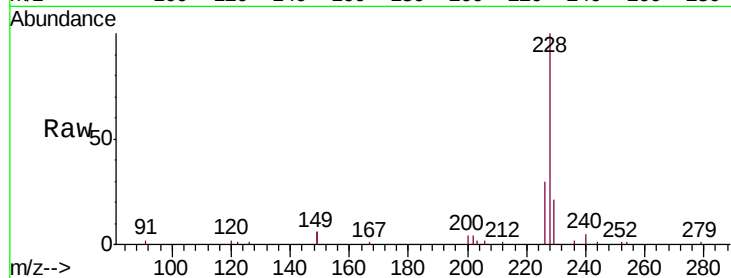
Tgt Ion:228 Resp: 8860

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

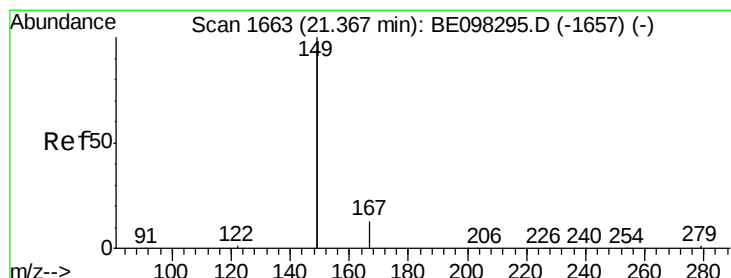
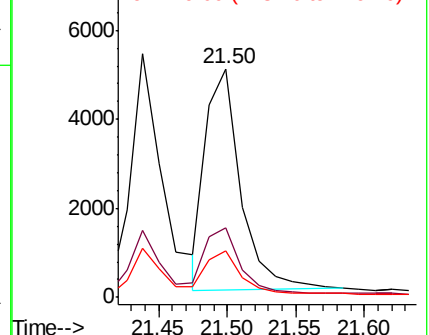
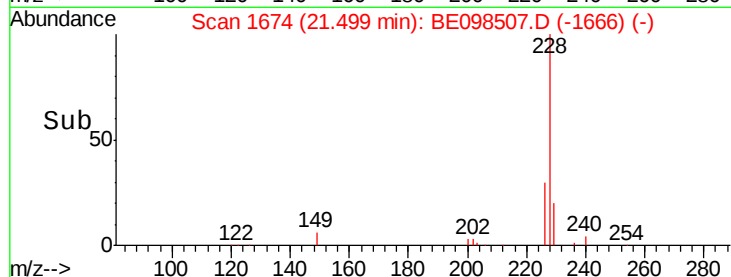
229 20.6 16.2 24.4



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: 0.319 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

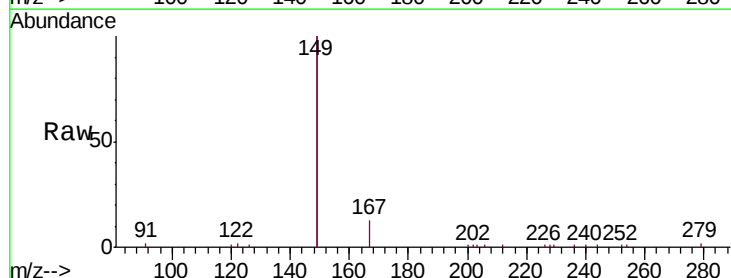
Tgt Ion:149 Resp: 13750

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

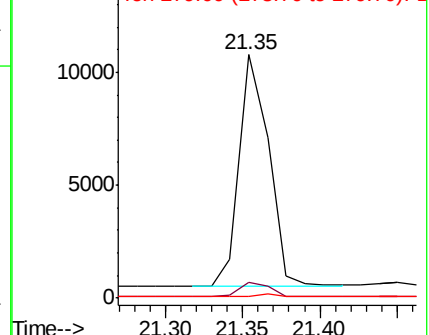
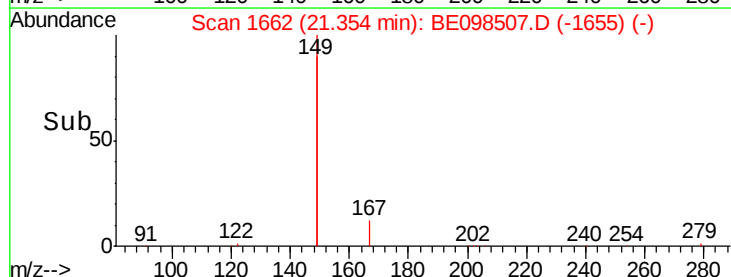
279 1.1 1.0 1.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

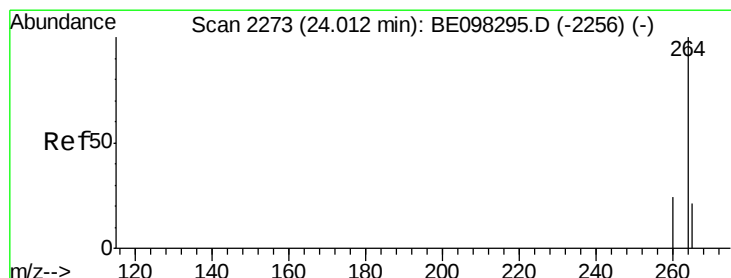
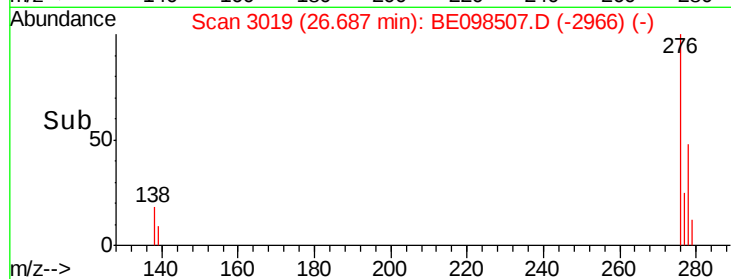
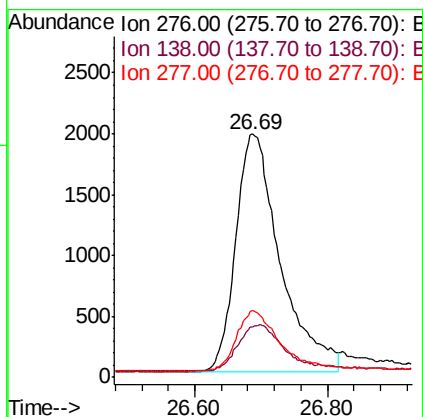
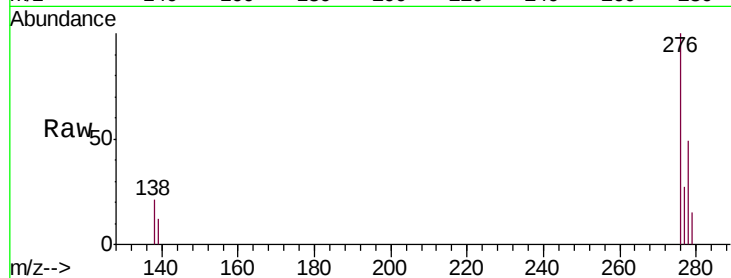




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.411 ng
 RT: 26.69 min Scan# 3019
 Delta R.T. -0.01 min
 Lab File: BE098507.D
 Acq: 16 Dec 2018 15:09

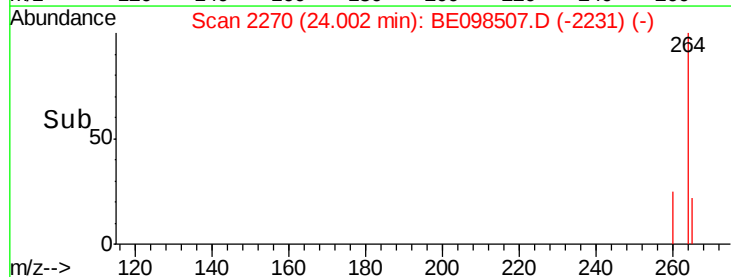
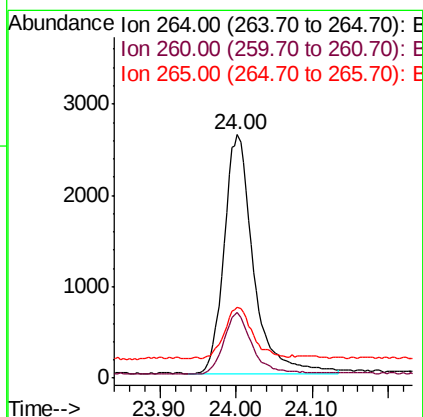
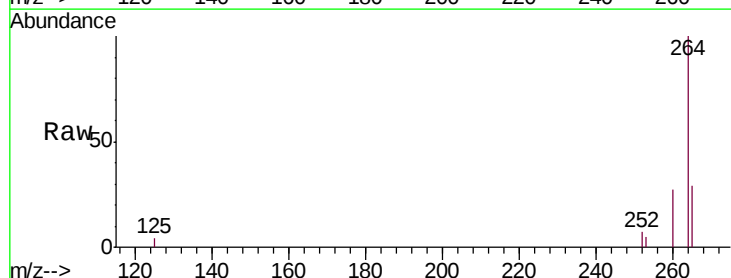
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:276 Resp: 9108
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.3 24.5
 277 25.8 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098507.D
 Acq: 16 Dec 2018 15:09

Tgt Ion:264 Resp: 6977
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 28.9 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.422 ng

RT: 23.22 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

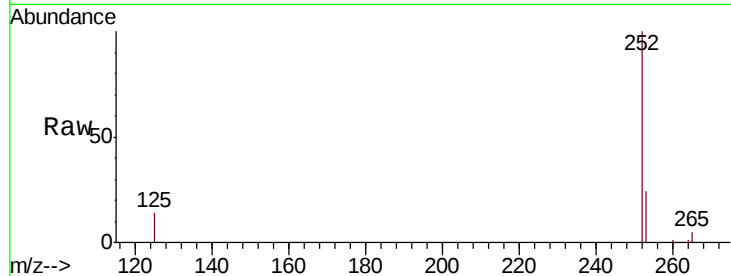
Tgt Ion:252 Resp: 8060

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

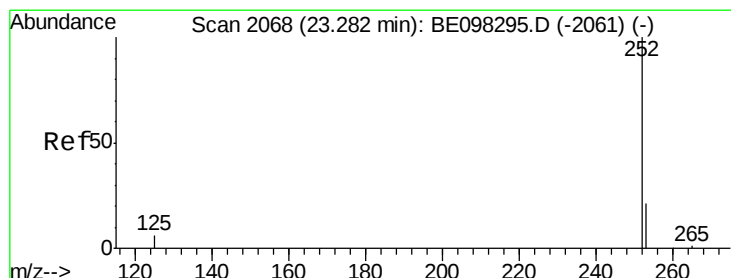
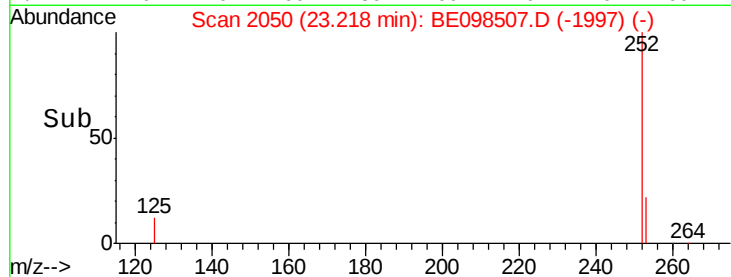
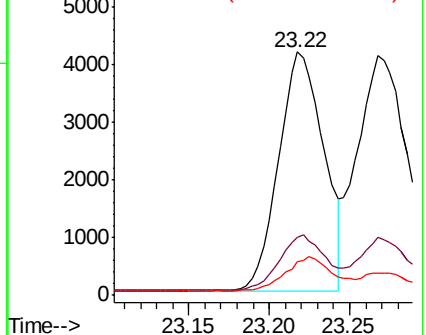
125 13.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.438 ng

RT: 23.27 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

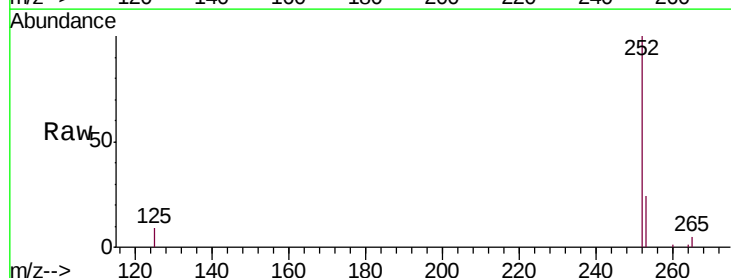
Tgt Ion:252 Resp: 9729

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

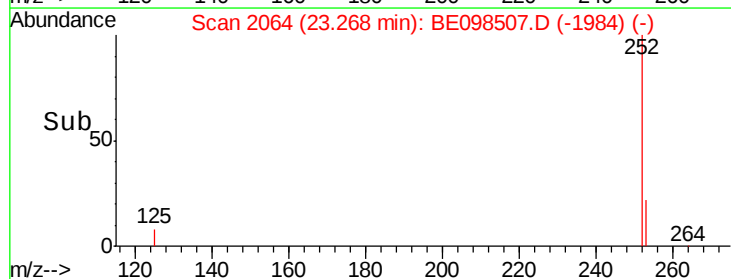
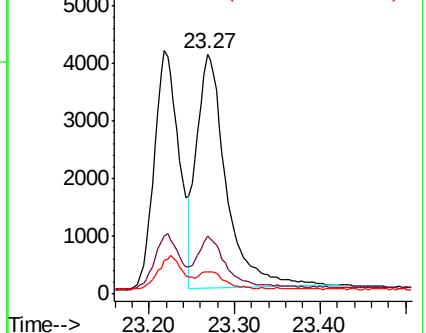
125 9.5 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

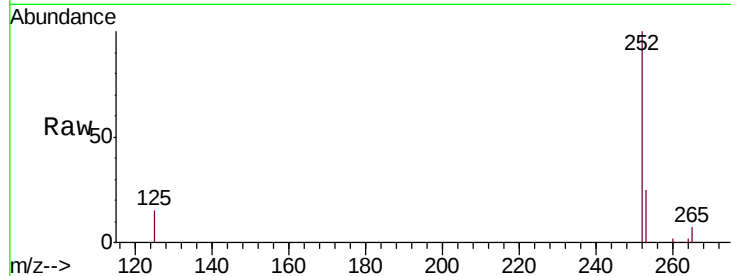
Tgt Ion: 252 Resp: 8375

Ion Ratio Lower Upper

252 100

253 24.5 20.6 30.8

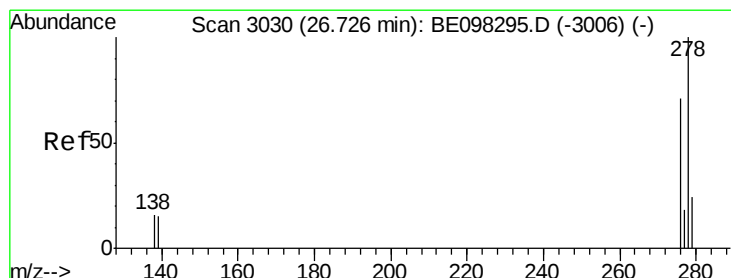
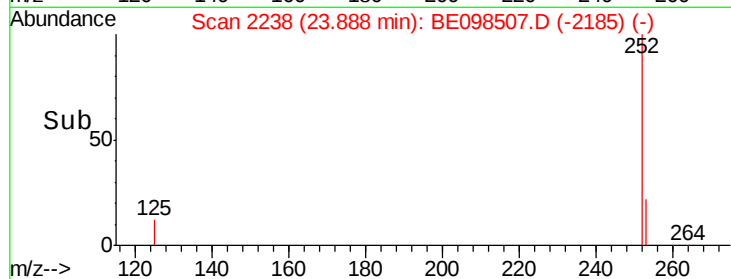
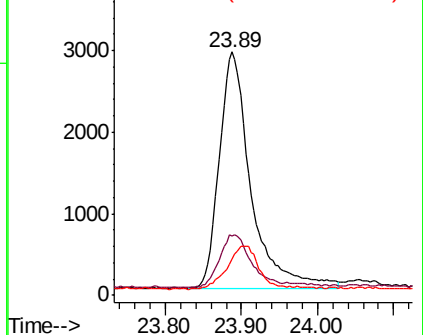
125 14.7 10.5 15.7



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: 0.395 ng

RT: 26.71 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

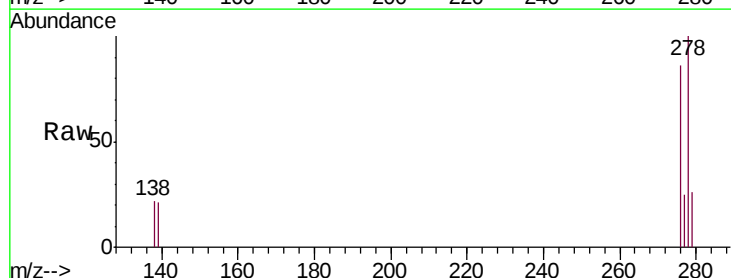
Tgt Ion: 278 Resp: 7325

Ion Ratio Lower Upper

278 100

139 21.0 14.5 21.7

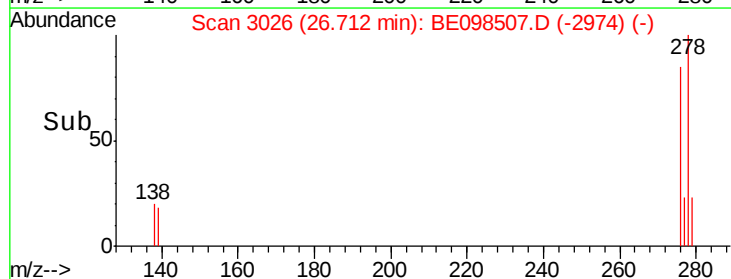
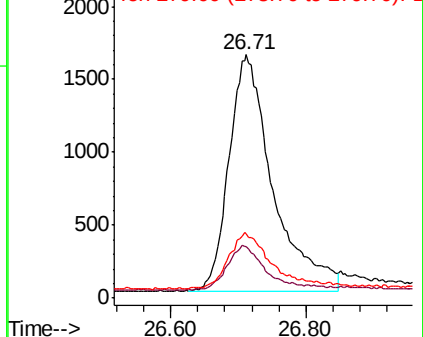
279 26.5 21.8 32.8



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(g,h,i)perylene

Concen: 0.433 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098507.D

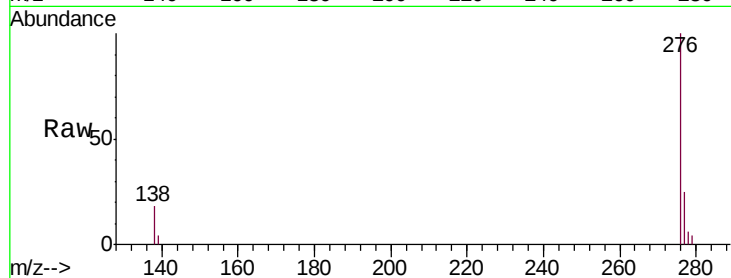
Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



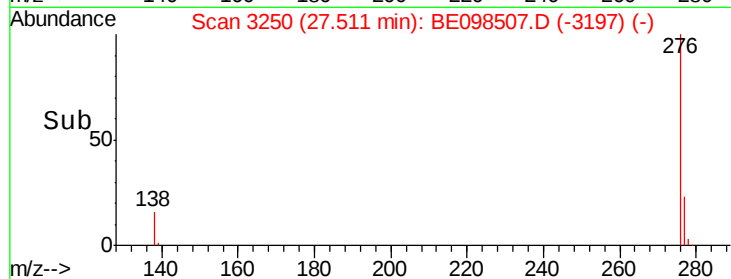
Tgt Ion: 276 Resp: 8088

Ion Ratio Lower Upper

276 100

277 24.7 20.8 31.2

138 18.0 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

