

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\REVIEWED DATA\
 Data File : BE098454.D
 Acq On : 15 Dec 2018 3:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 22 04:16:12 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	1574	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	6647	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	4225	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	11302	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	13599	0.40	ng	-0.01
34) Perylene-d12	24.00	264	13237	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1582	0.43	ng	0.00
5) Phenol-d6	7.04	99	2241	0.43	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2270	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	4098	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	715	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6660	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	55317	0.38	ng	0.00
29) Terphenyl-d14	19.90	244	10450	0.32	ng	0.00

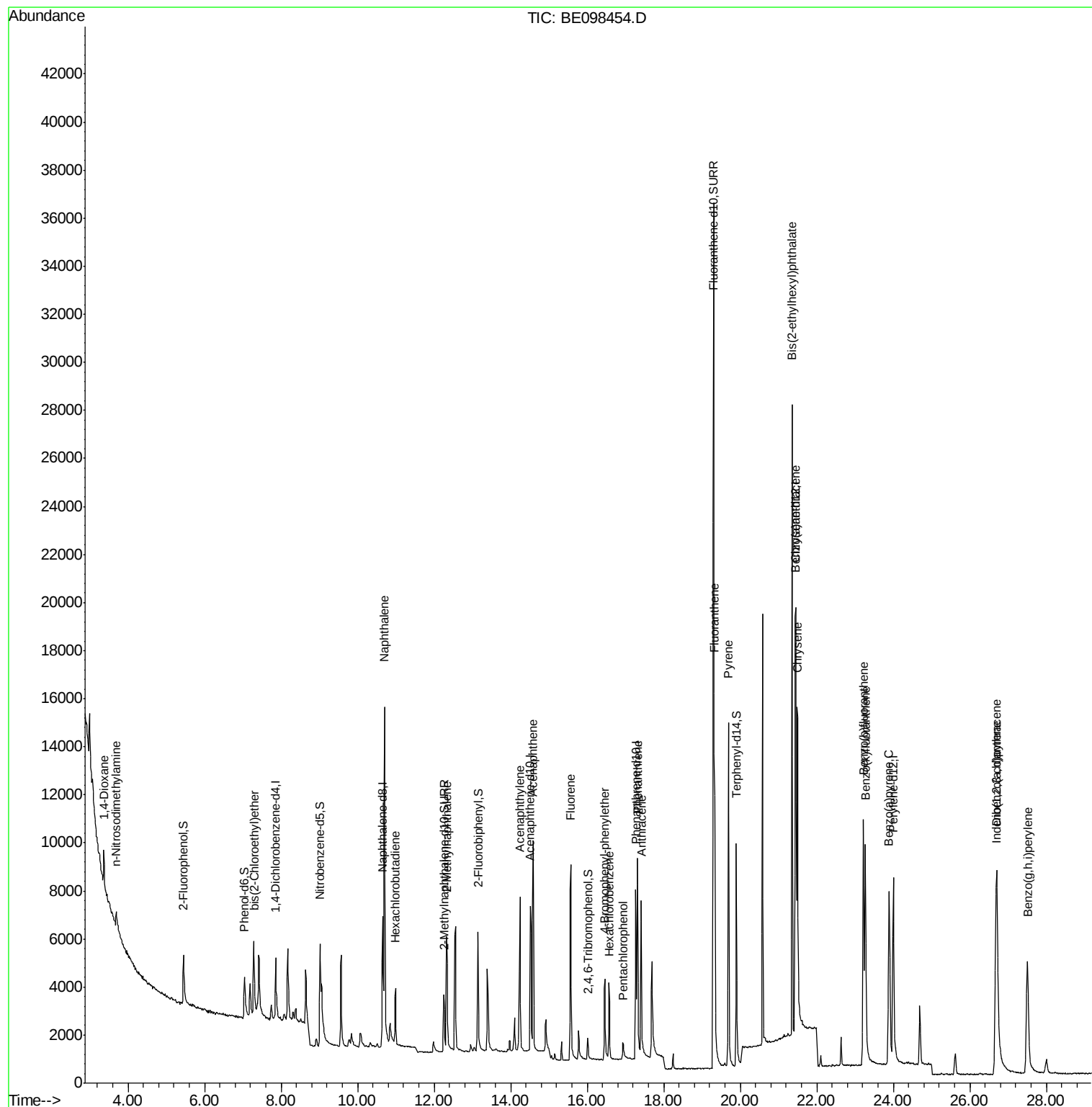
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	802	0.295	ng	98
3) n-Nitrosodimethylamine	3.70	42	712	0.291	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1649	0.333	ng	95
9) Naphthalene	10.70	128	26395	0.395	ng	100
10) Hexachlorobutadiene	10.99	225	1732	0.407	ng	97
12) 2-Methylnaphthalene	12.32	142	4060	0.374	ng	94
16) Acenaphthylene	14.24	152	7730	0.391	ng	98
17) Acenaphthene	14.59	154	4500	0.378	ng	95
18) Fluorene	15.57	166	6111	0.384	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	2255	0.371	ng	# 81
21) Hexachlorobenzene	16.58	284	2542	0.389	ng	96
22) Pentachlorophenol	16.94	266	614	0.553	ng	97
23) Phenanthrene	17.31	178	10331	0.376	ng	99
24) Anthracene	17.41	178	8708	0.356	ng	100
26) Fluoranthene	19.33	202	14090	0.388	ng	99
28) Pyrene	19.69	202	14762	0.346	ng	99
30) Benzo(a)anthracene	21.44	228	14062	0.363	ng	99
31) Chrysene	21.50	228	15472	0.381	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	28899	0.367	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	16143	0.400	ng	97
35) Benzo(b)fluoranthene	23.22	252	14020	0.387	ng	# 93
36) Benzo(k)fluoranthene	23.27	252	16581	0.393	ng	97
37) Benzo(a)pyrene	23.88	252	14506	0.388	ng	97
38) Dibenzo(a,h)anthracene	26.70	278	13309	0.378	ng	# 87
39) Benzo(g,h,i)perylene	27.50	276	13376	0.377	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\REVIEWED DATA\
Data File : BE098454.D
Acq On : 15 Dec 2018 3:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 22 04:16:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

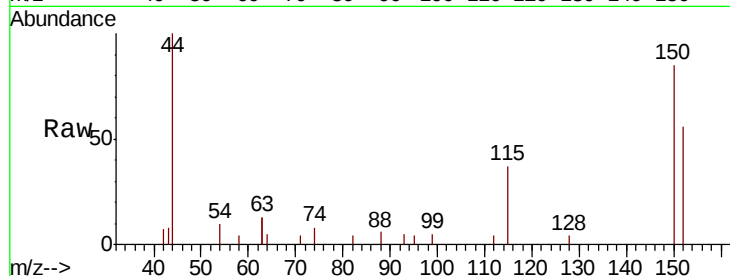
Tgt Ion:152 Resp: 1574

Ion Ratio Lower Upper

152 100

150 150.3 124.2 186.4

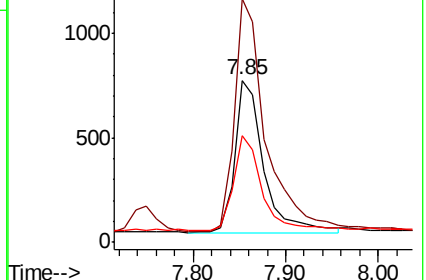
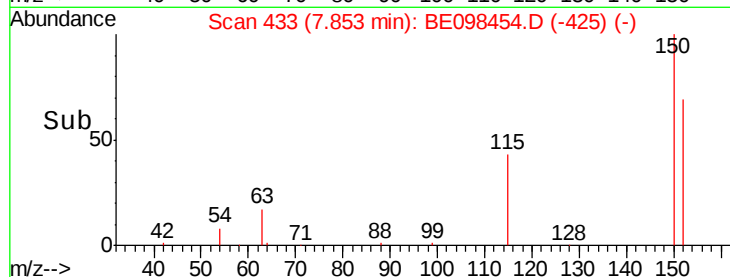
115 65.9 53.9 80.9



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



#2

1,4-Dioxane

Concen: 0.295 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

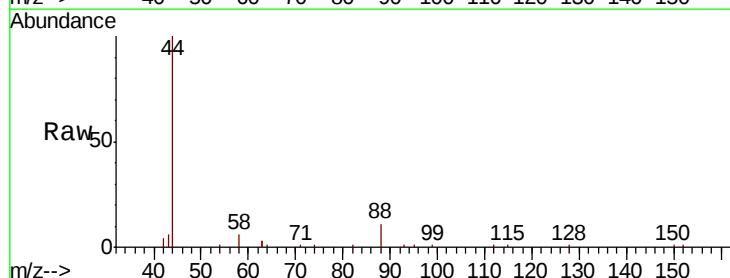
Tgt Ion: 88 Resp: 802

Ion Ratio Lower Upper

88 100

58 91.9 75.0 112.6

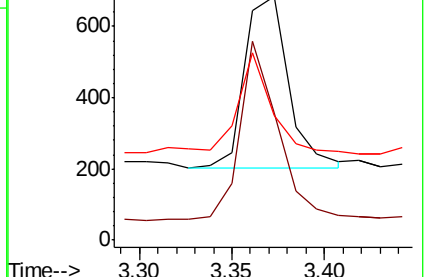
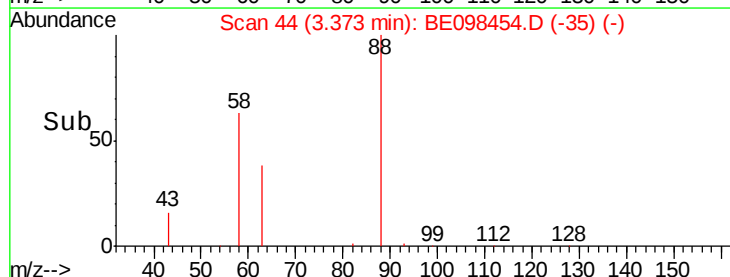
43 49.4 38.3 57.5



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: 0.291 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

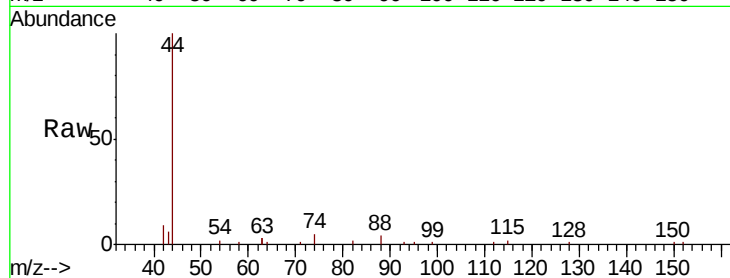
Tgt Ion: 42 Resp: 712

Ion Ratio Lower Upper

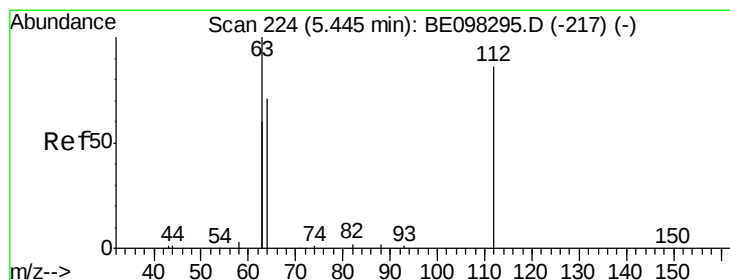
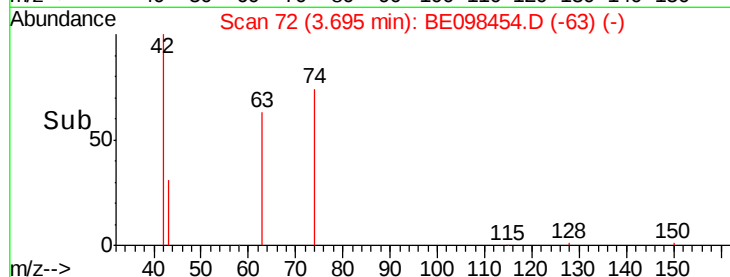
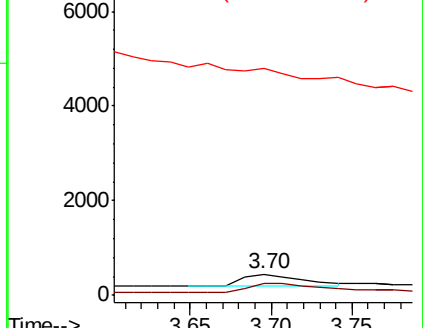
42 100

74 79.5 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: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

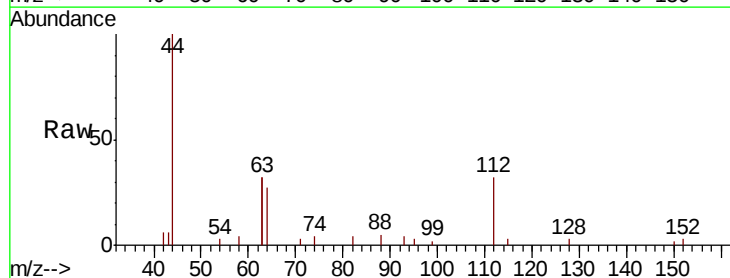
Tgt Ion: 112 Resp: 1582

Ion Ratio Lower Upper

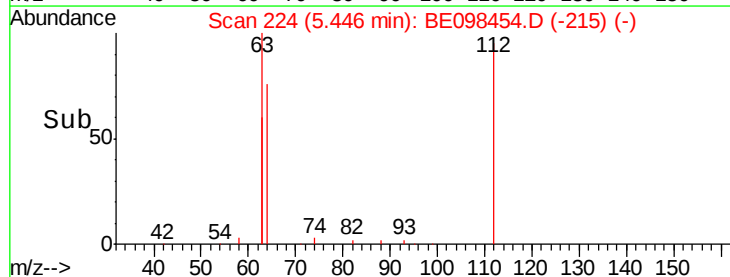
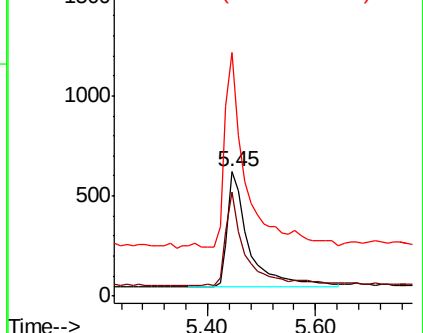
112 100

64 71.6 59.8 89.8

63 168.0 133.7 200.5



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: 0.429 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

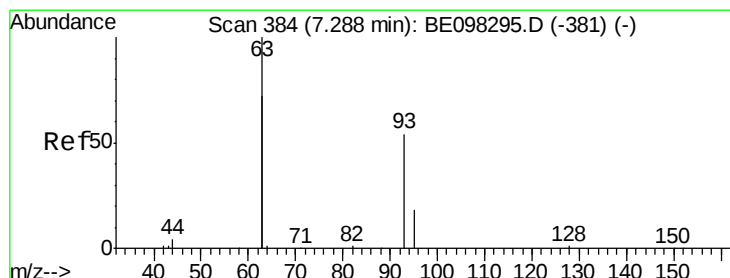
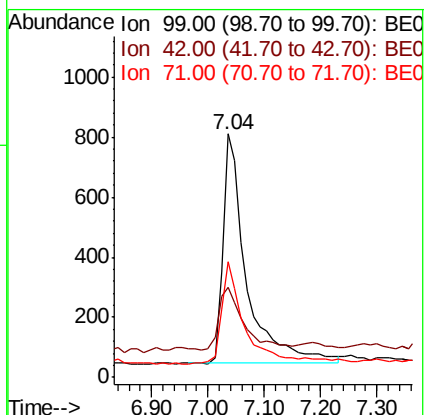
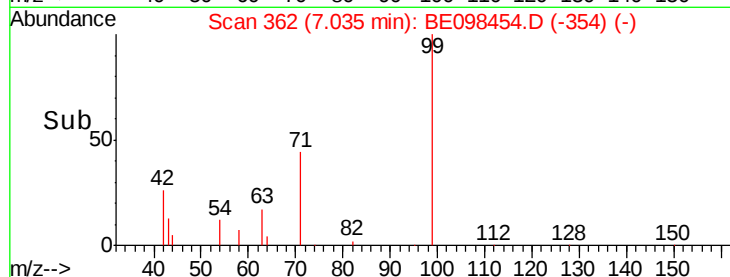
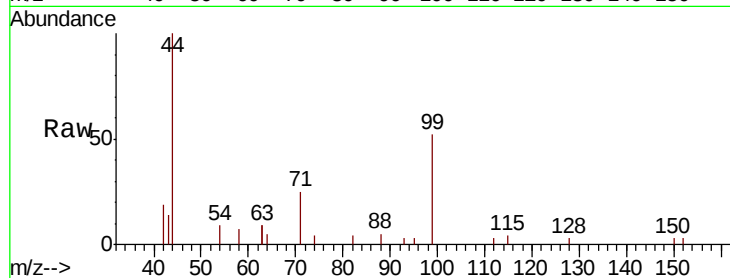
Tgt Ion: 99 Resp: 2241

Ion Ratio Lower Upper

99 100

42 28.5 26.3 39.5

71 45.2 33.6 50.4



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

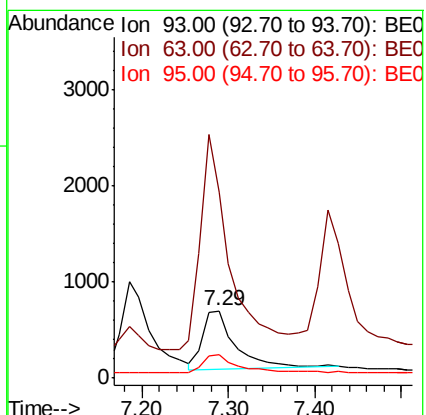
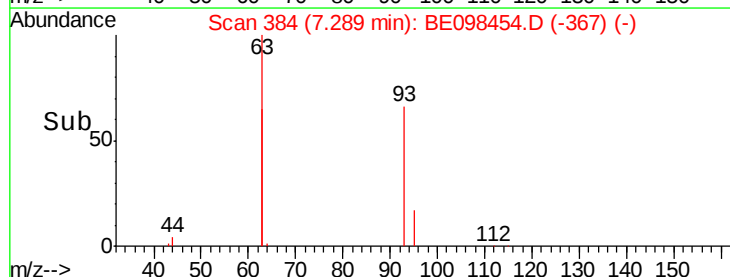
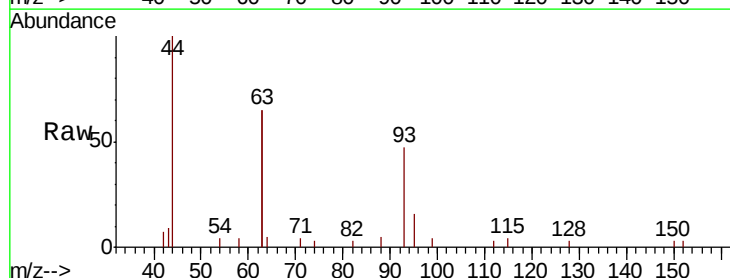
Tgt Ion: 93 Resp: 1649

Ion Ratio Lower Upper

93 100

63 319.2 264.4 396.6

95 31.9 26.6 40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6647

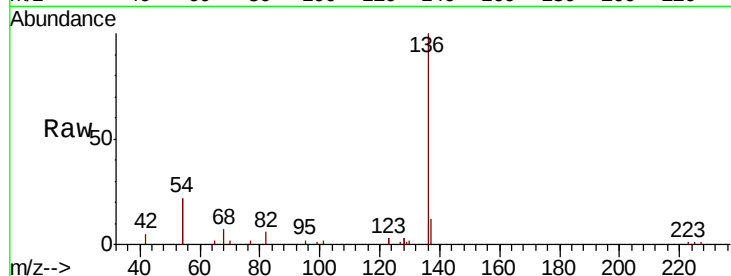
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 44.4 28.4 42.6#

68 7.4 5.4 8.0

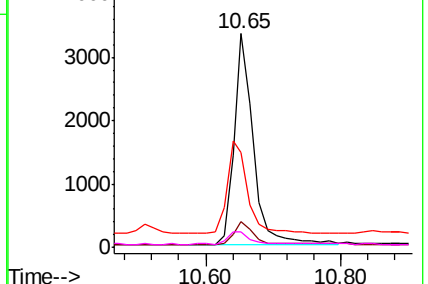
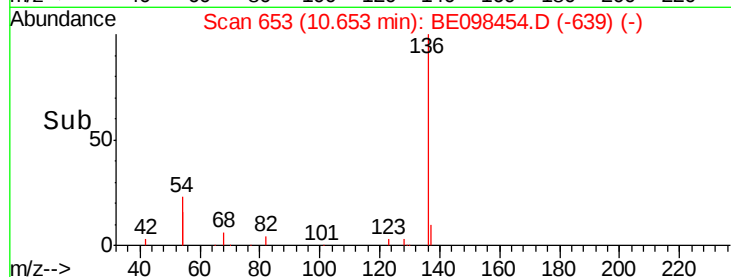


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

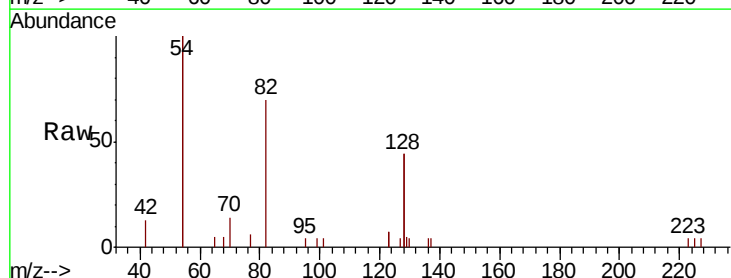
Tgt Ion: 82 Resp: 2270

Ion Ratio Lower Upper

82 100

128 125.9 102.4 153.6

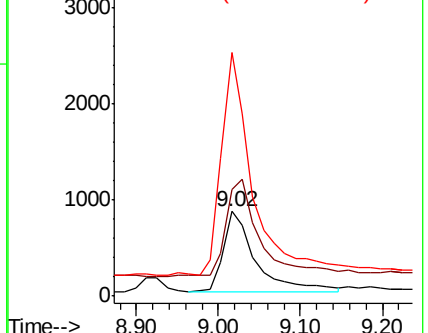
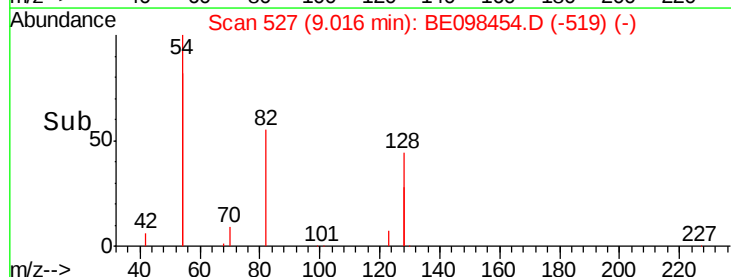
54 287.5 221.8 332.8



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: 0.395 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

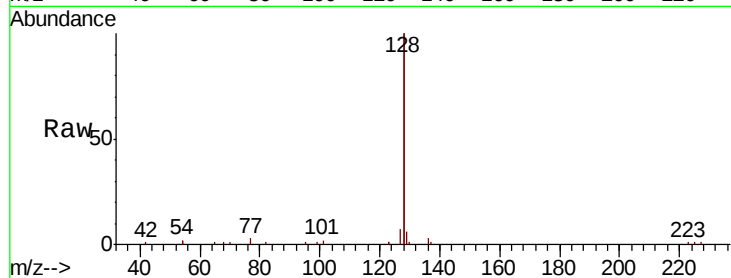
Tgt Ion:128 Resp: 26395

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

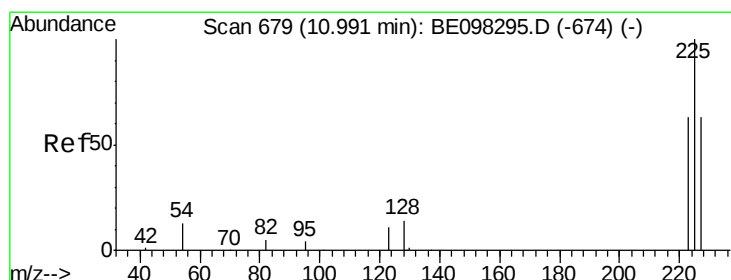
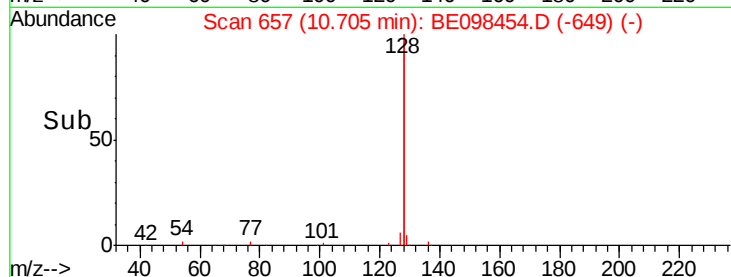
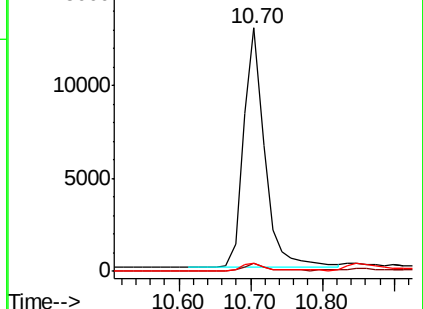
127 3.4 2.7 4.1



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: 0.407 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

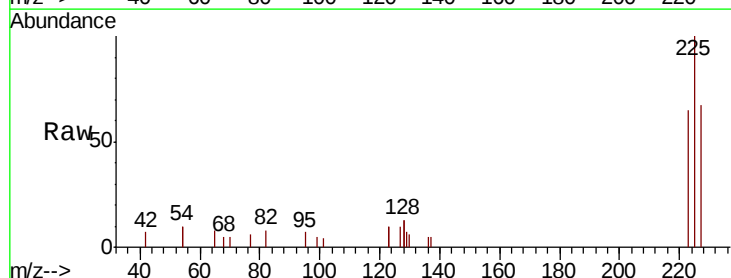
Tgt Ion:225 Resp: 1732

Ion Ratio Lower Upper

225 100

223 65.8 49.4 74.0

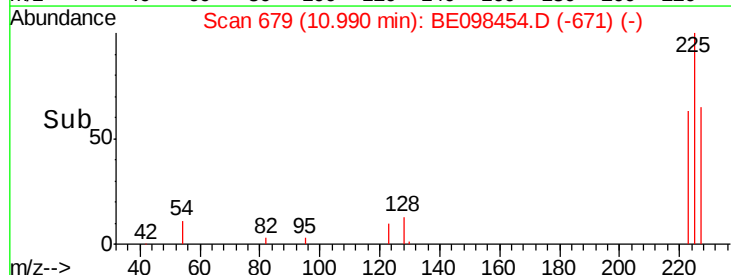
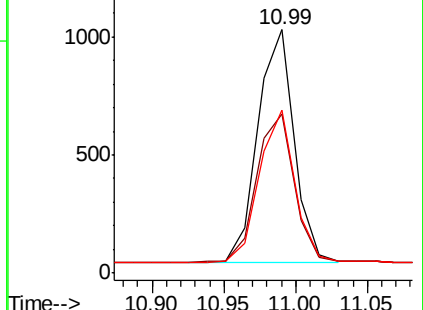
227 64.0 52.0 78.0



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: 0.379 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

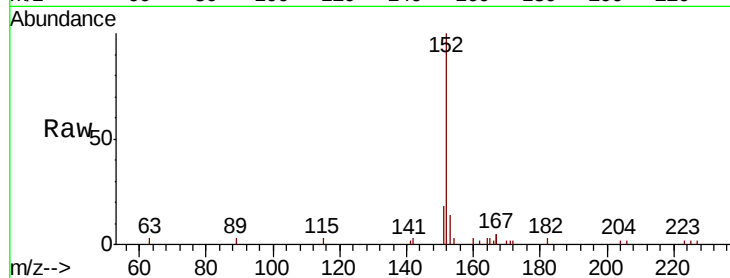
SSTDCCC0.4

Tgt Ion:152 Resp: 4098

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

2000

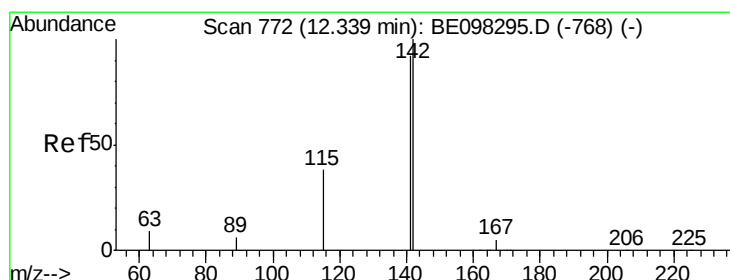
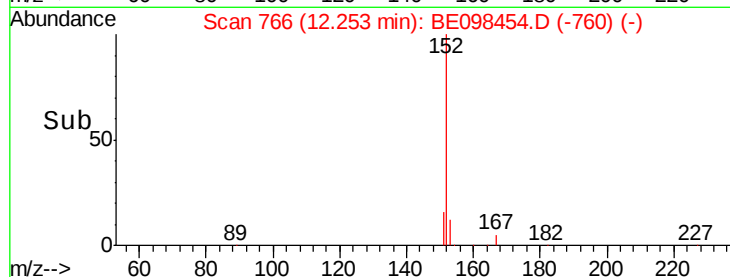
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.374 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

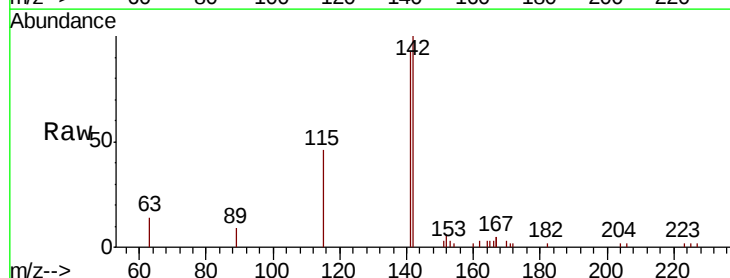
Tgt Ion:142 Resp: 4060

Ion Ratio Lower Upper

142 100

141 93.0 71.0 106.6

115 45.7 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

2500

2000

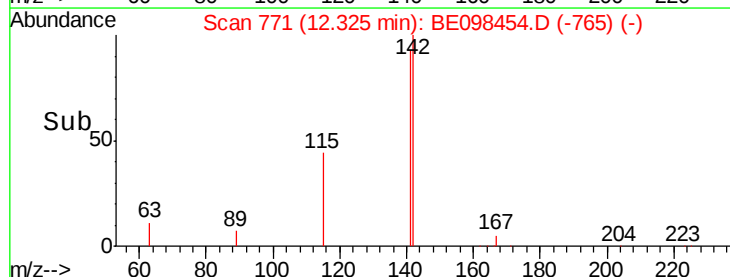
1500

1000

500

0

Time-->

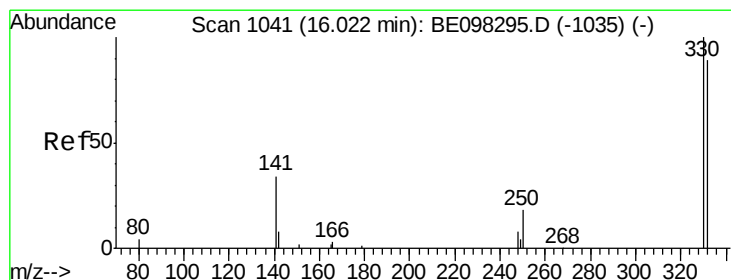
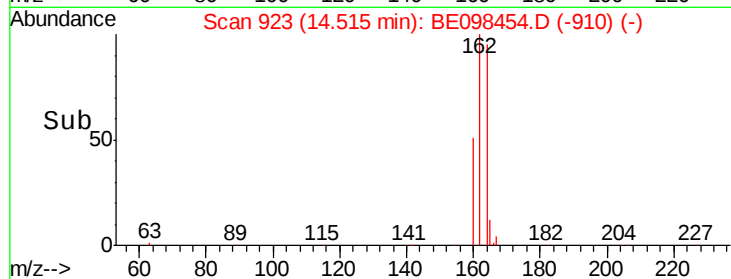
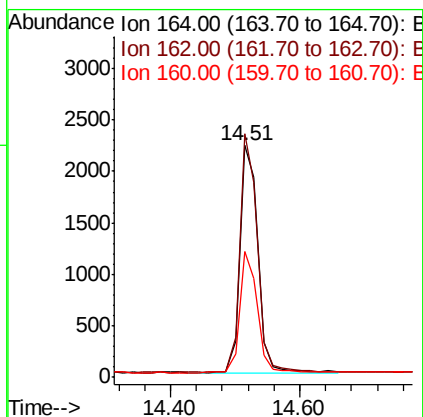
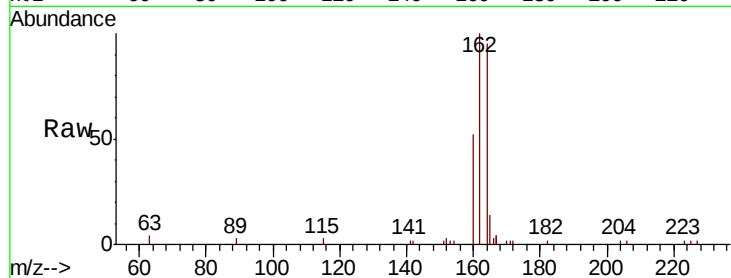




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

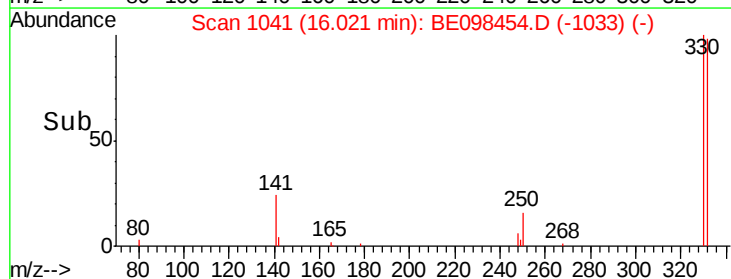
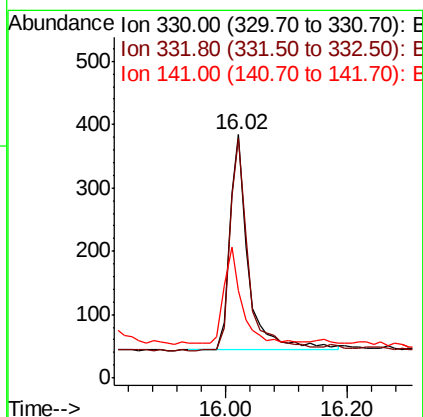
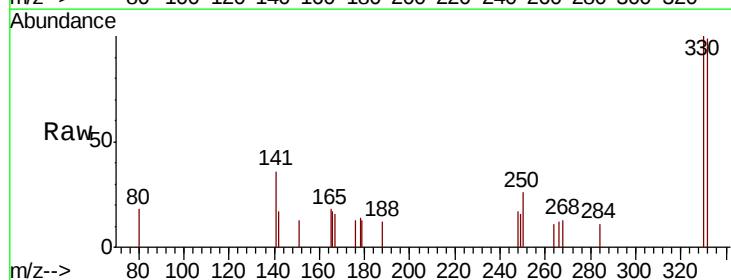
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

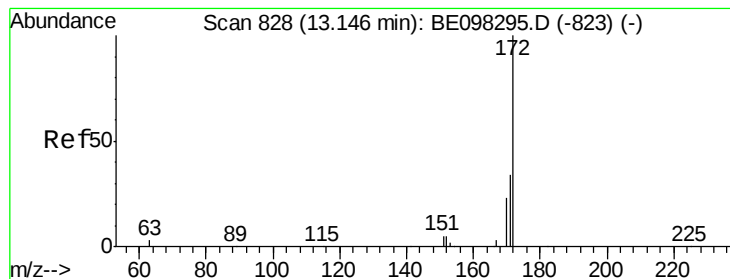
Tgt Ion:164 Resp: 4225
 Ion Ratio Lower Upper
 164 100
 162 105.1 77.6 116.4
 160 54.4 36.0 54.0#



#14
 2,4,6-Tribromophenol
 Concen: 0.461 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098454.D
 Acq: 15 Dec 2018 3:41

Tgt Ion:330 Resp: 715
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 42.5 39.0 58.4

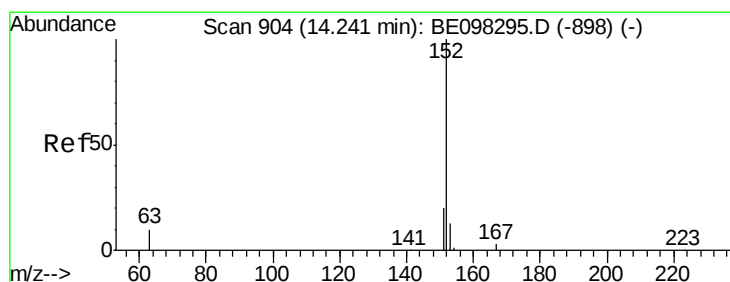
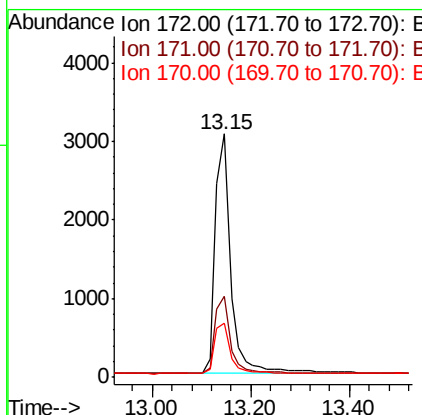
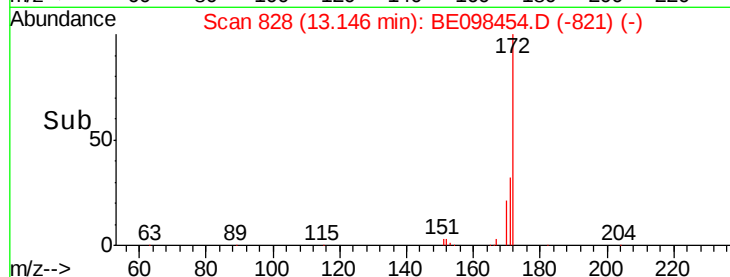
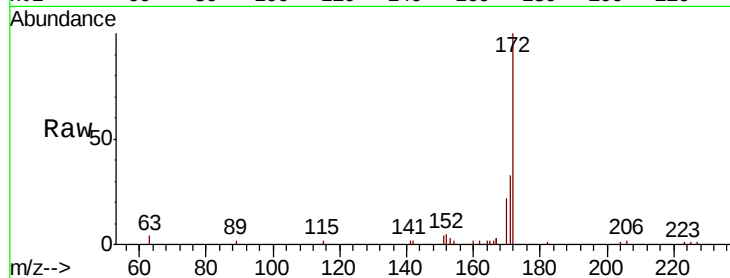




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

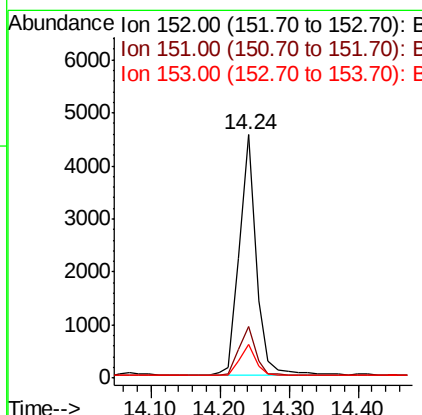
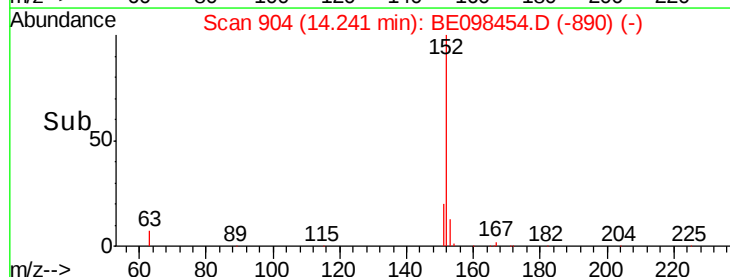
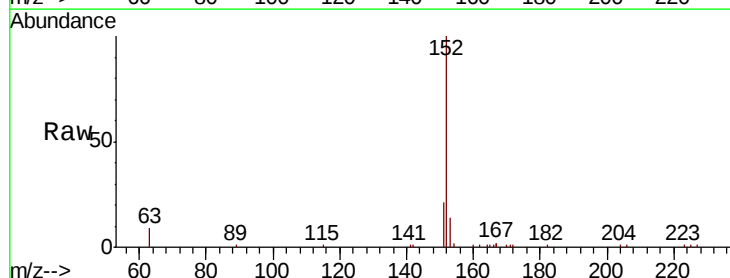
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6660
Ion Ratio Lower Upper
172 100
171 33.0 27.5 41.3
170 22.4 19.6 29.4



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:152 Resp: 7730
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 13.2 10.6 16.0

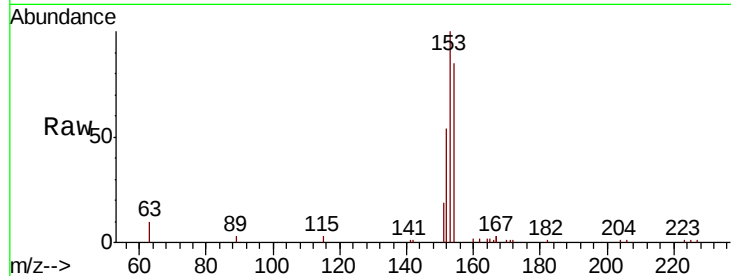




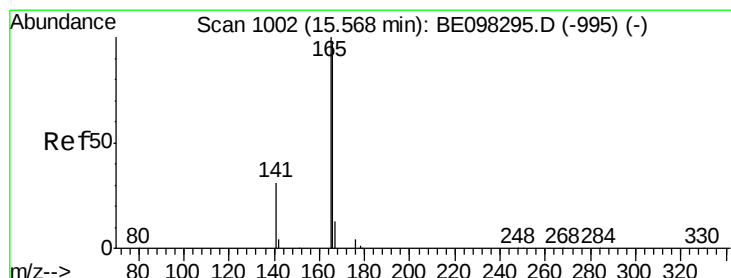
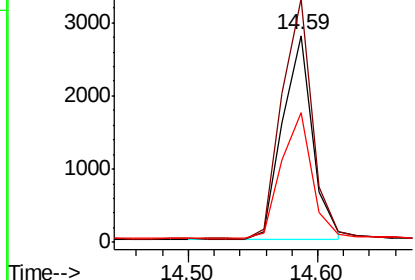
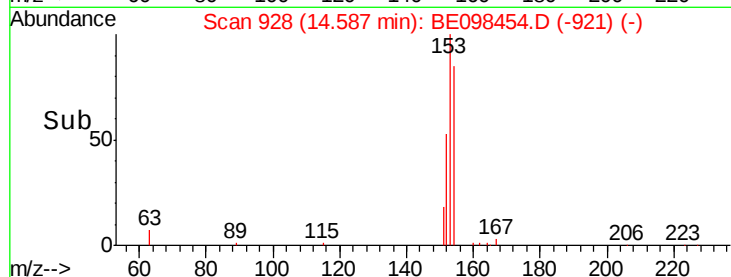
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4500
Ion Ratio Lower Upper
154 100
153 119.2 91.8 137.6
152 62.5 45.5 68.3

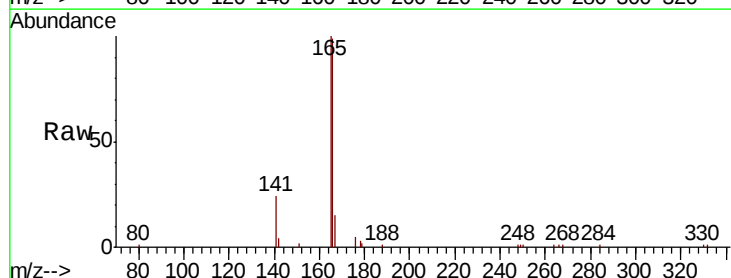


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

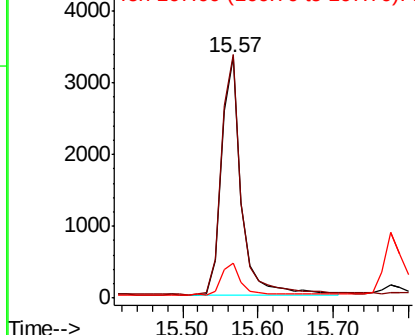
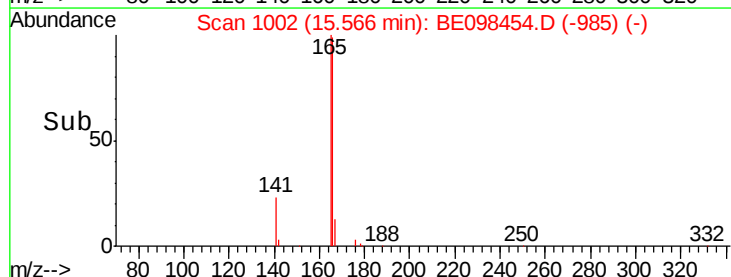


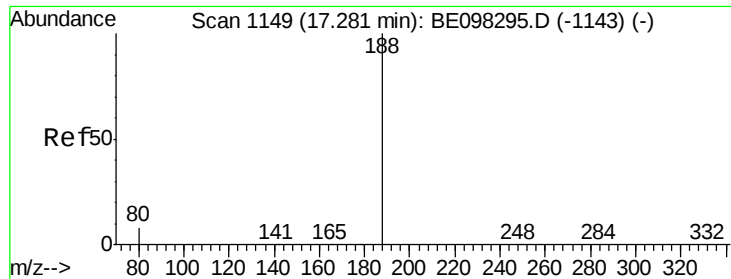
#18
Fluorene
Concen: 0.384 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion:166 Resp: 6111
Ion Ratio Lower Upper
166 100
165 101.8 79.3 118.9
167 13.4 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: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

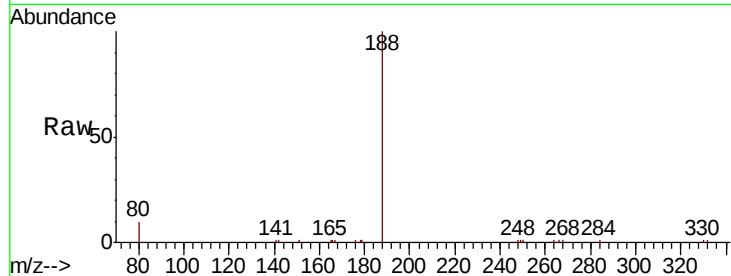
Tgt Ion:188 Resp: 11302

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

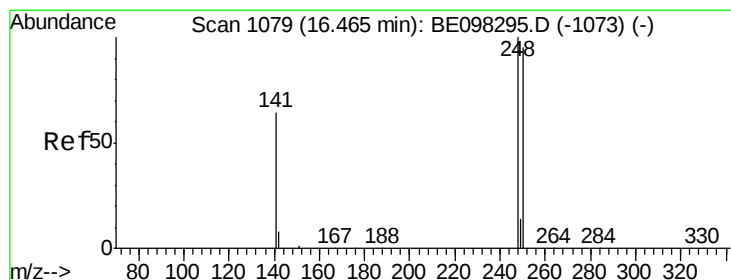
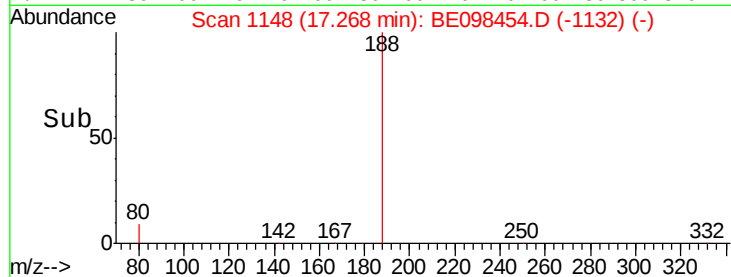
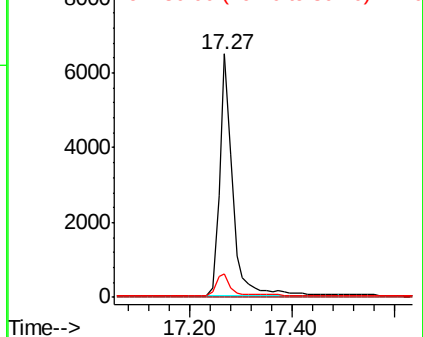
80 9.6 7.2 10.8



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: 0.371 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

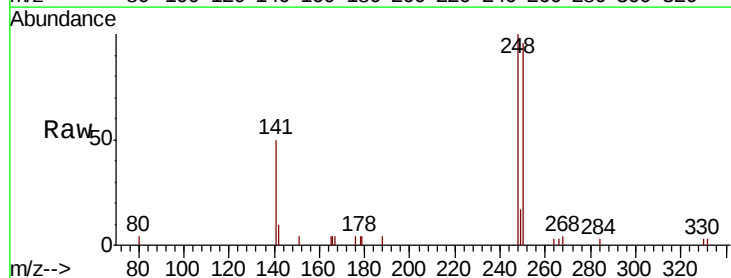
Tgt Ion:248 Resp: 2255

Ion Ratio Lower Upper

248 100

250 96.0 71.0 106.6

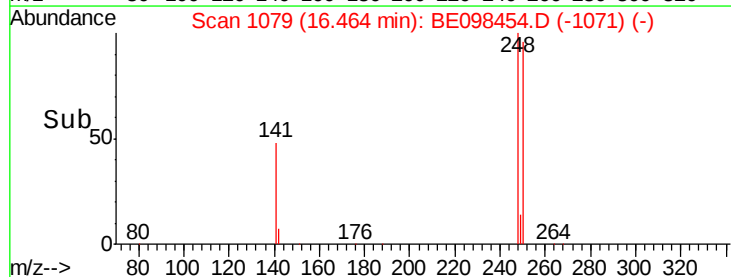
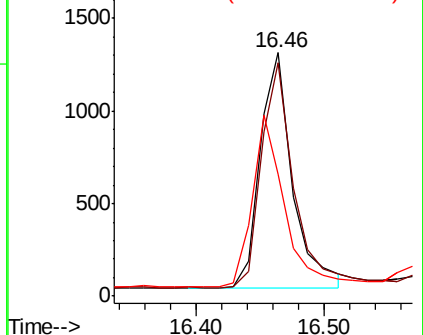
141 50.0 62.1 93.1#



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

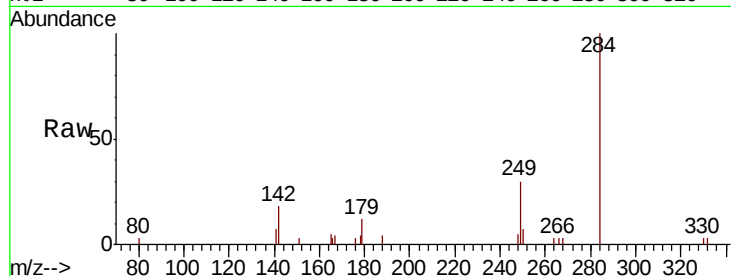




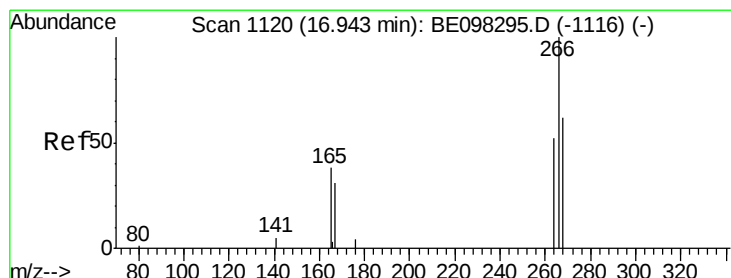
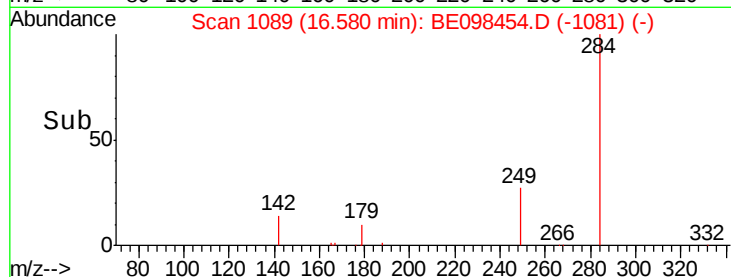
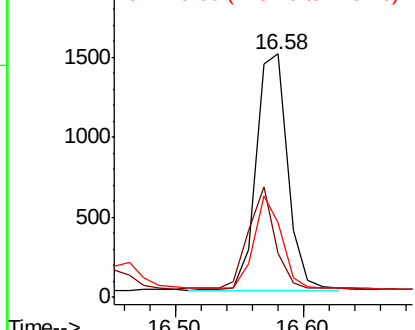
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 2542
Ion Ratio Lower Upper
284 100
142 35.3 26.3 39.5
249 34.1 26.0 39.0

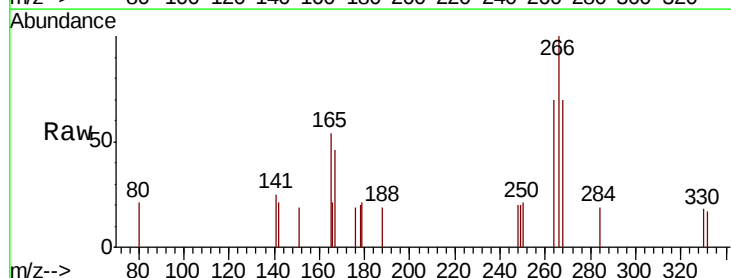


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

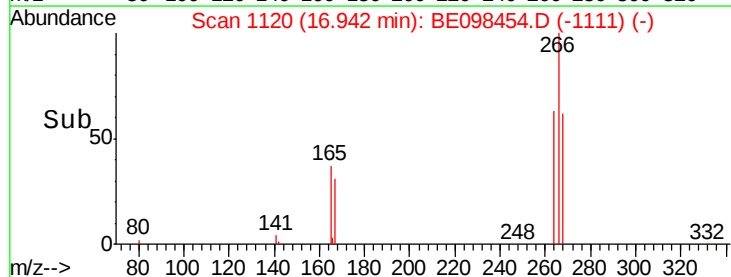
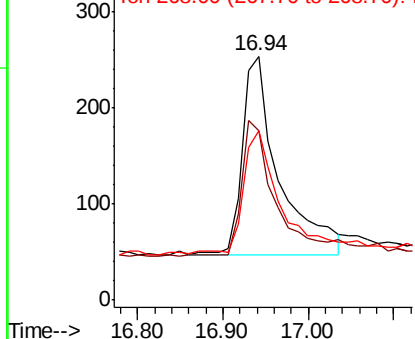


#22
Pentachlorophenol
Concen: 0.553 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion: 266 Resp: 614
Ion Ratio Lower Upper
266 100
264 69.6 59.0 88.4
268 69.6 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: 0.376 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

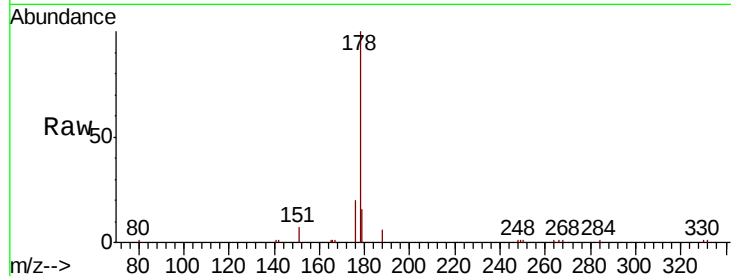
Tgt Ion:178 Resp: 10331

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.5 12.3 18.5

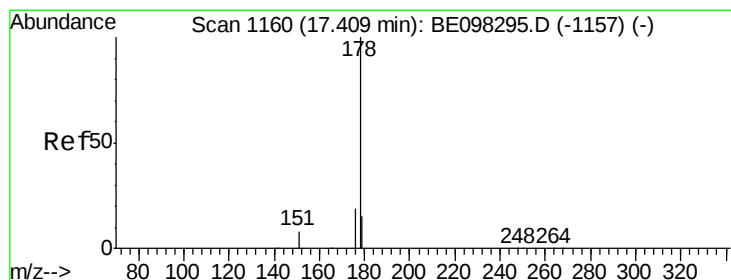
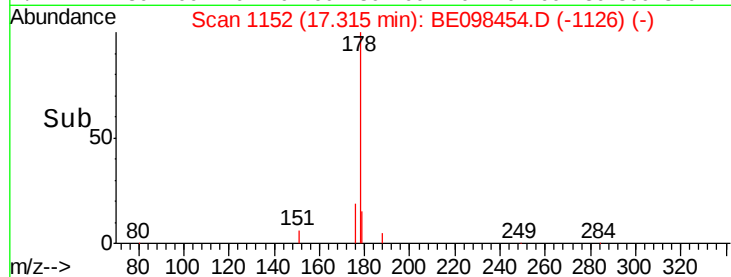
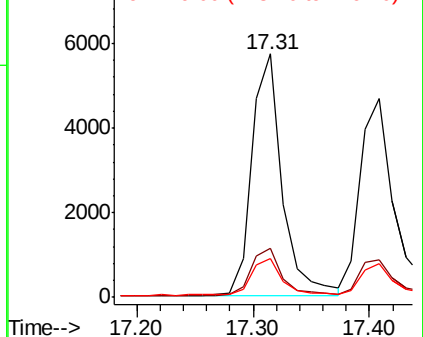


Abundance

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: 0.356 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

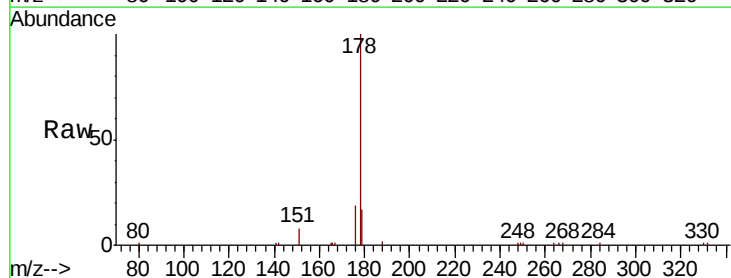
Tgt Ion:178 Resp: 8708

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 15.3 12.3 18.5

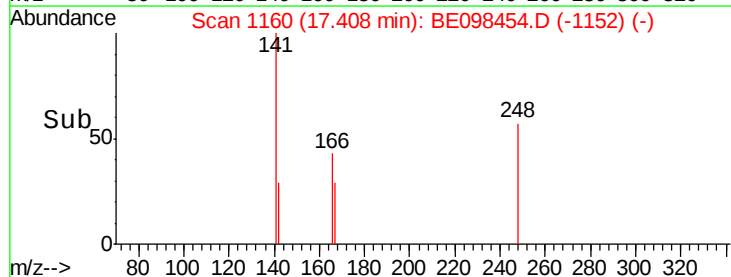
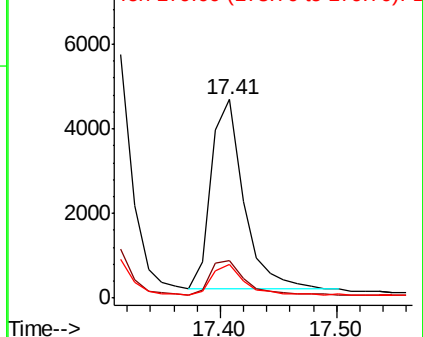


Abundance

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: 0.382 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

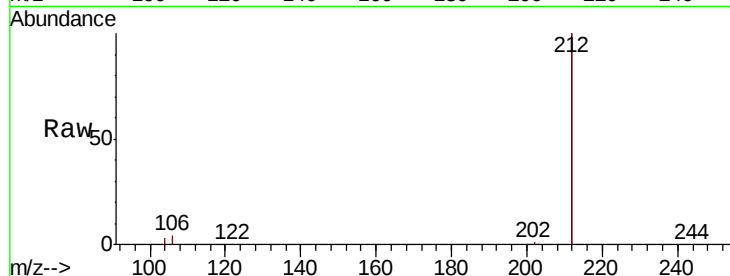
Tgt Ion:212 Resp: 55317

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

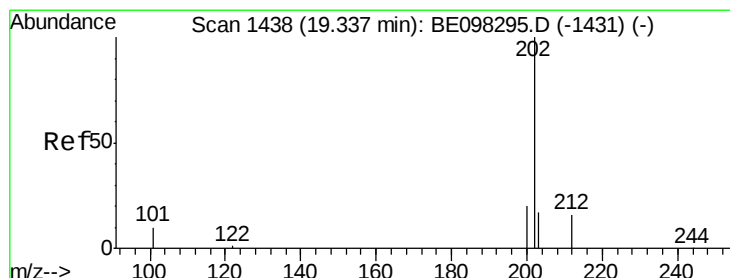
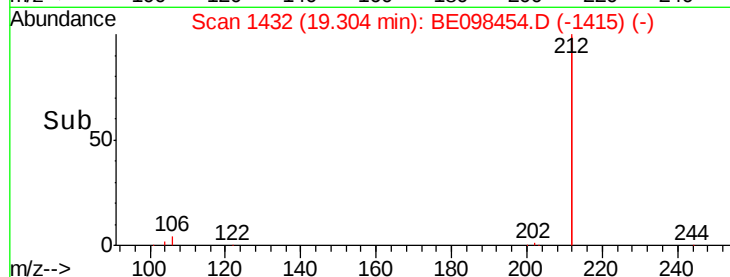
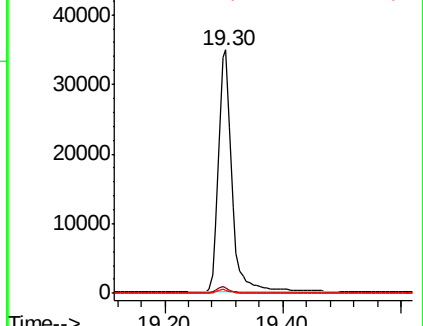
104 1.4 1.3 1.9



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: 0.388 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

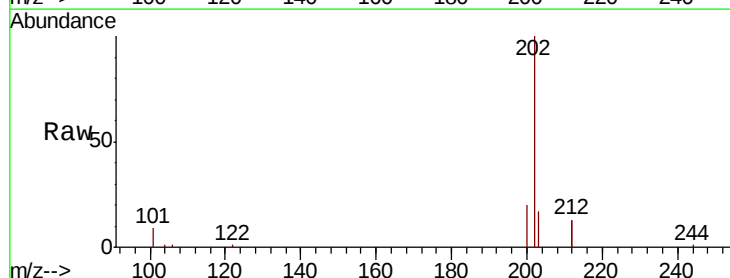
Tgt Ion:202 Resp: 14090

Ion Ratio Lower Upper

202 100

101 9.2 8.0 12.0

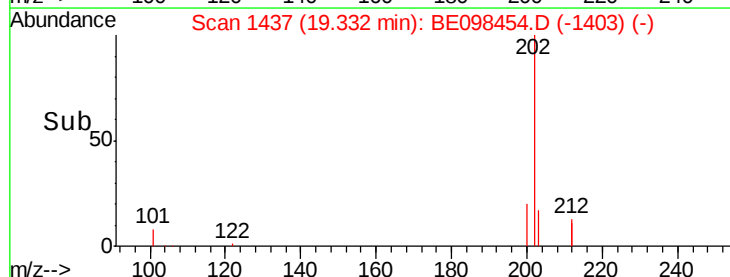
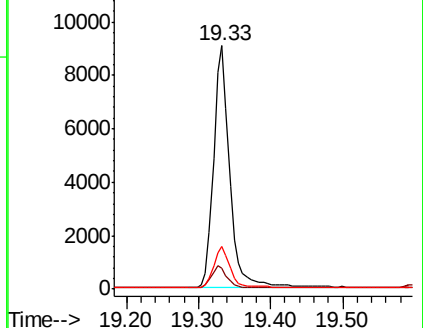
203 16.7 13.8 20.6

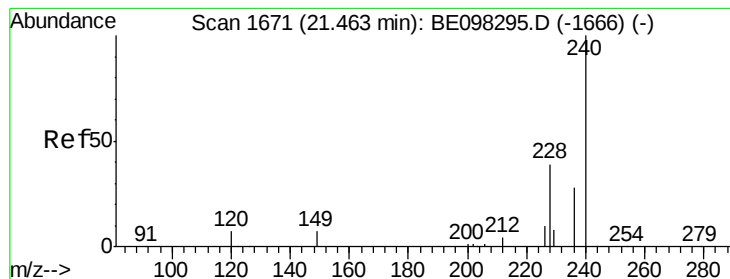


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

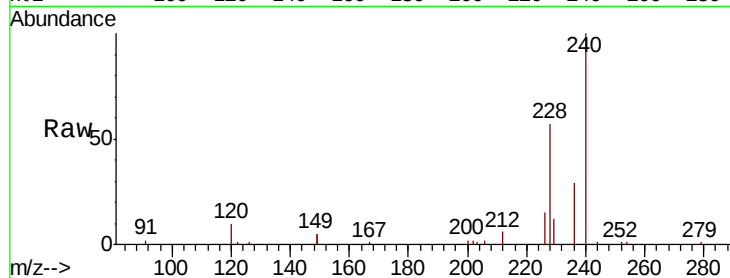
Tgt Ion:240 Resp: 13599

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

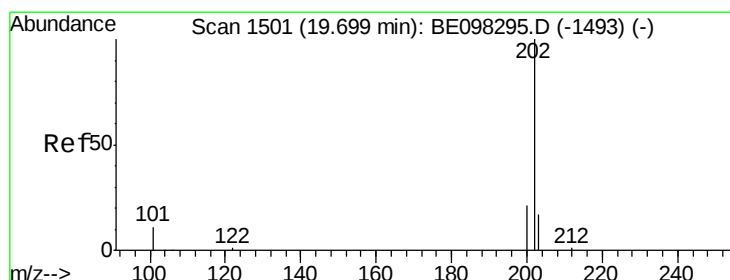
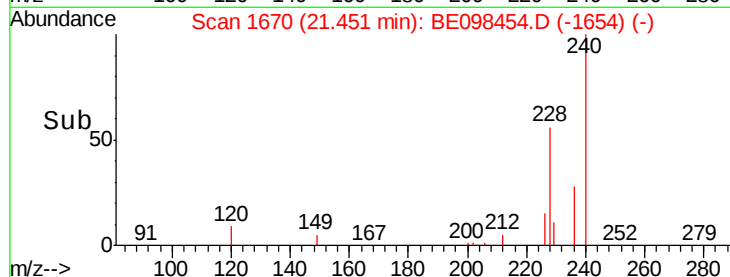
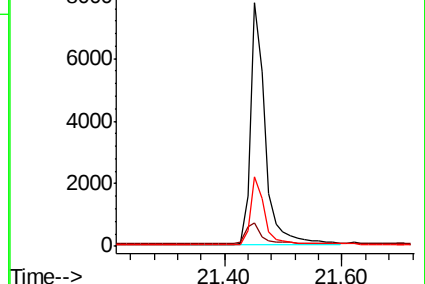
236 28.5 22.7 34.1



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: 0.346 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

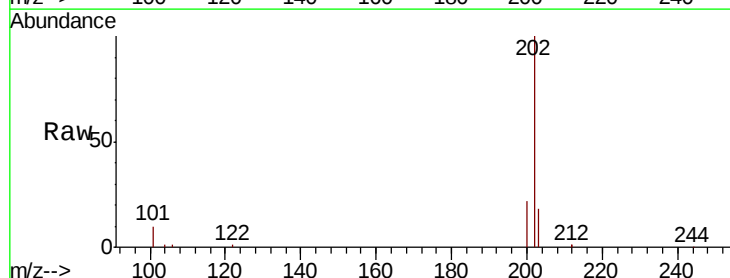
Tgt Ion:202 Resp: 14762

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

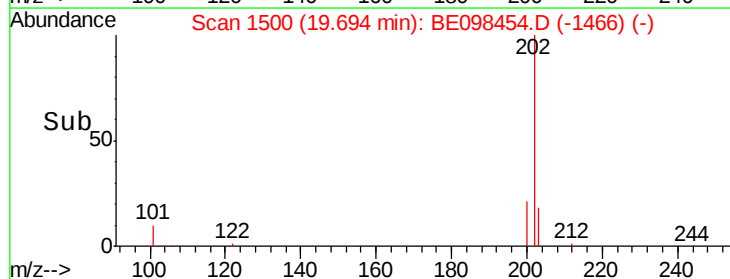
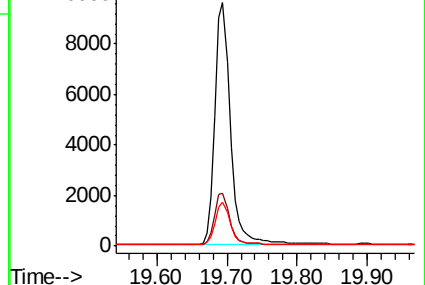
203 17.4 14.1 21.1



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: 0.316 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

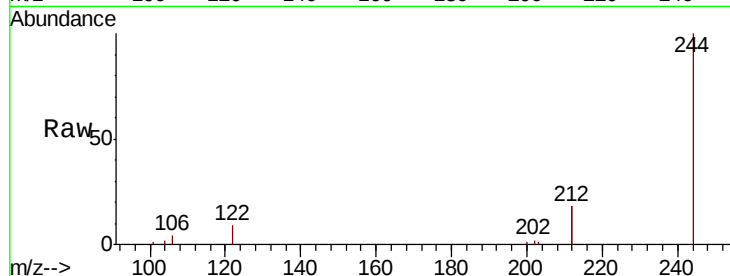
Tgt Ion:244 Resp: 10450

Ion Ratio Lower Upper

244 100

212 35.5 27.4 41.0

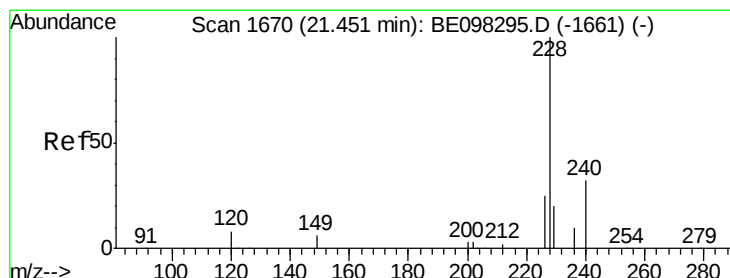
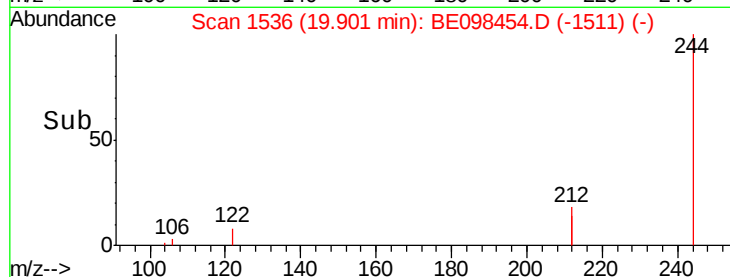
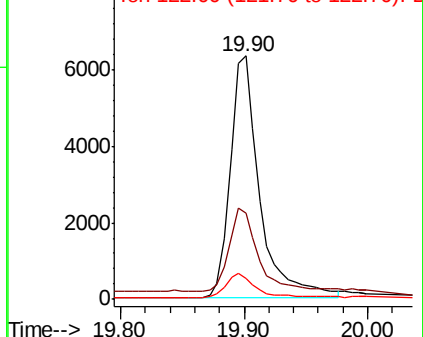
122 8.6 8.3 12.5



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: 0.363 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

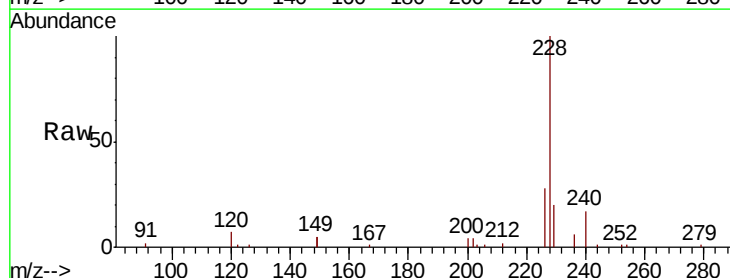
Tgt Ion:228 Resp: 14062

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

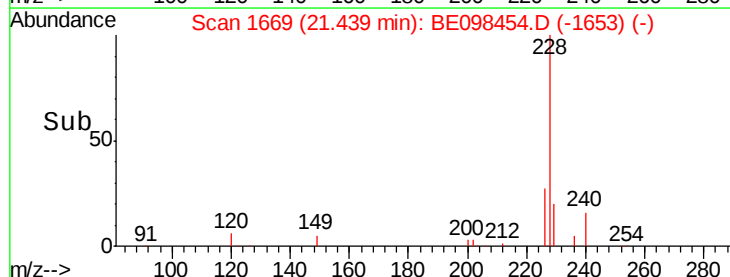
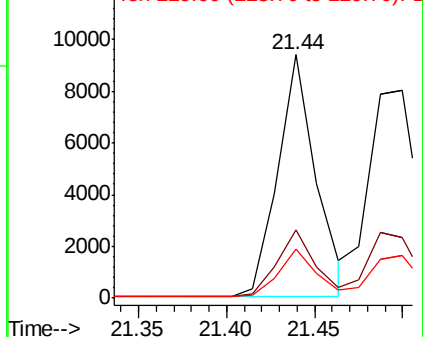
229 20.2 16.3 24.5



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: 0.381 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

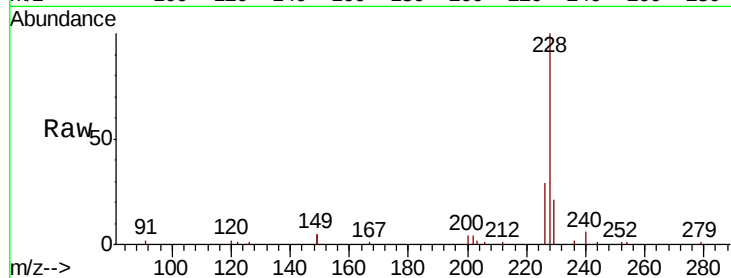
Tgt Ion:228 Resp: 15472

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

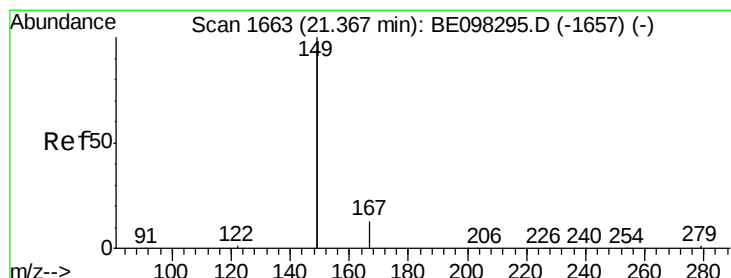
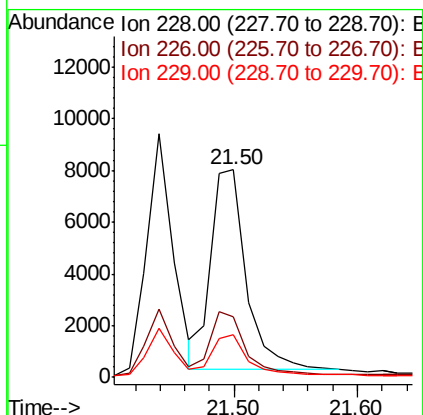
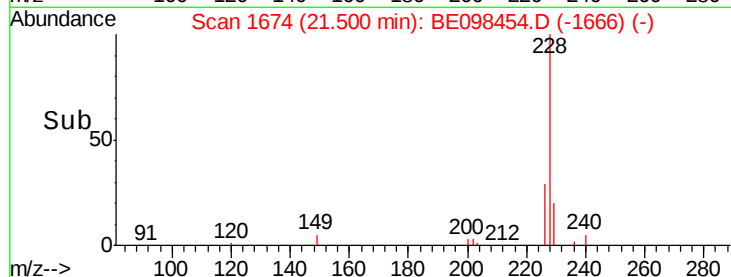
229 20.7 16.2 24.4



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: 0.367 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

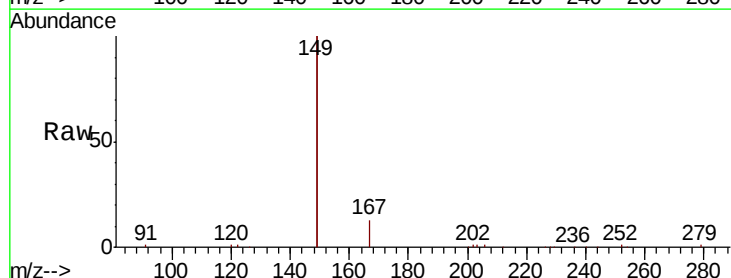
Tgt Ion:149 Resp: 28899

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

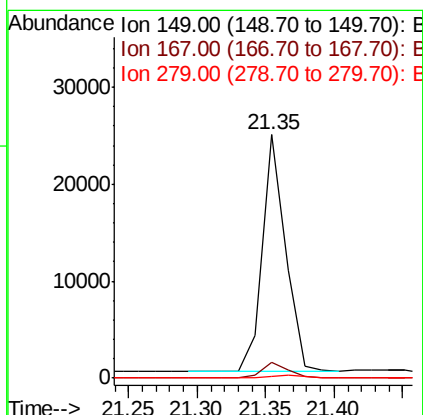
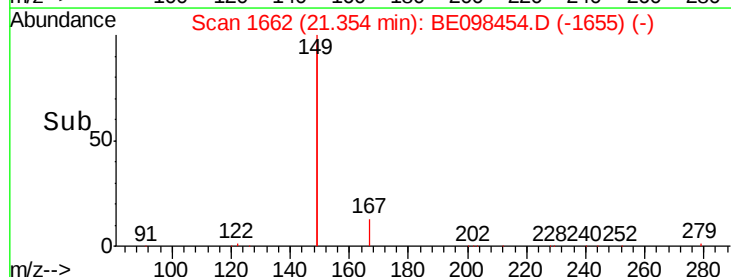
279 1.2 1.0 1.4



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: 0.400 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

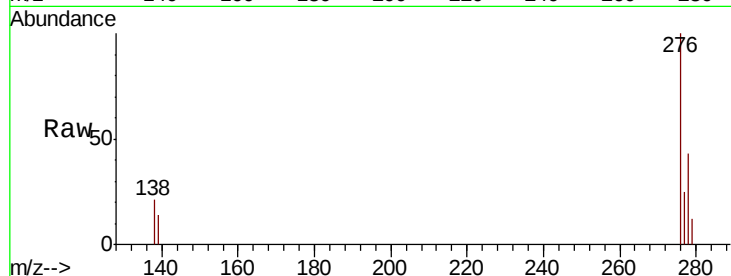
Tgt Ion:276 Resp: 16143

Ion Ratio Lower Upper

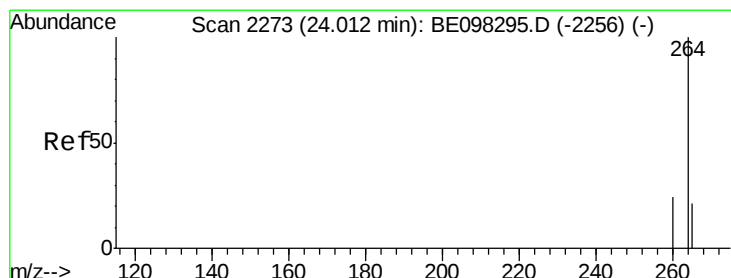
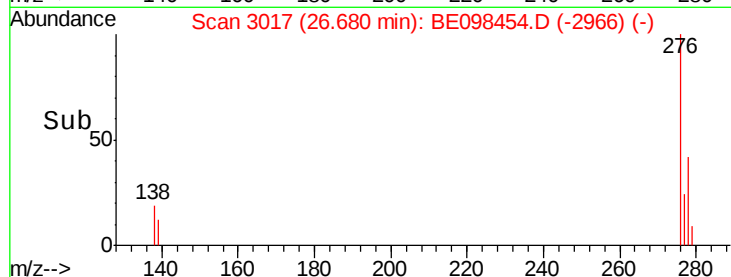
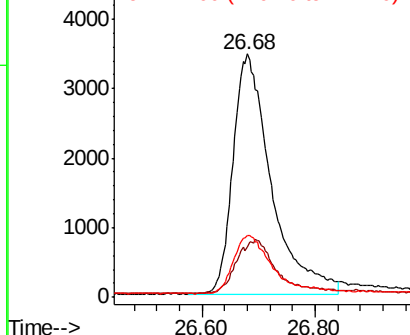
276 100

138 23.1 16.3 24.5

277 25.2 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: 24.00 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

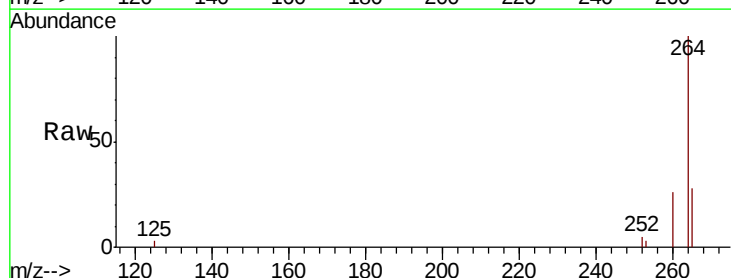
Tgt Ion:264 Resp: 13237

Ion Ratio Lower Upper

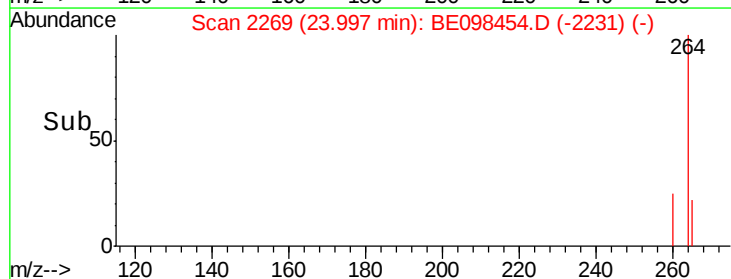
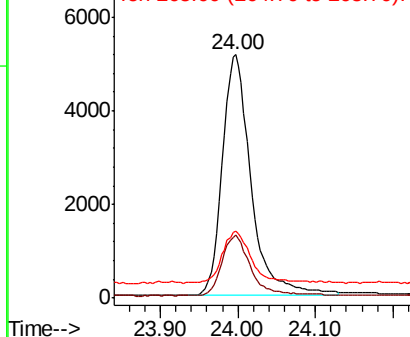
264 100

260 25.7 20.2 30.2

265 27.6 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

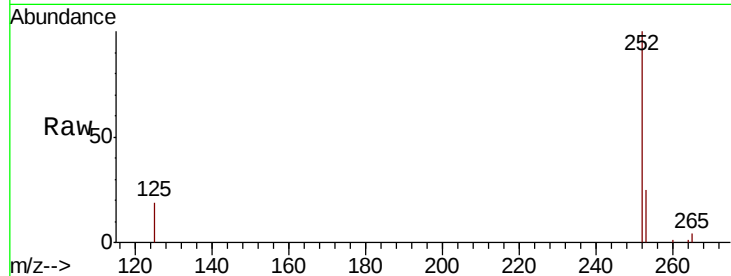




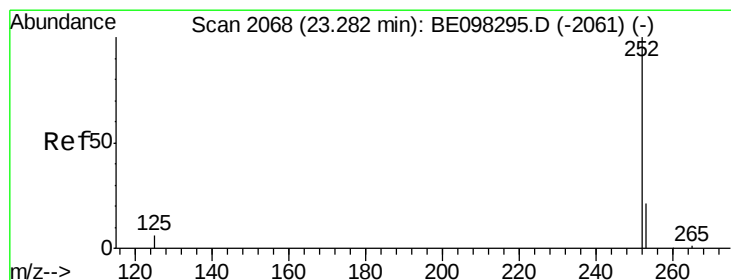
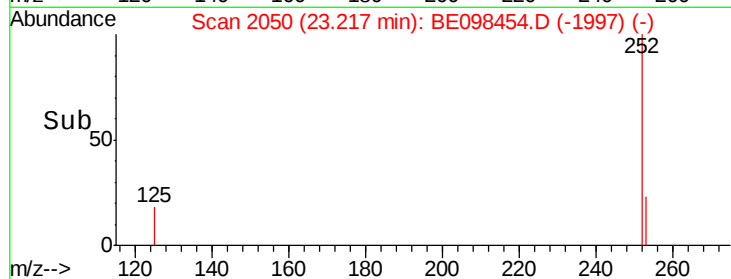
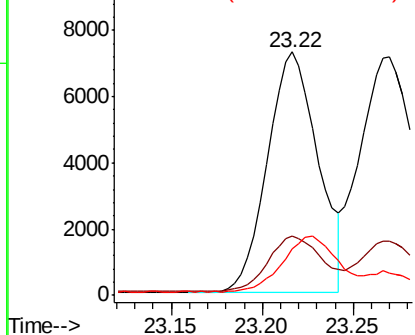
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 252 Resp: 14020
Ion Ratio Lower Upper
252 100
253 24.6 20.0 30.0
125 19.3 9.6 14.4#

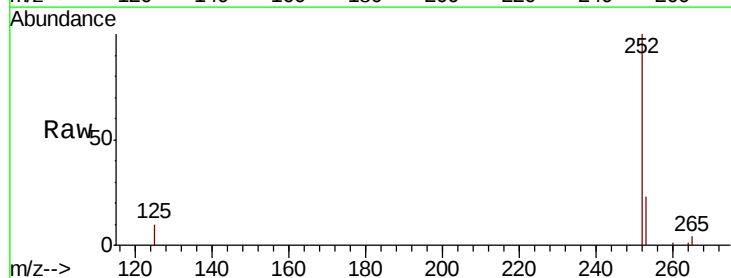


Abundance Ion 252.00 (251.70 to 252.70): E
10000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

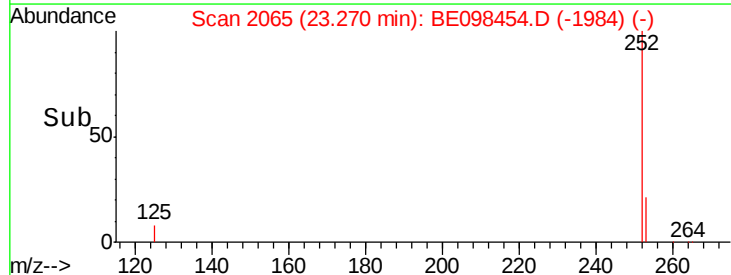
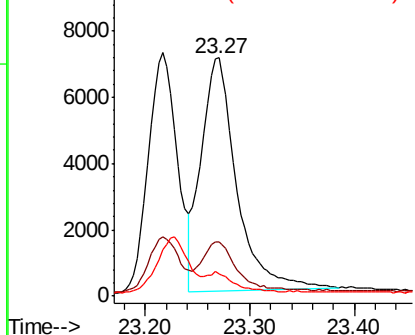


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098454.D
Acq: 15 Dec 2018 3:41

Tgt Ion: 252 Resp: 16581
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.6
125 9.5 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
10000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.88 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

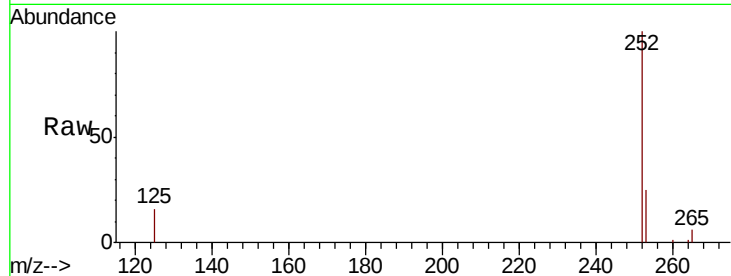
Tgt Ion:252 Resp: 14506

Ion Ratio Lower Upper

252 100

253 24.7 20.6 30.8

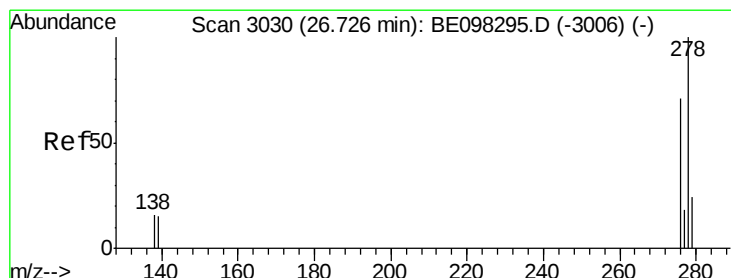
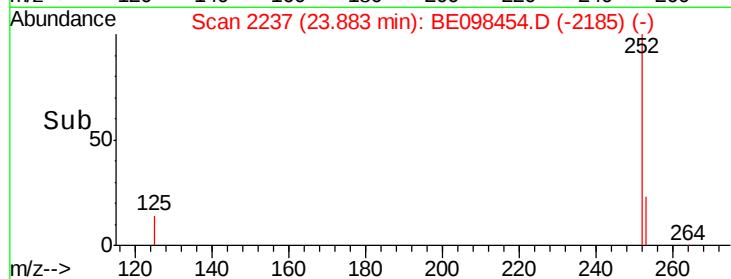
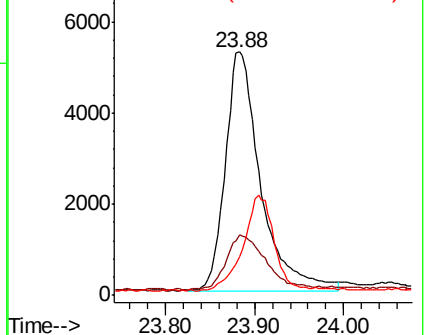
125 15.7 10.5 15.7



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: 0.378 ng

RT: 26.70 min Scan# 3024

Delta R.T. -0.02 min

Lab File: BE098454.D

Acq: 15 Dec 2018 3:41

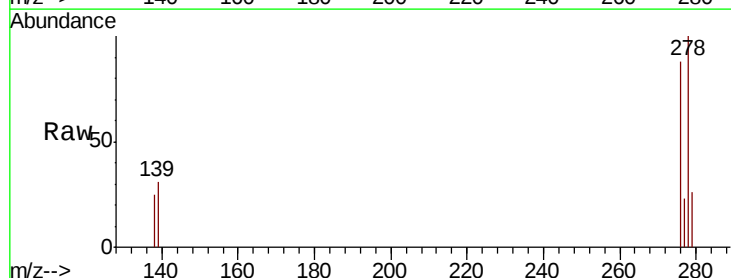
Tgt Ion:278 Resp: 13309

Ion Ratio Lower Upper

278 100

139 31.1 14.5 21.7#

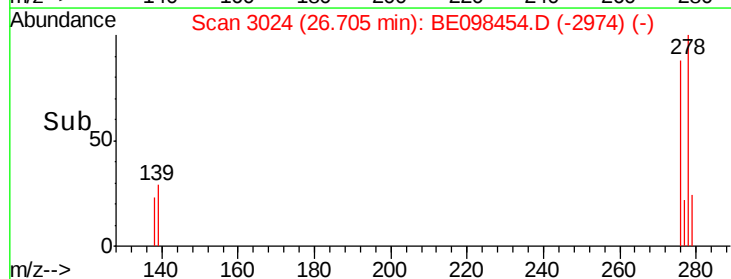
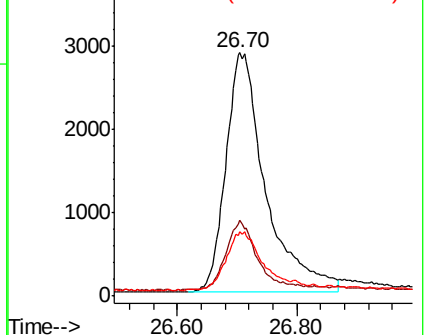
279 26.2 21.8 32.8



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(g,h,i)perylene

Concen: 0.377 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098454.D

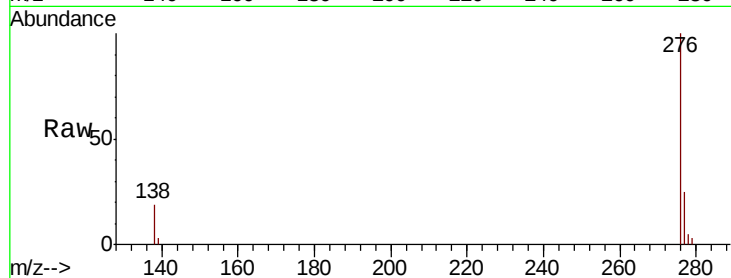
Acq: 15 Dec 2018 3:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 13376

Ion Ratio Lower Upper

276 100

277 24.6 20.8 31.2

138 18.8 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

