

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098946.D
 Acq On : 14 Mar 2019 15:41
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 15 05:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	755	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3614	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2377	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	5654	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6044	0.40	ng	0.00
34) Perylene-d12	23.91	264	5761	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	617	0.27	ng	0.03
5) Phenol-d6	7.01	99	1045	0.33	ng	0.03
8) Nitrobenzene-d5	8.99	82	1141	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2633	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	307	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3659	0.37	ng	0.02
25) Fluoranthene-d10	19.25	212	30591	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	5487	0.37	ng	0.01

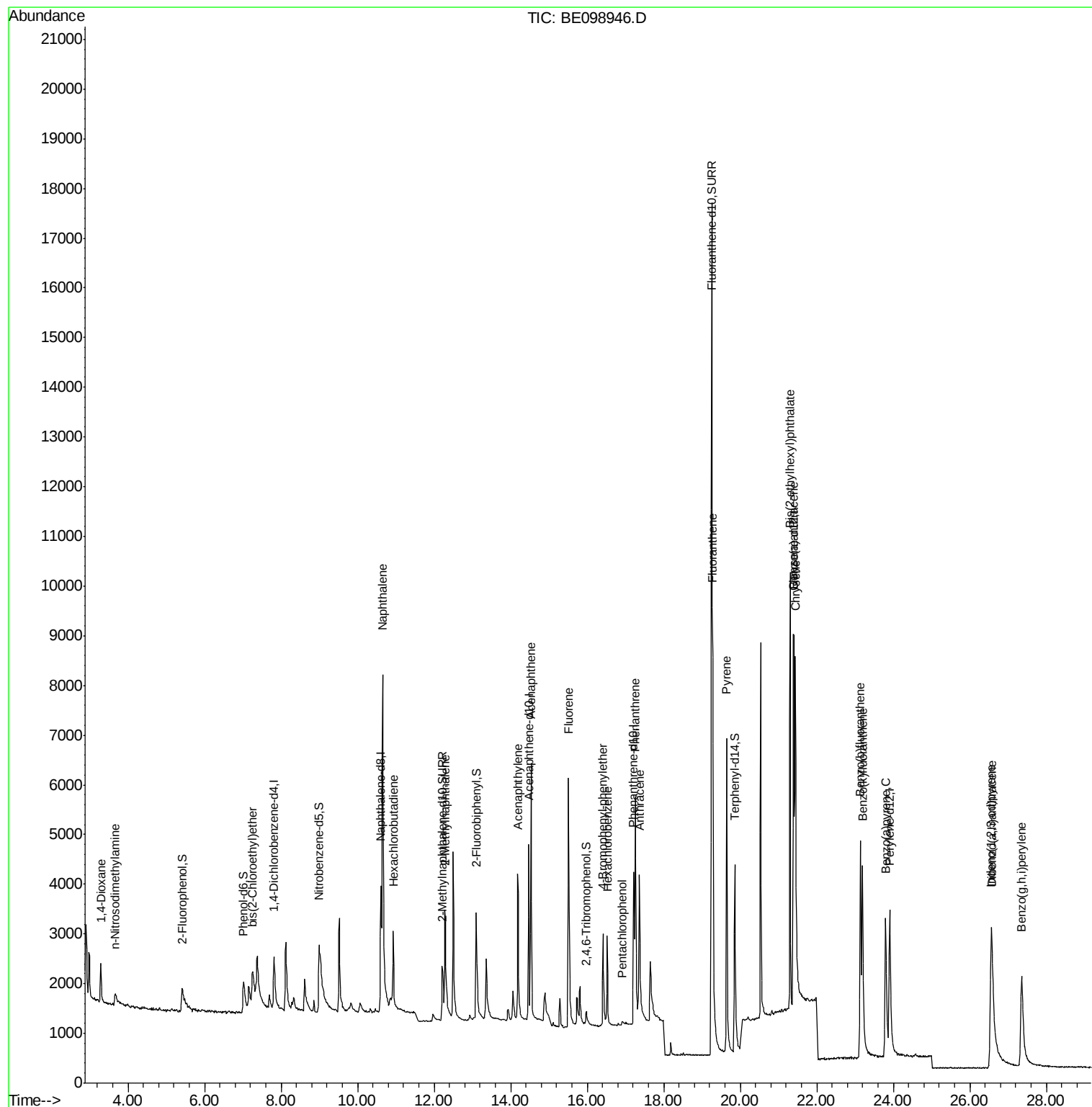
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	585	0.399	ng	96
3) n-Nitrosodimethylamine	3.66	42	295	0.155	ng	# 82
6) bis(2-Chloroethyl)ether	7.25	93	740	0.301	ng	91
9) Naphthalene	10.65	128	16184	0.391	ng	99
10) Hexachlorobutadiene	10.93	225	1049	0.383	ng	98
12) 2-Methylnaphthalene	12.28	142	2387	0.356	ng	98
16) Acenaphthylene	14.18	152	4423	0.362	ng	99
17) Acenaphthene	14.53	154	2724	0.376	ng	99
18) Fluorene	15.51	166	3663	0.350	ng	96
20) 4-Bromophenyl-phenylether	16.41	248	995	0.325	ng	92
21) Hexachlorobenzene	16.52	284	1398	0.384	ng	97
22) Pentachlorophenol	16.91	266	75	0.325	ng	96
23) Phenanthrene	17.25	178	5985	0.372	ng	100
24) Anthracene	17.36	178	4326	0.315	ng	99
26) Fluoranthene	19.28	202	7617	0.336	ng	98
28) Pyrene	19.64	202	7790	0.421	ng	99
30) Benzo(a)anthracene	21.39	228	6229	0.330	ng	98
31) Chrysene	21.44	228	7953	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	11097	0.276	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	6827	0.320	ng	# 81
35) Benzo(b)fluoranthene	23.14	252	6833	0.361	ng	99
36) Benzo(k)fluoranthene	23.19	252	7904	0.399	ng	99
37) Benzo(a)pyrene	23.80	252	6690	0.368	ng	98
38) Dibenzo(a,h)anthracene	26.58	278	5173	0.301	ng	96
39) Benzo(g,h,i)perylene	27.36	276	6421	0.357	ng	98

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

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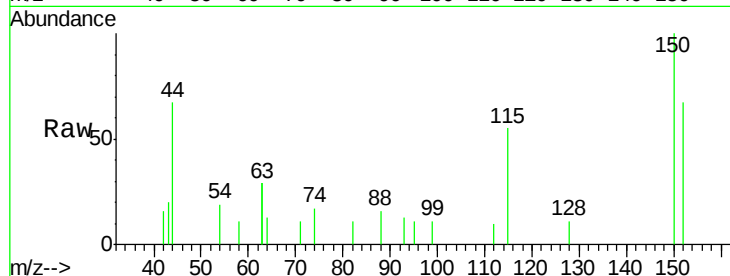


#1

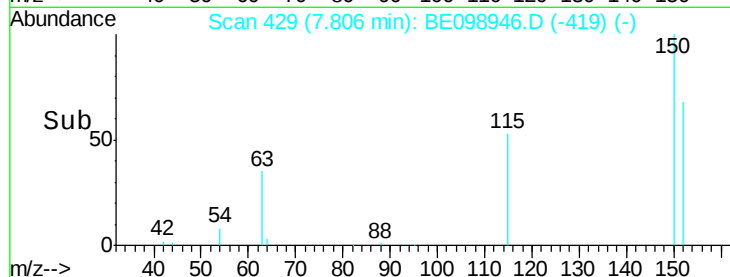
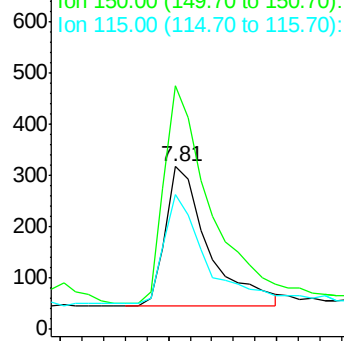
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098946.D
Acq: 14 Mar 2019 15:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 755
Ion Ratio Lower Upper
152 100
150 149.4 122.5 183.7
115 82.4 57.4 86.2



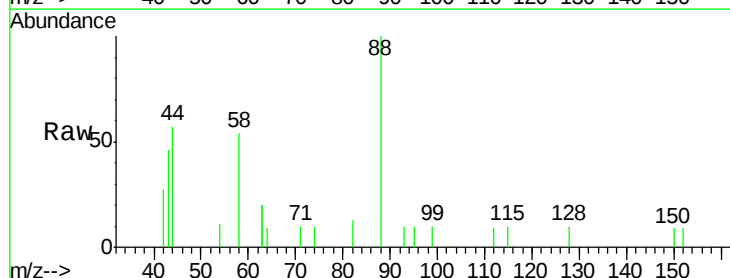
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



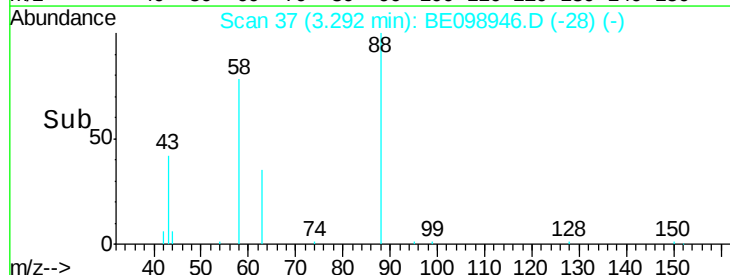
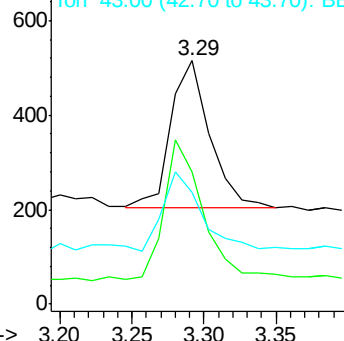
#2

1,4-Dioxane
Concen: 0.399 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098946.D
Acq: 14 Mar 2019 15:41

Tgt Ion: 88 Resp: 585
Ion Ratio Lower Upper
88 100
58 97.6 75.8 113.6
43 48.9 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: 0.155 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

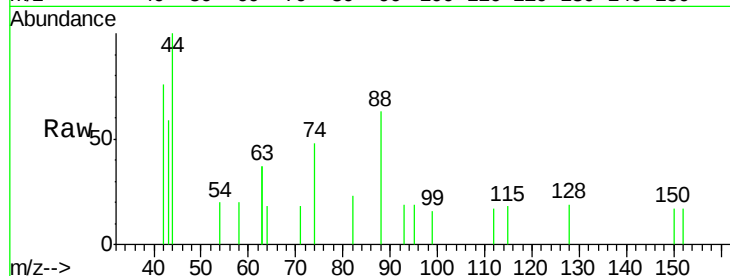
Tgt Ion: 42 Resp: 295

Ion Ratio Lower Upper

42 100

74 56.6 57.0 85.4#

44 10.8 0.0 0.0#



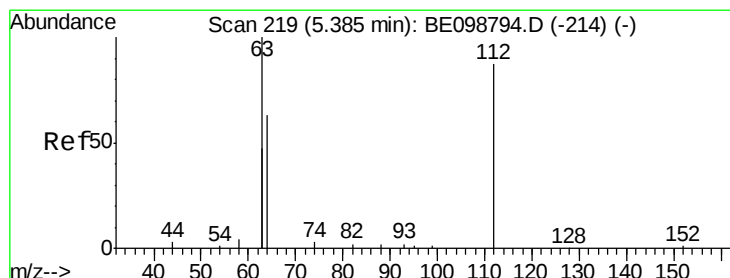
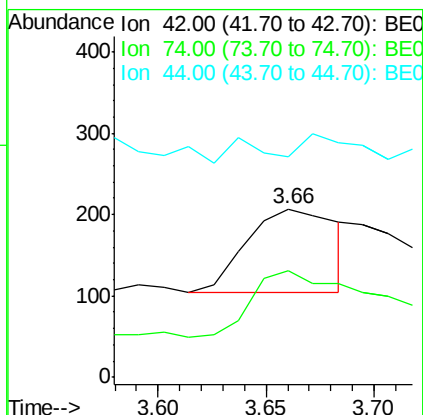
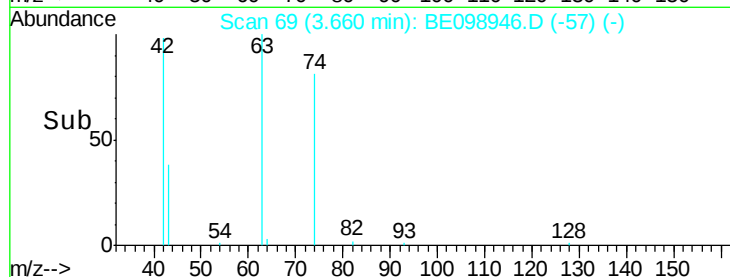
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.66

3.65 3.70



#4

2-Fluorophenol

Concen: 0.273 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

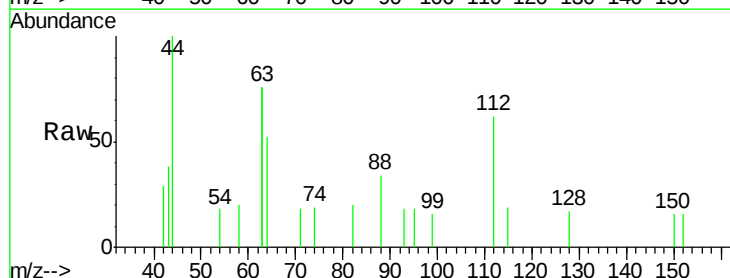
Tgt Ion: 112 Resp: 617

Ion Ratio Lower Upper

112 100

64 94.2 57.9 86.9#

63 249.6 158.3 237.5#



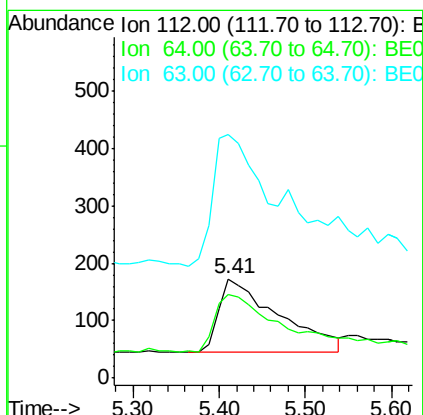
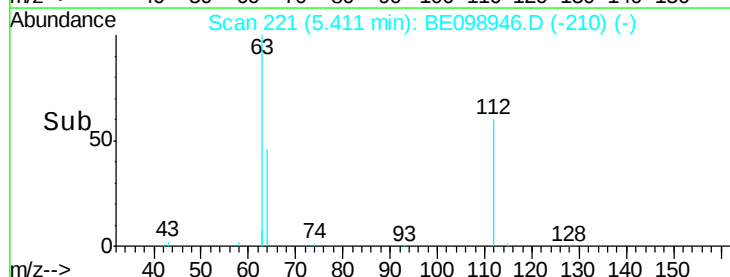
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.41

5.30 5.40 5.50 5.60





#5

Phenol-d6

Concen: 0.328 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

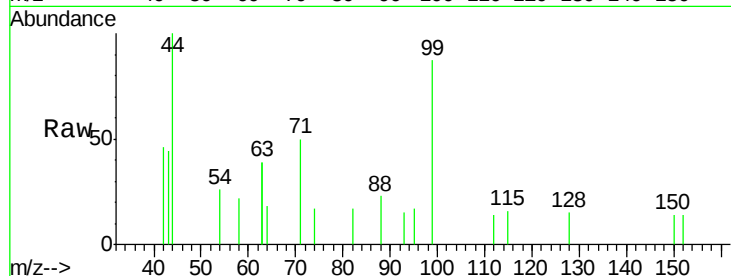
Tgt Ion: 99 Resp: 1045

Ion Ratio Lower Upper

99 100

42 33.1 24.2 36.2

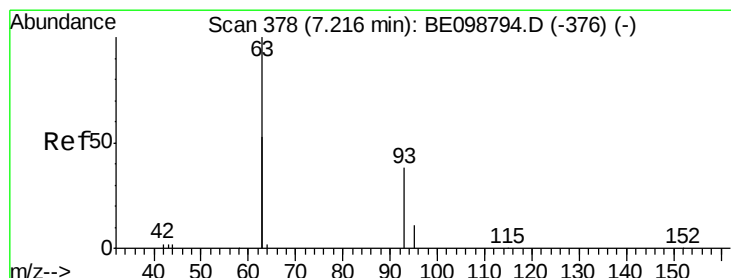
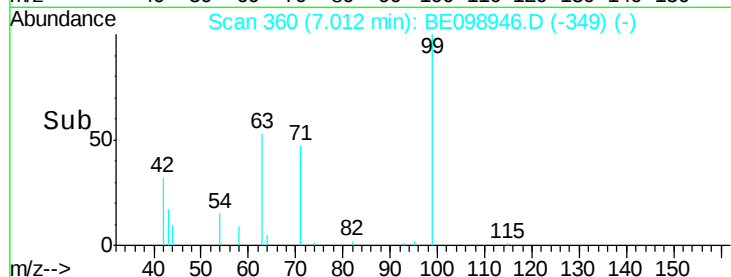
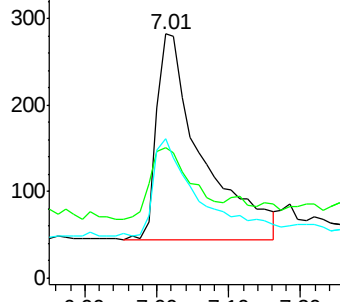
71 47.8 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.301 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.04 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

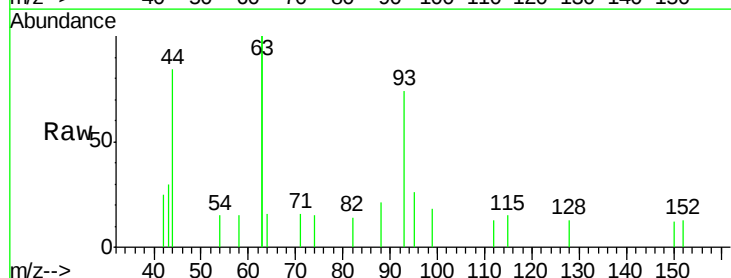
Tgt Ion: 93 Resp: 740

Ion Ratio Lower Upper

93 100

63 290.3 247.5 371.3

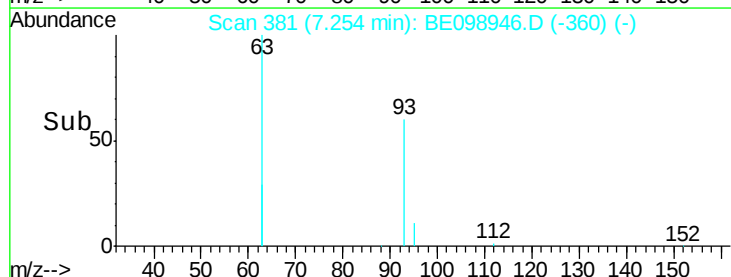
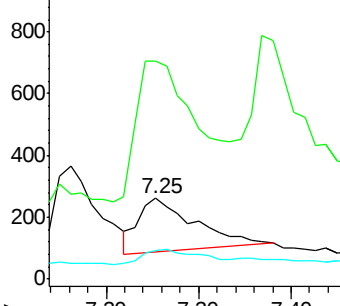
95 28.4 21.8 32.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 3614

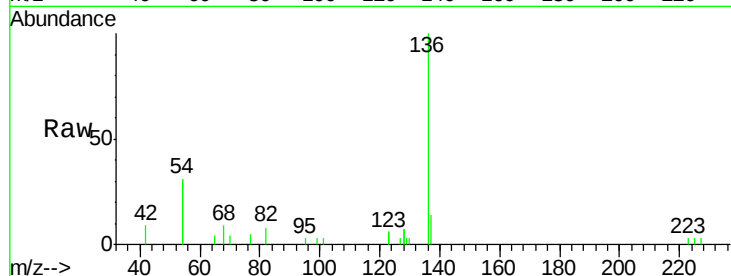
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 61.8 39.3 58.9#

68 9.3 6.7 10.1

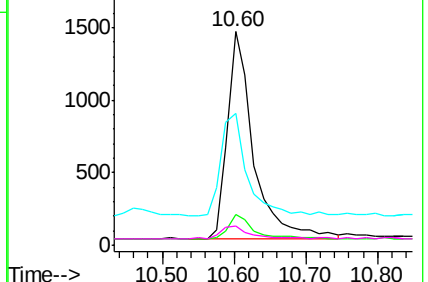
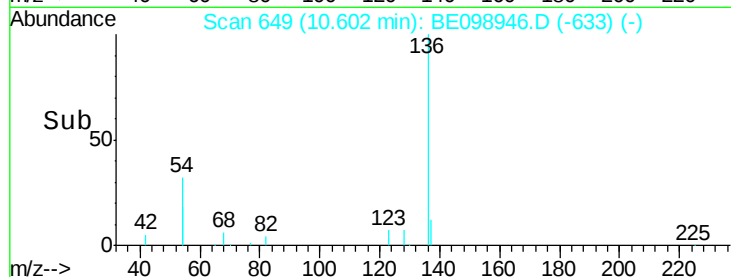


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.301 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

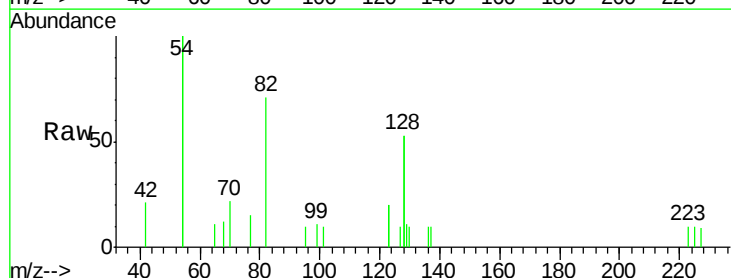
Tgt Ion: 82 Resp: 1141

Ion Ratio Lower Upper

82 100

128 148.5 123.8 185.8

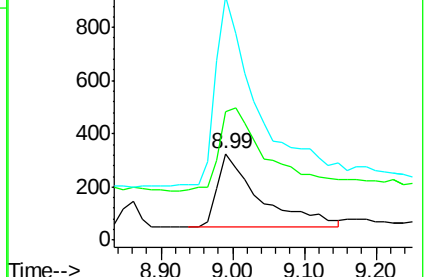
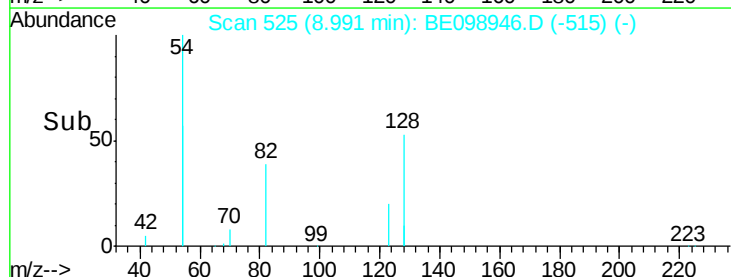
54 281.0 203.4 305.2



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: 0.391 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

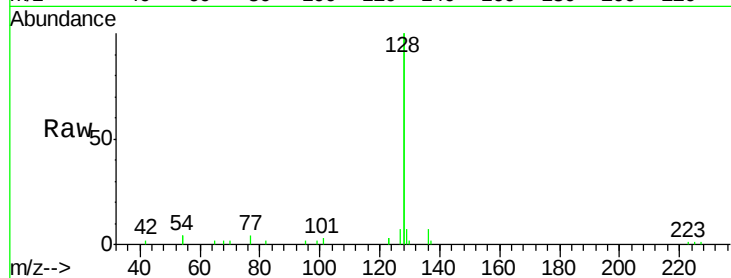
Tgt Ion:128 Resp: 16184

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

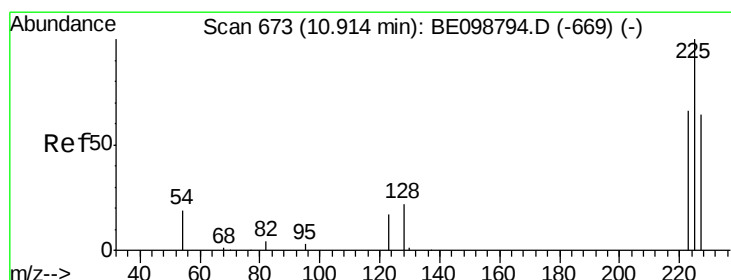
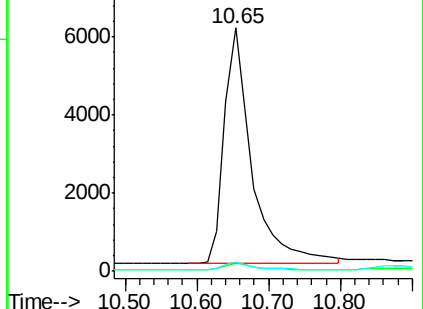
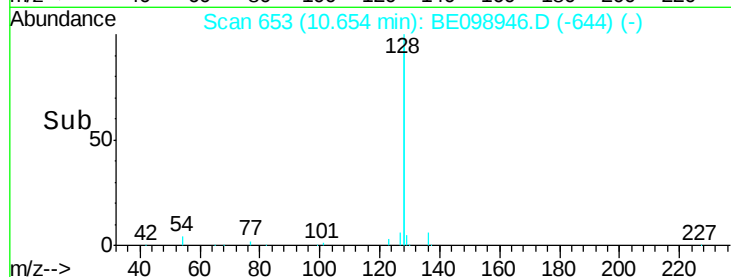
127 3.7 3.1 4.7



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: 0.383 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

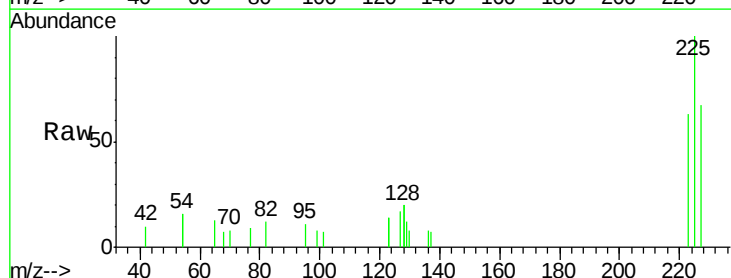
Tgt Ion:225 Resp: 1049

Ion Ratio Lower Upper

225 100

223 62.1 51.1 76.7

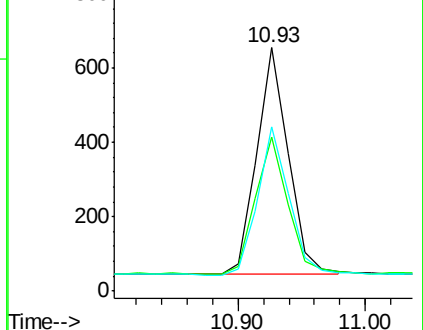
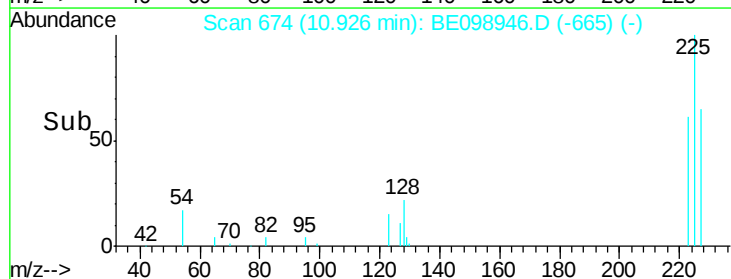
227 65.1 51.6 77.4



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: 0.394 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

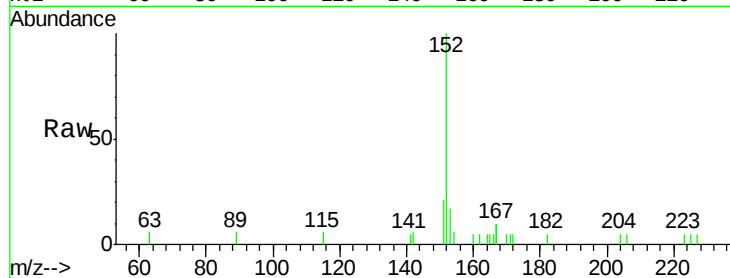
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2633

Ion Ratio Lower Upper

152 100

151 17.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

600

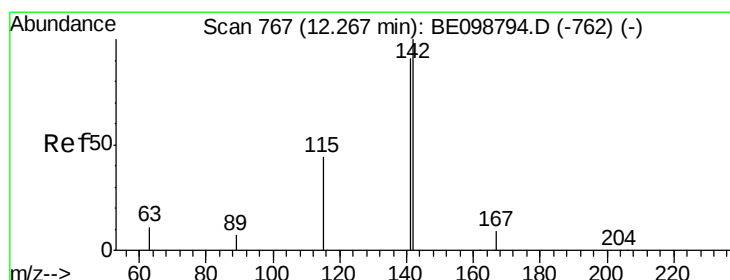
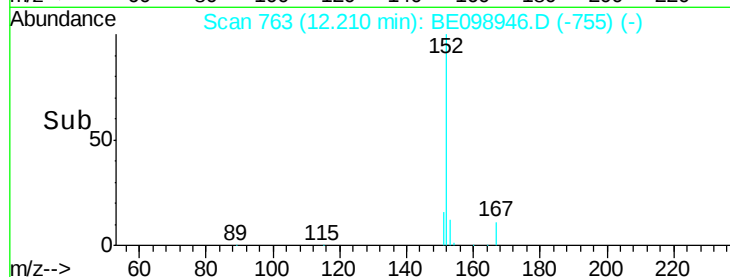
400

200

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.356 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

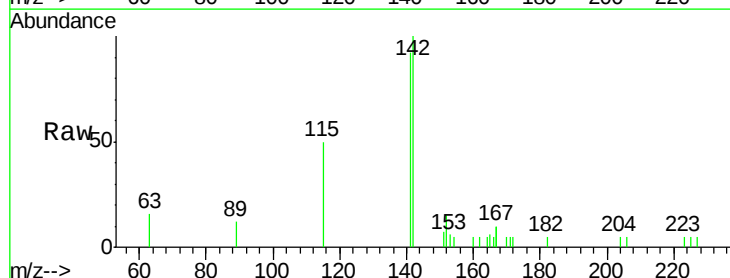
Tgt Ion:142 Resp: 2387

Ion Ratio Lower Upper

142 100

141 91.7 72.6 108.8

115 49.7 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

12.28

1200

1000

800

600

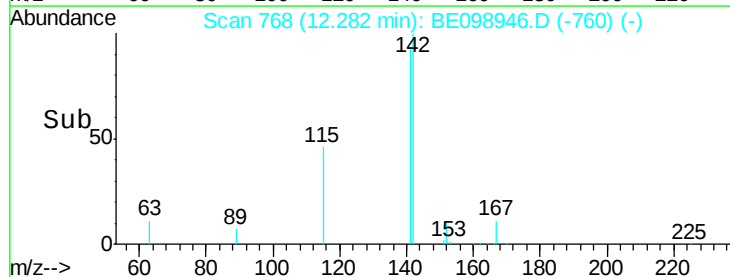
400

200

0

12.20 12.30

Time-->

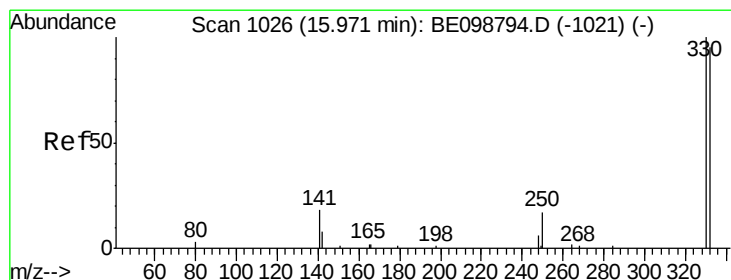
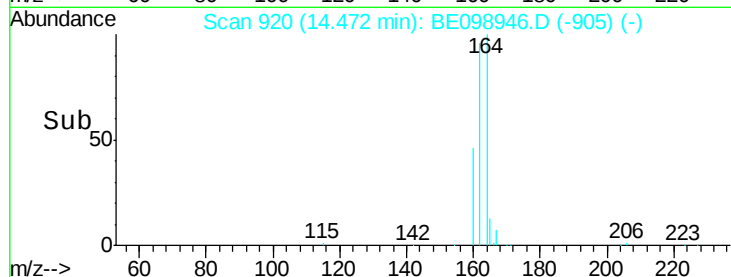
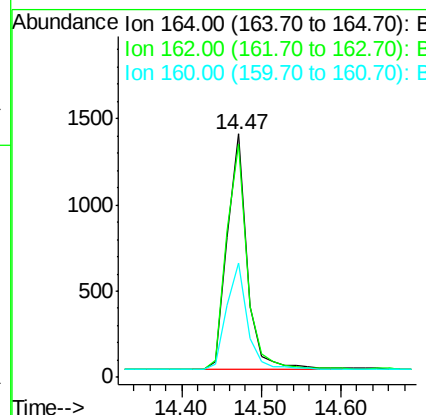
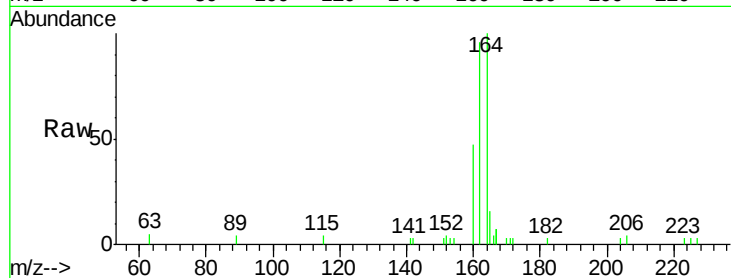




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: BE098946.D
 Acq: 14 Mar 2019 15:41

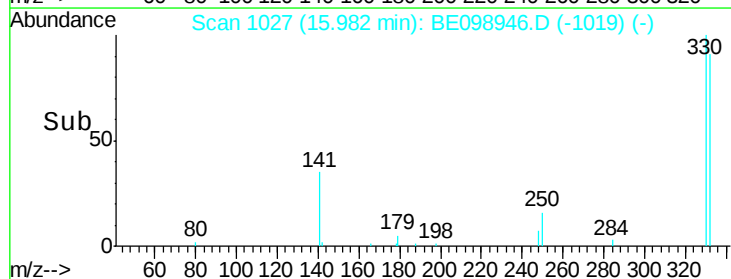
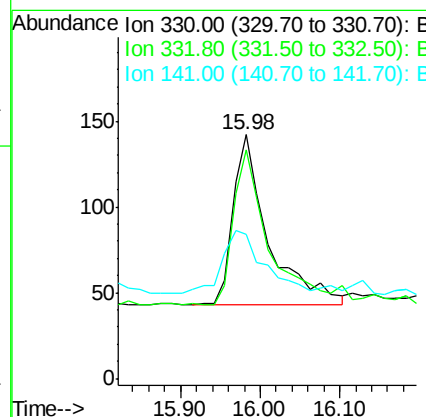
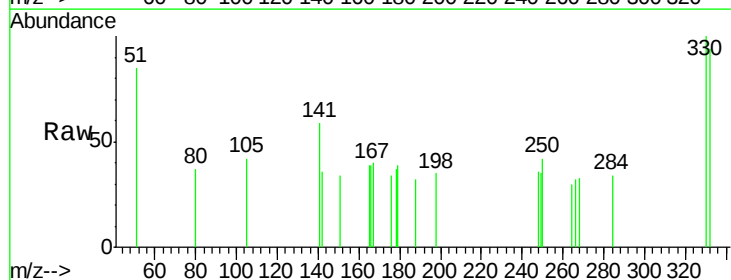
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2377
 Ion Ratio Lower Upper
 164 100
 162 95.7 80.2 120.2
 160 47.2 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.256 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098946.D
 Acq: 14 Mar 2019 15:41

Tgt Ion:330 Resp: 307
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.6 116.4
 141 39.7 31.0 46.4

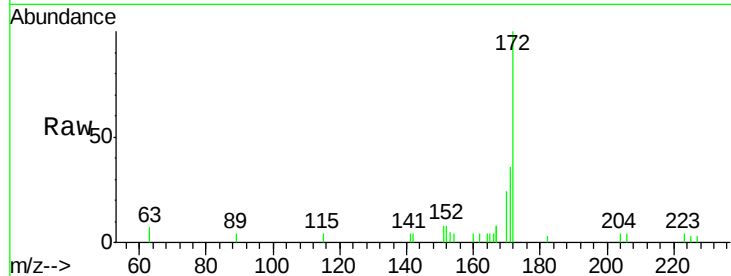




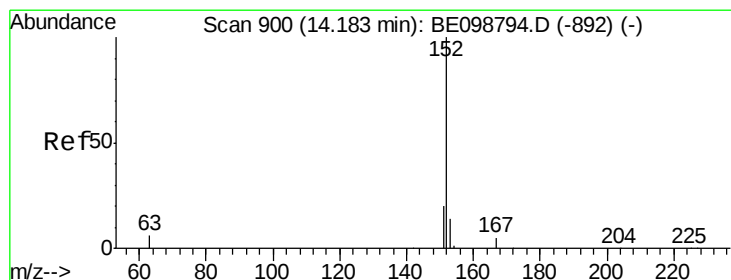
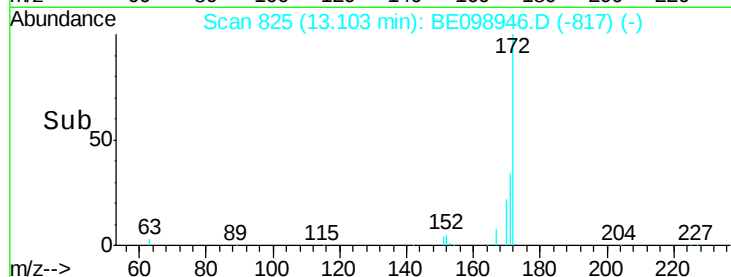
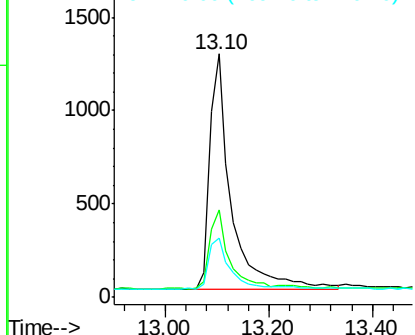
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098946.D
Acq: 14 Mar 2019 15:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3659
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.5 17.7 26.5

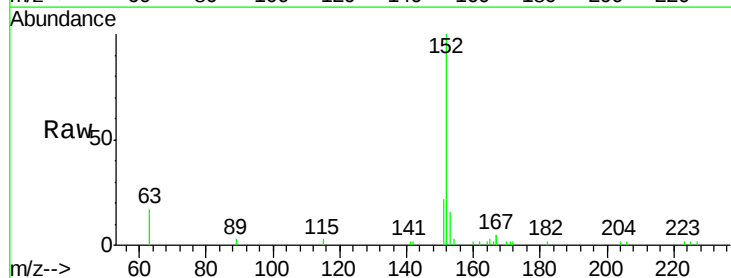


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

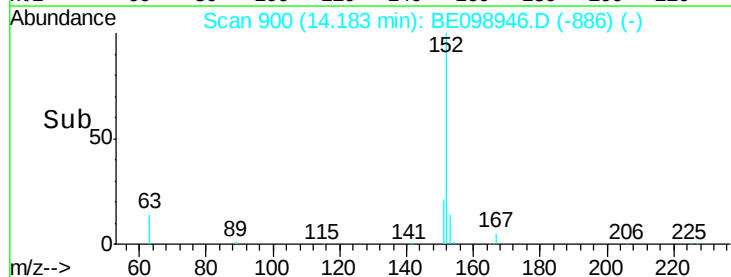
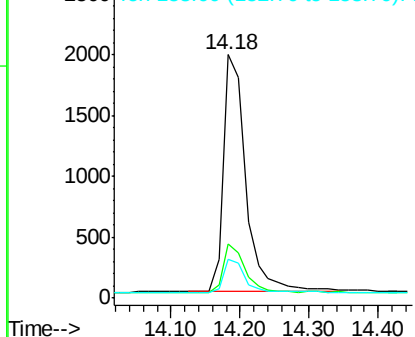


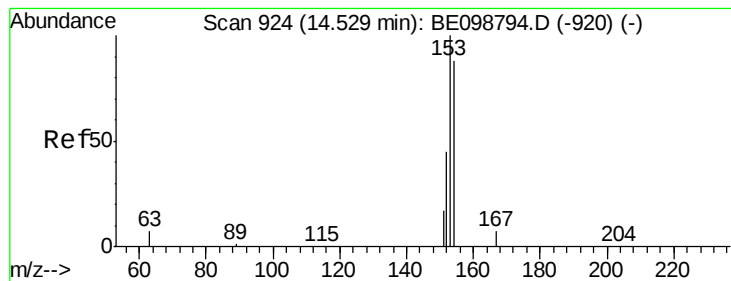
#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098946.D
Acq: 14 Mar 2019 15:41

Tgt Ion:152 Resp: 4423
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 13.8 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: 0.376 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

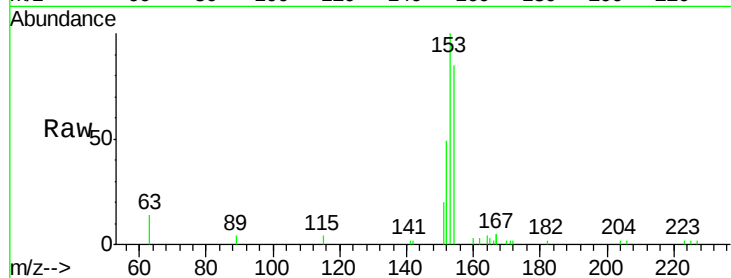
Tgt Ion:154 Resp: 2724

Ion Ratio Lower Upper

154 100

153 118.6 94.2 141.4

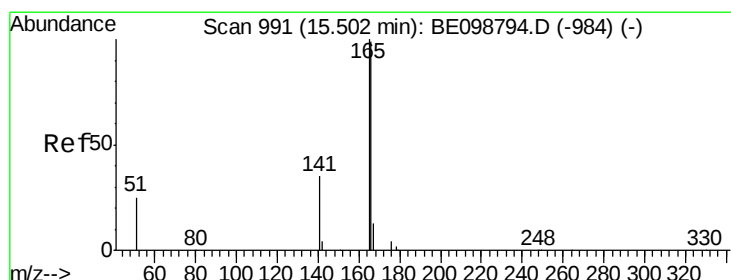
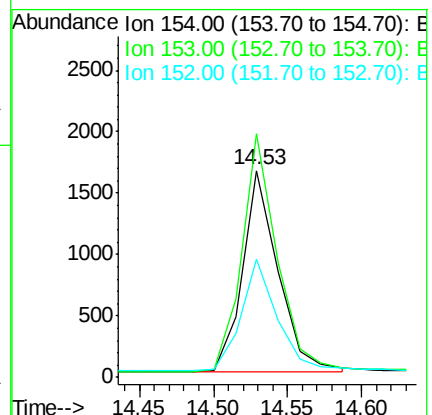
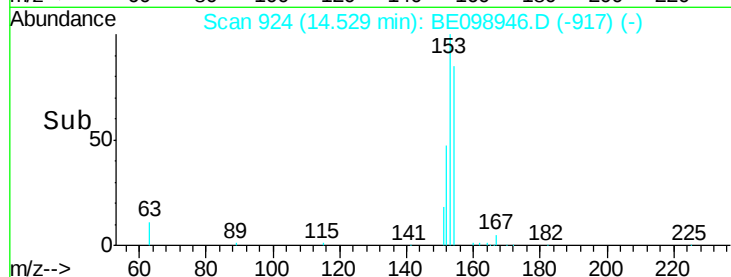
152 56.9 45.0 67.4



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: 0.350 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

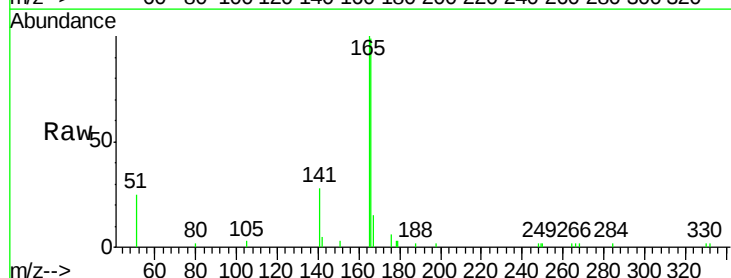
Tgt Ion:166 Resp: 3663

Ion Ratio Lower Upper

166 100

165 103.4 79.3 118.9

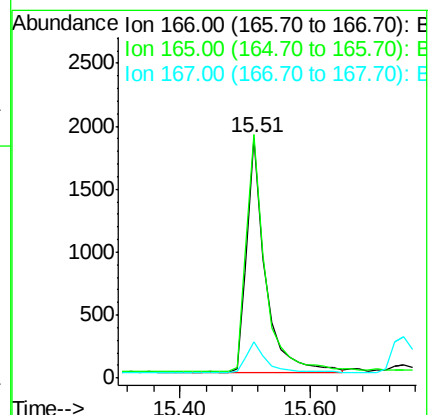
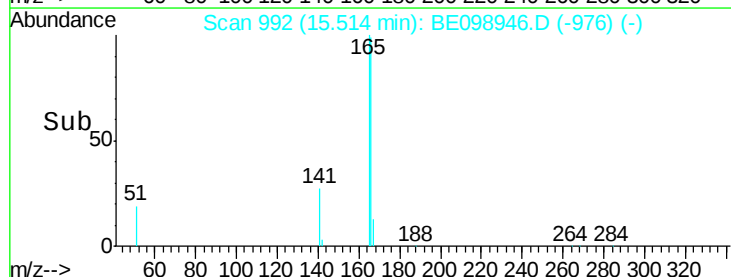
167 14.0 10.5 15.7



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

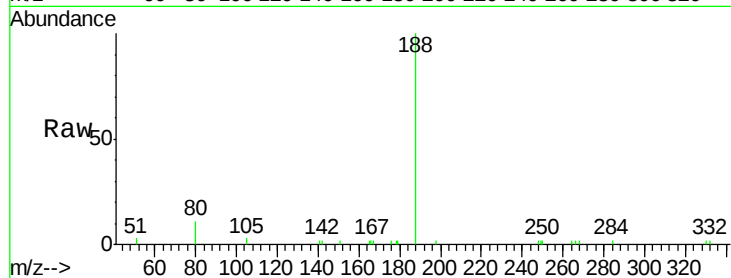
Tgt Ion:188 Resp: 5654

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

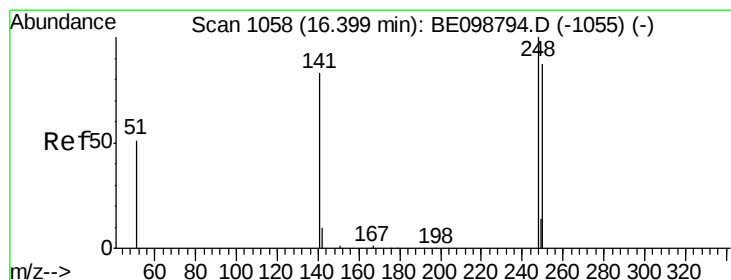
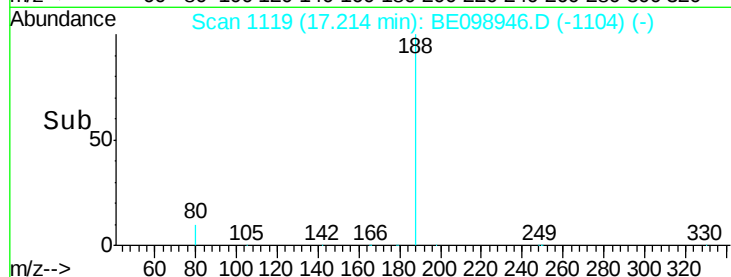
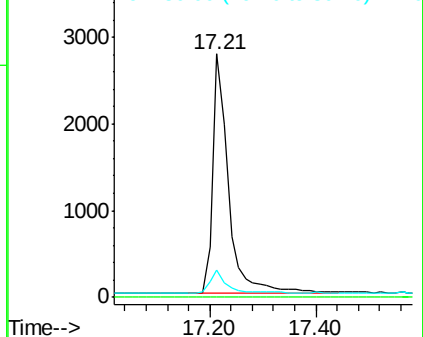
80 11.4 6.3 9.5#



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: 0.325 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

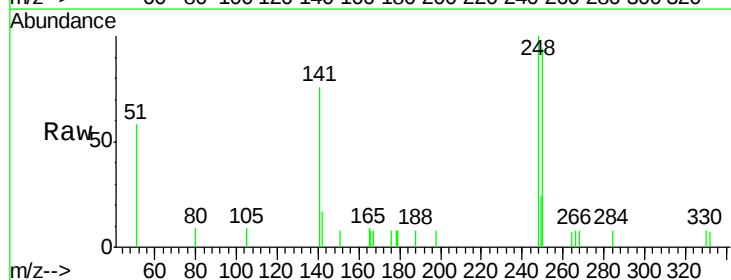
Tgt Ion:248 Resp: 995

Ion Ratio Lower Upper

248 100

250 93.6 70.6 105.8

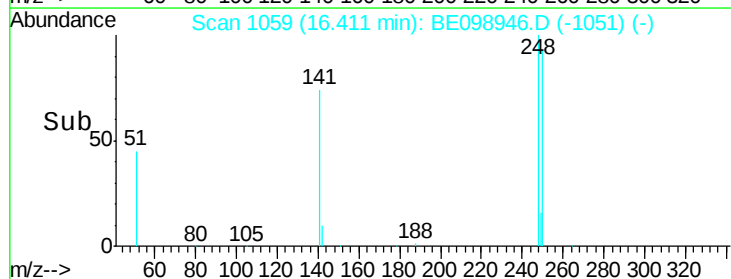
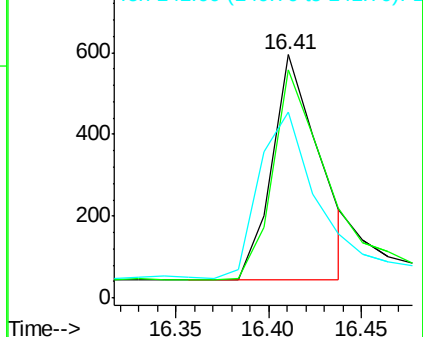
141 76.1 68.6 102.8



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: 0.384 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

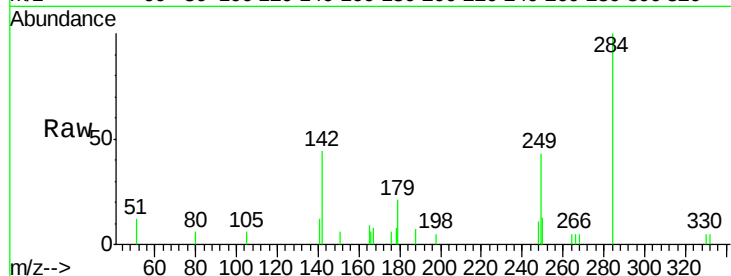
Tgt Ion:284 Resp: 1398

Ion Ratio Lower Upper

284 100

142 38.6 28.7 43.1

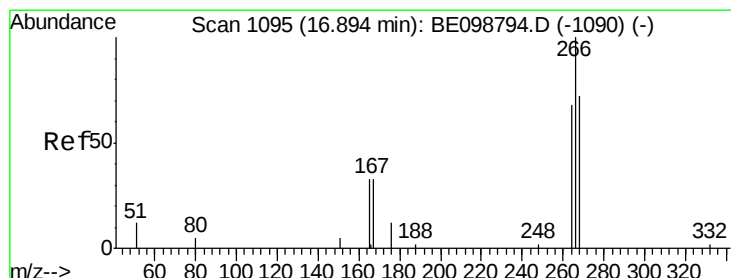
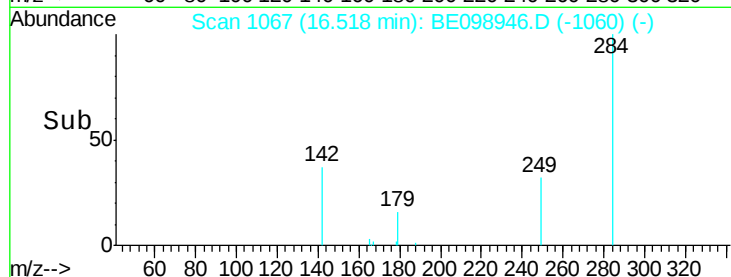
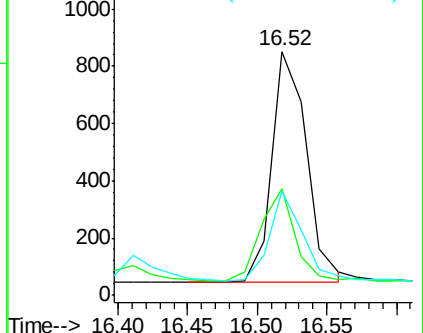
249 36.3 29.6 44.4



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: 0.325 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

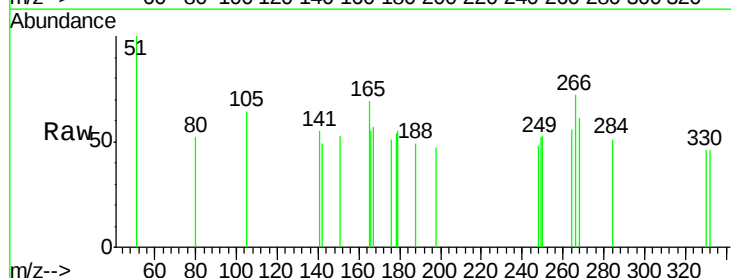
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

264 77.9 66.6 100.0

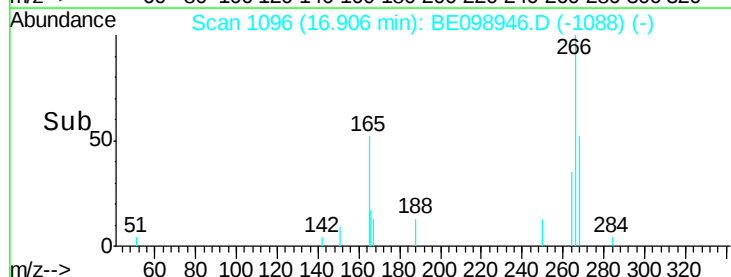
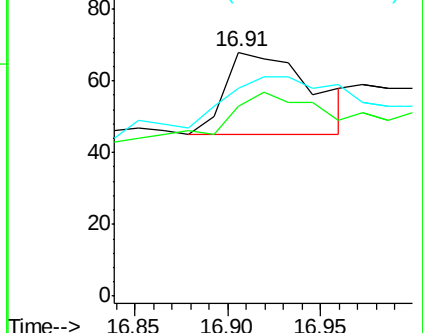
268 85.3 69.8 104.8



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: 0.372 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

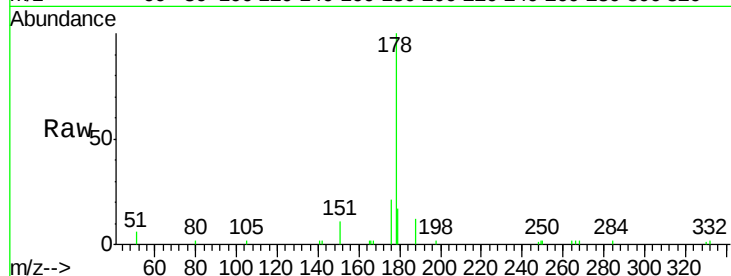
Tgt Ion:178 Resp: 5985

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

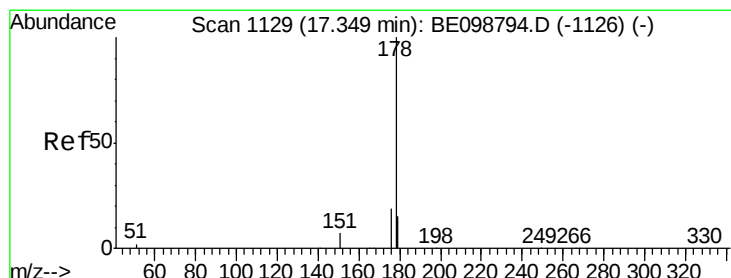
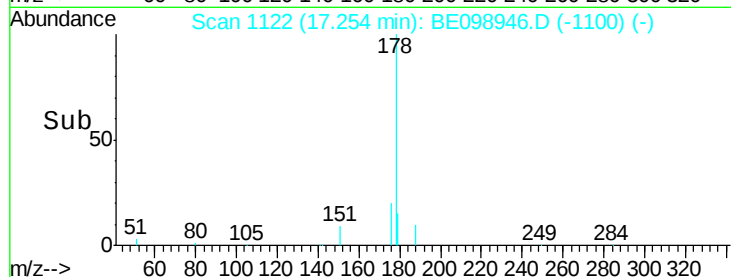
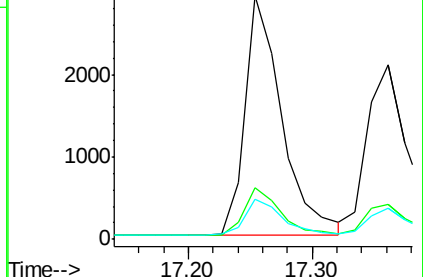
179 15.3 12.1 18.1



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: 0.315 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

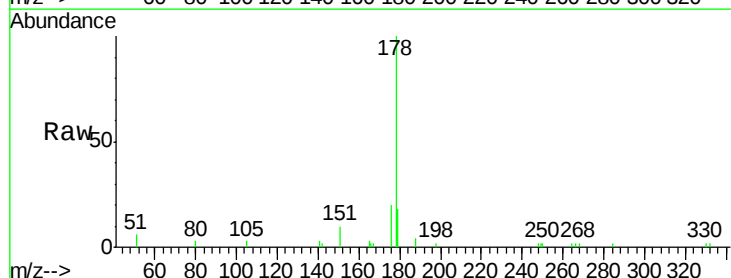
Tgt Ion:178 Resp: 4326

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

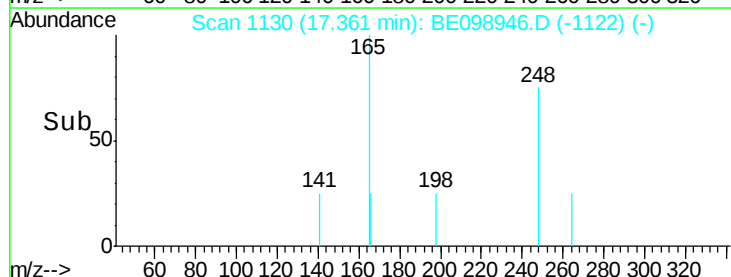
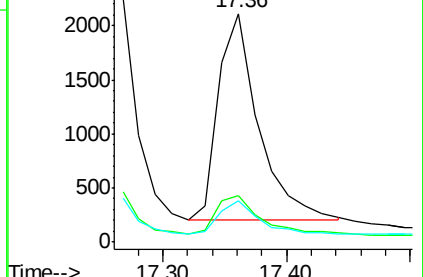
179 16.1 12.2 18.4

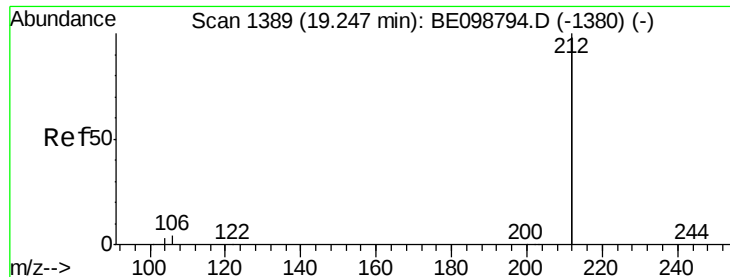


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

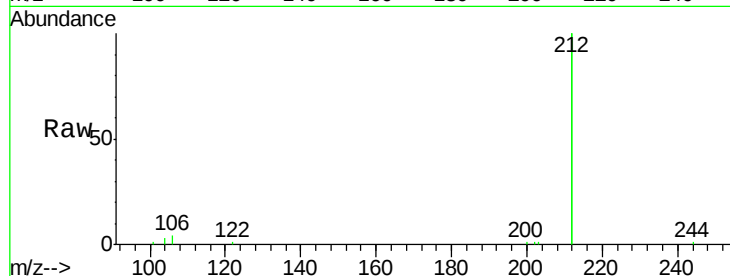
Tgt Ion:212 Resp: 30591

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

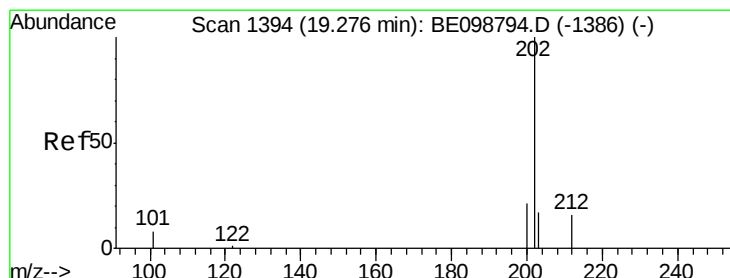
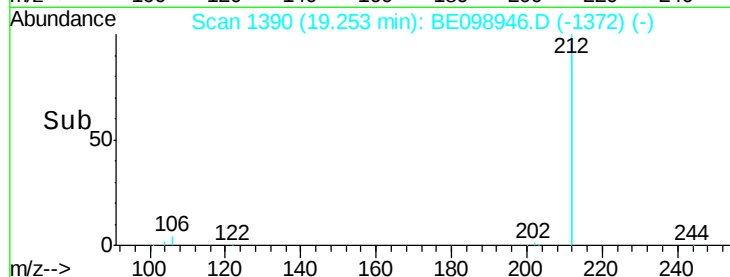
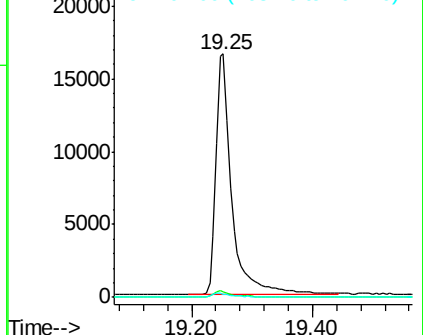
104 1.3 1.0 1.6



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: 0.336 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

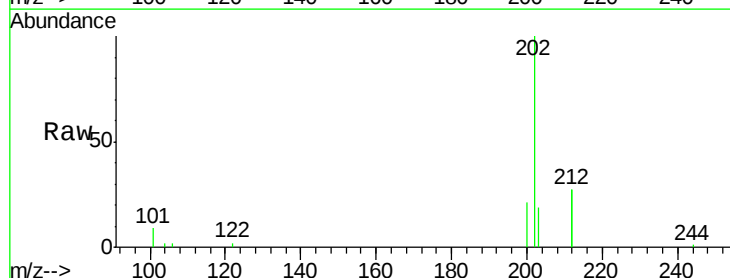
Tgt Ion:202 Resp: 7617

Ion Ratio Lower Upper

202 100

101 8.6 7.3 10.9

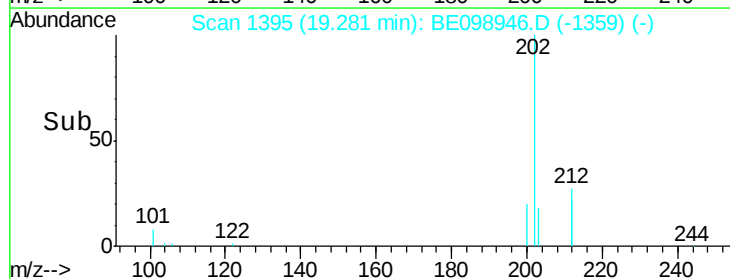
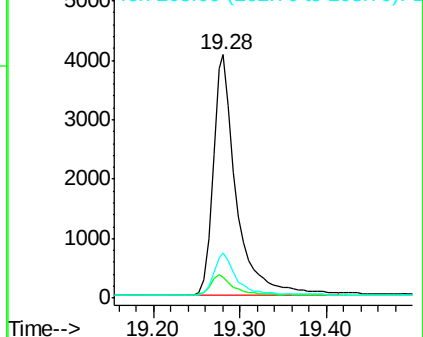
203 17.5 13.4 20.2

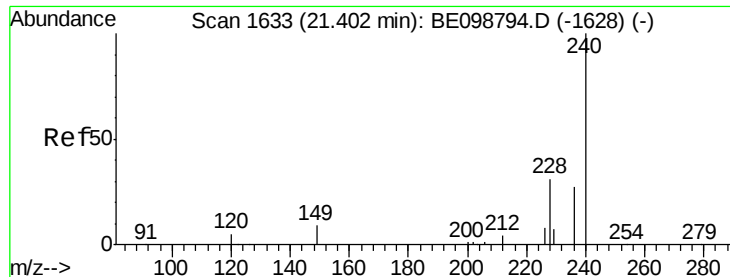


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

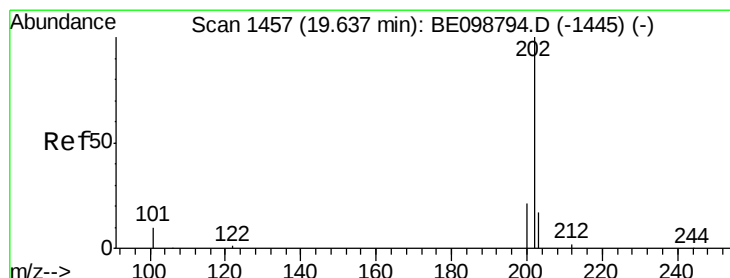
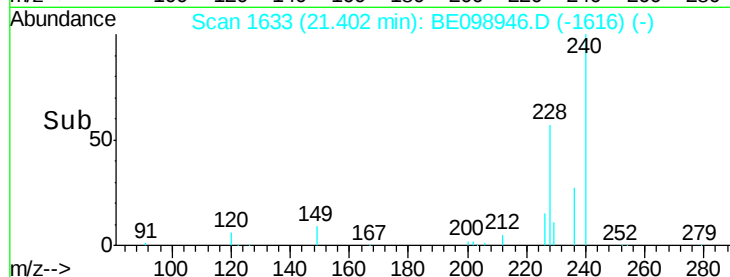
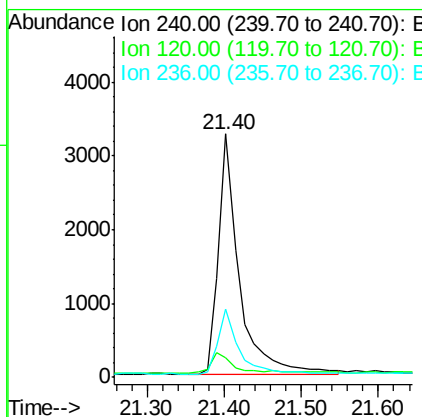
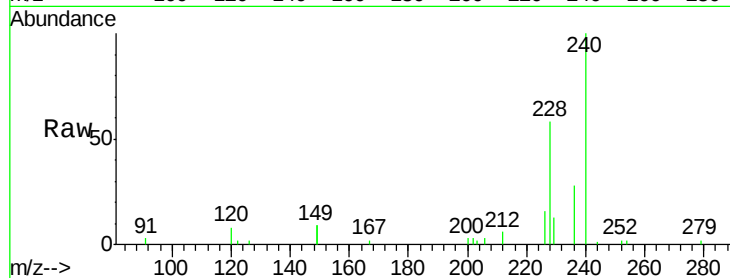




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098946.D
 Acq: 14 Mar 2019 15:41

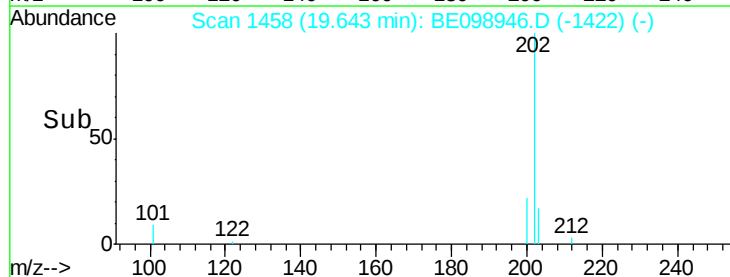
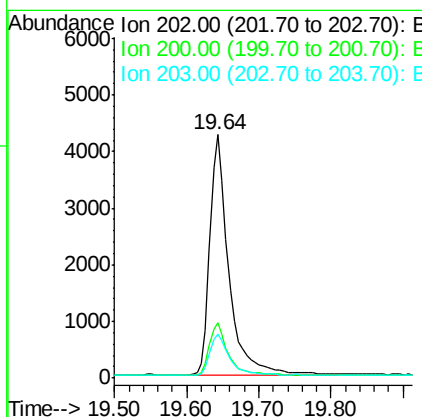
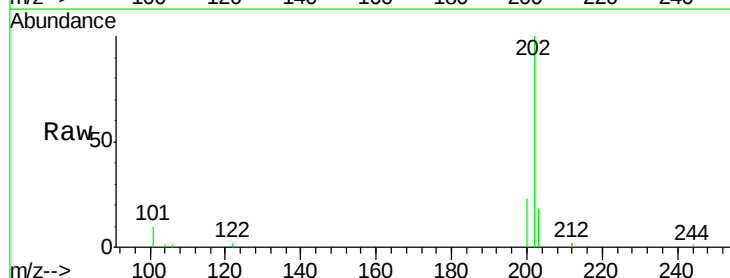
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

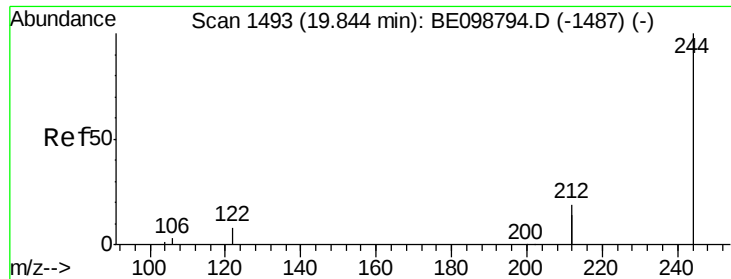
Tgt Ion:240 Resp: 6044
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.0 7.4#
 236 27.9 22.7 34.1



#28
 Pyrene
 Concen: 0.421 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BE098946.D
 Acq: 14 Mar 2019 15:41

Tgt Ion:202 Resp: 7790
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.0 25.6
 203 17.0 14.2 21.2





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

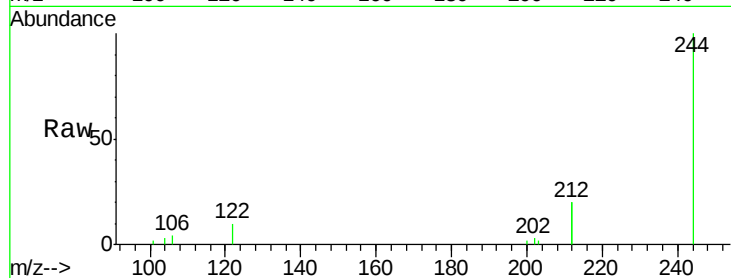
Tgt Ion:244 Resp: 5487

Ion Ratio Lower Upper

244 100

212 39.9 29.4 44.2

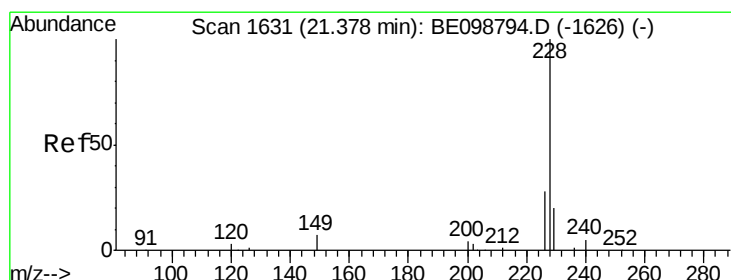
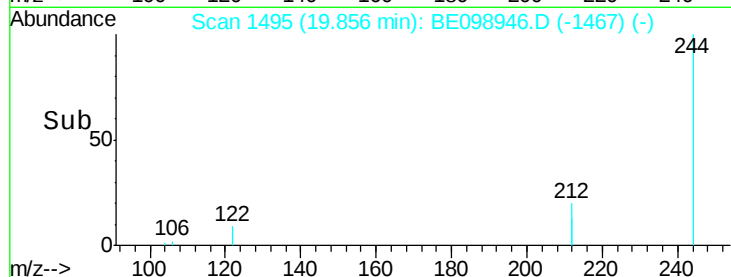
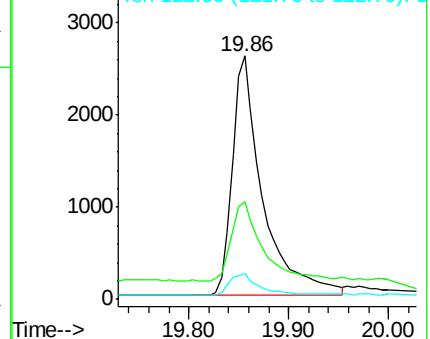
122 10.4 7.1 10.7



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: 0.330 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

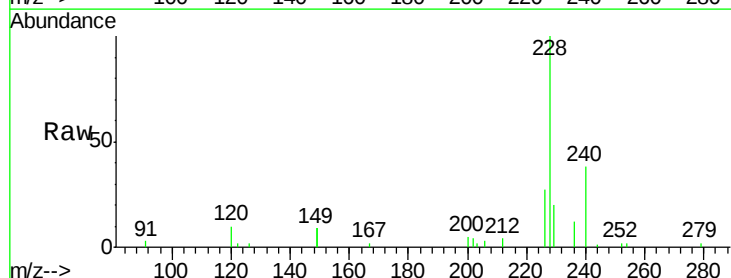
Tgt Ion:228 Resp: 6229

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

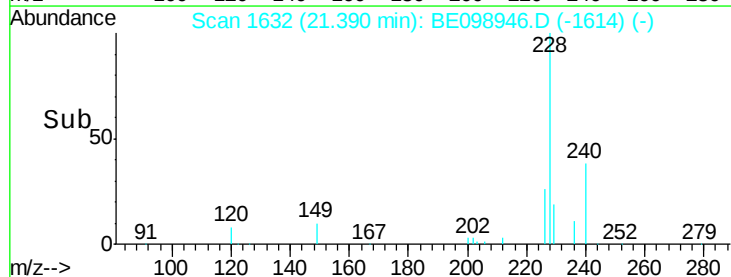
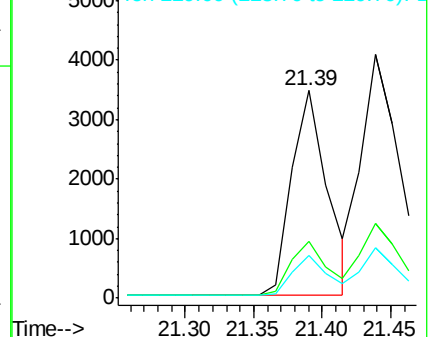
229 20.3 16.5 24.7

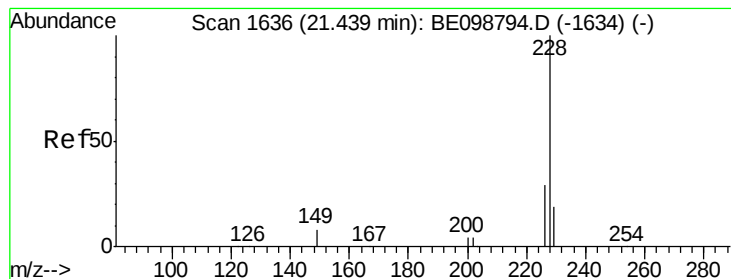


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

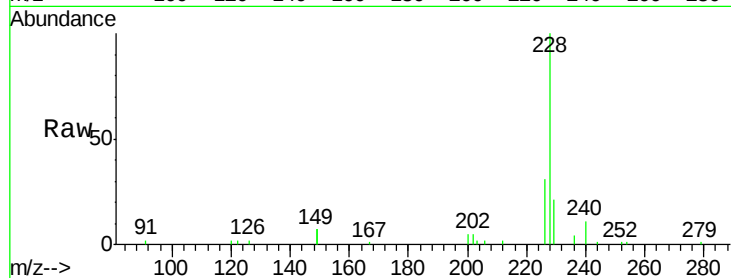
Tgt Ion:228 Resp: 7953

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

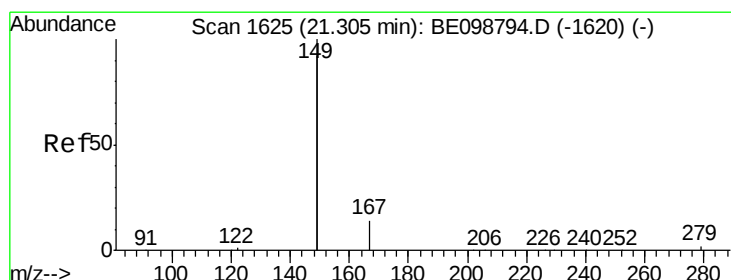
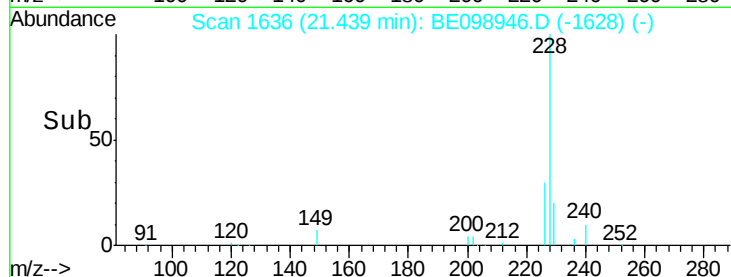
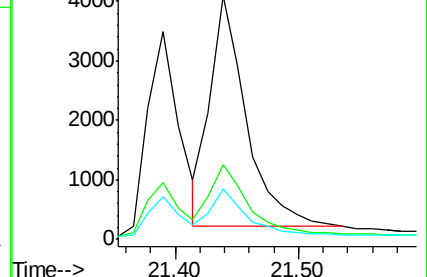
229 20.8 16.1 24.1



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: 0.276 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

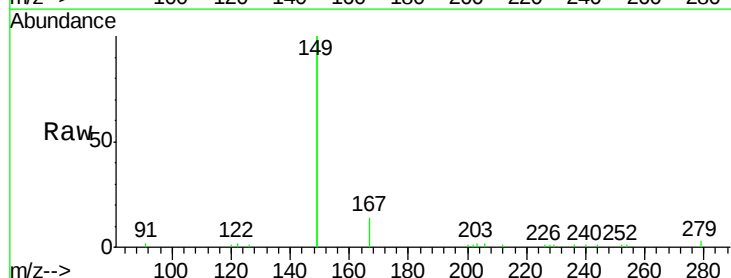
Tgt Ion:149 Resp: 11097

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

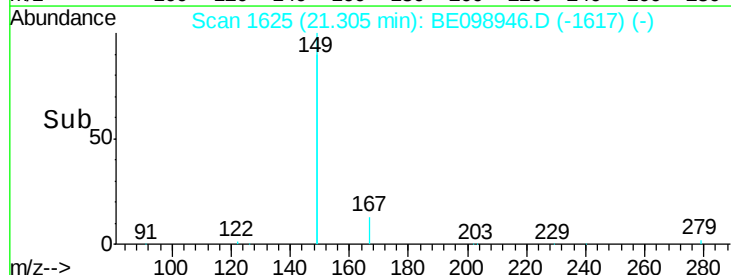
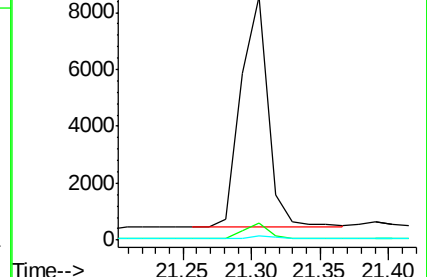
279 1.1 1.0 1.4



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: 0.320 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

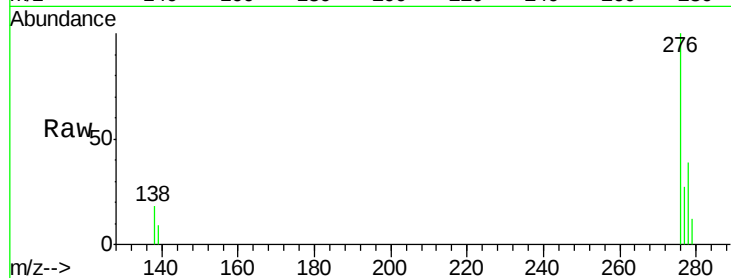
Tgt Ion:276 Resp: 6827

Ion Ratio Lower Upper

276 100

138 16.7 13.8 20.8

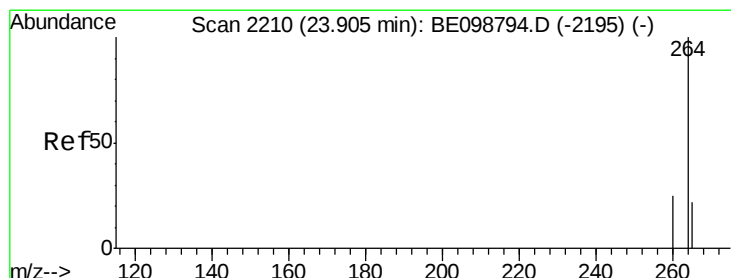
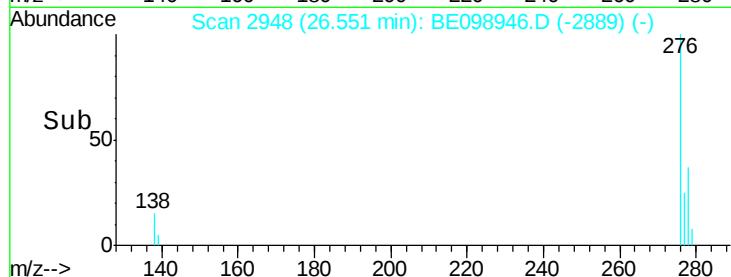
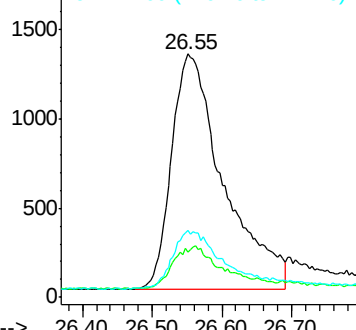
277 8.7 19.5 29.3#



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: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

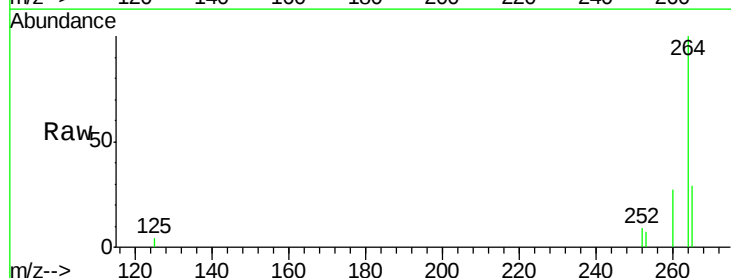
Tgt Ion:264 Resp: 5761

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

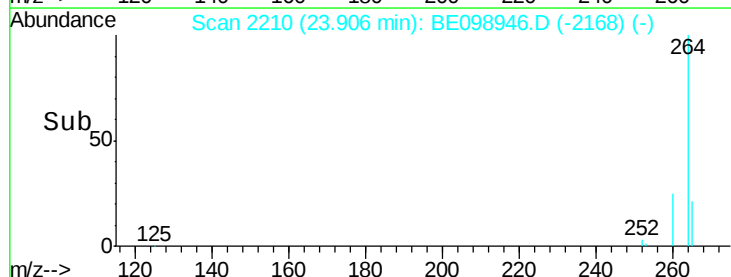
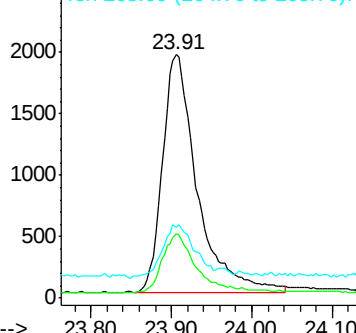
265 29.1 24.6 36.8



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: 0.361 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

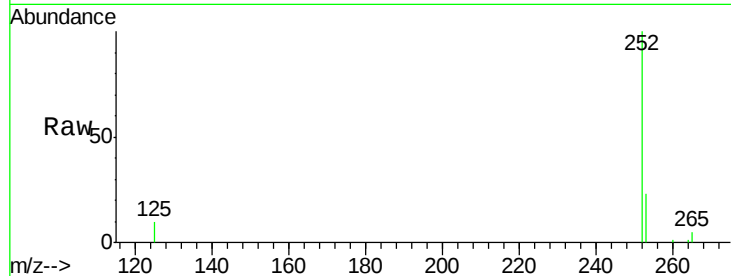
Tgt Ion:252 Resp: 6833

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

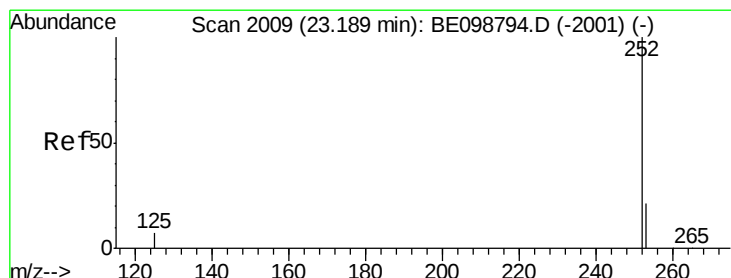
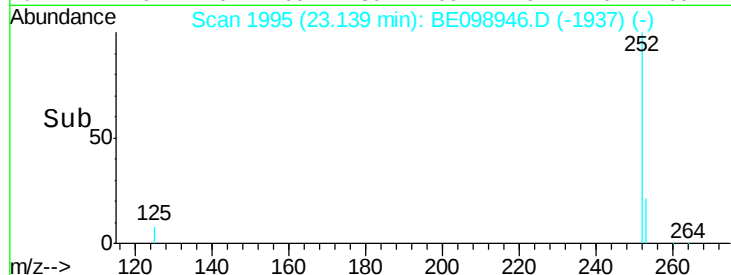
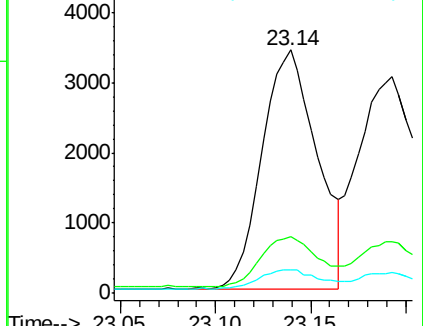
125 9.6 7.3 10.9



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: 0.399 ng

RT: 23.19 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

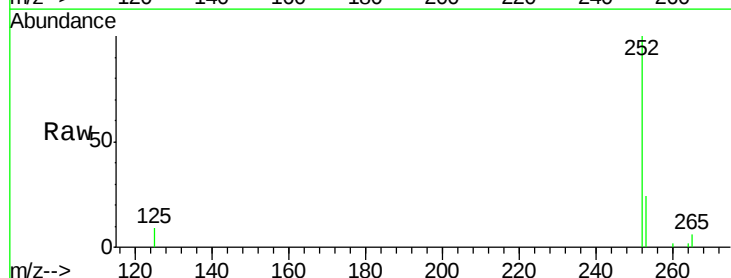
Tgt Ion:252 Resp: 7904

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

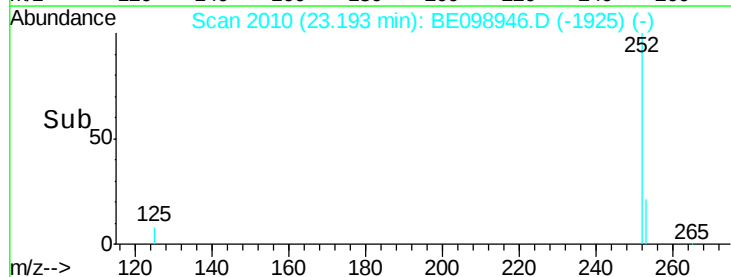
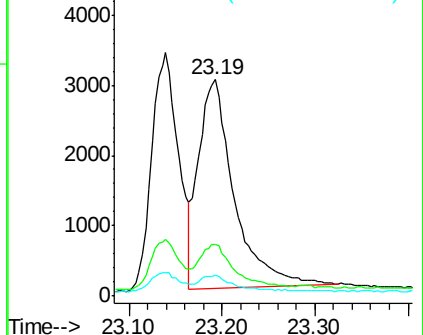
125 9.5 7.5 11.3

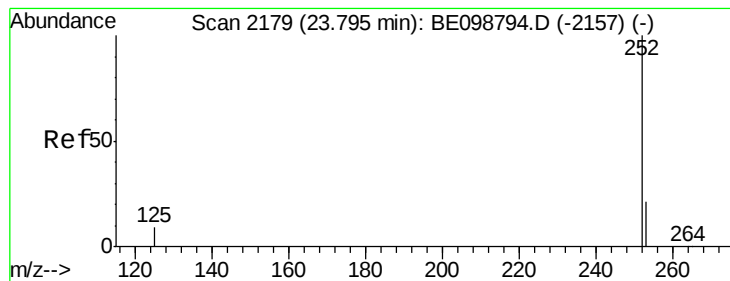


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.80 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

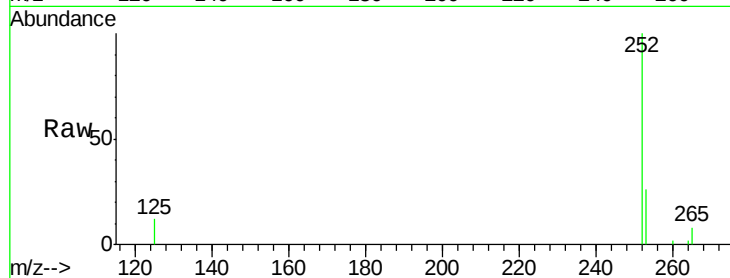
Tgt Ion:252 Resp: 6690

Ion Ratio Lower Upper

252 100

253 26.1 19.9 29.9

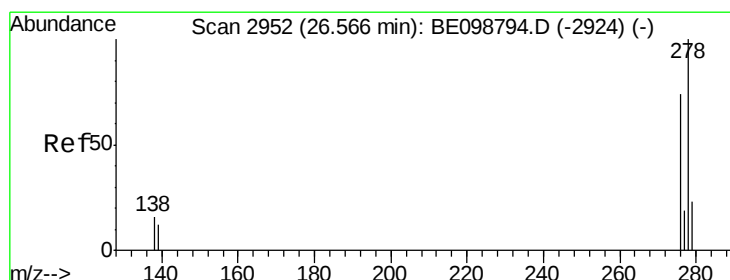
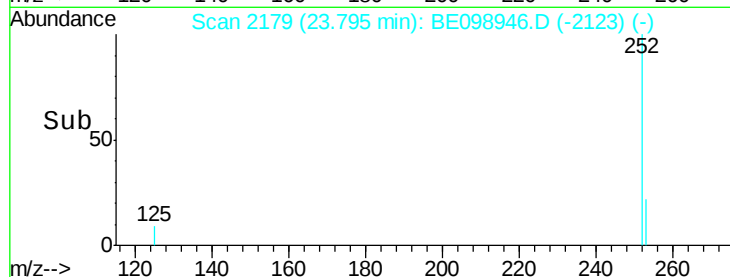
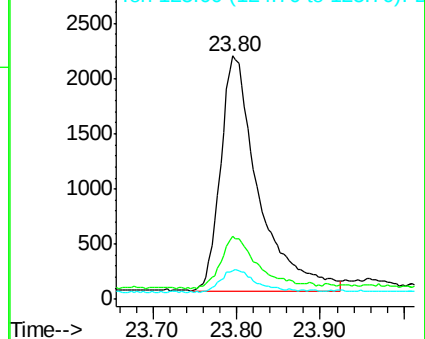
125 12.0 9.0 13.4



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: 0.301 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BE098946.D

Acq: 14 Mar 2019 15:41

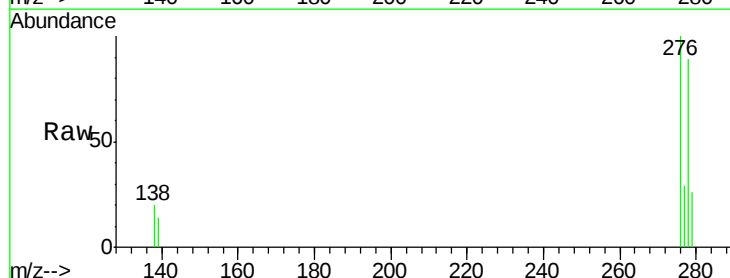
Tgt Ion:278 Resp: 5173

Ion Ratio Lower Upper

278 100

139 15.7 11.8 17.6

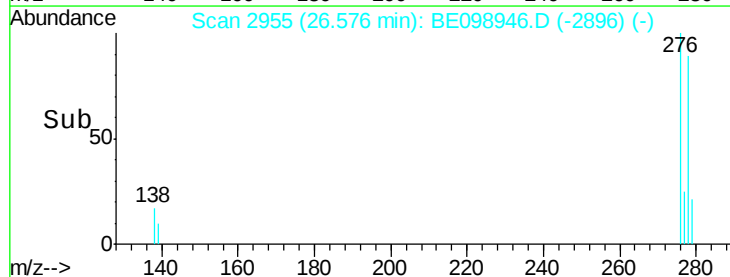
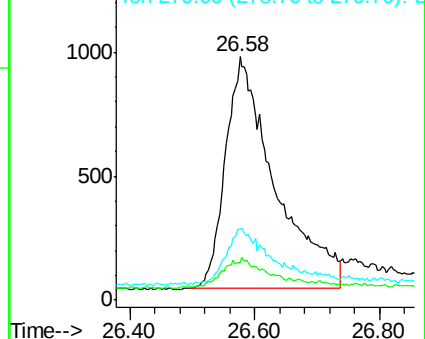
279 29.0 21.1 31.7

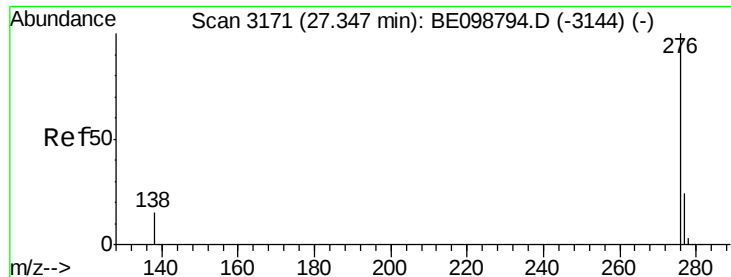


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.357 ng

RT: 27.36 min Scan# 3174

Delta R.T. 0.01 min

Lab File: BE098946.D

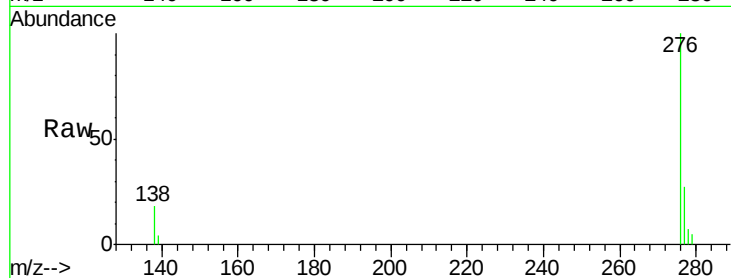
Acq: 14 Mar 2019 15:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



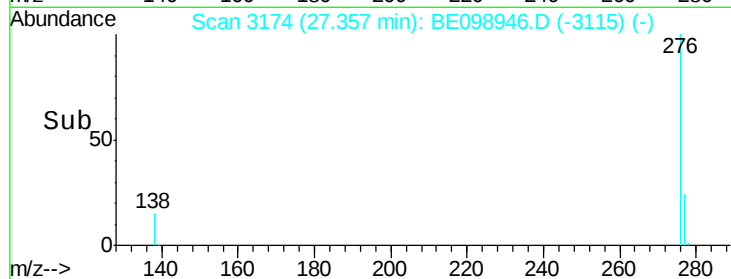
Tgt Ion: 276 Resp: 6421

Ion Ratio Lower Upper

276 100

277 26.6 20.4 30.6

138 18.2 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

