

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE098994.D
 Acq On : 18 Mar 2019 10:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 19 01:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	803	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3715	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2483	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6079	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6625	0.40	ng	0.00
34) Perylene-d12	23.90	264	6264	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	738	0.31	ng	0.04
5) Phenol-d6	7.00	99	1218	0.36	ng	0.01
8) Nitrobenzene-d5	8.98	82	1667	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2694	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	320	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5672	0.55	ng	0.00
25) Fluoranthene-d10	19.24	212	32459	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	19812	1.23	ng	0.00

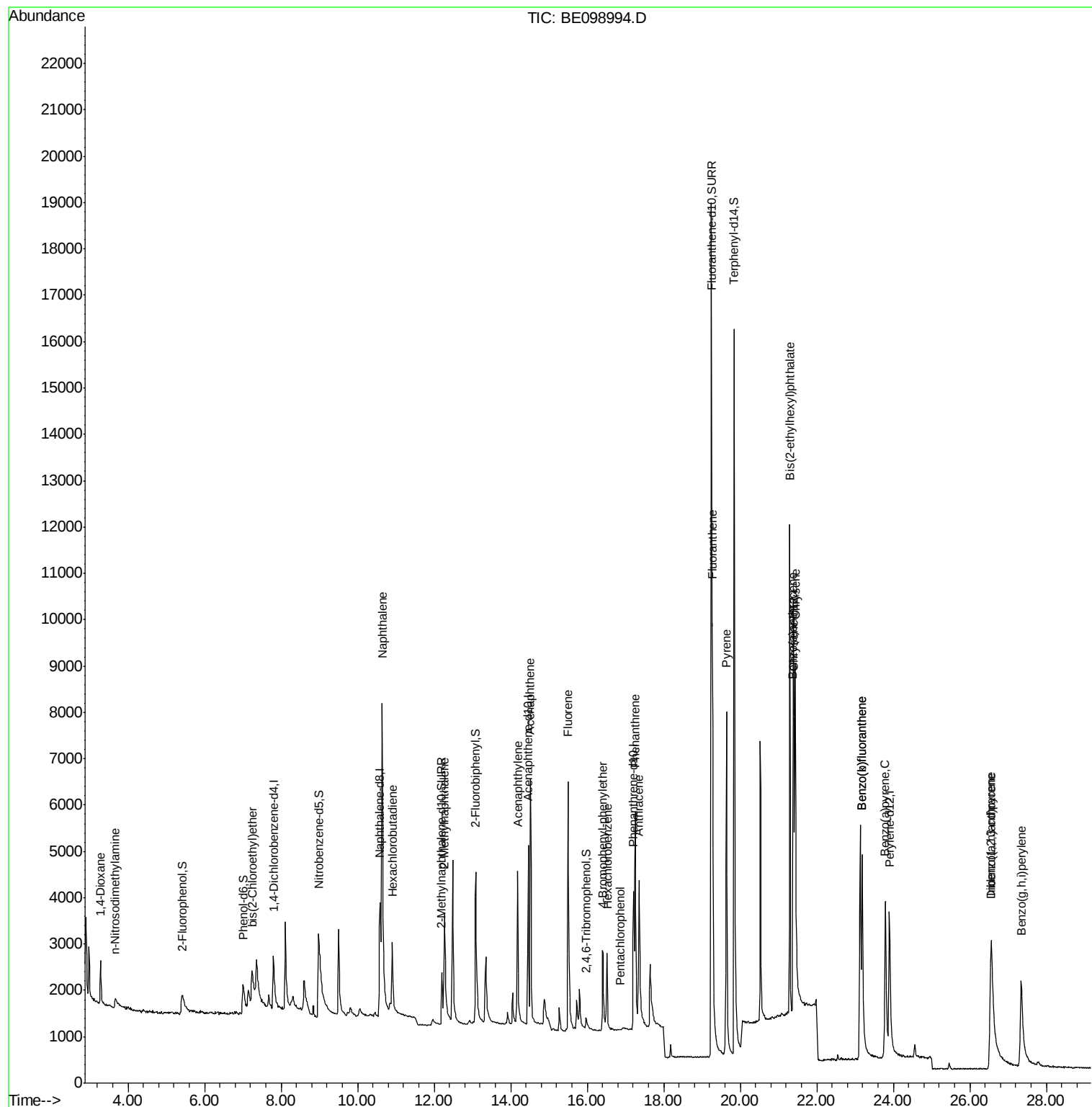
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	638	0.412	ng	92
3) n-Nitrosodimethylamine	3.67	42	207	0.102	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	828	0.316	ng	86
9) Naphthalene	10.64	128	17162	0.403	ng	100
10) Hexachlorobutadiene	10.91	225	1108	0.394	ng	97
12) 2-Methylnaphthalene	12.27	142	2609	0.378	ng	98
16) Acenaphthylene	14.18	152	4992	0.391	ng	97
17) Acenaphthene	14.51	154	3008	0.397	ng	98
18) Fluorene	15.50	166	4042	0.370	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1287	0.391	ng	# 83
21) Hexachlorobenzene	16.52	284	1575	0.402	ng	95
22) Pentachlorophenol	16.87	266	9	0.271	ng	87
23) Phenanthrene	17.25	178	6529	0.378	ng	100
24) Anthracene	17.35	178	4874	0.330	ng	99
26) Fluoranthene	19.28	202	8550	0.351	ng	99
28) Pyrene	19.64	202	8580	0.423	ng	99
30) Benzo(a)anthracene	21.38	228	7508	0.363	ng	99
31) Chrysene	21.44	228	8621	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11936	0.271	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	6841	0.293	ng	# 90
35) Benzo(b)fluoranthene	23.18	252	8923	0.433	ng	97
36) Benzo(k)fluoranthene	23.18	252	9581	0.444	ng	99
37) Benzo(a)pyrene	23.79	252	7886	0.399	ng	# 95
38) Dibenzo(a,h)anthracene	26.57	278	5442	0.291	ng	# 92
39) Benzo(g,h,i)perylene	27.34	276	6313	0.323	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
Data File : BE098994.D
Acq On : 18 Mar 2019 10:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 19 01:42:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



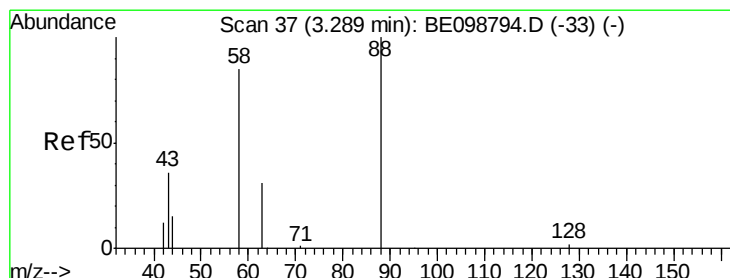
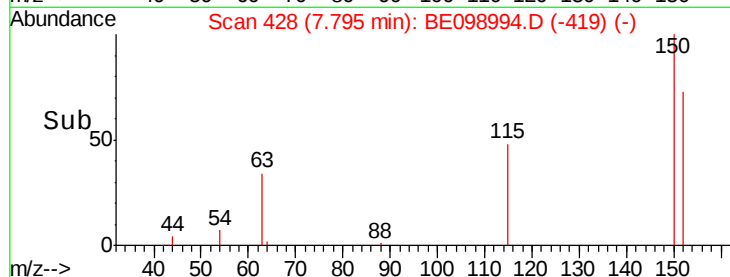
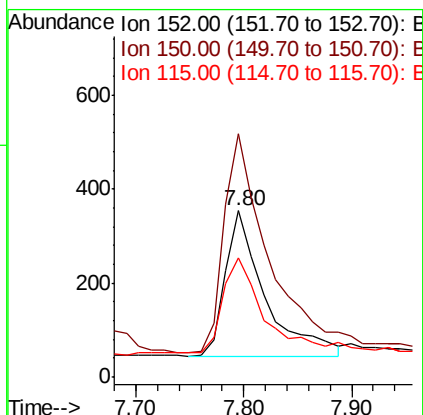
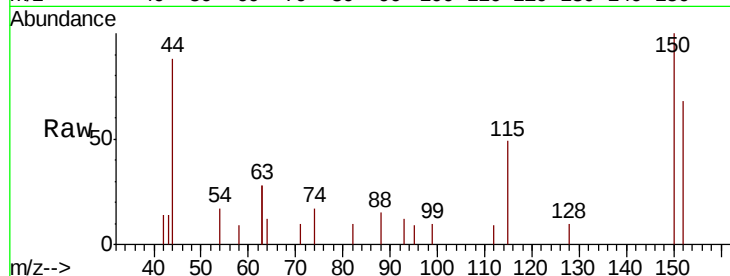


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098994.D
 Acq: 18 Mar 2019 10:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

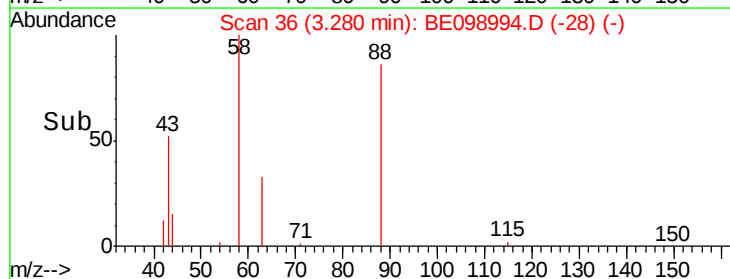
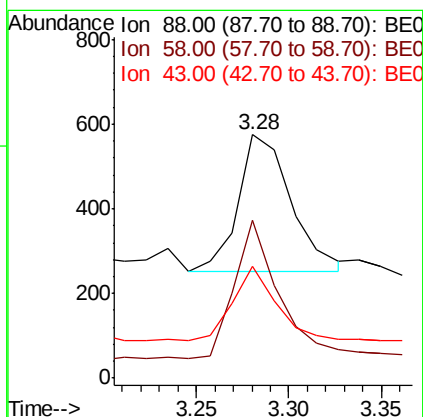
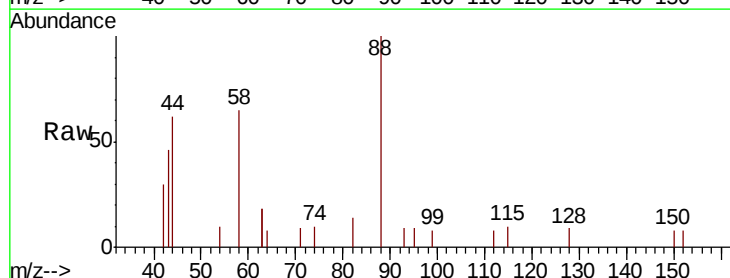
Tgt Ion: 152 Resp: 803
 Ion Ratio Lower Upper
 152 100
 150 146.3 122.5 183.7
 115 71.5 57.4 86.2



#2

1,4-Dioxane
 Concen: 0.412 ng
 RT: 3.28 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BE098994.D
 Acq: 18 Mar 2019 10:59

Tgt Ion: 88 Resp: 638
 Ion Ratio Lower Upper
 88 100
 58 86.8 75.8 113.6
 43 45.9 41.8 62.8



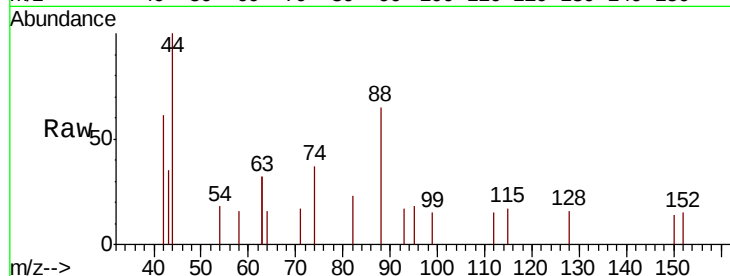


#3

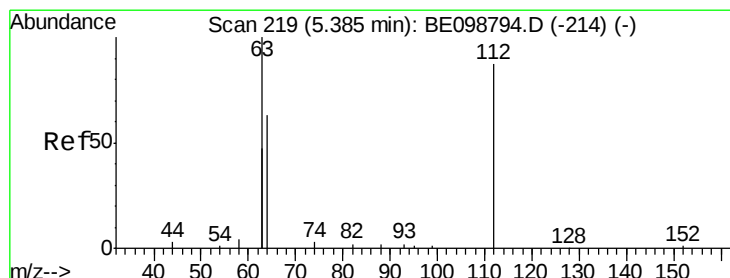
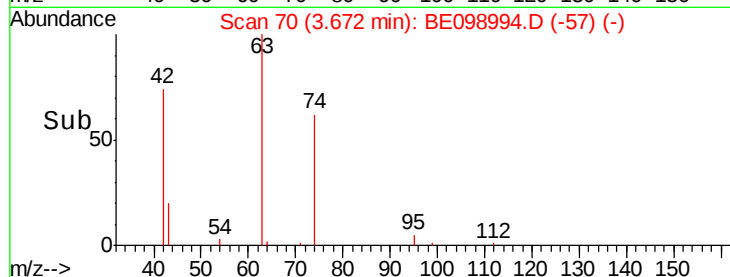
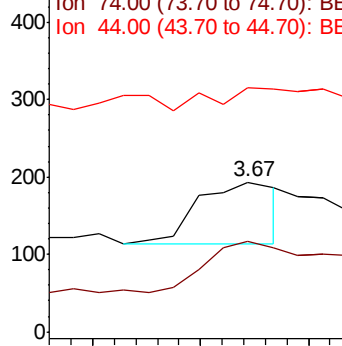
n-Nitrosodimethylamine
 Concen: 0.102 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.05 min
 Lab File: BE098994.D
 Acq: 18 Mar 2019 10:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 42 Resp: 207
 Ion Ratio Lower Upper
 42 100
 74 72.9 57.0 85.4
 44 0.0 0.0 0.0



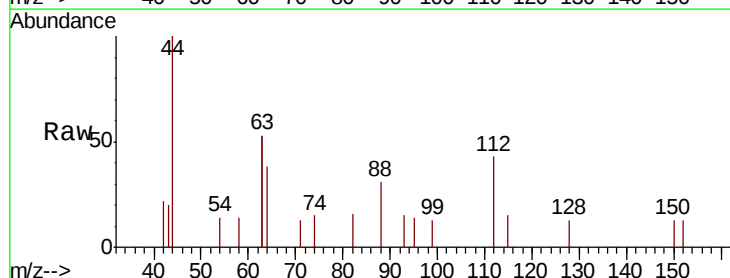
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



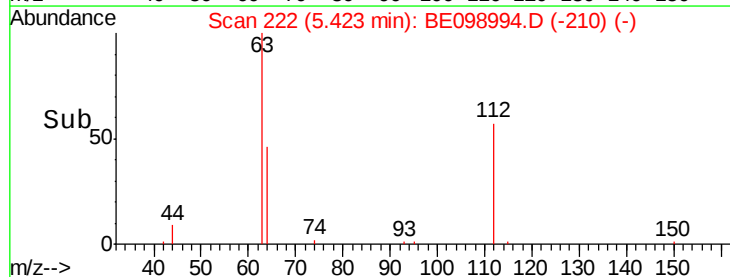
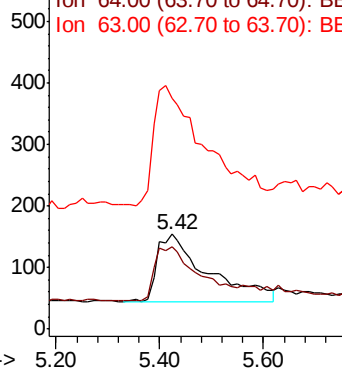
#4

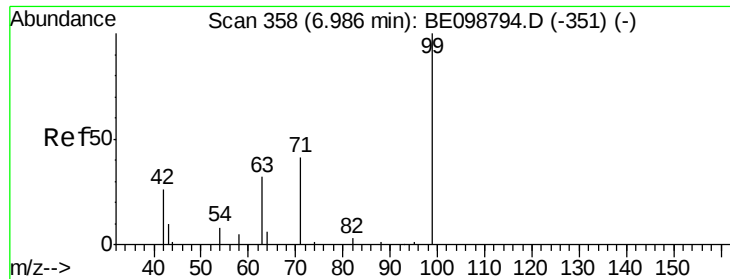
2-Fluorophenol
 Concen: 0.307 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE098994.D
 Acq: 18 Mar 2019 10:59

Tgt Ion: 112 Resp: 738
 Ion Ratio Lower Upper
 112 100
 64 71.4 57.9 86.9
 63 184.4 158.3 237.5



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

Phenol-d6

Concen: 0.359 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

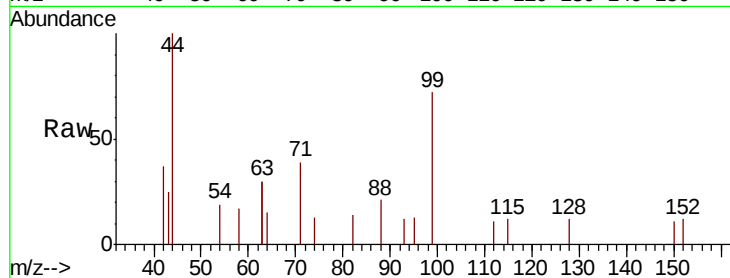
Tgt Ion: 99 Resp: 1218

Ion Ratio Lower Upper

99 100

42 30.2 24.2 36.2

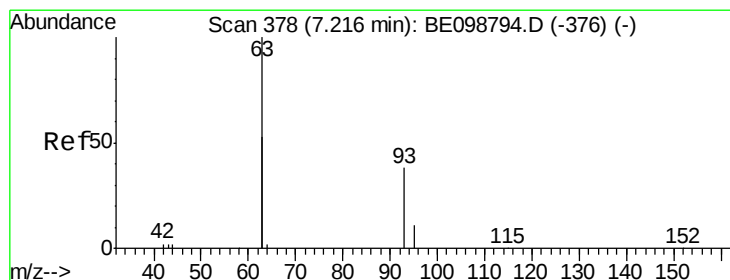
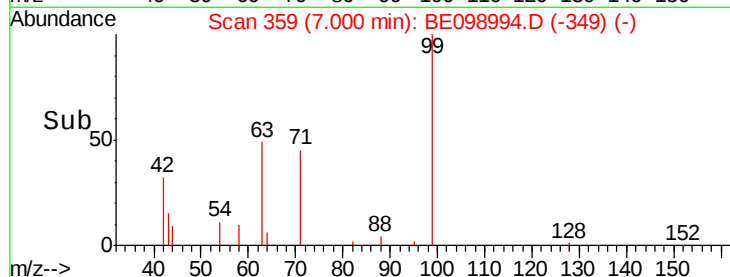
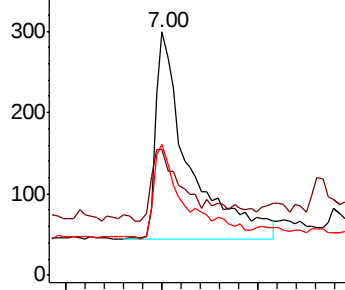
71 44.5 35.7 53.5



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: 0.316 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.03 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

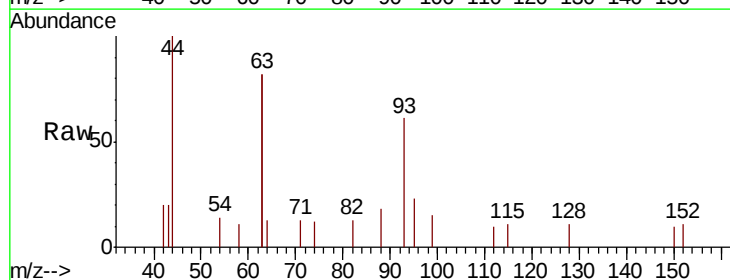
Tgt Ion: 93 Resp: 828

Ion Ratio Lower Upper

93 100

63 281.3 247.5 371.3

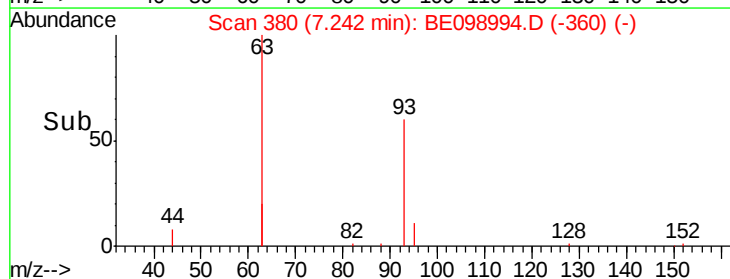
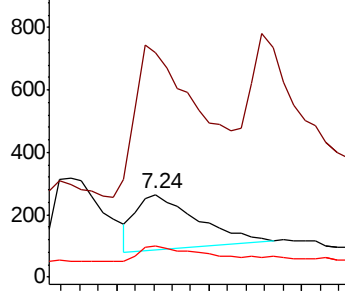
95 31.9 21.8 32.8



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3715

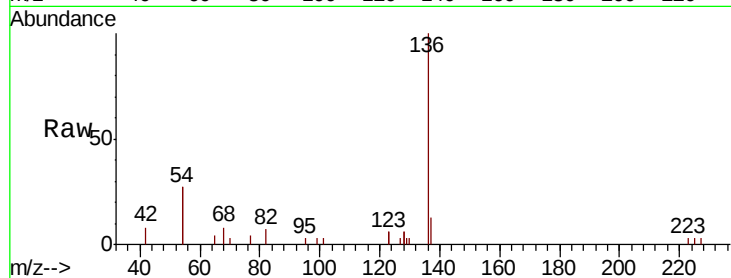
Ion Ratio Lower Upper

136 100

137 12.8 11.4 17.0

54 53.3 39.3 58.9

68 8.2 6.7 10.1

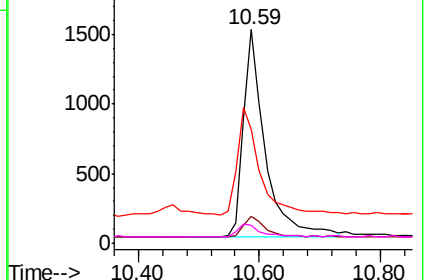
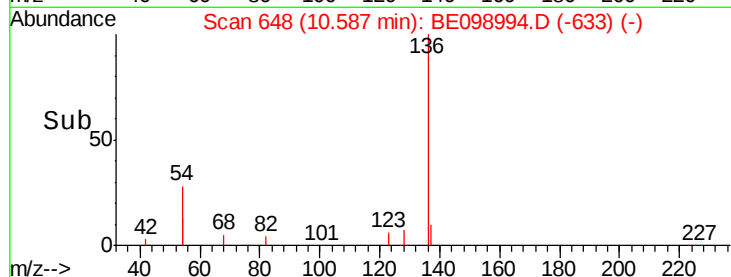


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

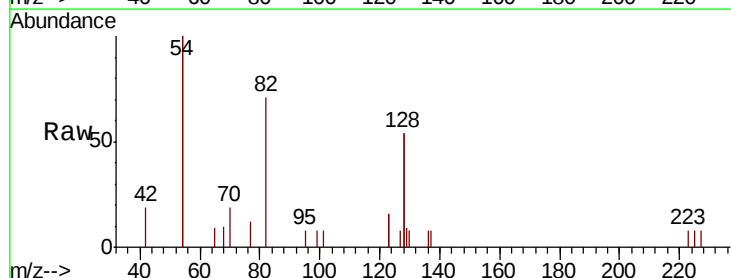
Tgt Ion: 82 Resp: 1667

Ion Ratio Lower Upper

82 100

128 151.7 123.8 185.8

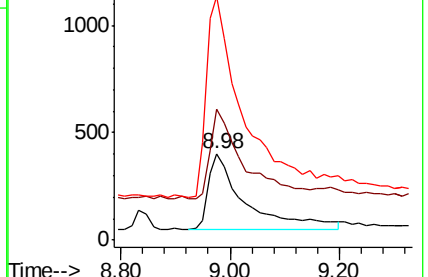
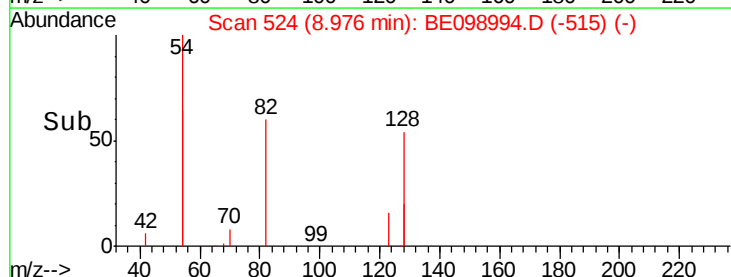
54 282.1 203.4 305.2



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: 0.403 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

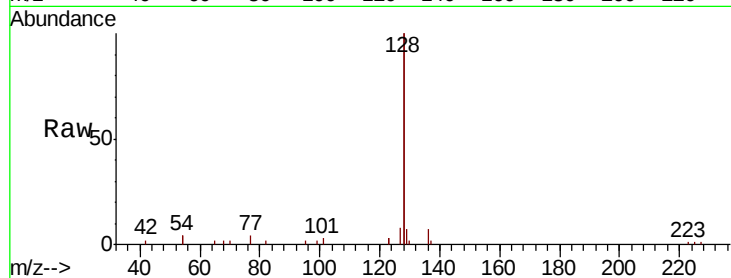
Tgt Ion:128 Resp: 17162

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

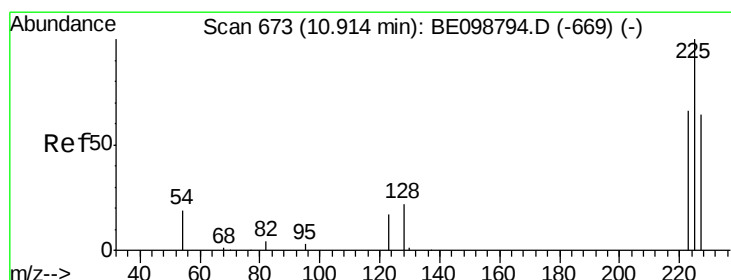
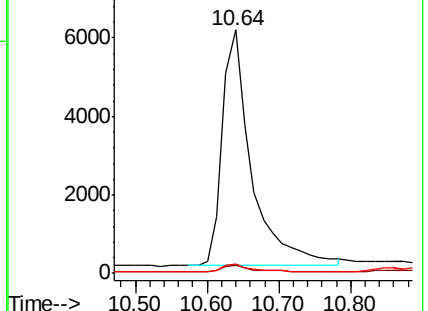
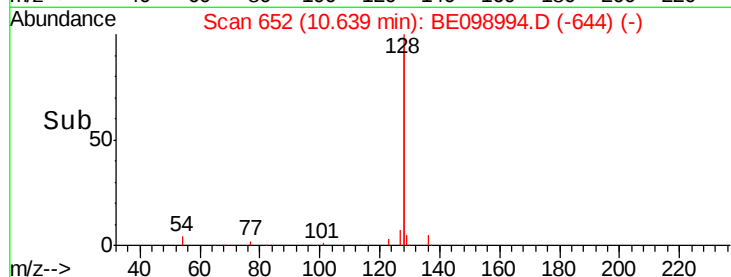
127 4.0 3.1 4.7



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: 0.394 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

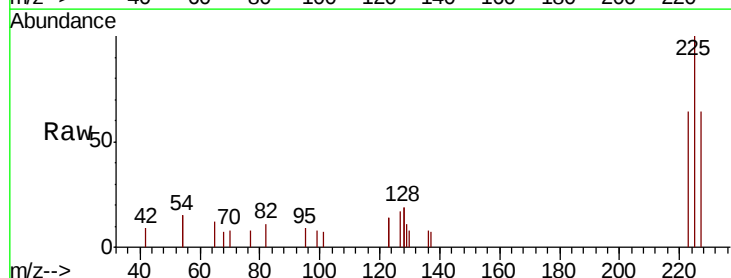
Tgt Ion:225 Resp: 1108

Ion Ratio Lower Upper

225 100

223 62.4 51.1 76.7

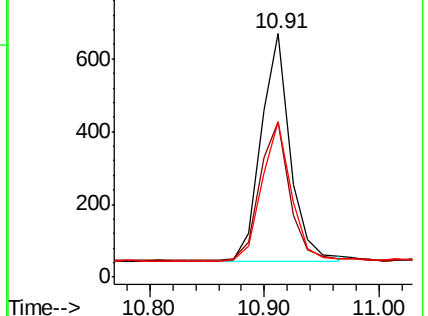
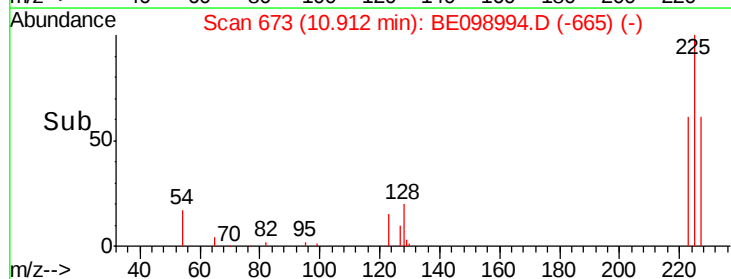
227 61.8 51.6 77.4

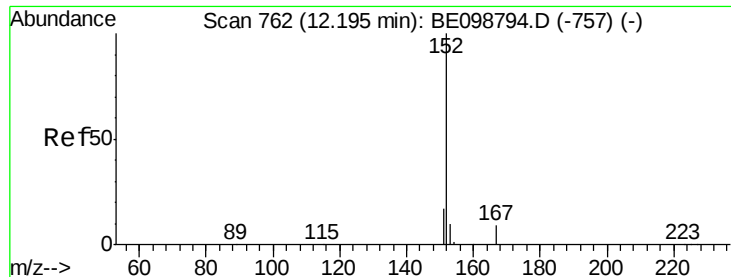


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

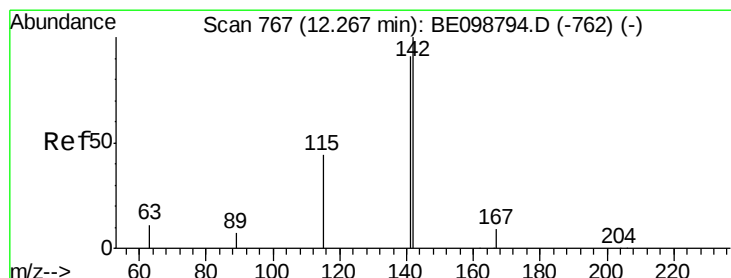
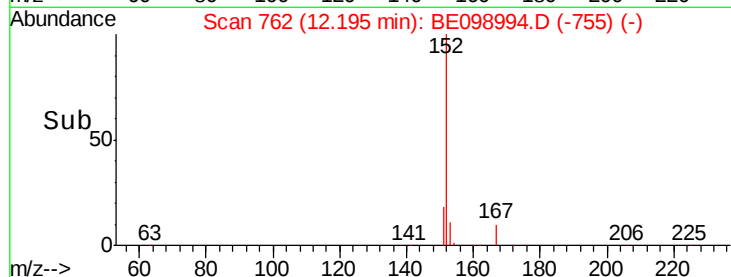
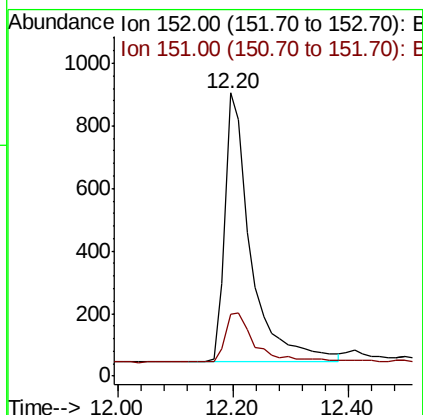
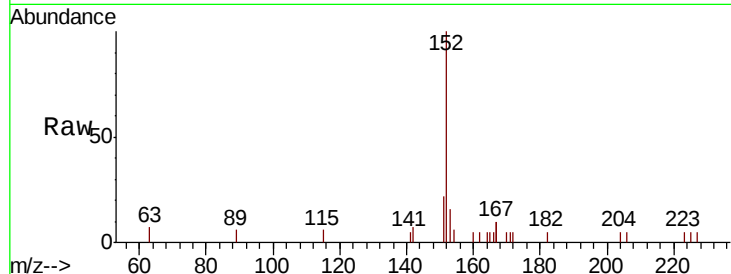




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

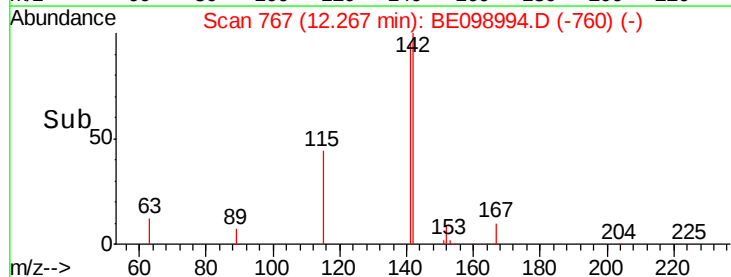
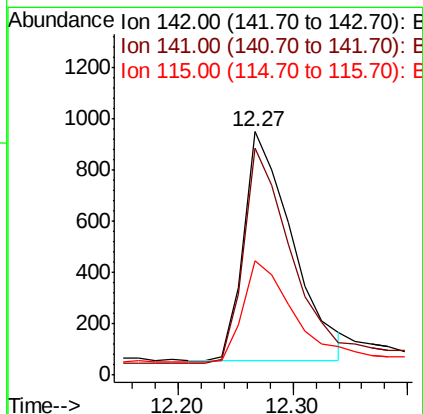
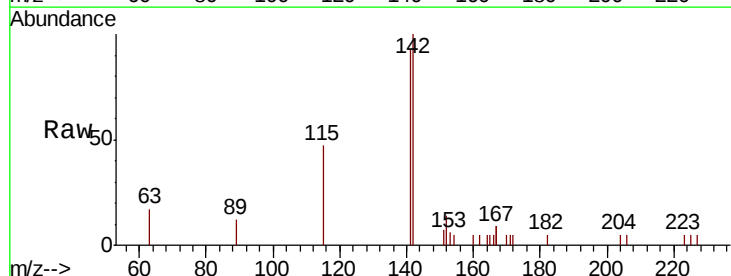
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2694
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:142 Resp: 2609
Ion Ratio Lower Upper
142 100
141 92.9 72.6 108.8
115 46.9 37.4 56.2

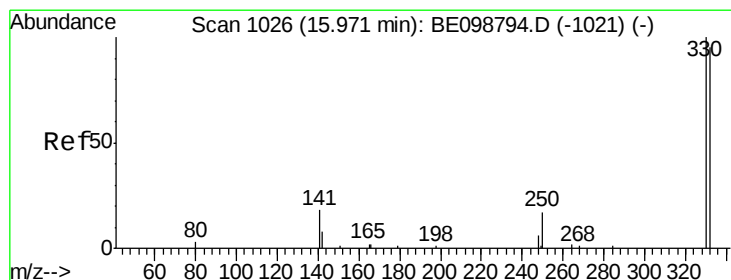
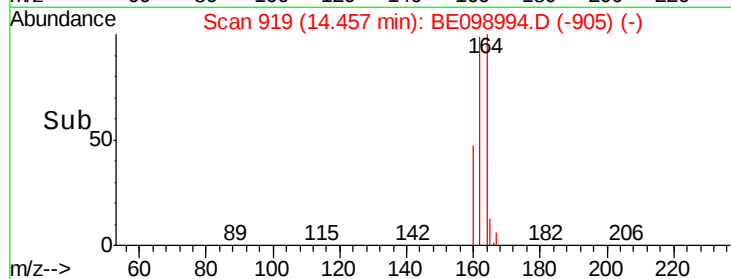
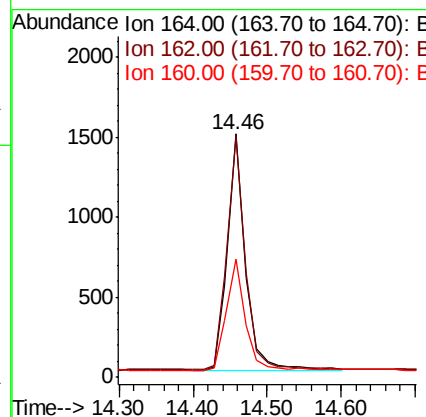
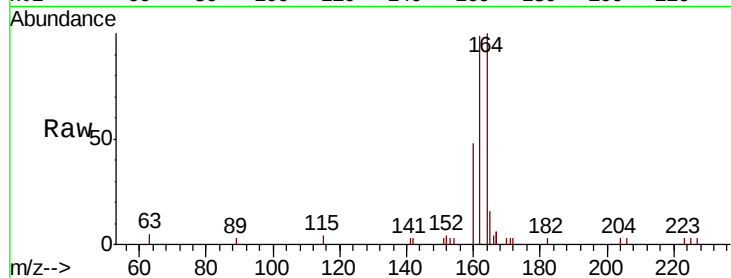




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

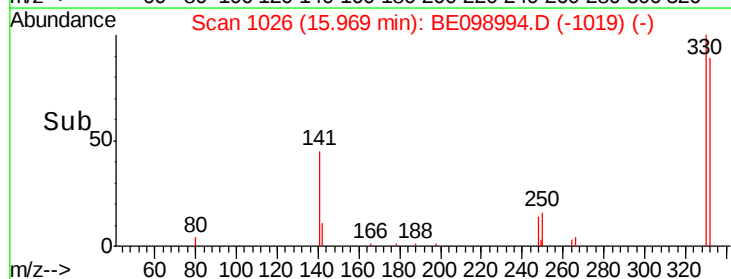
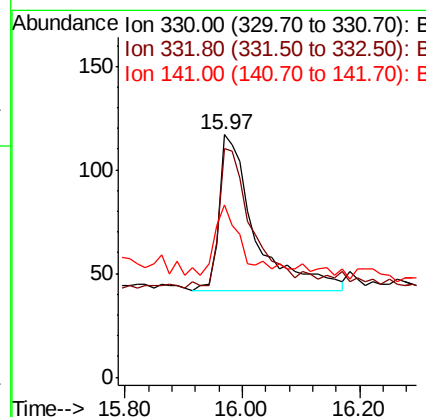
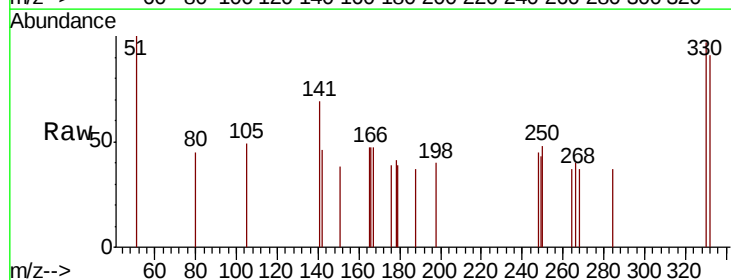
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2483
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 48.3 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:330 Resp: 320
Ion Ratio Lower Upper
330 100
332 87.5 77.6 116.4
141 35.3 31.0 46.4

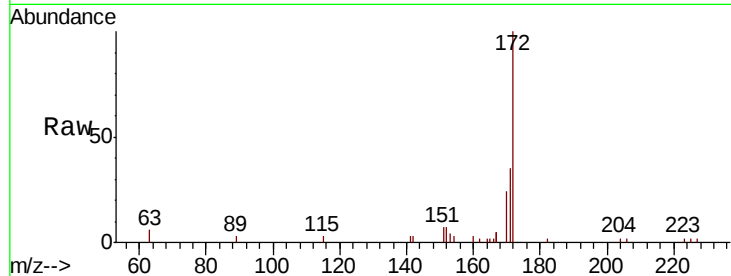




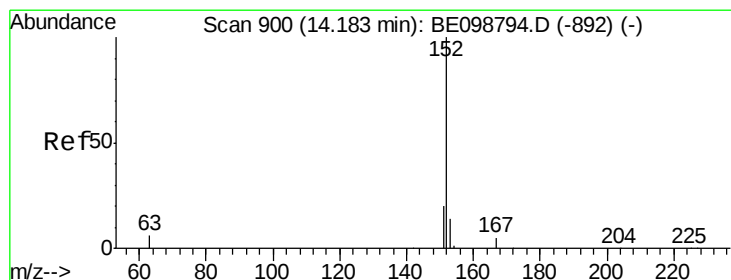
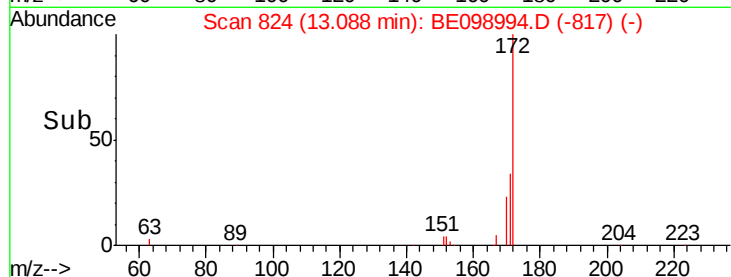
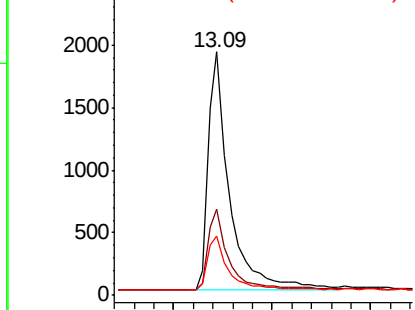
#15
2-Fluorobiphenyl
Concen: 0.552 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5672
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.4 17.7 26.5

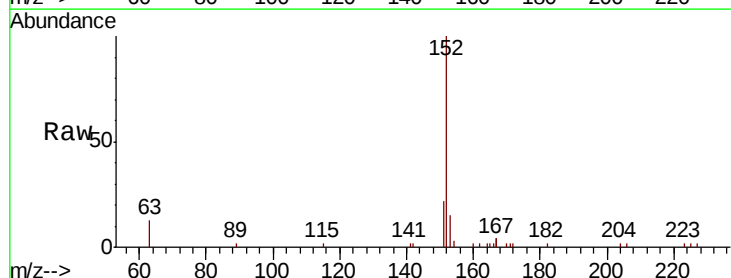


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

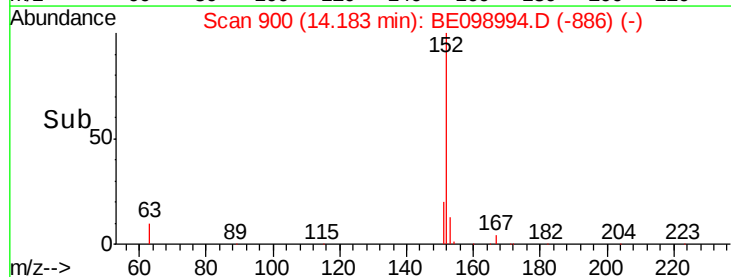
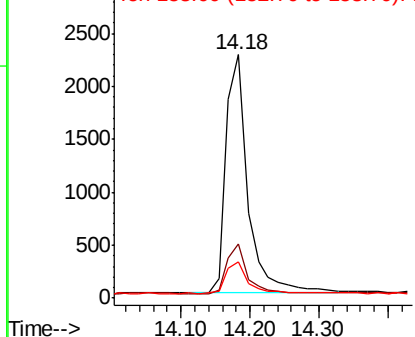


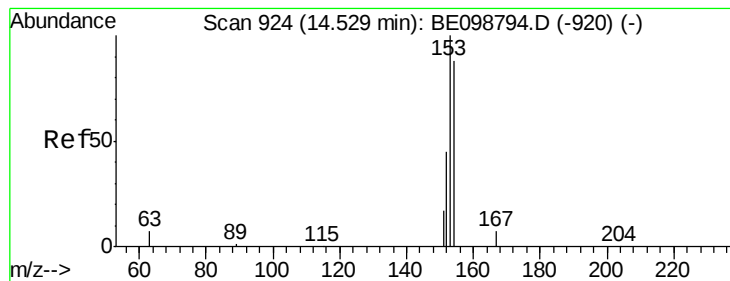
#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:152 Resp: 4992
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.6
153 13.3 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: 0.397 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

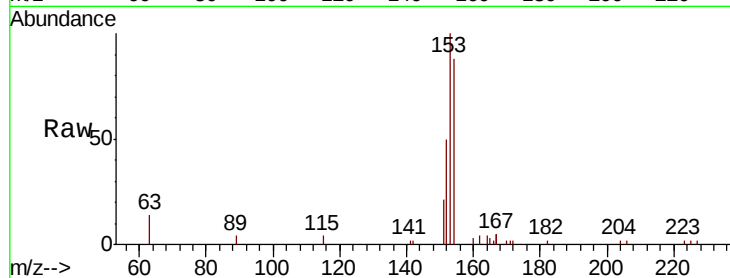
Tgt Ion:154 Resp: 3008

Ion Ratio Lower Upper

154 100

153 114.8 94.2 141.4

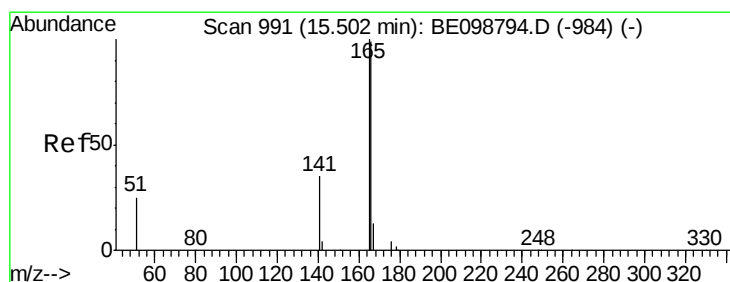
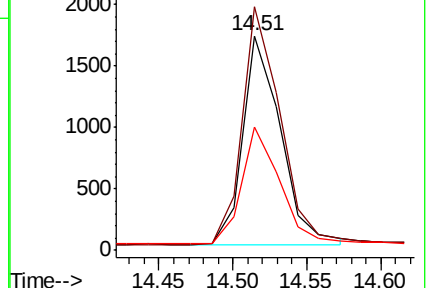
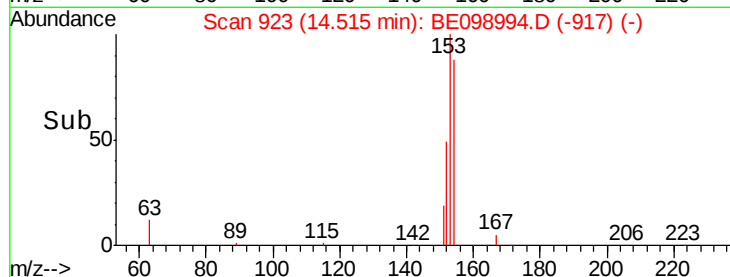
152 55.9 45.0 67.4



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: 0.370 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

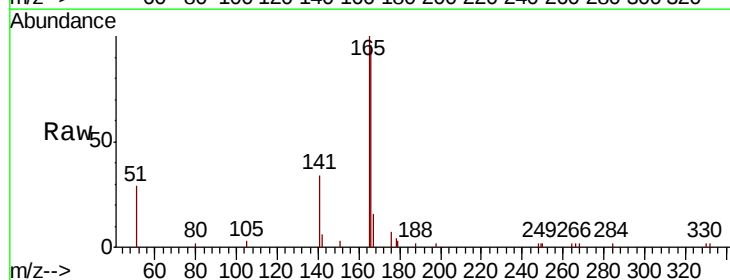
Tgt Ion:166 Resp: 4042

Ion Ratio Lower Upper

166 100

165 100.3 79.3 118.9

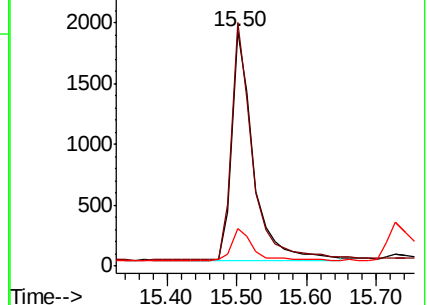
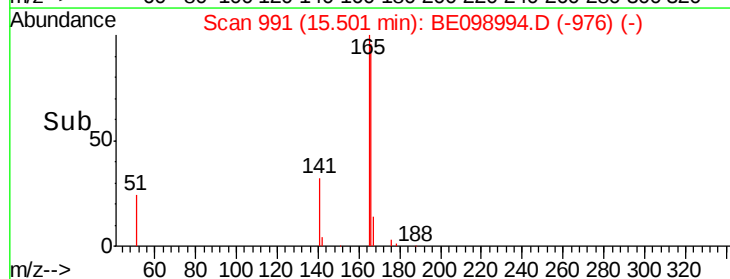
167 13.6 10.5 15.7



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: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

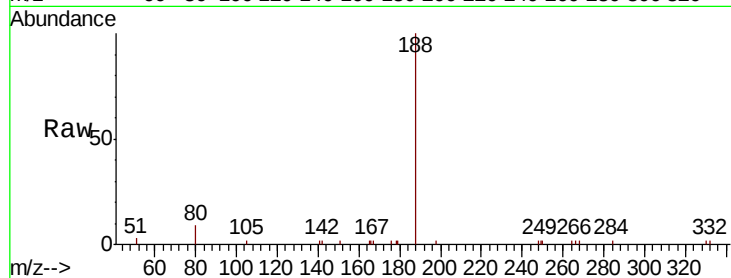
Tgt Ion:188 Resp: 6079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

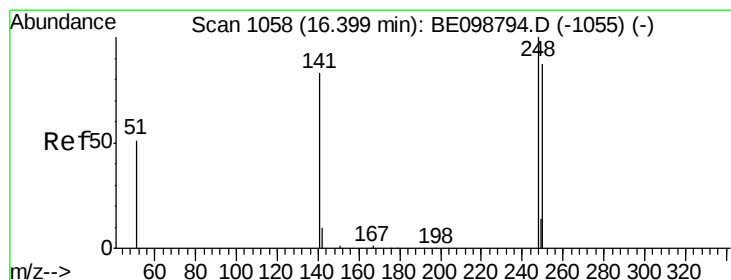
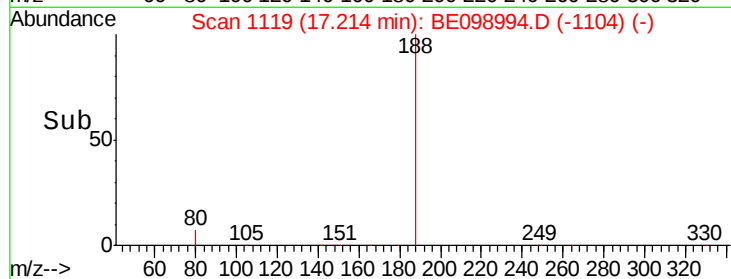
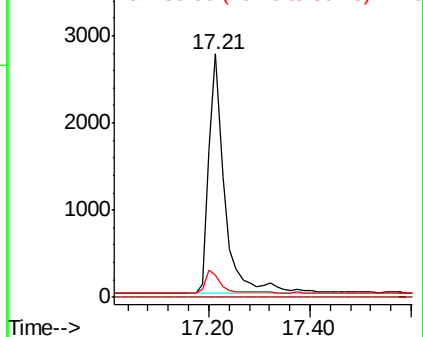
80 9.1 6.3 9.5



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: 0.391 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

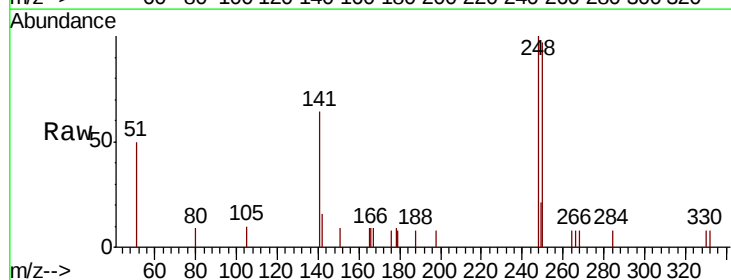
Tgt Ion:248 Resp: 1287

Ion Ratio Lower Upper

248 100

250 97.2 70.6 105.8

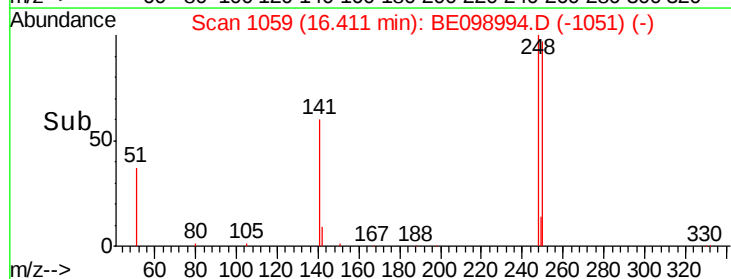
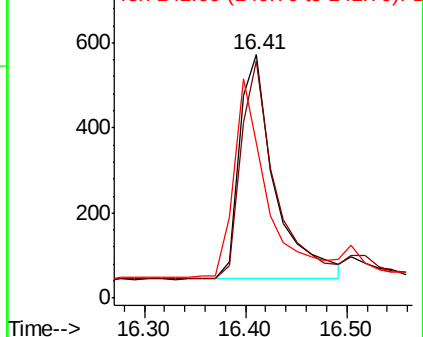
141 63.6 68.6 102.8#



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: 0.402 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

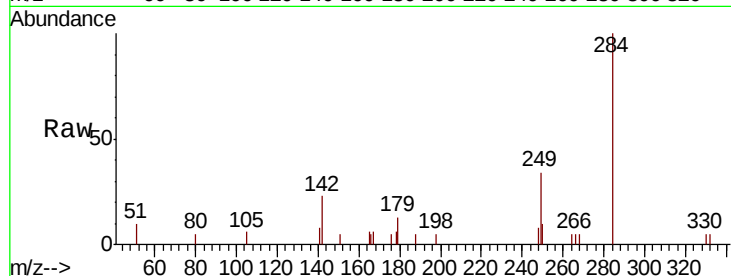
Tgt Ion:284 Resp: 1575

Ion Ratio Lower Upper

284 100

142 34.6 28.7 43.1

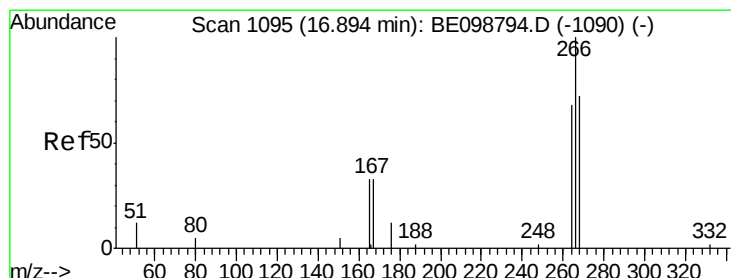
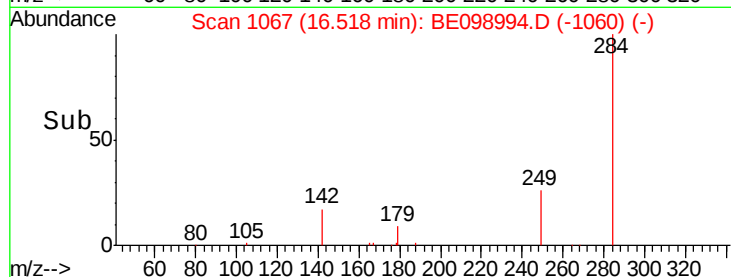
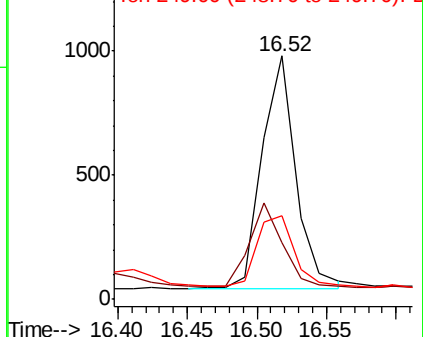
249 32.8 29.6 44.4



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: 0.271 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

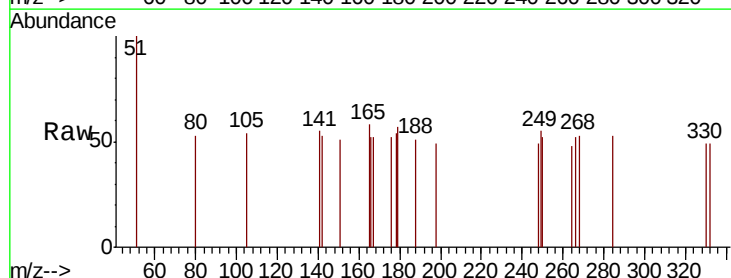
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

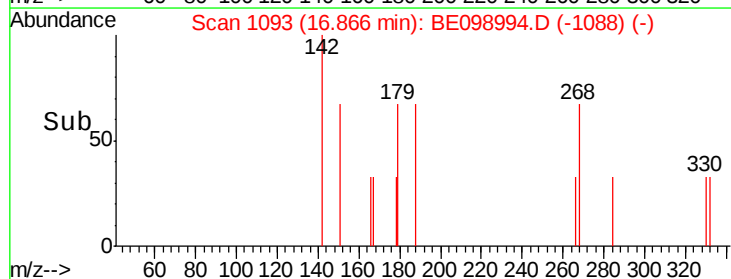
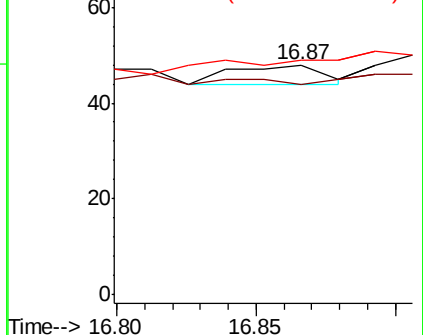
268 102.1 69.8 104.8



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

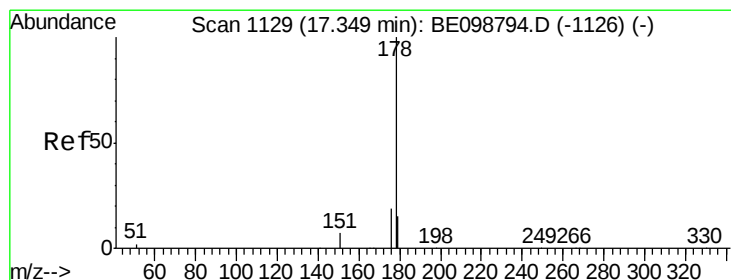
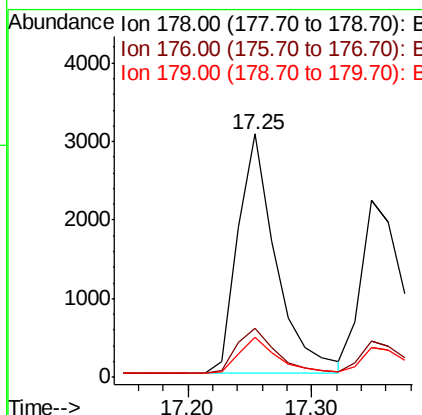
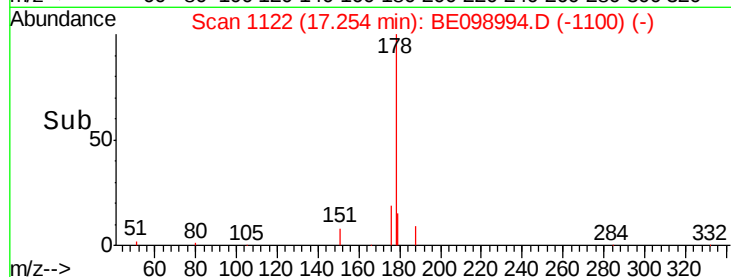
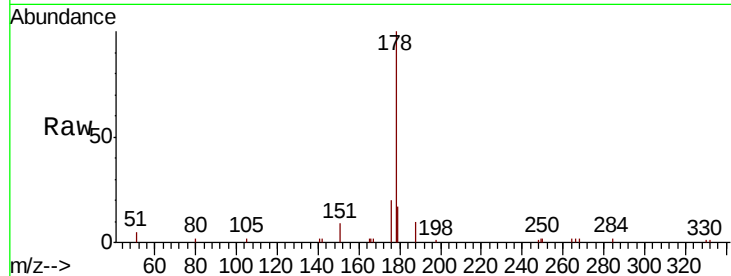




#23
Phenanthrene
Concen: 0.378 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

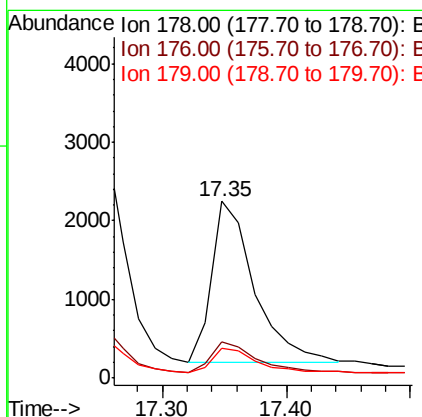
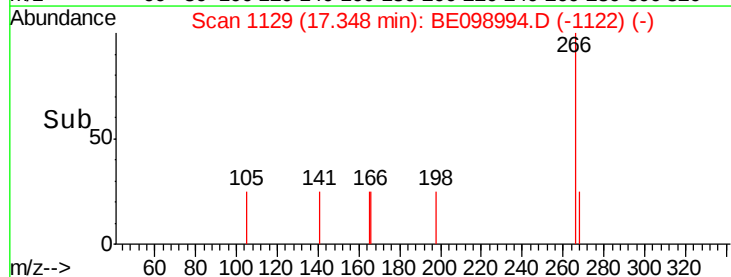
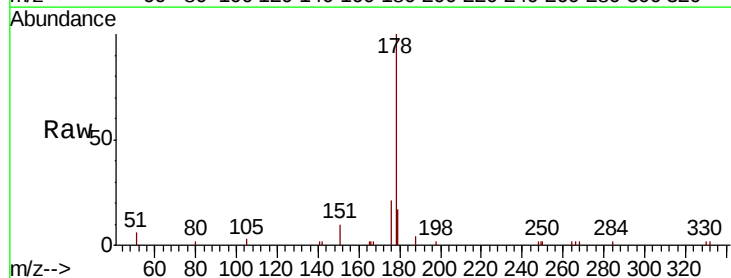
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

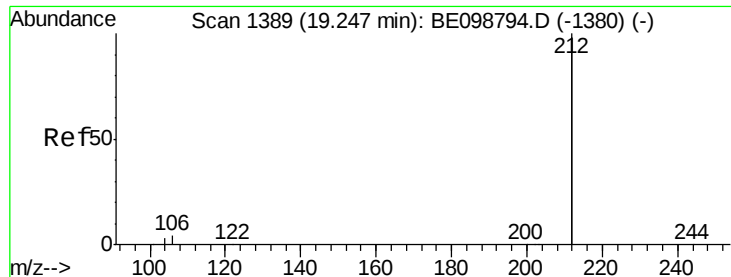
Tgt Ion:178 Resp: 6529
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.3 12.1 18.1



#24
Anthracene
Concen: 0.330 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:178 Resp: 4874
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.0 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.335 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

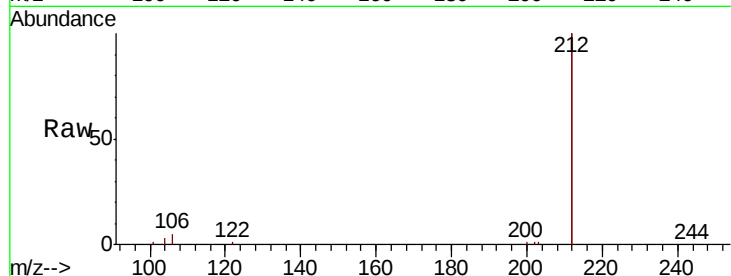
Tgt Ion:212 Resp: 32459

Ion Ratio Lower Upper

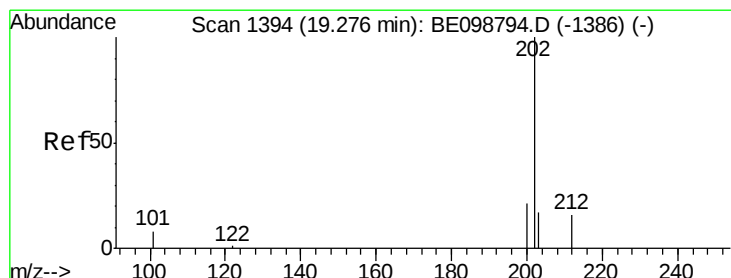
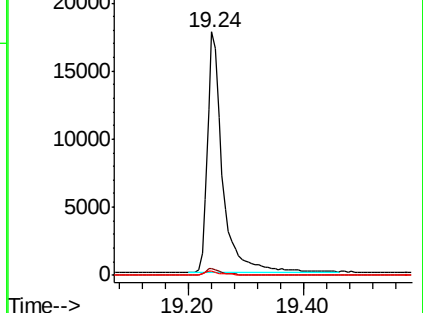
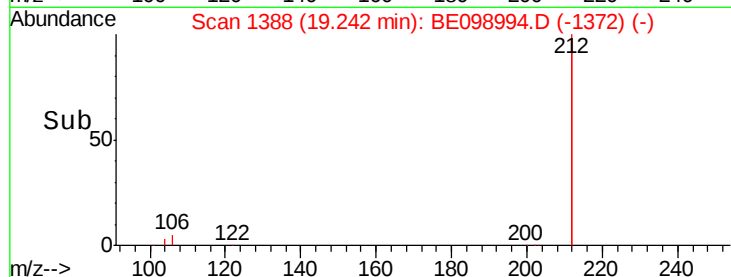
212 100

106 2.4 1.8 2.8

104 1.5 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: 0.351 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

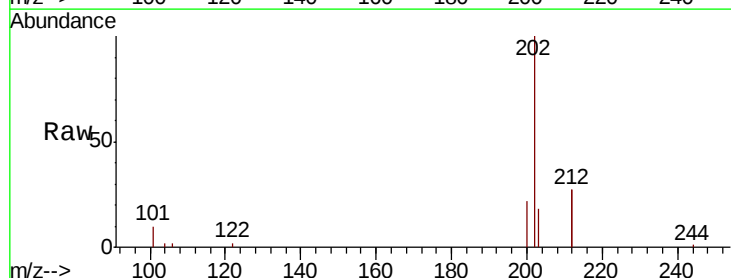
Tgt Ion:202 Resp: 8550

Ion Ratio Lower Upper

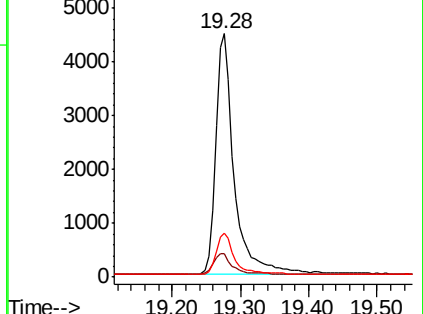
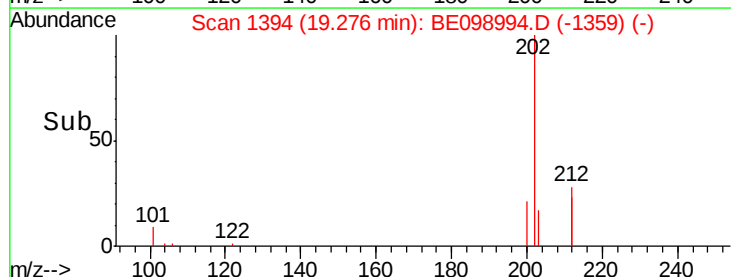
202 100

101 9.1 7.3 10.9

203 17.2 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

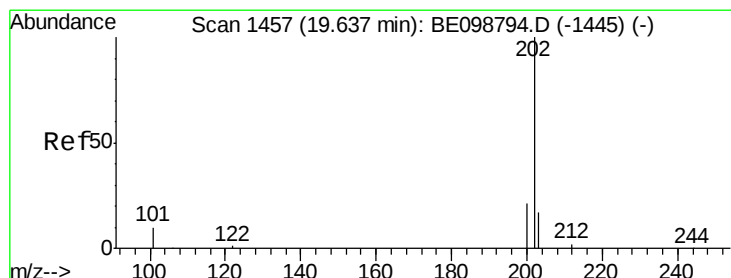
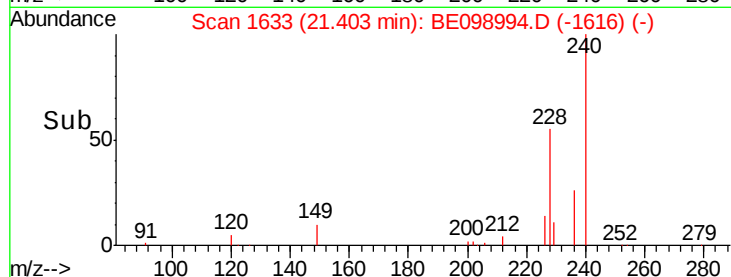
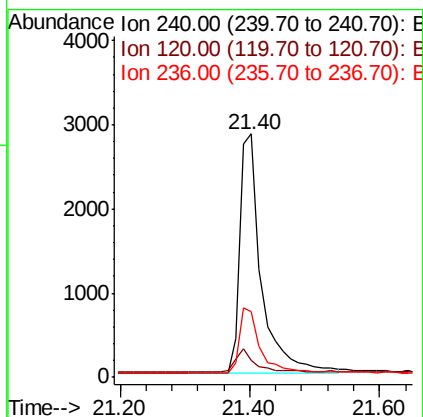
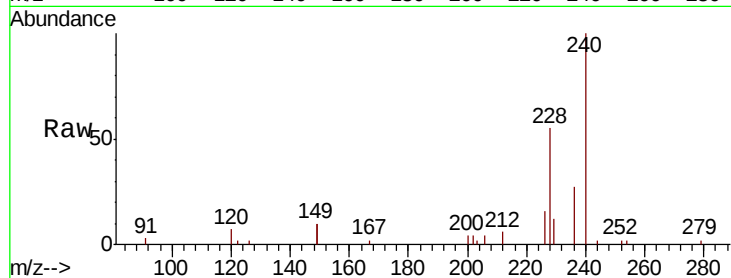




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

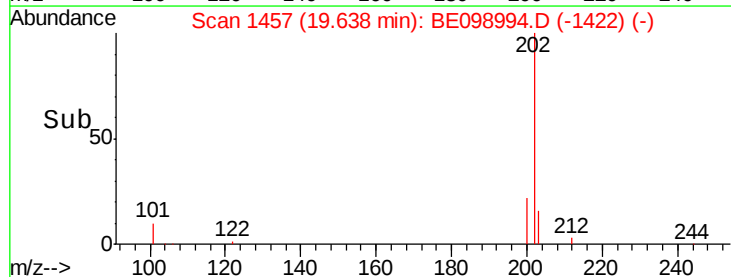
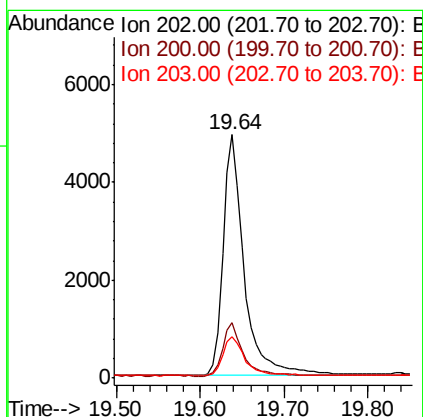
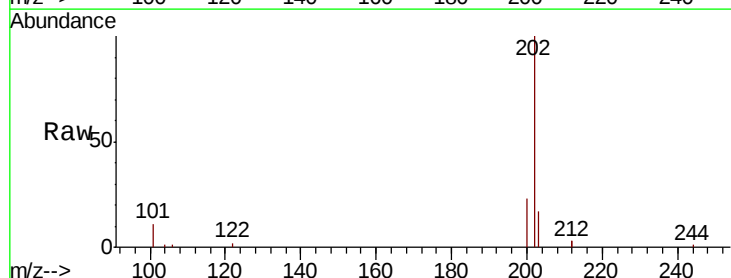
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6625
Ion Ratio Lower Upper
240 100
120 7.2 5.0 7.4
236 27.1 22.7 34.1



#28
Pyrene
Concen: 0.423 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:202 Resp: 8580
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.1 14.2 21.2





#29

Terphenyl-d14

Concen: 1.231 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

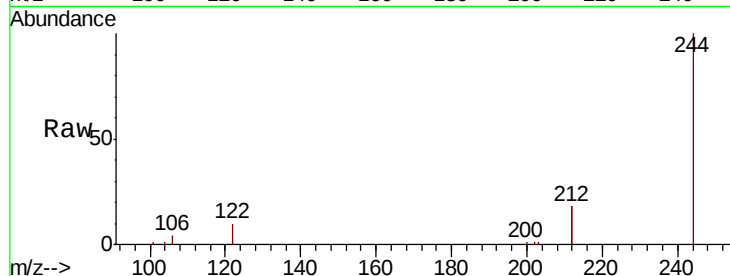
Tgt Ion:244 Resp: 19812

Ion Ratio Lower Upper

244 100

212 35.0 29.4 44.2

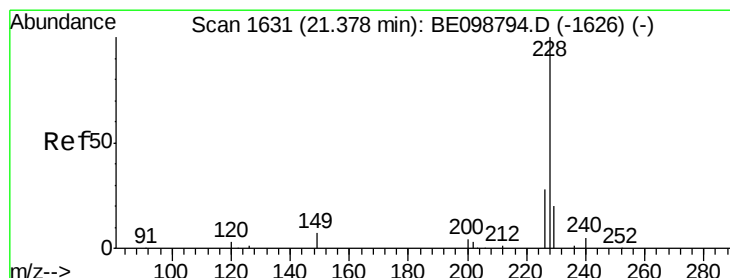
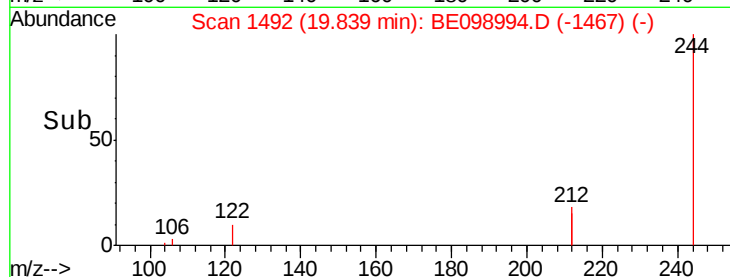
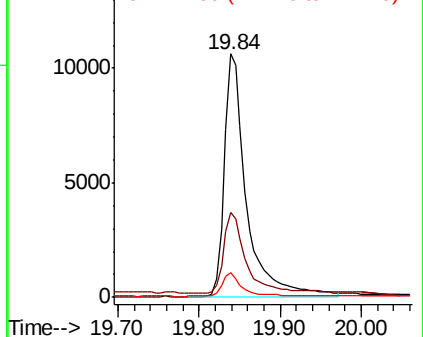
122 10.0 7.1 10.7



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: 0.363 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

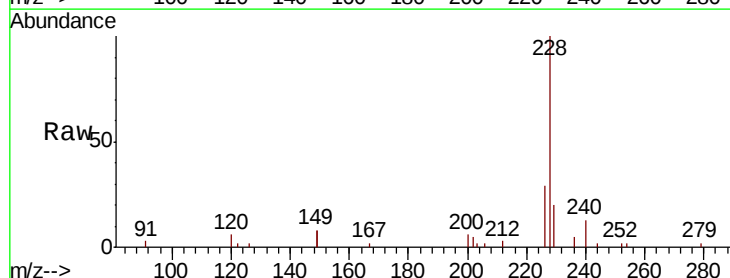
Tgt Ion:228 Resp: 7508

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

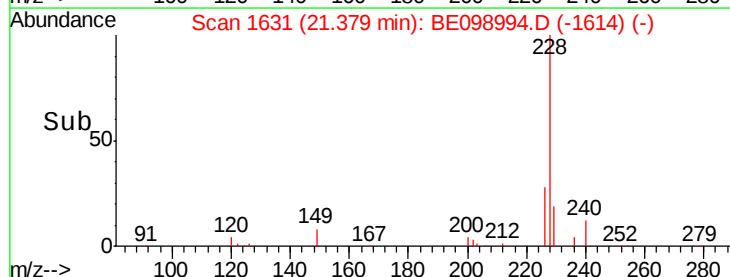
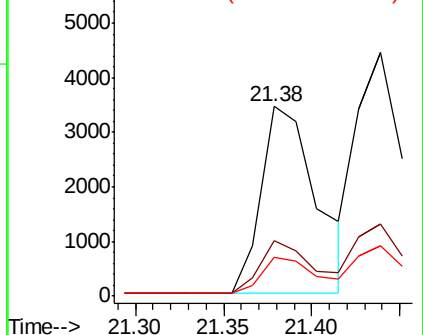
229 20.3 16.5 24.7



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: 0.390 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

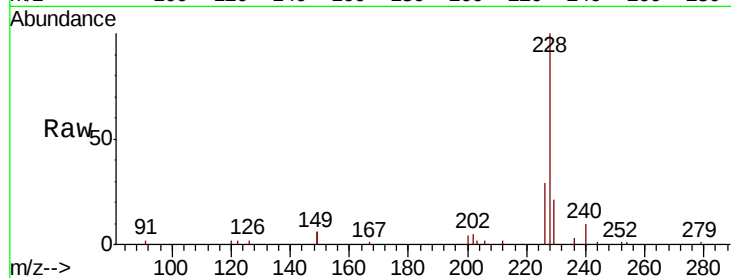
Tgt Ion:228 Resp: 8621

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

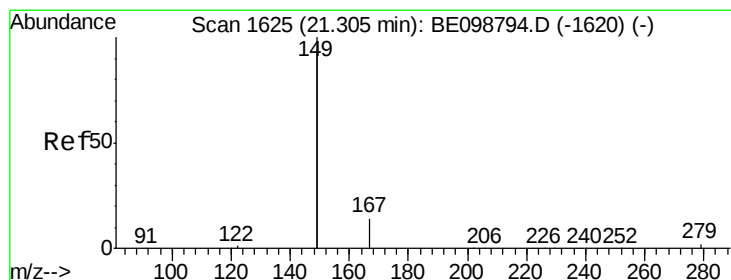
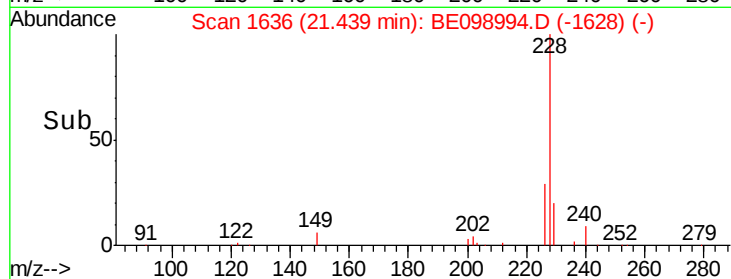
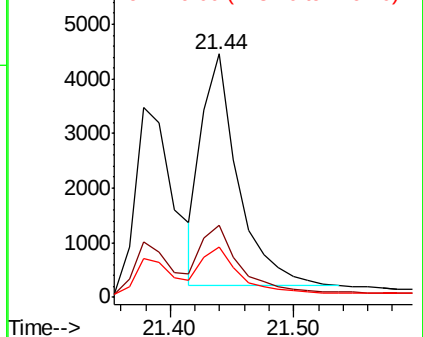
229 20.5 16.1 24.1



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: 0.271 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

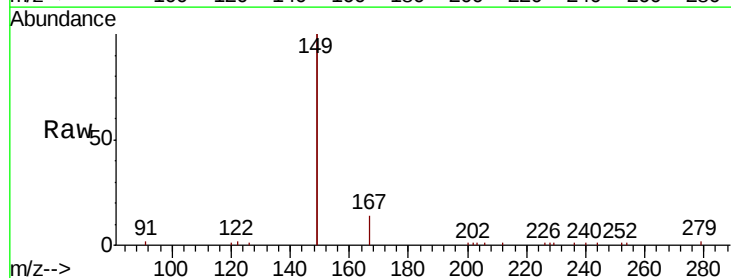
Tgt Ion:149 Resp: 11936

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

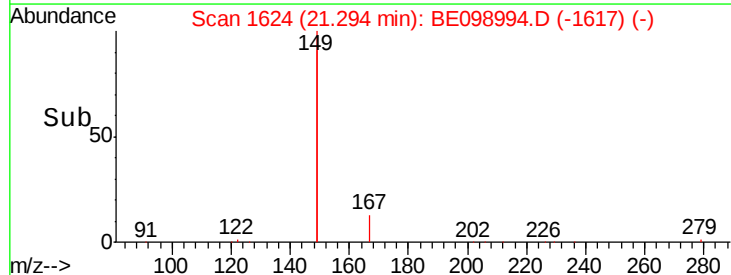
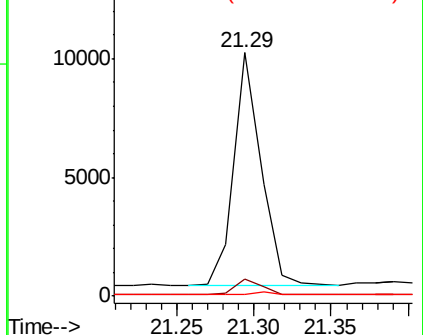
279 1.3 1.0 1.4

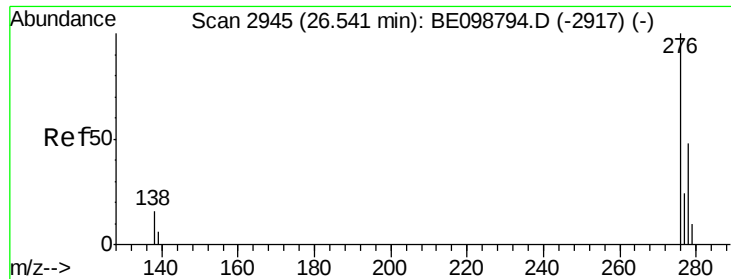


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.293 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

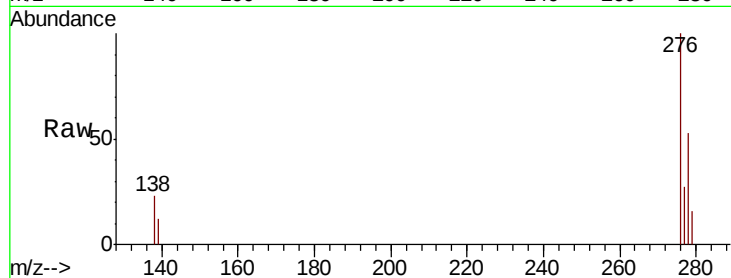
Tgt Ion:276 Resp: 6841

Ion Ratio Lower Upper

276 100

138 7.1 13.8 20.8#

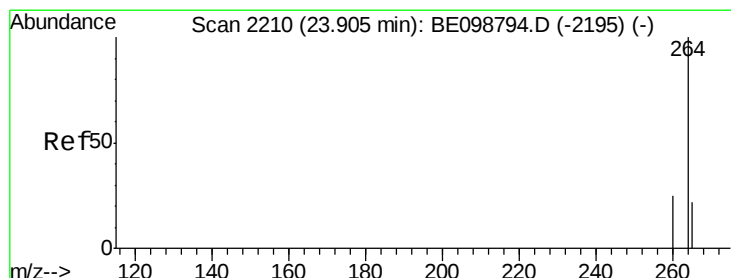
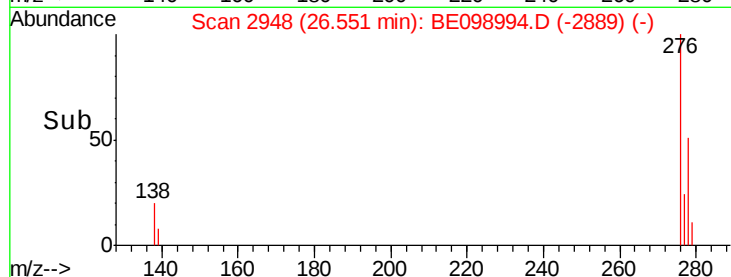
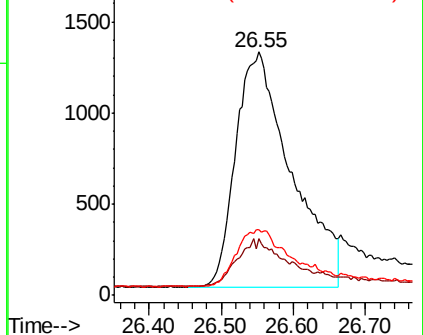
277 24.9 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

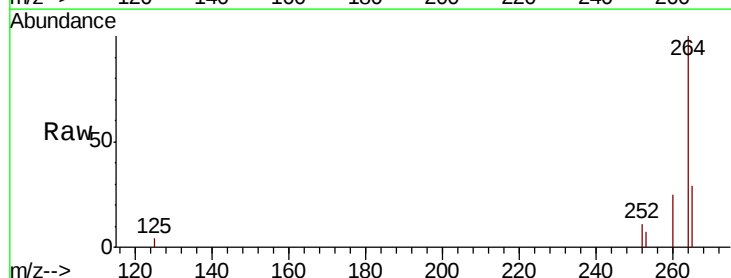
Tgt Ion:264 Resp: 6264

Ion Ratio Lower Upper

264 100

260 24.9 21.2 31.8

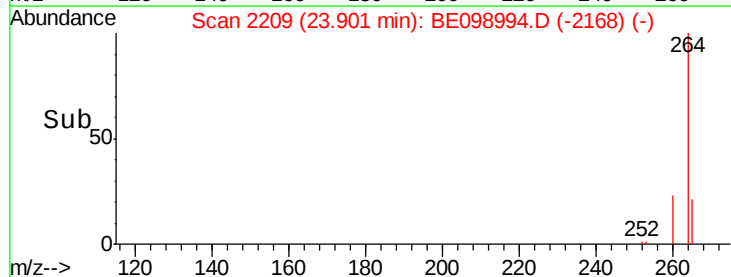
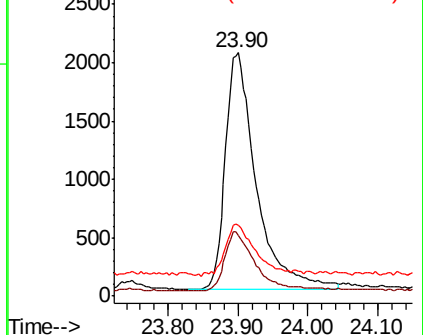
265 29.2 24.6 36.8

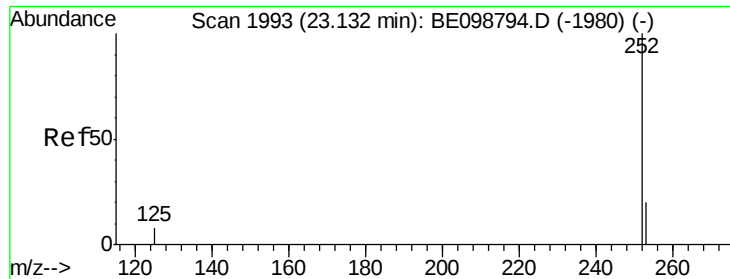


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.433 ng

RT: 23.18 min Scan# 2008

Delta R.T. 0.05 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

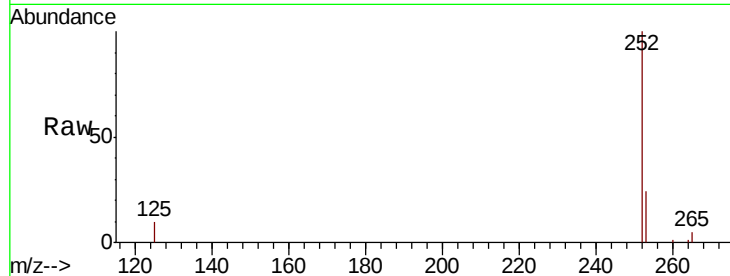
Tgt Ion:252 Resp: 8923

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.2

125 10.1 7.3 10.9

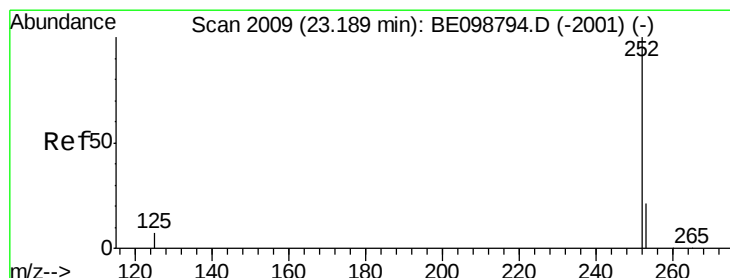
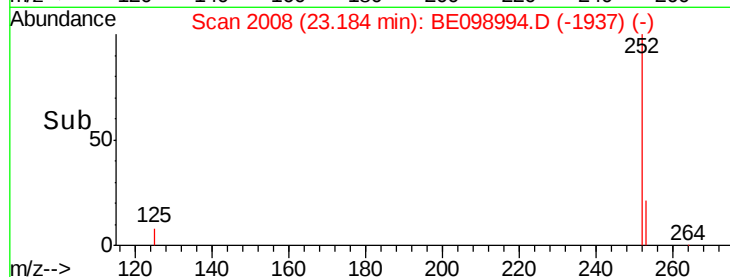
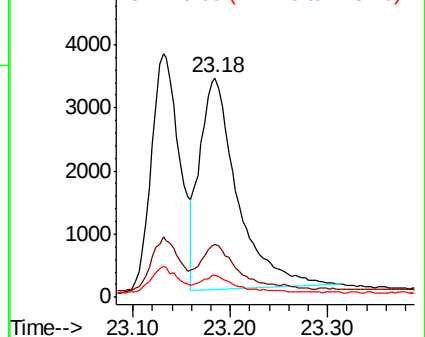


Abundance

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: 0.444 ng

RT: 23.18 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

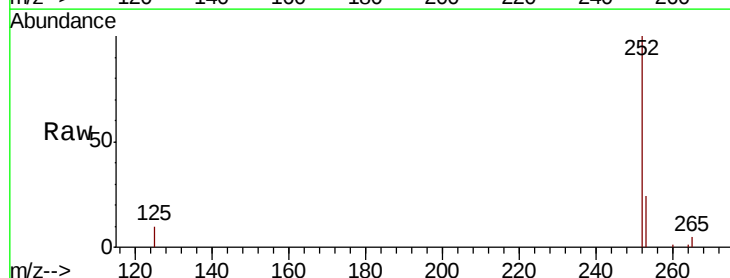
Tgt Ion:252 Resp: 9581

Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

125 10.1 7.5 11.3

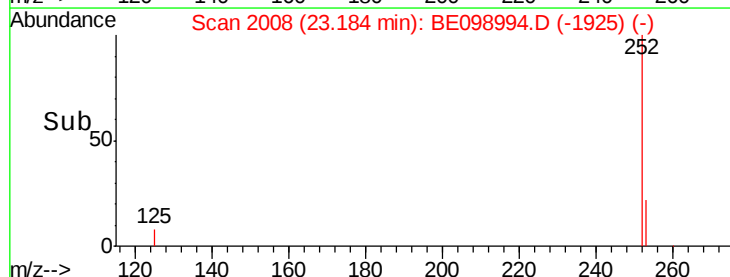
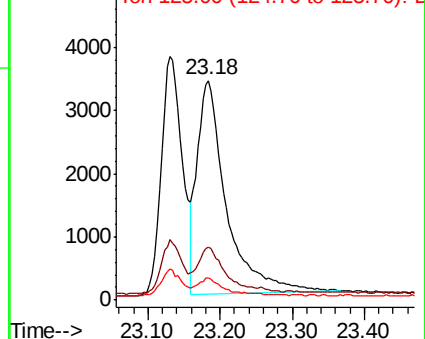


Abundance

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: 0.399 ng

RT: 23.79 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

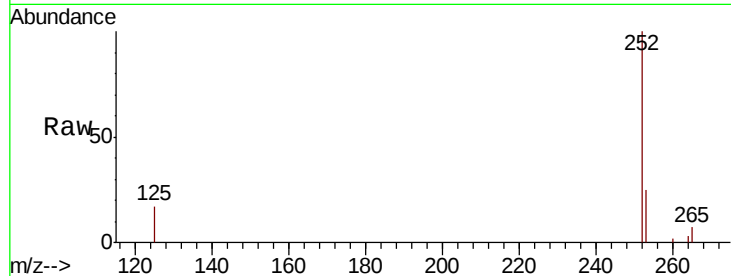
Tgt Ion:252 Resp: 7886

Ion Ratio Lower Upper

252 100

253 25.0 19.9 29.9

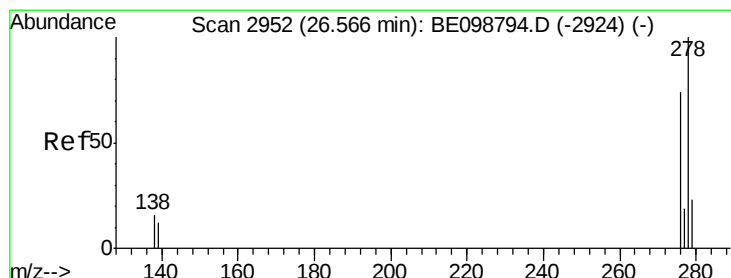
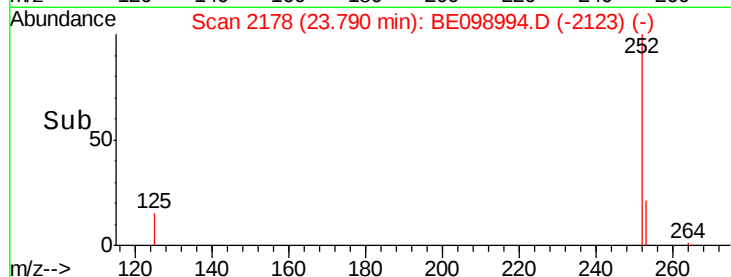
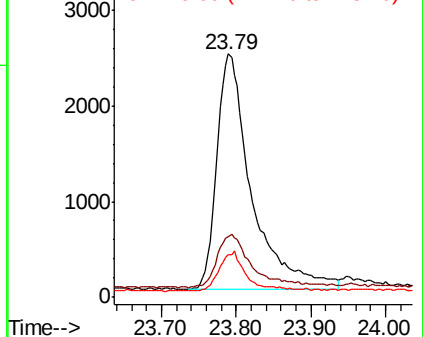
125 17.5 9.0 13.4#



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: 0.291 ng

RT: 26.57 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BE098994.D

Acq: 18 Mar 2019 10:59

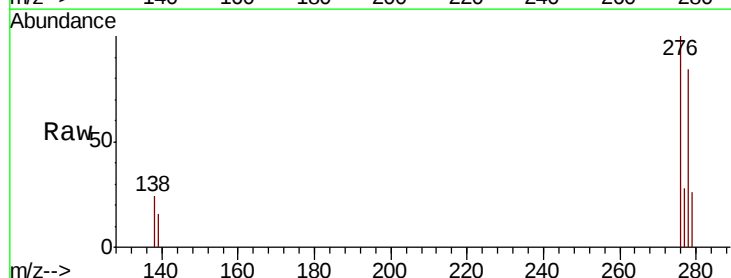
Tgt Ion:278 Resp: 5442

Ion Ratio Lower Upper

278 100

139 18.9 11.8 17.6#

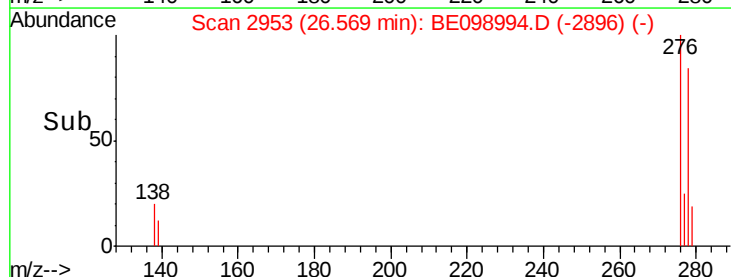
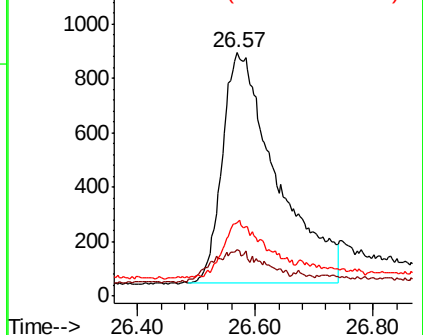
279 30.3 21.1 31.7

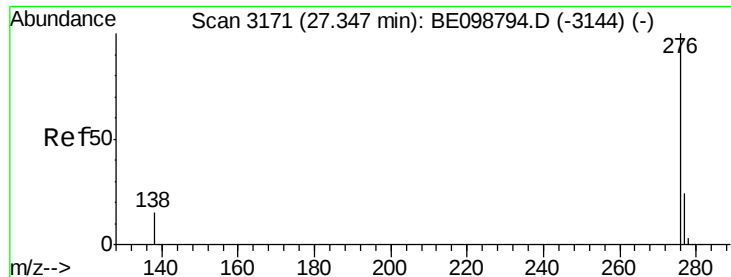


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.323 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098994.D

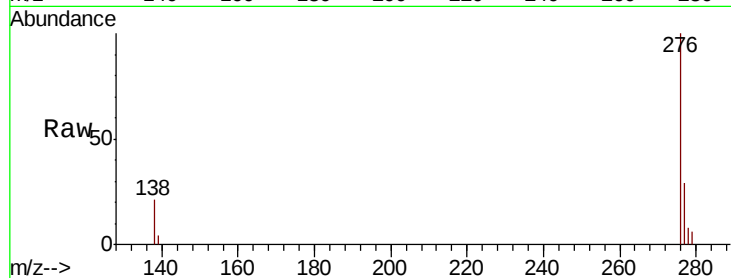
Acq: 18 Mar 2019 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 6313

Ion Ratio Lower Upper

276 100

277 28.7 20.4 30.6

138 20.8 13.6 20.4

