

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098872.D
 Acq On : 11 Mar 2019 21:21
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 12 07:26:49 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	7.79	152	819	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3690	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2479	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6101	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7219	0.40	ng	-0.01
34) Perylene-d12	23.90	264	7208	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	846	0.35	ng	0.01
5) Phenol-d6	6.99	99	1325	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	1384	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2676	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	394	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4048	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	35339	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	6881	0.39	ng	0.00

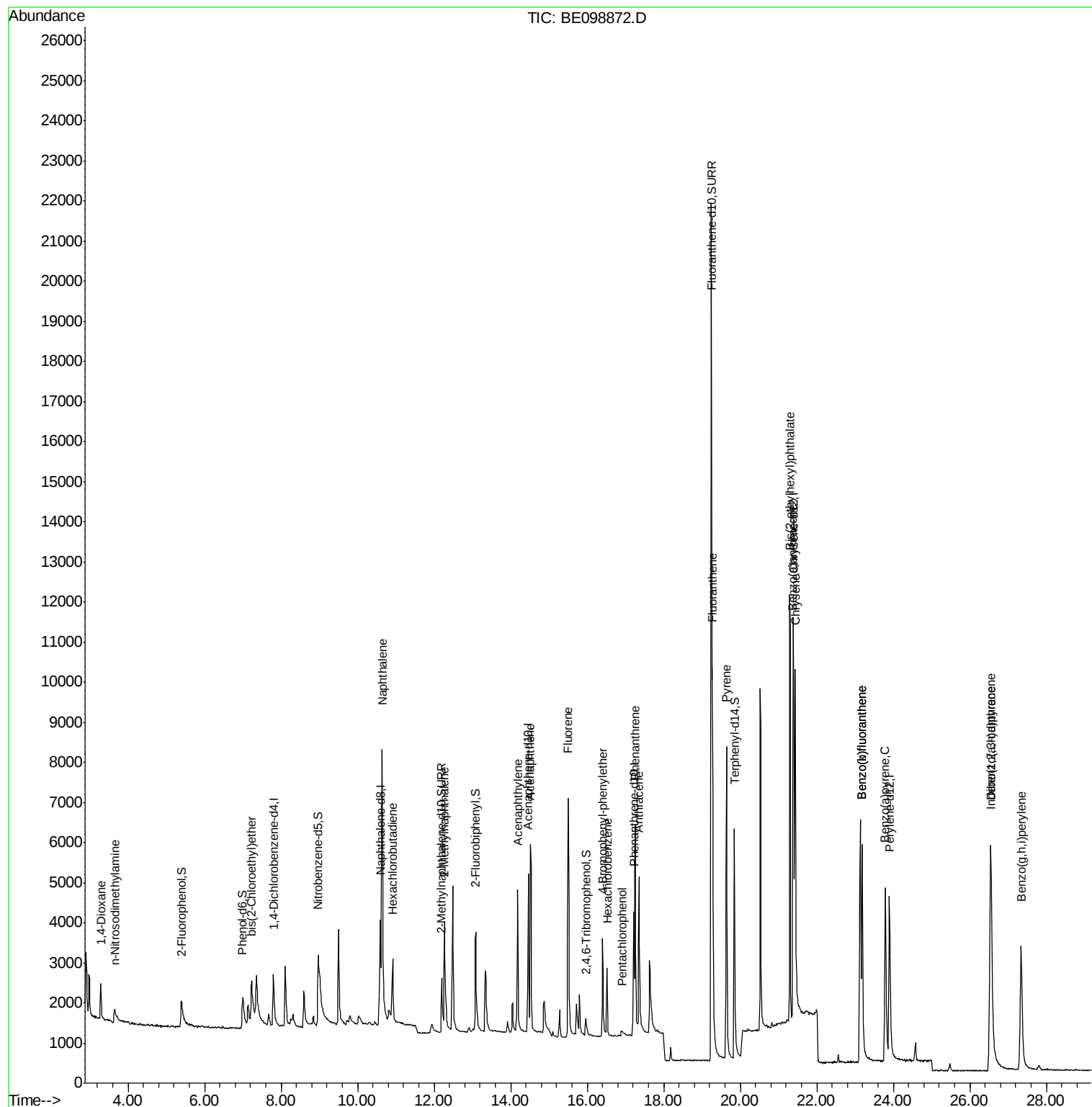
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	610	0.379	ng	98
3) n-Nitrosodimethylamine	3.65	42	520	0.252	ng	# 91
6) bis(2-Chloroethyl)ether	7.23	93	946	0.354	ng	86
9) Naphthalene	10.64	128	16500	0.390	ng	100
10) Hexachlorobutadiene	10.91	225	1054	0.377	ng	98
12) 2-Methylnaphthalene	12.27	142	2652	0.387	ng	96
16) Acenaphthylene	14.18	152	4786	0.375	ng	98
17) Acenaphthene	14.51	154	2812	0.372	ng	98
18) Fluorene	15.50	166	4056	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1234	0.373	ng	94
21) Hexachlorobenzene	16.52	284	1578	0.401	ng	97
22) Pentachlorophenol	16.91	266	191	0.407	ng	# 86
23) Phenanthrene	17.25	178	6758	0.390	ng	100
24) Anthracene	17.35	178	5384	0.363	ng	99
26) Fluoranthene	19.28	202	8899	0.364	ng	100
28) Pyrene	19.64	202	9071	0.411	ng	100
30) Benzo(a)anthracene	21.38	228	8849	0.393	ng	99
31) Chrysene	21.44	228	9220	0.383	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	15005	0.313	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	10290	0.404	ng	97
35) Benzo(b)fluoranthene	23.18	252	9607	0.405	ng	98
36) Benzo(k)fluoranthene	23.18	252	9906	0.399	ng	100
37) Benzo(a)pyrene	23.79	252	8667	0.381	ng	# 97
38) Dibenzo(a,h)anthracene	26.56	278	8206	0.382	ng	# 97
39) Benzo(g,h,i)perylene	27.34	276	8537	0.380	ng	99

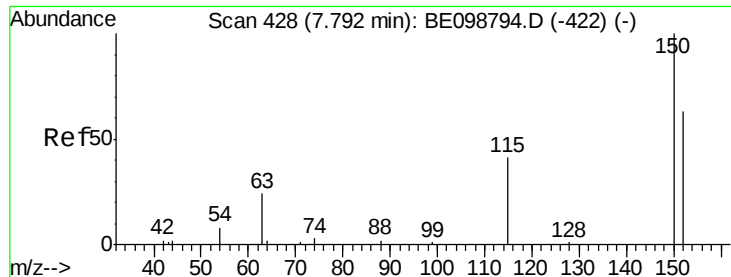
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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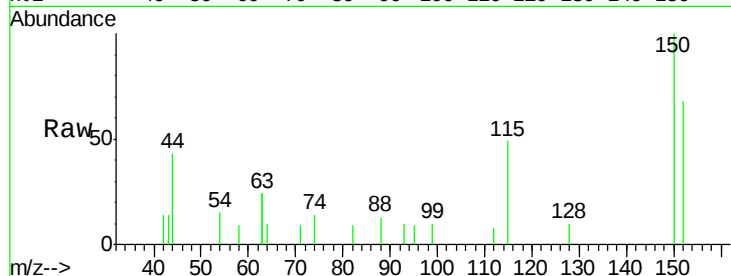


#1

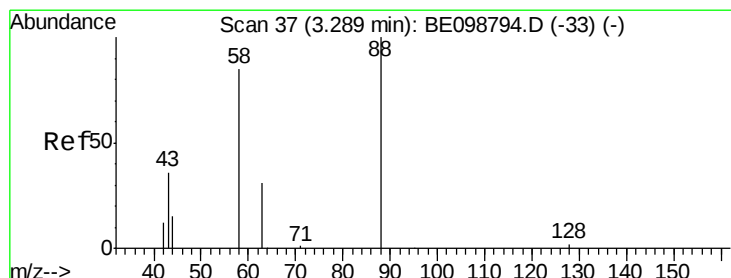
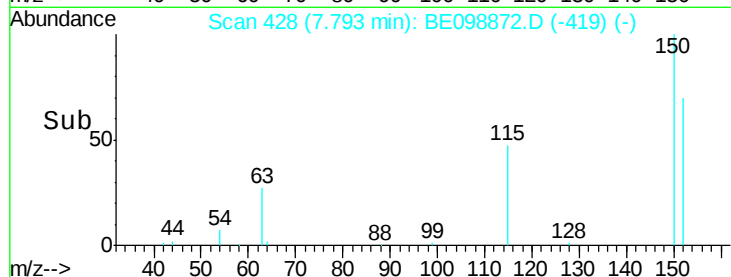
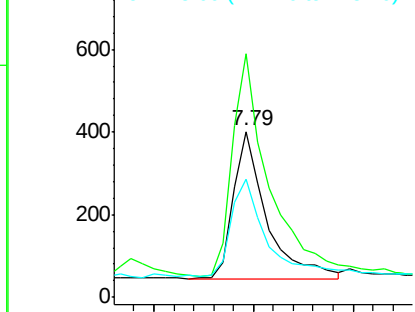
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 819
Ion Ratio Lower Upper
152 100
150 146.9 122.5 183.7
115 71.3 57.4 86.2



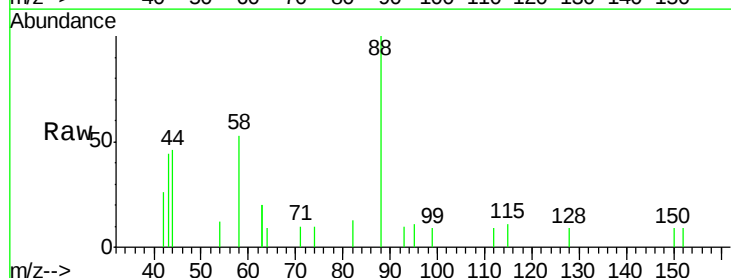
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



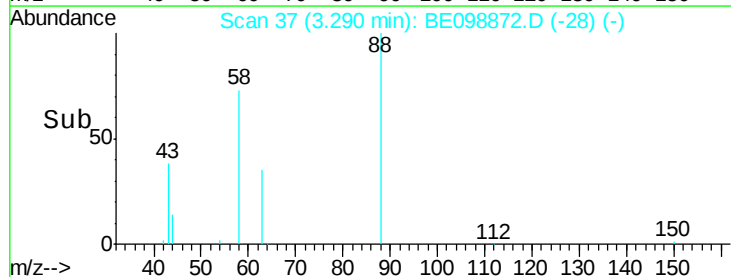
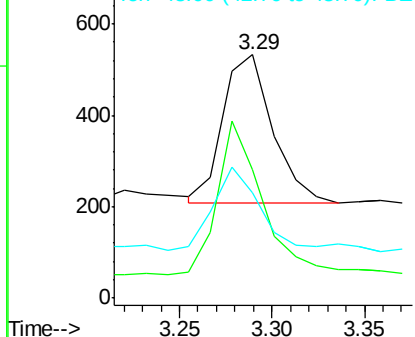
#2

1,4-Dioxane
Concen: 0.379 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
58 93.9 75.8 113.6
43 55.6 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



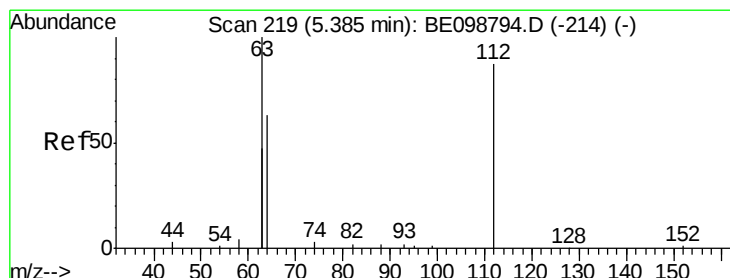
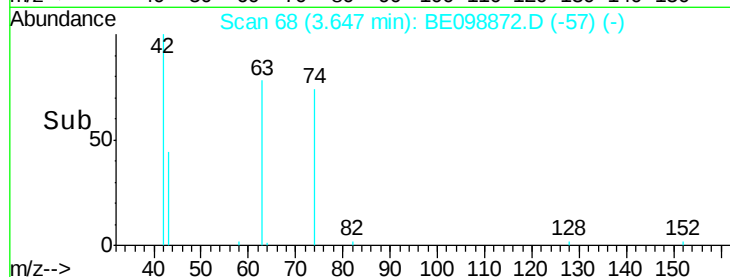
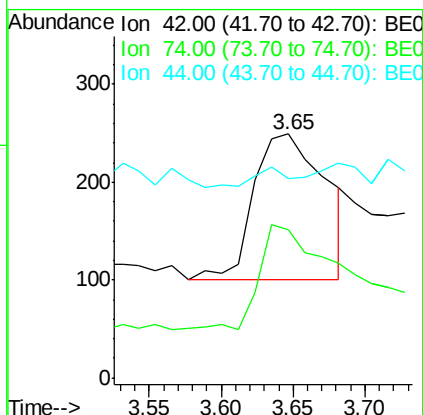
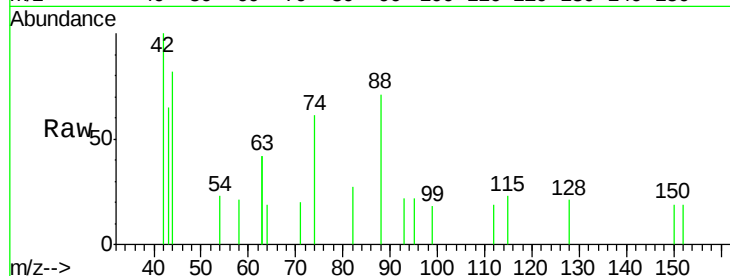


#3

n-Nitrosodimethylamine
 Concen: 0.252 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

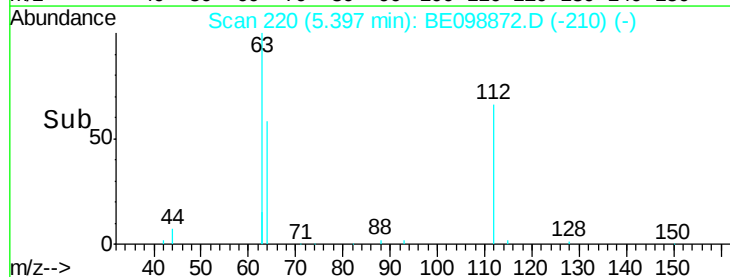
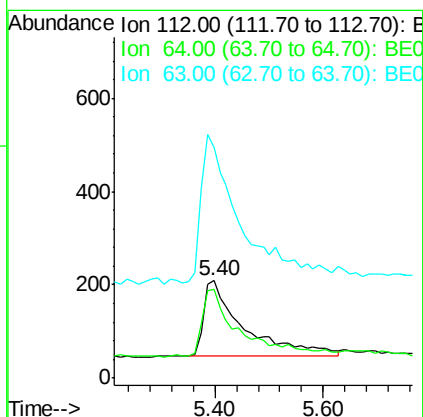
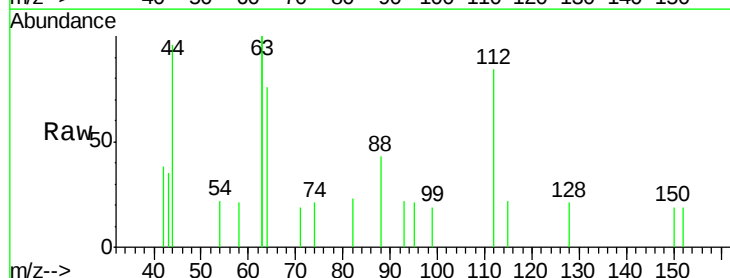
Tgt Ion: 42 Resp: 520
 Ion Ratio Lower Upper
 42 100
 74 63.7 57.0 85.4
 44 6.3 0.0 0.0#



#4

2-Fluorophenol
 Concen: 0.346 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

Tgt Ion: 112 Resp: 846
 Ion Ratio Lower Upper
 112 100
 64 83.5 57.9 86.9
 63 195.7 158.3 237.5





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

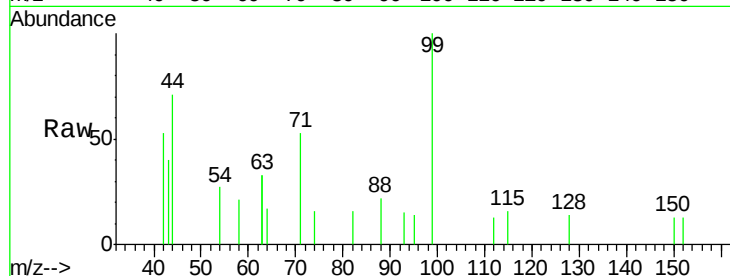
Tgt Ion: 99 Resp: 1325

Ion Ratio Lower Upper

99 100

42 35.7 24.2 36.2

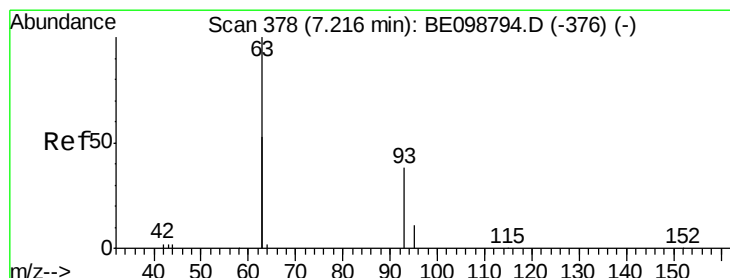
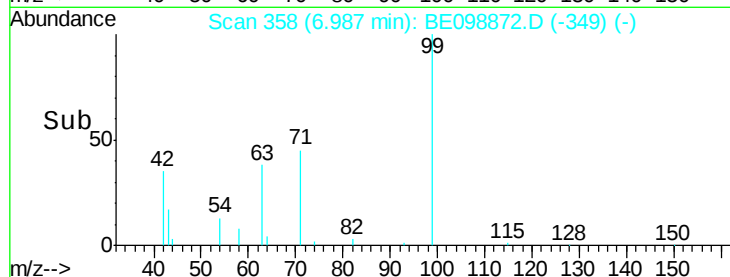
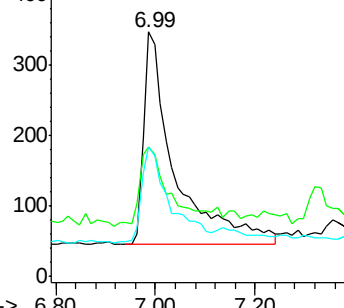
71 41.7 35.7 53.5



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: 0.354 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

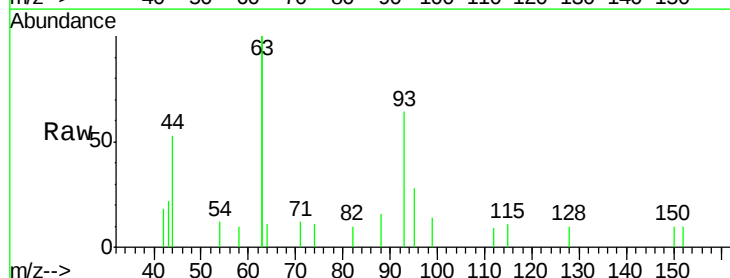
Tgt Ion: 93 Resp: 946

Ion Ratio Lower Upper

93 100

63 280.2 247.5 371.3

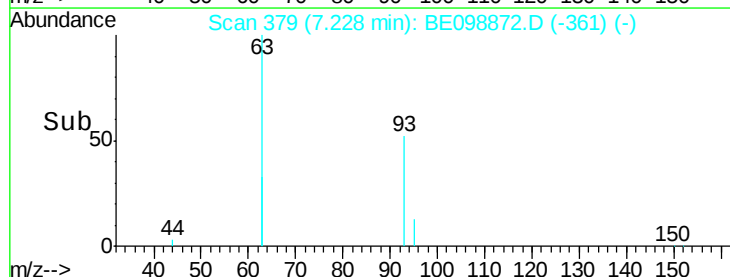
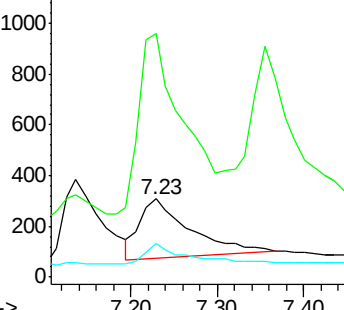
95 29.8 21.8 32.8



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: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

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SSTDCCC0.4EC

Tgt Ion:136 Resp: 3690

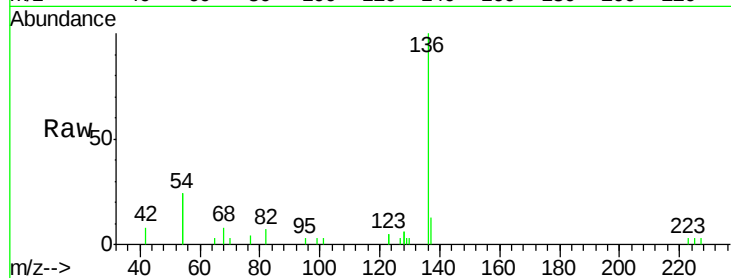
Ion Ratio Lower Upper

136 100

137 13.2 11.4 17.0

54 48.6 39.3 58.9

68 7.5 6.7 10.1

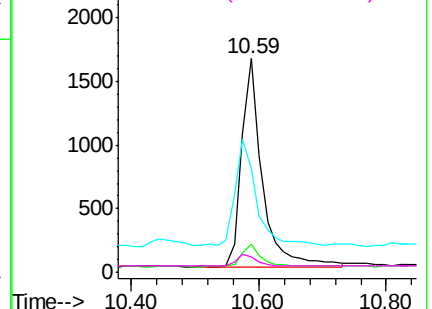
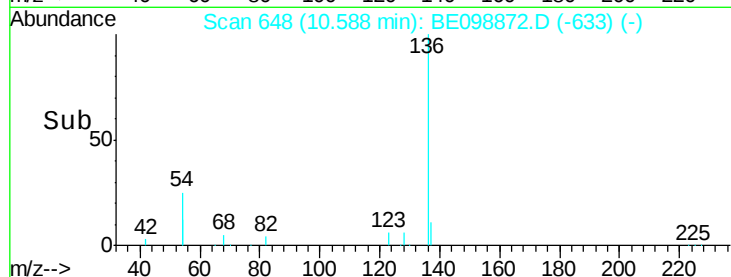


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

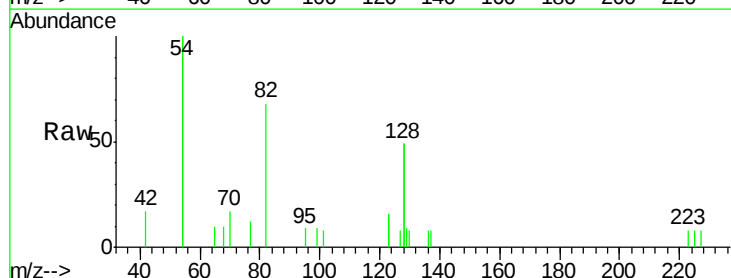
Tgt Ion: 82 Resp: 1384

Ion Ratio Lower Upper

82 100

128 143.9 123.8 185.8

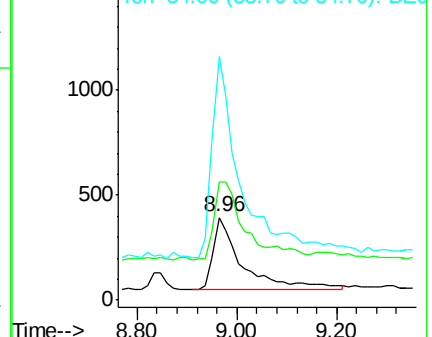
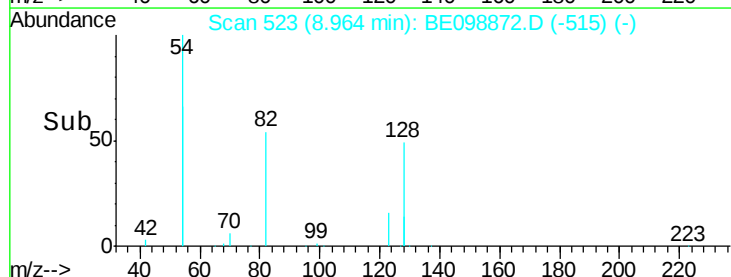
54 295.9 203.4 305.2

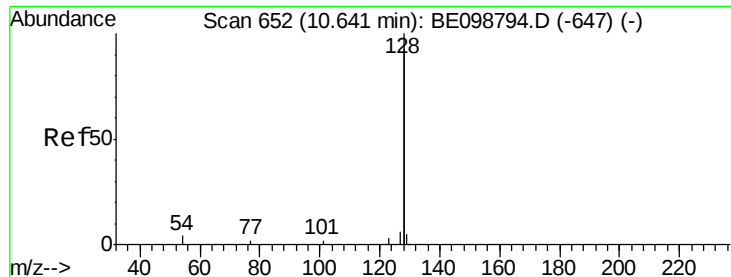


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

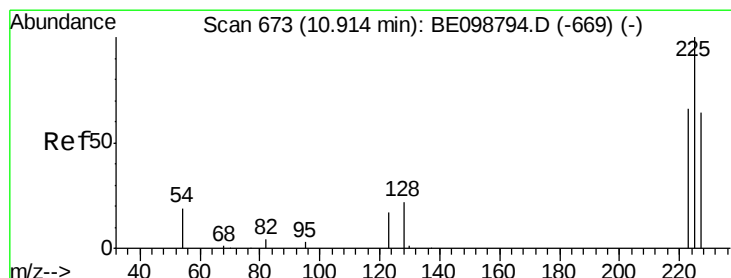
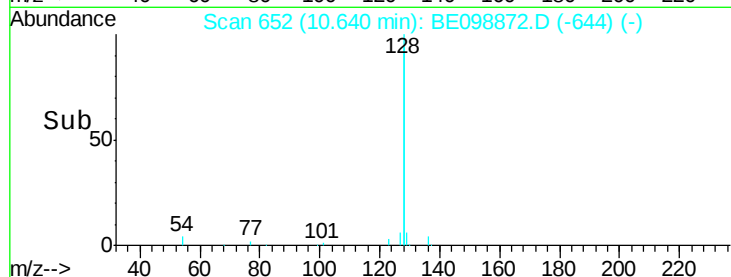
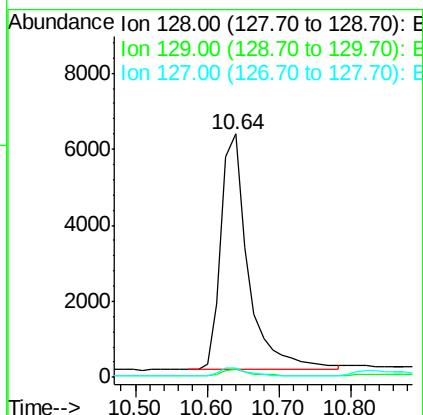
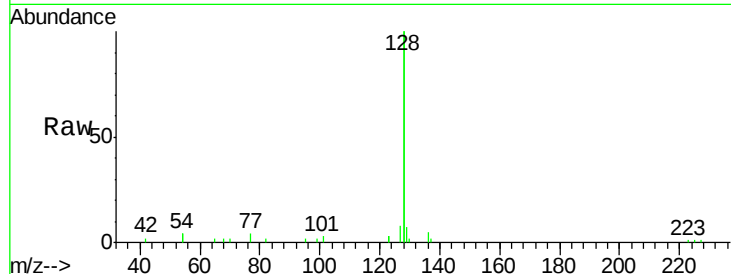




#9
Naphthalene
Concen: 0.390 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

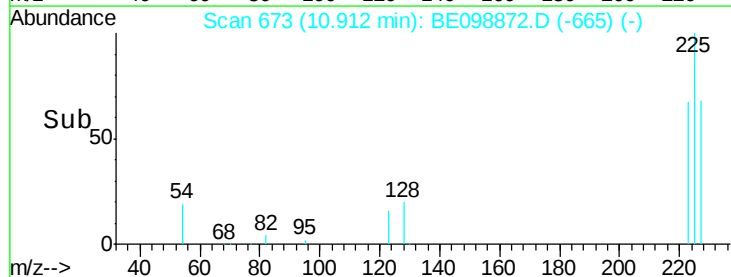
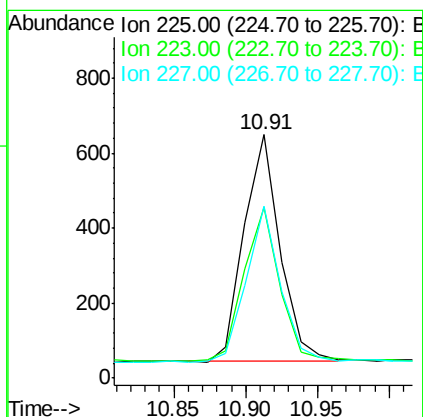
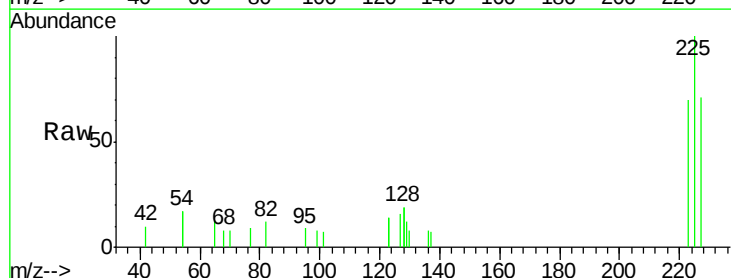
Instrument :
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Tgt Ion:128 Resp: 16500
Ion Ratio Lower Upper
128 100
129 3.5 2.6 4.0
127 3.8 3.1 4.7



#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

Tgt Ion:225 Resp: 1054
Ion Ratio Lower Upper
225 100
223 66.2 51.1 76.7
227 64.9 51.6 77.4





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

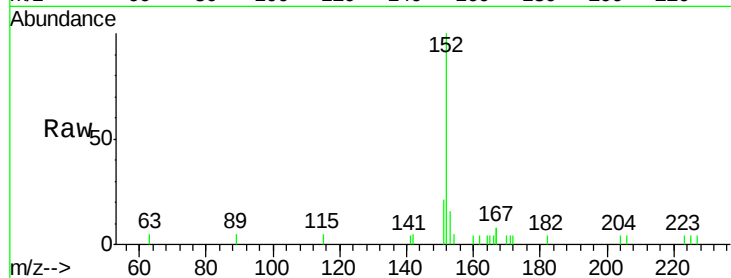
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2676

Ion Ratio Lower Upper

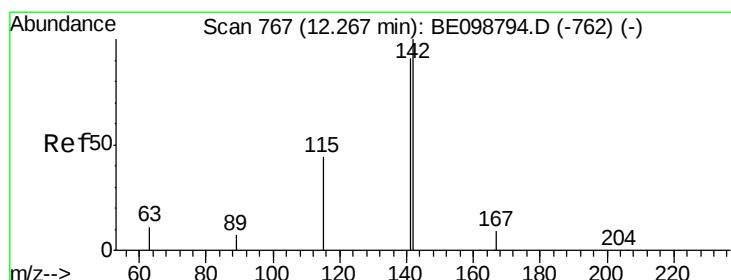
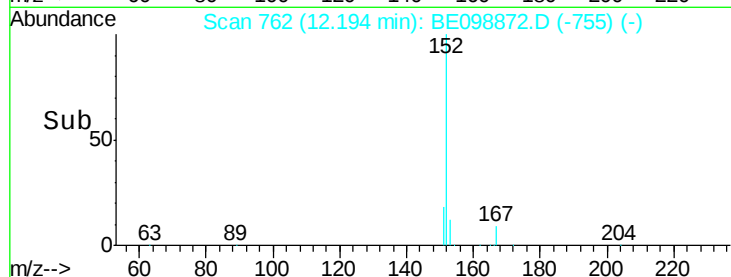
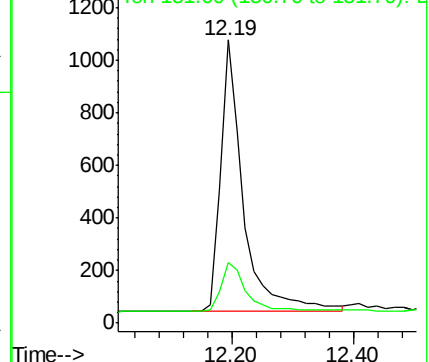
152 100

151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.387 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

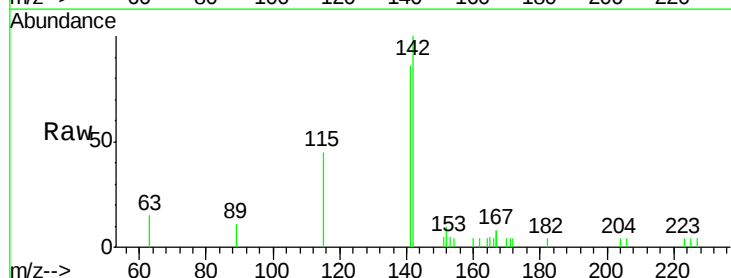
Tgt Ion:142 Resp: 2652

Ion Ratio Lower Upper

142 100

141 86.3 72.6 108.8

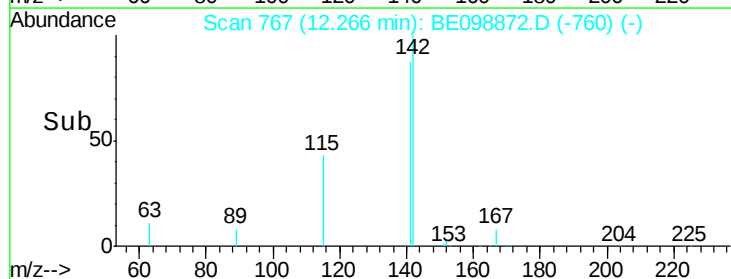
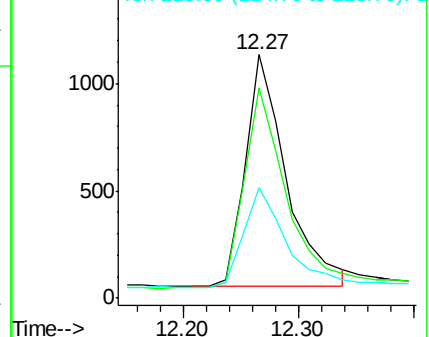
115 45.4 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

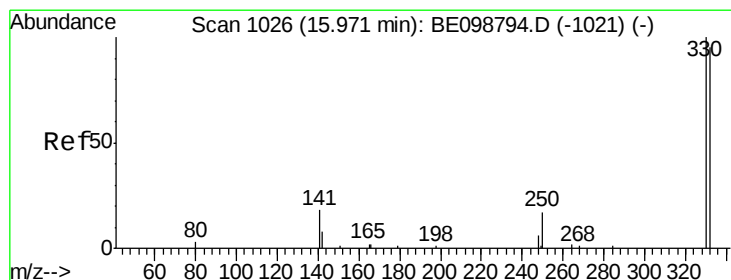
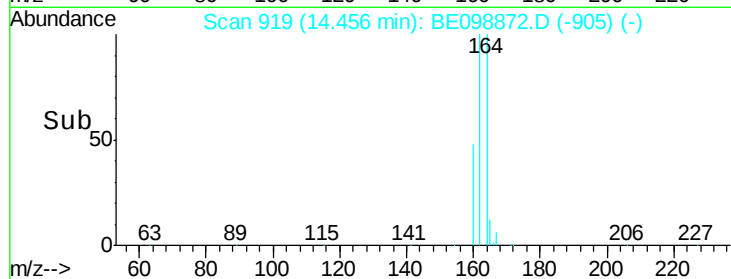
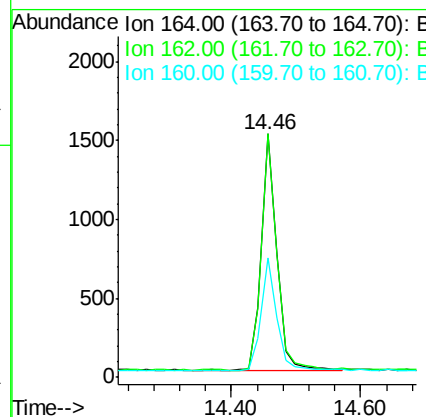
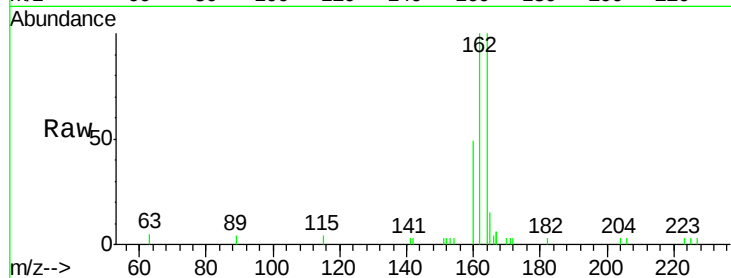




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

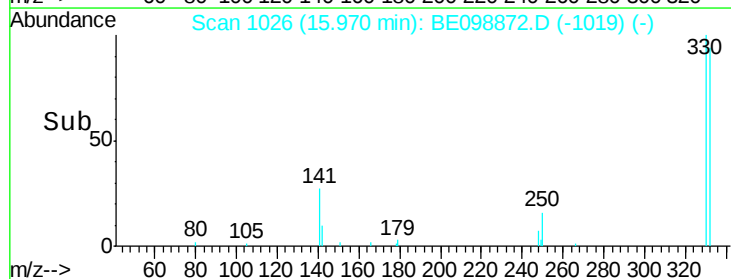
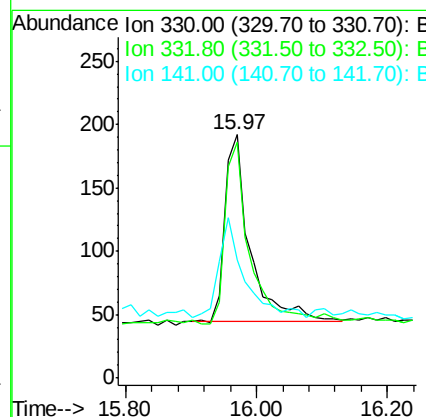
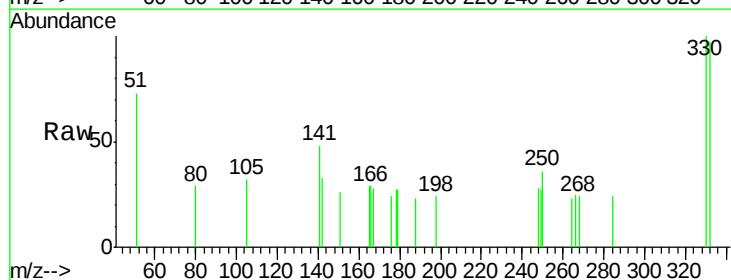
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2479
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.2 120.2
 160 49.2 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

Tgt Ion:330 Resp: 394
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.6 116.4
 141 53.3 31.0 46.4#

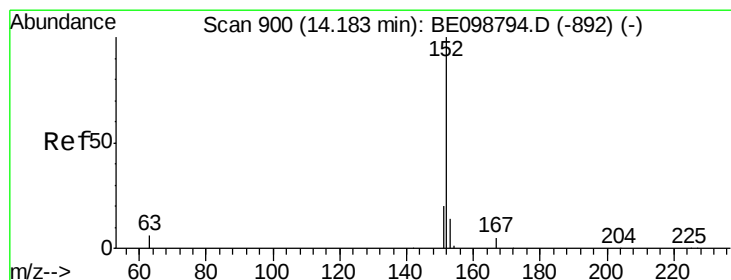
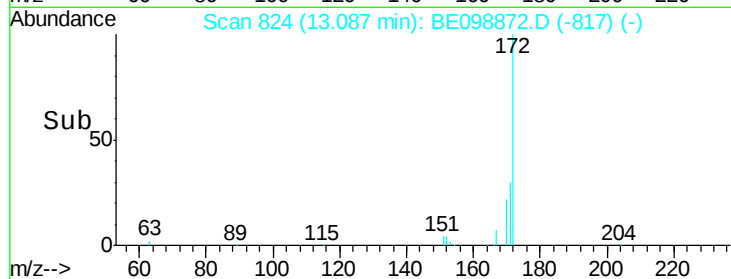
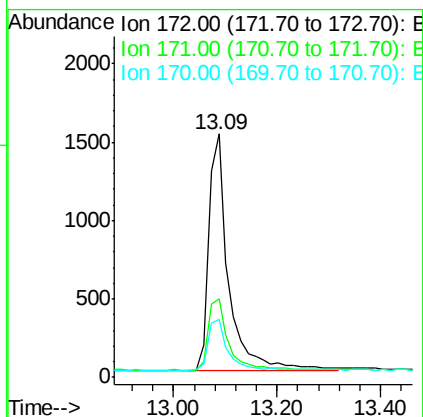
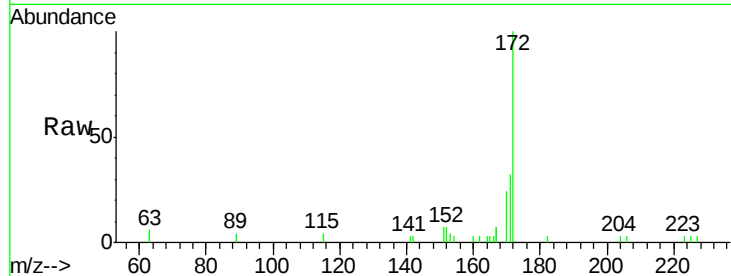




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

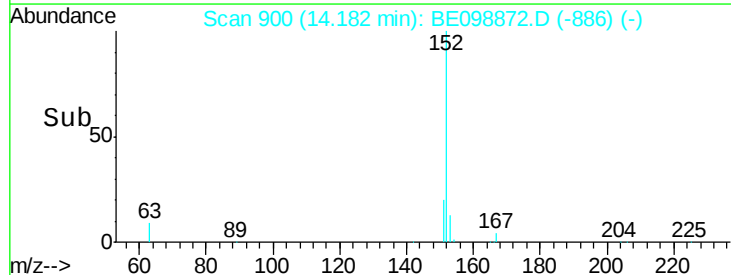
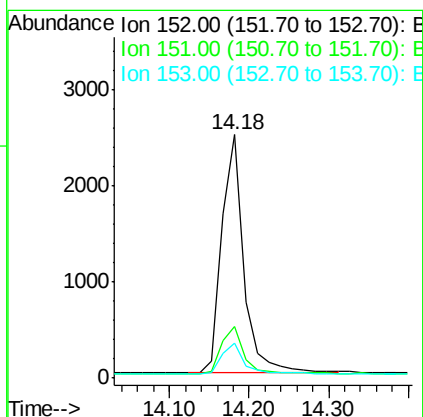
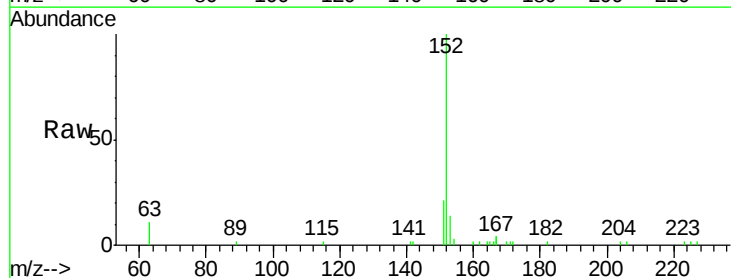
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

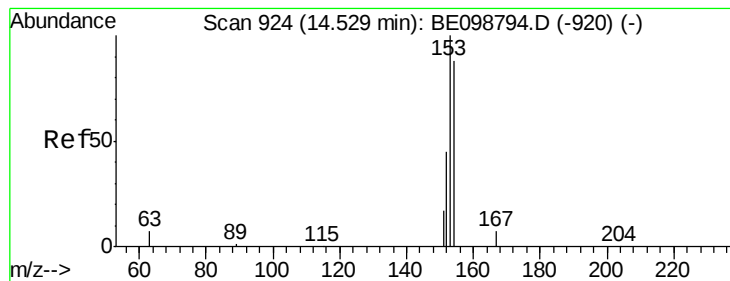
Tgt Ion:172 Resp: 4048
Ion Ratio Lower Upper
172 100
171 32.4 28.0 42.0
170 23.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

Tgt Ion:152 Resp: 4786
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6
153 12.7 11.2 16.8





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

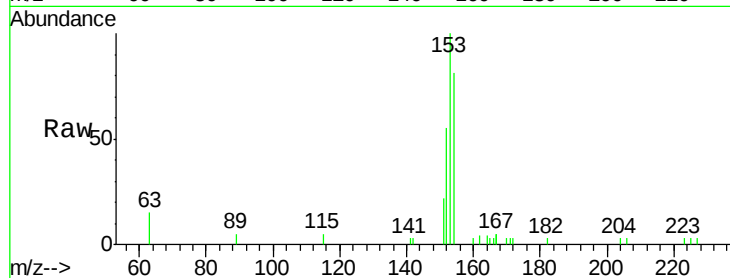
Tgt Ion:154 Resp: 2812

Ion Ratio Lower Upper

154 100

153 119.1 94.2 141.4

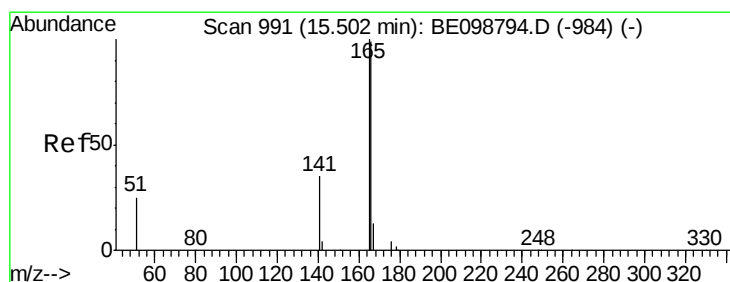
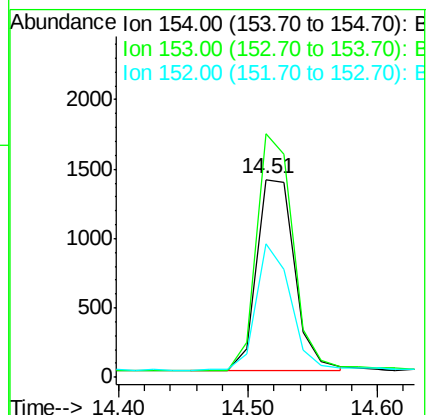
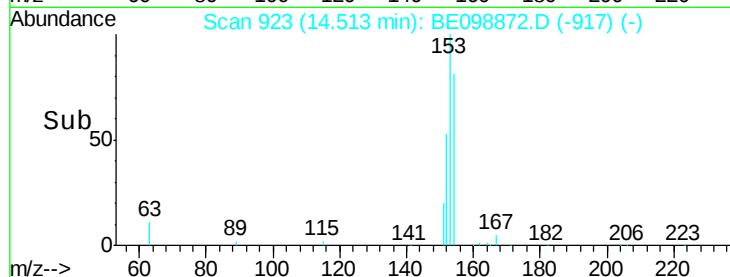
152 59.5 45.0 67.4



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: 0.372 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

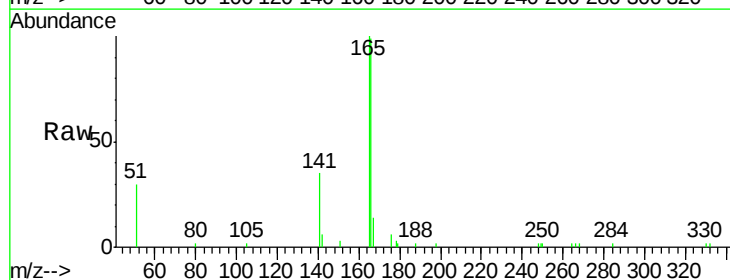
Tgt Ion:166 Resp: 4056

Ion Ratio Lower Upper

166 100

165 100.7 79.3 118.9

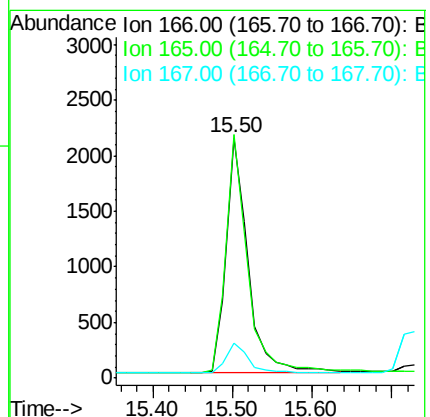
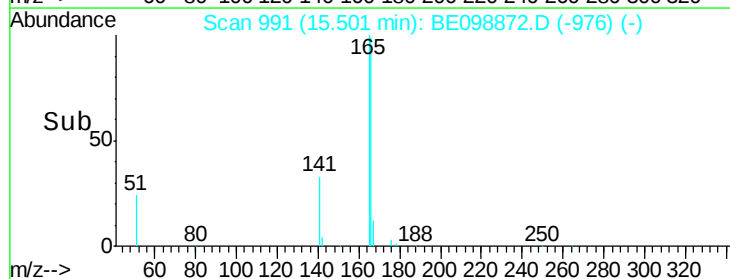
167 13.3 10.5 15.7

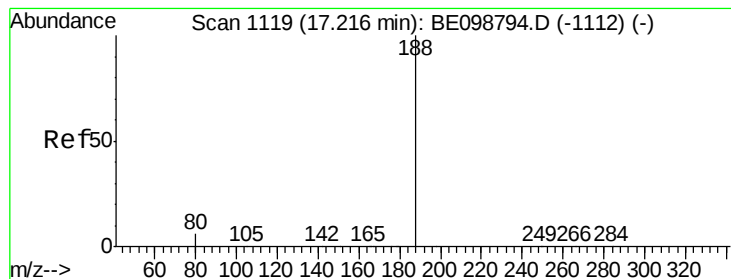


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

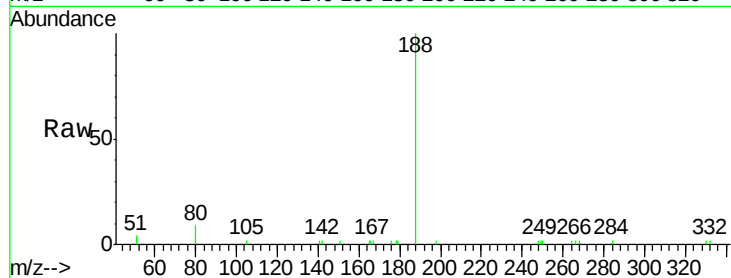
Tgt Ion:188 Resp: 6101

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

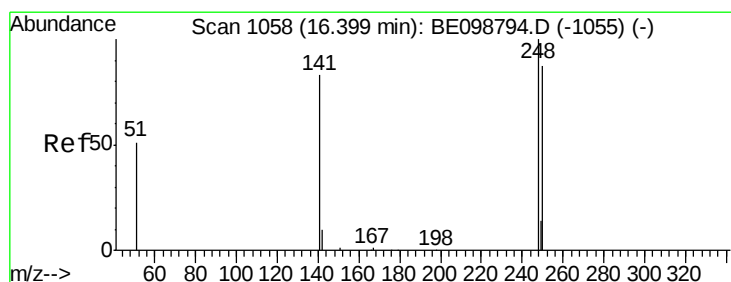
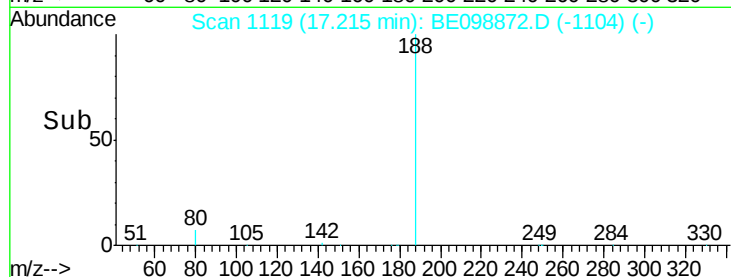
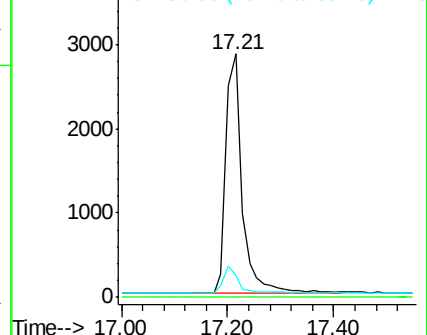
80 9.1 6.3 9.5



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: 0.373 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

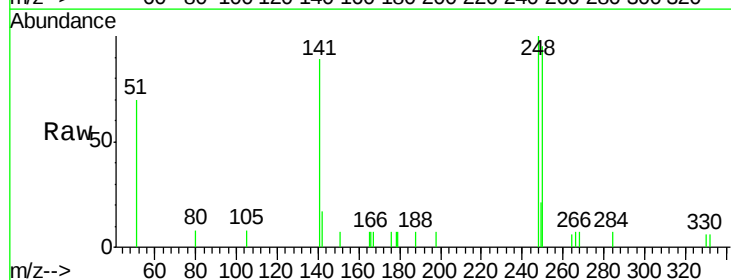
Tgt Ion:248 Resp: 1234

Ion Ratio Lower Upper

248 100

250 95.3 70.6 105.8

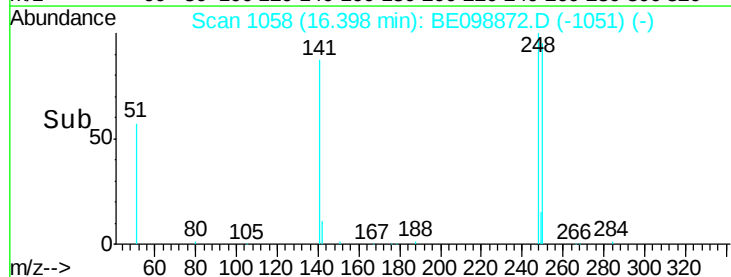
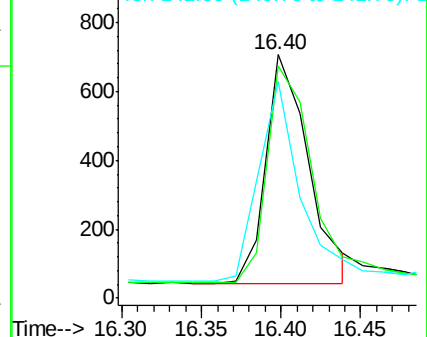
141 89.0 68.6 102.8



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: 0.401 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

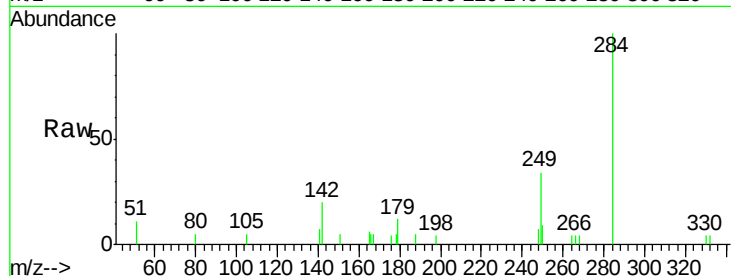
Tgt Ion:284 Resp: 1578

Ion Ratio Lower Upper

284 100

142 34.0 28.7 43.1

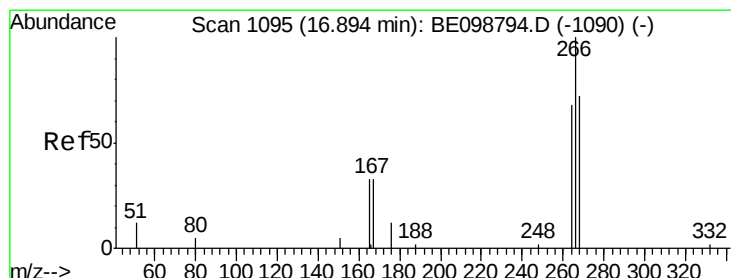
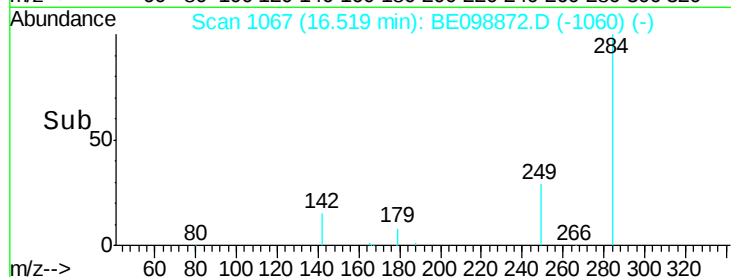
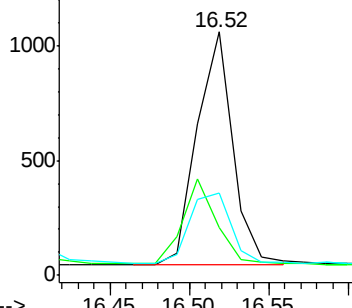
249 34.8 29.6 44.4



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: 0.407 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

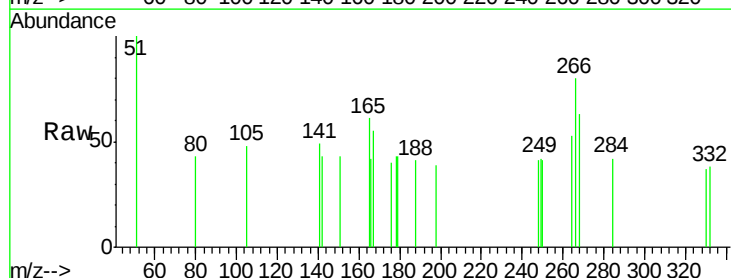
Tgt Ion:266 Resp: 191

Ion Ratio Lower Upper

266 100

264 66.3 66.6 100.0#

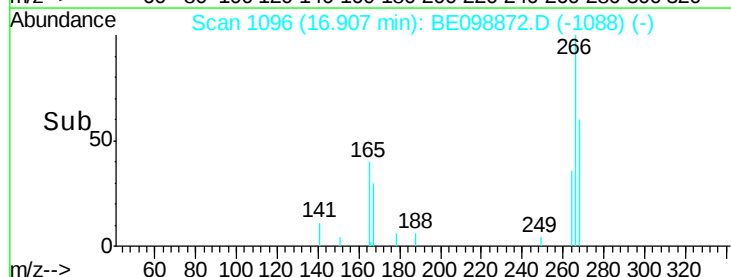
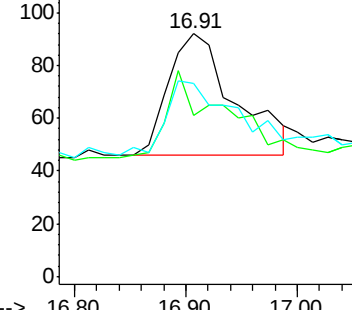
268 79.3 69.8 104.8



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: 0.390 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

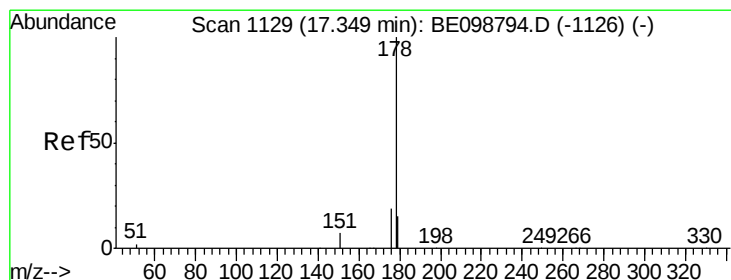
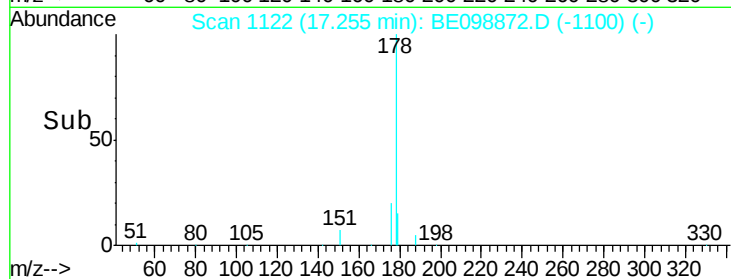
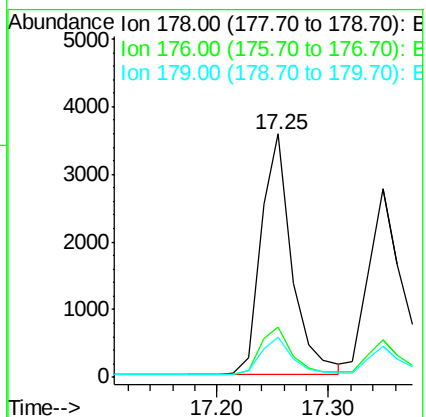
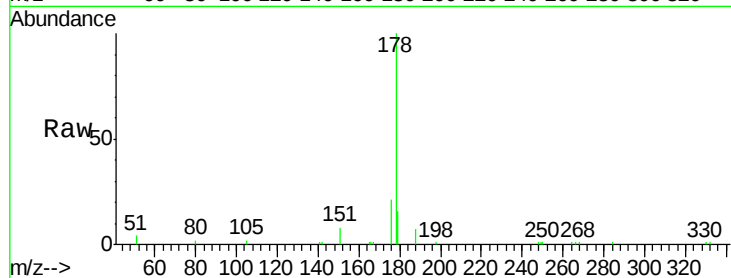
Tgt Ion:178 Resp: 6758

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.4 12.1 18.1



#24

Anthracene

Concen: 0.363 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

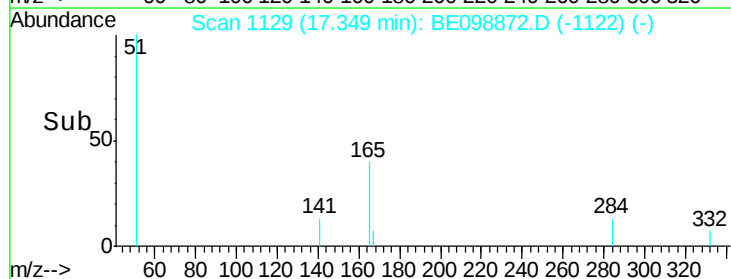
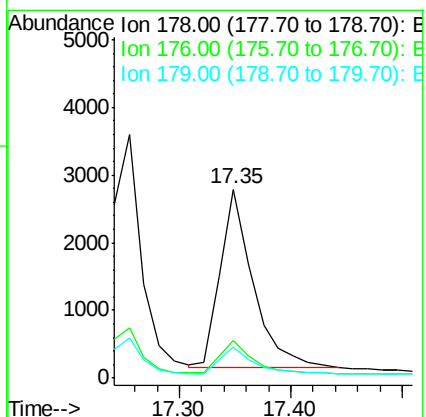
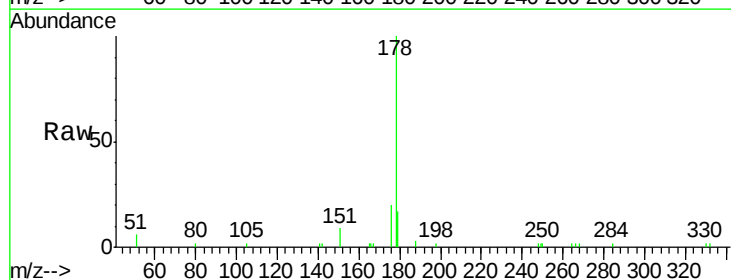
Tgt Ion:178 Resp: 5384

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 14.9 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

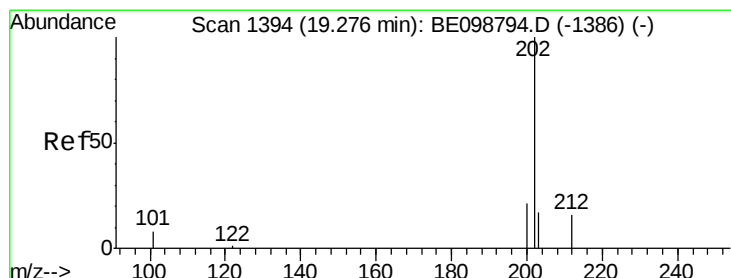
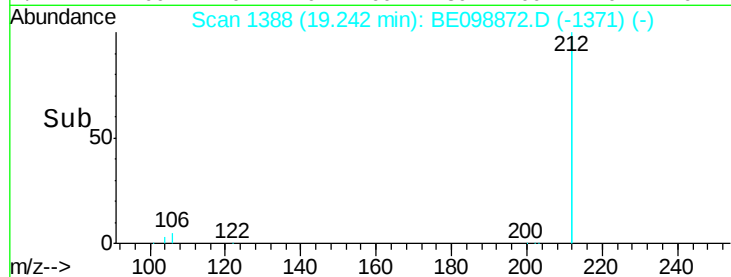
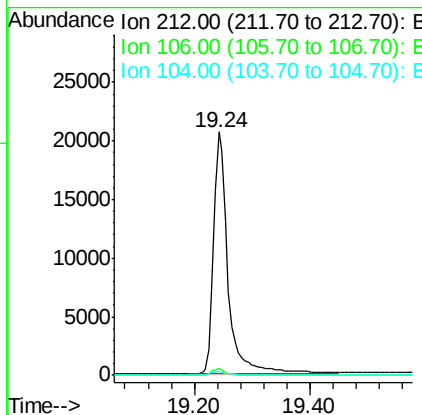
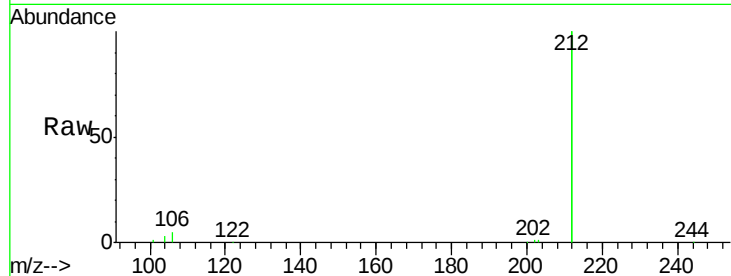
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:212 Resp: 35339

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6



#26

Fluoranthene

Concen: 0.364 ng

RT: 19.28 min Scan# 1394

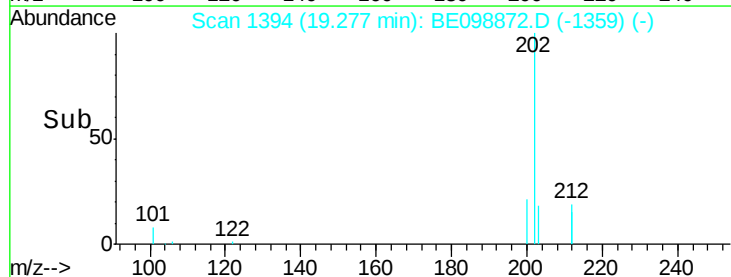
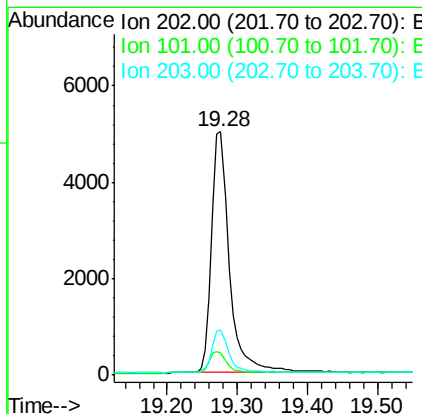
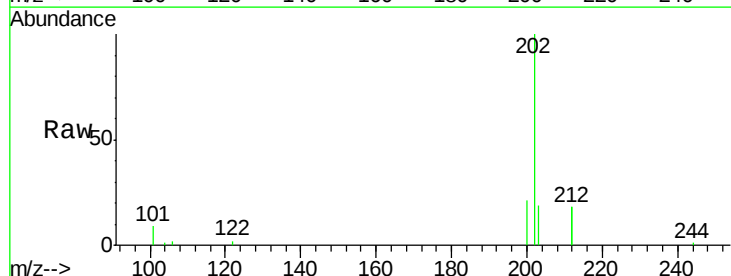
Delta R.T. 0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Tgt Ion:202 Resp: 8899

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	16.8	13.4	20.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

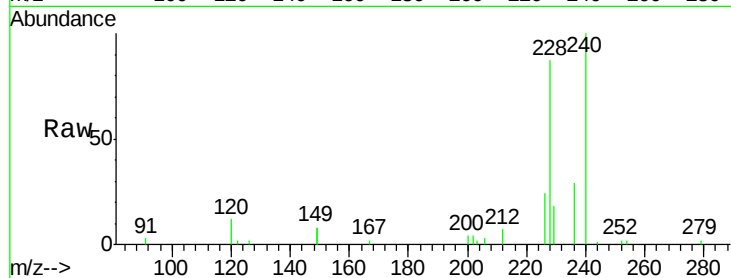
Tgt Ion:240 Resp: 7219

Ion Ratio Lower Upper

240 100

120 11.5 5.0 7.4#

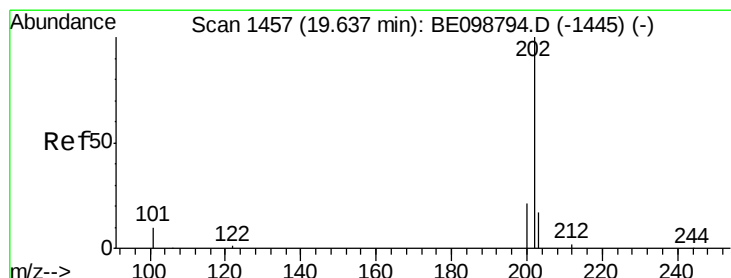
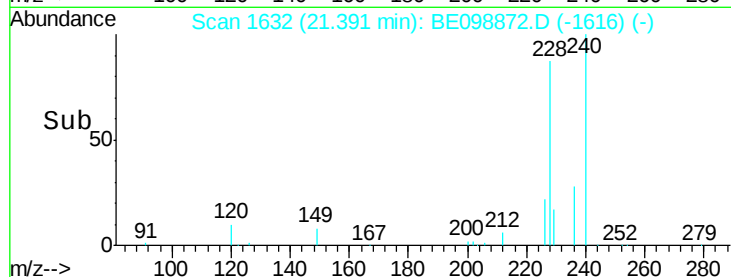
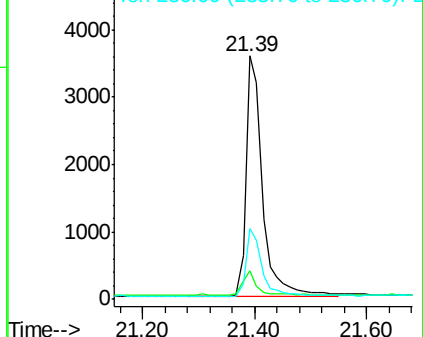
236 29.2 22.7 34.1



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: 0.411 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

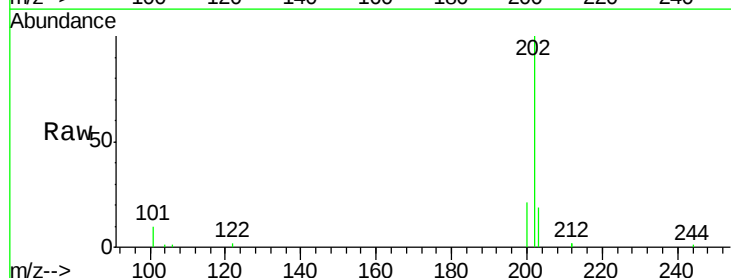
Tgt Ion:202 Resp: 9071

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

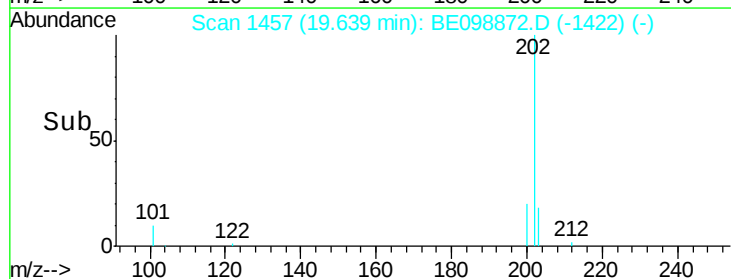
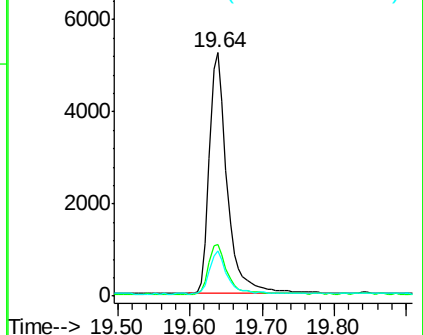
203 17.5 14.2 21.2

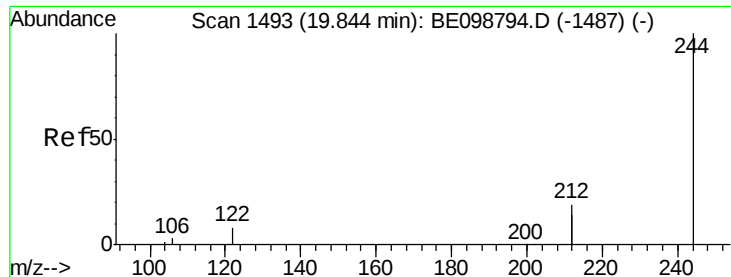


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

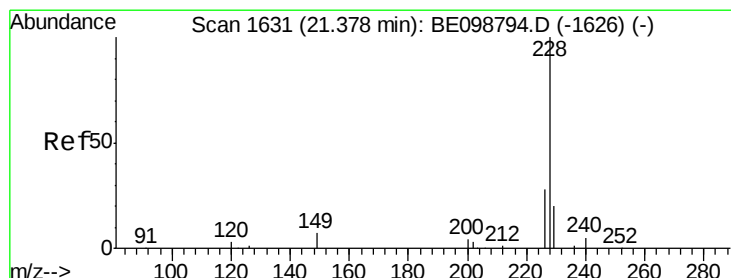
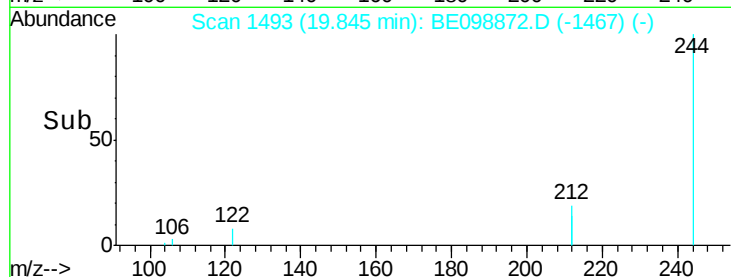
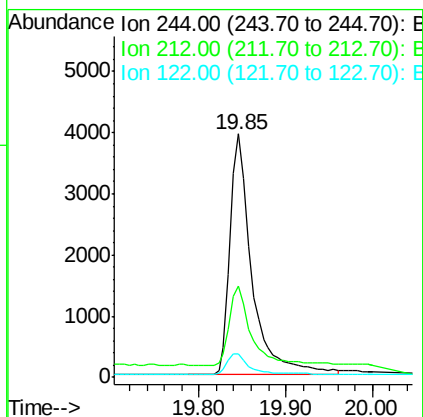
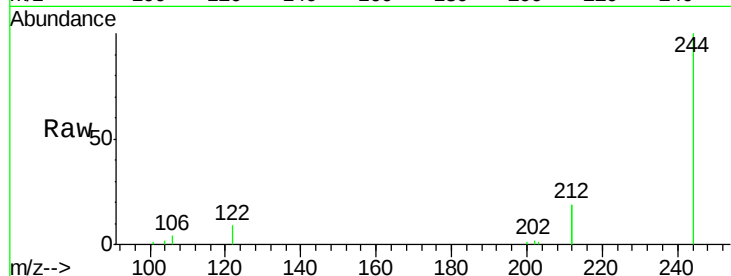




#29
 Terphenyl-d14
 Concen: 0.392 ng
 RT: 19.85 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

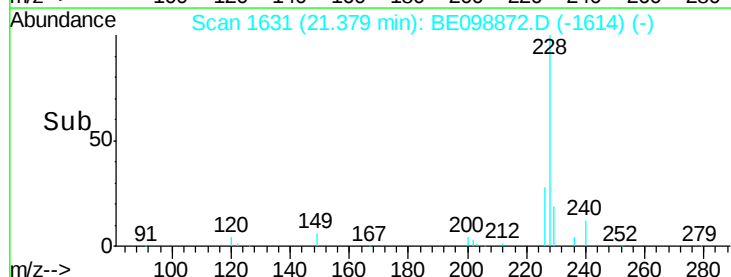
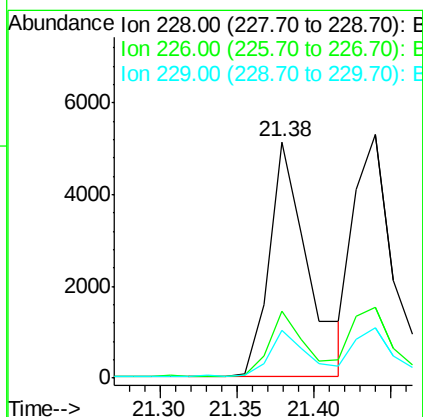
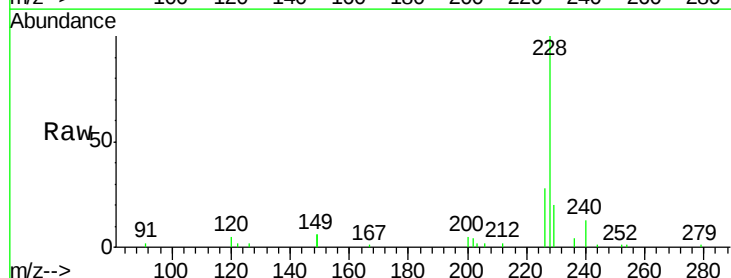
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 244 Resp: 6881
 Ion Ratio Lower Upper
 244 100
 212 37.5 29.4 44.2
 122 9.4 7.1 10.7



#30
 Benzo(a)anthracene
 Concen: 0.393 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098872.D
 Acq: 11 Mar 2019 21:21

Tgt Ion: 228 Resp: 8849
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.0 34.4
 229 20.0 16.5 24.7





#31

Chrysene

Concen: 0.383 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

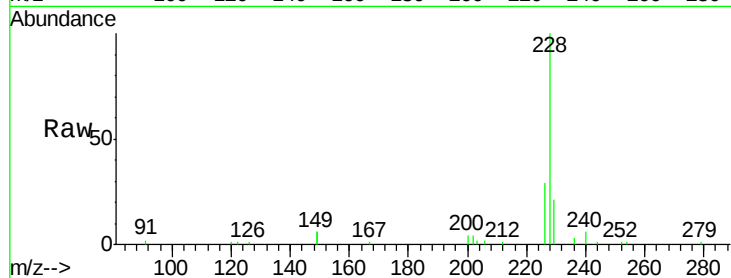
Tgt Ion:228 Resp: 9220

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

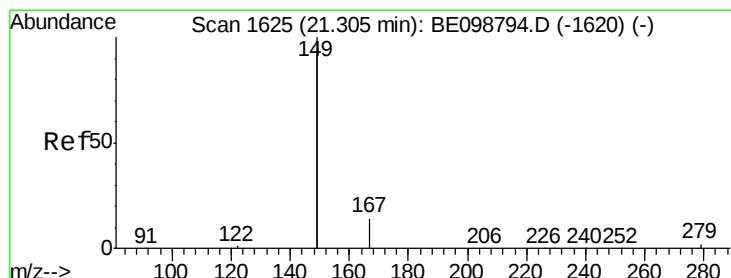
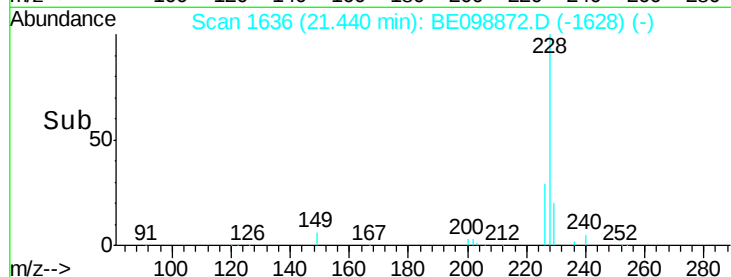
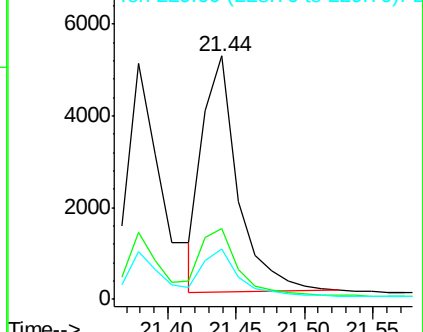
229 20.6 16.1 24.1



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: 0.313 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

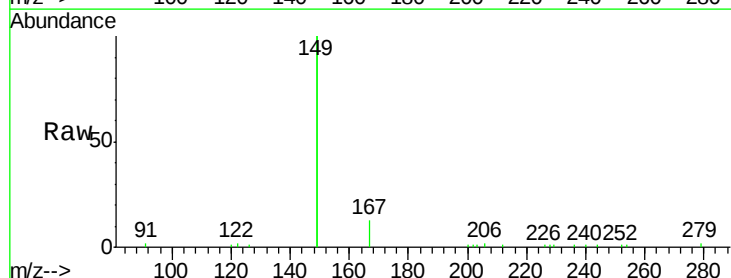
Tgt Ion:149 Resp: 15005

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

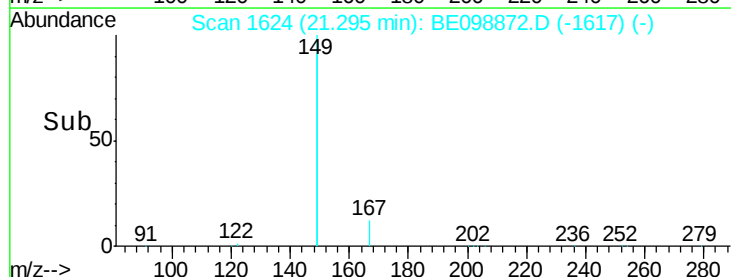
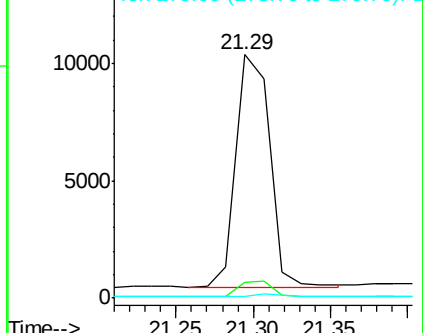
279 1.1 1.0 1.4

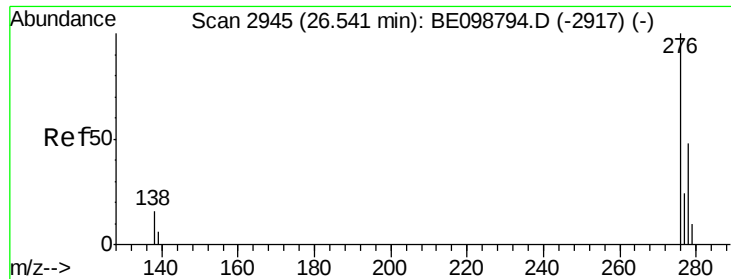


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.404 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

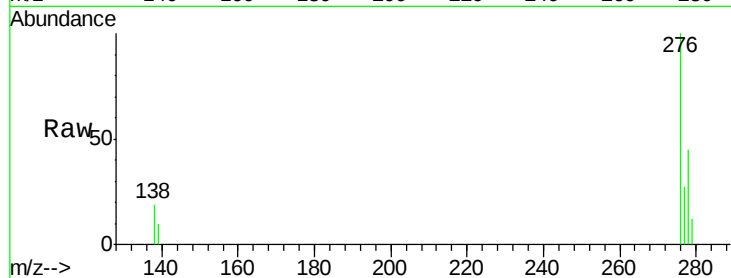
Tgt Ion:276 Resp: 10290

Ion Ratio Lower Upper

276 100

138 19.3 13.8 20.8

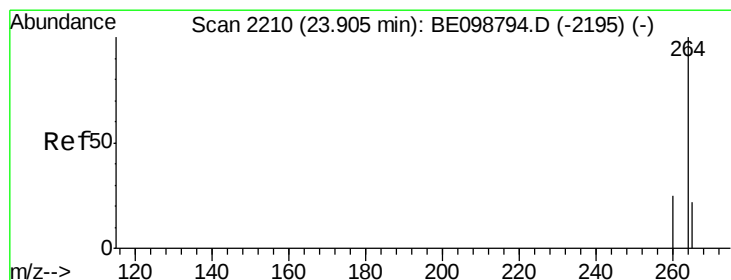
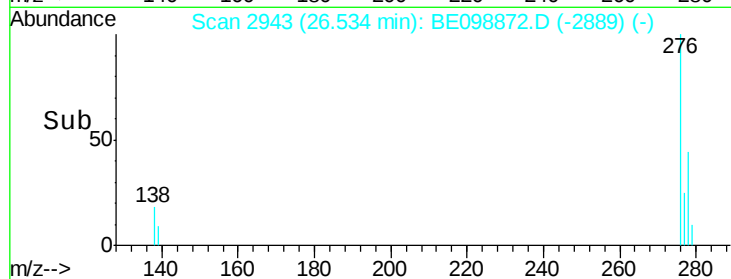
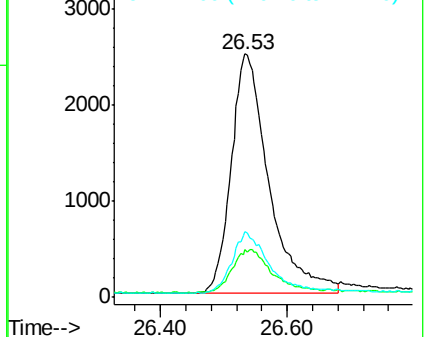
277 25.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

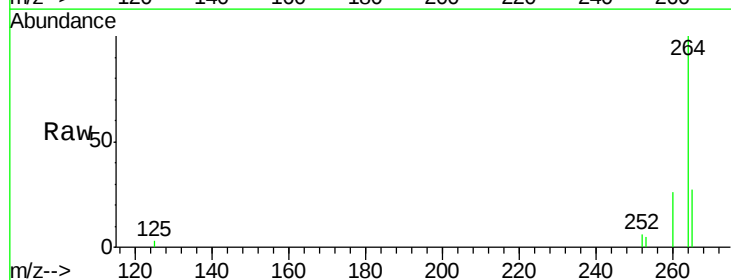
Tgt Ion:264 Resp: 7208

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

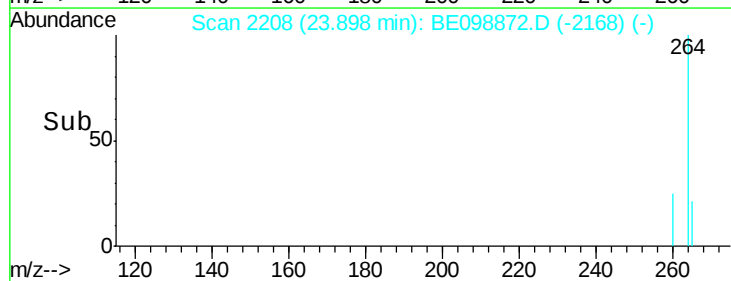
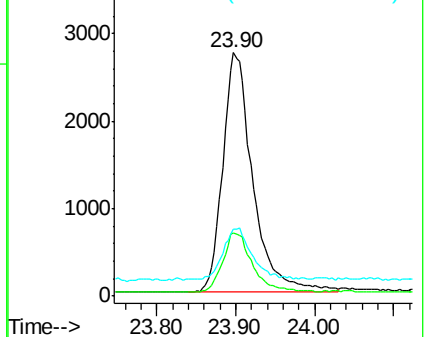
265 27.5 24.6 36.8



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

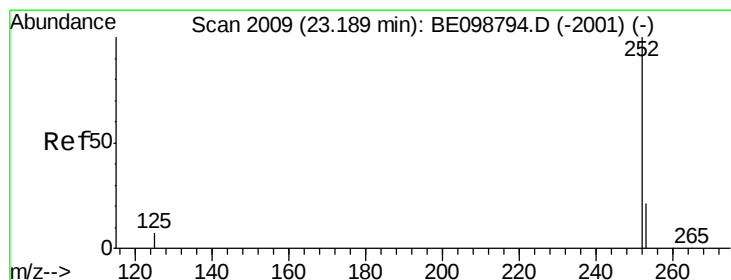
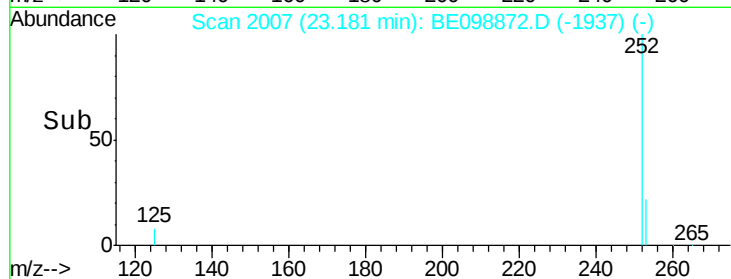
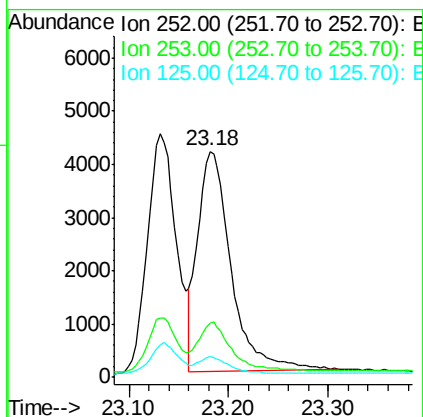
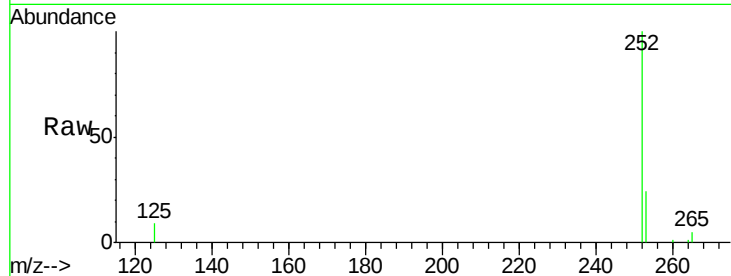




#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

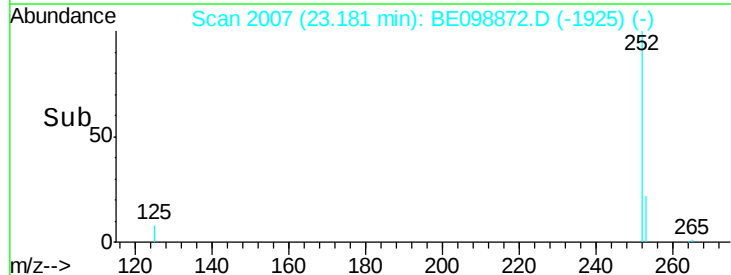
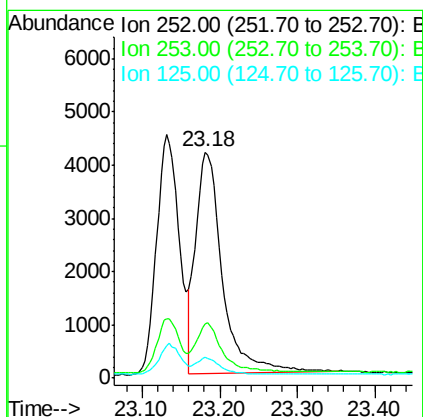
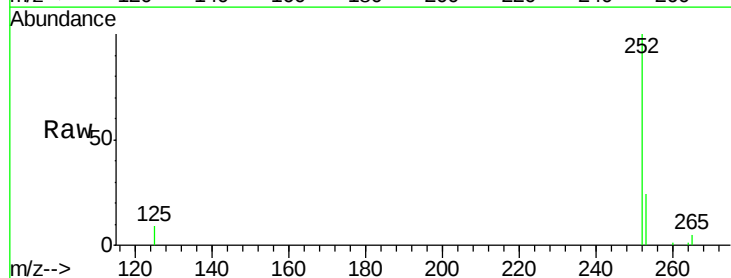
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9607
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 9.4 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098872.D
Acq: 11 Mar 2019 21:21

Tgt Ion:252 Resp: 9906
Ion Ratio Lower Upper
252 100
253 24.2 19.3 28.9
125 9.4 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

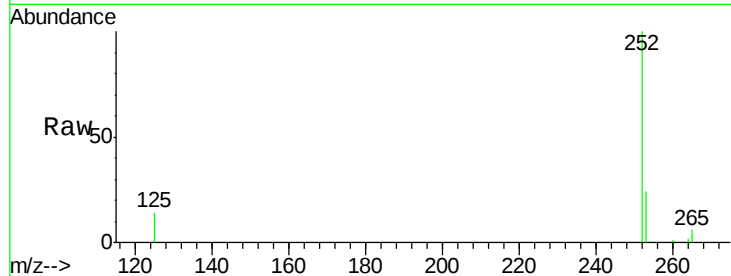
Tgt Ion:252 Resp: 8667

Ion Ratio Lower Upper

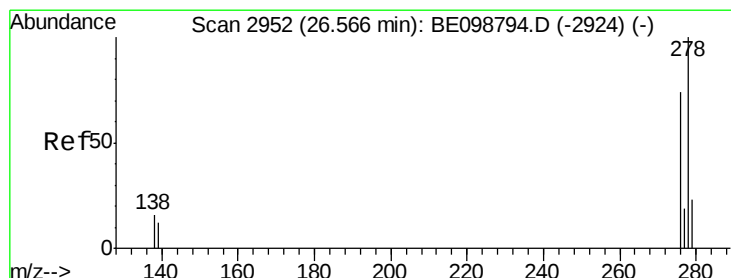
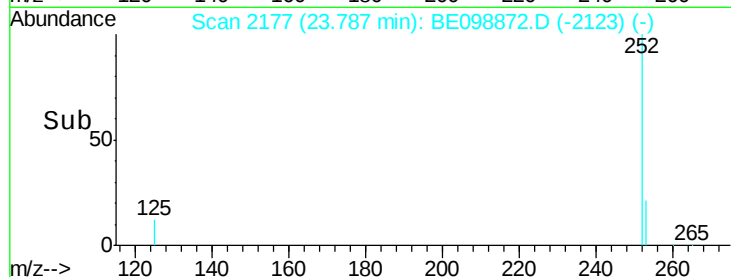
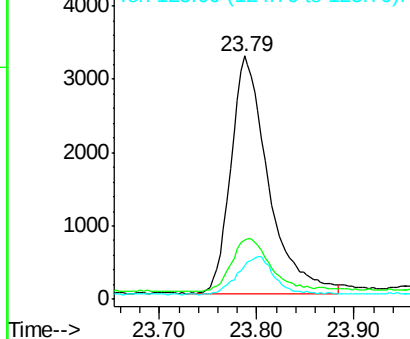
252 100

253 24.3 19.9 29.9

125 13.9 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: 0.382 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE098872.D

Acq: 11 Mar 2019 21:21

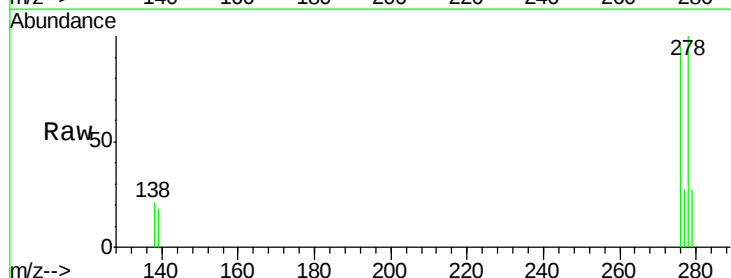
Tgt Ion:278 Resp: 8206

Ion Ratio Lower Upper

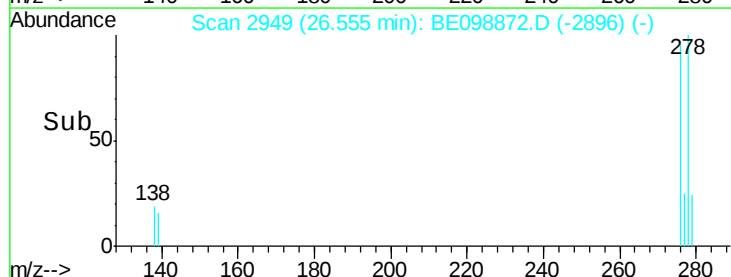
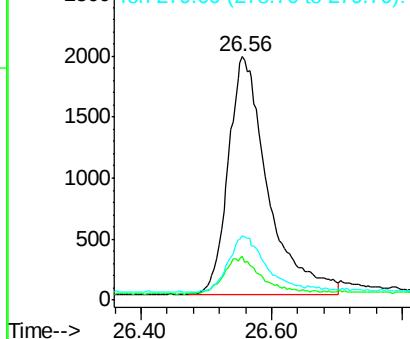
278 100

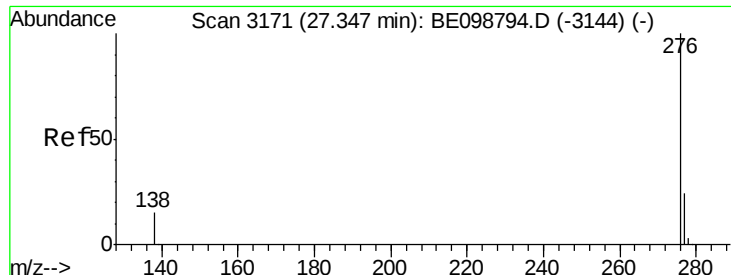
139 18.2 11.8 17.6#

279 26.6 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: 0.380 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098872.D

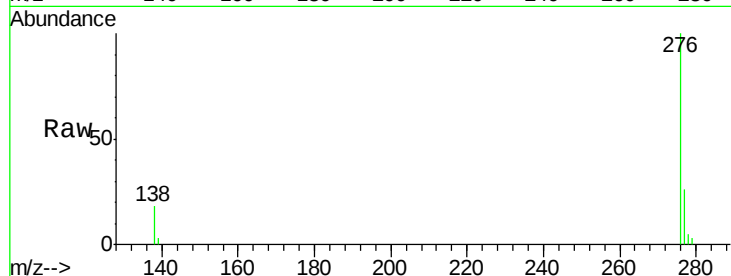
Acq: 11 Mar 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 8537

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 17.7 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

