

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
 Data File : BE098298.D
 Acq On : 10 Dec 2018 14:17
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Dec 10 14:50:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 13:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1732	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	7374	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	4590	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	12739	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13270	0.40	ng	0.00
34) Perylene-d12	24.01	264	11714	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	13694	2.96	ng	0.00
5) Phenol-d6	7.04	99	20546	3.15	ng	-0.01
8) Nitrobenzene-d5	9.02	82	23801	3.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	39084	3.26	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	7290	3.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	58958	3.10	ng	0.00
25) Fluoranthene-d10	19.31	212	541775	3.15	ng	0.00
29) Terphenyl-d14	19.90	244	106373	3.56	ng	0.00

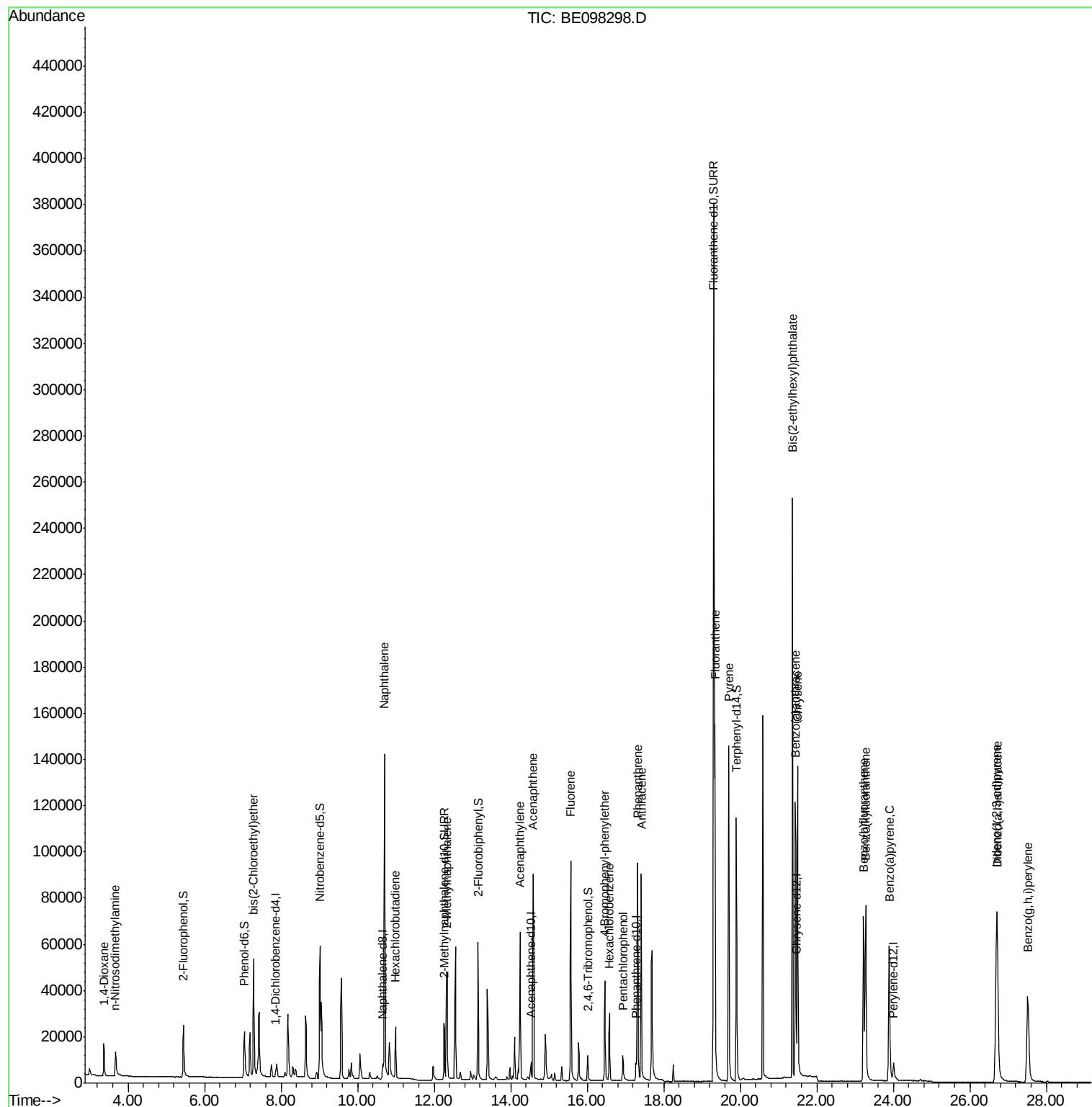
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	8814	2.744	ng	97
3) n-Nitrosodimethylamine	3.67	42	10104	3.039	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	18403	3.069	ng	95
9) Naphthalene	10.71	128	235726	3.182	ng	99
10) Hexachlorobutadiene	10.99	225	14831	3.121	ng	98
12) 2-Methylnaphthalene	12.34	142	40018	3.253	ng	98
16) Acenaphthylene	14.24	152	71988	3.360	ng	99
17) Acenaphthene	14.59	154	43264	3.389	ng	99
18) Fluorene	15.57	166	59047	3.488	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	22926	3.180	ng	# 83
21) Hexachlorobenzene	16.58	284	23261	3.119	ng	97
22) Pentachlorophenol	16.93	266	7116	2.944	ng	90
23) Phenanthrene	17.31	178	100477	3.176	ng	99
24) Anthracene	17.41	178	96977	3.291	ng	100
26) Fluoranthene	19.34	202	136156	3.153	ng	100
28) Pyrene	19.70	202	138179	3.759	ng	99
30) Benzo(a)anthracene	21.44	228	124398	3.183	ng	98
31) Chrysene	21.50	228	123960	3.123	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	265768	2.840	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	124120	3.093	ng	100
35) Benzo(b)fluoranthene	23.22	252	106429	3.099	ng	# 93
36) Benzo(k)fluoranthene	23.27	252	123474	3.424	ng	# 95
37) Benzo(a)pyrene	23.89	252	107773	3.258	ng	# 92
38) Dibenzo(a,h)anthracene	26.72	278	103923	3.313	ng	# 92
39) Benzo(g,h,i)perylene	27.52	276	103283	3.286	ng	96

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

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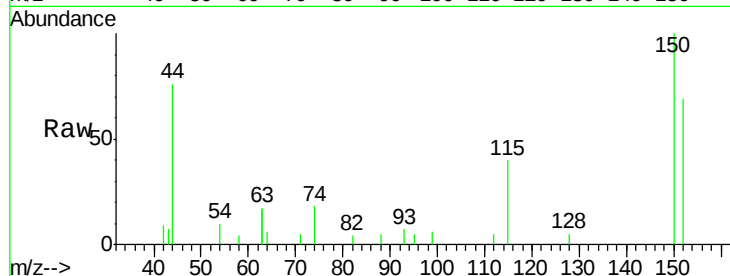


#1

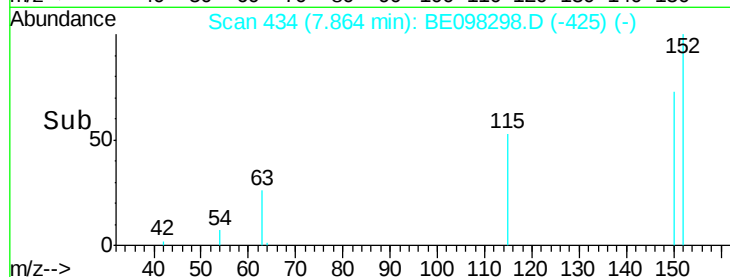
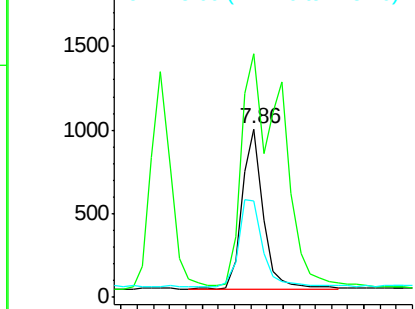
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1732
Ion Ratio Lower Upper
152 100
150 144.9 124.2 186.4
115 57.5 53.9 80.9



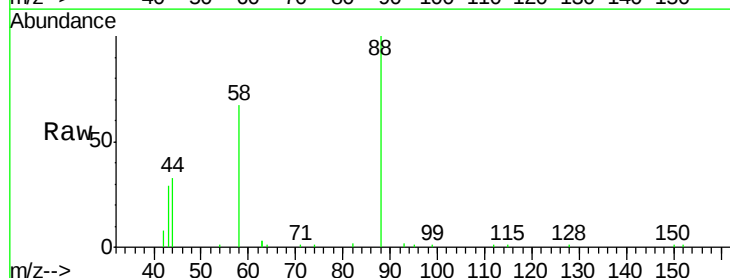
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



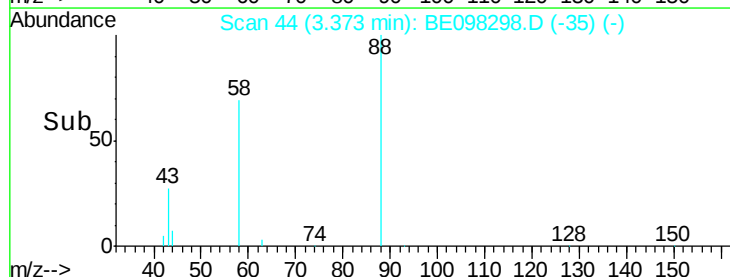
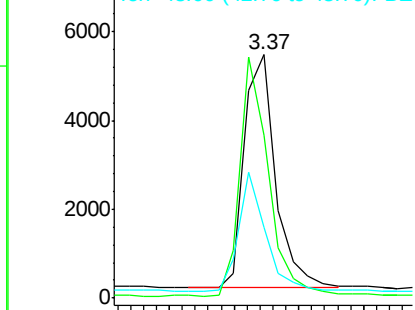
#2

1,4-Dioxane
Concen: 2.744 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 88 Resp: 8814
Ion Ratio Lower Upper
88 100
58 92.7 75.0 112.6
43 43.6 38.3 57.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.039 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

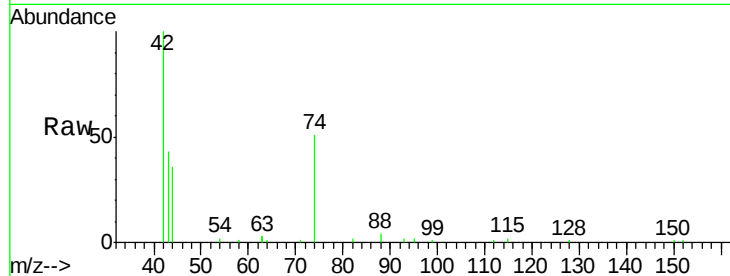
BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 42 Resp: 10104

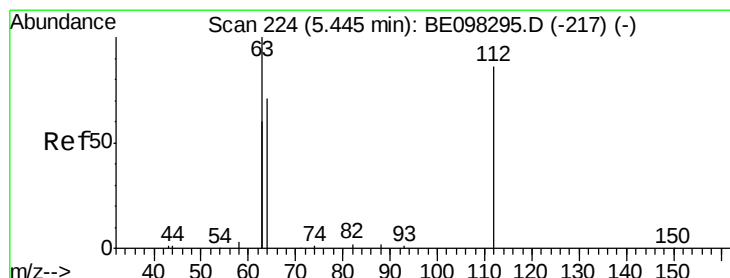
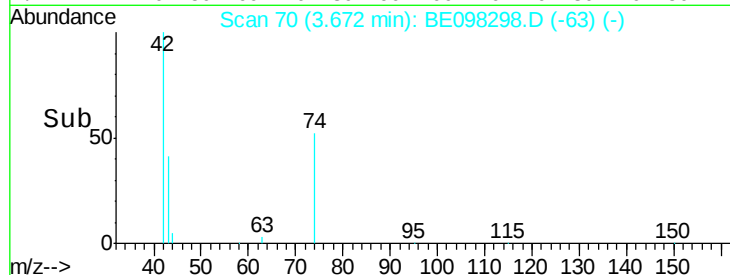
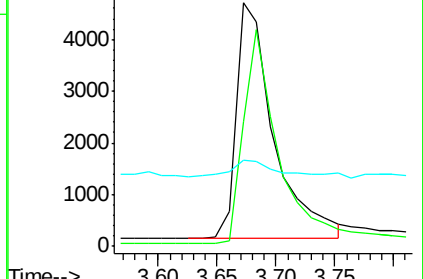
Ion	Ratio	Lower	Upper
42	100		
74	83.6	0.0	0.0#
44	7.7	0.0	0.0#



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: 2.961 ng

RT: 5.45 min Scan# 224

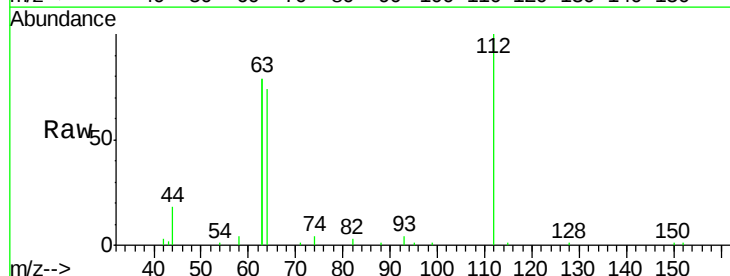
Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Tgt Ion: 112 Resp: 13694

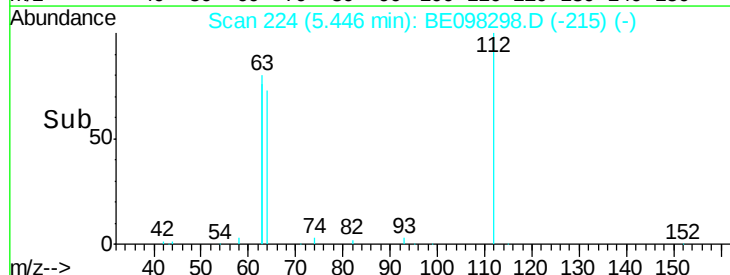
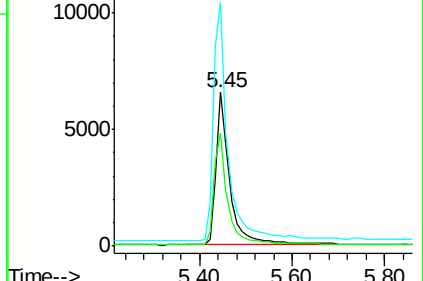
Ion	Ratio	Lower	Upper
112	100		
64	75.4	59.8	89.8
63	164.2	133.7	200.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.153 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

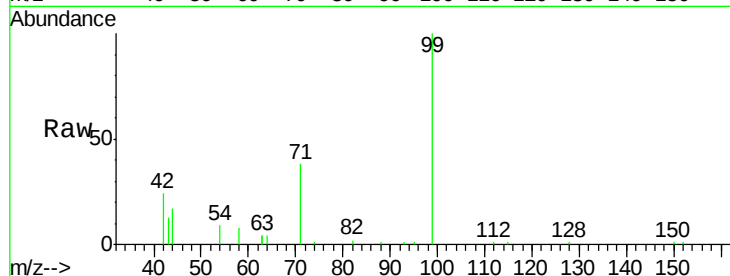
Tgt Ion: 99 Resp: 20546

Ion Ratio Lower Upper

99 100

42 27.7 26.3 39.5

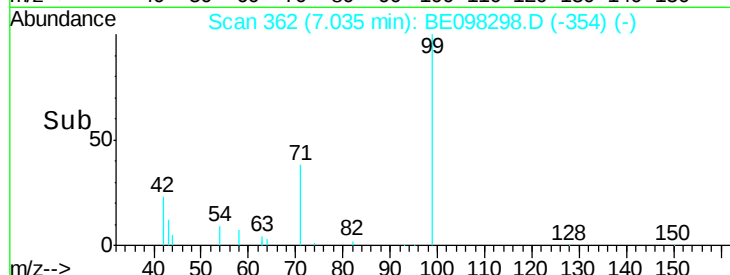
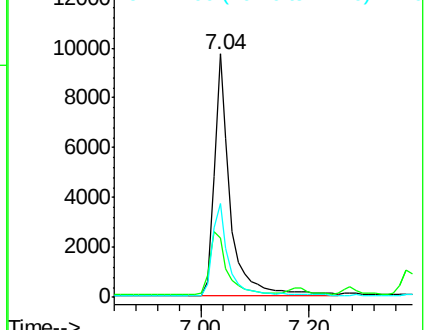
71 39.8 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.069 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

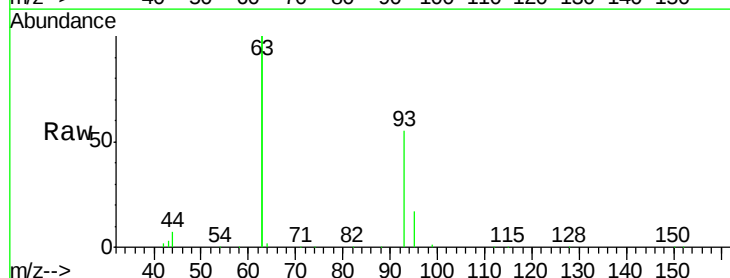
Tgt Ion: 93 Resp: 18403

Ion Ratio Lower Upper

93 100

63 341.9 264.4 396.6

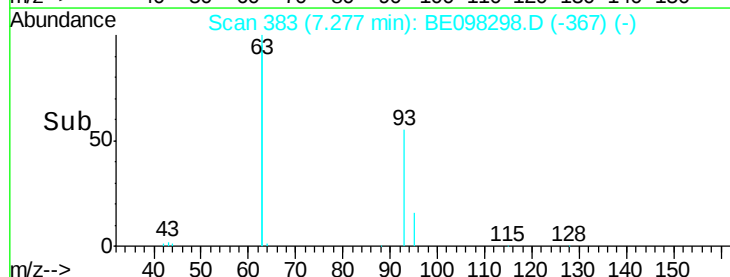
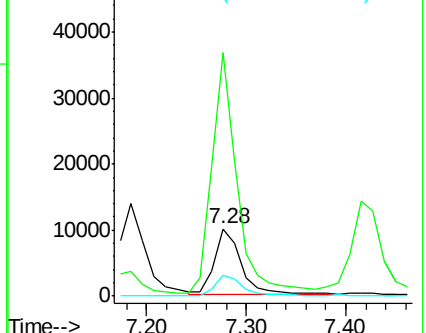
95 31.7 26.6 40.0

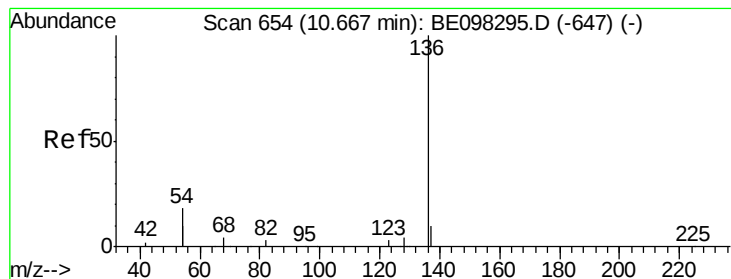


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 7374

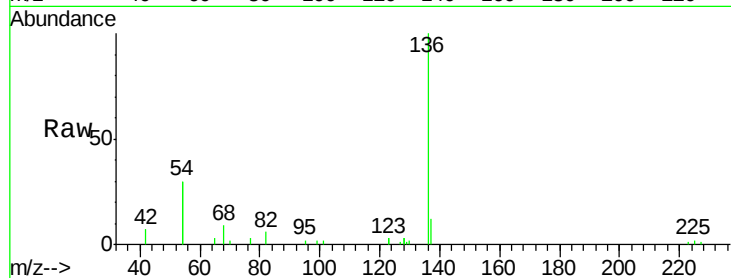
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 60.8 28.4 42.6#

68 9.2 5.4 8.0#

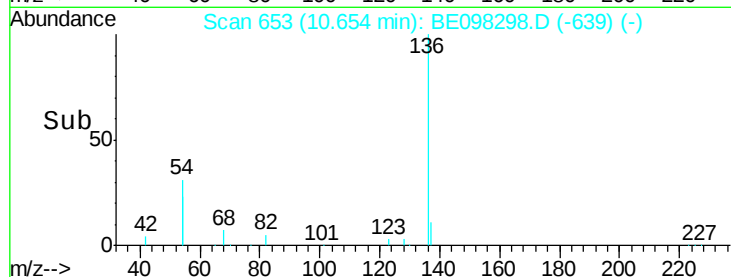


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 3.187 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

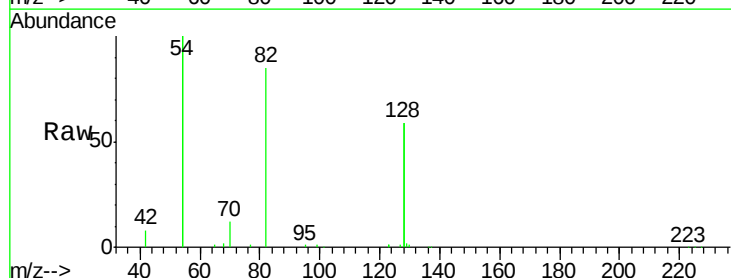
Tgt Ion: 82 Resp: 23801

Ion Ratio Lower Upper

82 100

128 139.4 102.4 153.6

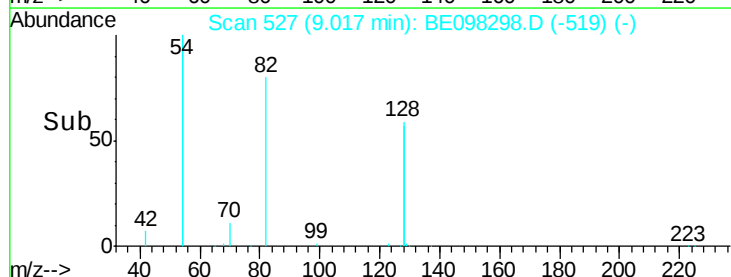
54 235.3 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 3.182 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

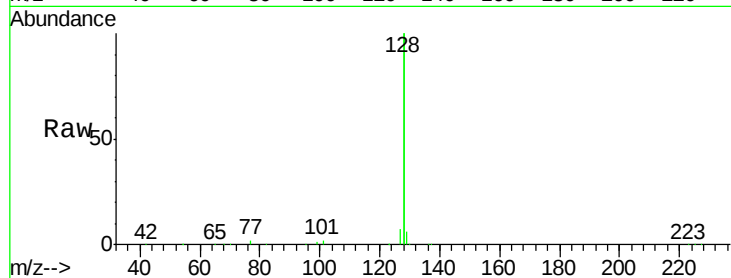
Tgt Ion:128 Resp: 235726

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

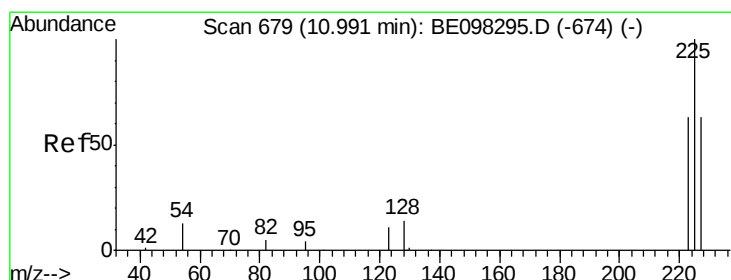
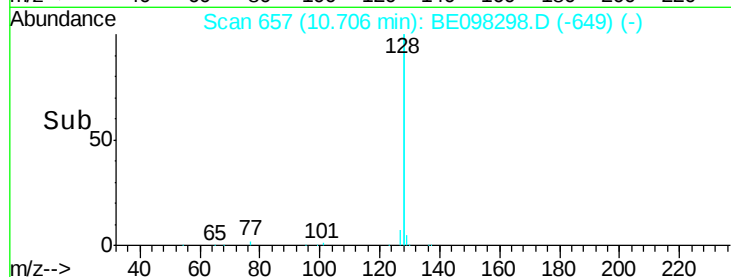
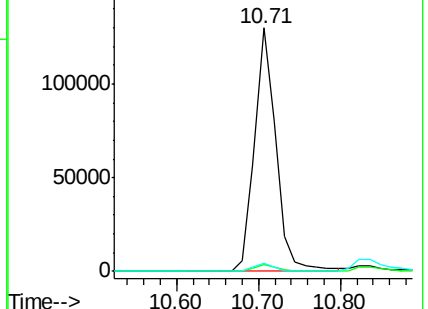
127 3.4 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.121 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

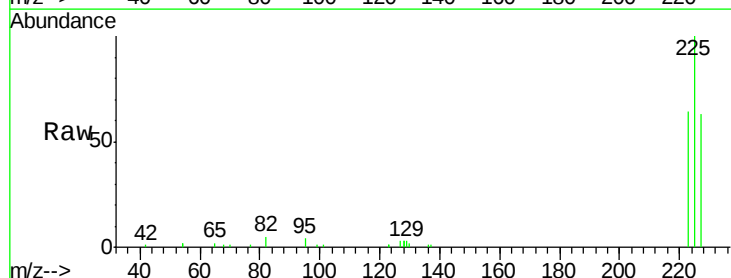
Tgt Ion:225 Resp: 14831

Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.0

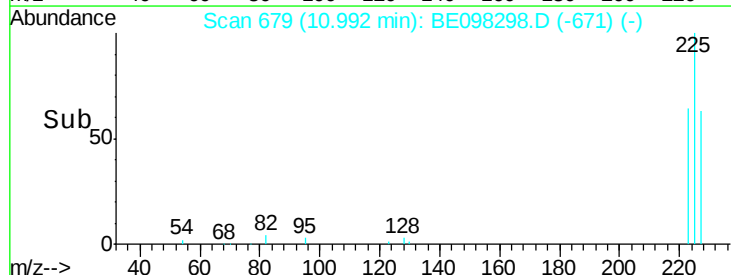
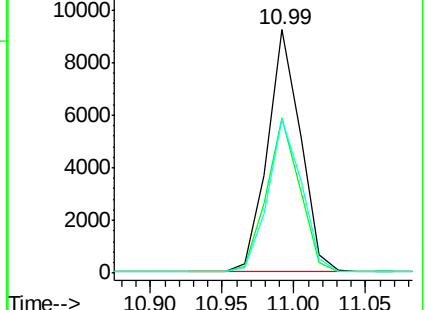
227 64.0 52.0 78.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.264 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

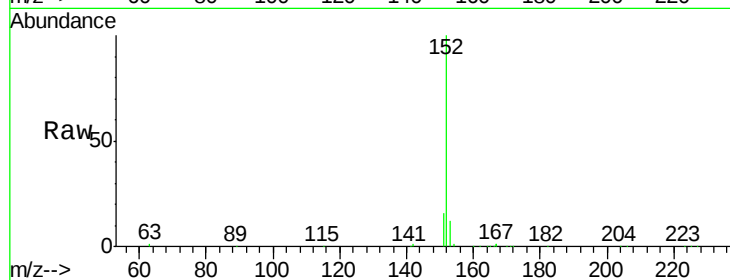
SSTDICC3.2

Tgt Ion:152 Resp: 39084

Ion Ratio Lower Upper

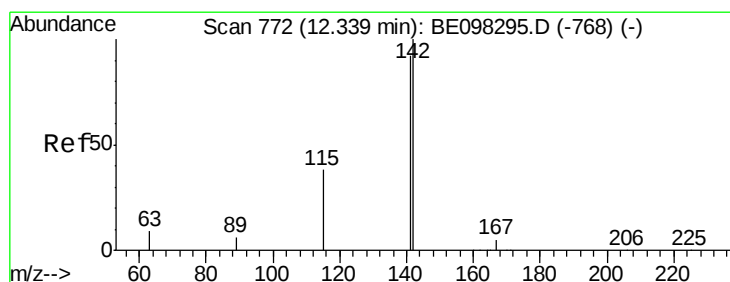
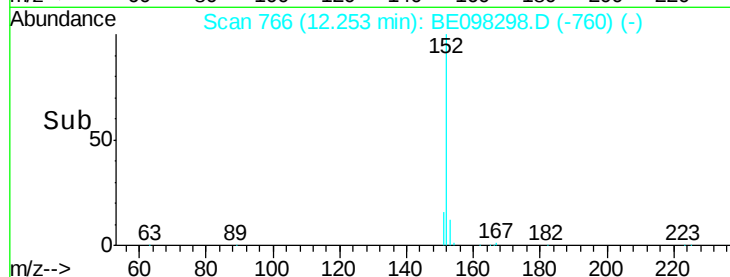
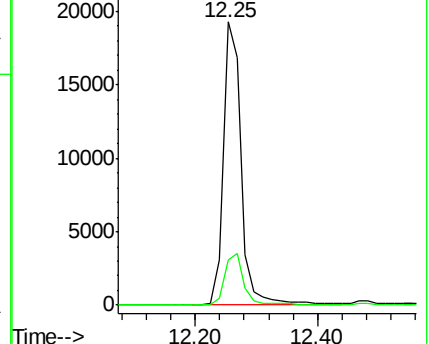
152 100

151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.253 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

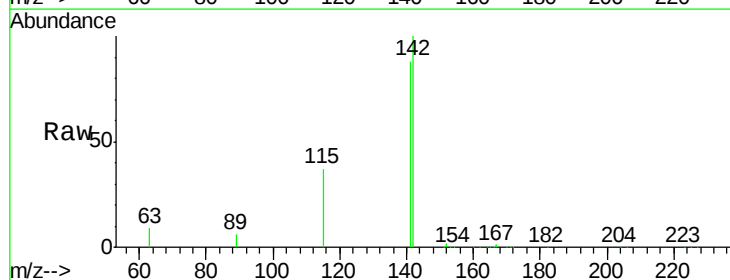
Tgt Ion:142 Resp: 40018

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

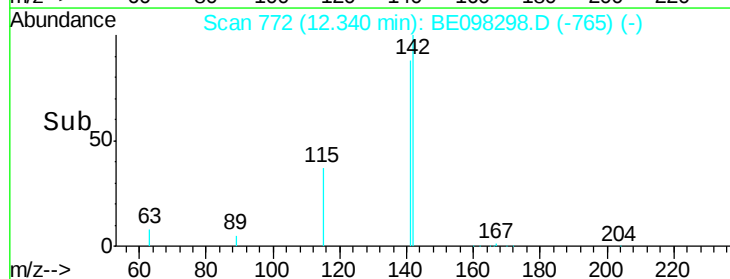
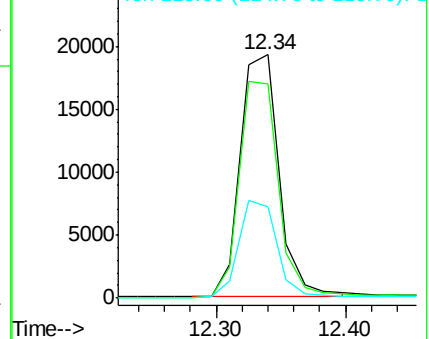
115 37.4 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

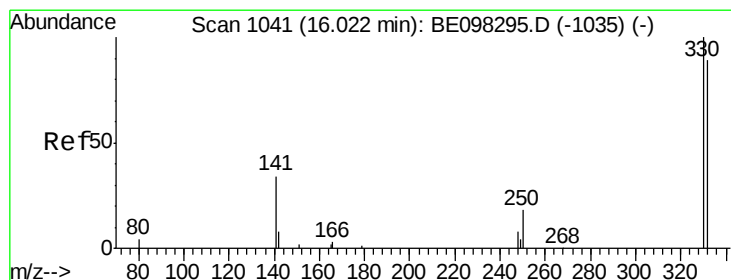
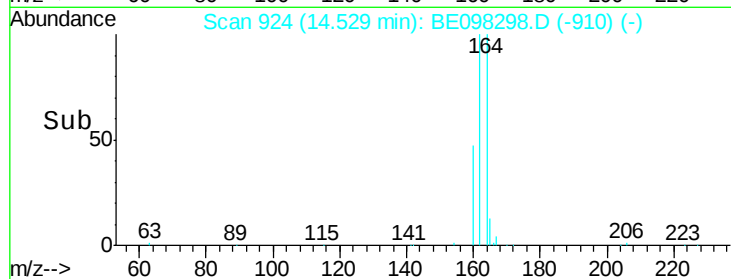
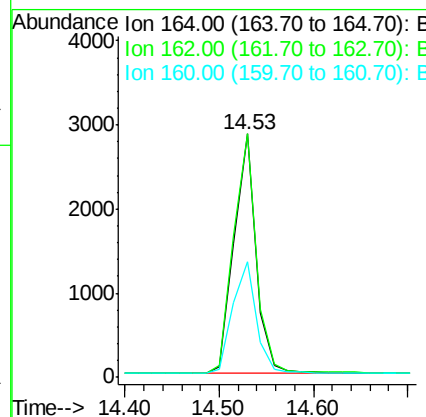
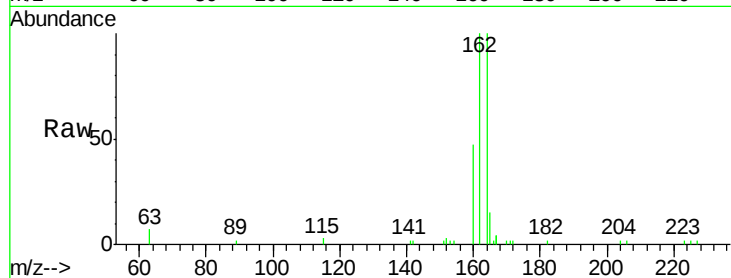




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

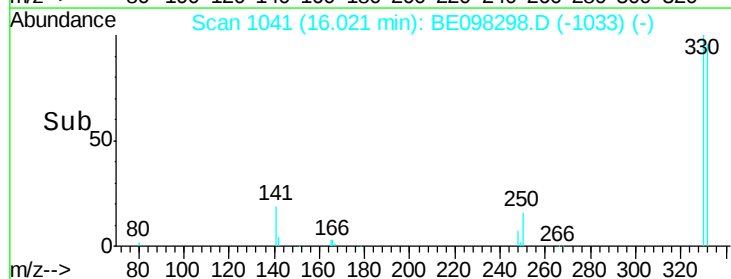
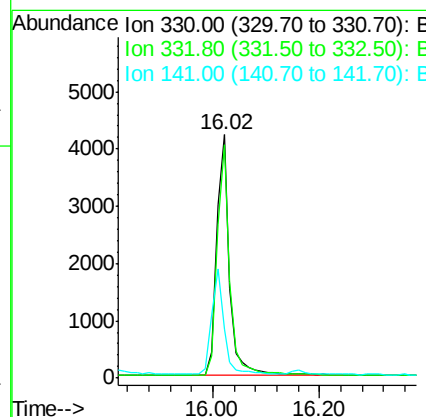
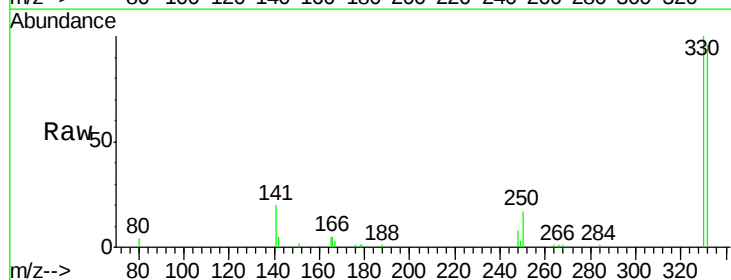
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

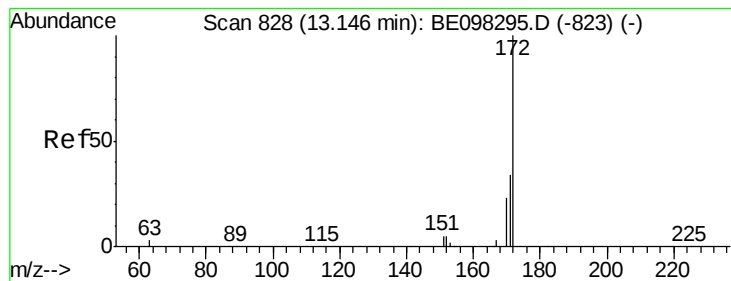
Tgt Ion:164 Resp: 4590
Ion Ratio Lower Upper
164 100
162 100.0 77.6 116.4
160 47.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 3.349 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:330 Resp: 7290
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 40.9 39.0 58.4

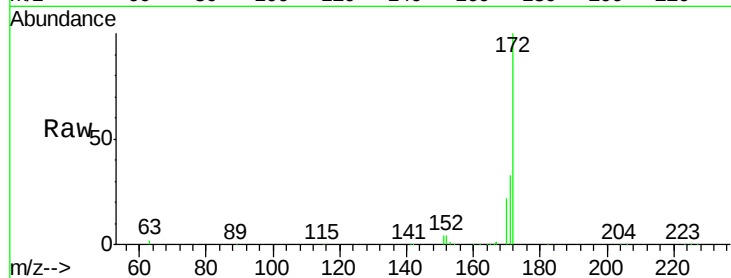




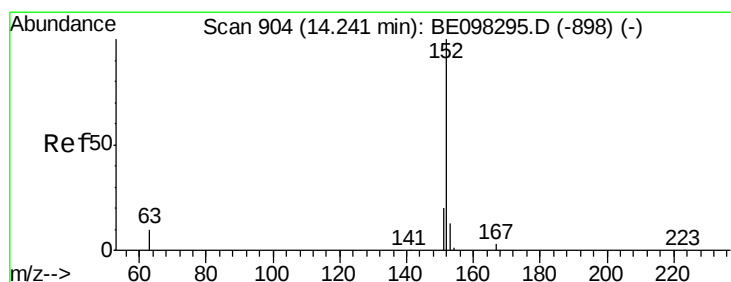
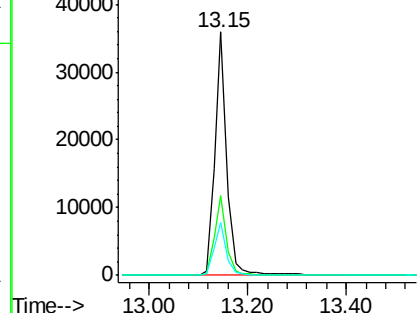
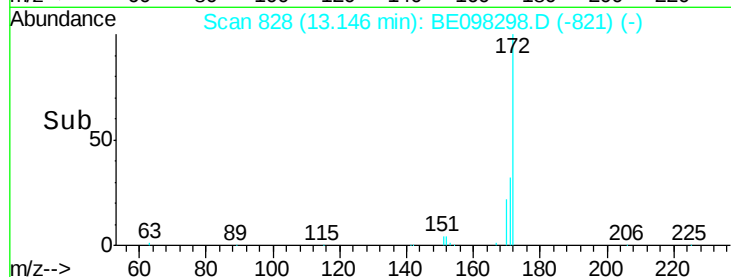
#15
 2-Fluorobiphenyl
 Concen: 3.102 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098298.D
 Acq: 10 Dec 2018 14:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:172 Resp: 58958
 Ion Ratio Lower Upper
 172 100
 171 32.5 27.5 41.3
 170 21.9 19.6 29.4

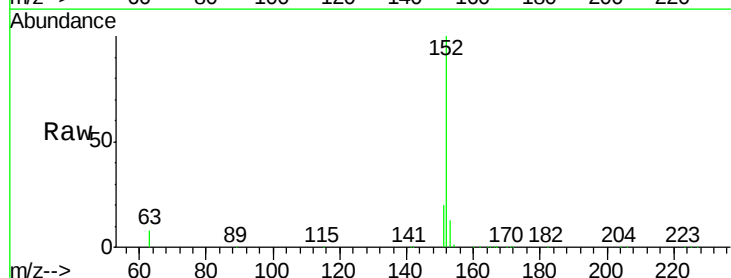


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

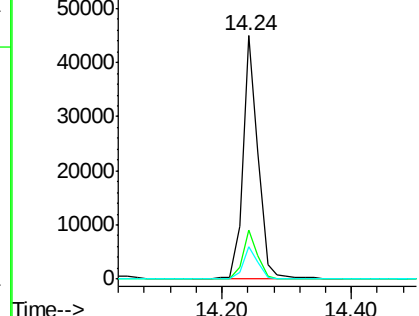
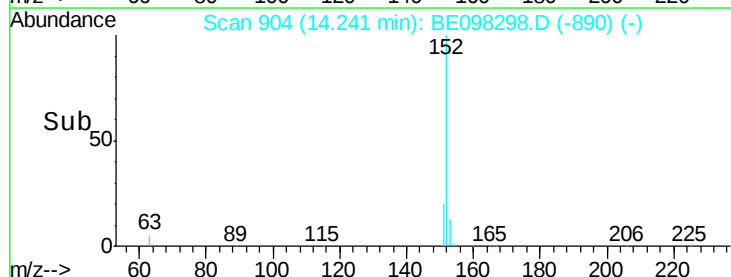


#16
 Acenaphthylene
 Concen: 3.360 ng
 RT: 14.24 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BE098298.D
 Acq: 10 Dec 2018 14:17

Tgt Ion:152 Resp: 71988
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.5 23.3
 153 13.0 10.6 16.0



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

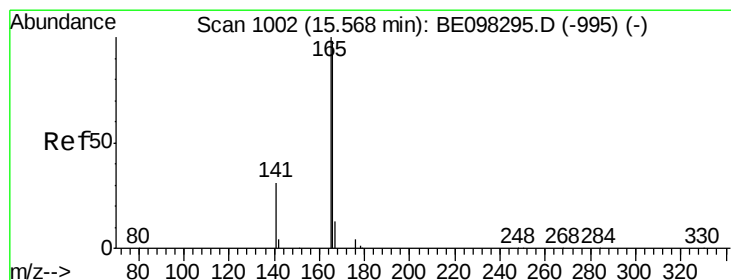
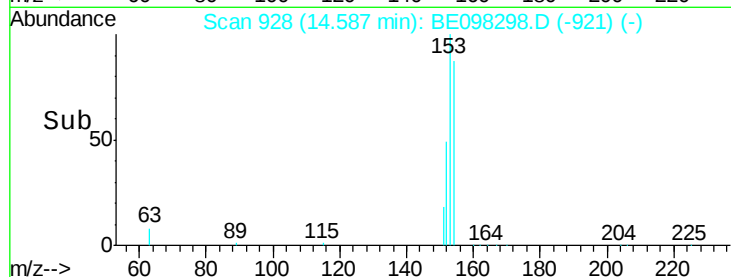
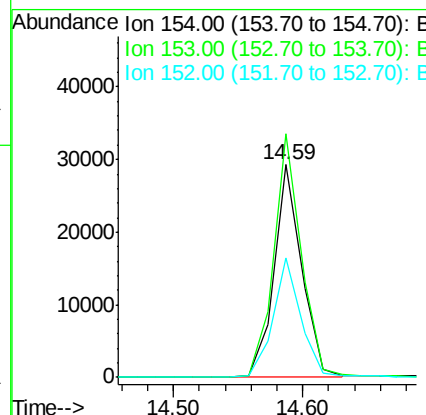
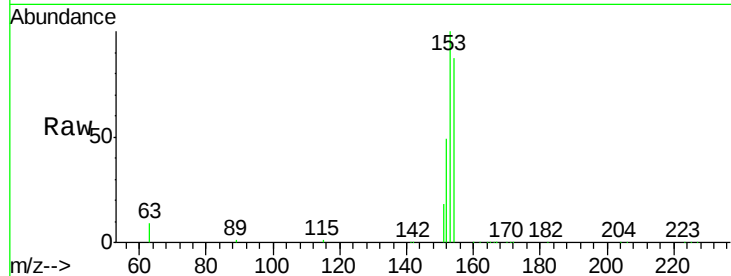




#17
Acenaphthene
Concen: 3.389 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

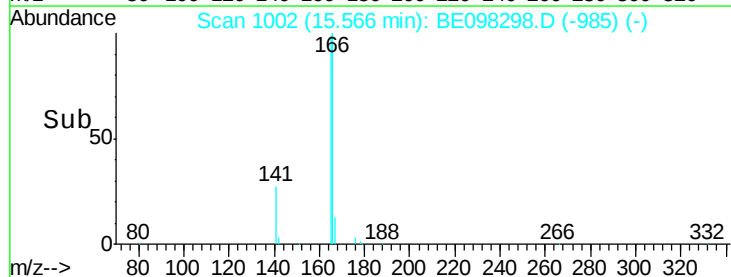
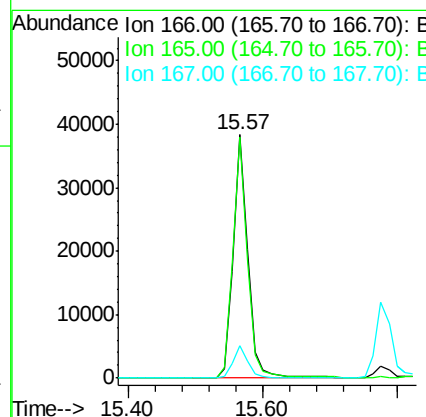
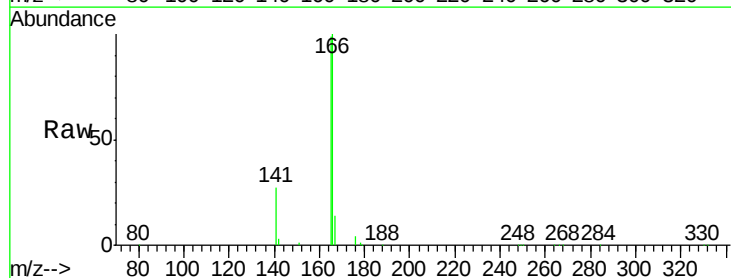
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 43264
Ion Ratio Lower Upper
154 100
153 114.2 91.8 137.6
152 55.9 45.5 68.3



#18
Fluorene
Concen: 3.488 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:166 Resp: 59047
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.4 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

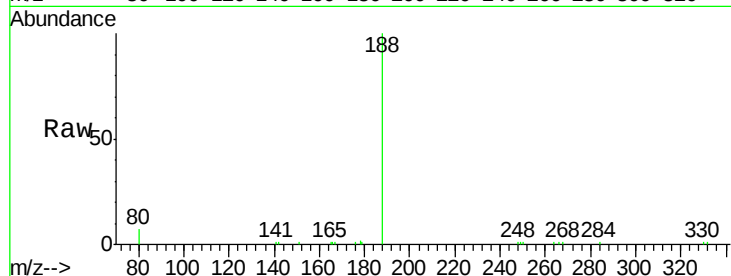
Tgt Ion:188 Resp: 12739

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

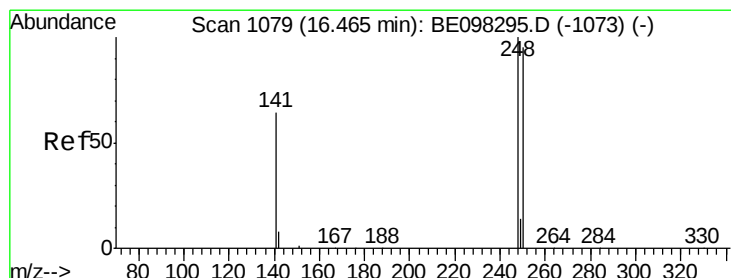
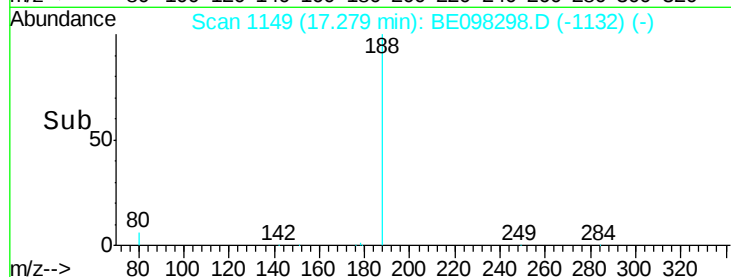
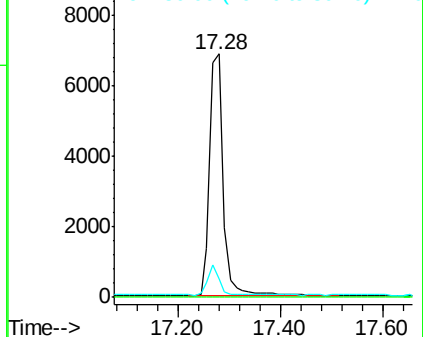
80 7.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.180 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

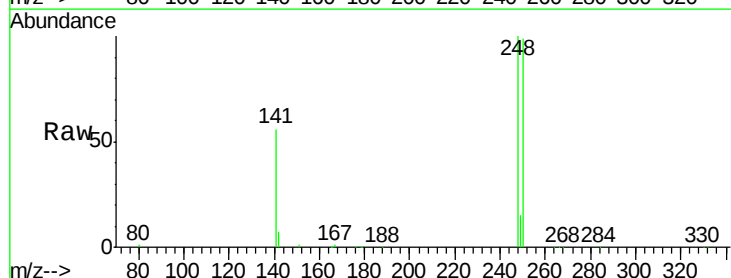
Tgt Ion:248 Resp: 22926

Ion Ratio Lower Upper

248 100

250 99.3 71.0 106.6

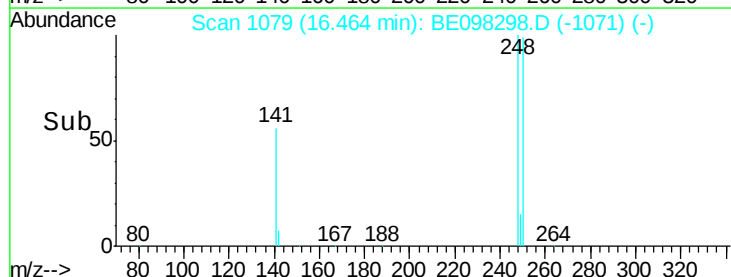
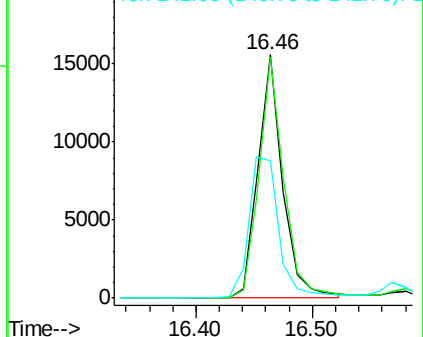
141 56.3 62.1 93.1#

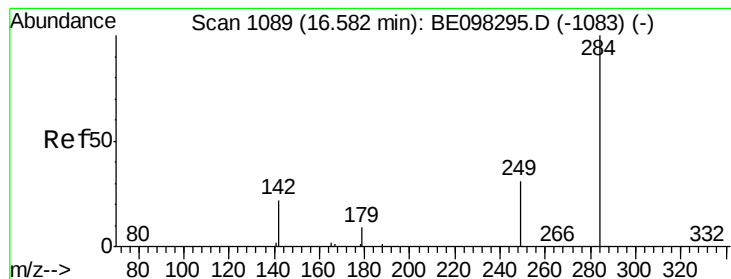


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.119 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

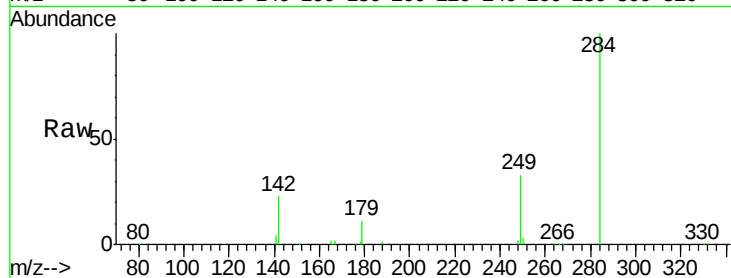
Tgt Ion:284 Resp: 23261

Ion Ratio Lower Upper

284 100

142 34.8 26.3 39.5

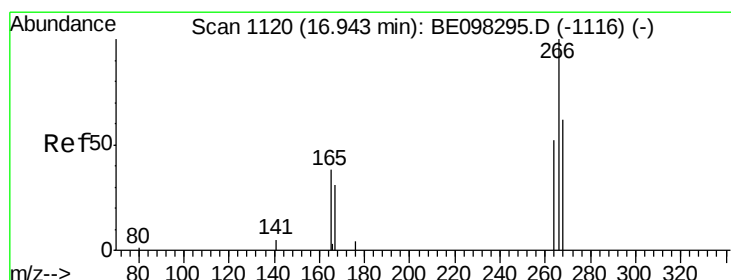
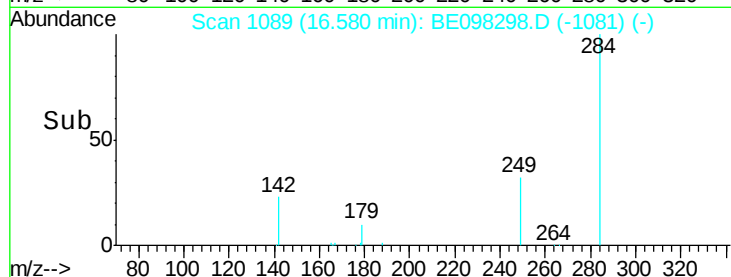
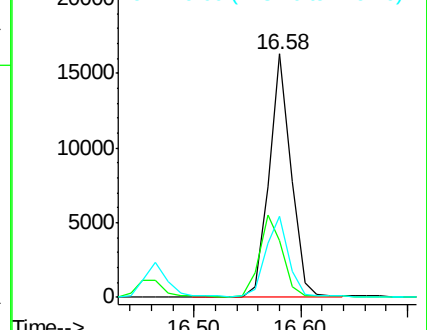
249 34.0 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 2.944 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

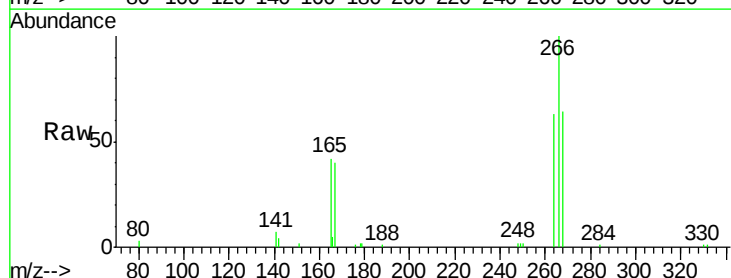
Tgt Ion:266 Resp: 7116

Ion Ratio Lower Upper

266 100

264 62.8 59.0 88.4

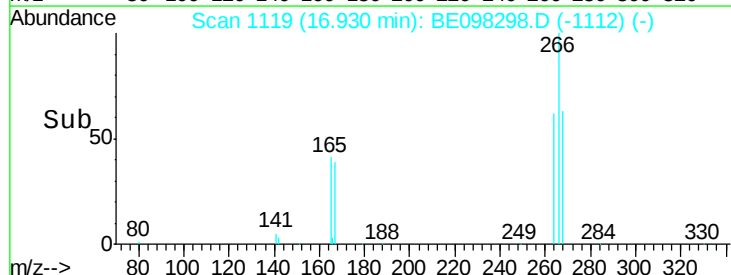
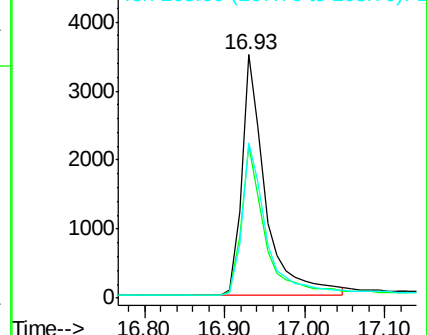
268 63.8 55.1 82.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.176 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

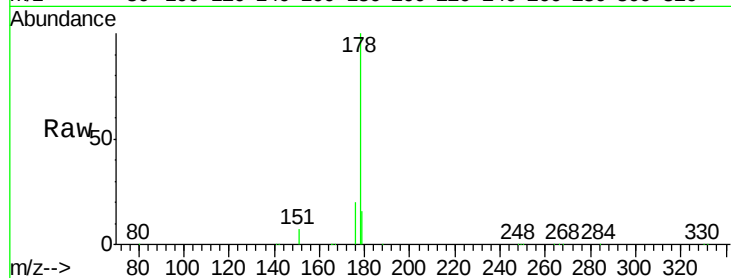
Tgt Ion:178 Resp: 100477

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

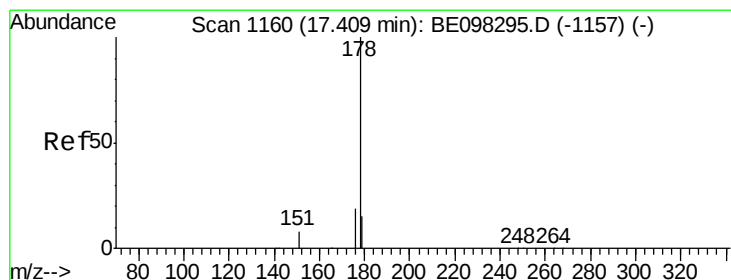
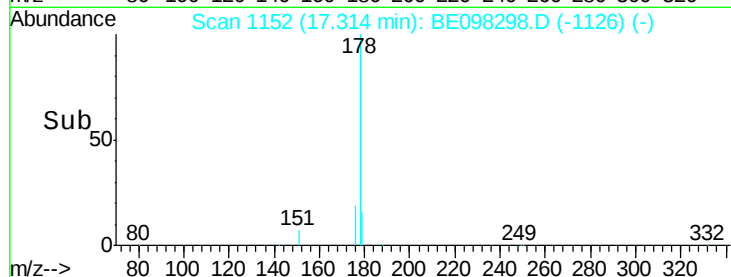
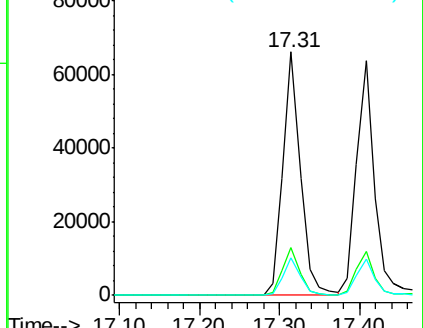
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.291 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

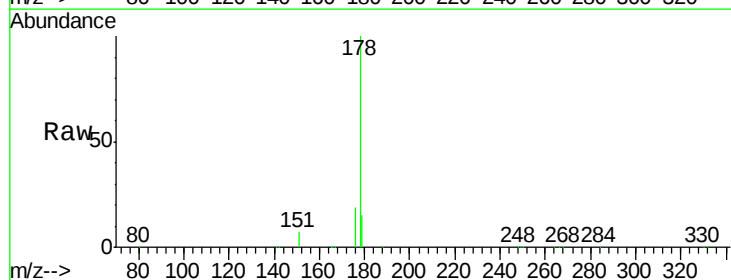
Tgt Ion:178 Resp: 96977

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

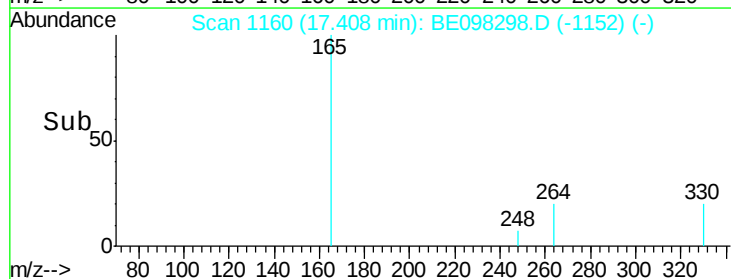
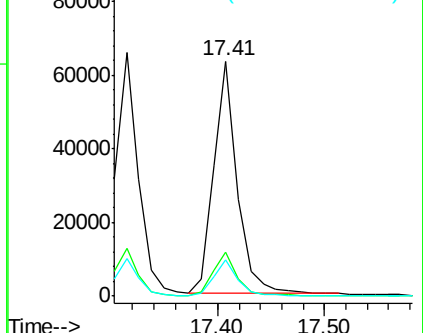
179 15.4 12.3 18.5

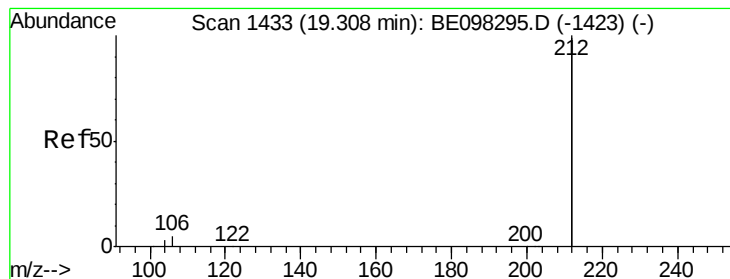


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.152 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

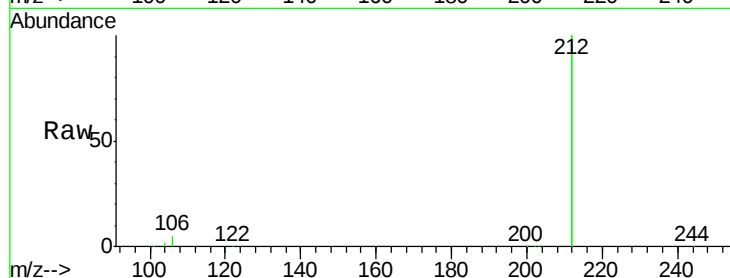
Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

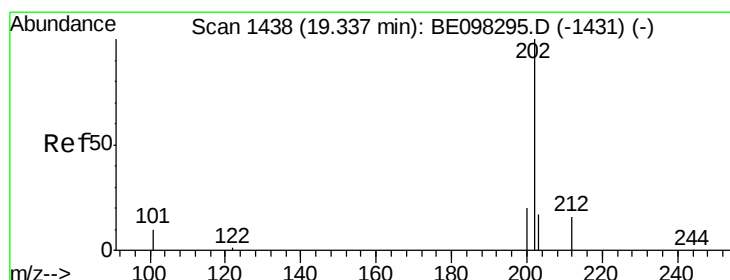
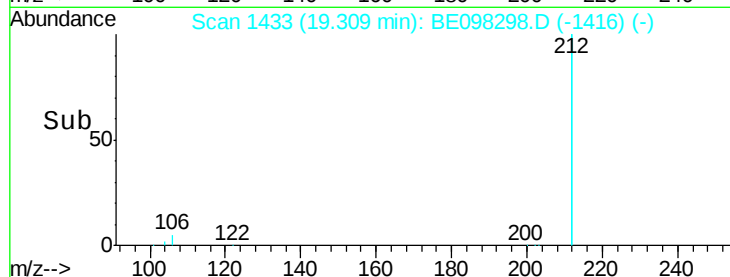
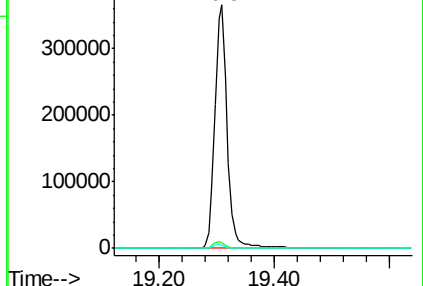
Tgt Ion:	212	Resp:	541775
Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.153 ng

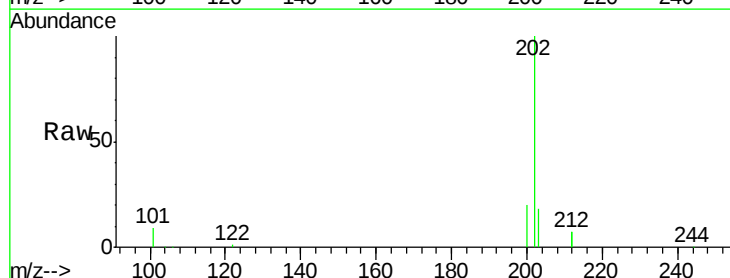
RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

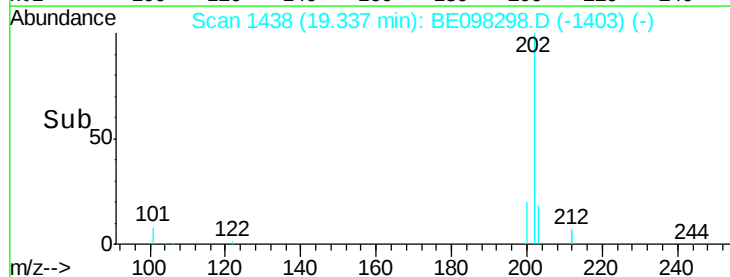
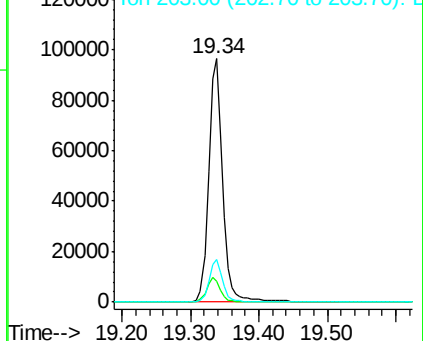
Tgt Ion:	202	Resp:	136156
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.1	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

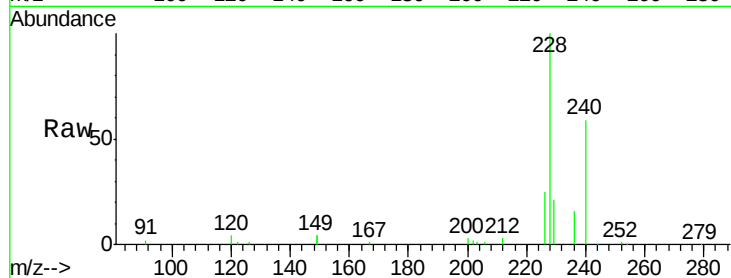
Tgt Ion:240 Resp: 13270

Ion Ratio Lower Upper

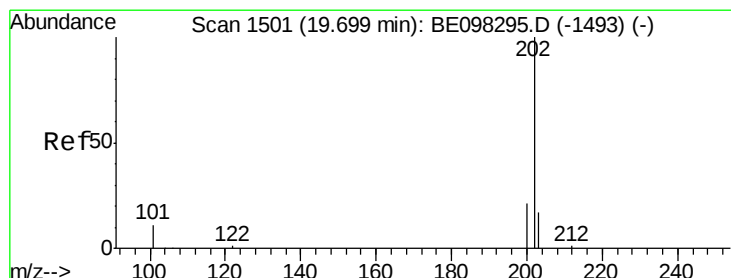
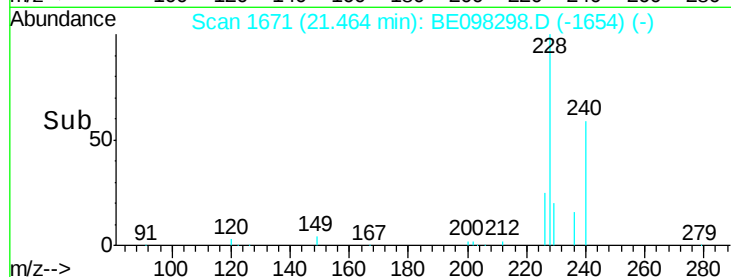
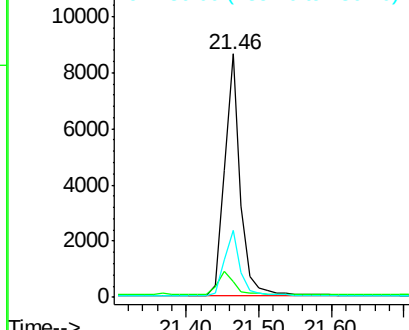
240 100

120 6.6 9.5 14.3#

236 27.3 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: 3.759 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

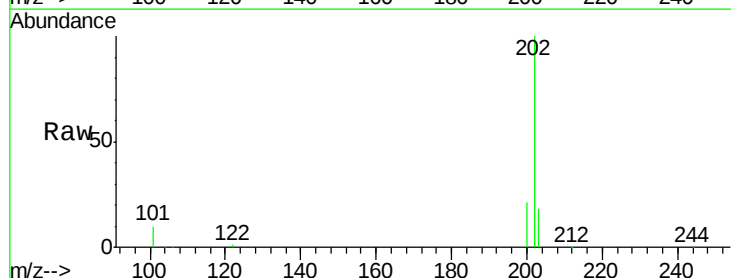
Tgt Ion:202 Resp: 138179

Ion Ratio Lower Upper

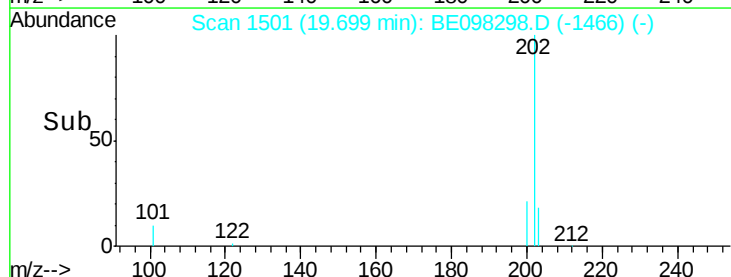
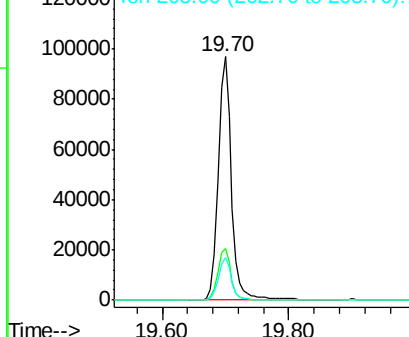
202 100

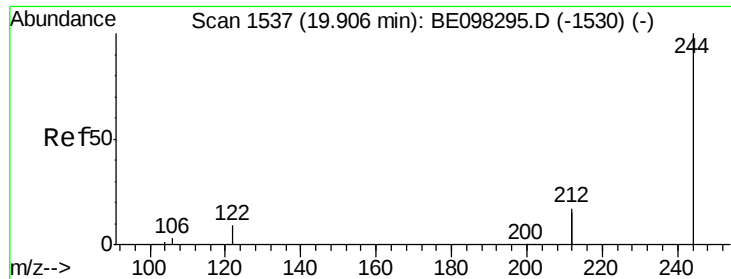
200 21.5 16.7 25.1

203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.565 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

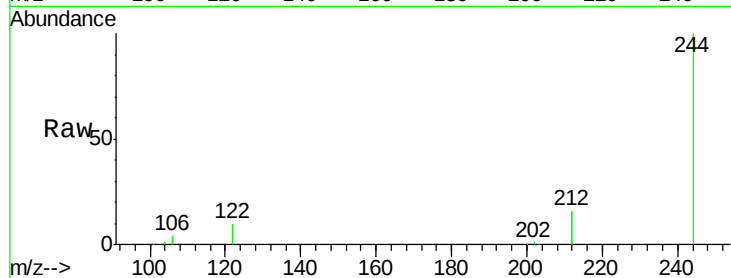
Tgt Ion:244 Resp: 106373

Ion Ratio Lower Upper

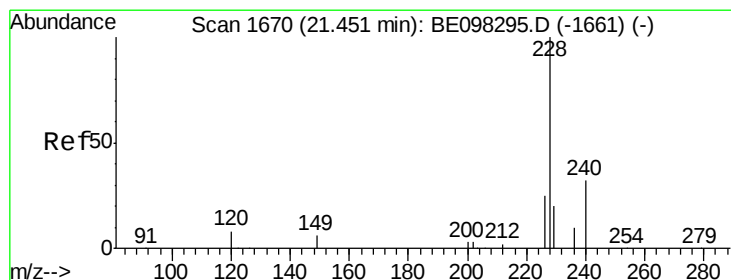
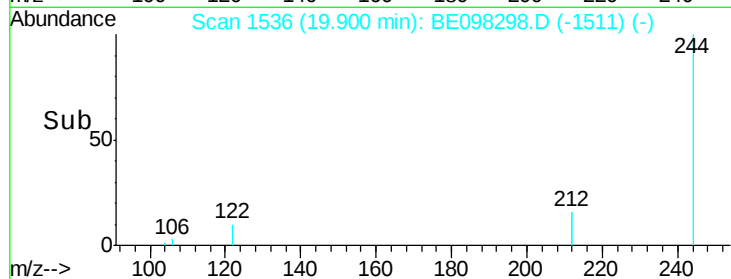
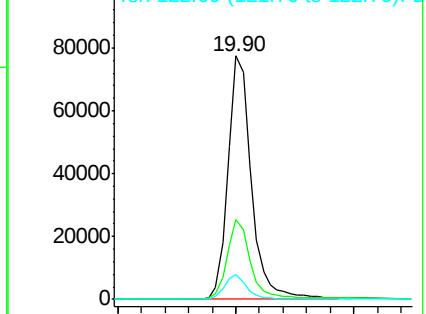
244 100

212 32.8 27.4 41.0

122 10.0 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.183 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

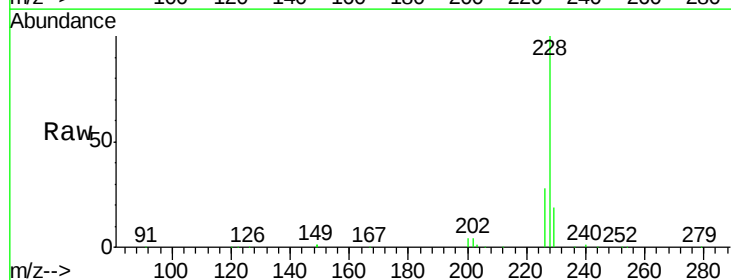
Tgt Ion:228 Resp: 124398

Ion Ratio Lower Upper

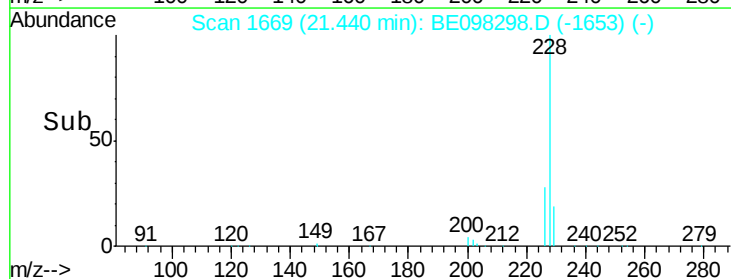
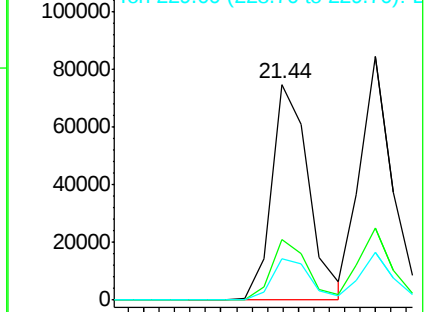
228 100

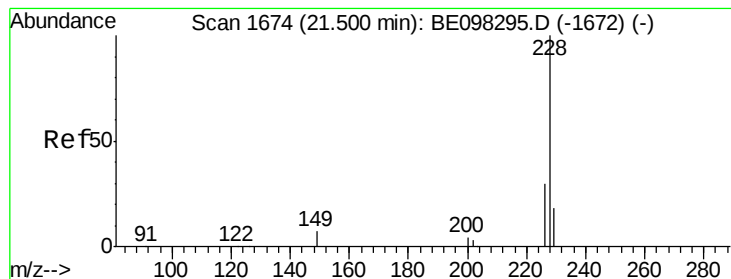
226 28.1 21.8 32.8

229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.123 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

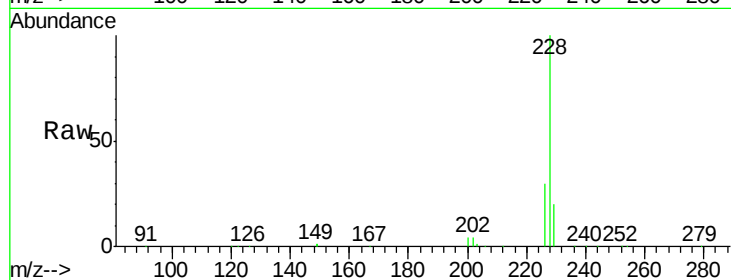
Tgt Ion:228 Resp: 123960

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

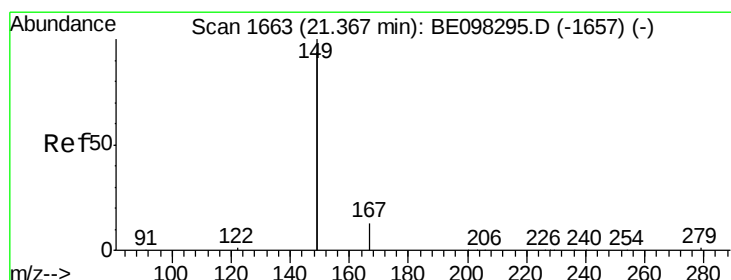
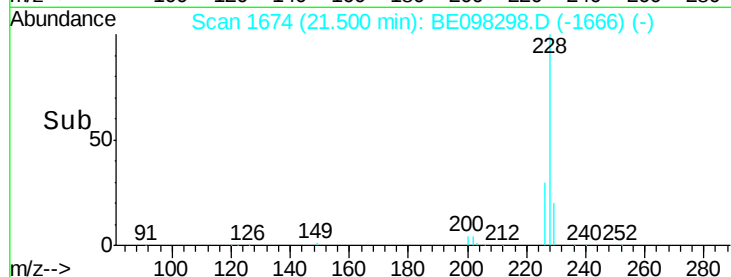
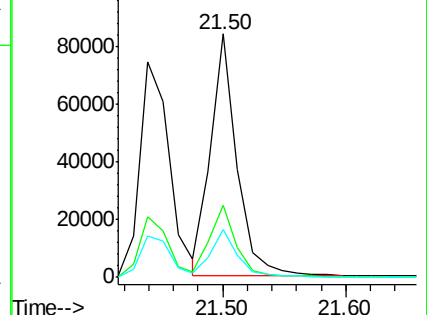
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.840 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

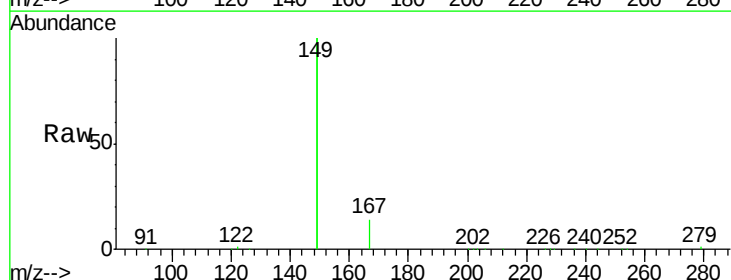
Tgt Ion:149 Resp: 265768

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

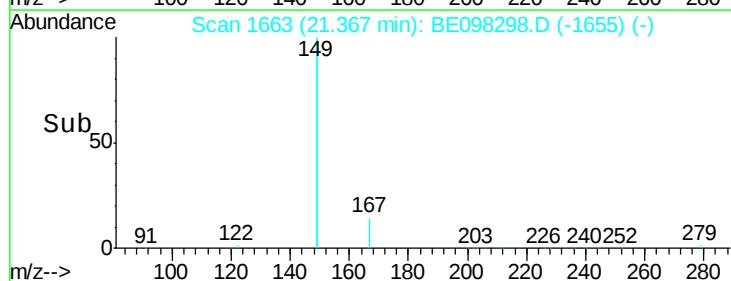
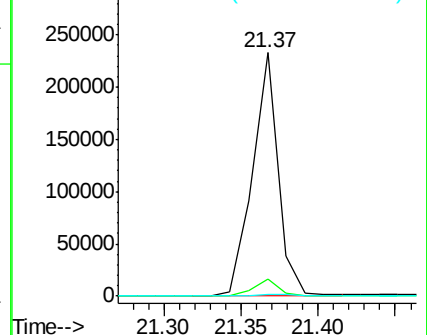
279 1.0 1.0 1.4



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

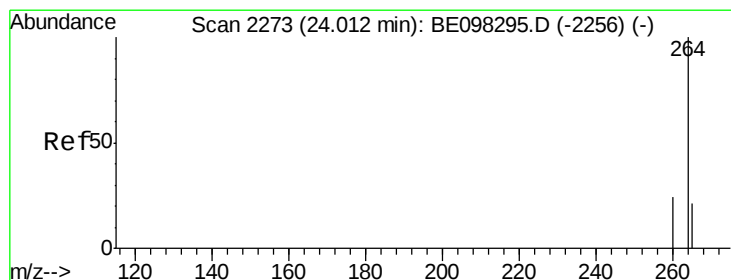
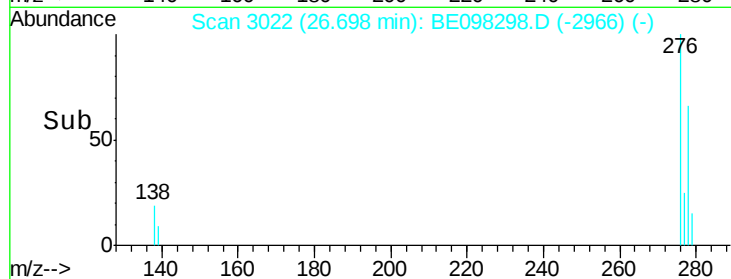
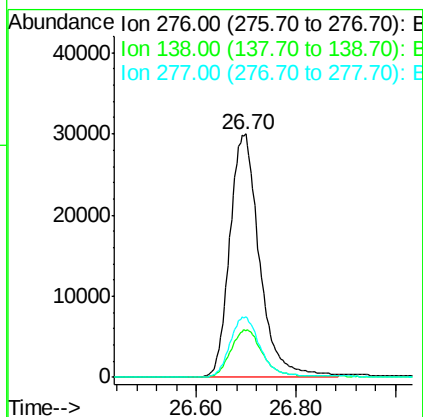
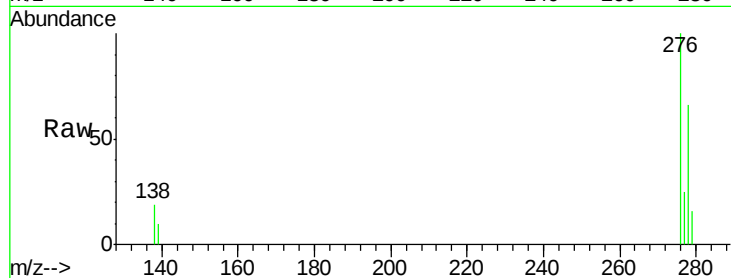




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.093 ng
 RT: 26.70 min Scan# 3022
 Delta R.T. 0.00 min
 Lab File: BE098298.D
 Acq: 10 Dec 2018 14:17

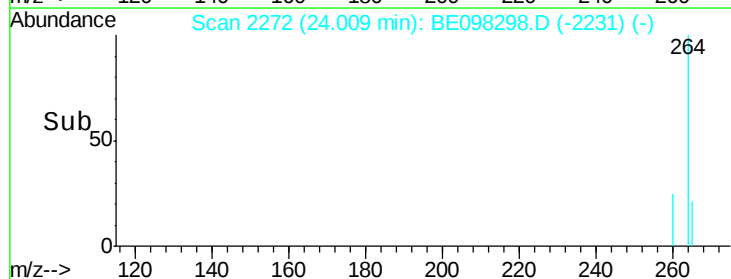
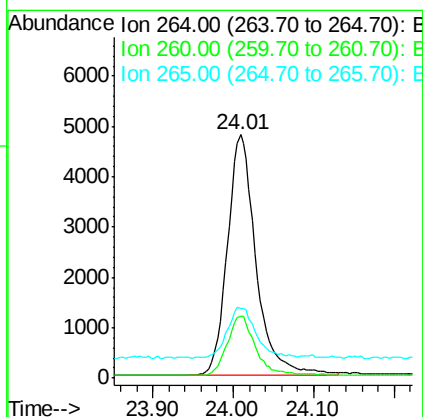
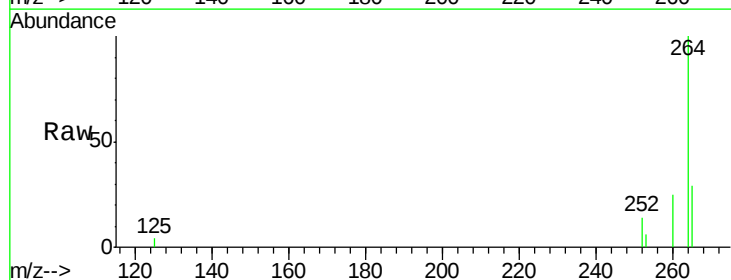
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion: 276 Resp: 124120
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.3 24.5
 277 25.0 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098298.D
 Acq: 10 Dec 2018 14:17

Tgt Ion: 264 Resp: 11714
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 28.8 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 3.099 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

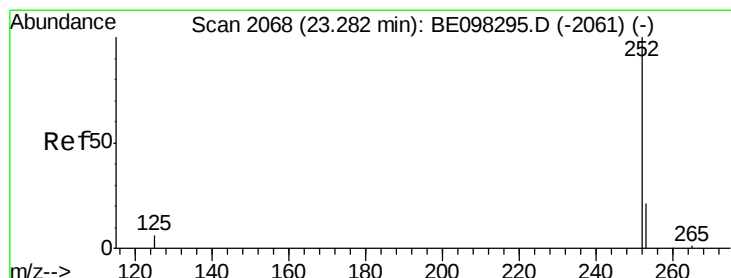
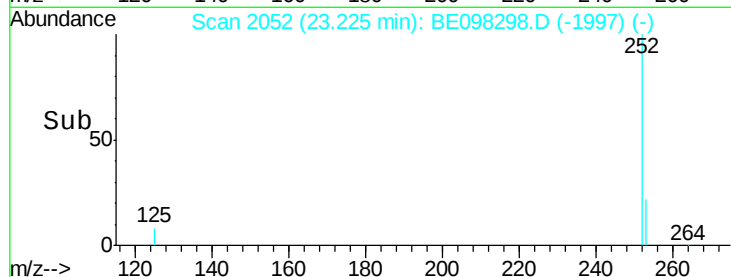
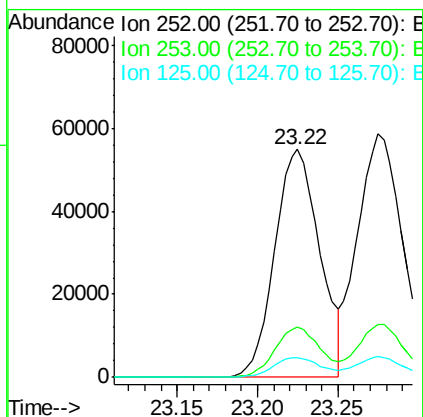
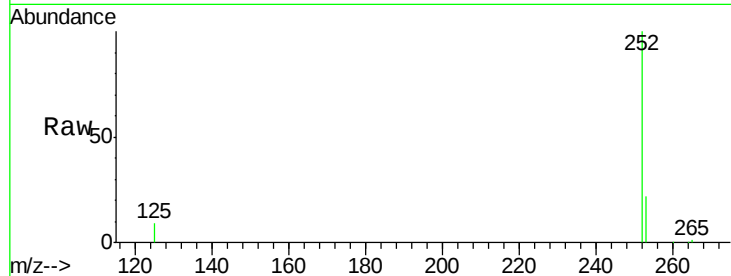
Tgt Ion:252 Resp: 106429

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

125 8.5 9.6 14.4#



#36

Benzo(k)fluoranthene

Concen: 3.424 ng

RT: 23.27 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

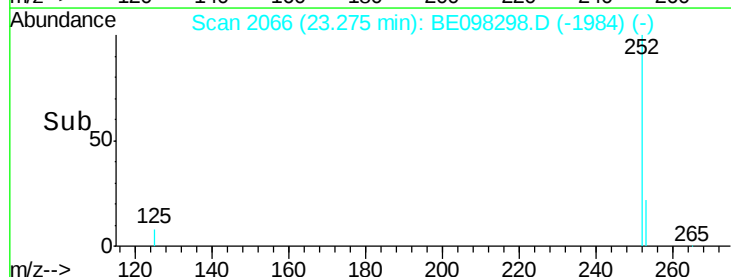
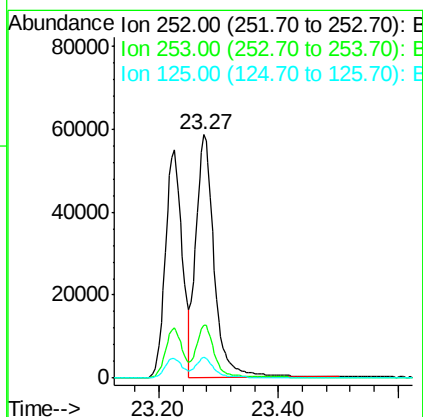
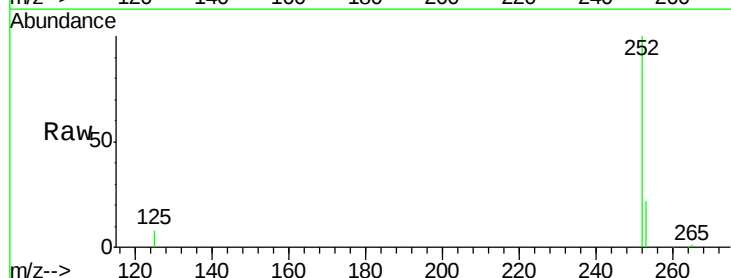
Tgt Ion:252 Resp: 123474

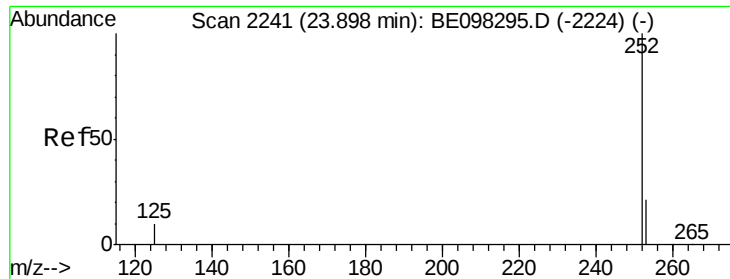
Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

125 8.4 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 3.258 ng

RT: 23.89 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

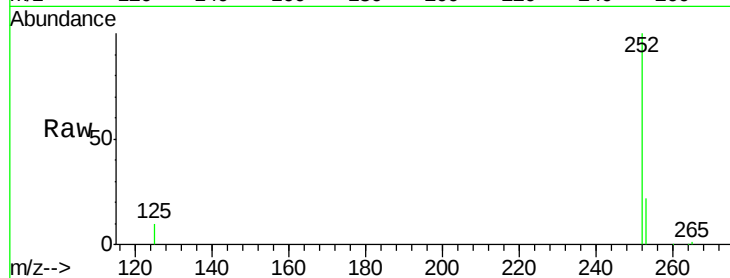
Tgt Ion: 252 Resp: 107773

Ion Ratio Lower Upper

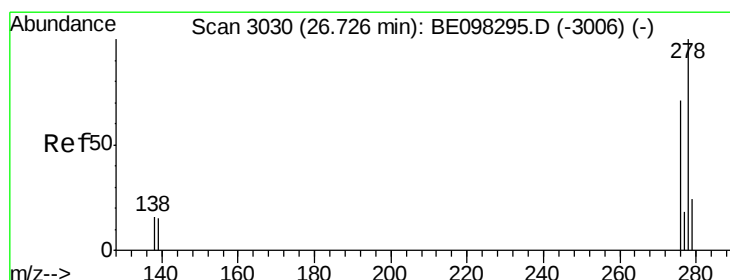
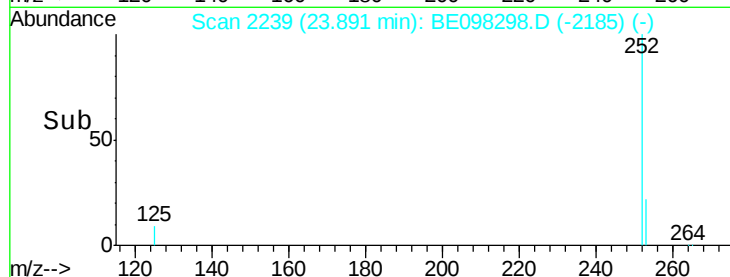
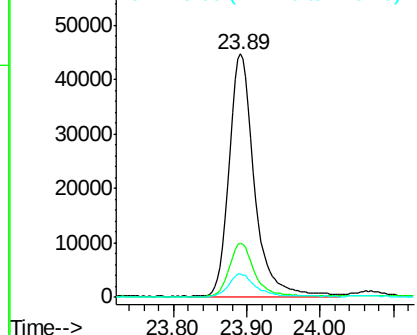
252 100

253 22.0 20.6 30.8

125 9.5 10.5 15.7#



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



#38

Dibenzo(a,h)anthracene

Concen: 3.313 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.01 min

Lab File: BE098298.D

Acq: 10 Dec 2018 14:17

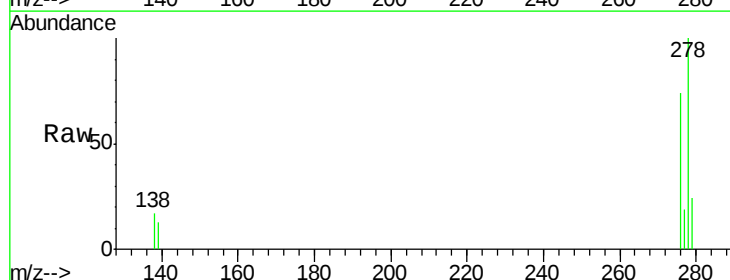
Tgt Ion: 278 Resp: 103923

Ion Ratio Lower Upper

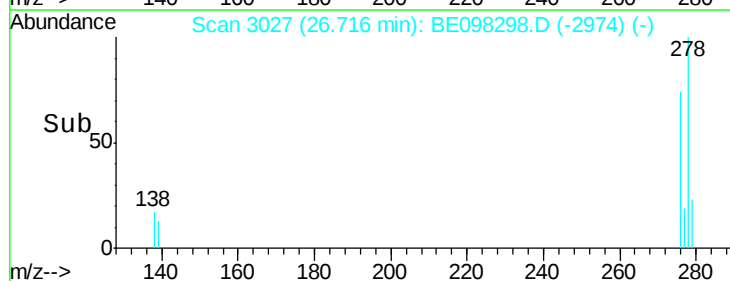
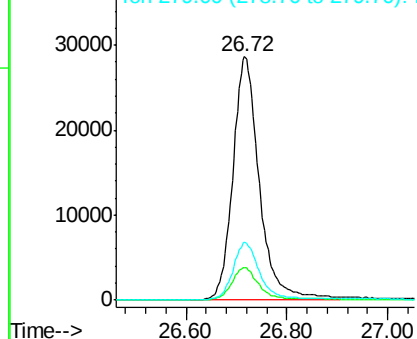
278 100

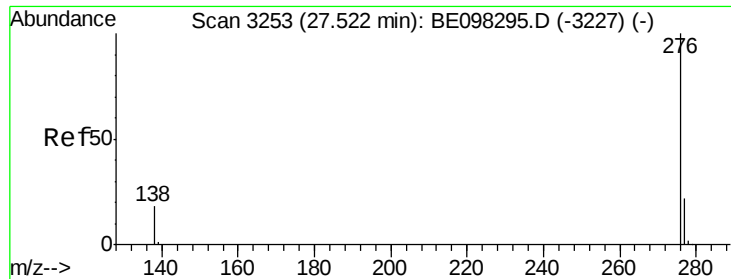
139 13.3 14.5 21.7#

279 23.7 21.8 32.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 3.286 ng

RT: 27.52 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098298.D

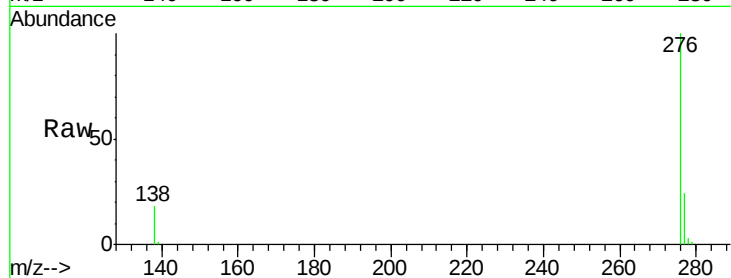
Acq: 10 Dec 2018 14:17

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



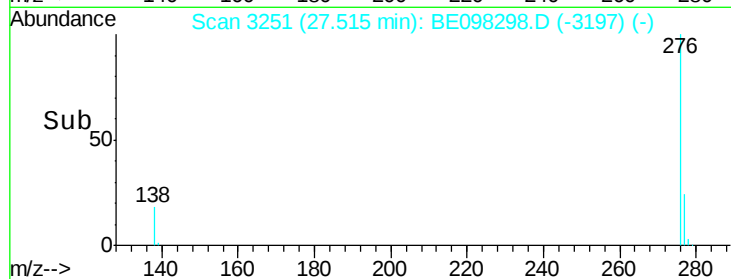
Tgt Ion: 276 Resp: 103283

Ion Ratio Lower Upper

276 100

277 24.0 20.8 31.2

138 17.9 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

