

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098140.D
 Acq On : 1 Nov 2018 11:08
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

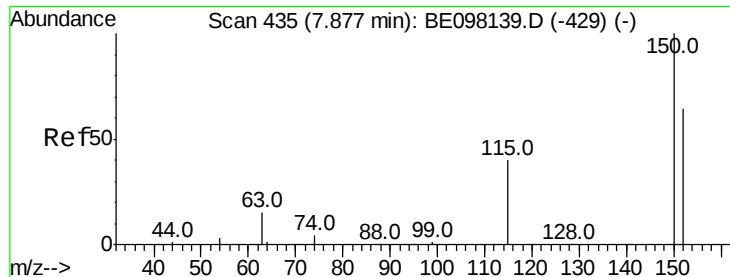
Quant Time: Nov 01 11:47:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 11:18:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	920	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4352	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2846	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7144	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9115	0.40	ng	0.00
34) Perylene-d12	24.01	264	8926	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2048	0.74	ng	0.00
5) Phenol-d6	7.04	99	3360	0.72	ng	0.00
8) Nitrobenzene-d5	9.02	82	3672	0.79	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	6000	0.78	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1091	0.76	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	9326	0.81	ng	0.00
25) Fluoranthene-d10	19.31	212	75858	0.83	ng	0.00
29) Terphenyl-d14	19.91	244	16261	0.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1052	0.743	ng	97
3) n-Nitrosodimethylamine	3.69	42	1509	0.799	ng	# 78
6) bis(2-Chloroethyl)ether	7.28	93	2493	0.767	ng	91
9) Naphthalene	10.72	128	34143	0.790	ng	100
10) Hexachlorobutadiene	11.00	225	2284	0.779	ng	96
12) 2-Methylnaphthalene	12.34	142	6198	0.793	ng	# 92
16) Acenaphthylene	14.25	152	10526	0.817	ng	99
17) Acenaphthene	14.60	154	6070	0.779	ng	97
18) Fluorene	15.58	166	8353	0.795	ng	97
20) 4-Bromophenyl-phenylether	16.48	248	3406	0.790	ng	# 85
21) Hexachlorobenzene	16.59	284	3460	0.769	ng	97
22) Pentachlorophenol	16.94	266	764	2.039	ng	95
23) Phenanthrene	17.33	178	13857	0.790	ng	99
24) Anthracene	17.41	178	13232	0.769	ng	99
26) Fluoranthene	19.34	202	18422	0.843	ng	96
28) Pyrene	19.70	202	19224	0.764	ng	100
30) Benzo(a)anthracene	21.45	228	21222	0.788	ng	98
31) Chrysene	21.50	228	20942	0.800	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	56794	0.888	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	21801	0.763	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	20017	0.808	ng	# 87
36) Benzo(k)fluoranthene	23.28	252	20428	0.793	ng	# 86
37) Benzo(a)pyrene	23.90	252	19141	0.786	ng	# 87
38) Dibenzo(a,h)anthracene	26.73	278	18546	0.781	ng	# 90
39) Benzo(g,h,i)perylene	27.53	276	18068	0.768	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

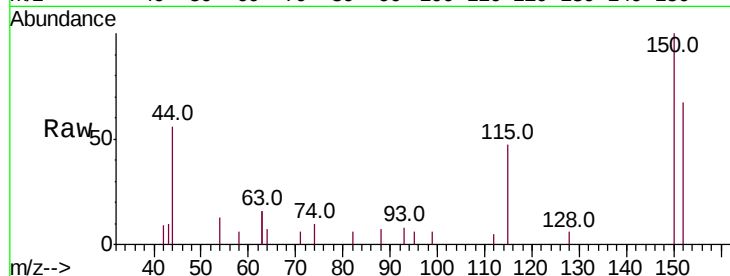
Tot Ion:152 Resp: 920

Ion Ratio Lower Upper

152 100

150 150.3 118.2 177.4

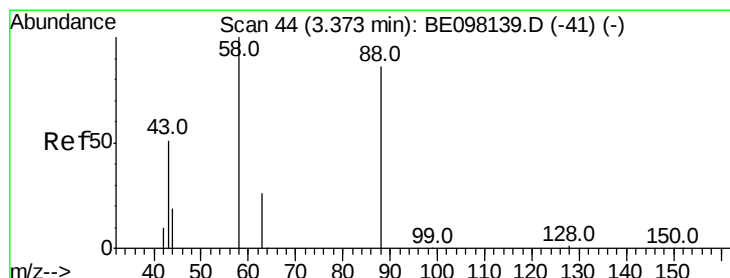
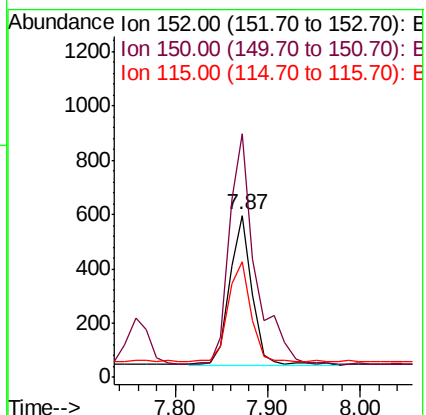
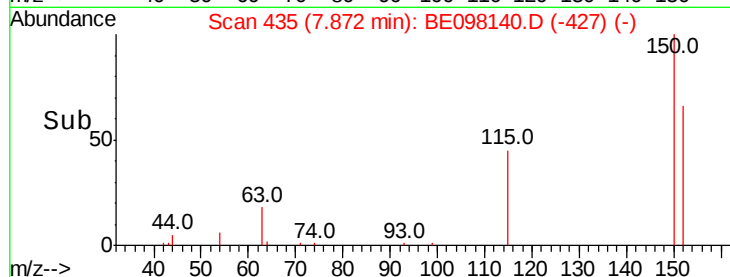
115 71.0 50.9 76.3



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: 0.743 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

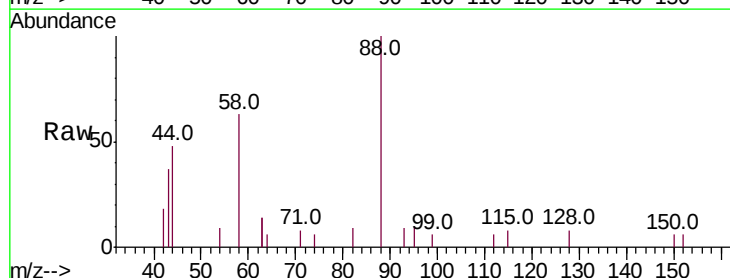
Tgt Ion: 88 Resp: 1052

Ion Ratio Lower Upper

88 100

58 93.6 73.2 109.8

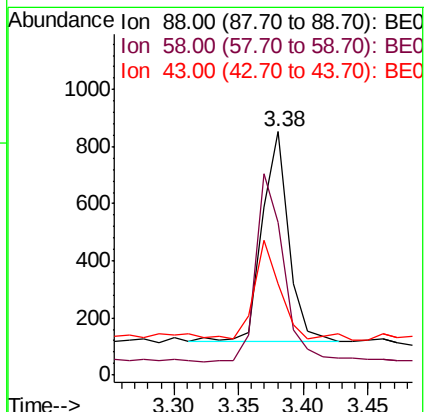
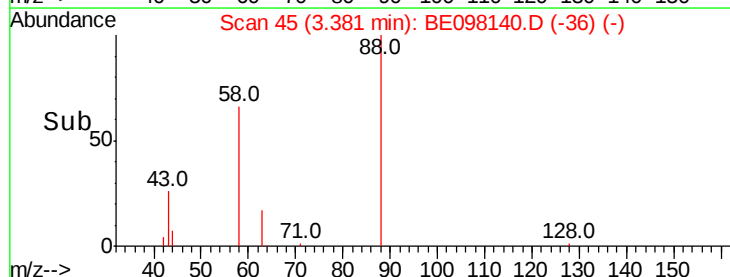
43 44.0 36.9 55.3

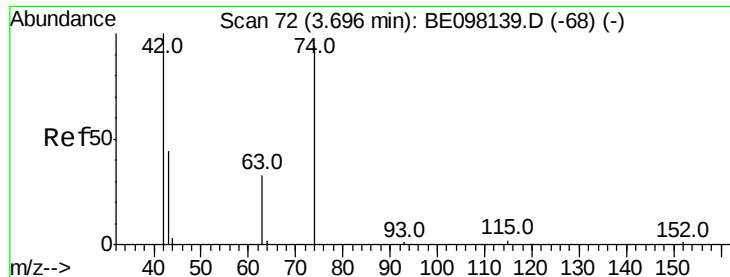


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.799 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

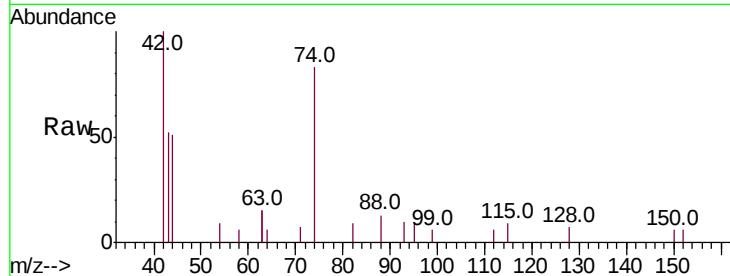
Tot Ion: 42 Resp: 1509

Ion Ratio Lower Upper

42 100

74 74.0 77.6 116.4#

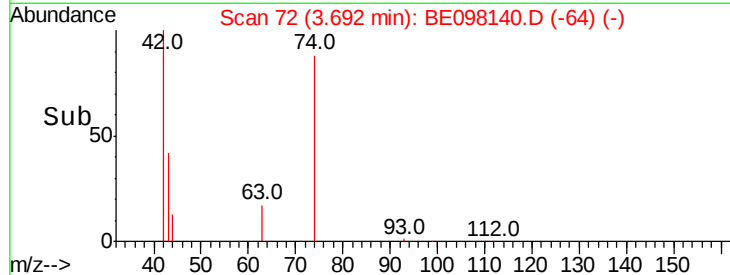
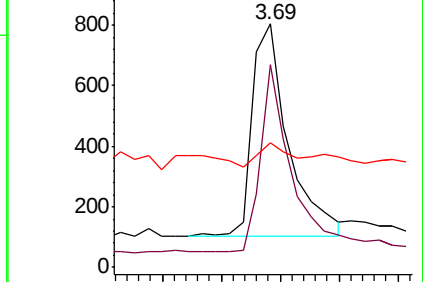
44 10.8 7.6 11.4



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: 0.735 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

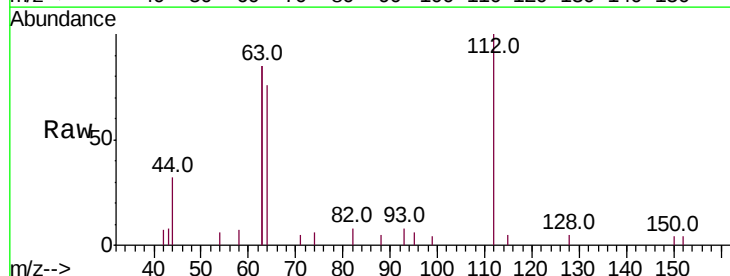
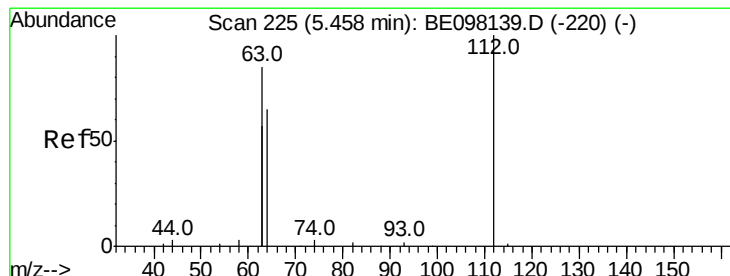
Tgt Ion: 112 Resp: 2048

Ion Ratio Lower Upper

112 100

64 79.5 58.9 88.3

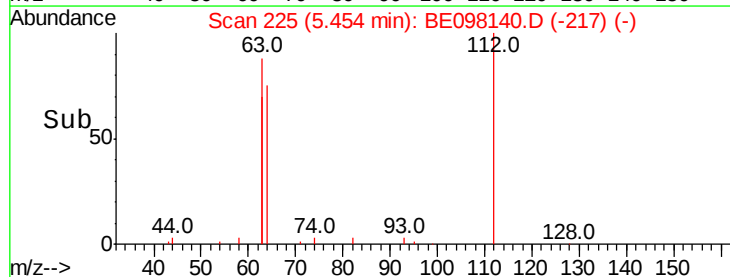
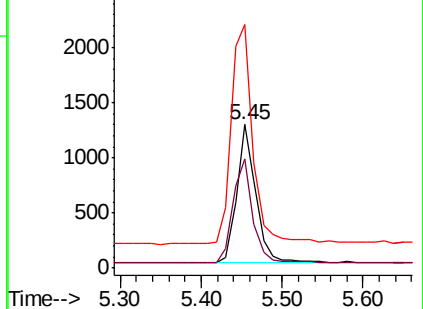
63 178.6 120.3 180.5

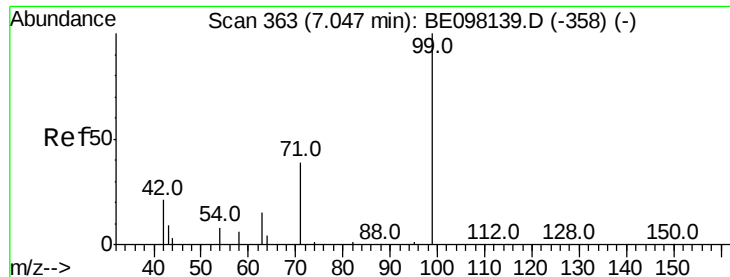


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.724 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

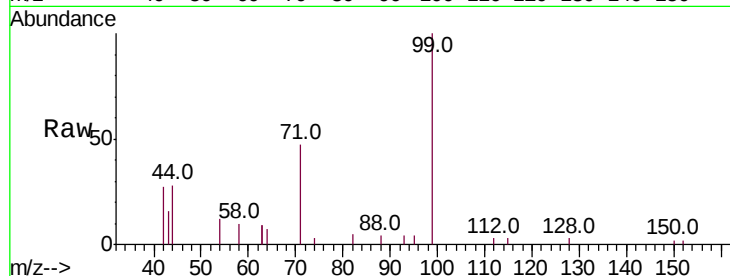
Tot Ion: 99 Resp: 3360

Ion Ratio Lower Upper

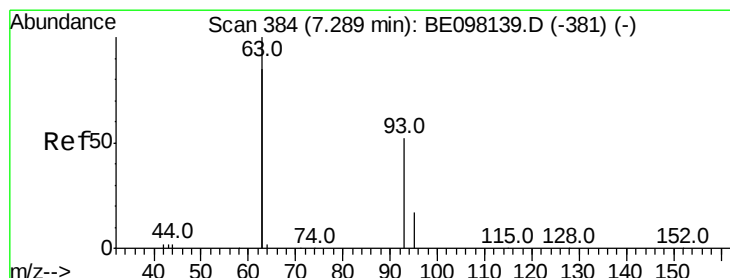
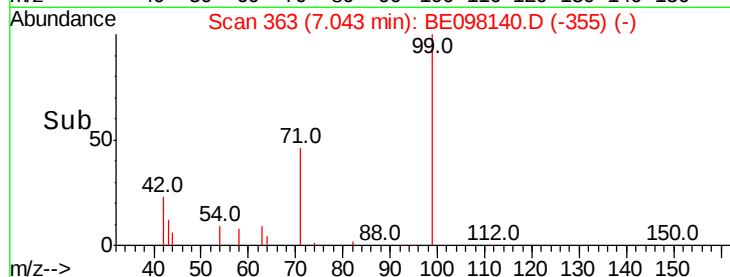
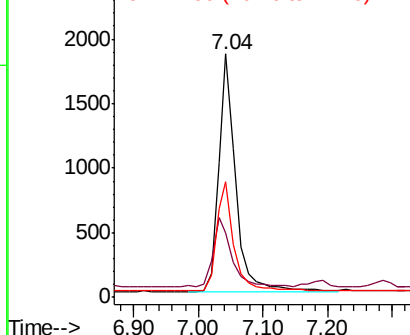
99 100

42 32.6 19.9 29.9#

71 47.8 27.8 41.8#



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: 0.767 ng

RT: 7.28 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

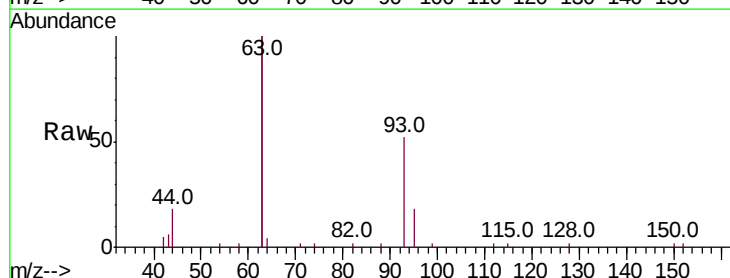
Tgt Ion: 93 Resp: 2493

Ion Ratio Lower Upper

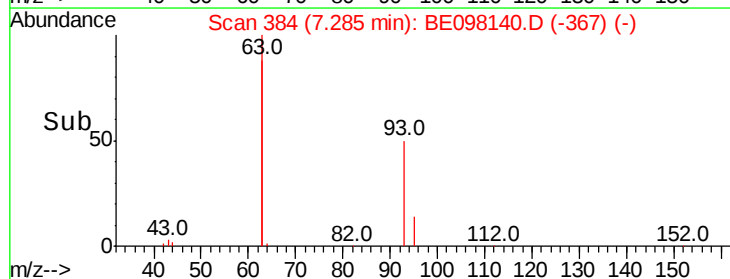
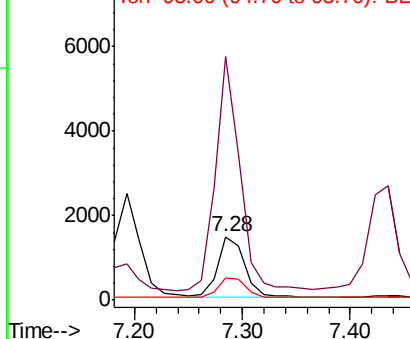
93 100

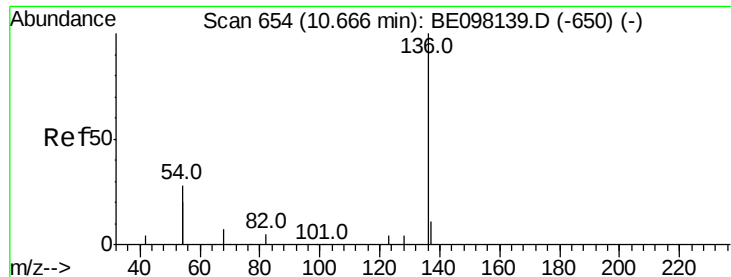
63 344.8 259.0 388.4

95 34.0 27.8 41.8



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: 10.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 4352

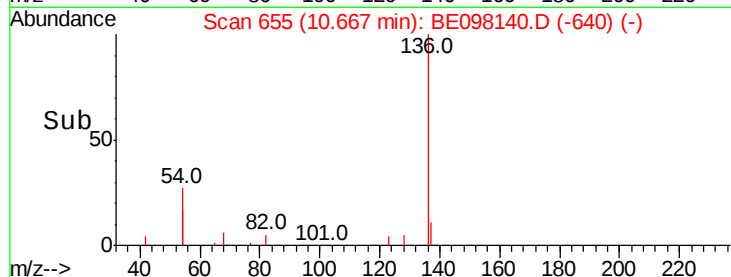
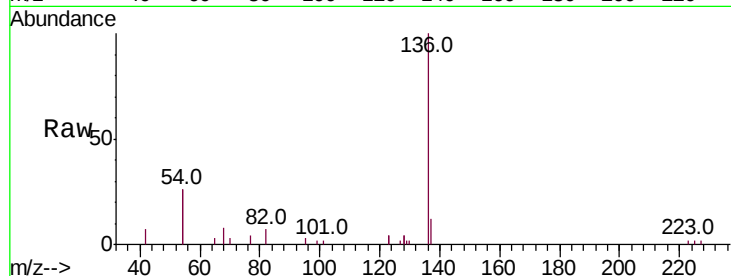
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 52.8 27.7 41.5#

68 8.4 5.3 7.9#

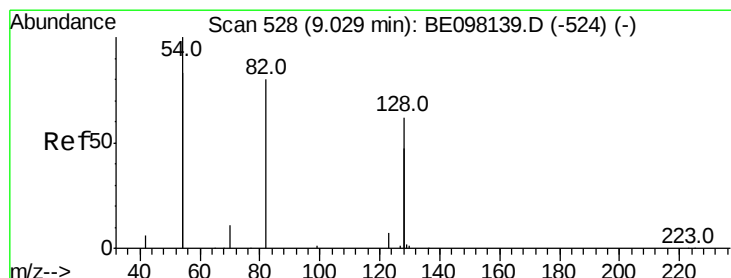
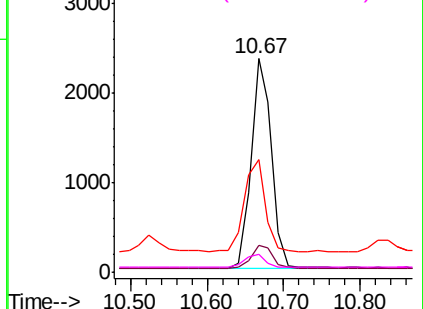


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.794 ng

RT: 9.02 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

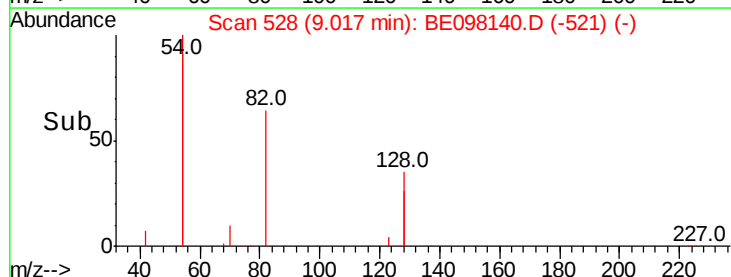
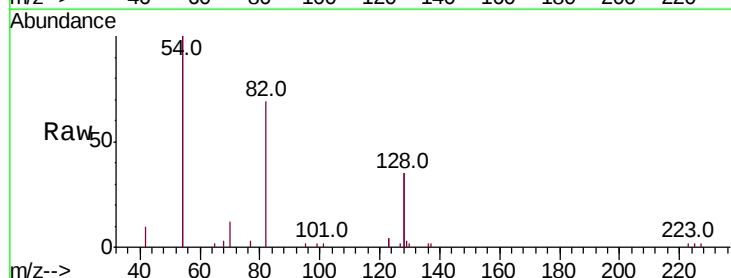
Tgt Ion: 82 Resp: 3672

Ion Ratio Lower Upper

82 100

128 101.6 129.9 194.9#

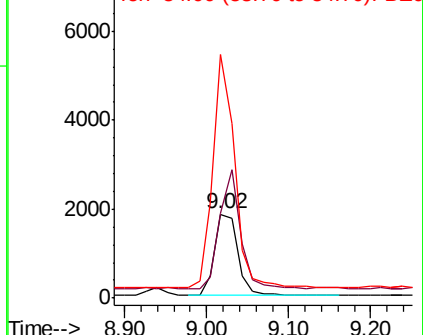
54 291.2 174.0 261.0#

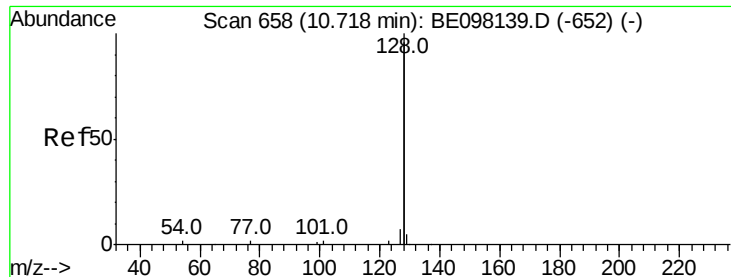


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.790 ng

RT: 10.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

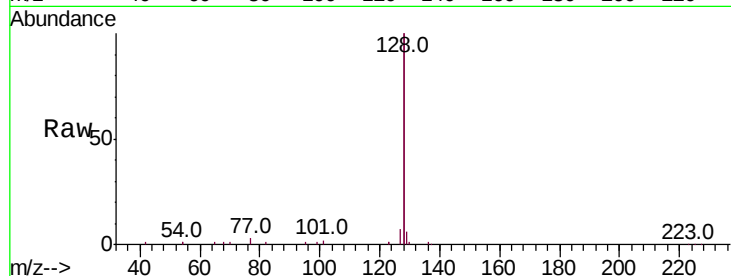
Tot Ion:128 Resp: 34143

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

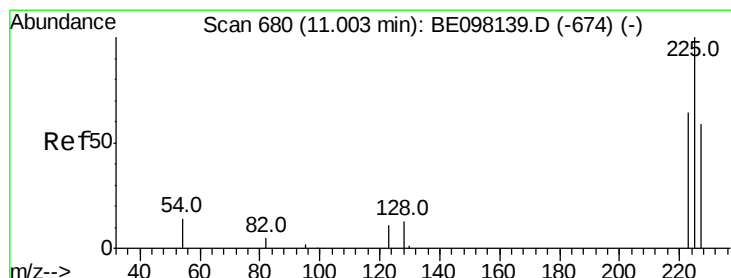
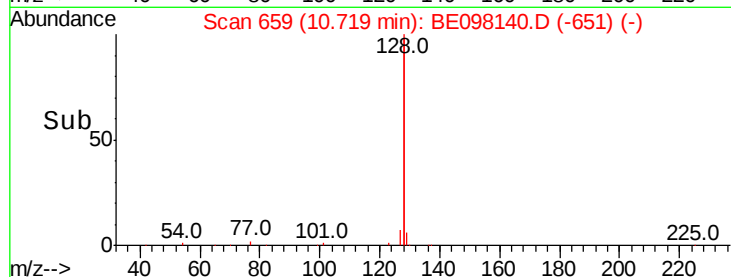
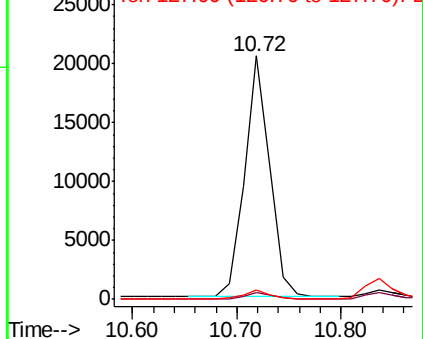
127 3.6 2.8 4.2



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: 0.779 ng

RT: 11.00 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

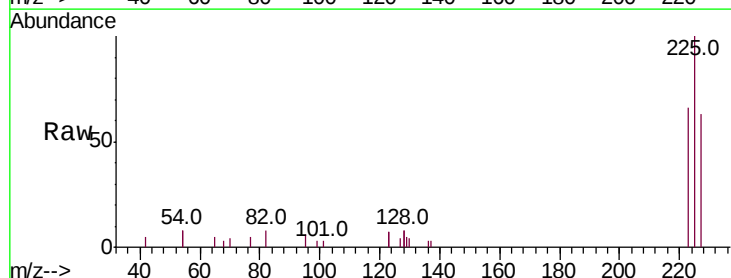
Tgt Ion:225 Resp: 2284

Ion Ratio Lower Upper

225 100

223 62.8 51.8 77.8

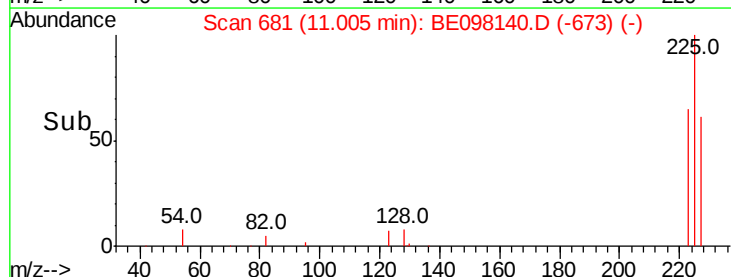
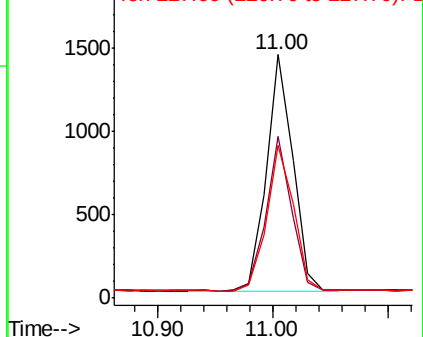
227 62.6 53.0 79.6

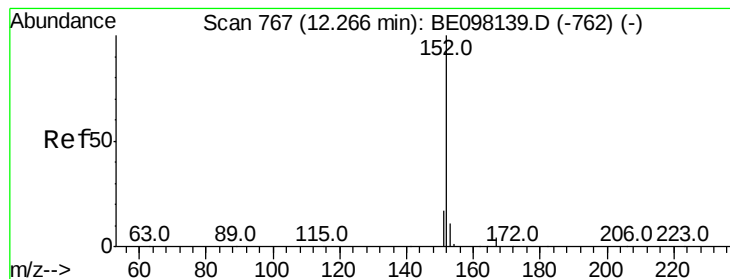


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.777 ng

RT: 12.27 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

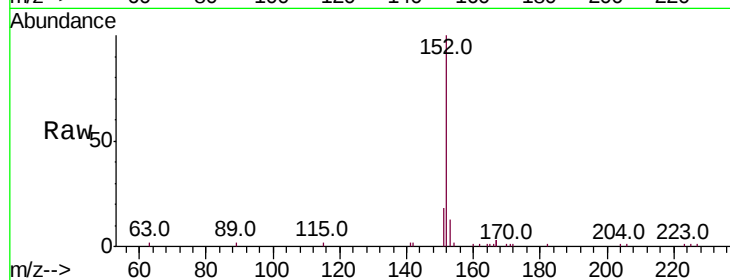
SSTDIC0.8

Tot Ion:152 Resp: 6000

Ion Ratio Lower Upper

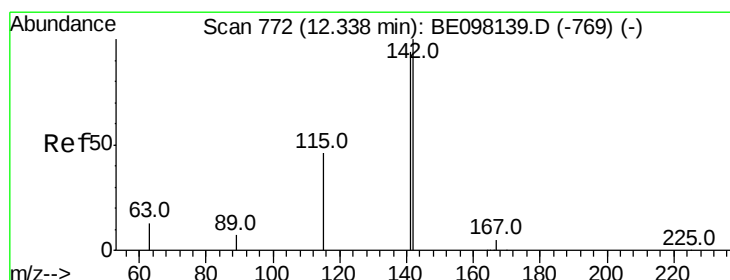
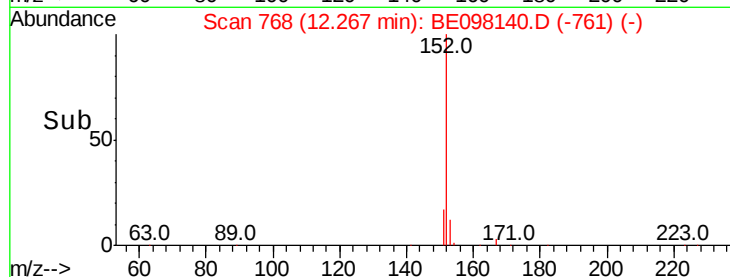
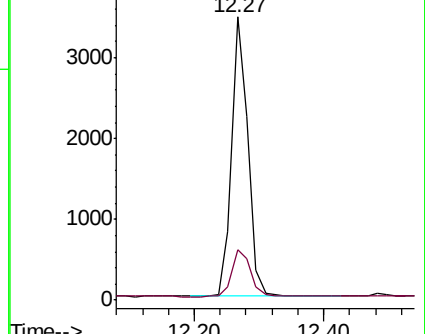
152 100

151 19.4 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: 0.793 ng

RT: 12.34 min Scan# 773

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

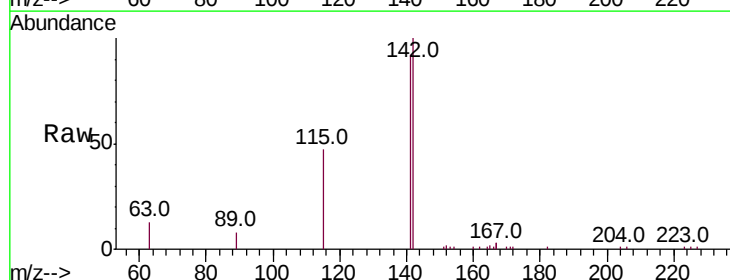
Tgt Ion:142 Resp: 6198

Ion Ratio Lower Upper

142 100

141 91.9 69.8 104.6

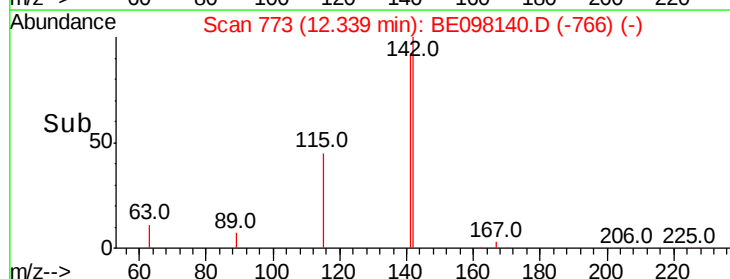
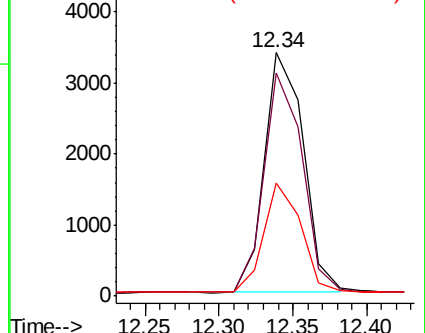
115 46.5 30.5 45.7#

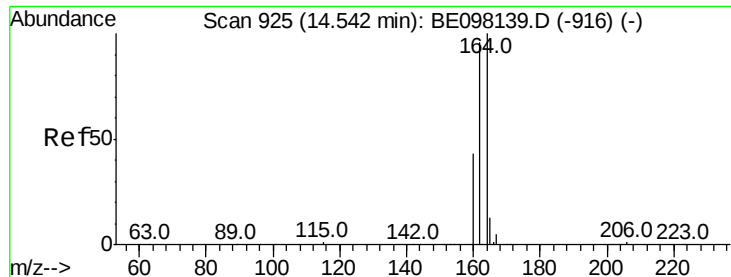


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

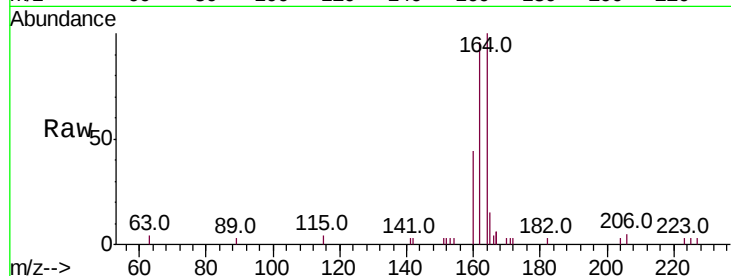




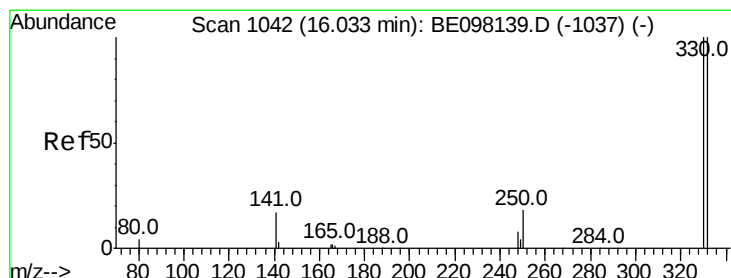
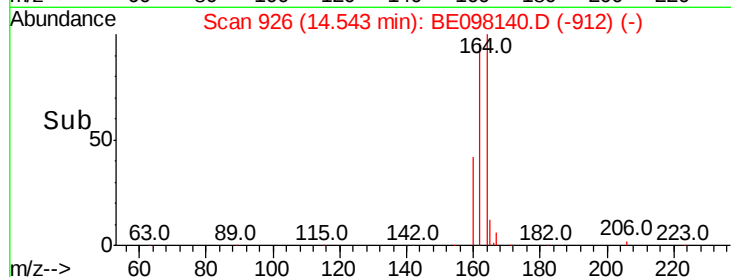
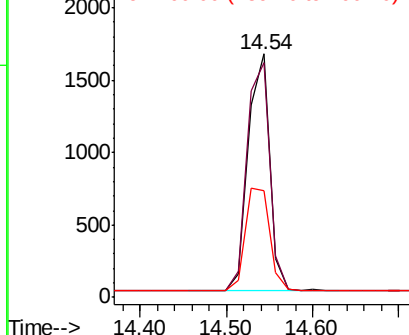
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:164 Resp: 2846
Ion Ratio Lower Upper
164 100
162 96.1 77.4 116.2
160 43.9 36.5 54.7

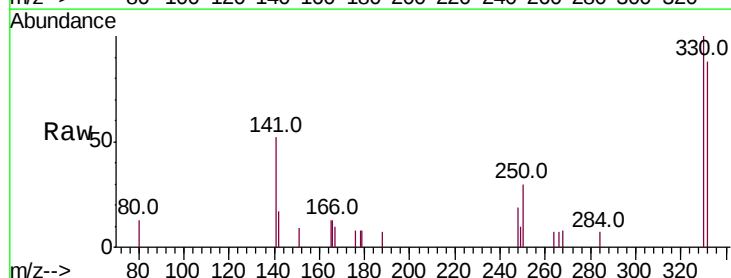


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

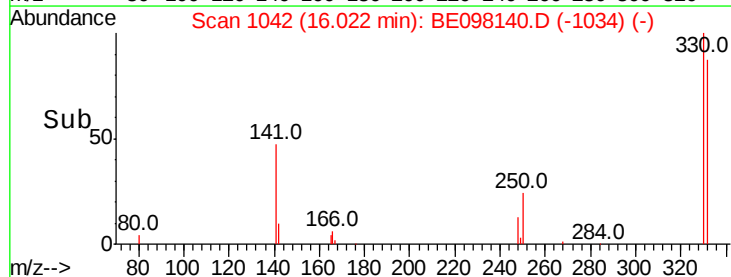
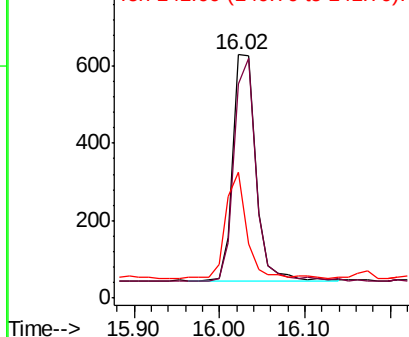


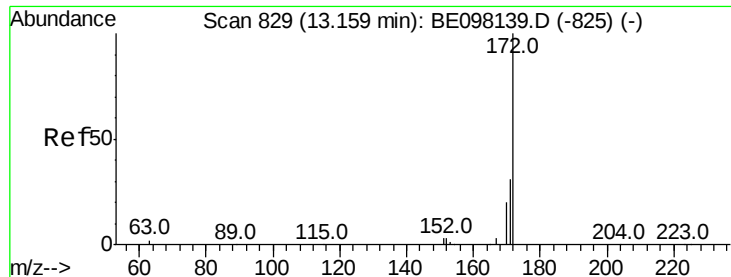
#14
2,4,6-Tribromophenol
Concen: 0.761 ng
RT: 16.02 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:330 Resp: 1091
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 42.5 31.8 47.6



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

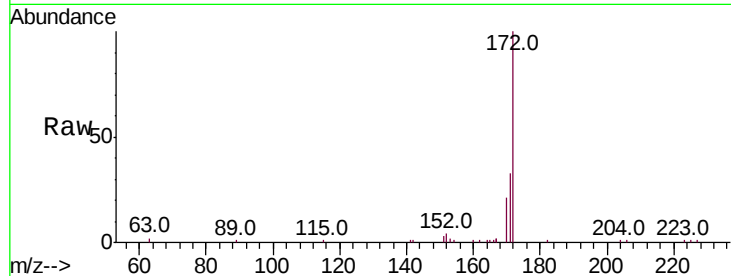




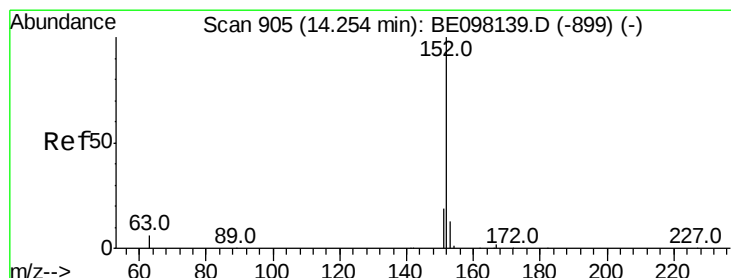
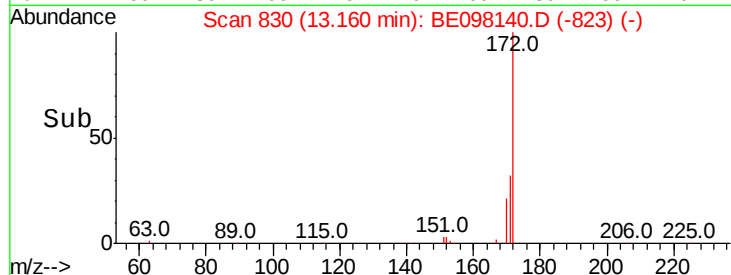
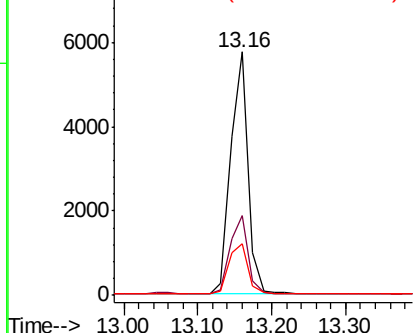
#15
2-Fluorobiphenyl
Concen: 0.810 ng
RT: 13.16 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:172 Resp: 9326
Ion Ratio Lower Upper
172 100
171 32.8 26.0 39.0
170 21.2 18.0 27.0

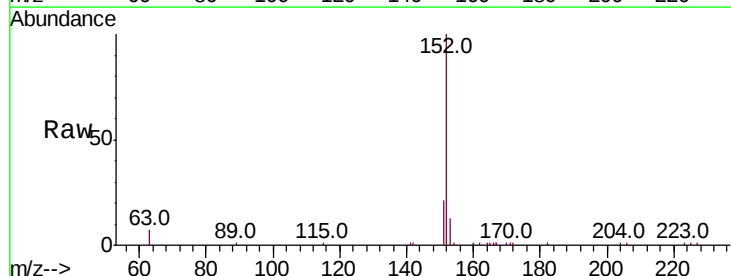


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

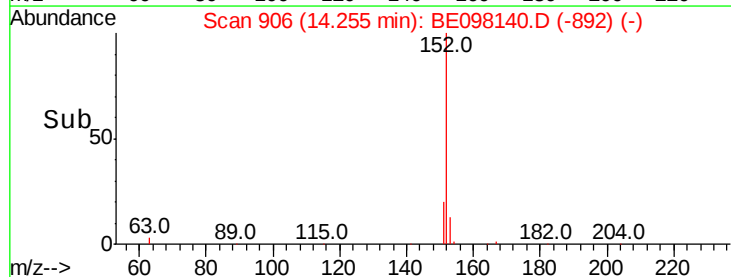
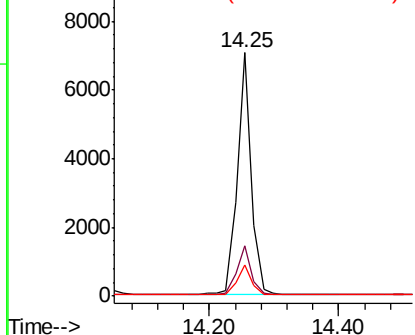


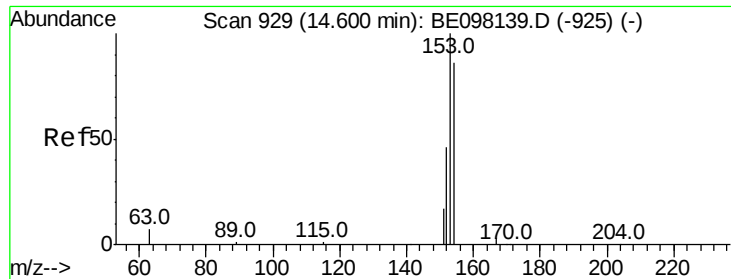
#16
Acenaphthylene
Concen: 0.817 ng
RT: 14.25 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:152 Resp: 10526
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 12.9 10.9 16.3



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

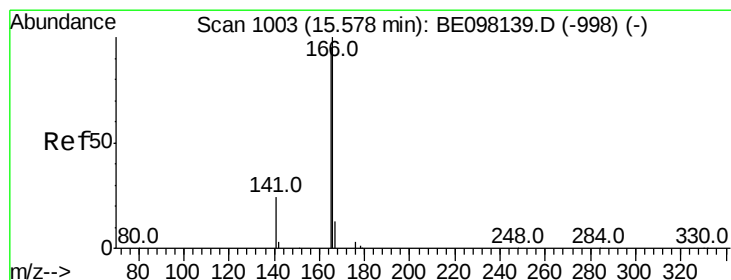
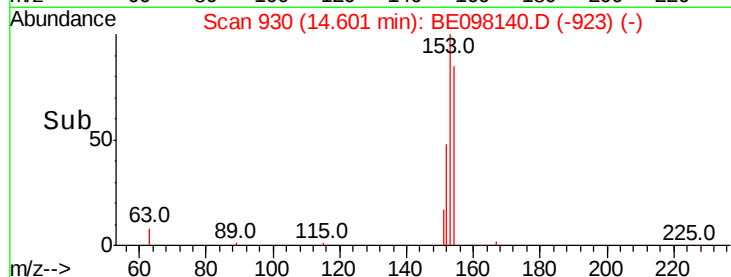
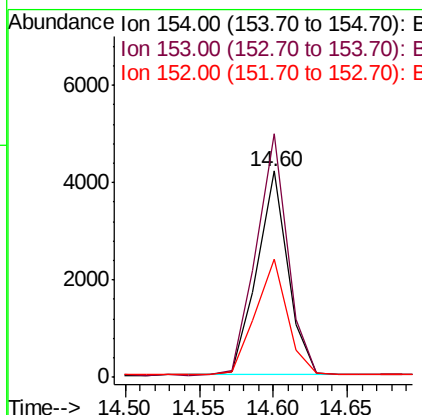
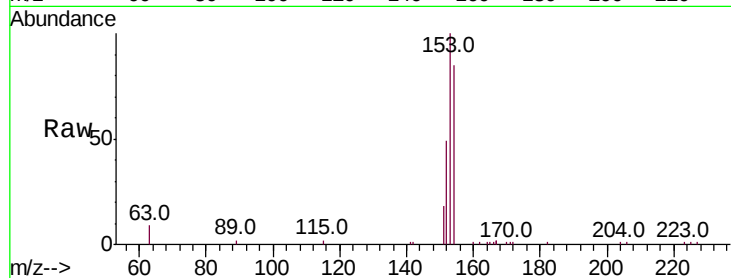




#17
Acenaphthene
Concen: 0.779 ng
RT: 14.60 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

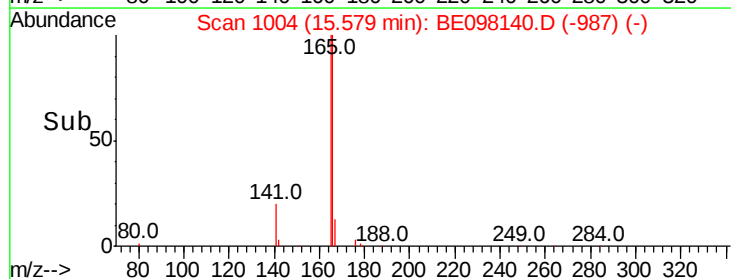
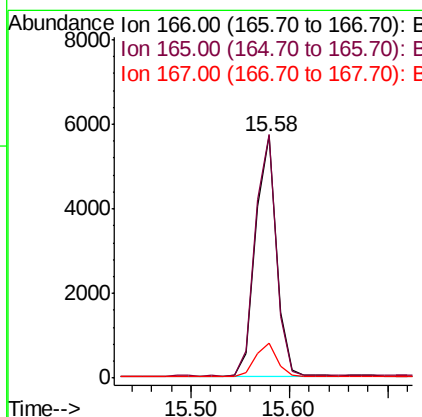
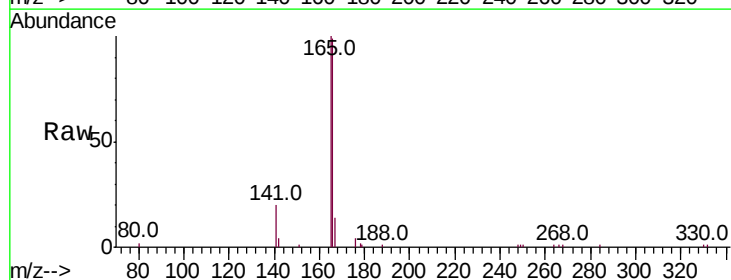
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

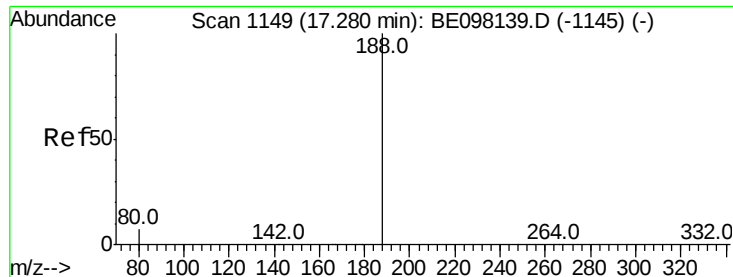
Tot Ion:154 Resp: 6070
Ion Ratio Lower Upper
154 100
153 119.8 92.6 139.0
152 58.4 45.5 68.3



#18
Fluorene
Concen: 0.795 ng
RT: 15.58 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:166 Resp: 8353
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.4
167 13.9 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

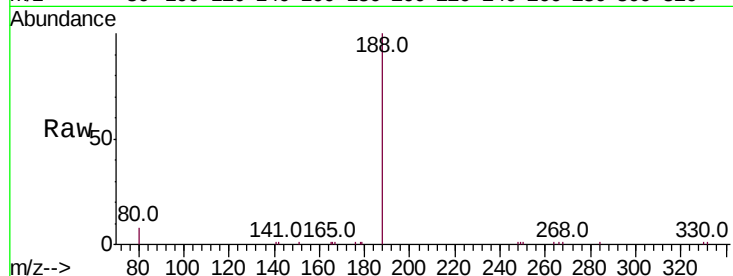
Tot Ion:188 Resp: 7144

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

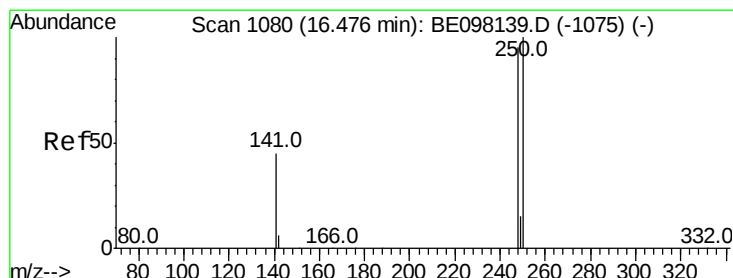
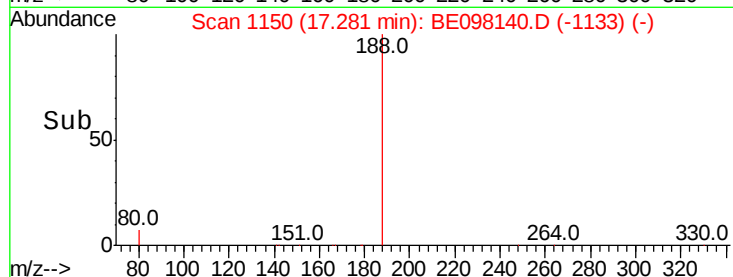
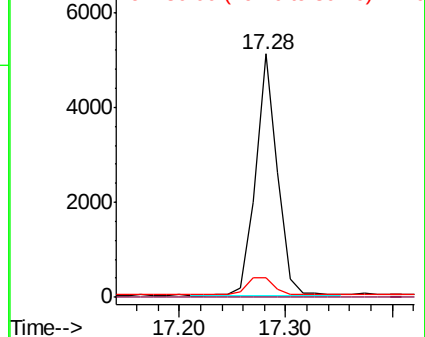
80 8.3 6.3 9.5



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: 0.790 ng

RT: 16.48 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

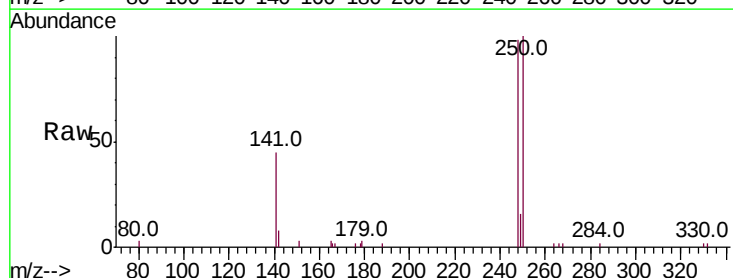
Tgt Ion:248 Resp: 3406

Ion Ratio Lower Upper

248 100

250 101.9 75.1 112.7

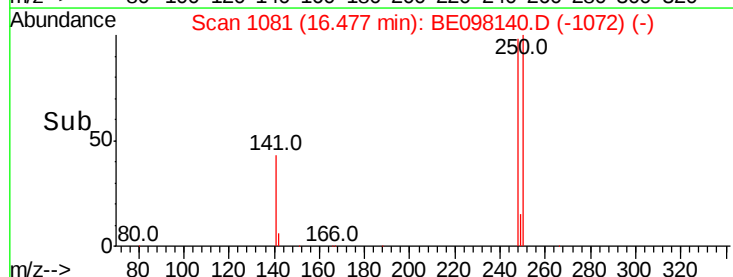
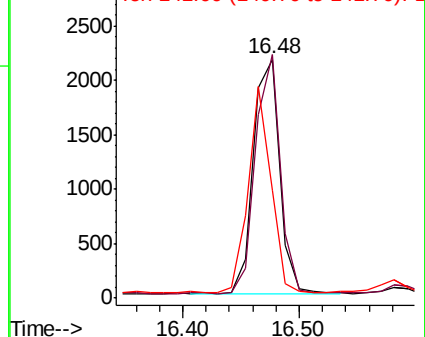
141 45.4 51.8 77.8#

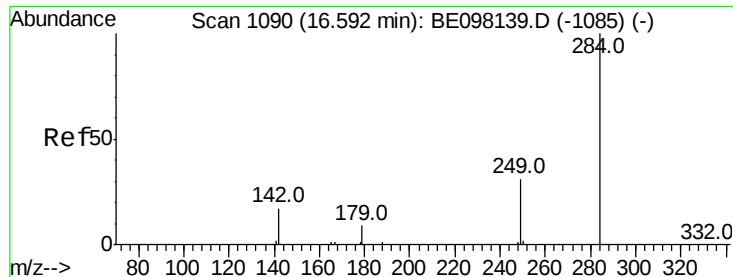


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.769 ng

RT: 16.59 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

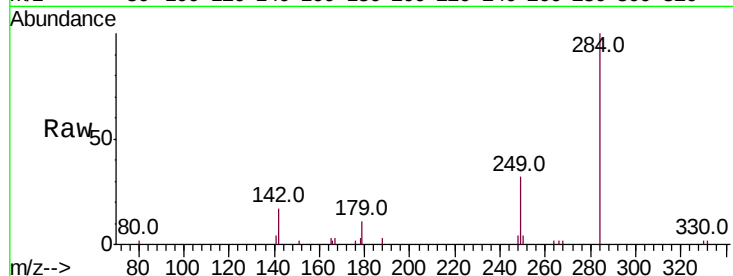
Tot Ion:284 Resp: 3460

Ion Ratio Lower Upper

284 100

142 32.5 25.9 38.9

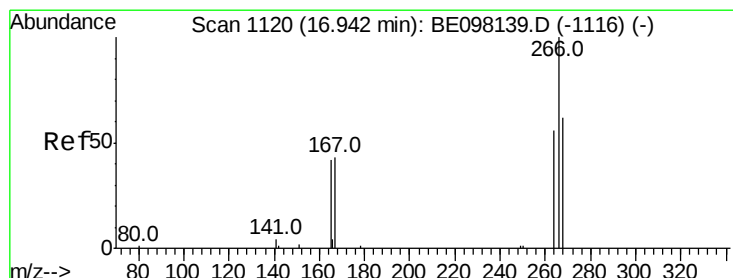
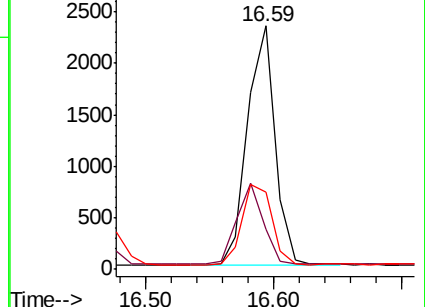
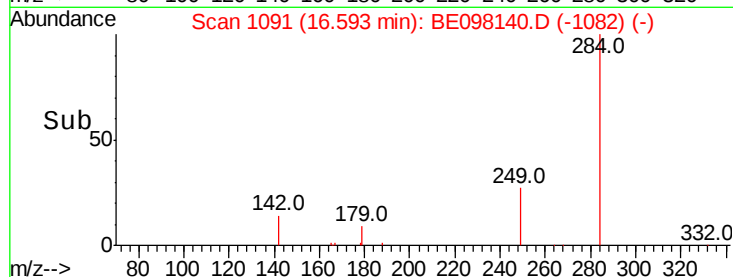
249 36.2 26.6 40.0



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: 2.039 ng

RT: 16.94 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

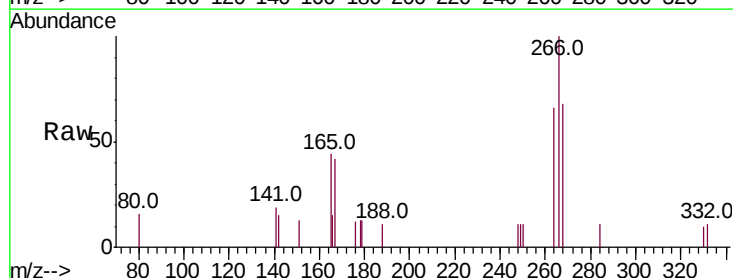
Tgt Ion:266 Resp: 764

Ion Ratio Lower Upper

266 100

264 65.7 51.3 76.9

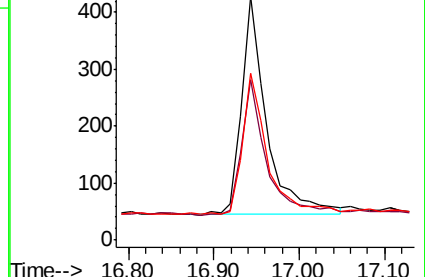
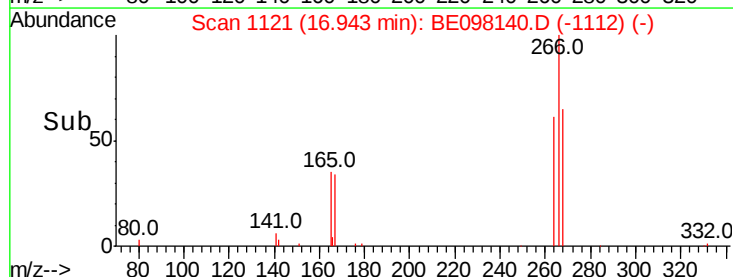
268 68.2 50.1 75.1

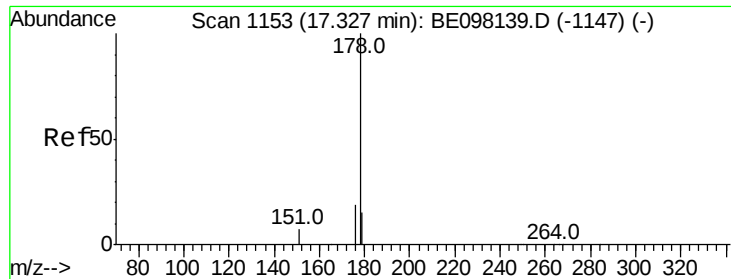


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.790 ng

RT: 17.33 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

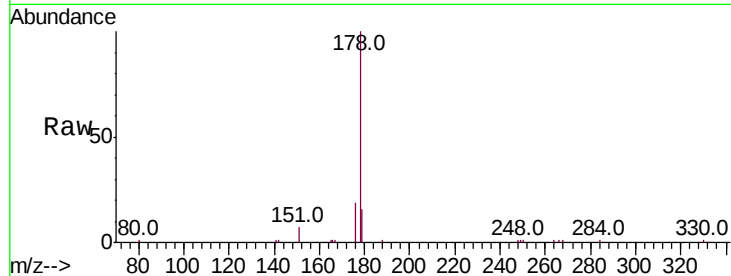
Tot Ion:178 Resp: 13857

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.2 12.2 18.4

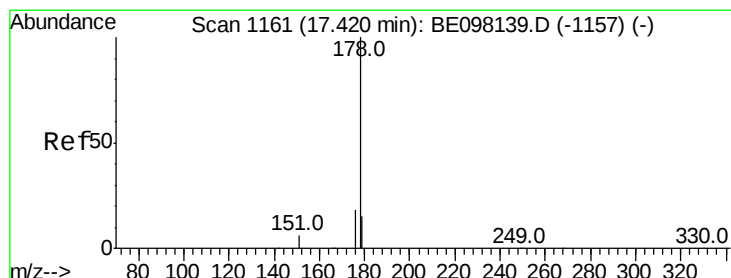
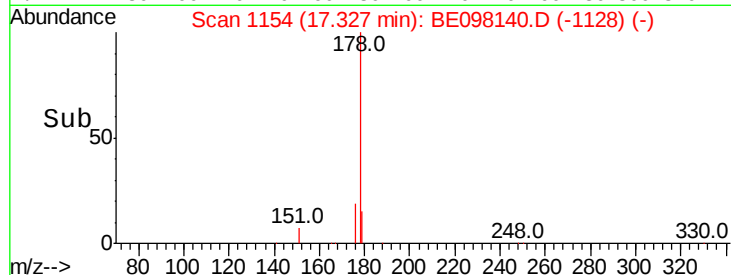
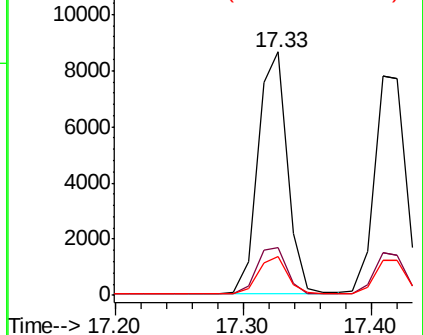


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.769 ng

RT: 17.41 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

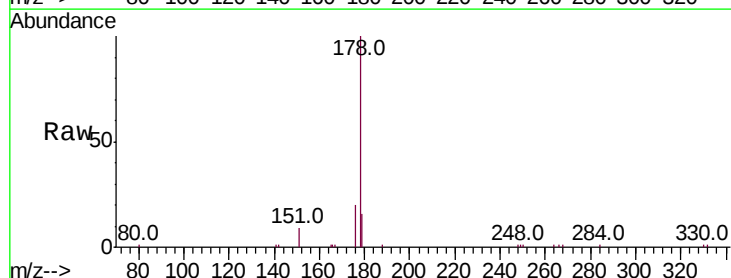
Tgt Ion:178 Resp: 13232

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 11.9 17.9

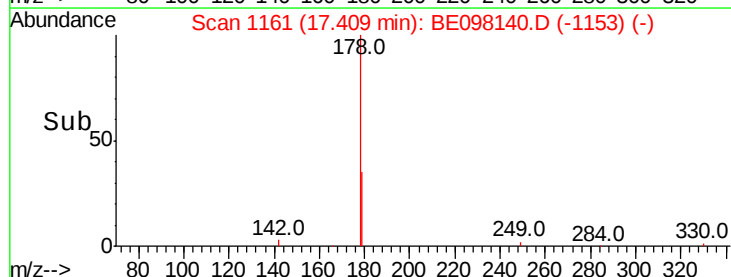
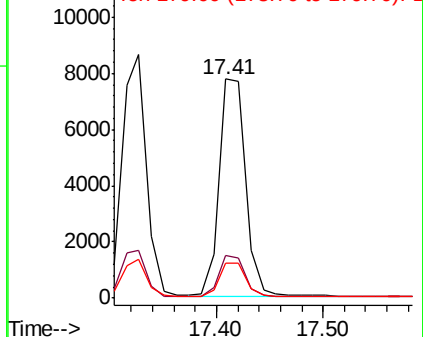


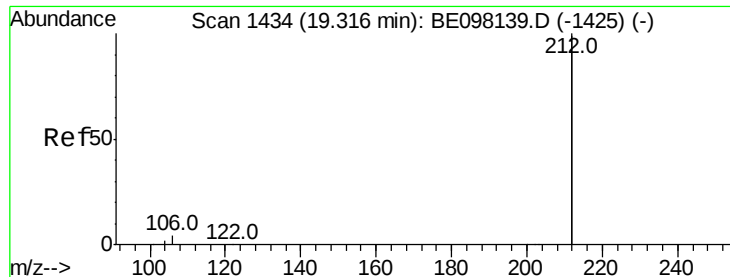
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.828 ng

RT: 19.31 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

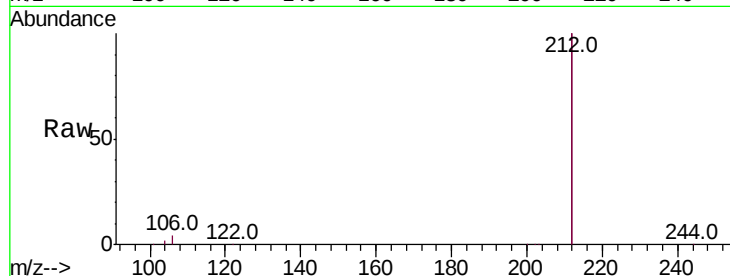
Tot Ion:212 Resp: 75858

Ion Ratio Lower Upper

212 100

106 2.2 2.3 3.5#

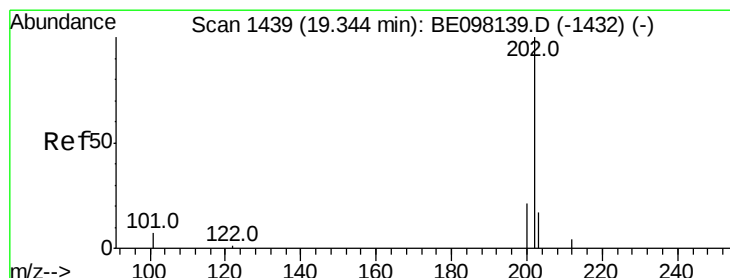
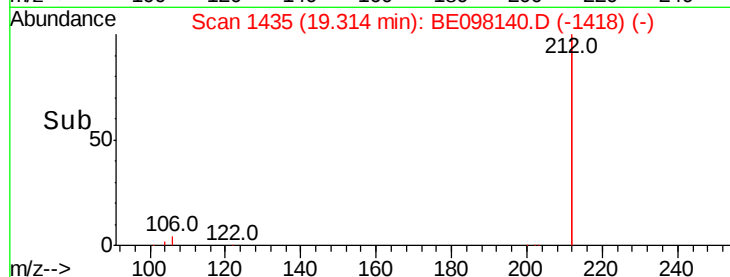
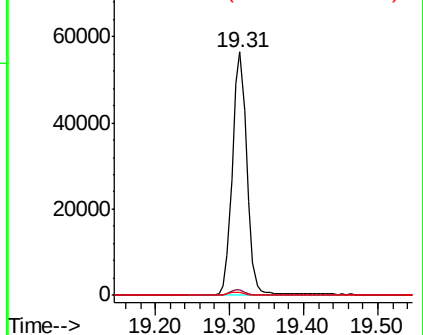
104 1.2 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.843 ng

RT: 19.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

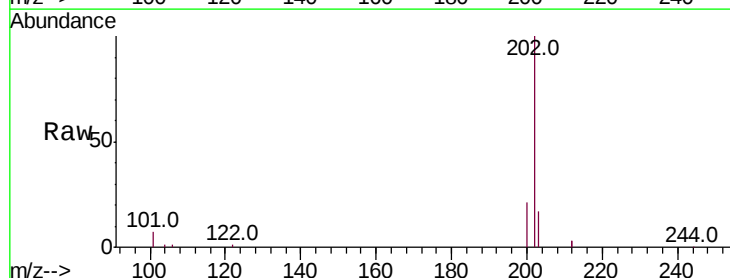
Tgt Ion:202 Resp: 18422

Ion Ratio Lower Upper

202 100

101 8.2 8.2 12.2

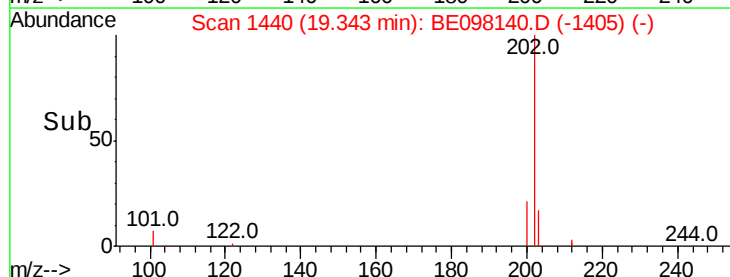
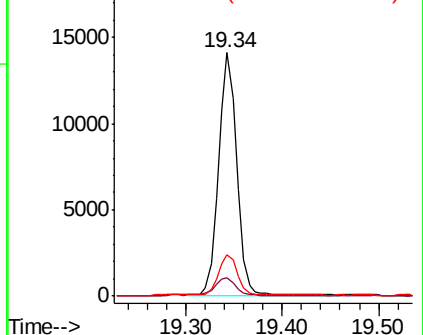
203 16.9 15.0 22.4

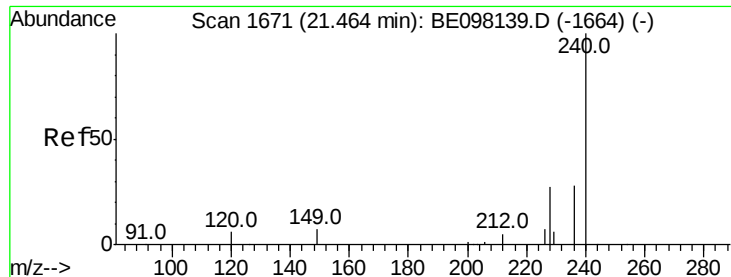


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1672

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

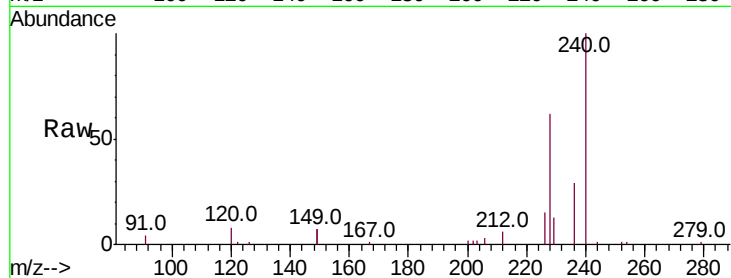
Tot Ion:240 Resp: 9115

Ion Ratio Lower Upper

240 100

120 7.7 7.1 10.7

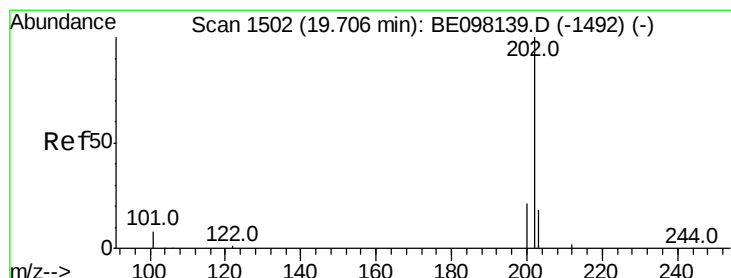
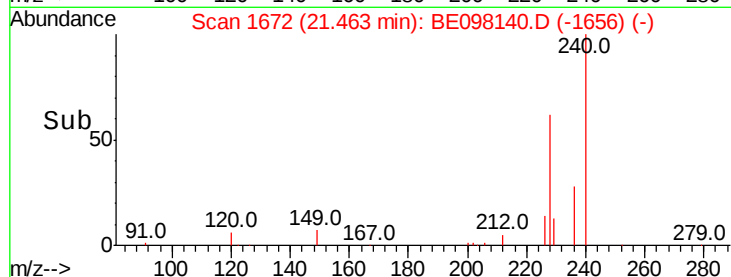
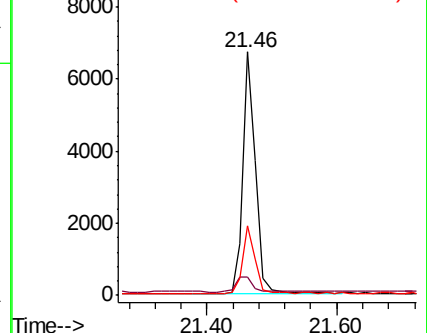
236 28.7 21.3 31.9



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: 0.764 ng

RT: 19.70 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

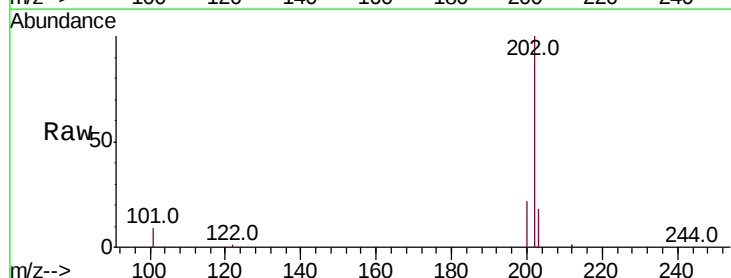
Tgt Ion:202 Resp: 19224

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

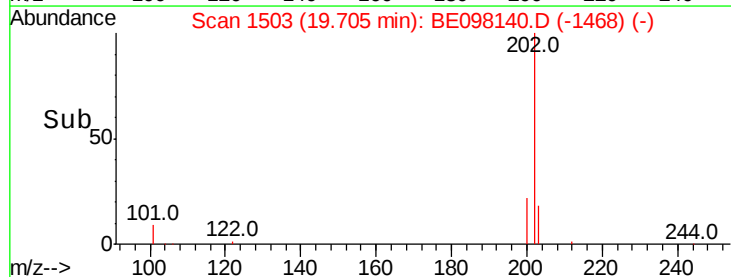
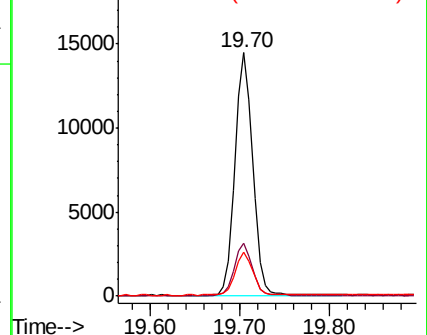
203 17.6 14.2 21.4

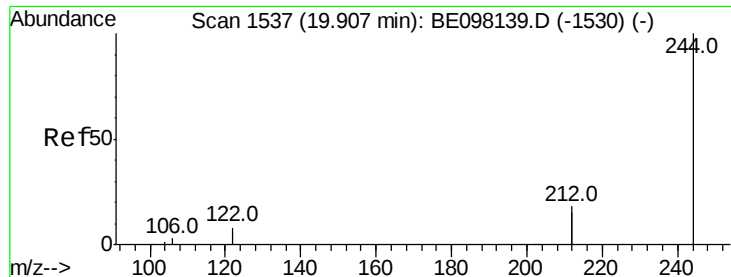


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.757 ng

RT: 19.91 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

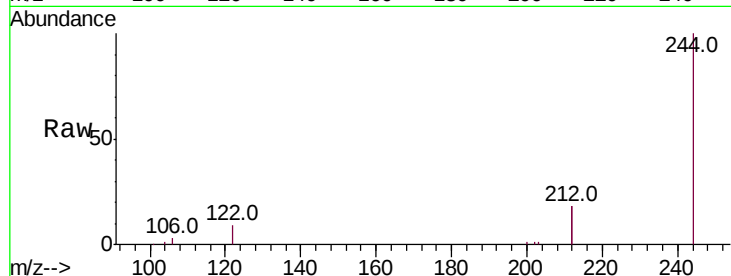
Tot Ion:244 Resp: 16261

Ion Ratio Lower Upper

244 100

212 36.3 26.2 39.2

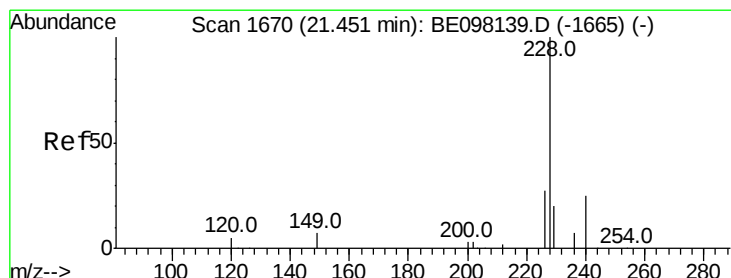
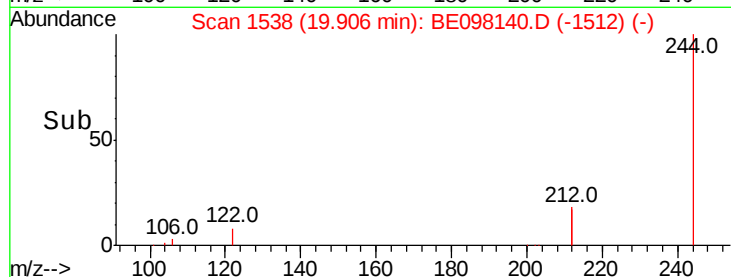
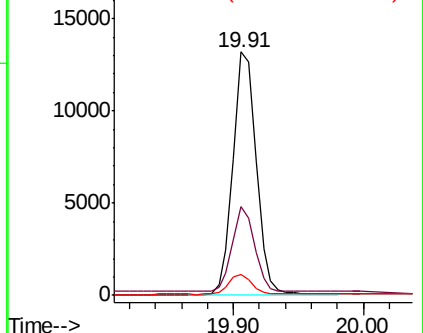
122 8.7 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.788 ng

RT: 21.45 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

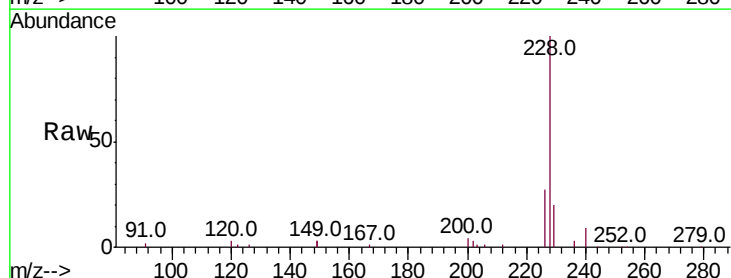
Tgt Ion:228 Resp: 21222

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

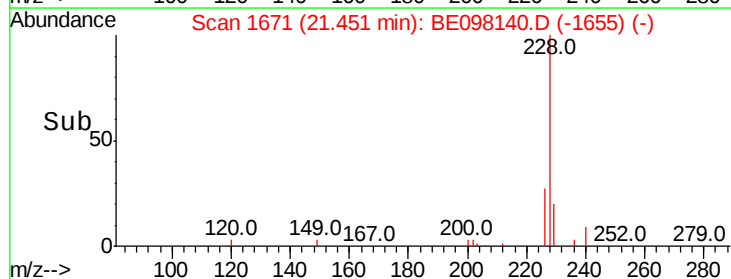
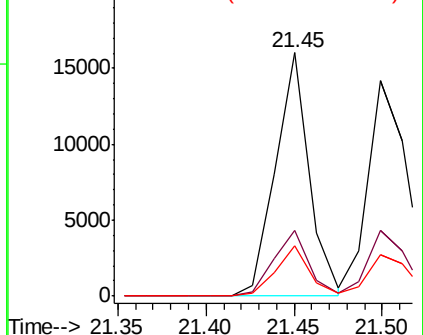
229 20.4 16.9 25.3

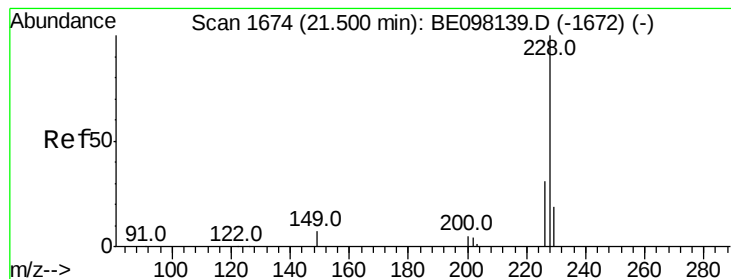


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.800 ng

RT: 21.50 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

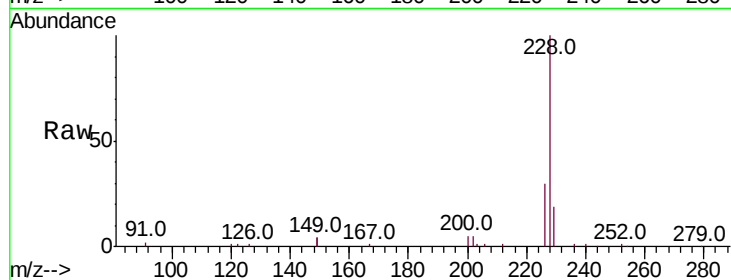
Tot Ion:228 Resp: 20942

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

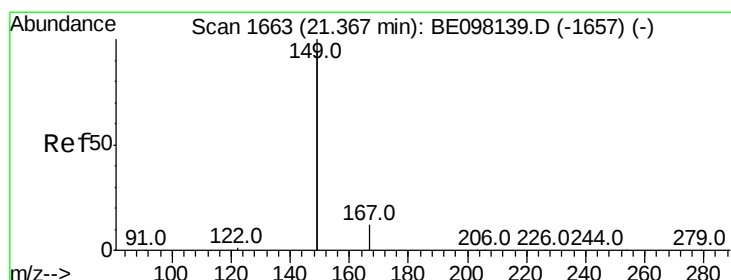
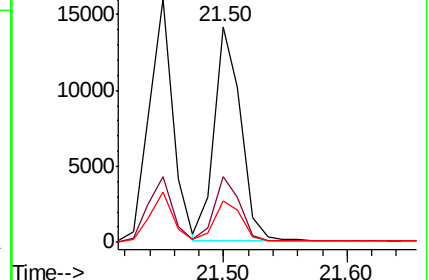
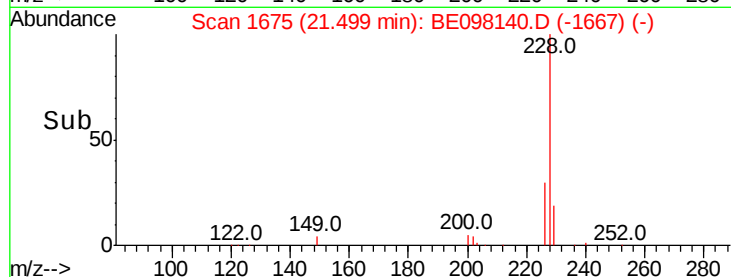
229 19.2 17.3 25.9



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: 0.888 ng

RT: 21.37 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

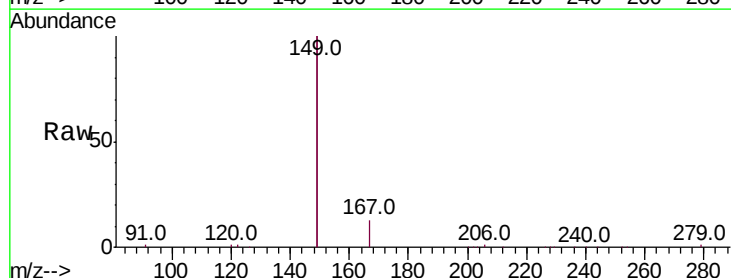
Tgt Ion:149 Resp: 56794

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

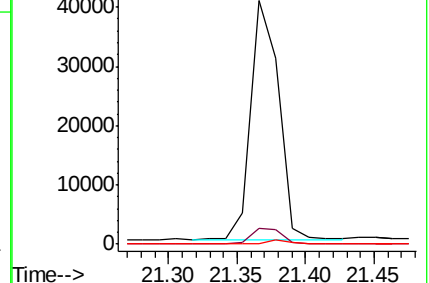
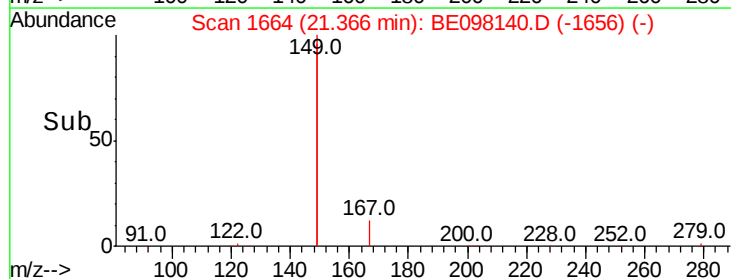
279 1.2 0.9 1.3

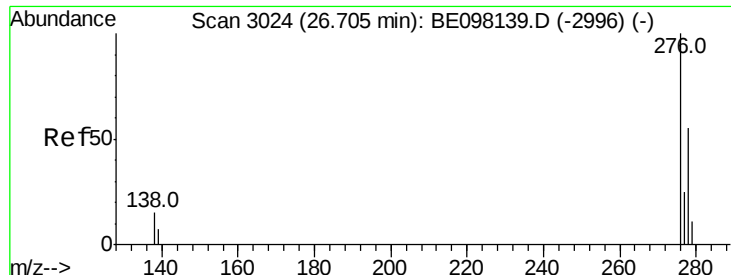


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.763 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

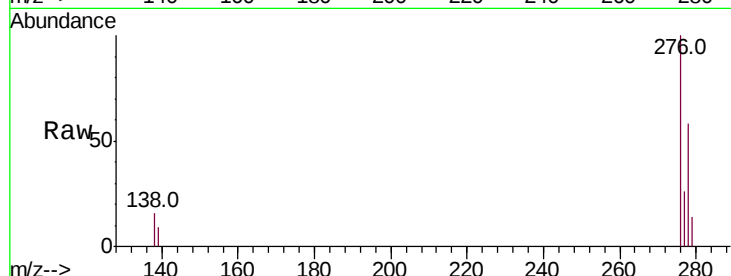
Tot Ion:276 Resp: 21801

Ion Ratio Lower Upper

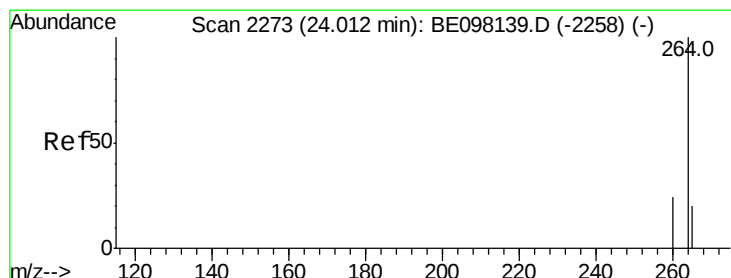
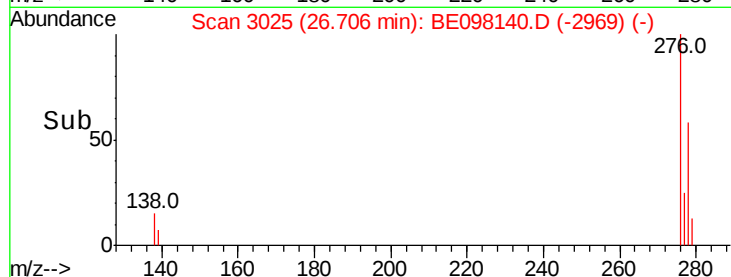
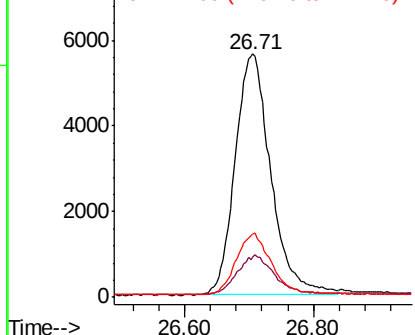
276 100

138 16.7 17.0 25.6#

277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

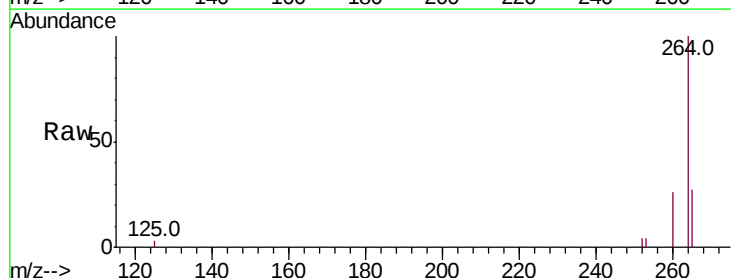
Tgt Ion:264 Resp: 8926

Ion Ratio Lower Upper

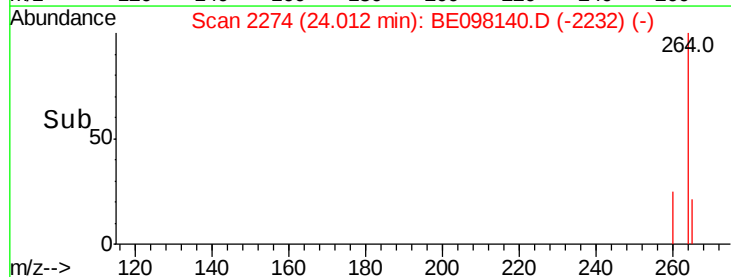
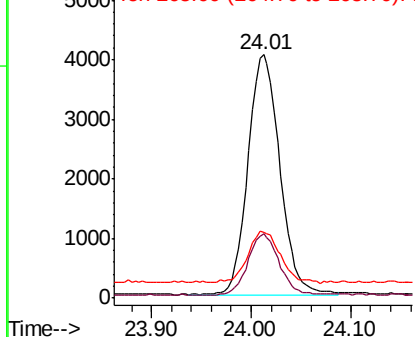
264 100

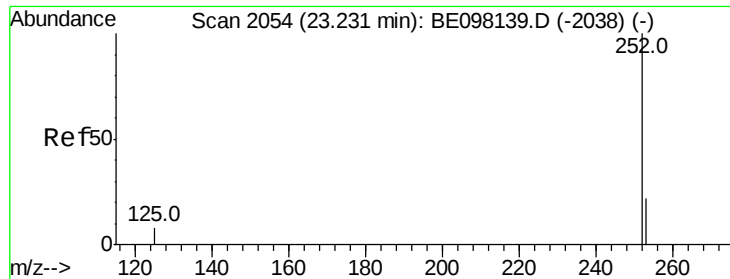
260 26.3 21.1 31.7

265 26.8 29.2 43.8#



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: 0.808 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

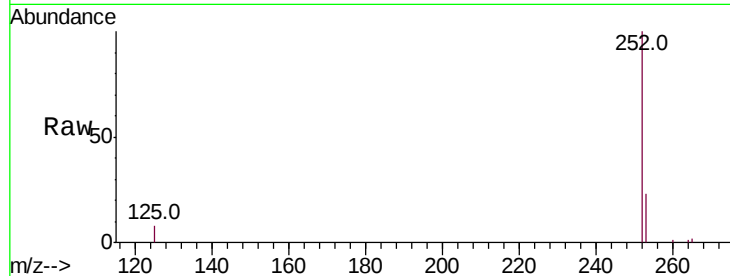
Tot Ion:252 Resp: 20017

Ion Ratio Lower Upper

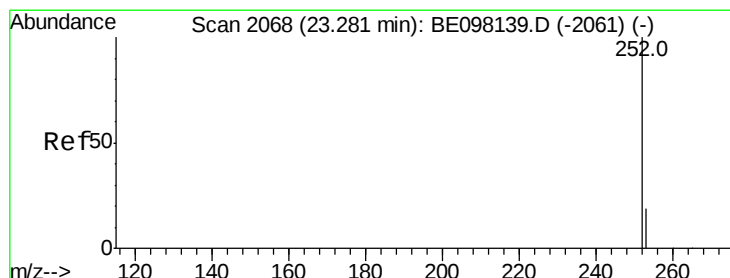
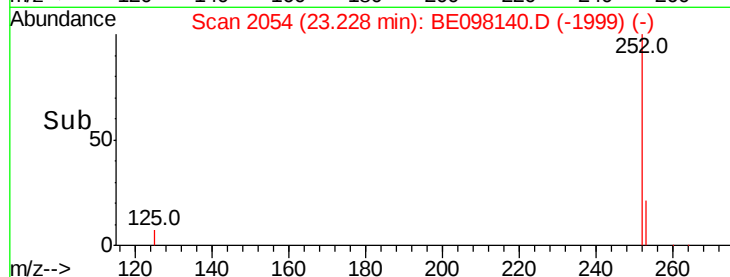
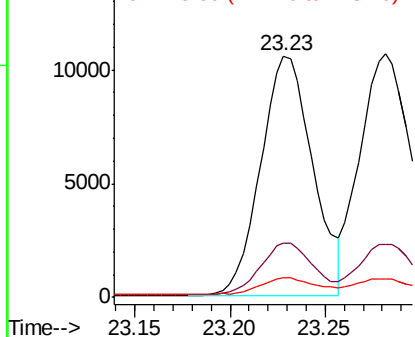
252 100

253 22.6 20.6 31.0

125 7.9 14.3 21.5#



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: 0.793 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

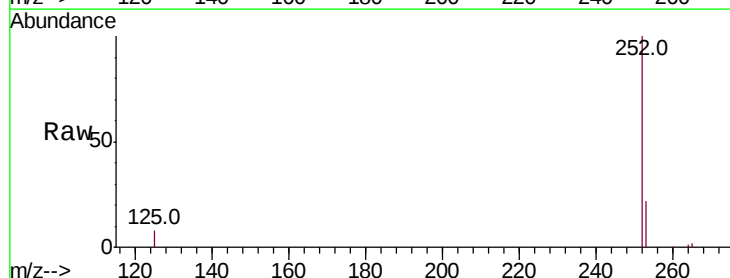
Tgt Ion:252 Resp: 20428

Ion Ratio Lower Upper

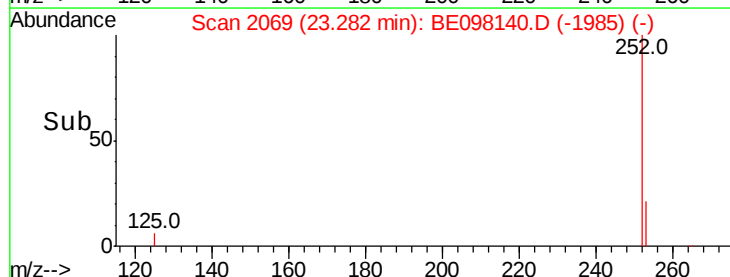
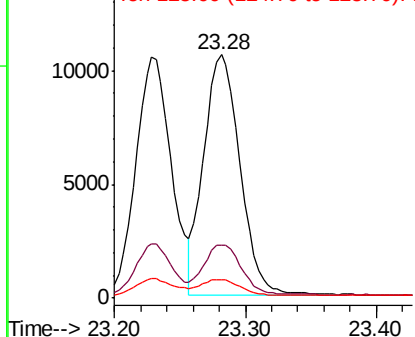
252 100

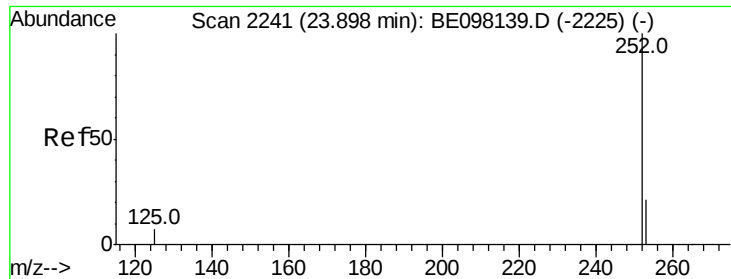
253 22.0 20.4 30.6

125 7.6 14.6 21.8#



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

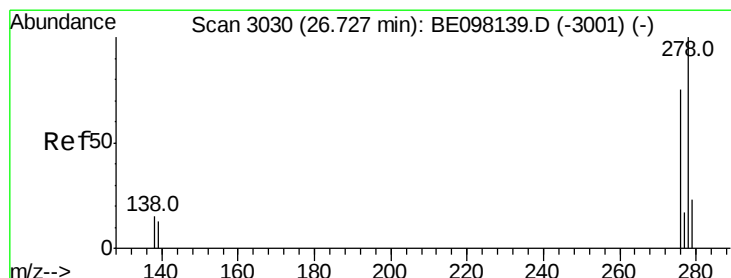
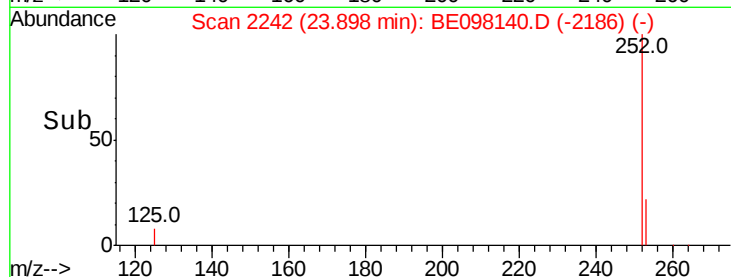
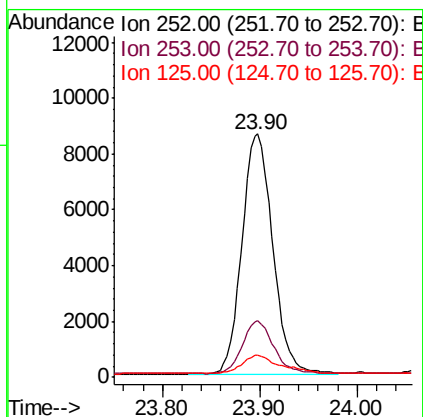
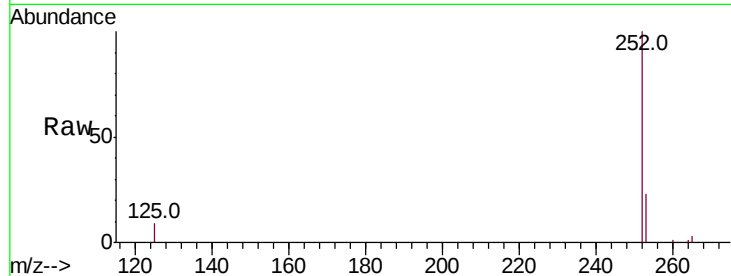




#37
Benzo(a)pyrene
Concen: 0.786 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

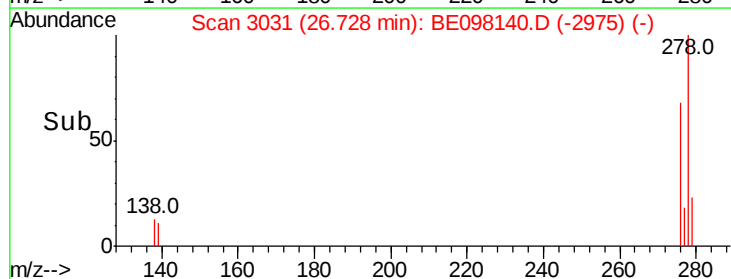
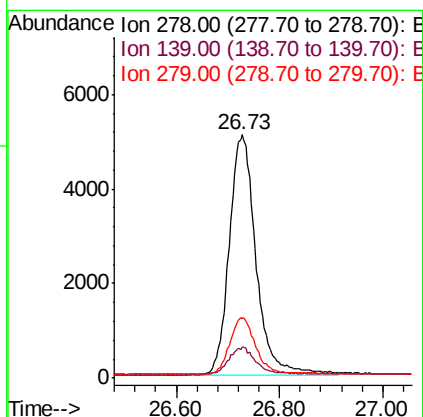
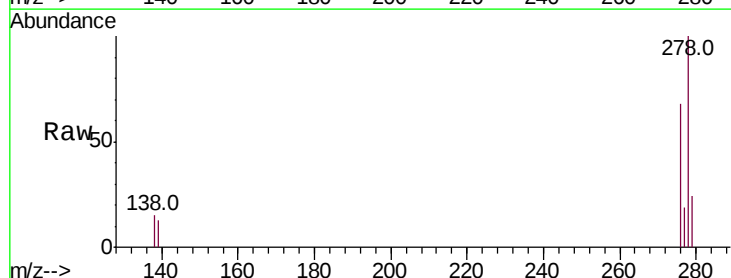
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

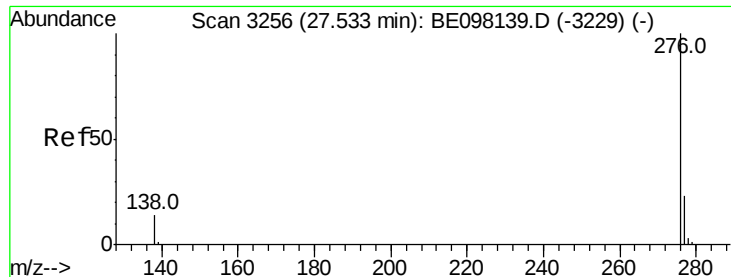
Tot Ion:252 Resp: 19141
Ion Ratio Lower Upper
252 100
253 23.1 20.6 31.0
125 9.1 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.781 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098140.D
Acq: 1 Nov 2018 11:08

Tgt Ion:278 Resp: 18546
Ion Ratio Lower Upper
278 100
139 12.8 16.3 24.5#
279 24.3 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.768 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BE098140.D

Acq: 1 Nov 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

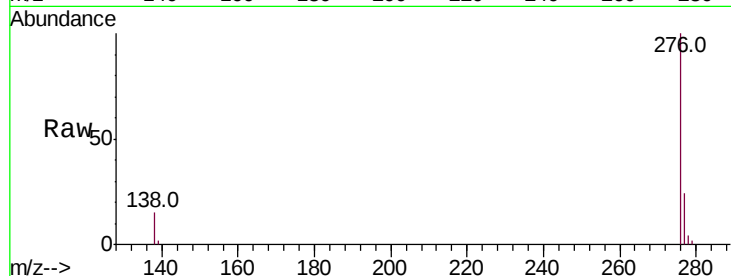
Tot Ion:276 Resp: 18068

Ion Ratio Lower Upper

276 100

277 24.2 22.1 33.1

138 14.7 19.3 28.9#



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

