

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098296.D
 Acq On : 10 Dec 2018 13:06
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 10 14:03:00 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	1699	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7442	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4734	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	12581	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12702	0.40	ng	0.00
34) Perylene-d12	24.01	264	11670	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	3164	0.70	ng	0.00
5) Phenol-d6	7.04	99	4526	0.71	ng	0.00
8) Nitrobenzene-d5	9.02	82	5379	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	9570	0.79	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1475	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	15034	0.77	ng	0.00
25) Fluoranthene-d10	19.31	212	127430	0.75	ng	0.00
29) Terphenyl-d14	19.91	244	24638	0.86	ng	0.00

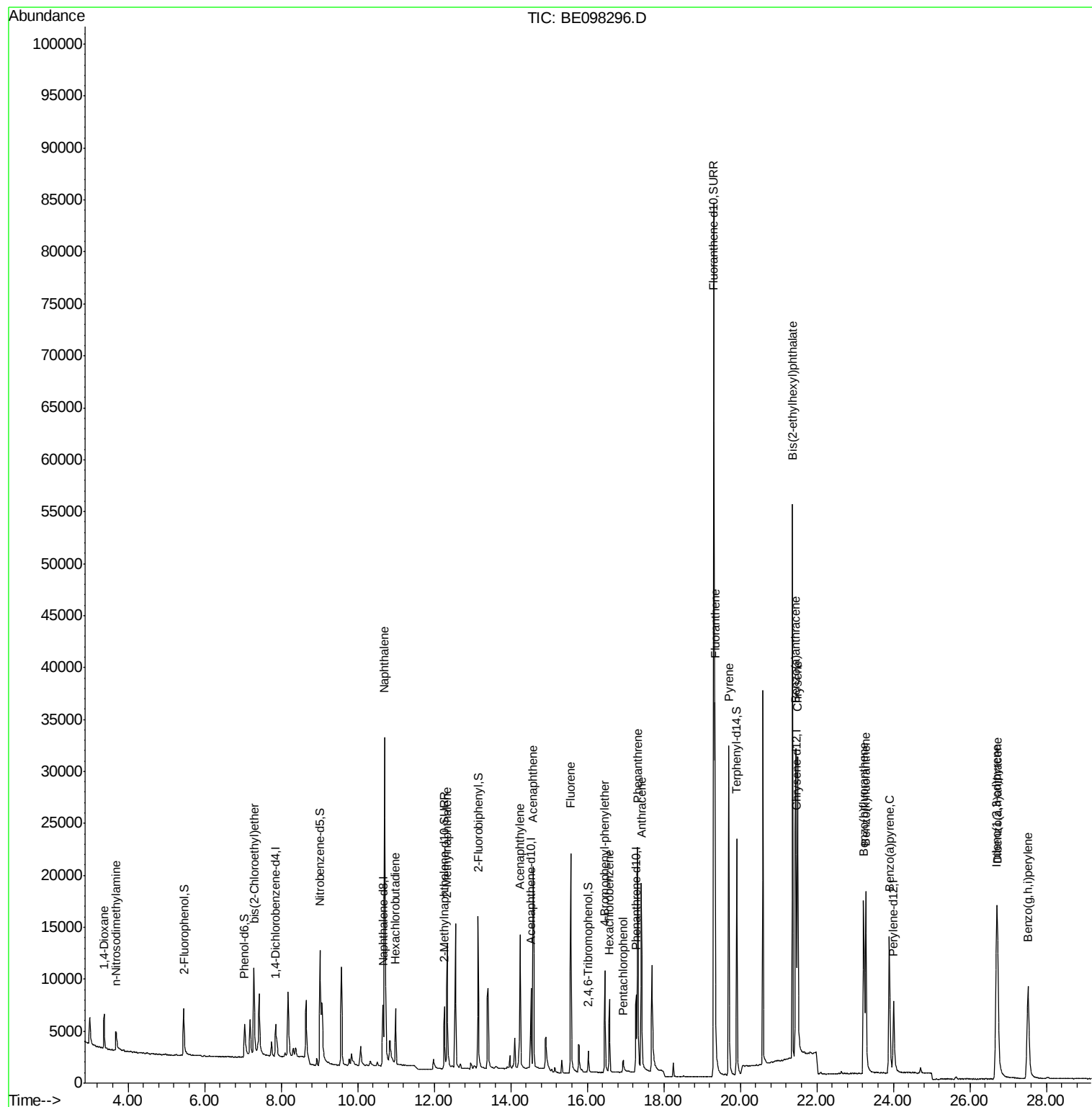
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2151	0.683	ng	98
3) n-Nitrosodimethylamine	3.68	42	2100	0.644	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	4186	0.712	ng	99
9) Naphthalene	10.71	128	57982	0.775	ng	99
10) Hexachlorobutadiene	10.99	225	3655	0.762	ng	99
12) 2-Methylnaphthalene	12.34	142	9623	0.775	ng	99
16) Acenaphthylene	14.24	152	17030	0.771	ng	100
17) Acenaphthene	14.59	154	10377	0.788	ng	99
18) Fluorene	15.57	166	14034	0.804	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	5377	0.755	ng	# 88
21) Hexachlorobenzene	16.58	284	5648	0.767	ng	97
22) Pentachlorophenol	16.94	266	988	0.414	ng	92
23) Phenanthrene	17.31	178	23976	0.767	ng	100
24) Anthracene	17.41	178	21588	0.742	ng	99
26) Fluoranthene	19.34	202	31972	0.750	ng	99
28) Pyrene	19.70	202	32654	0.928	ng	100
30) Benzo(a)anthracene	21.45	228	28370	0.758	ng	98
31) Chrysene	21.50	228	29478	0.776	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	55100	0.615	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	29359	0.764	ng	99
35) Benzo(b)fluoranthene	23.22	252	25479	0.745	ng	95
36) Benzo(k)fluoranthene	23.28	252	29568	0.823	ng	97
37) Benzo(a)pyrene	23.89	252	25735	0.781	ng	# 93
38) Dibenzo(a,h)anthracene	26.72	278	24488	0.784	ng	96
39) Benzo(g,h,i)perylene	27.52	276	24915	0.796	ng	98

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

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Quant Time: Dec 10 14:03:00 2018
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QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

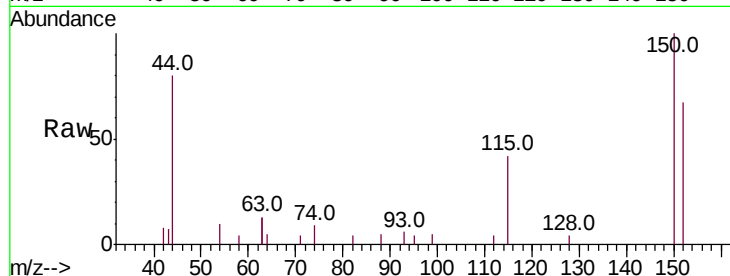
Tot Ion:152 Resp: 1699

Ion Ratio Lower Upper

152 100

150 148.9 124.2 186.4

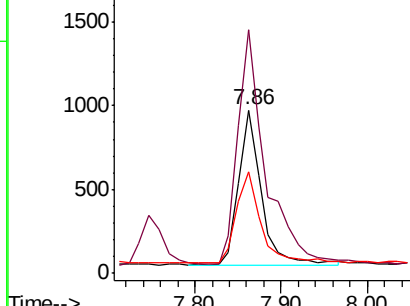
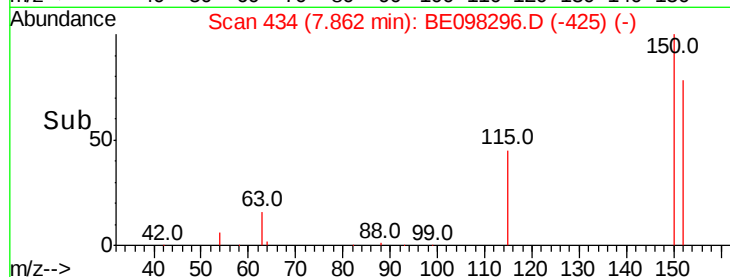
115 62.1 53.9 80.9



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: 0.683 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

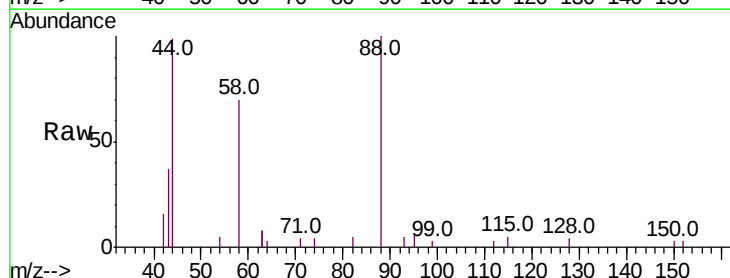
Tgt Ion: 88 Resp: 2151

Ion Ratio Lower Upper

88 100

58 93.4 75.0 112.6

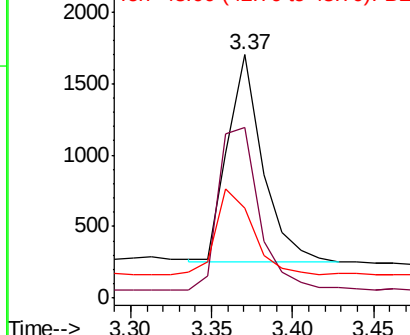
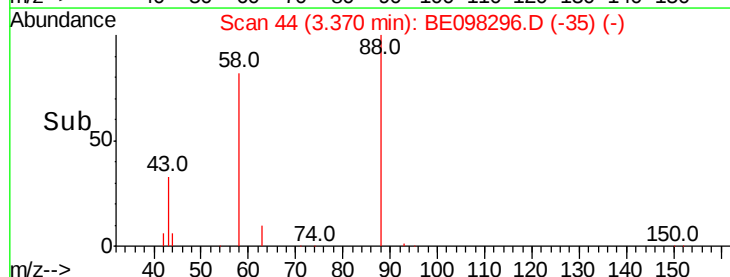
43 45.0 38.3 57.5



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: 0.644 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

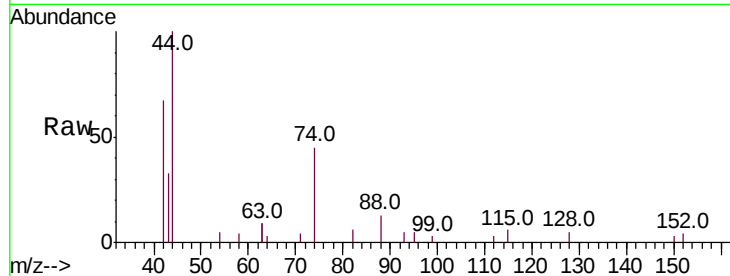
Tot Ion: 42 Resp: 2100

Ion Ratio Lower Upper

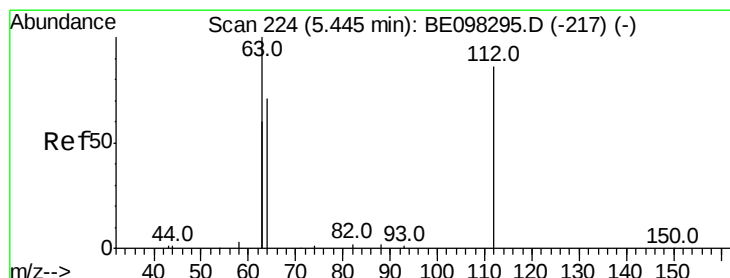
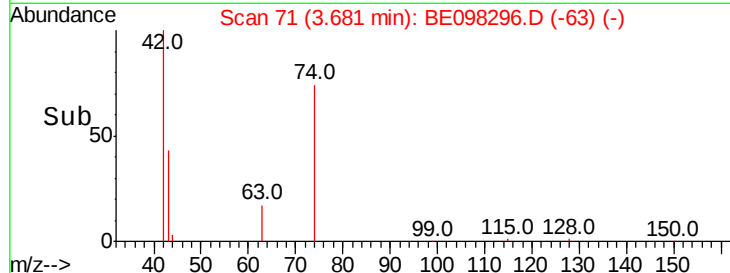
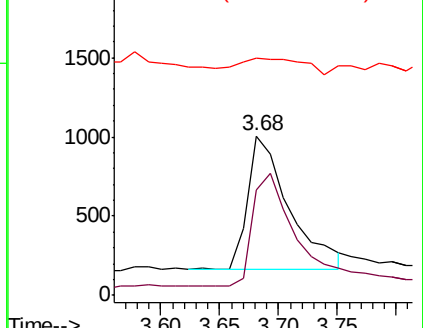
42 100

74 86.2 0.0 0.0#

44 18.8 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 0.698 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

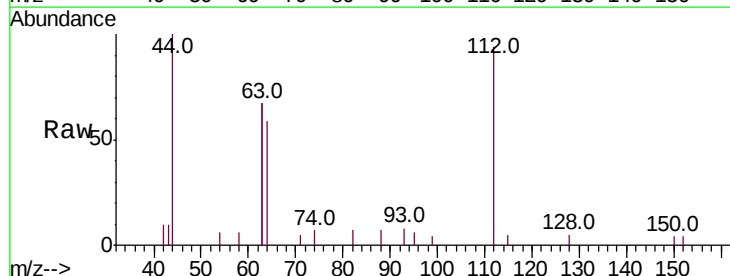
Tgt Ion: 112 Resp: 3164

Ion Ratio Lower Upper

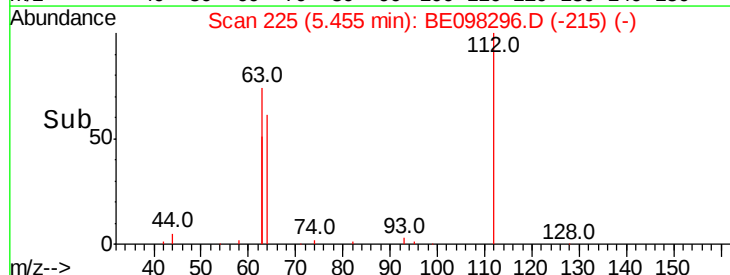
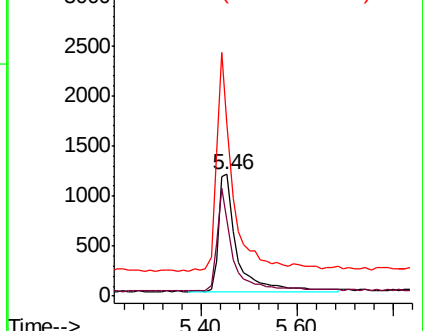
112 100

64 75.3 59.8 89.8

63 162.8 133.7 200.5



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: 0.708 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

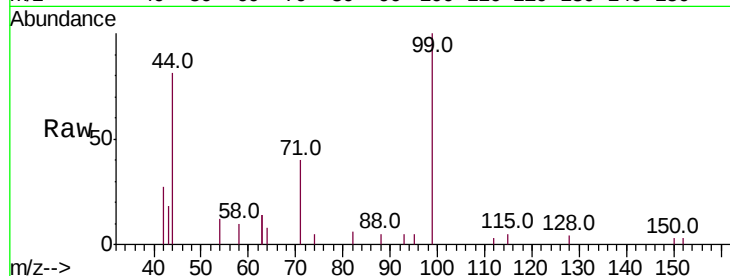
Tot Ion: 99 Resp: 4526

Ion Ratio Lower Upper

99 100

42 26.6 26.3 39.5

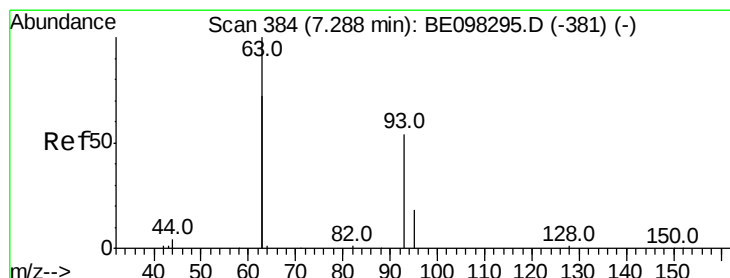
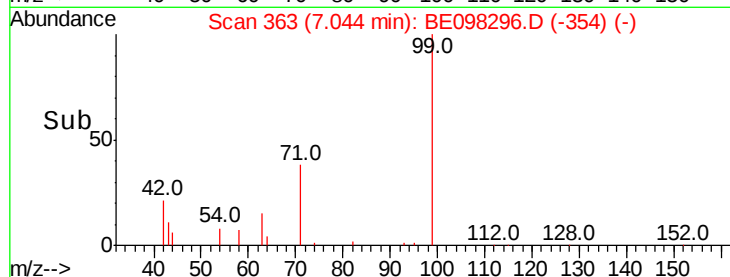
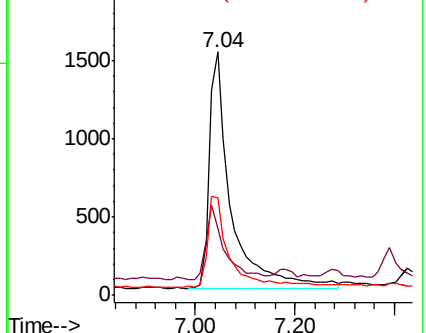
71 38.4 33.6 50.4



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: 0.712 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

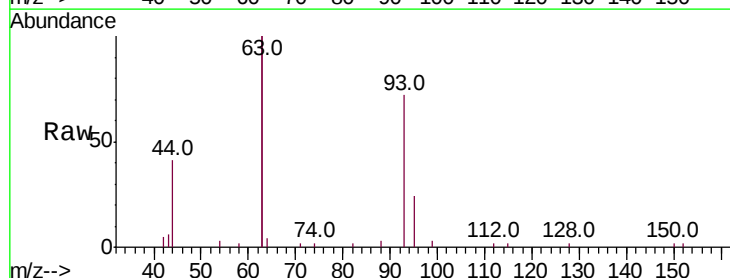
Tgt Ion: 93 Resp: 4186

Ion Ratio Lower Upper

93 100

63 327.5 264.4 396.6

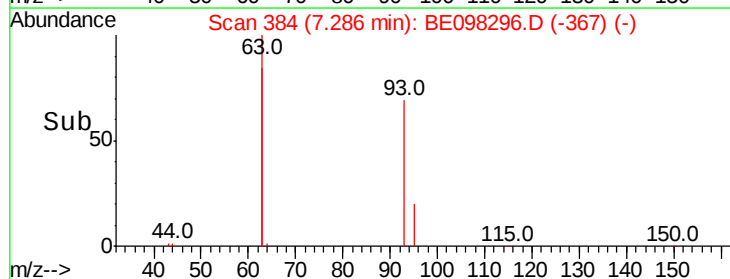
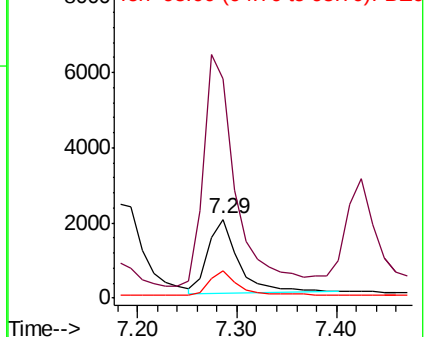
95 34.4 26.6 40.0

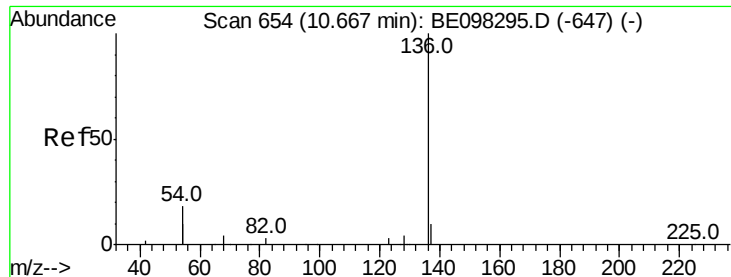


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 7442

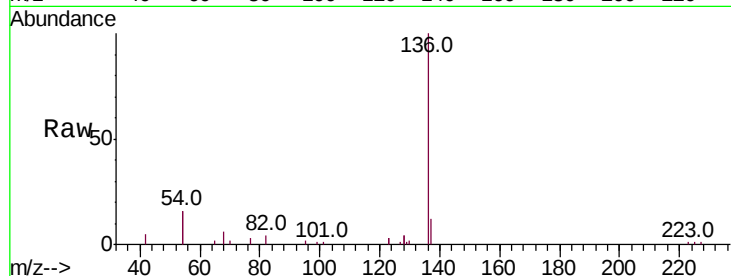
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 32.7 28.4 42.6

68 5.7 5.4 8.0

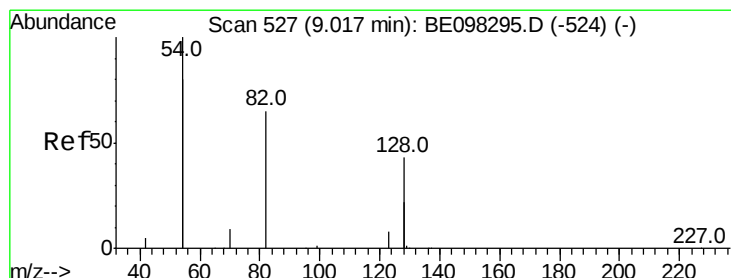
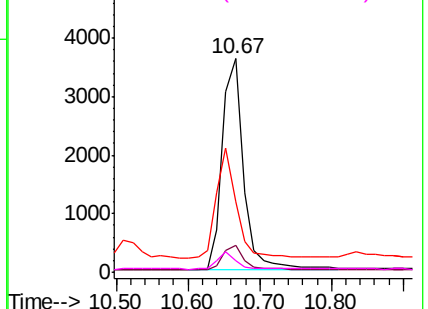
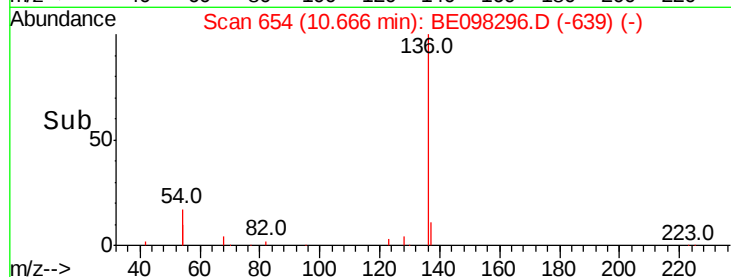


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.714 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

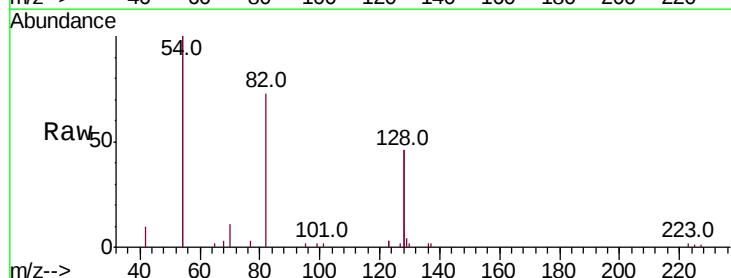
Tgt Ion: 82 Resp: 5379

Ion Ratio Lower Upper

82 100

128 125.5 102.4 153.6

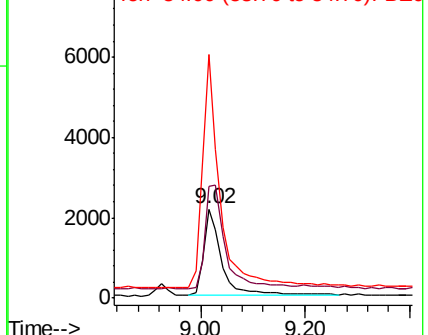
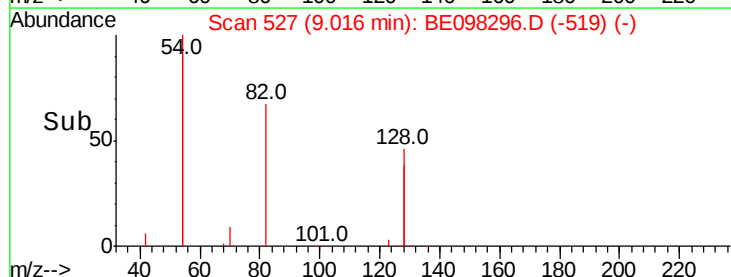
54 273.6 221.8 332.8

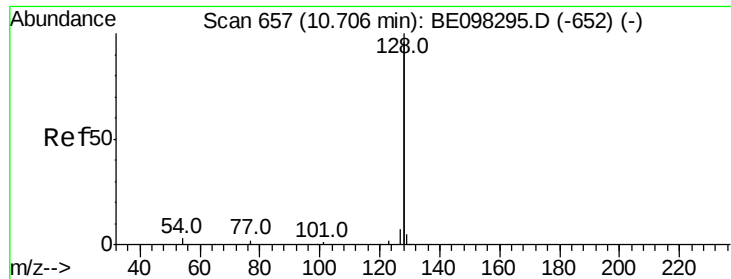


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.775 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

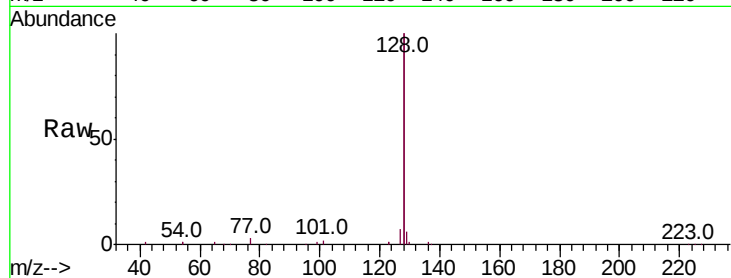
Tot Ion:128 Resp: 57982

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

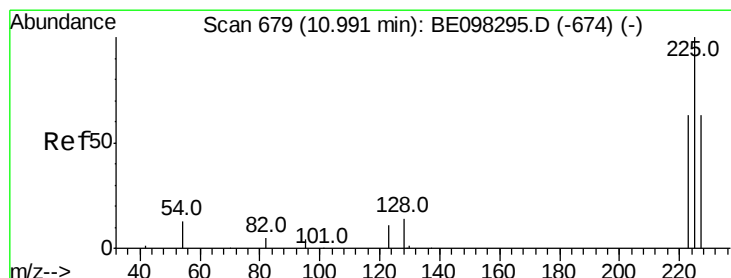
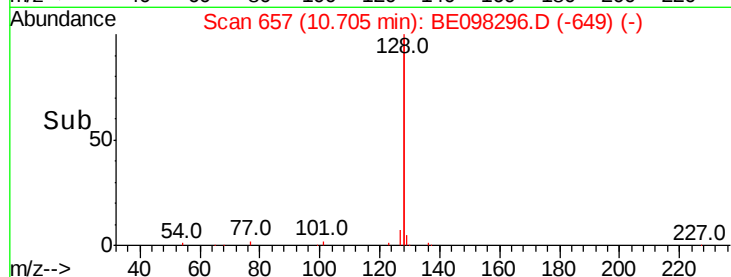
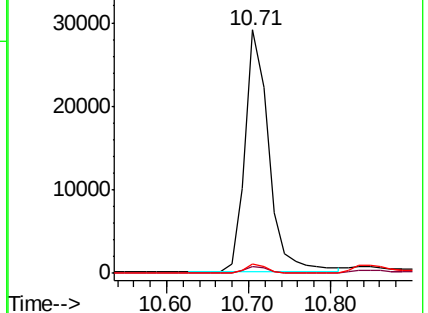
127 3.6 2.7 4.1



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: 0.762 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

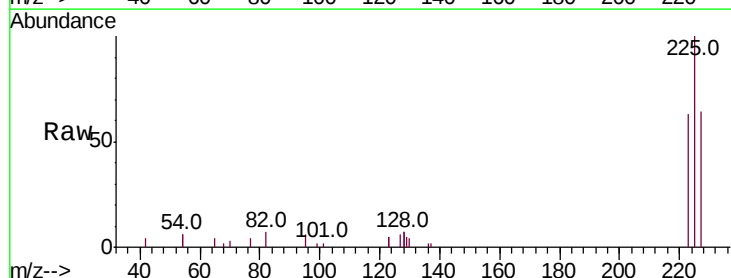
Tgt Ion:225 Resp: 3655

Ion Ratio Lower Upper

225 100

223 62.5 49.4 74.0

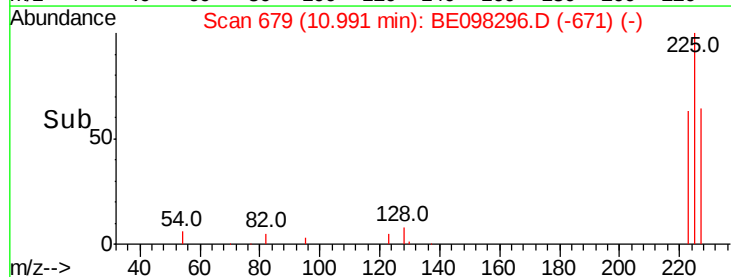
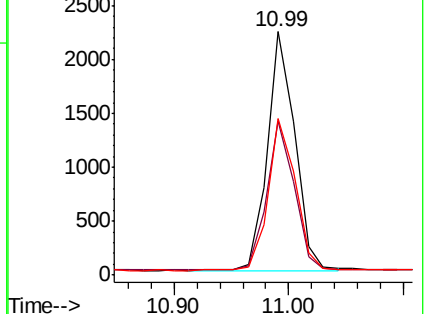
227 63.4 52.0 78.0

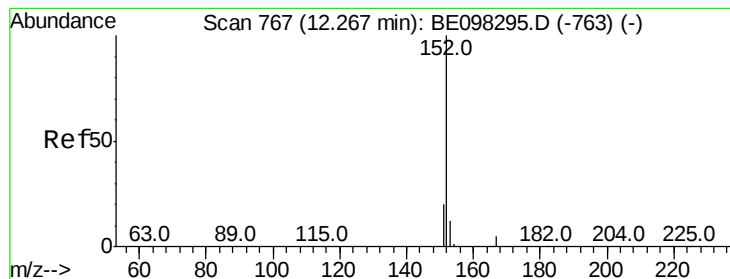


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.792 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

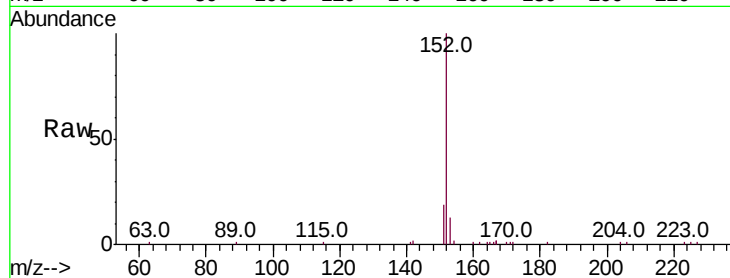
SSTDIC0.8

Tot Ion:152 Resp: 9570

Ion Ratio Lower Upper

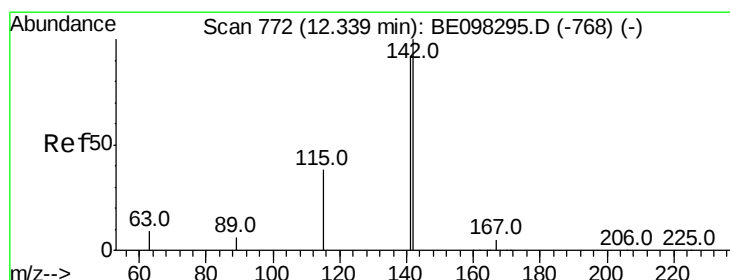
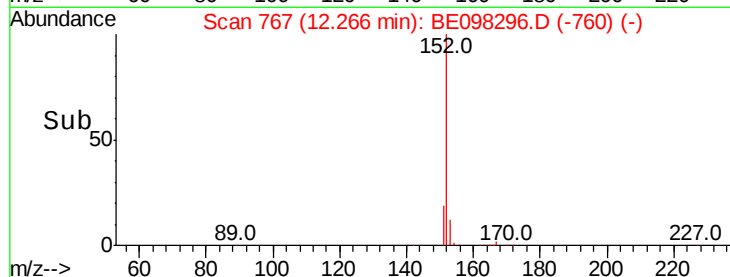
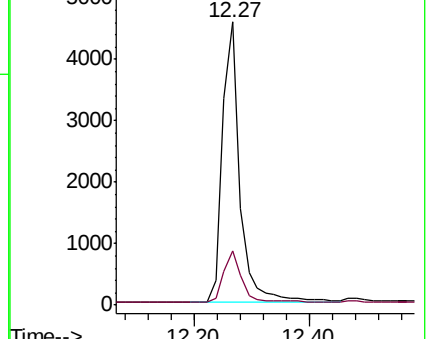
152 100

151 19.6 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: 0.775 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

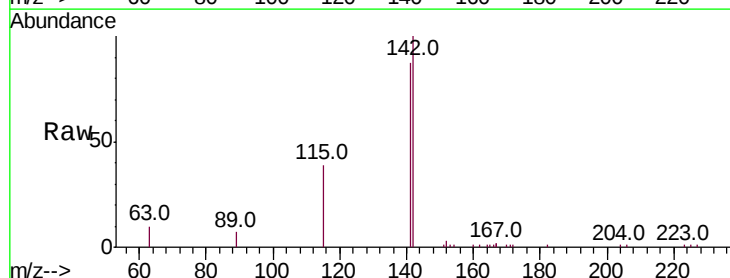
Tgt Ion:142 Resp: 9623

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6

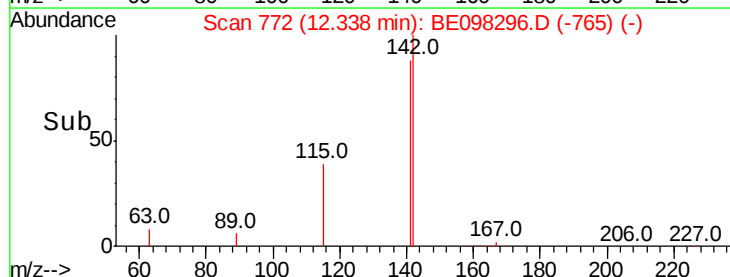
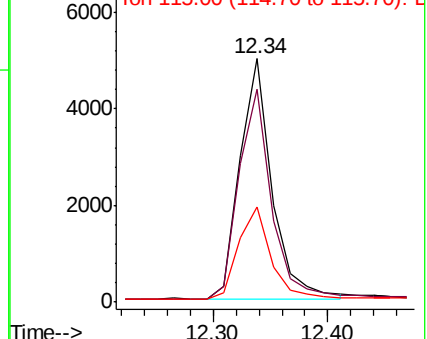
115 39.2 32.2 48.2

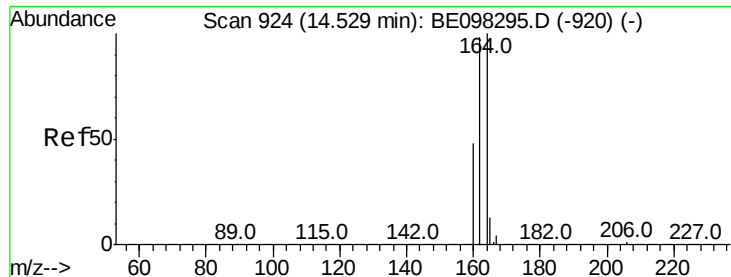


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

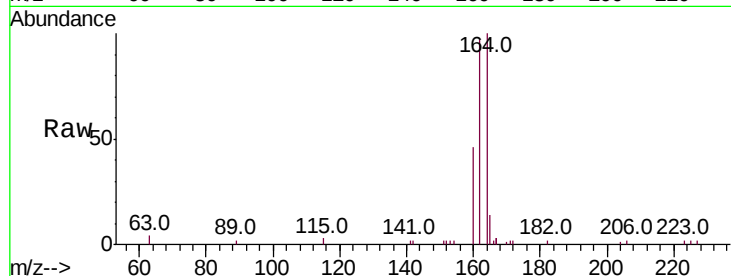




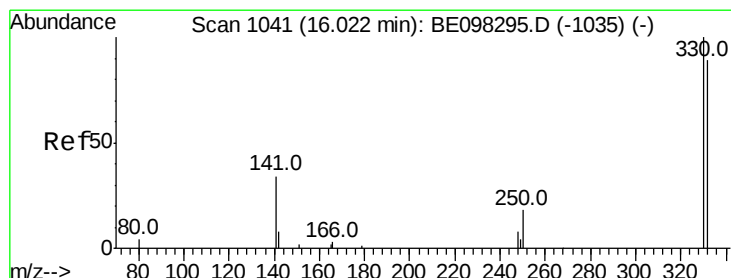
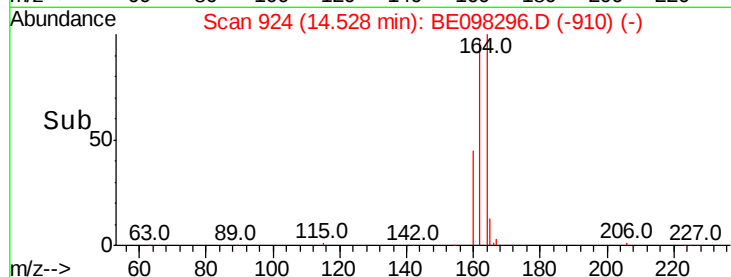
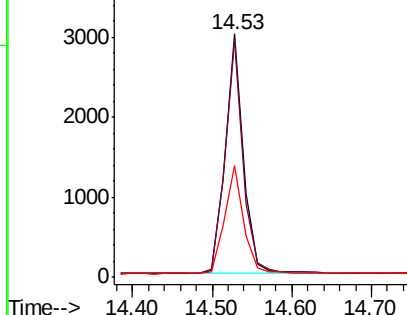
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098296.D
Acq: 10 Dec 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:164 Resp: 4734
Ion Ratio Lower Upper
164 100
162 97.2 77.6 116.4
160 46.1 36.0 54.0

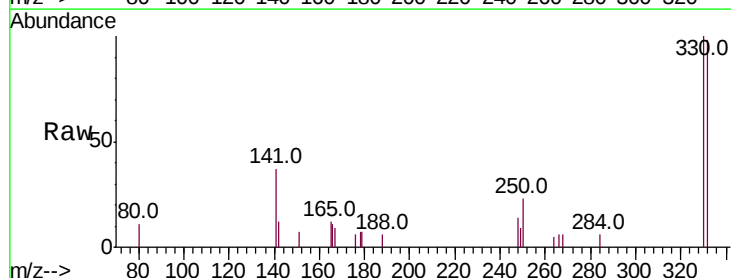


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

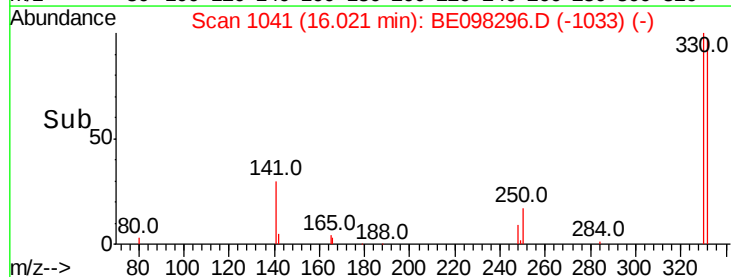
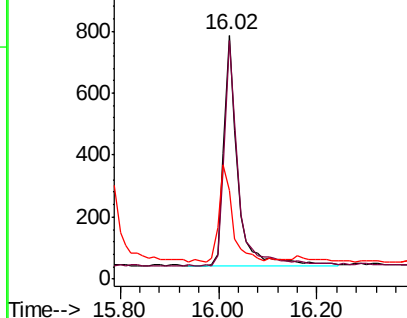


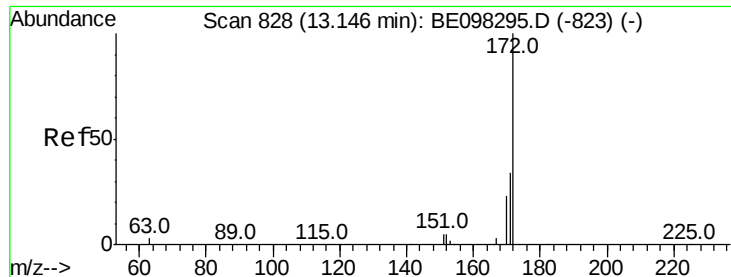
#14
2,4,6-Tribromophenol
Concen: 0.657 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098296.D
Acq: 10 Dec 2018 13:06

Tgt Ion:330 Resp: 1475
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 40.4 39.0 58.4



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

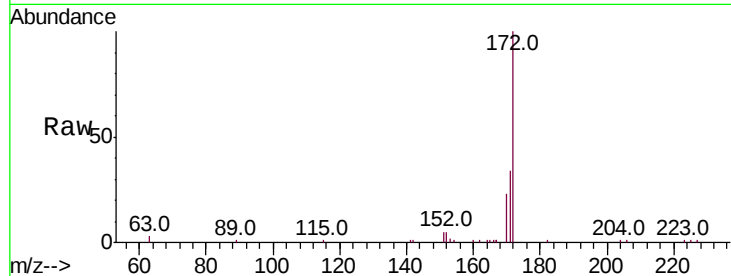




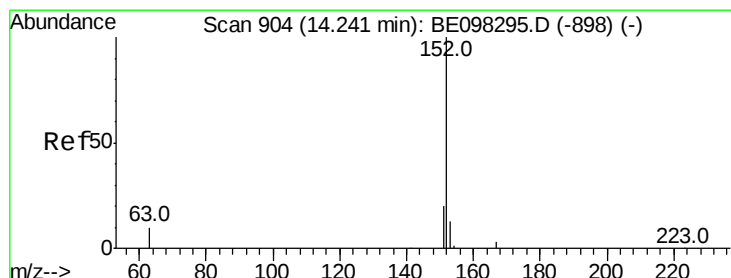
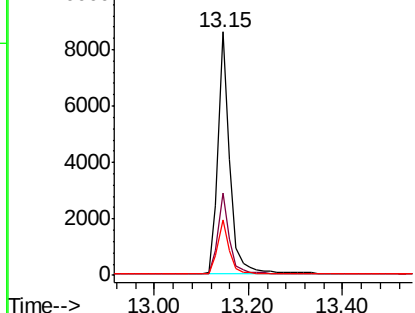
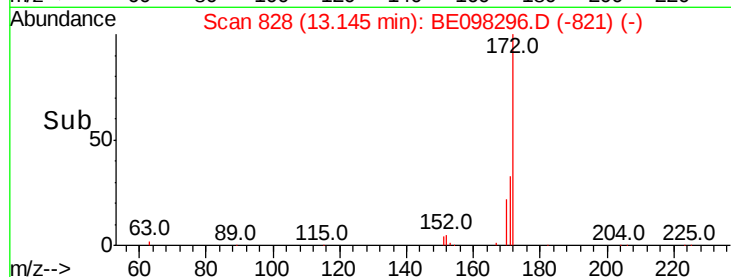
#15
 2-Fluorobiphenyl
 Concen: 0.767 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098296.D
 Acq: 10 Dec 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:172 Resp: 15034
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.5 41.3
 170 22.9 19.6 29.4

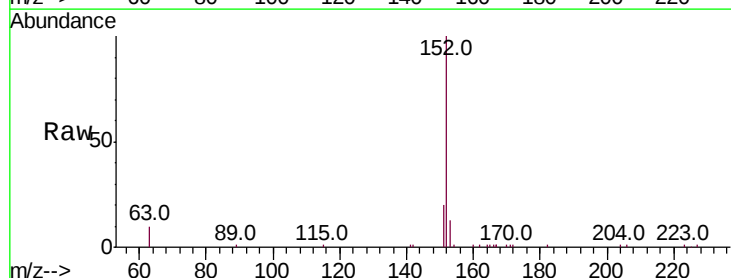


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

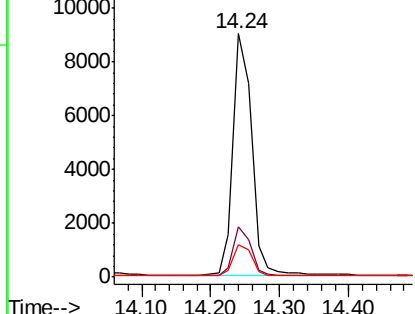
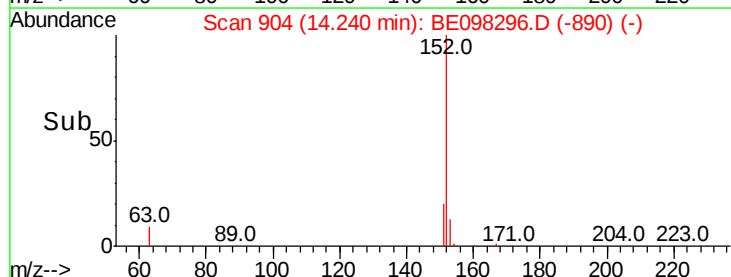


#16
 Acenaphthylene
 Concen: 0.771 ng
 RT: 14.24 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE098296.D
 Acq: 10 Dec 2018 13:06

Tgt Ion:152 Resp: 17030
 Ion Ratio Lower Upper
 152 100
 151 19.5 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

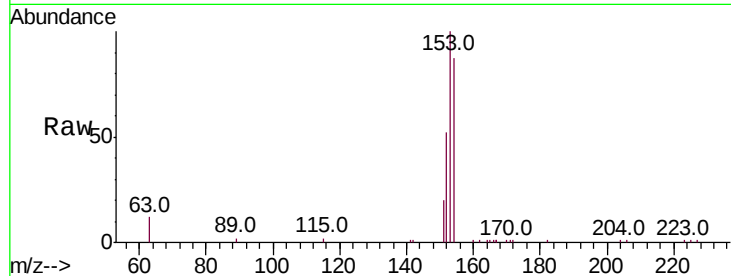




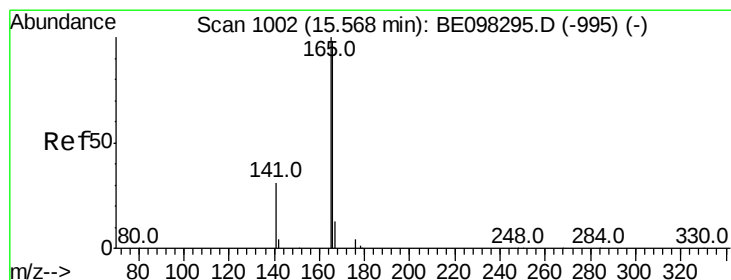
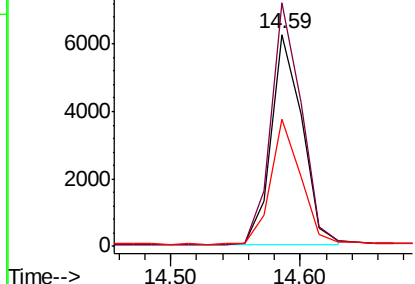
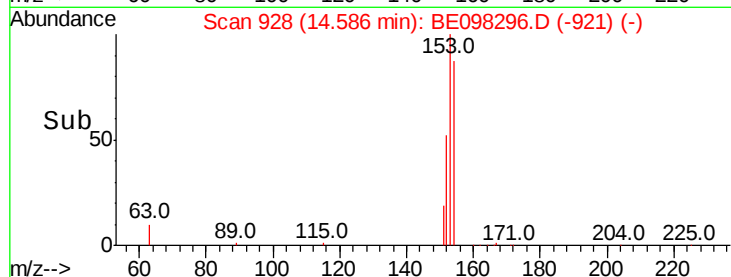
#17
Acenaphthene
Concen: 0.788 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098296.D
Acq: 10 Dec 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:154 Resp: 10377
Ion Ratio Lower Upper
154 100
153 113.9 91.8 137.6
152 57.8 45.5 68.3

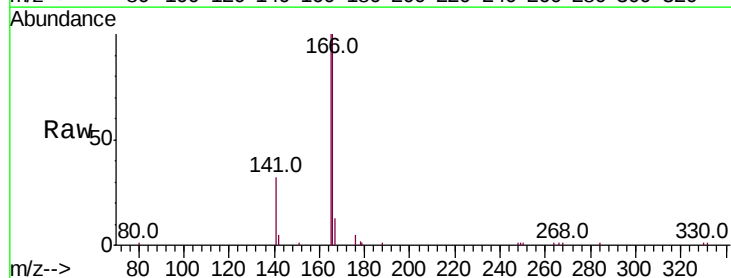


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

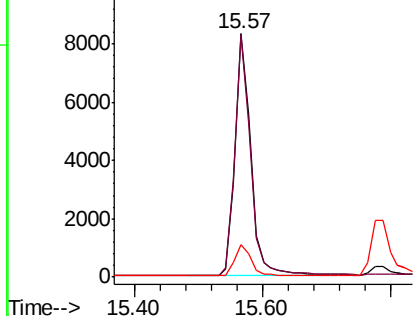
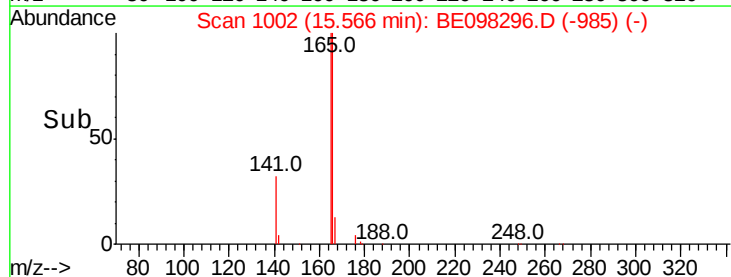


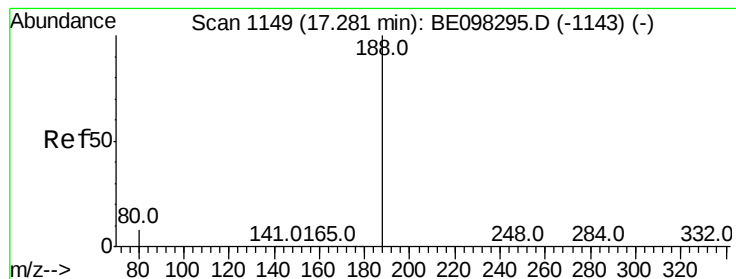
#18
Fluorene
Concen: 0.804 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098296.D
Acq: 10 Dec 2018 13:06

Tgt Ion:166 Resp: 14034
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.6 11.3 16.9



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

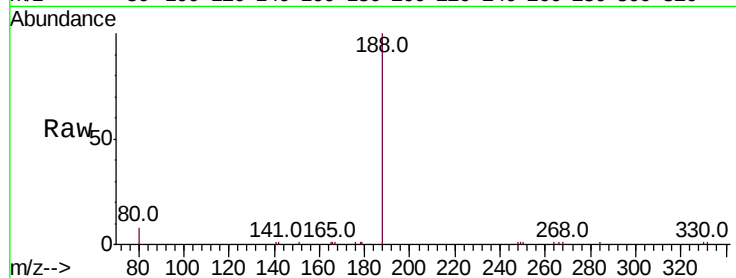
Tot Ion:188 Resp: 12581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

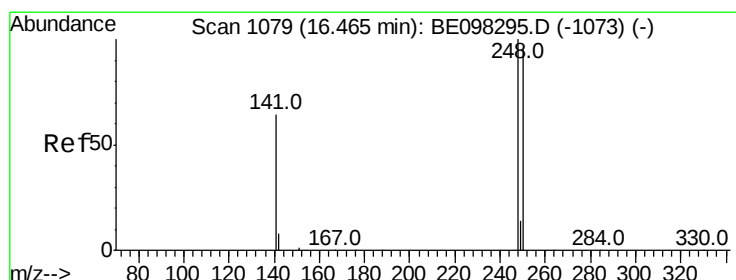
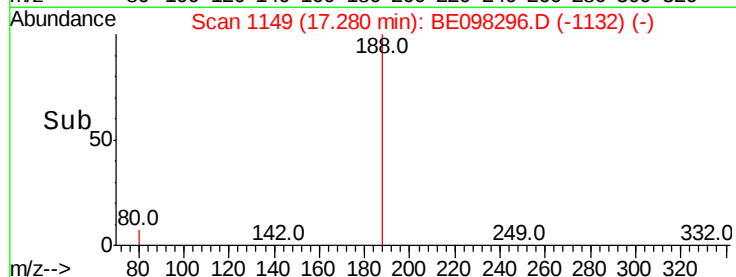
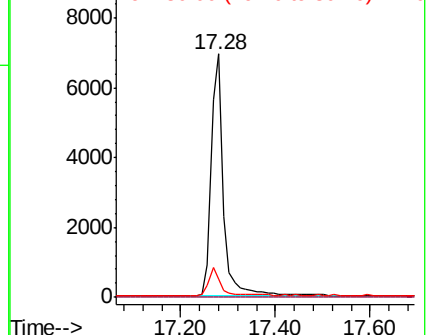
80 7.6 7.2 10.8



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: 0.755 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

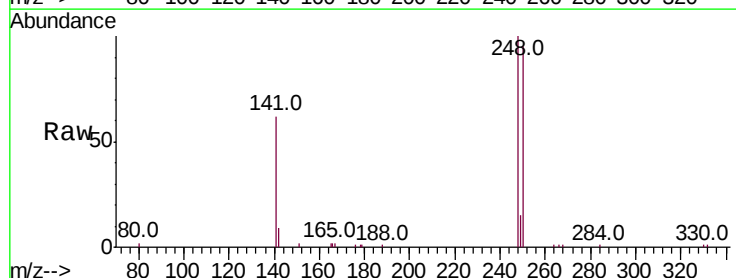
Tgt Ion:248 Resp: 5377

Ion Ratio Lower Upper

248 100

250 94.8 71.0 106.6

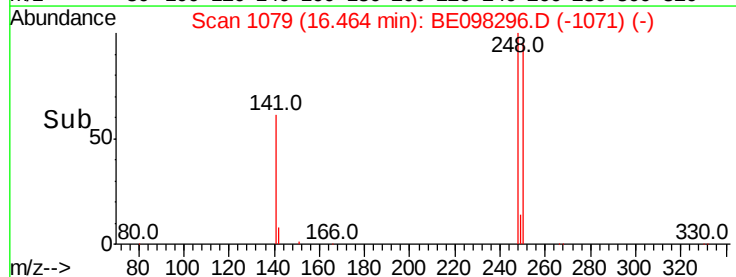
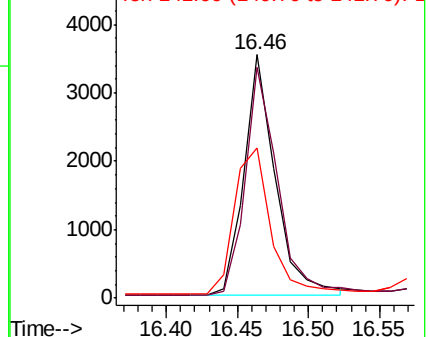
141 61.8 62.1 93.1#

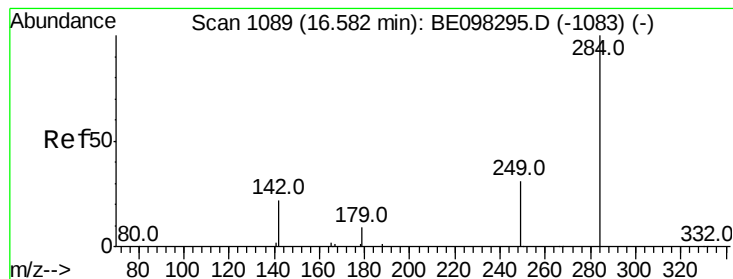


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.767 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

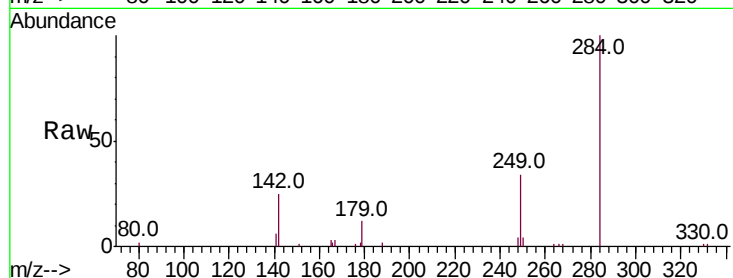
Tot Ion:284 Resp: 5648

Ion Ratio Lower Upper

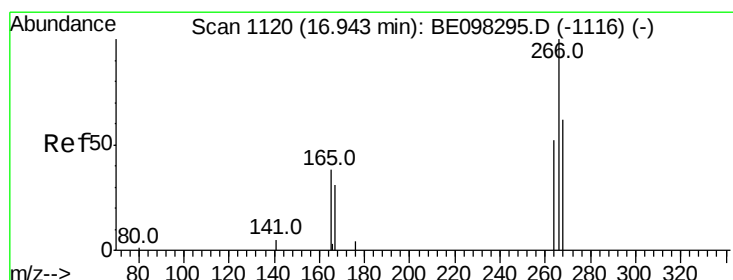
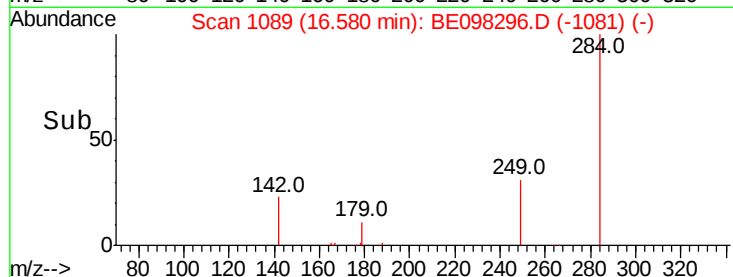
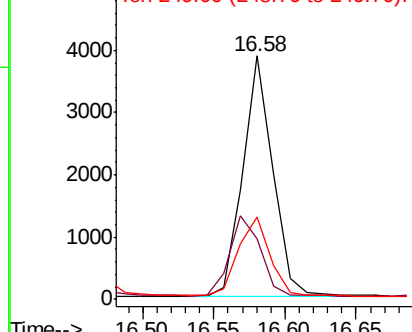
284 100

142 34.5 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: 0.414 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

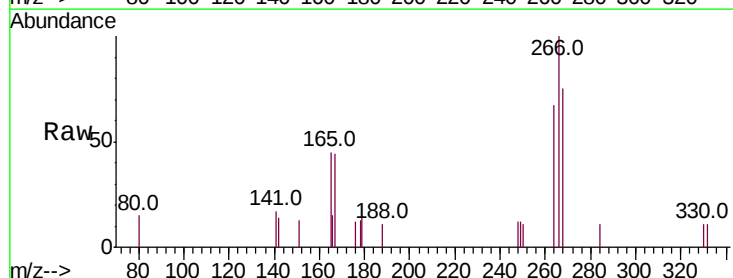
Tgt Ion:266 Resp: 988

Ion Ratio Lower Upper

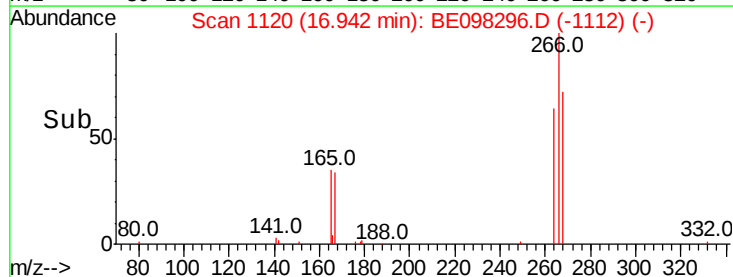
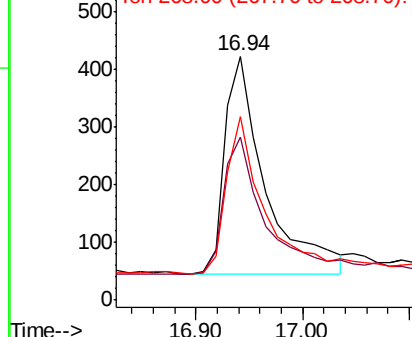
266 100

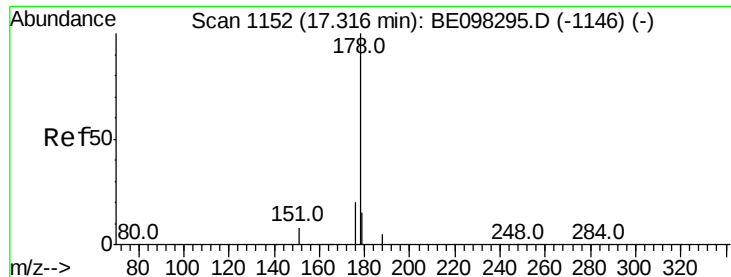
264 66.9 59.0 88.4

268 75.2 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: 0.767 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

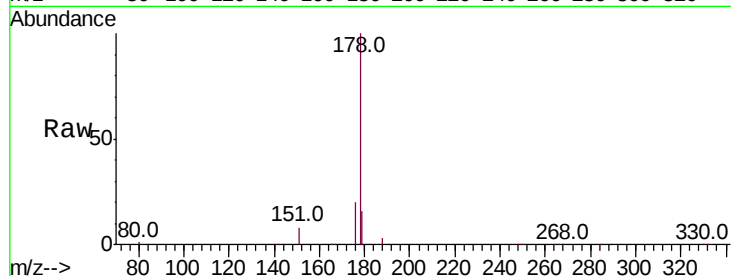
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:178 Resp: 23976

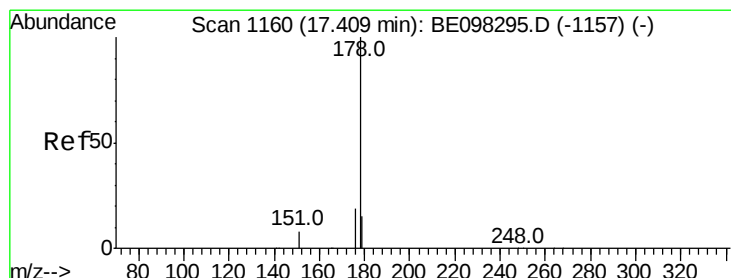
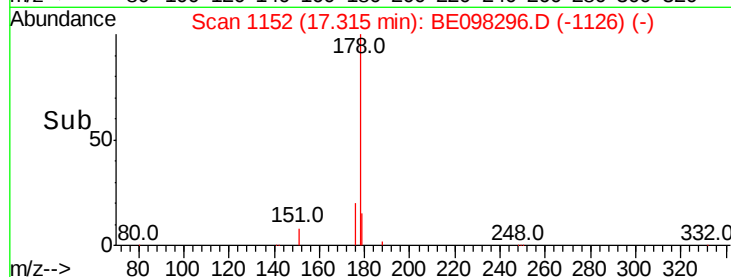
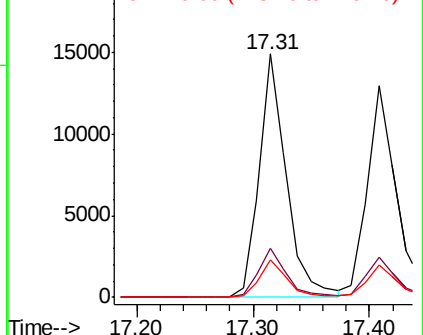
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.3	12.3	18.5



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: 0.742 ng

RT: 17.41 min Scan# 1160

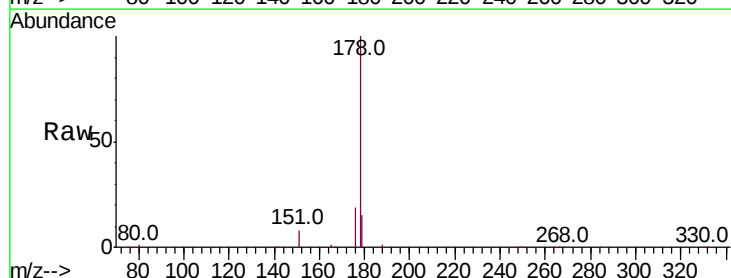
Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Tgt Ion:178 Resp: 21588

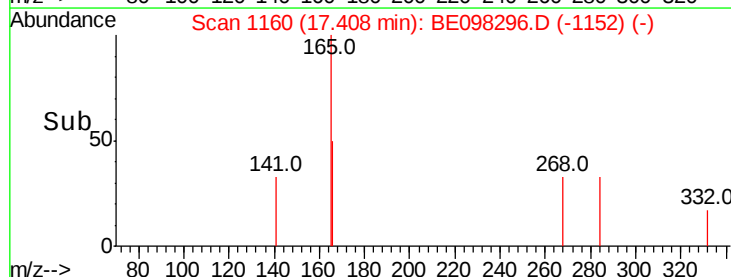
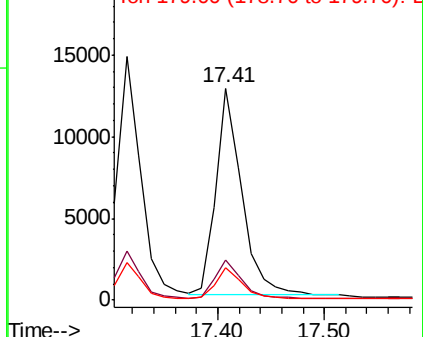
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.3	18.5



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: 0.751 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

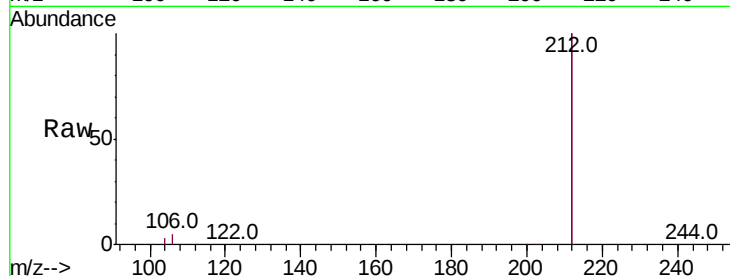
Tot Ion:212 Resp: 127430

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

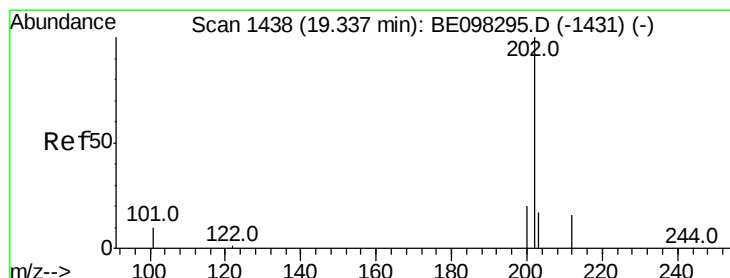
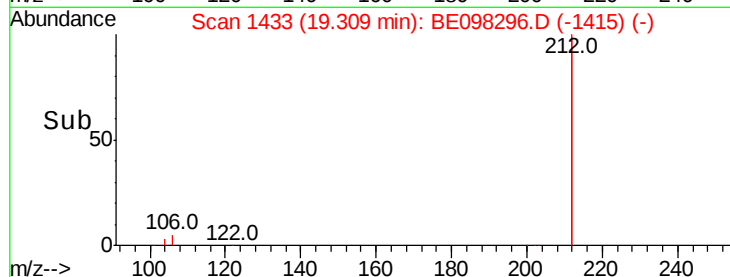
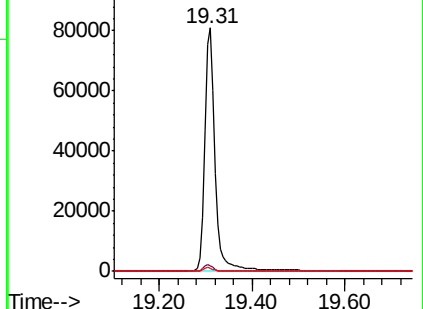
104 1.5 1.3 1.9



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: 0.750 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

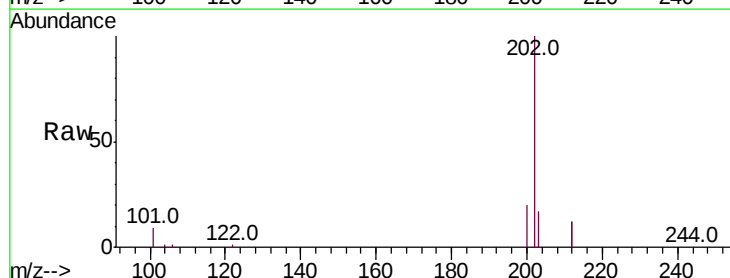
Tgt Ion:202 Resp: 31972

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

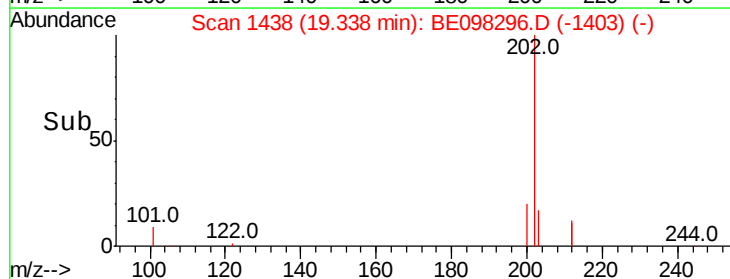
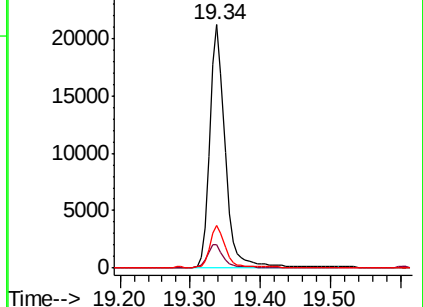
203 16.7 13.8 20.6



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: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

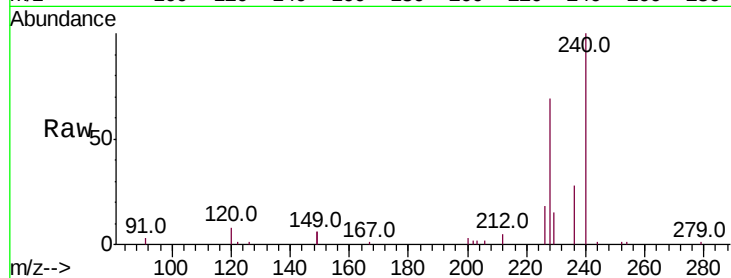
Tot Ion:240 Resp: 12702

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

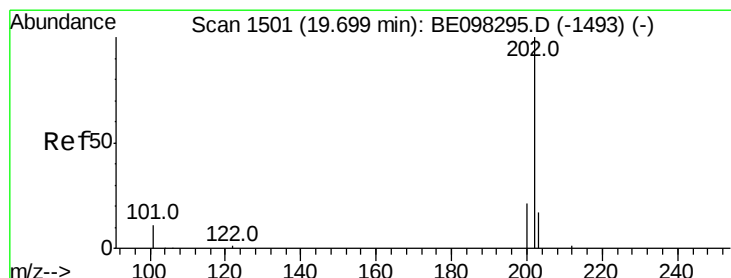
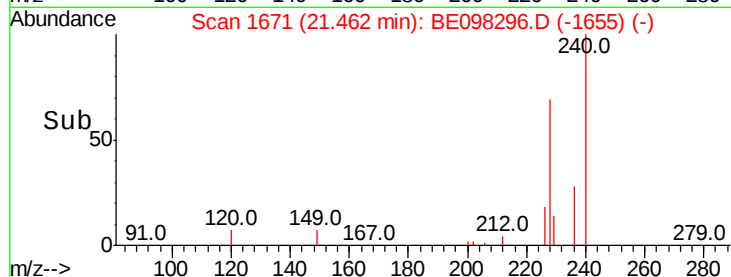
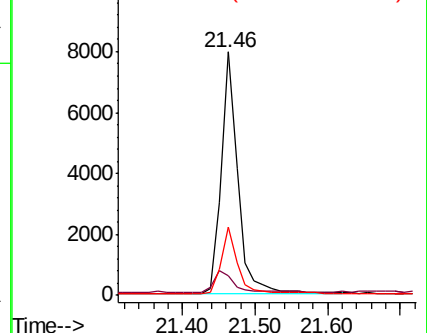
236 28.1 22.7 34.1



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: 0.928 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

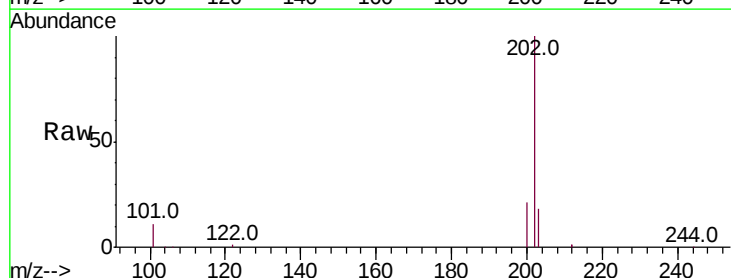
Tgt Ion:202 Resp: 32654

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

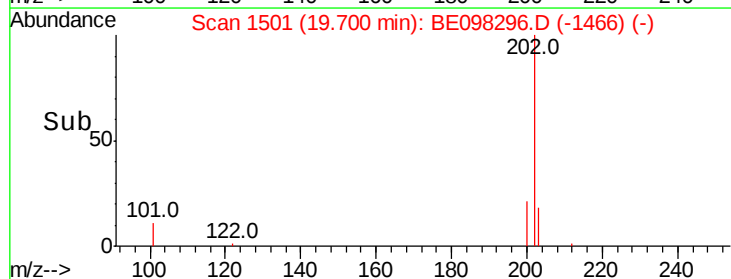
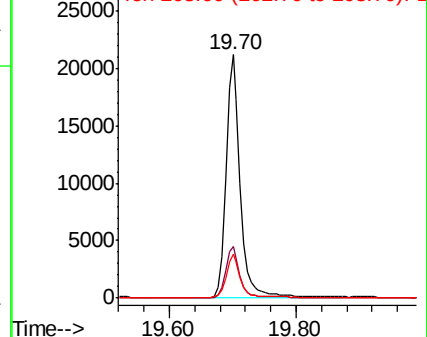
203 17.5 14.1 21.1

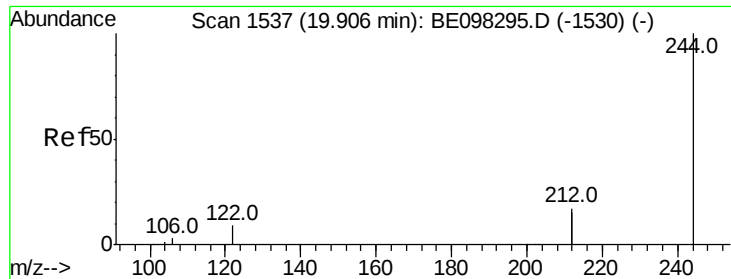


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.863 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

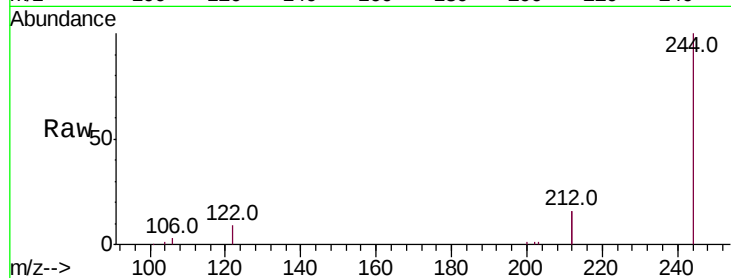
Tot Ion:244 Resp: 24638

Ion Ratio Lower Upper

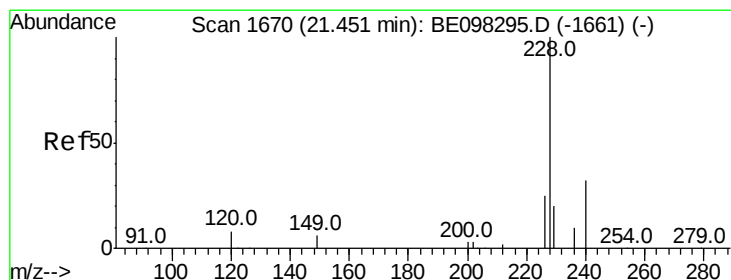
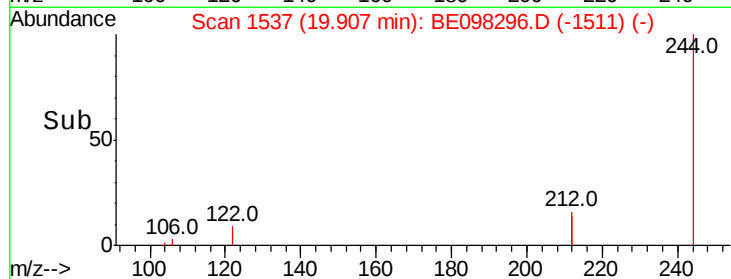
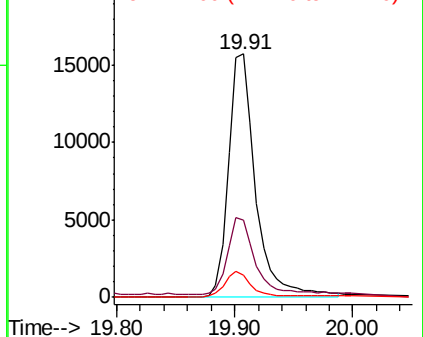
244 100

212 31.5 27.4 41.0

122 9.0 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: 0.758 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

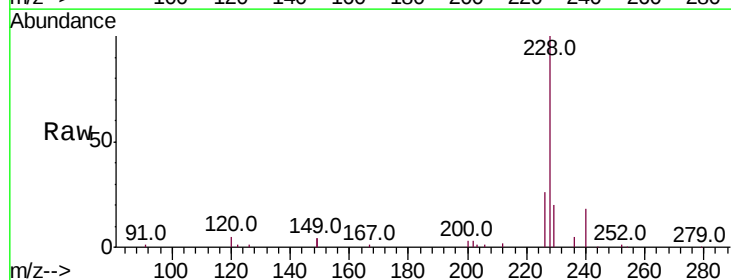
Tgt Ion:228 Resp: 28370

Ion Ratio Lower Upper

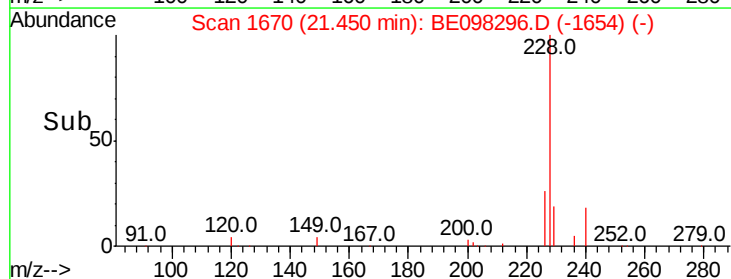
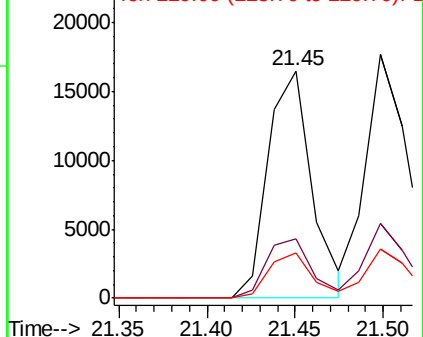
228 100

226 25.9 21.8 32.8

229 19.7 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: 0.776 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

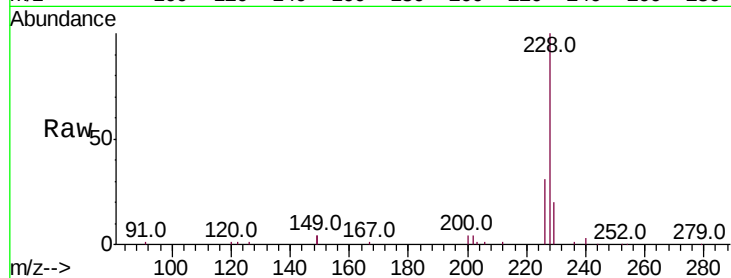
Tot Ion:228 Resp: 29478

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

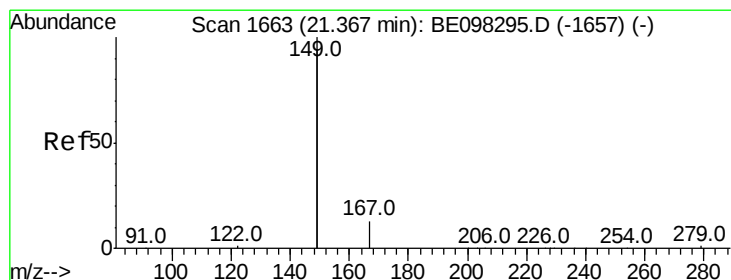
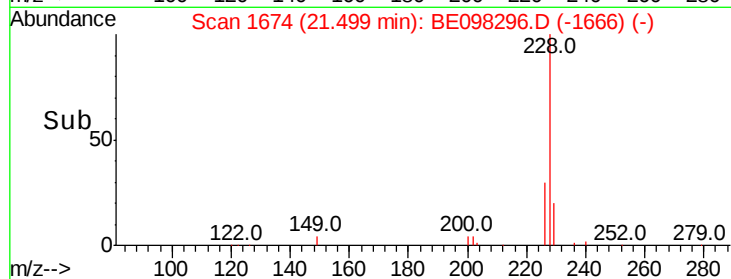
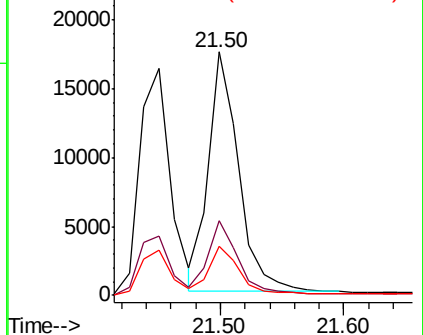
229 20.0 16.2 24.4



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: 0.615 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

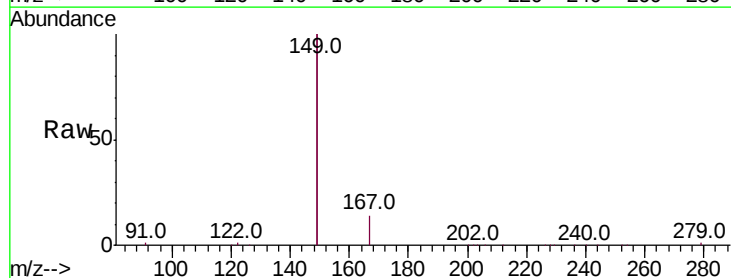
Tgt Ion:149 Resp: 55100

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

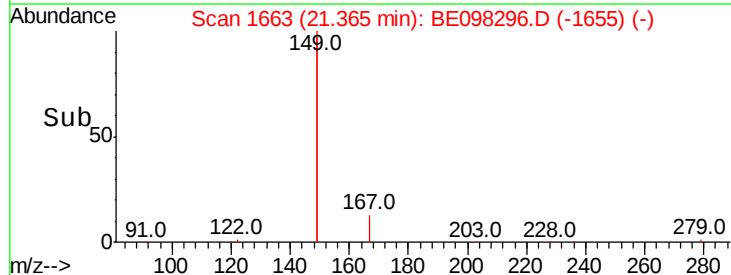
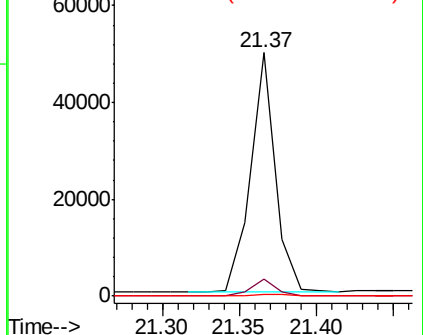
279 1.0 1.0 1.4

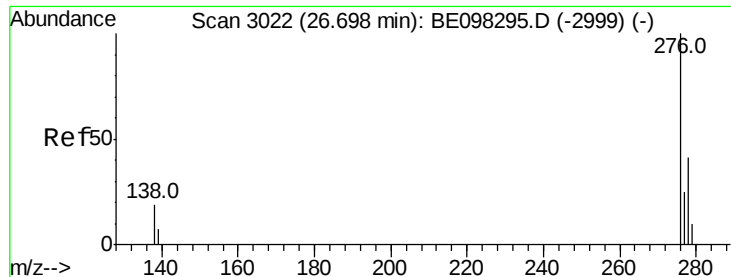


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

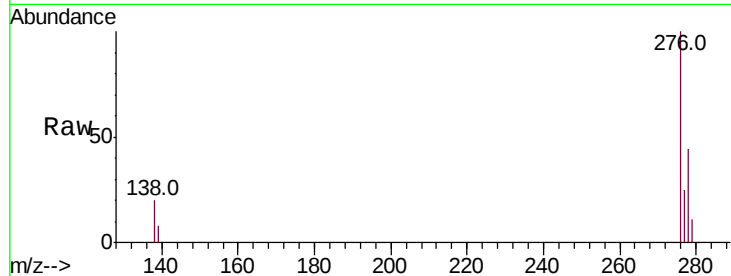




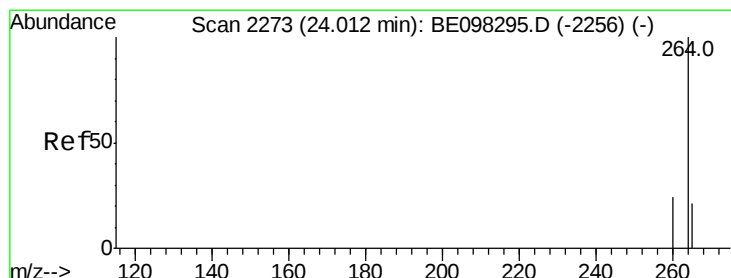
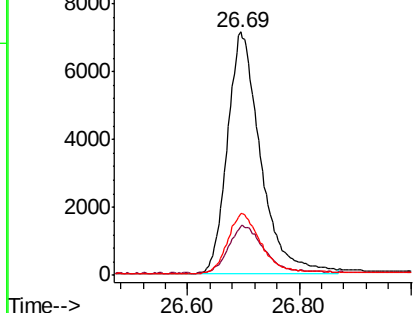
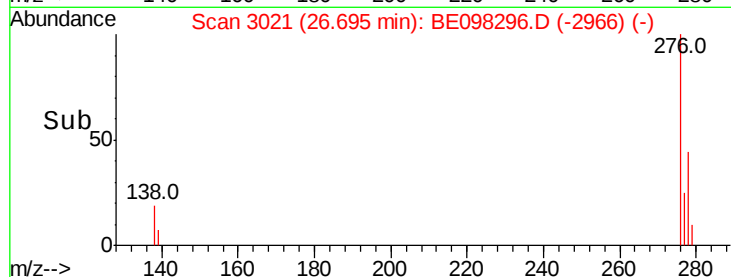
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.764 ng
 RT: 26.69 min Scan# 3021
 Delta R.T. -0.00 min
 Lab File: BE098296.D
 Acq: 10 Dec 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:276 Resp: 29359
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.3 24.5
 277 24.8 20.2 30.4

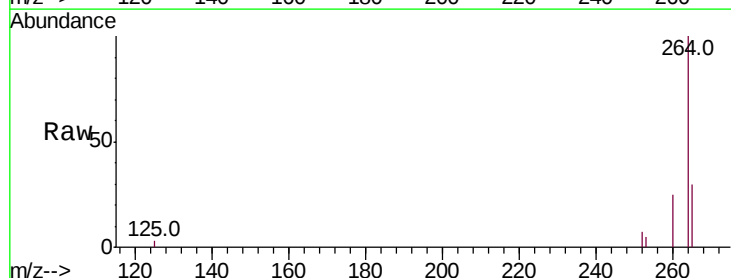


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

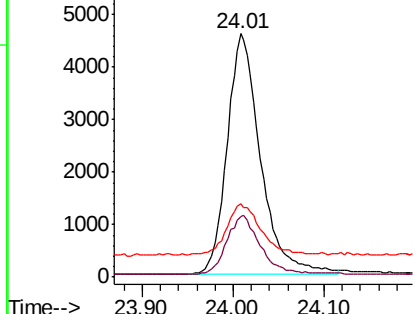
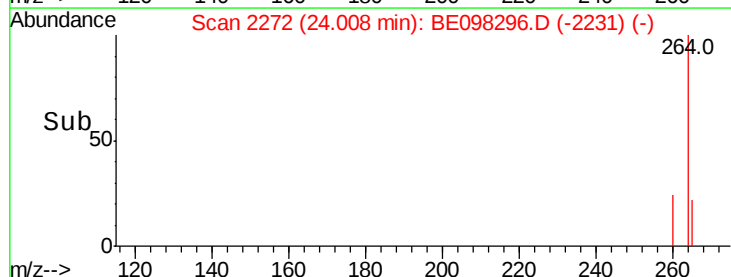


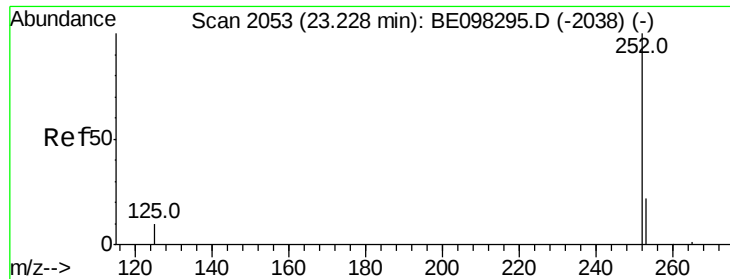
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098296.D
 Acq: 10 Dec 2018 13:06

Tgt Ion:264 Resp: 11670
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 30.0 25.2 37.8



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: 0.745 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

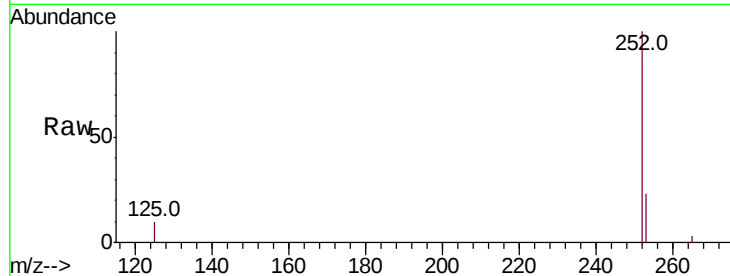
Tot Ion:252 Resp: 25479

Ion Ratio Lower Upper

252 100

253 22.6 20.0 30.0

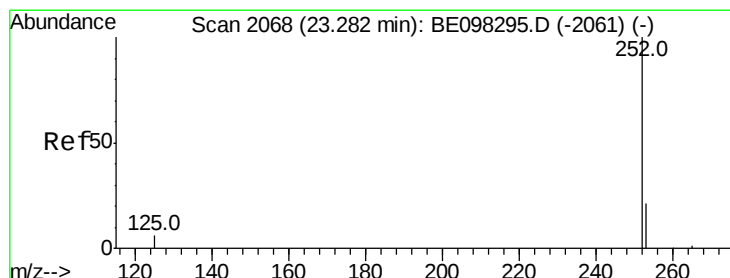
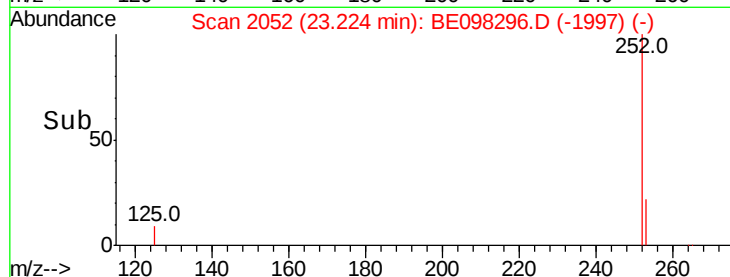
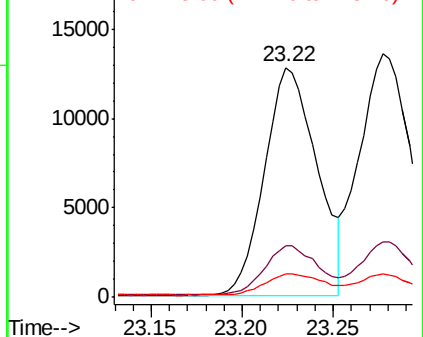
125 10.0 9.6 14.4



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



#36

Benzo(k)fluoranthene

Concen: 0.823 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

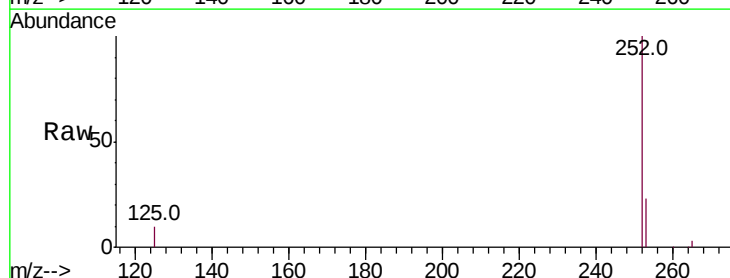
Tgt Ion:252 Resp: 29568

Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.6

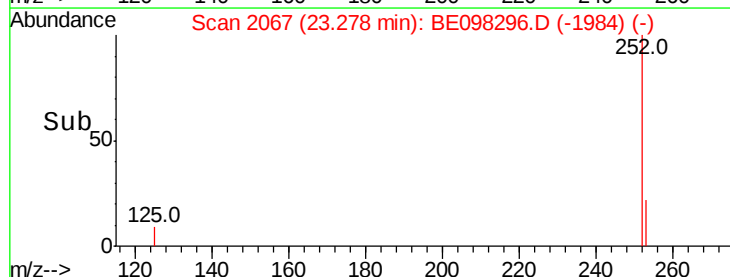
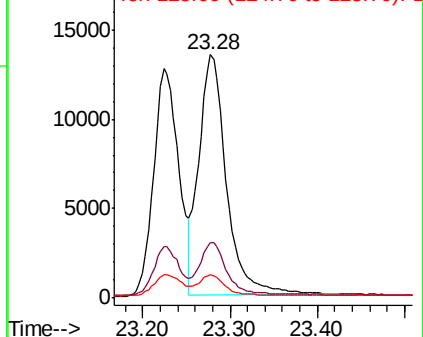
125 9.5 9.1 13.7



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





#37

Benzo(a)pyrene

Concen: 0.781 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

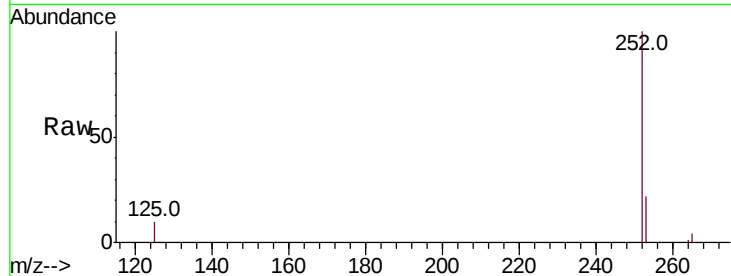
Tot Ion:252 Resp: 25735

Ion Ratio Lower Upper

252 100

253 22.2 20.6 30.8

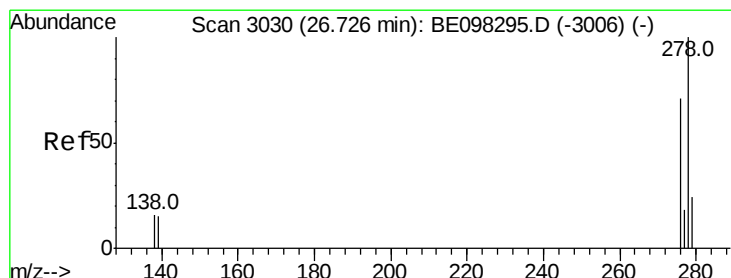
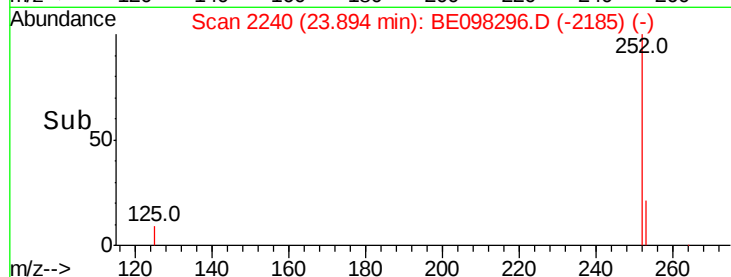
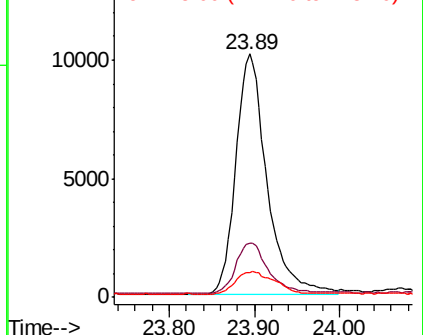
125 10.2 10.5 15.7#



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: 0.784 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.01 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

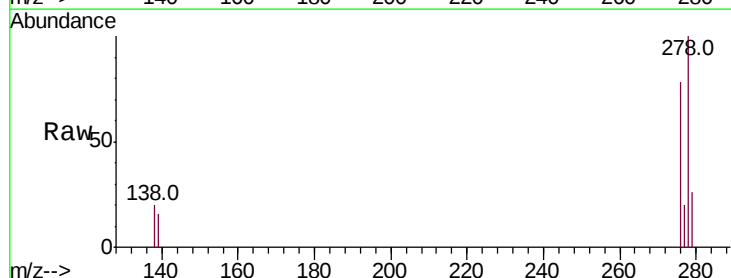
Tgt Ion:278 Resp: 24488

Ion Ratio Lower Upper

278 100

139 16.0 14.5 21.7

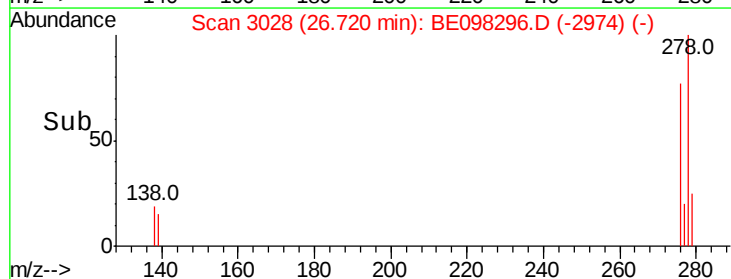
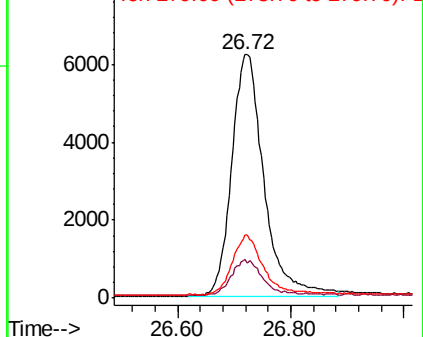
279 25.8 21.8 32.8

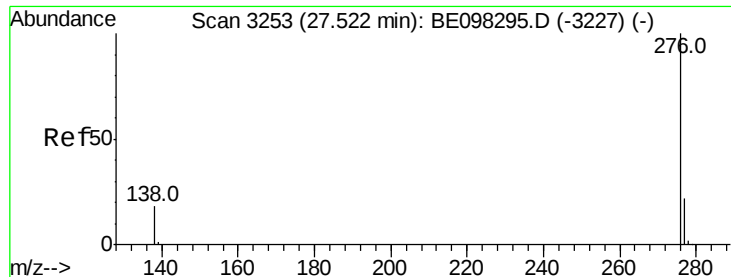


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.796 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE098296.D

Acq: 10 Dec 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

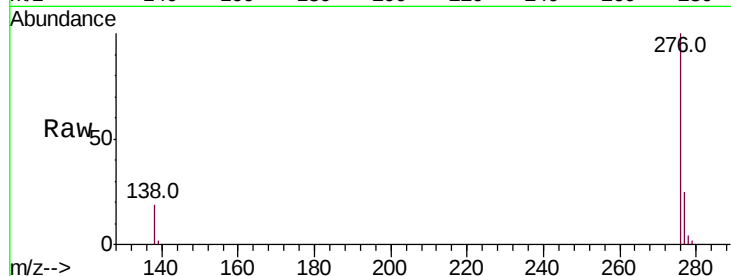
Tot Ion:276 Resp: 24915

Ion Ratio Lower Upper

276 100

277 24.5 20.8 31.2

138 19.0 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

