

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098187.D
 Acq On : 12 Nov 2018 12:19
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

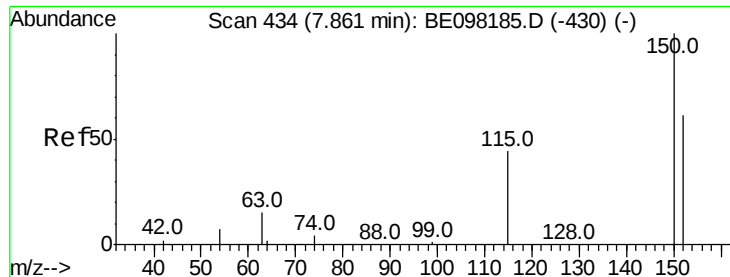
Quant Time: Nov 12 13:27:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 11:35:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1218	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5841	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3976	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9054	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10558	0.40	ng	0.00
34) Perylene-d12	24.01	264	9636	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	5237	1.45	ng	0.00
5) Phenol-d6	7.03	99	8581	1.44	ng	-0.01
8) Nitrobenzene-d5	9.02	82	9514	1.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	15947	1.55	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	2698	1.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	23778	1.45	ng	0.00
25) Fluoranthene-d10	19.31	212	176432	1.51	ng	0.00
29) Terphenyl-d14	19.91	244	36203	1.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2805	1.545	ng	95
3) n-Nitrosodimethylamine	3.68	42	3932	1.621	ng	# 94
6) bis(2-Chloroethyl)ether	7.29	93	6762	1.552	ng	98
9) Naphthalene	10.72	128	91592	1.569	ng	99
10) Hexachlorobutadiene	11.00	225	5786	1.511	ng	99
12) 2-Methylnaphthalene	12.34	142	16486	1.582	ng	95
16) Acenaphthylene	14.26	152	28714	1.583	ng	99
17) Acenaphthene	14.60	154	17204	1.579	ng	98
18) Fluorene	15.57	166	22434	1.552	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	8847	1.602	ng	97
21) Hexachlorobenzene	16.58	284	9004	1.560	ng	98
22) Pentachlorophenol	16.94	266	1999	1.560	ng	93
23) Phenanthrene	17.31	178	35385	1.578	ng	100
24) Anthracene	17.41	178	33793	1.584	ng	99
26) Fluoranthene	19.34	202	43927	1.563	ng	100
28) Pyrene	19.70	202	45132	1.566	ng	99
30) Benzo(a)anthracene	21.45	228	47439	1.537	ng	99
31) Chrysene	21.50	228	47022	1.541	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	98177	0.899	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	44948	1.416	ng	# 92
35) Benzo(b)fluoranthene	23.22	252	43278	1.595	ng	# 95
36) Benzo(k)fluoranthene	23.28	252	46107	1.641	ng	97
37) Benzo(a)pyrene	23.89	252	41700	1.573	ng	97
38) Dibenzo(a,h)anthracene	26.72	278	37724	1.525	ng	# 89
39) Benzo(g,h,i)perylene	27.53	276	37422	1.520	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

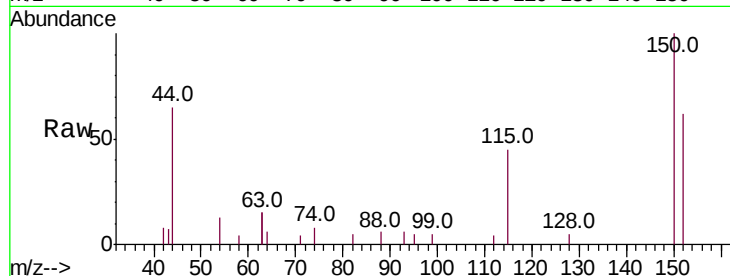
Tot Ion:152 Resp: 1218

Ion Ratio Lower Upper

152 100

150 161.8 127.5 191.3

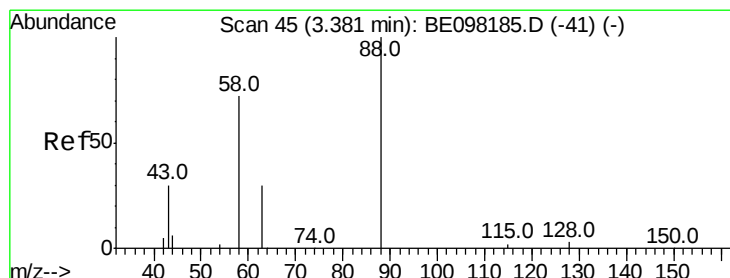
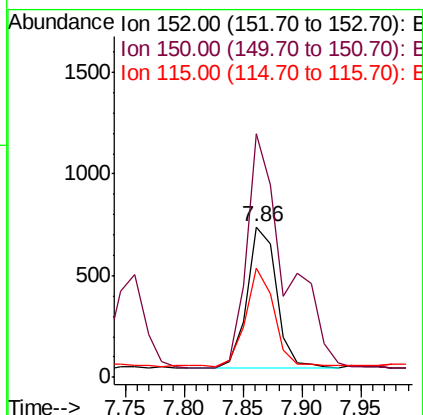
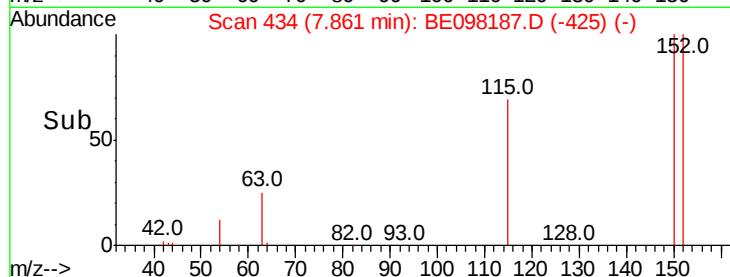
115 72.8 60.3 90.5



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: 1.545 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

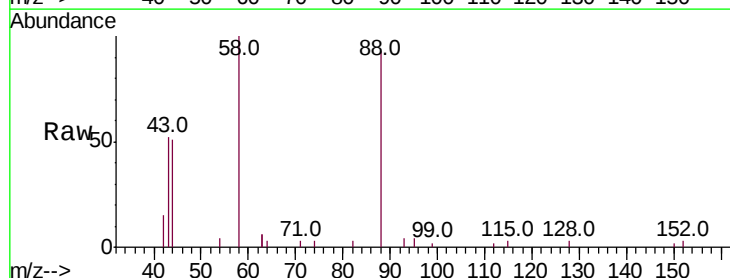
Tgt Ion: 88 Resp: 2805

Ion Ratio Lower Upper

88 100

58 93.1 79.0 118.4

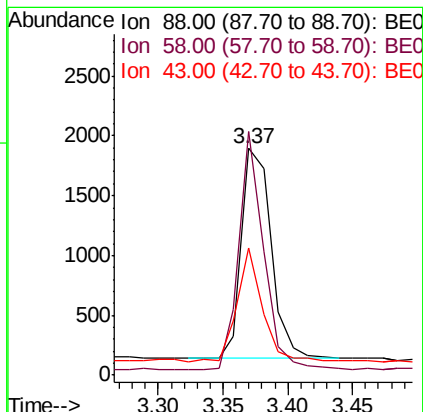
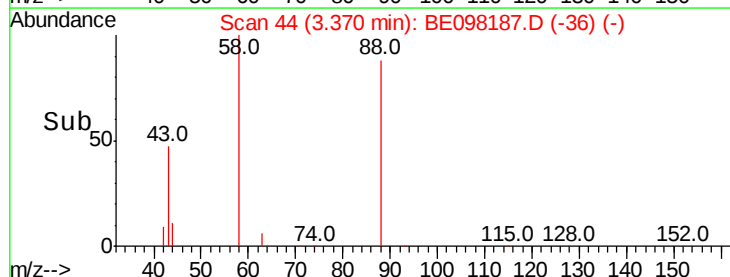
43 45.4 38.1 57.1

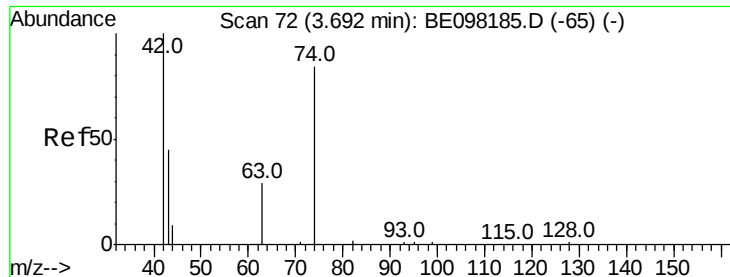


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



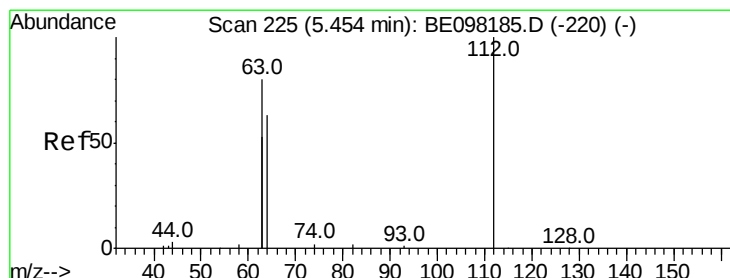
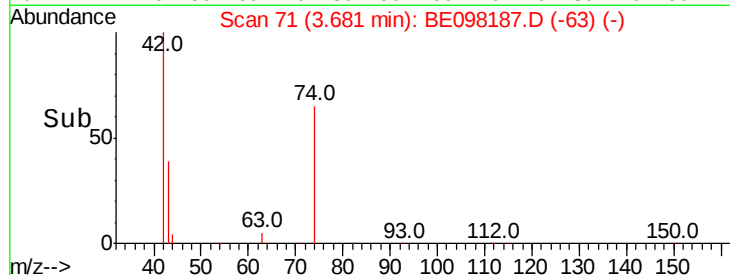
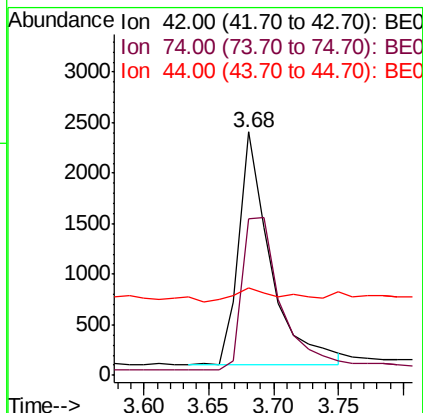
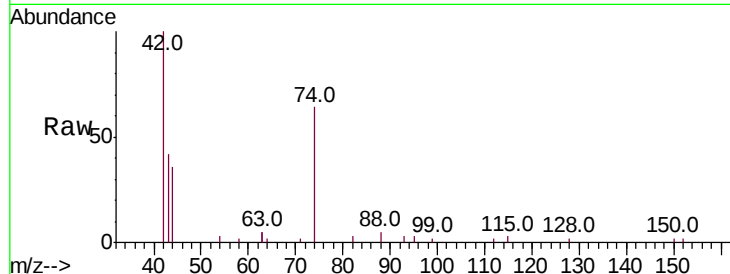


#3

n-Nitrosodimethylamine
 Concen: 1.621 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098187.D
 Acq: 12 Nov 2018 12:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

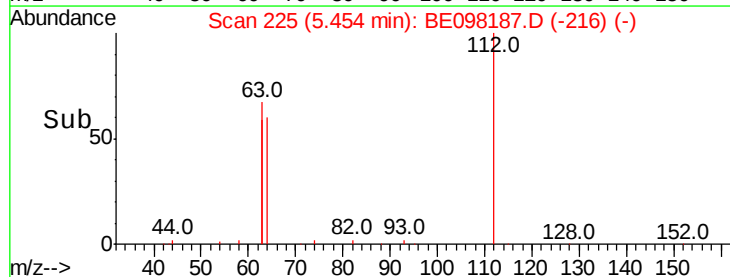
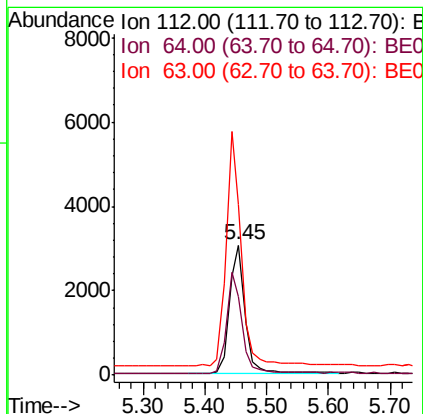
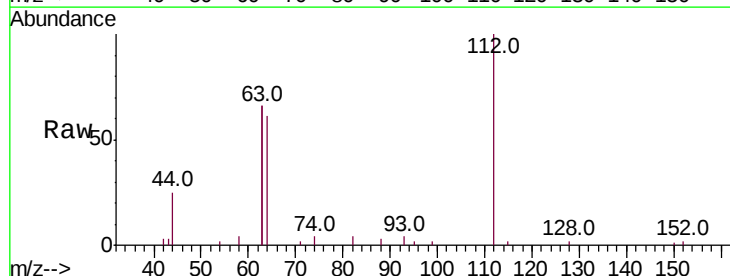
Tot Ion: 42 Resp: 3932
 Ion Ratio Lower Upper
 42 100
 74 80.3 61.7 92.5
 44 10.0 14.0 21.0#

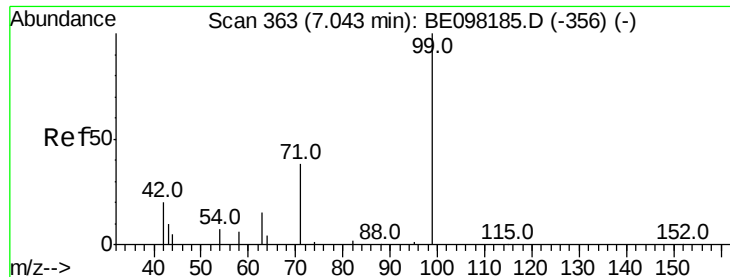


#4

2-Fluorophenol
 Concen: 1.449 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098187.D
 Acq: 12 Nov 2018 12:19

Tgt Ion: 112 Resp: 5237
 Ion Ratio Lower Upper
 112 100
 64 78.0 61.7 92.5
 63 176.9 136.2 204.2





#5

Phenol-d6

Concen: 1.441 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

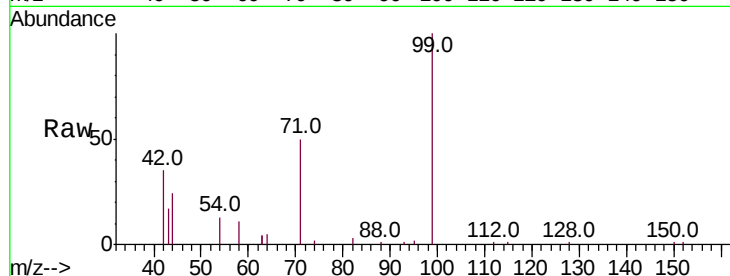
Tot Ion: 99 Resp: 8581

Ion Ratio Lower Upper

99 100

42 32.8 27.1 40.7

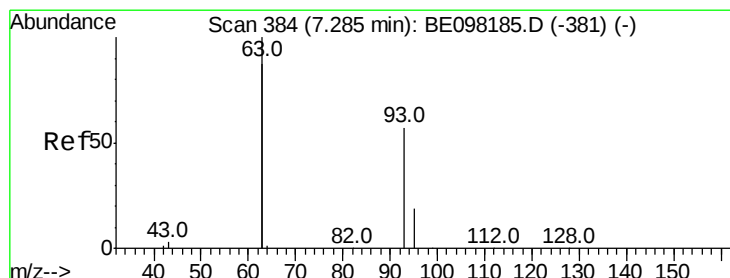
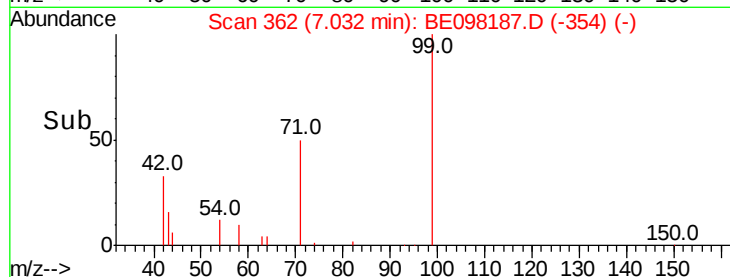
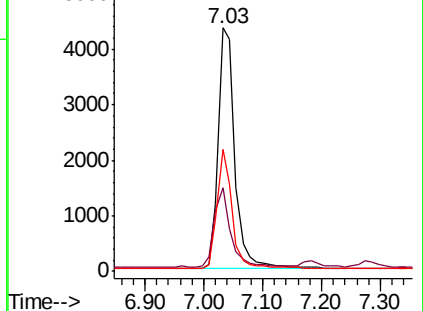
71 45.1 37.0 55.6



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: 1.552 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

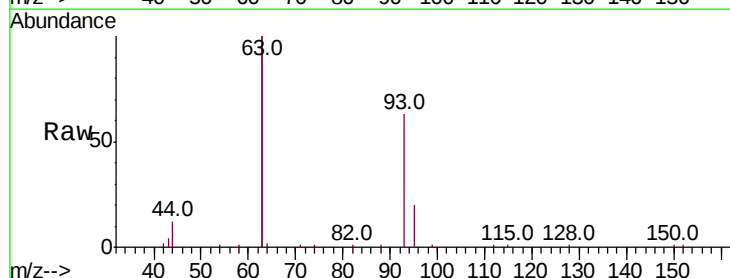
Tgt Ion: 93 Resp: 6762

Ion Ratio Lower Upper

93 100

63 344.0 272.6 409.0

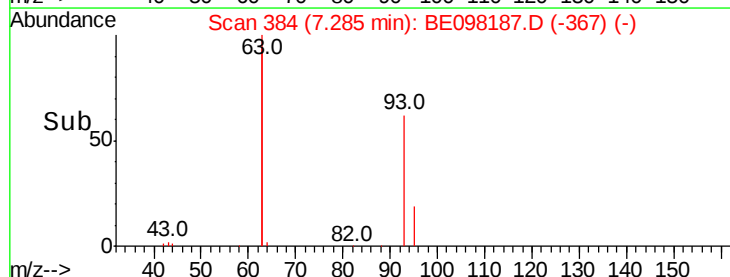
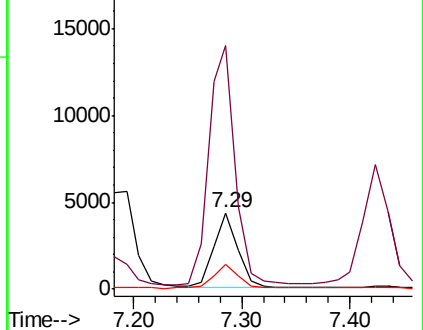
95 31.7 27.1 40.7

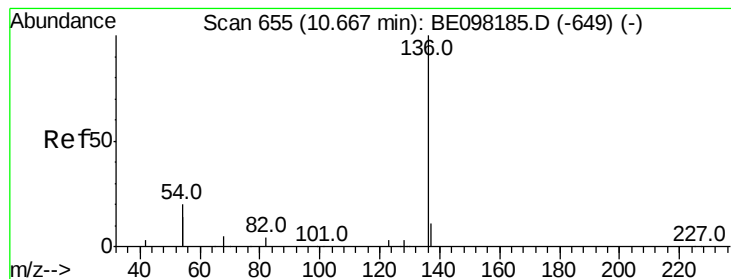


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 5841

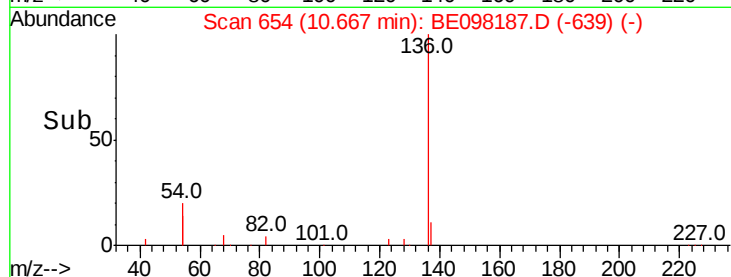
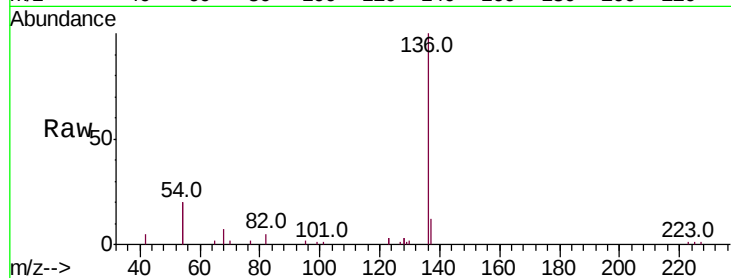
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 39.7 31.3 46.9

68 6.8 4.8 7.2

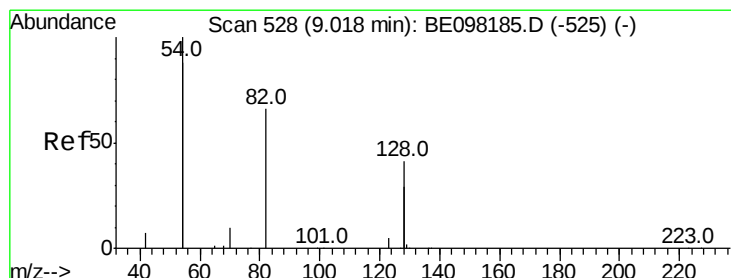
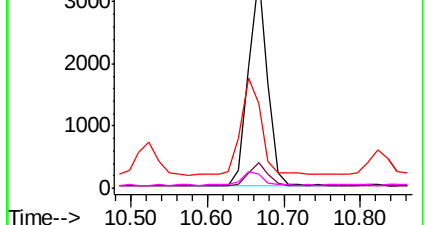


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.519 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

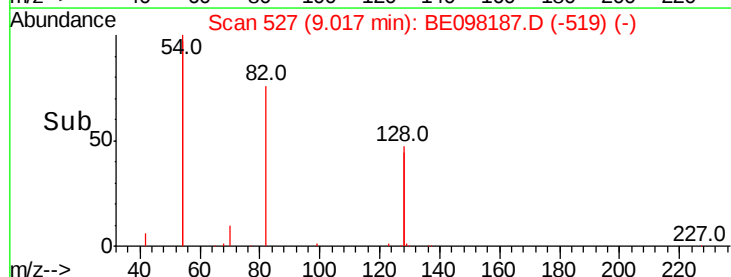
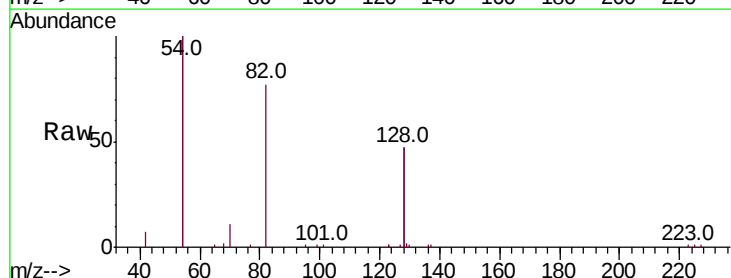
Tgt Ion: 82 Resp: 9514

Ion Ratio Lower Upper

82 100

128 122.7 96.1 144.1

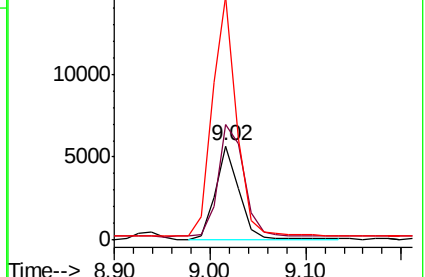
54 258.8 232.0 348.0

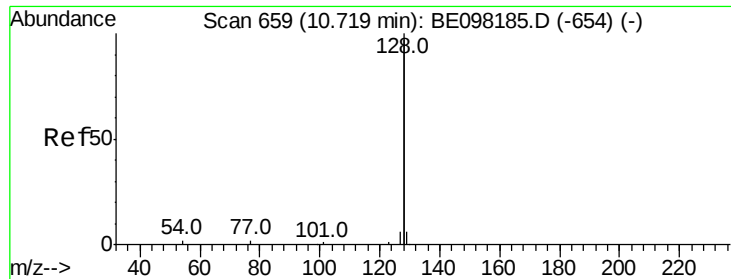


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.569 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

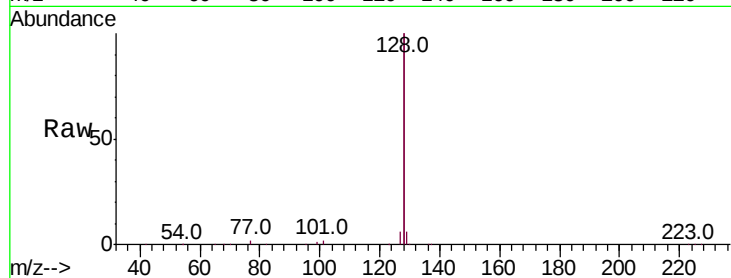
Tot Ion:128 Resp: 91592

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

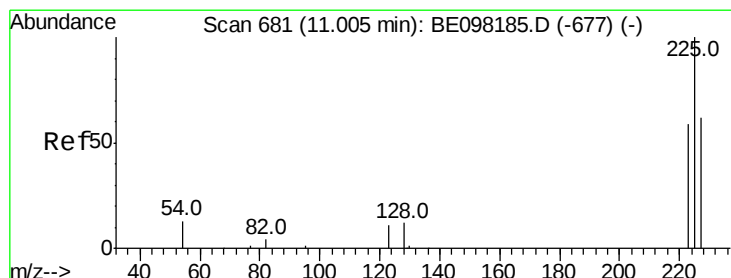
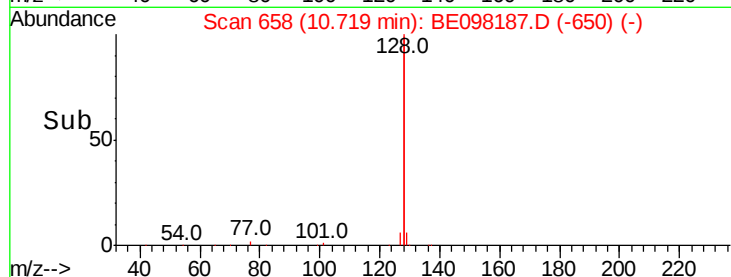
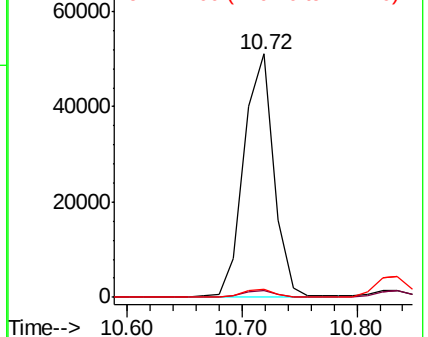
127 3.2 2.8 4.2



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: 1.511 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

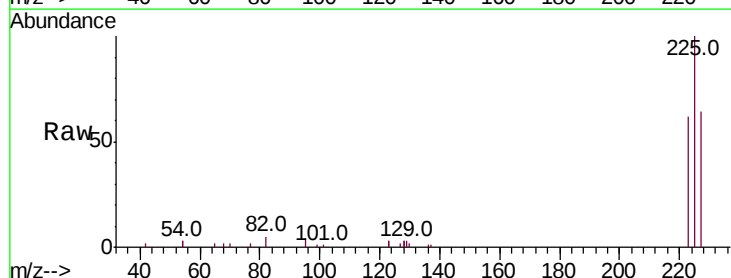
Tgt Ion:225 Resp: 5786

Ion Ratio Lower Upper

225 100

223 62.4 50.5 75.7

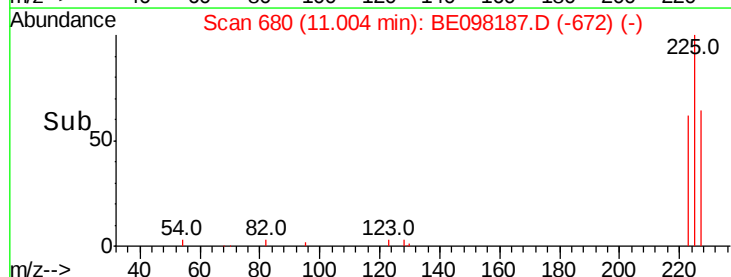
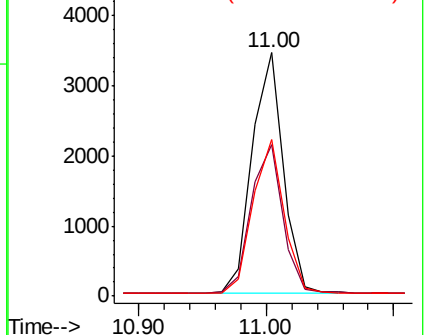
227 63.9 50.3 75.5

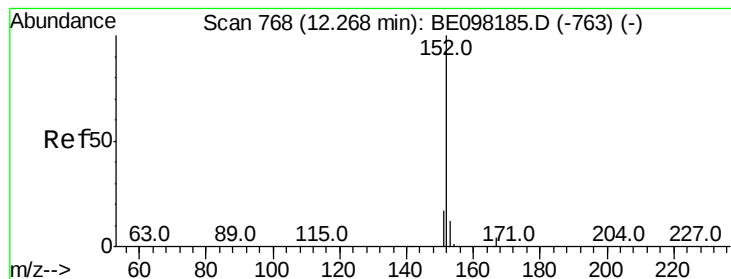


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.549 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

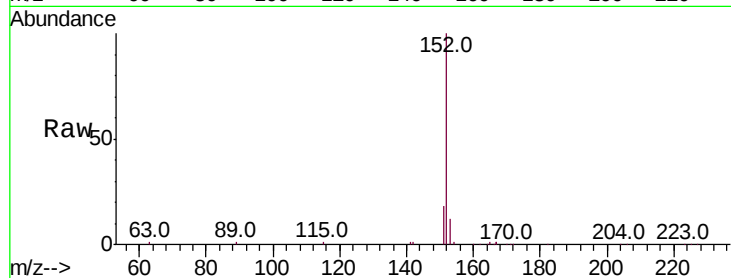
SSTDICC1.6

Tot Ion:152 Resp: 15947

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

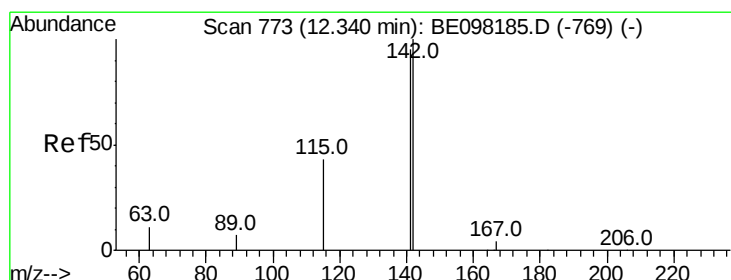
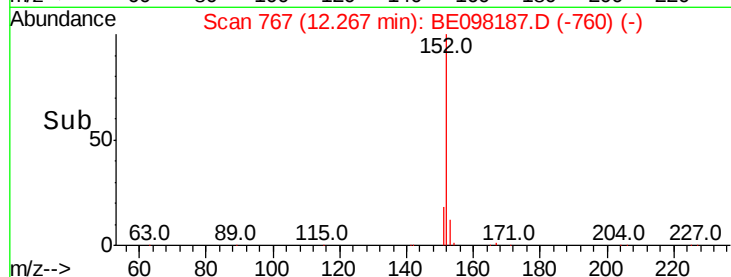
4000

2000

0

12.20 12.27 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 1.582 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

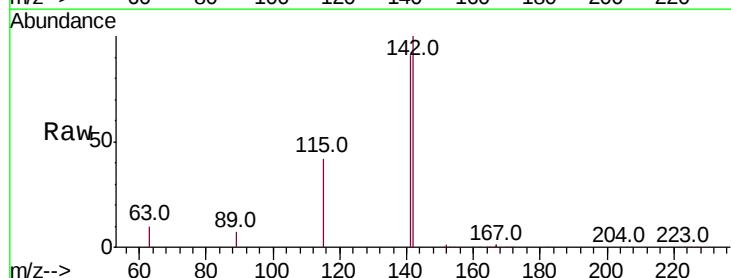
Tgt Ion:142 Resp: 16486

Ion Ratio Lower Upper

142 100

141 90.5 76.3 114.5

115 42.1 35.8 53.8



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

15000

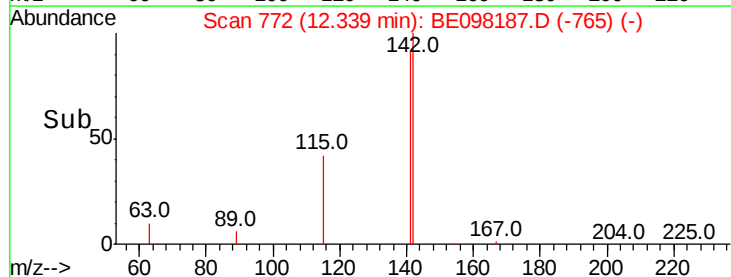
10000

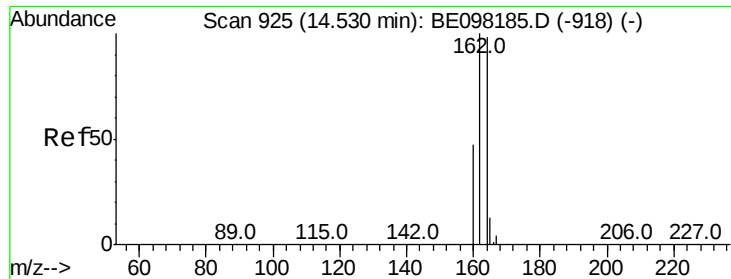
5000

0

12.25 12.30 12.34 12.40

Time-->

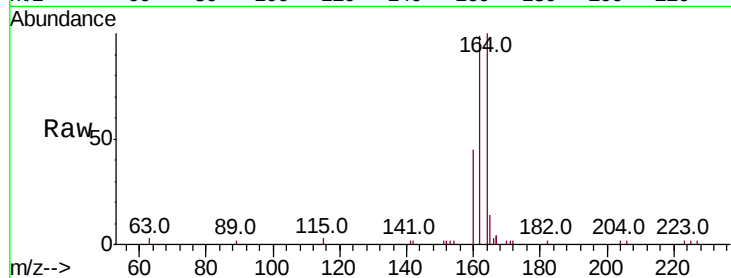




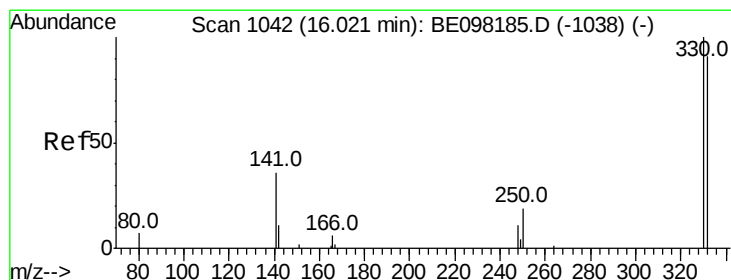
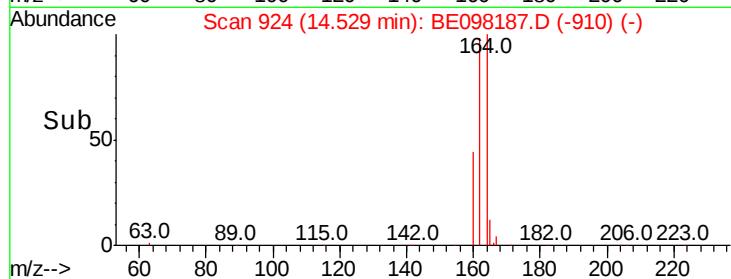
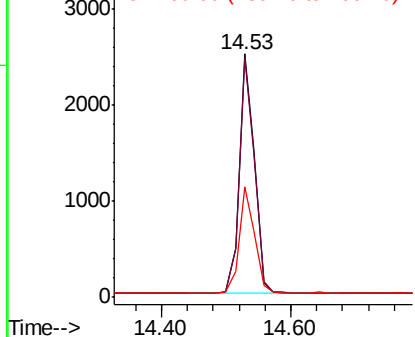
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 3976
Ion Ratio Lower Upper
164 100
162 98.5 81.8 122.6
160 45.2 39.4 59.0

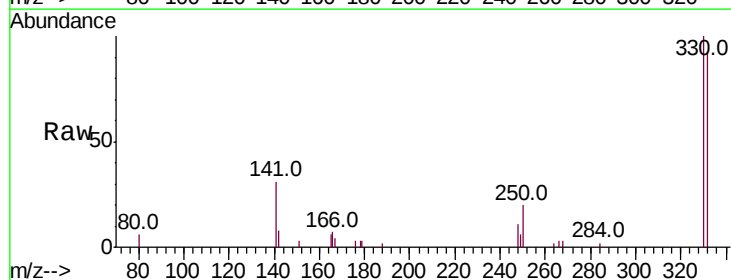


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

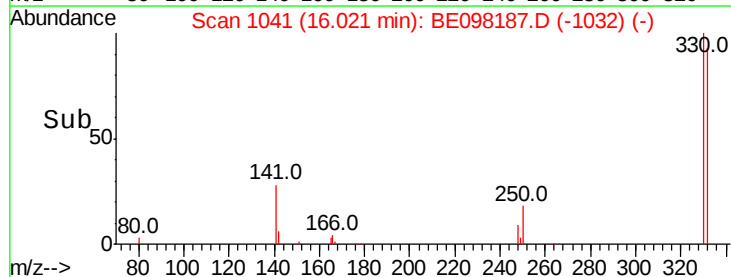
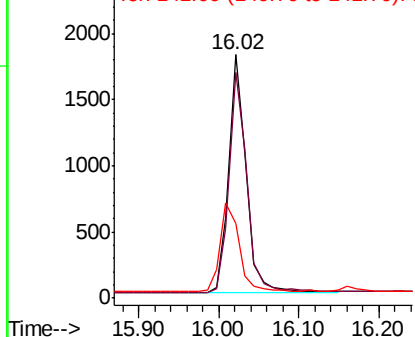


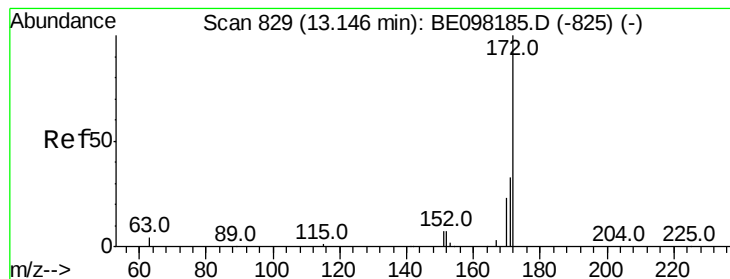
#14
2,4,6-Tribromophenol
Concen: 1.433 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

Tgt Ion:330 Resp: 2698
Ion Ratio Lower Upper
330 100
332 95.6 77.7 116.5
141 40.5 33.6 50.4



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: 1.455 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

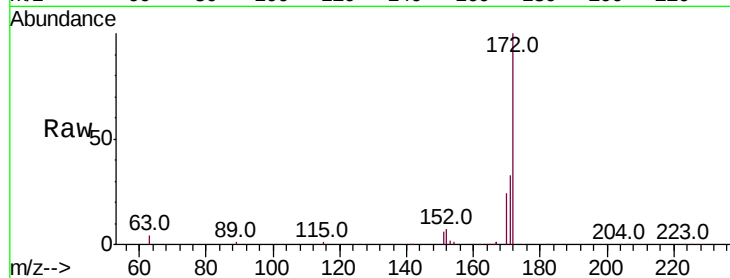
Tot Ion:172 Resp: 23778

Ion Ratio Lower Upper

172 100

171 33.4 27.3 40.9

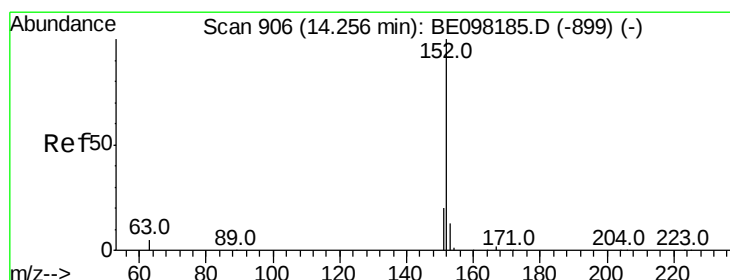
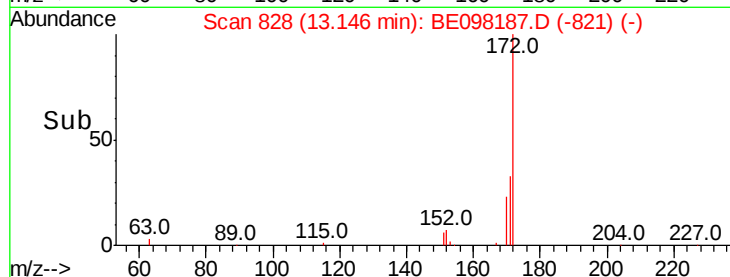
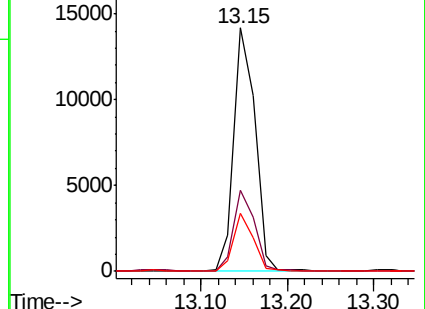
170 23.7 19.4 29.0



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: 1.583 ng

RT: 14.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

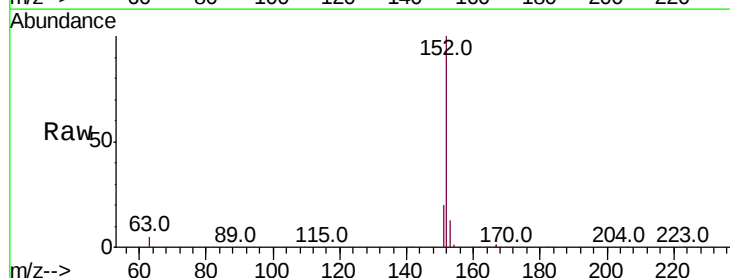
Tgt Ion:152 Resp: 28714

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

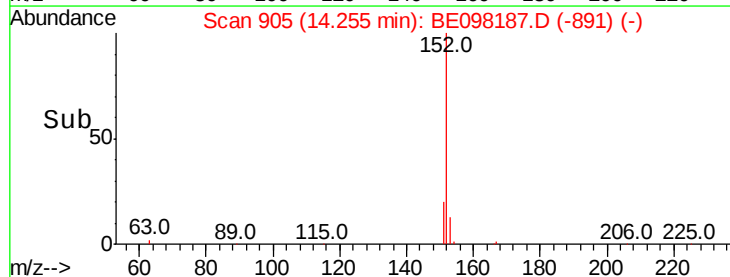
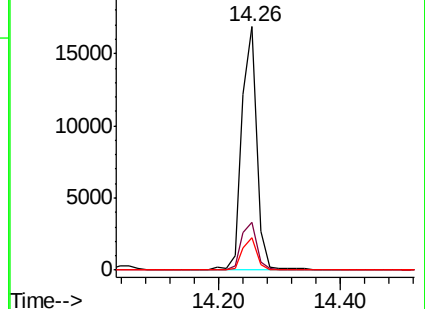
153 12.7 10.6 15.8

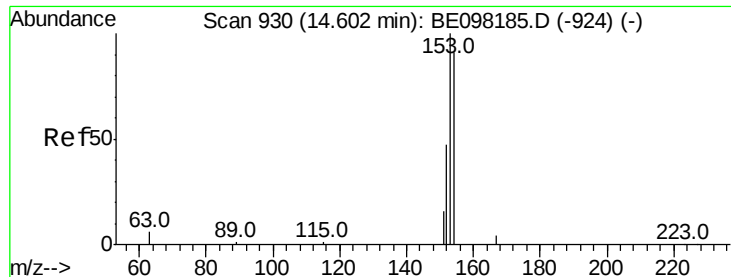


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.579 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

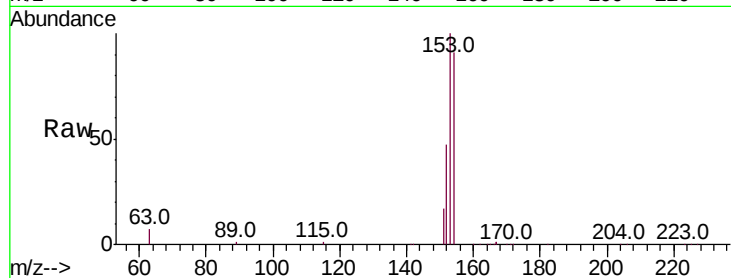
Tot Ion:154 Resp: 17204

Ion Ratio Lower Upper

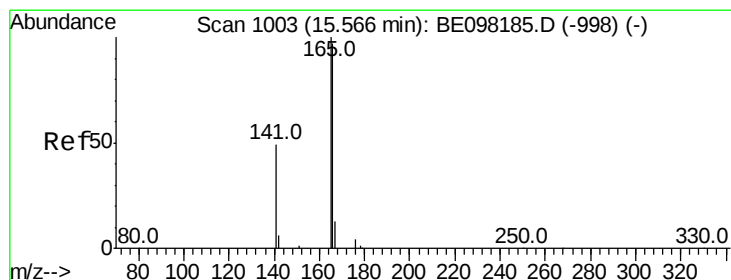
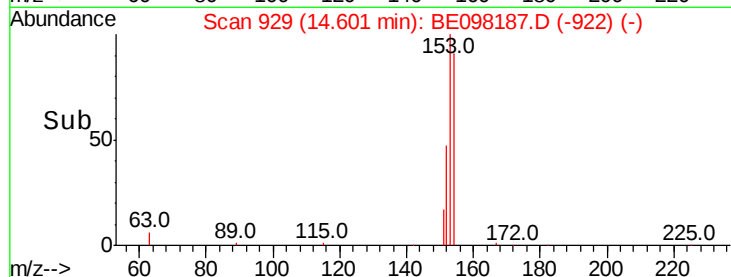
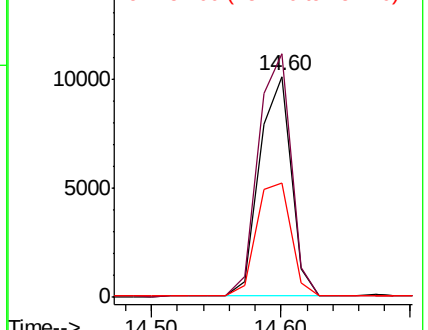
154 100

153 113.7 92.1 138.1

152 56.1 46.2 69.2



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: 1.552 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

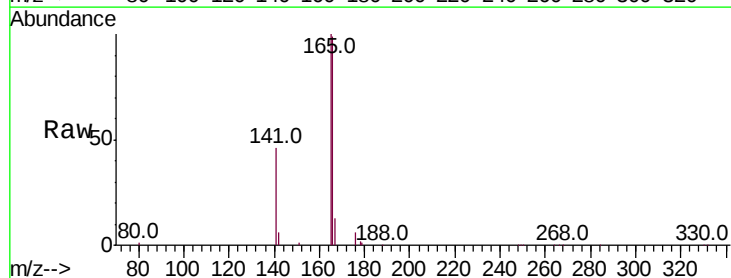
Tgt Ion:166 Resp: 22434

Ion Ratio Lower Upper

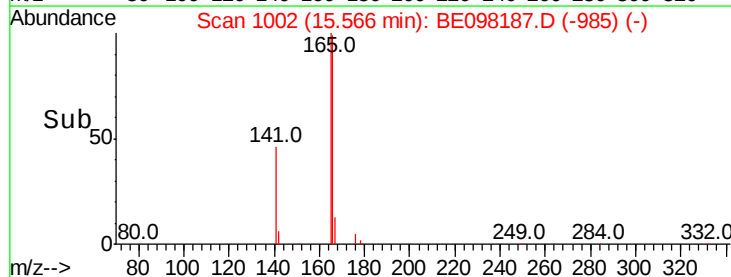
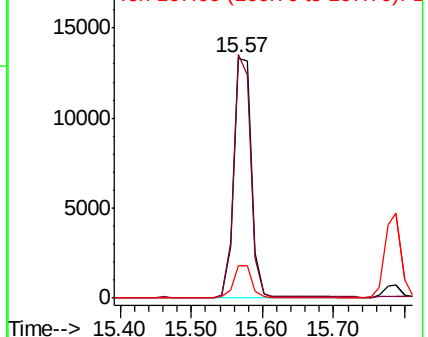
166 100

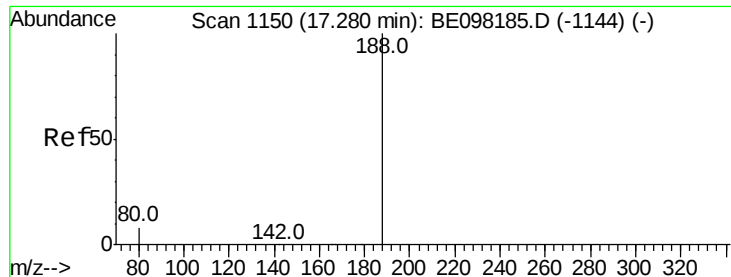
165 98.4 80.1 120.1

167 13.4 10.8 16.2



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: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

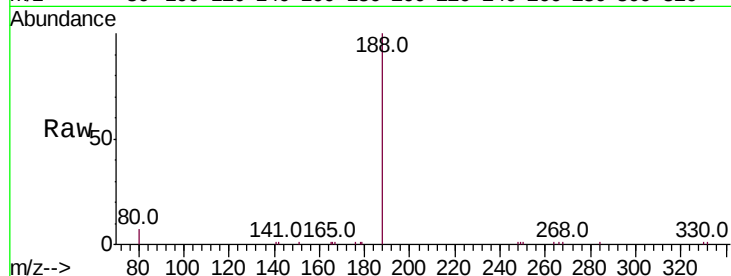
Tot Ion:188 Resp: 9054

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

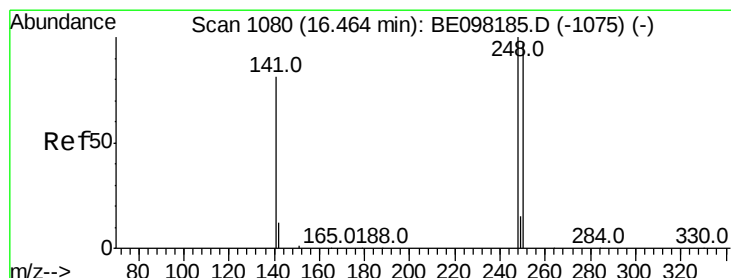
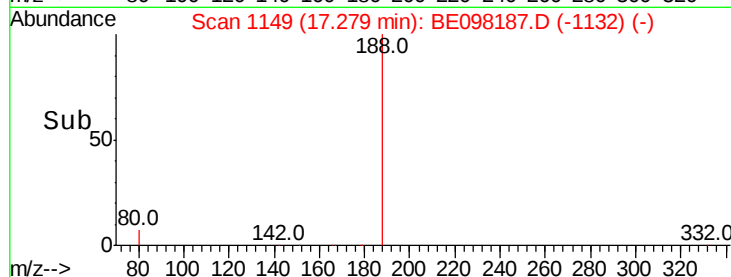
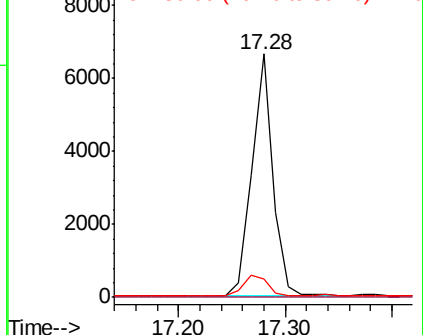
80 7.5 6.7 10.1



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: 1.602 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

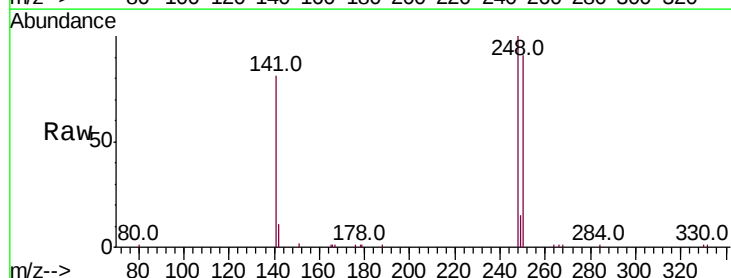
Tgt Ion:248 Resp: 8847

Ion Ratio Lower Upper

248 100

250 91.5 77.6 116.4

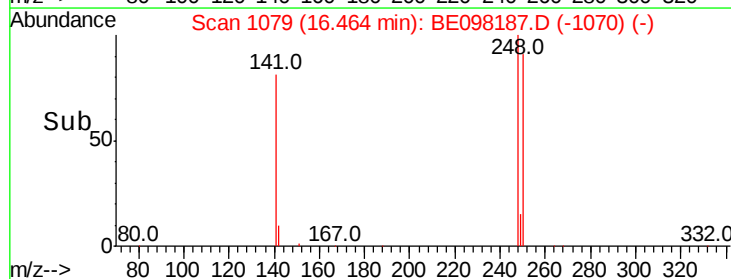
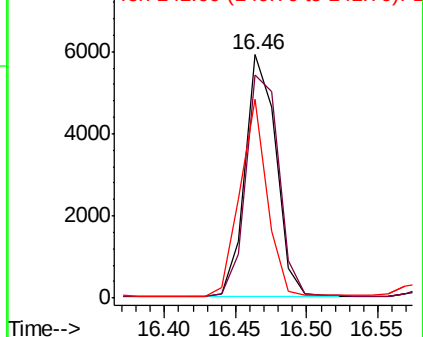
141 81.5 65.8 98.8

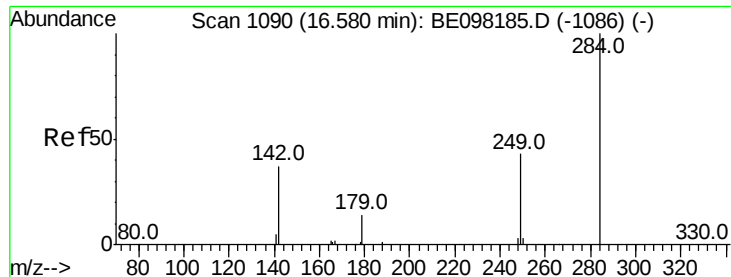


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

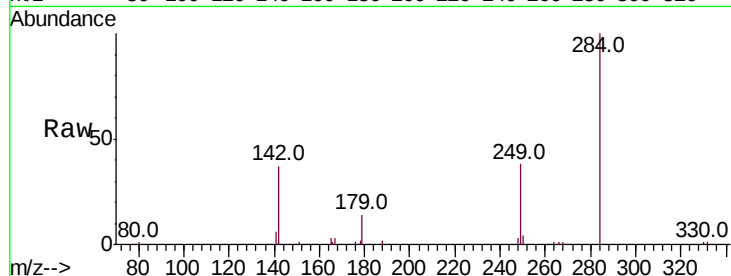




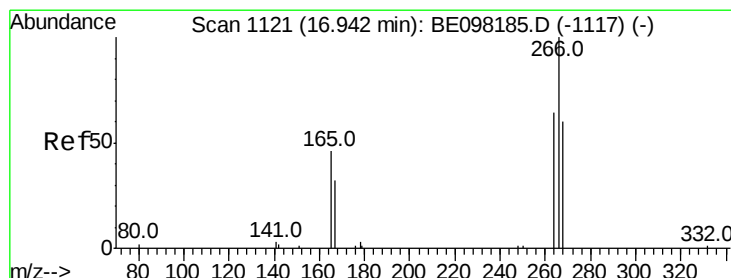
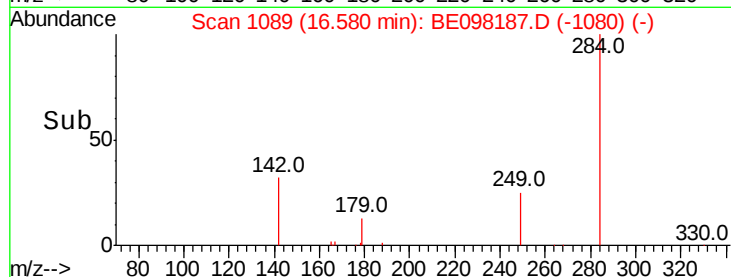
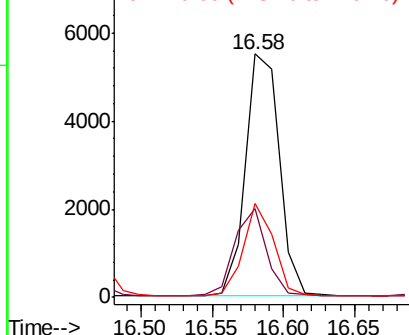
#21
Hexachlorobenzene
Concen: 1.560 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:284 Resp: 9004
Ion Ratio Lower Upper
284 100
142 33.6 26.5 39.7
249 33.9 28.4 42.6

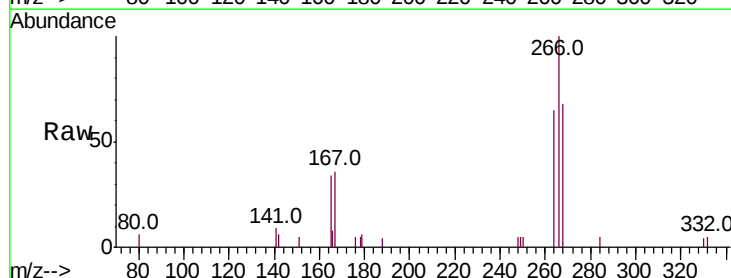


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

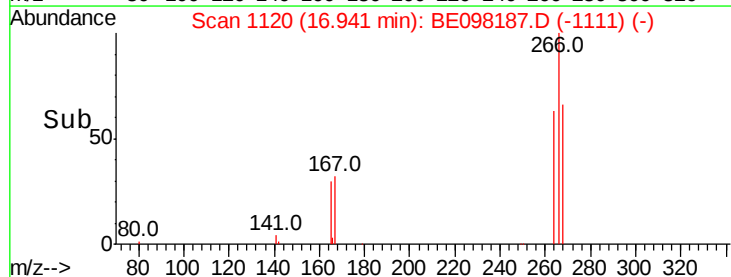
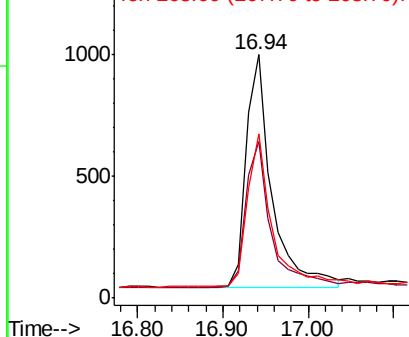


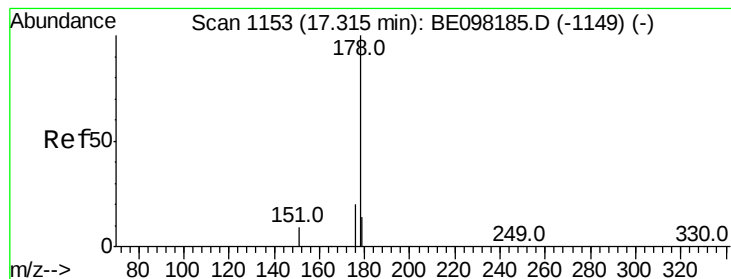
#22
Pentachlorophenol
Concen: 1.560 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

Tgt Ion:266 Resp: 1999
Ion Ratio Lower Upper
266 100
264 64.5 57.6 86.4
268 67.6 56.8 85.2



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: 1.578 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

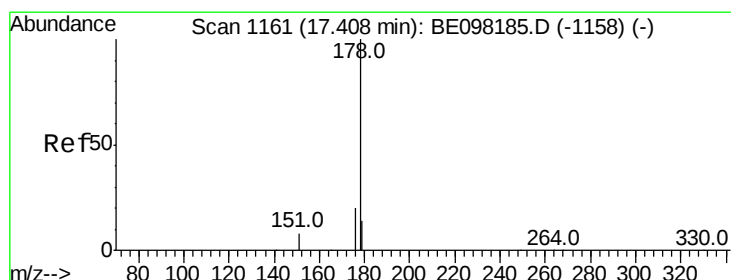
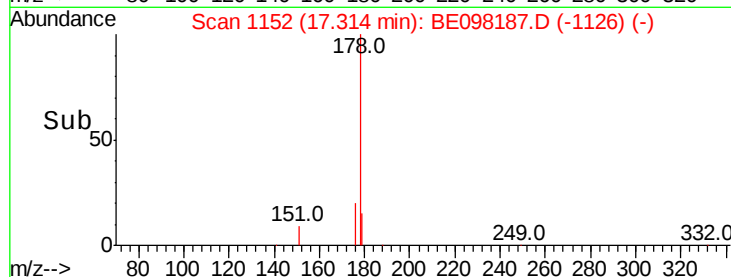
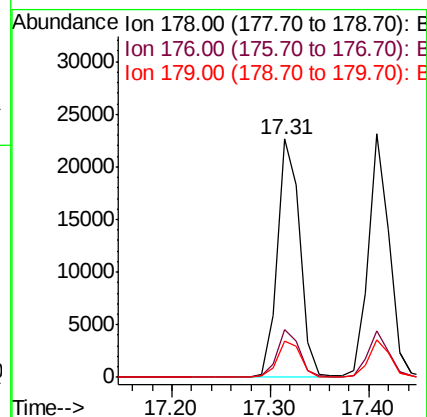
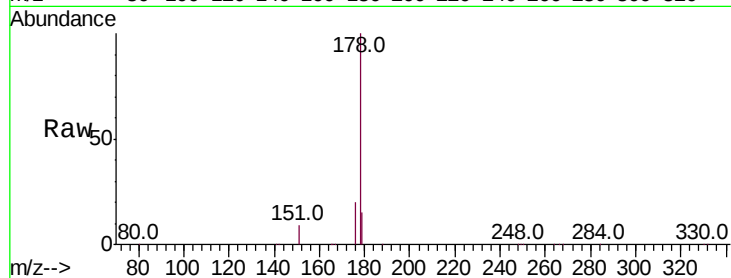
Tot Ion:178 Resp: 35385

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.3 12.3 18.5



#24

Anthracene

Concen: 1.584 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

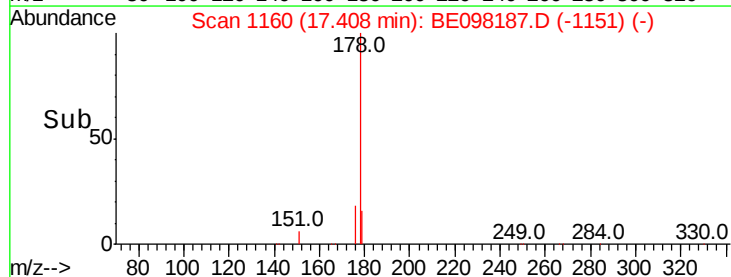
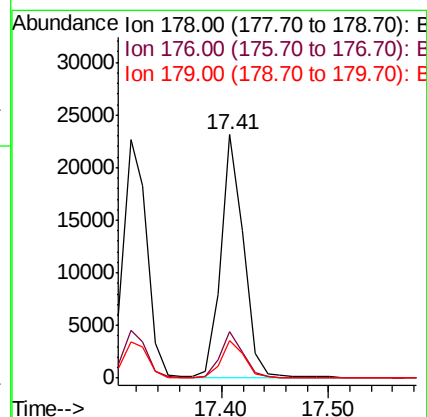
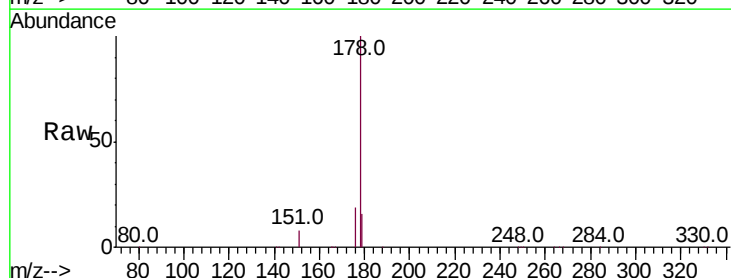
Tgt Ion:178 Resp: 33793

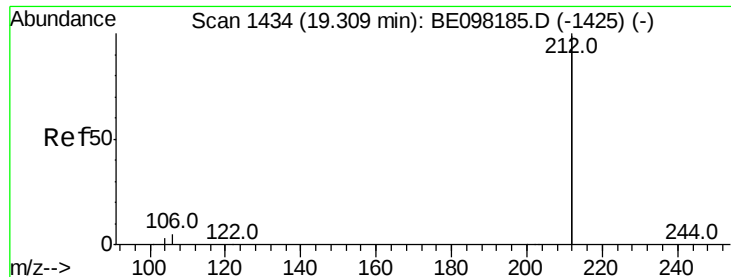
Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

179 15.5 12.1 18.1





#25

Fluoranthene-d10

Concen: 1.511 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

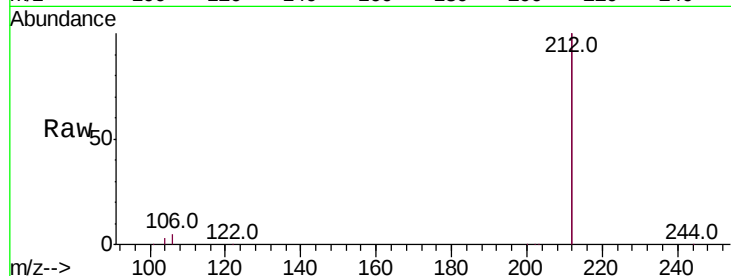
Tot Ion:212 Resp: 176432

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

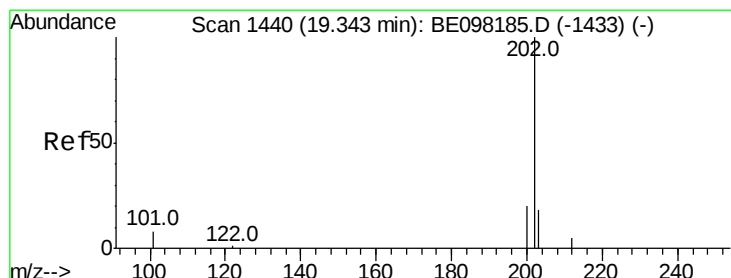
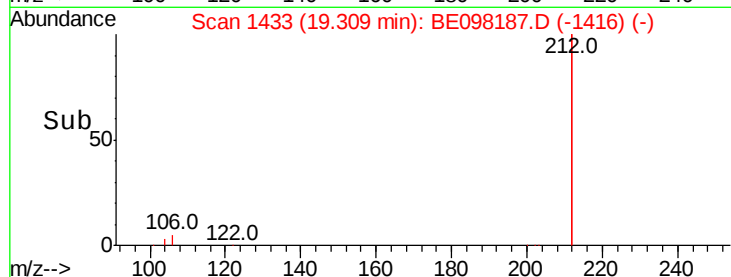
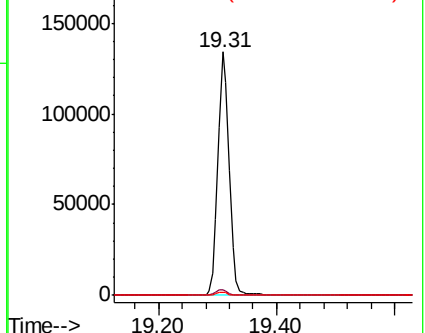
104 1.4 1.1 1.7



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: 1.563 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

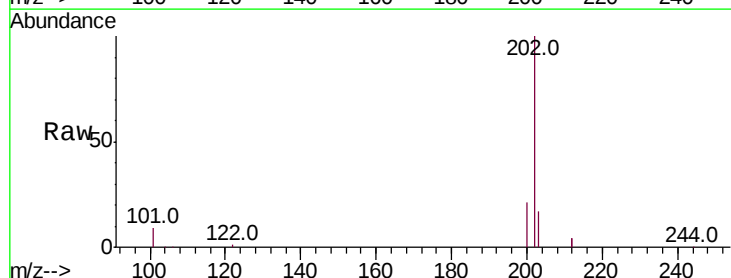
Tgt Ion:202 Resp: 43927

Ion Ratio Lower Upper

202 100

101 9.1 7.0 10.6

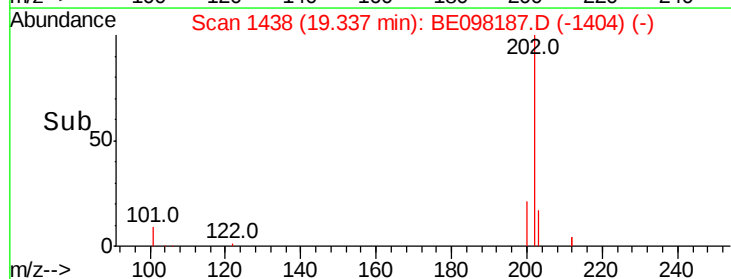
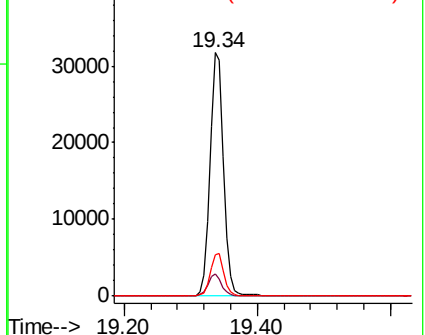
203 17.1 13.7 20.5

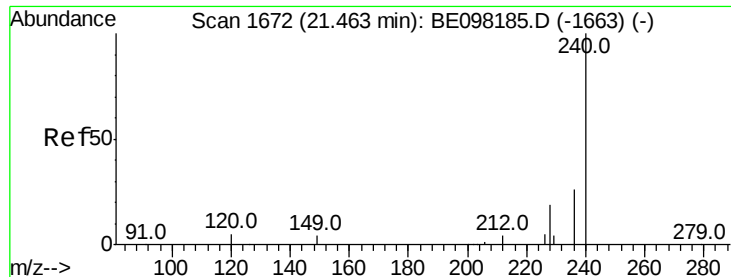


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

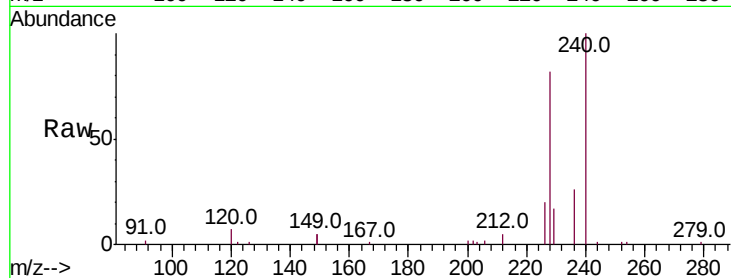
Tot Ion:240 Resp: 10558

Ion Ratio Lower Upper

240 100

120 6.8 4.8 7.2

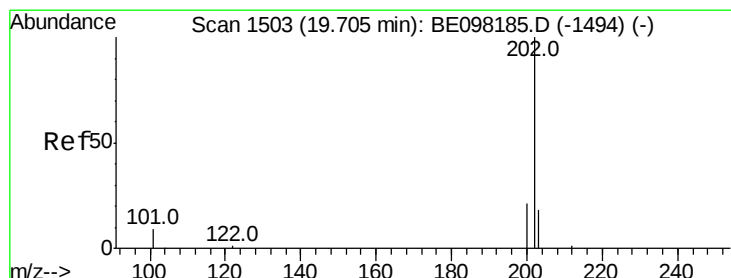
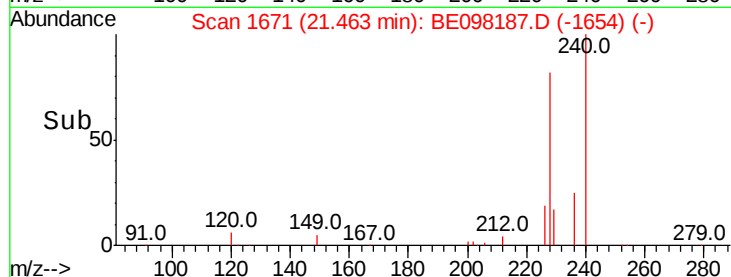
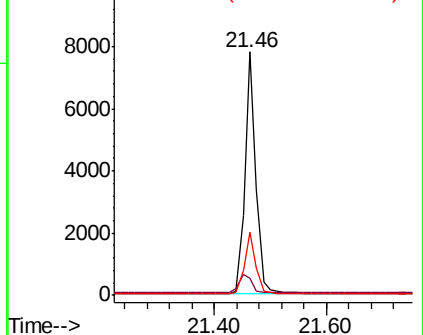
236 25.9 21.4 32.0



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: 1.566 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

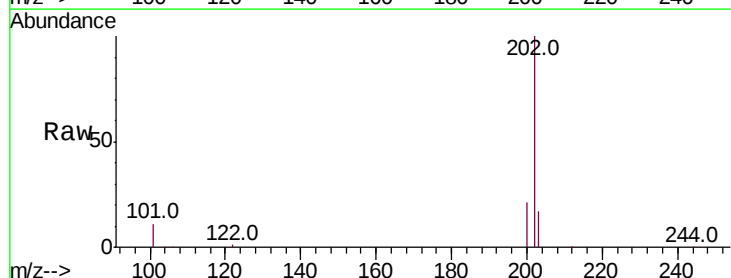
Tgt Ion:202 Resp: 45132

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

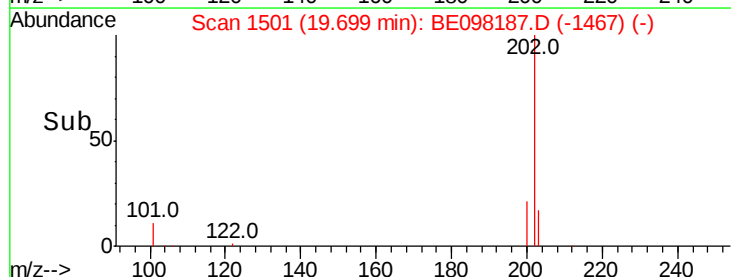
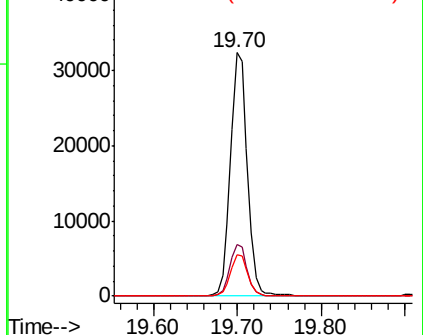
203 17.4 14.2 21.4

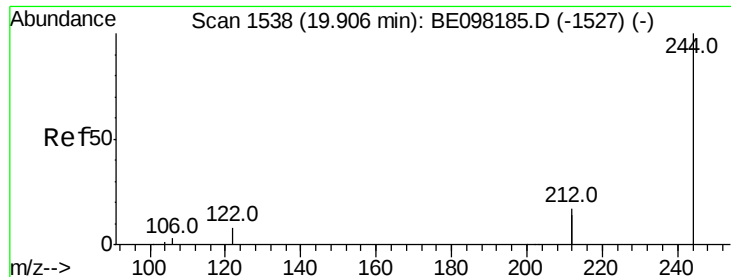


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.474 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

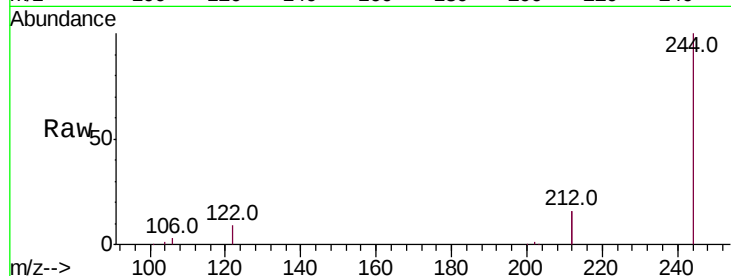
Tot Ion:244 Resp: 36203

Ion Ratio Lower Upper

244 100

212 31.8 26.8 40.2

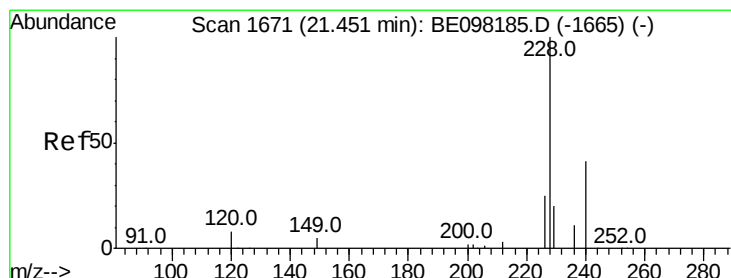
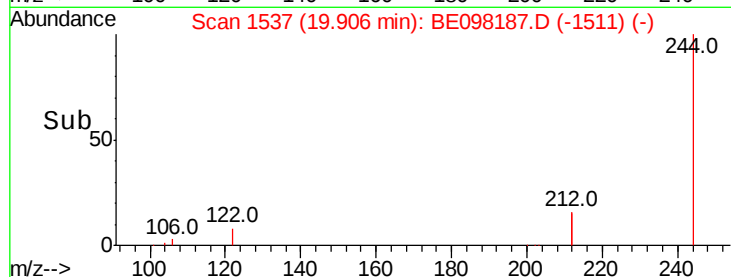
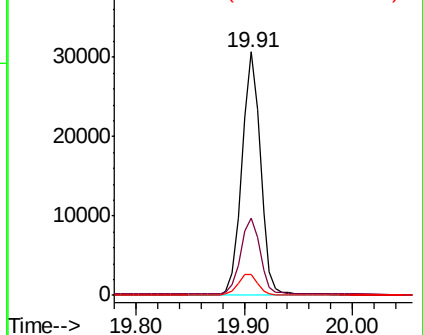
122 8.5 7.0 10.6



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: 1.537 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

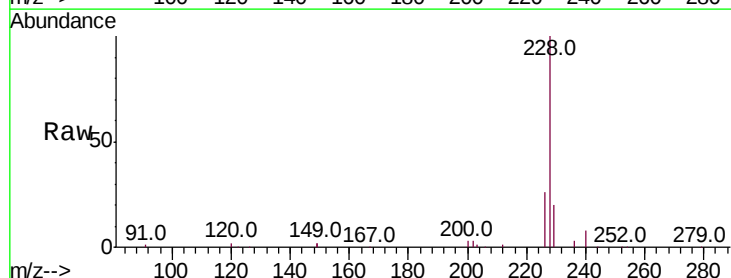
Tgt Ion:228 Resp: 47439

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

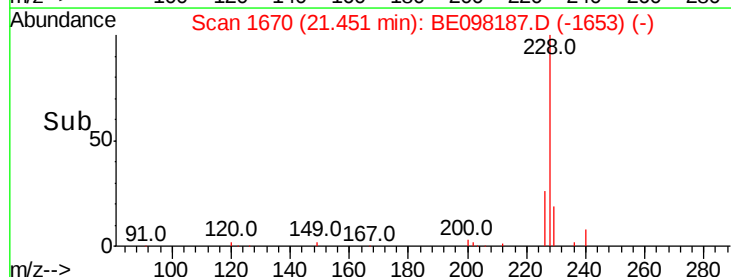
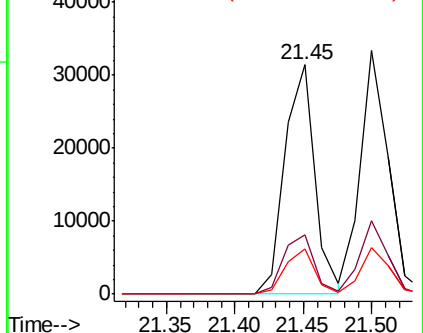
229 19.6 16.2 24.4

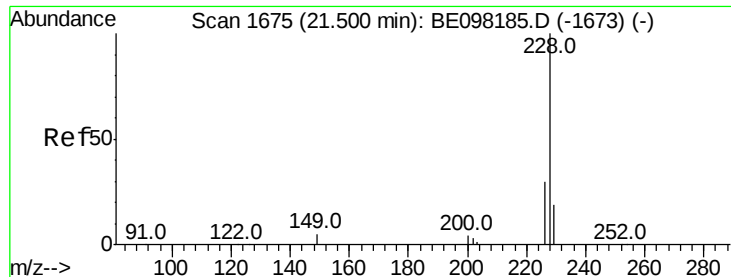


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.541 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

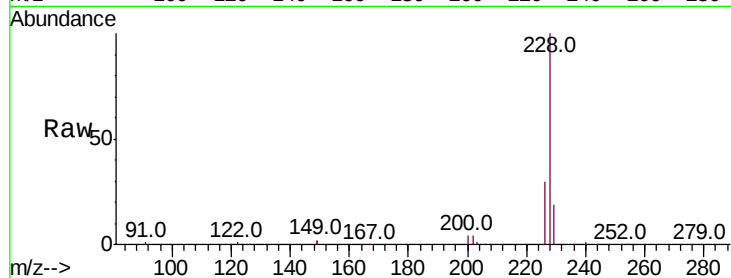
Tot Ion:228 Resp: 47022

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

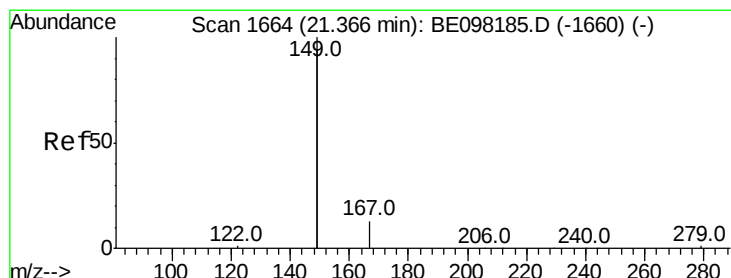
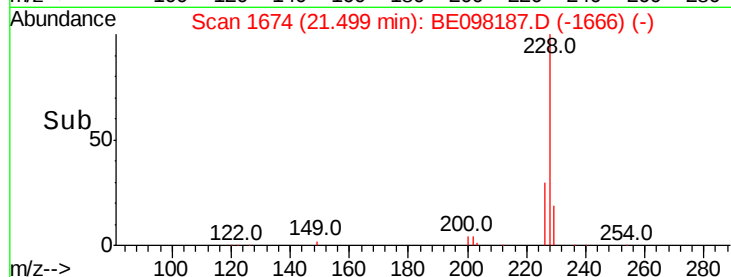
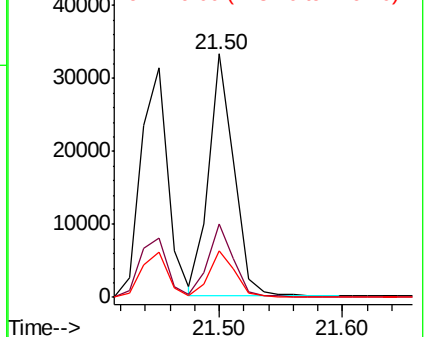
229 19.3 16.0 24.0



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: 0.899 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

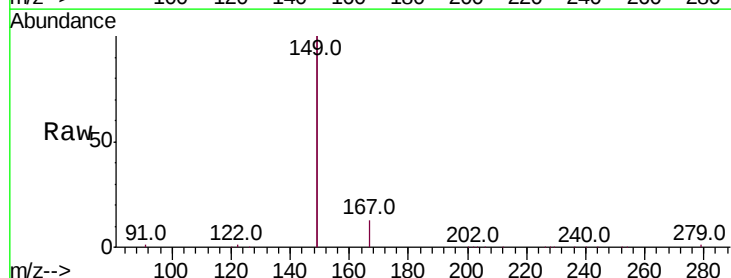
Tgt Ion:149 Resp: 98177

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

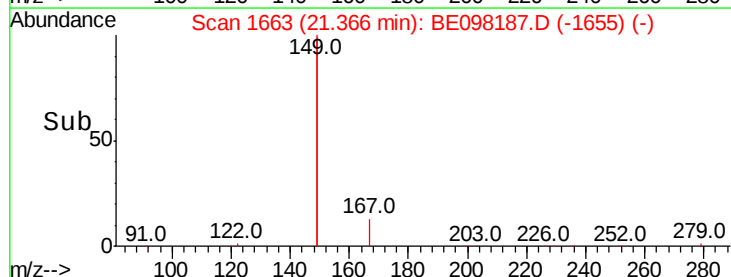
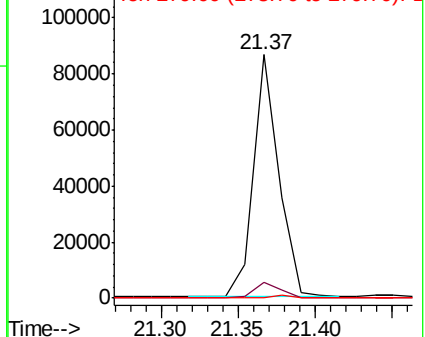
279 1.1 0.9 1.3

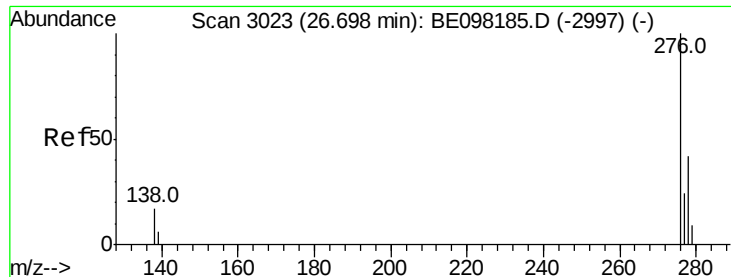


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.416 ng

RT: 26.70 min Scan# 3024

Delta R.T. 0.01 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

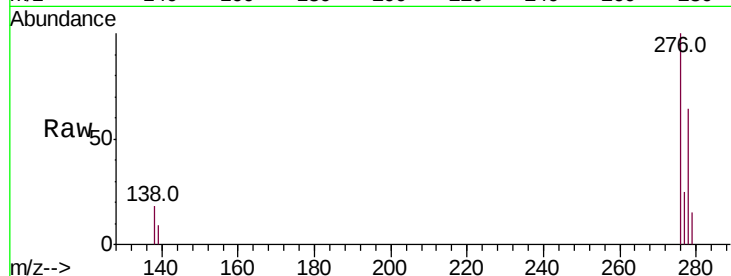
Tot Ion:276 Resp: 44948

Ion Ratio Lower Upper

276 100

138 17.8 6.4 9.6#

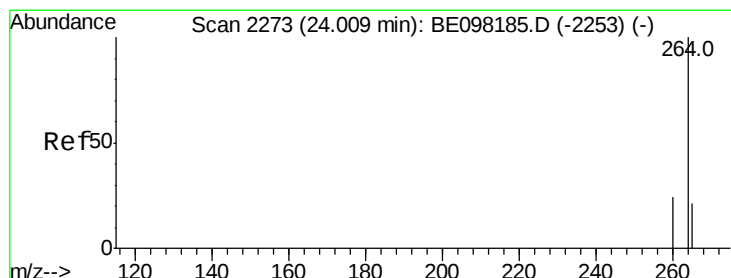
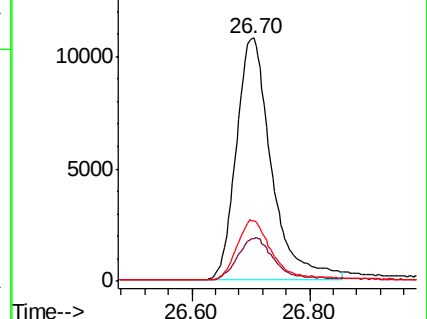
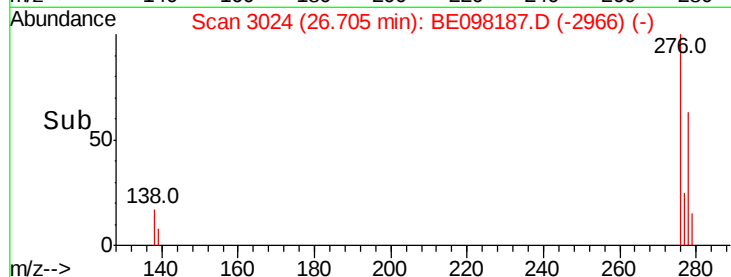
277 24.5 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

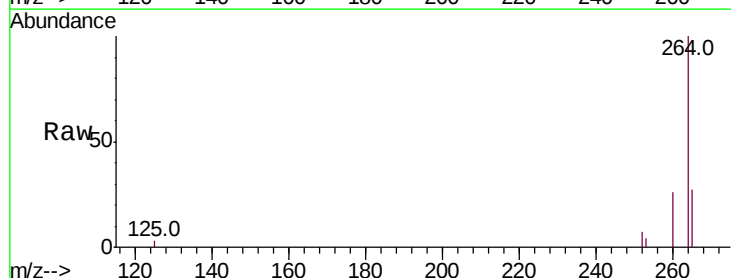
Tgt Ion:264 Resp: 9636

Ion Ratio Lower Upper

264 100

260 25.7 19.9 29.9

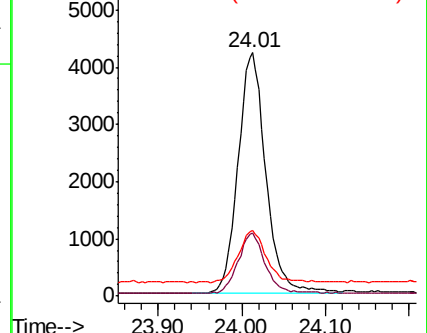
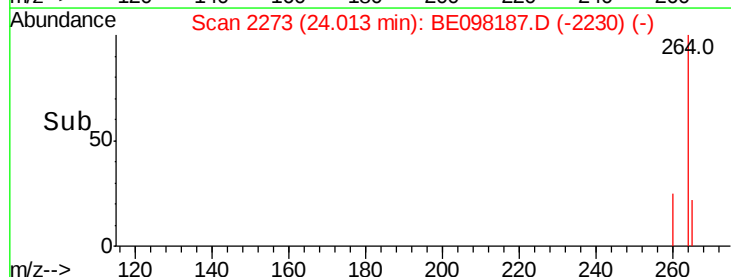
265 26.9 21.3 31.9

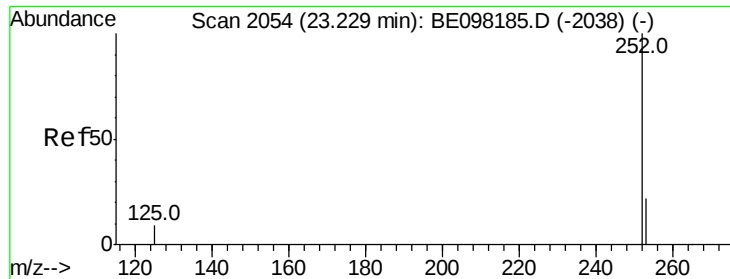


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.595 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

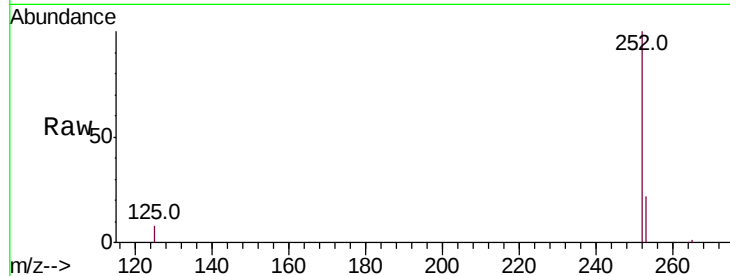
Tot Ion:252 Resp: 43278

Ion Ratio Lower Upper

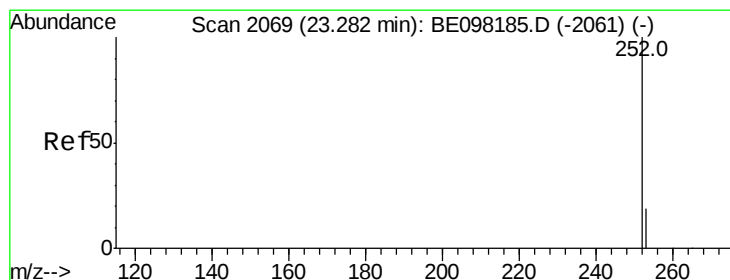
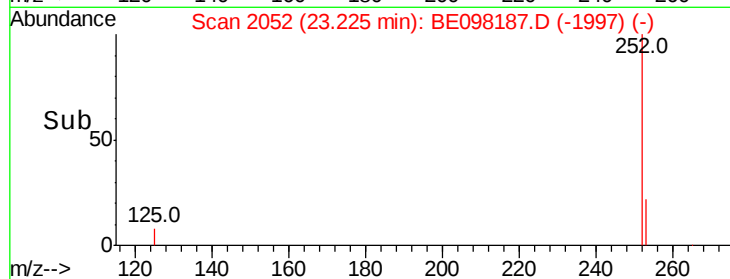
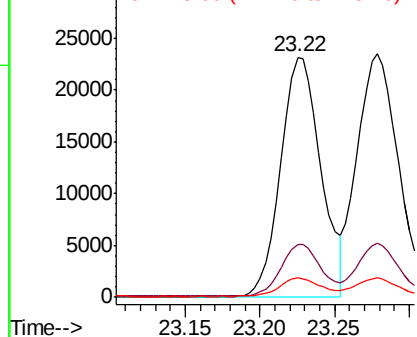
252 100

253 22.2 19.4 29.0

125 7.9 8.6 12.8#



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



#36

Benzo(k)fluoranthene

Concen: 1.641 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

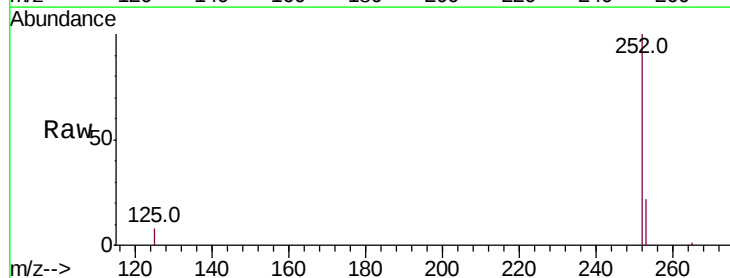
Tgt Ion:252 Resp: 46107

Ion Ratio Lower Upper

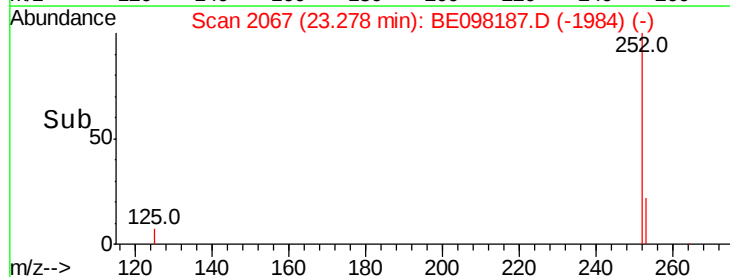
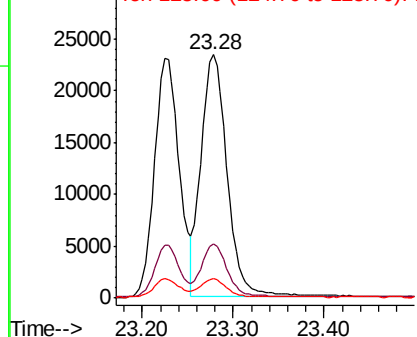
252 100

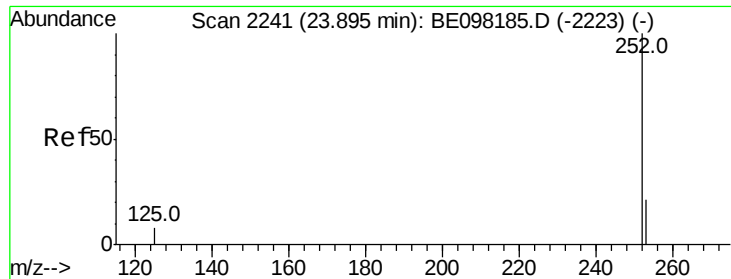
253 22.0 18.6 28.0

125 7.9 7.4 11.0



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

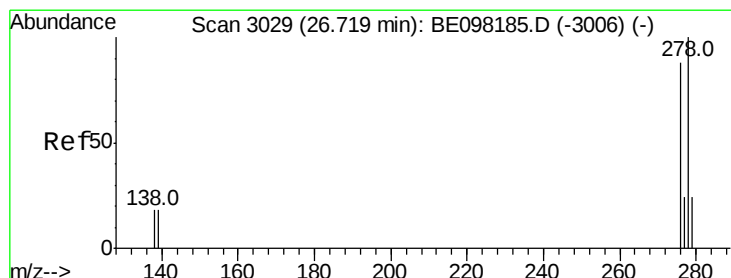
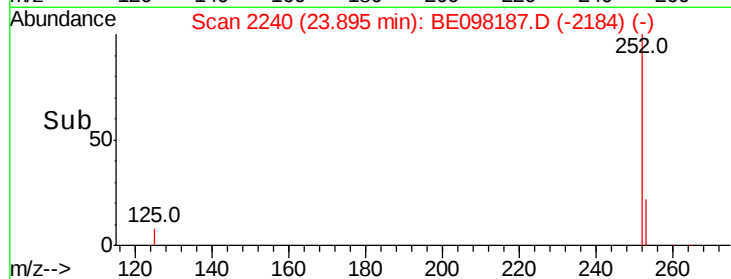
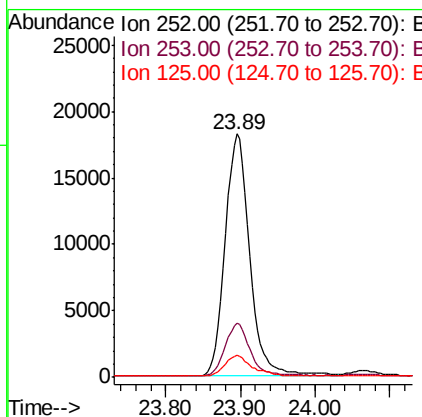
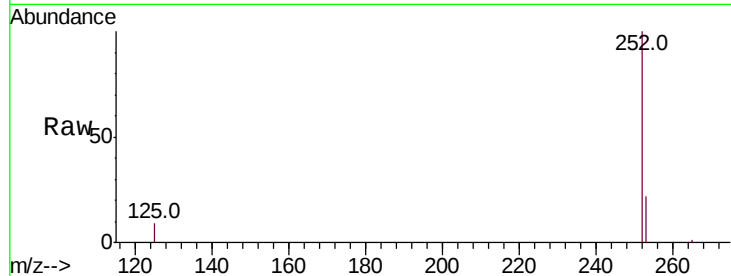




#37
Benzo(a)pyrene
Concen: 1.573 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

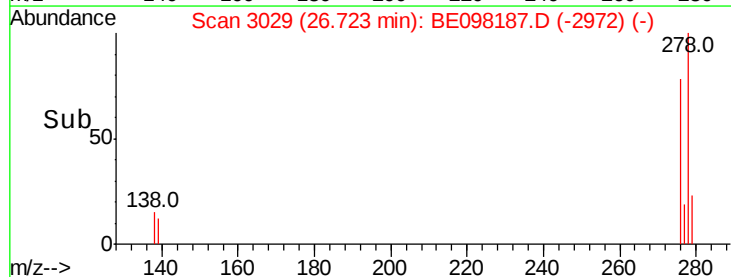
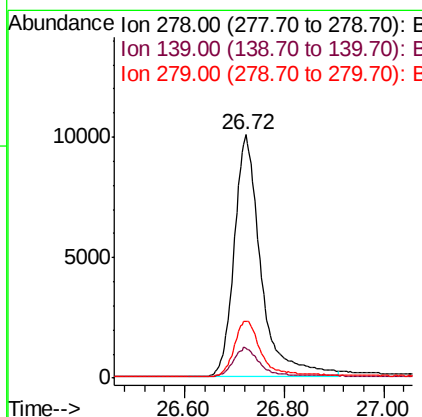
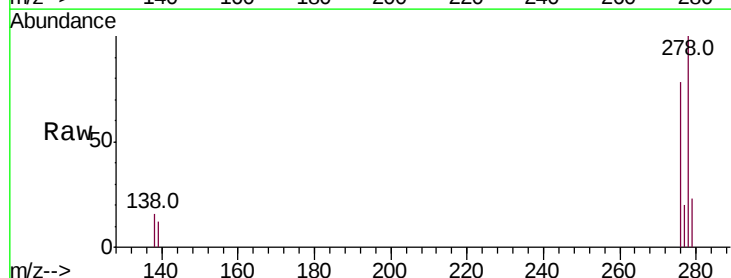
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

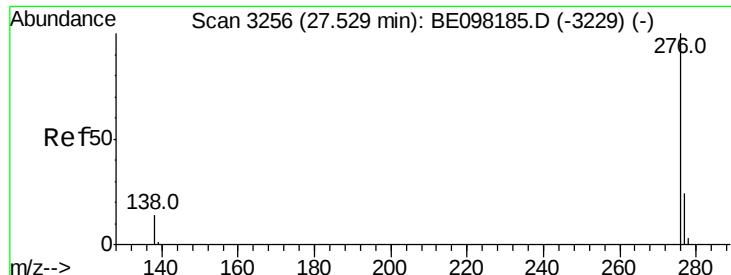
Tot Ion:252 Resp: 41700
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 8.9 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 1.525 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098187.D
Acq: 12 Nov 2018 12:19

Tgt Ion:278 Resp: 37724
Ion Ratio Lower Upper
278 100
139 12.2 16.4 24.6#
279 23.3 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 1.520 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098187.D

Acq: 12 Nov 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

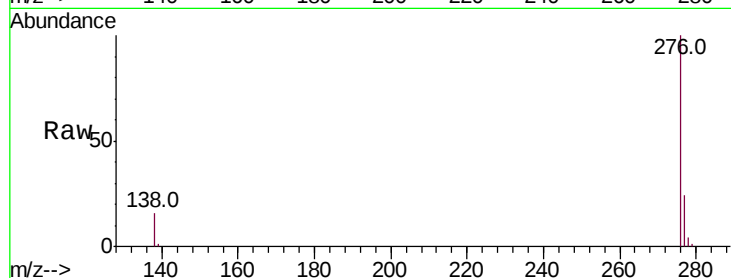
Tot Ion:276 Resp: 37422

Ion Ratio Lower Upper

276 100

277 24.4 20.4 30.6

138 16.0 13.2 19.8



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

