

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
 Data File : BE098614.D
 Acq On : 4 Jan 2019 12:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 04 21:12:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	985	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4434	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2930	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6916	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7848	0.40	ng	0.01
34) Perylene-d12	23.93	264	7741	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1224	0.53	ng	0.01
5) Phenol-d6	7.00	99	1825	0.56	ng	0.01
8) Nitrobenzene-d5	8.96	82	1716	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3207	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	545	0.51	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4862	0.39	ng	0.02
25) Fluoranthene-d10	19.26	212	36088	0.41	ng	0.01
29) Terphenyl-d14	19.86	244	7354	0.39	ng	0.01

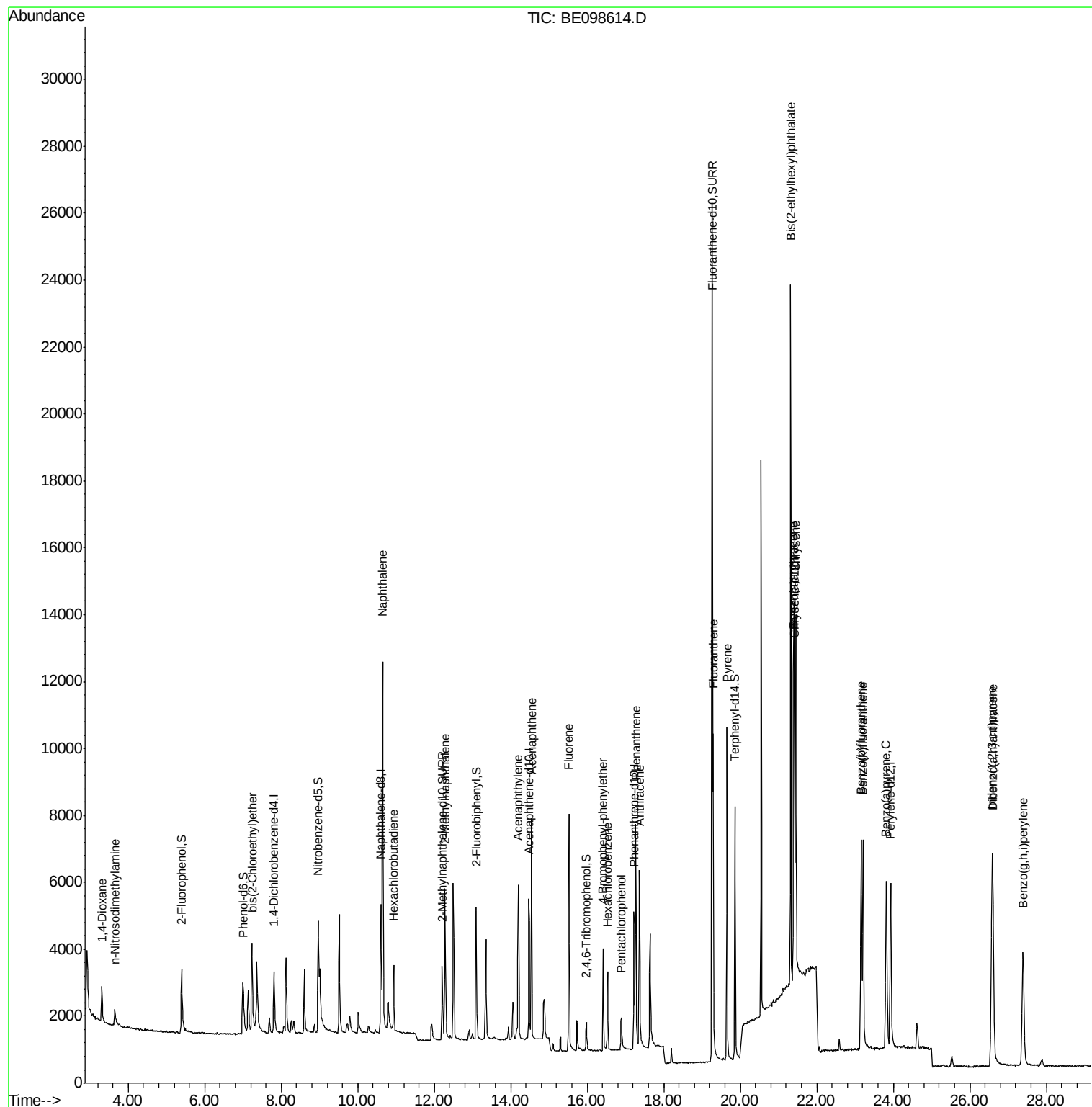
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	689	0.404	ng	98
3) n-Nitrosodimethylamine	3.65	42	628	0.410	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	1247	0.402	ng	99
9) Naphthalene	10.65	128	18983	0.425	ng	# 99
10) Hexachlorobutadiene	10.94	225	1316	0.463	ng	96
12) 2-Methylnaphthalene	12.28	142	3180	0.439	ng	97
16) Acenaphthylene	14.20	152	5450	0.397	ng	99
17) Acenaphthene	14.54	154	3441	0.417	ng	99
18) Fluorene	15.52	166	4435	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1597	0.429	ng	86
21) Hexachlorobenzene	16.53	284	1839	0.460	ng	98
22) Pentachlorophenol	16.90	266	711	0.935	ng	94
23) Phenanthrene	17.27	178	7089	0.422	ng	99
24) Anthracene	17.36	178	6160	0.411	ng	99
26) Fluoranthene	19.29	202	8824	0.397	ng	98
28) Pyrene	19.65	202	9393	0.381	ng	99
30) Benzo(a)anthracene	21.39	228	9505	0.425	ng	97
31) Chrysene	21.45	228	9506	0.406	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	23927	0.527	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	10091	0.433	ng	98
35) Benzo(b)fluoranthene	23.16	252	8883	0.420	ng	98
36) Benzo(k)fluoranthene	23.21	252	9588	0.389	ng	99
37) Benzo(a)pyrene	23.81	252	8723	0.399	ng	100
38) Dibenzo(a,h)anthracene	26.60	278	8126	0.395	ng	97
39) Benzo(g,h,i)perylene	27.39	276	8625	0.416	ng	97

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

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QLast Update : Wed Jan 02 10:30:27 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

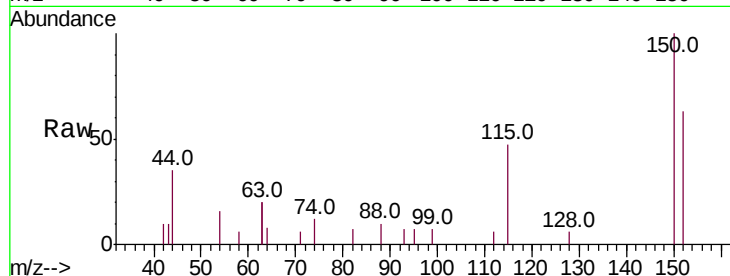
Tot Ion:152 Resp: 985

Ion Ratio Lower Upper

152 100

150 159.7 124.2 186.4

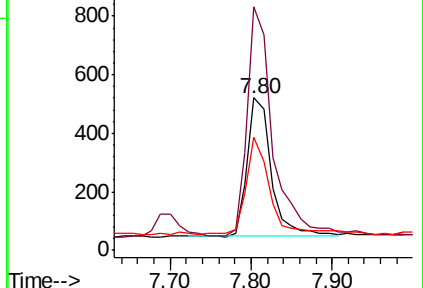
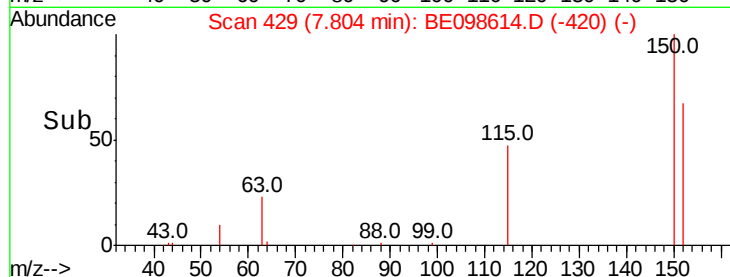
115 74.5 53.9 80.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.404 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

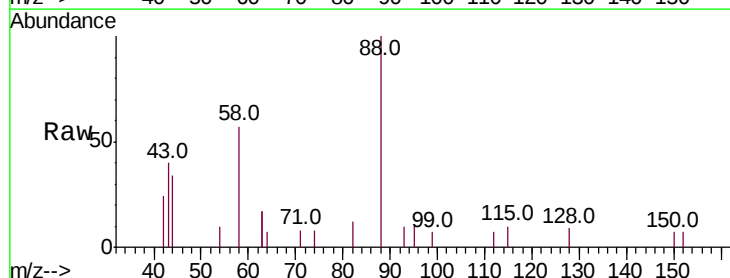
Tgt Ion: 88 Resp: 689

Ion Ratio Lower Upper

88 100

58 93.5 75.0 112.6

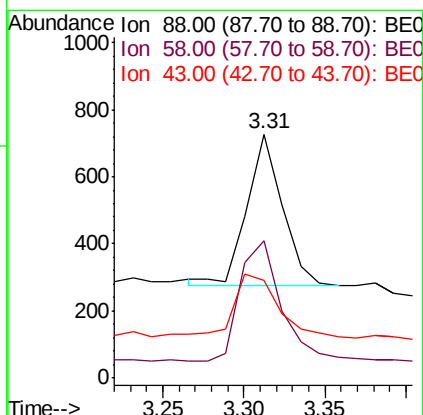
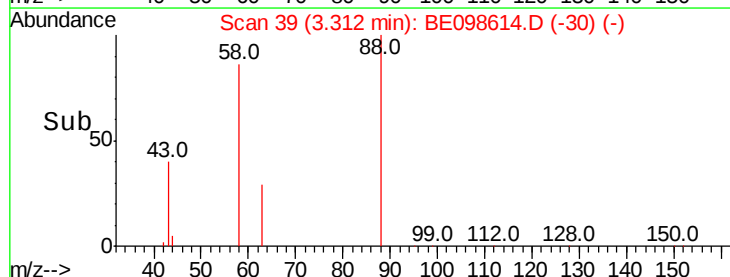
43 51.2 38.3 57.5



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: 0.410 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

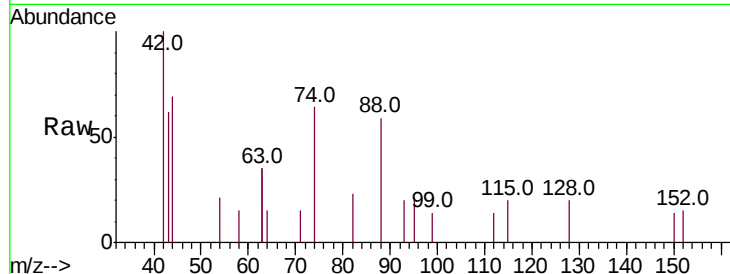
Tot Ion: 42 Resp: 628

Ion Ratio Lower Upper

42 100

74 70.5 0.0 0.0#

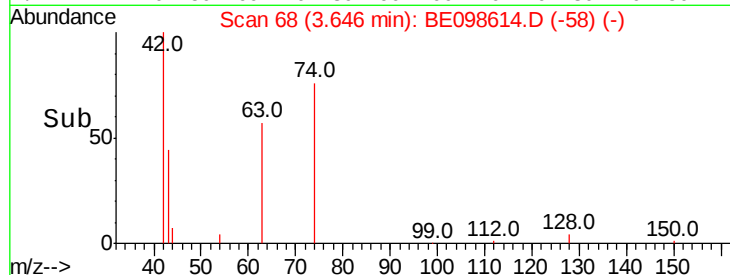
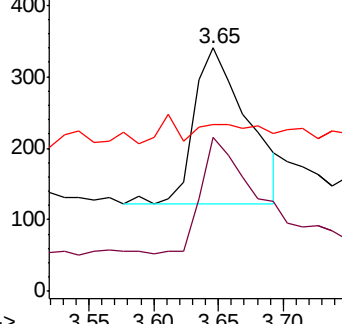
44 13.2 0.0 0.0#



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: 0.531 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

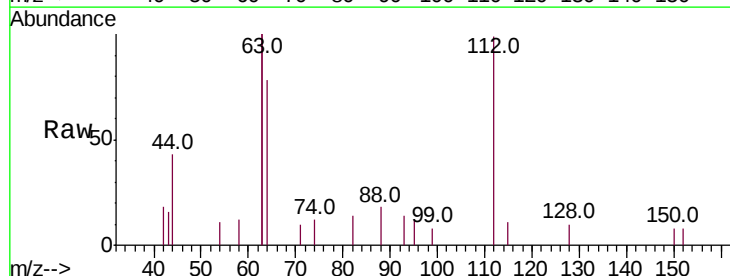
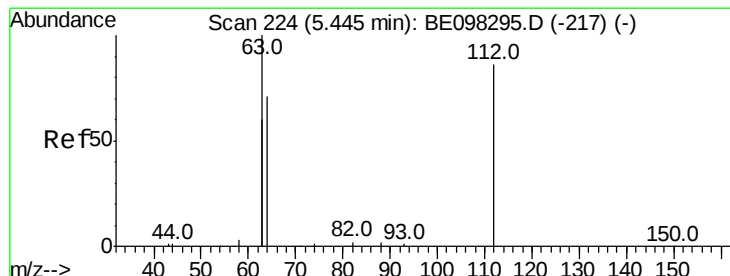
Tgt Ion: 112 Resp: 1224

Ion Ratio Lower Upper

112 100

64 82.2 59.8 89.8

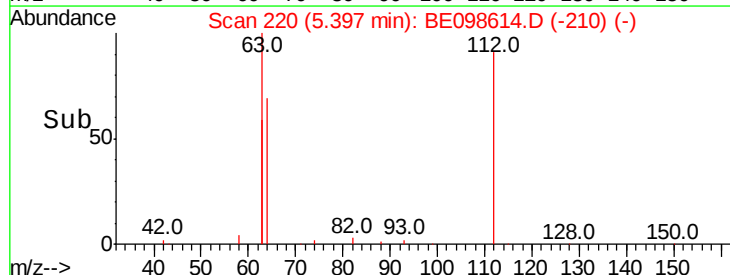
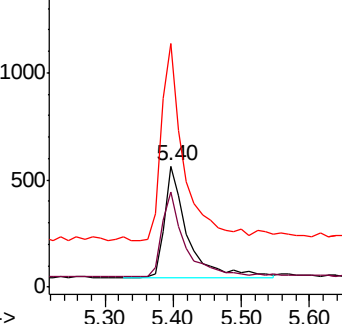
63 178.0 133.7 200.5



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: 0.559 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

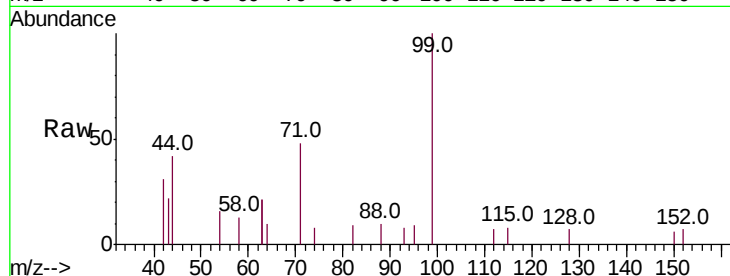
Tot Ion: 99 Resp: 1825

Ion Ratio Lower Upper

99 100

42 31.8 26.3 39.5

71 45.0 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

7.00

600

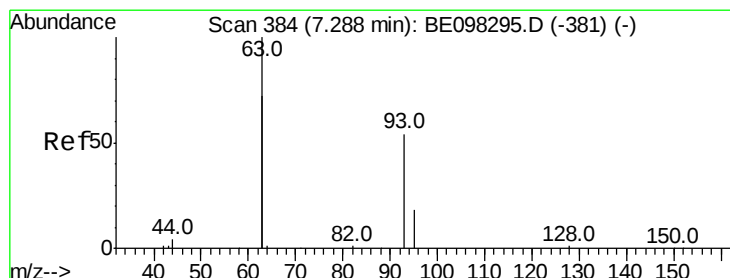
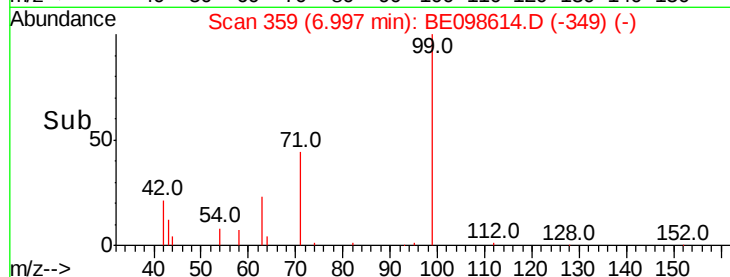
400

200

0

Time-->

6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

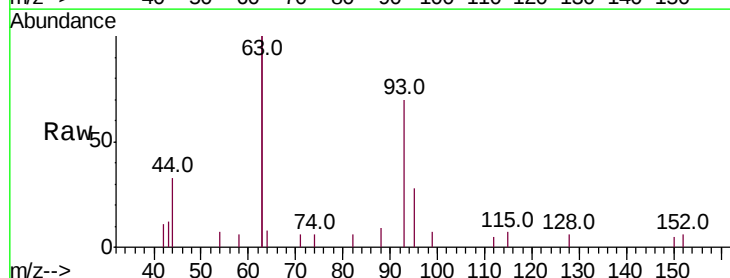
Tgt Ion: 93 Resp: 1247

Ion Ratio Lower Upper

93 100

63 331.0 264.4 396.6

95 36.1 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

7.24

2500

2000

1500

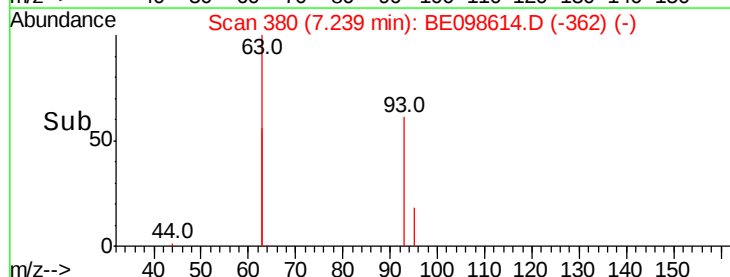
1000

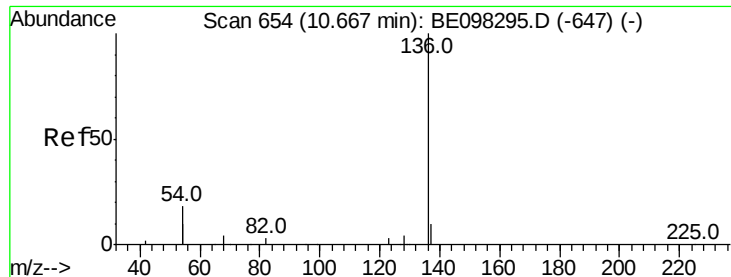
500

0

Time-->

7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4434

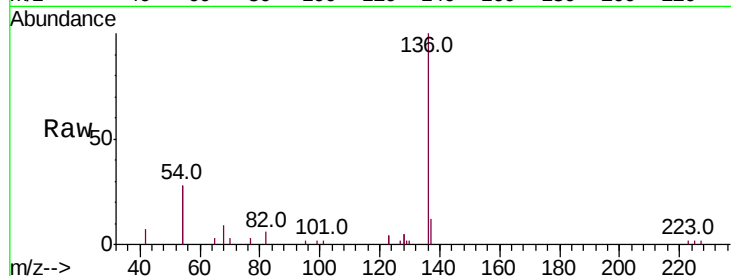
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 56.6 28.4 42.6#

68 8.7 5.4 8.0#

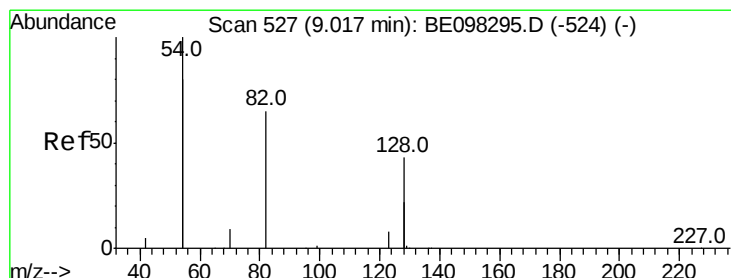
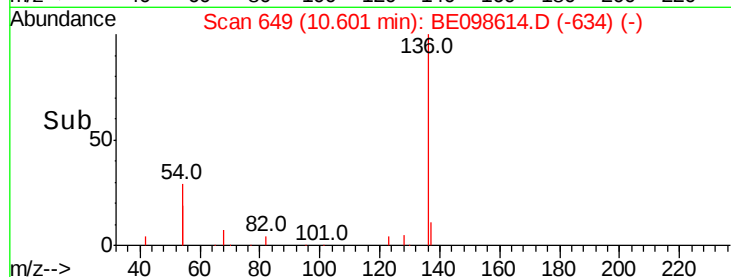
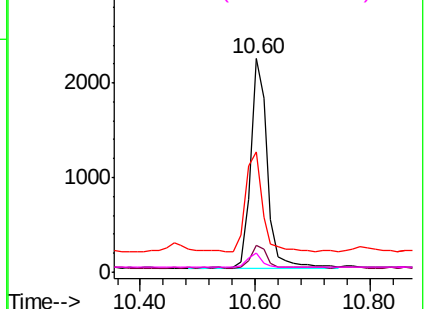


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

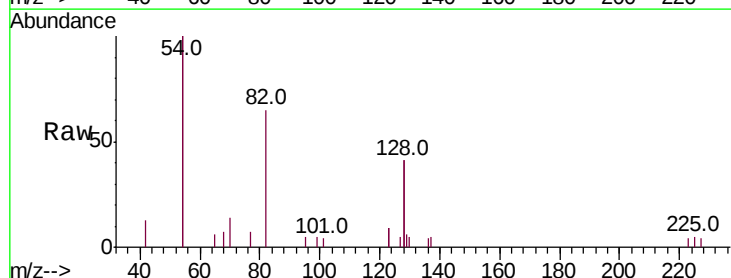
Tgt Ion: 82 Resp: 1716

Ion Ratio Lower Upper

82 100

128 126.8 102.4 153.6

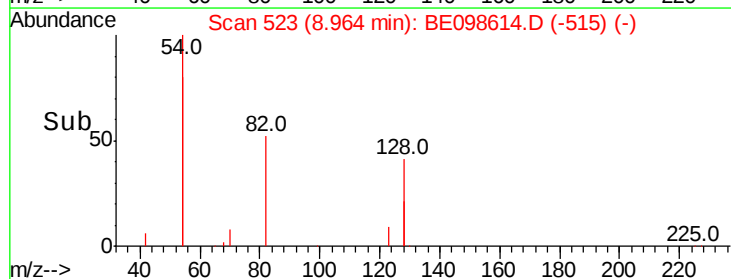
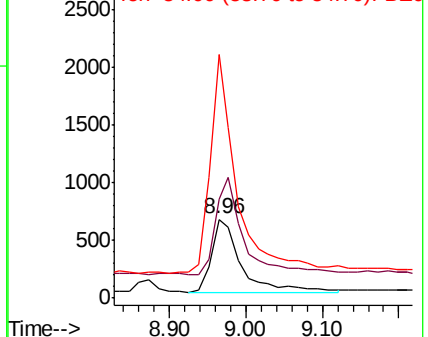
54 310.0 221.8 332.8

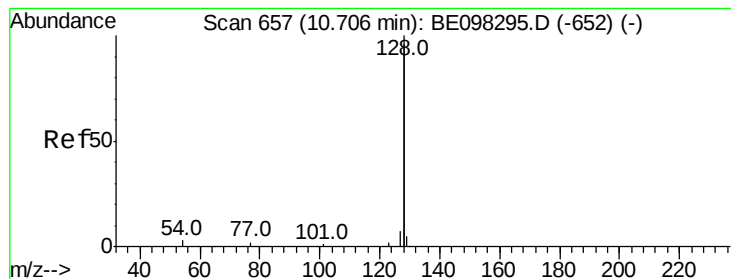


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.425 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

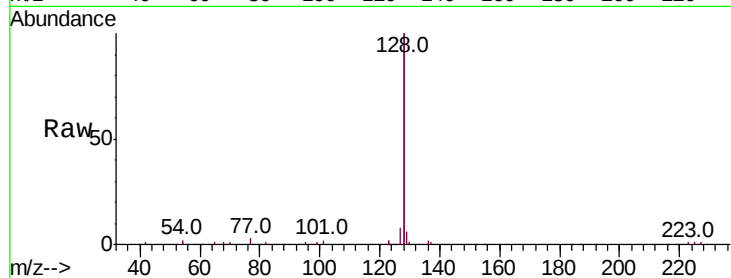
Tot Ion:128 Resp: 18983

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

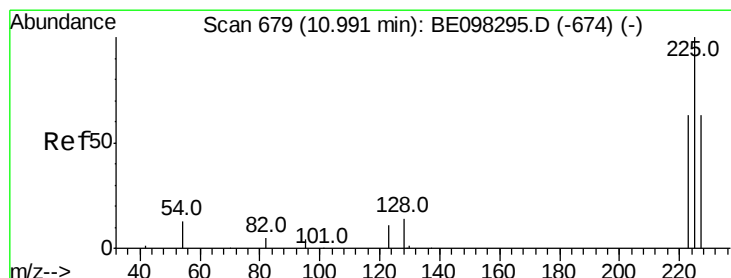
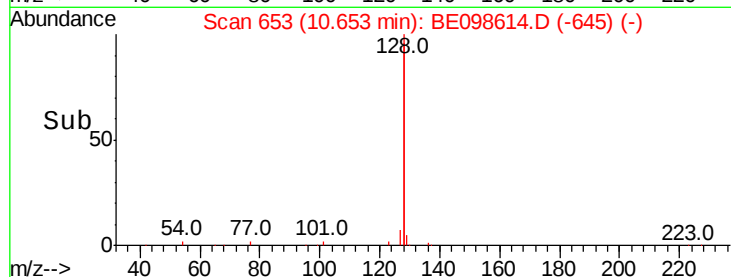
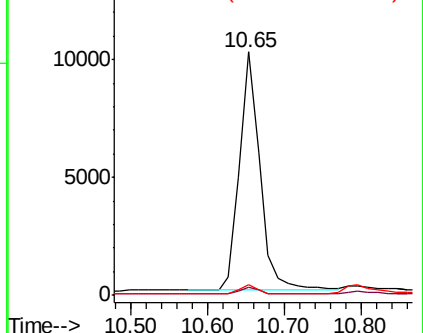
127 4.1 2.7 4.1#



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: 0.463 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

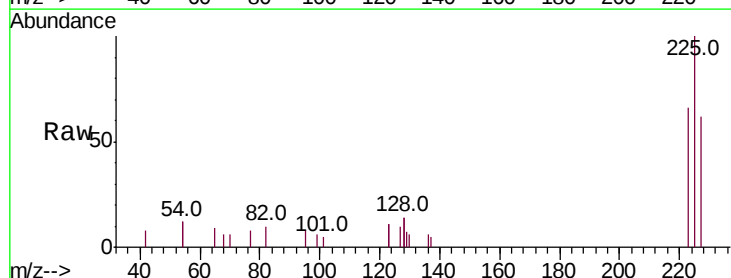
Tgt Ion:225 Resp: 1316

Ion Ratio Lower Upper

225 100

223 65.0 49.4 74.0

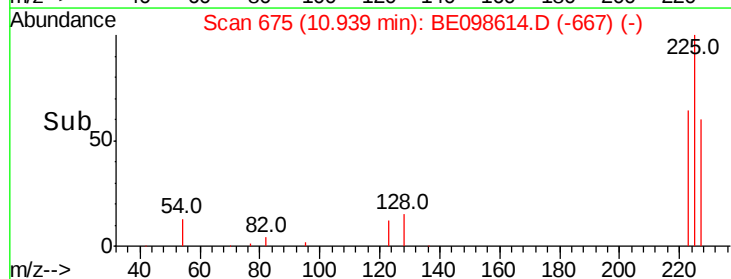
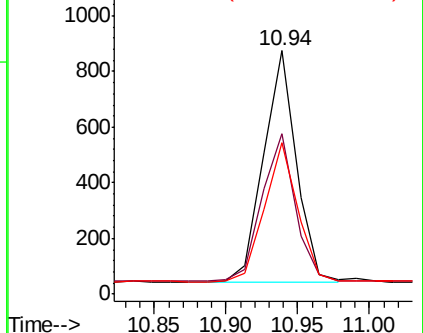
227 62.3 52.0 78.0

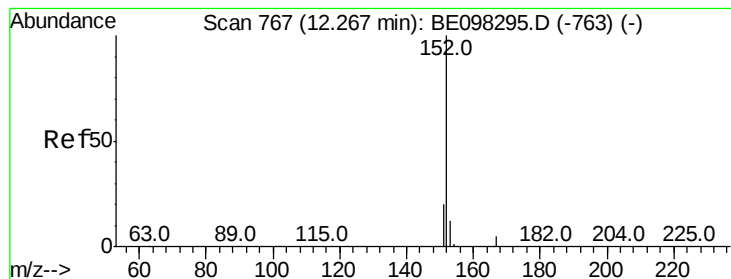


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

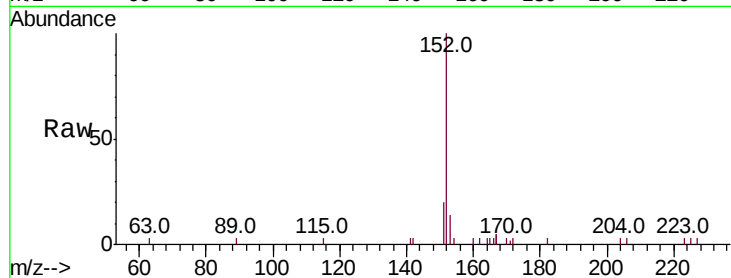
SSTDCCC0.4

Tot Ion:152 Resp: 3207

Ion Ratio Lower Upper

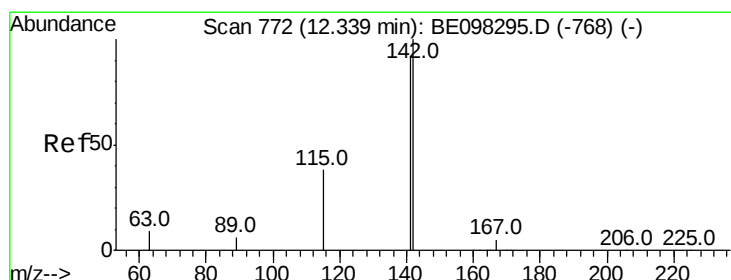
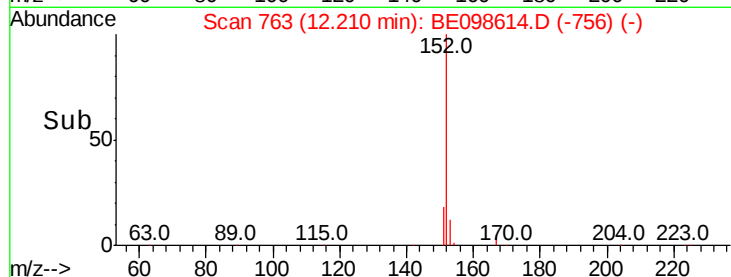
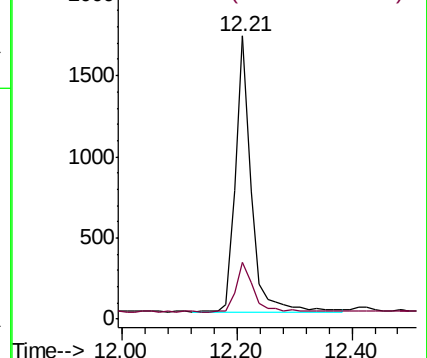
152 100

151 19.8 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: 0.439 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

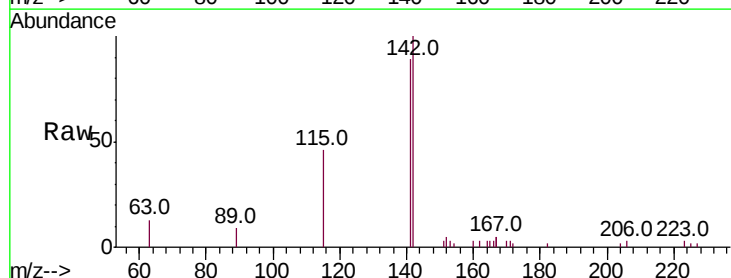
Tgt Ion:142 Resp: 3180

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

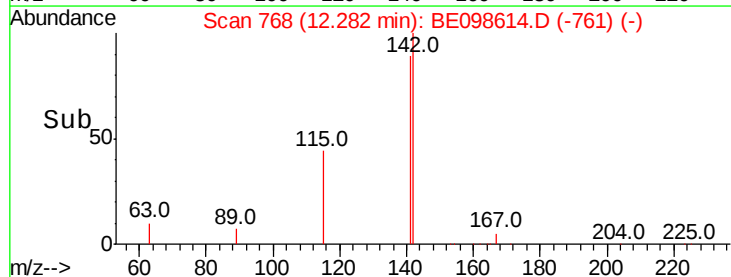
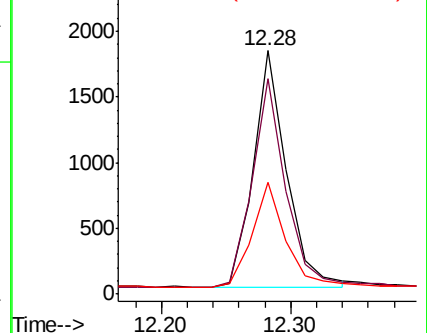
115 45.7 32.2 48.2

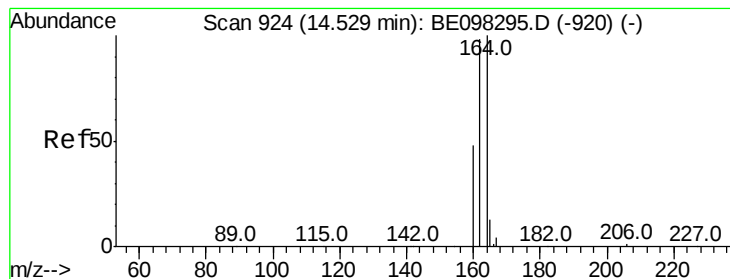


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

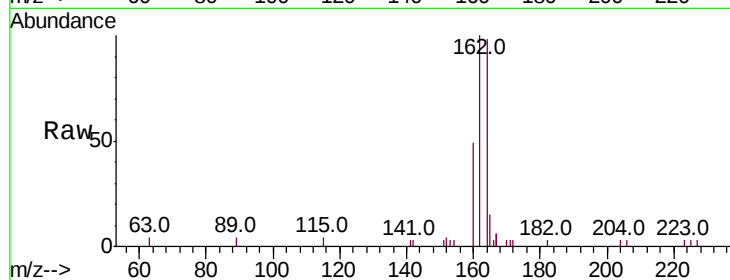
Tot Ion:164 Resp: 2930

Ion Ratio Lower Upper

164 100

162 101.9 77.6 116.4

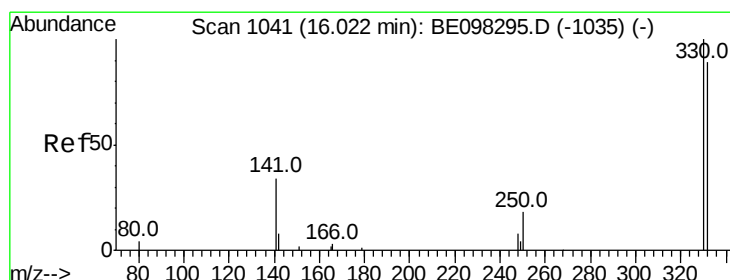
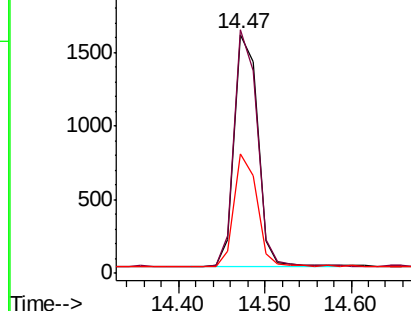
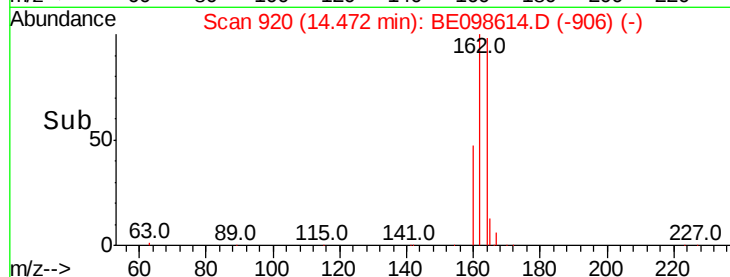
160 49.9 36.0 54.0



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: 0.507 ng

RT: 15.97 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

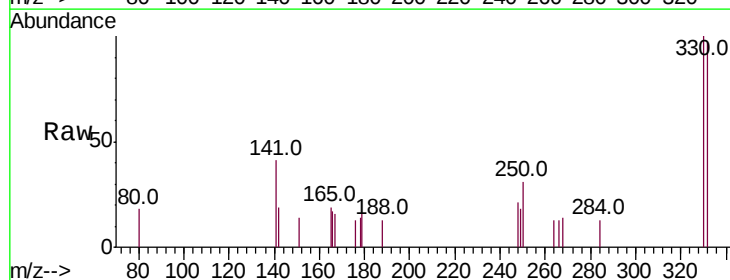
Tgt Ion:330 Resp: 545

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

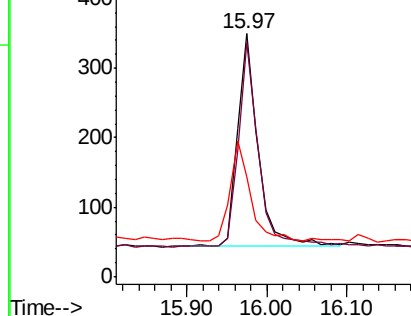
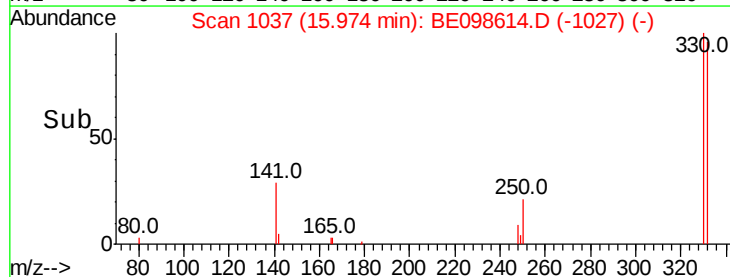
141 46.2 39.0 58.4

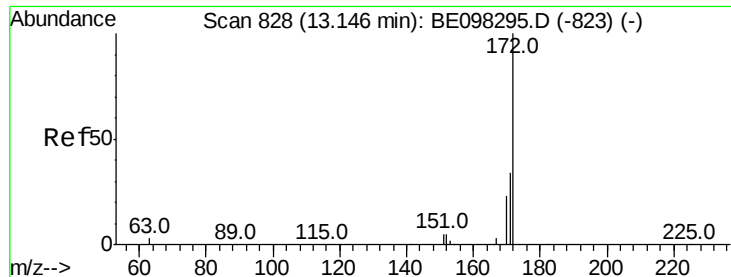


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

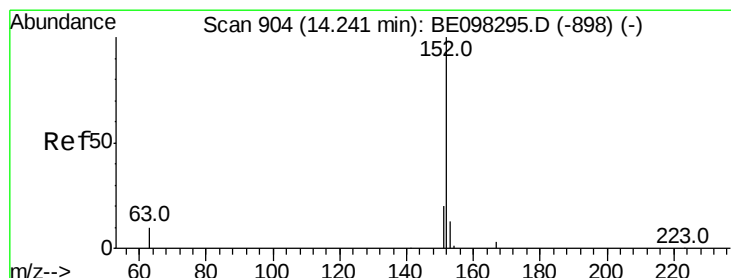
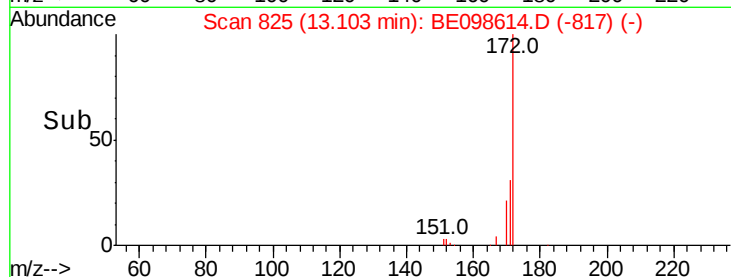
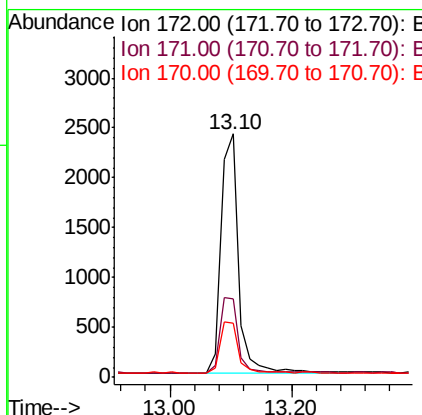
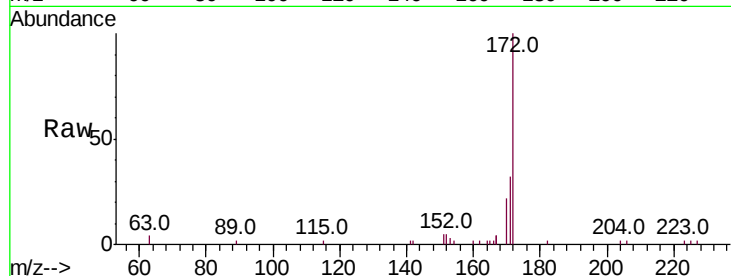




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

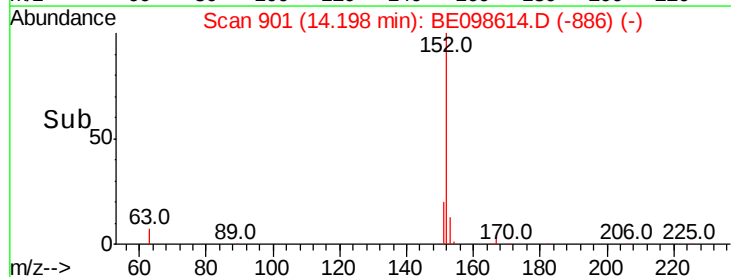
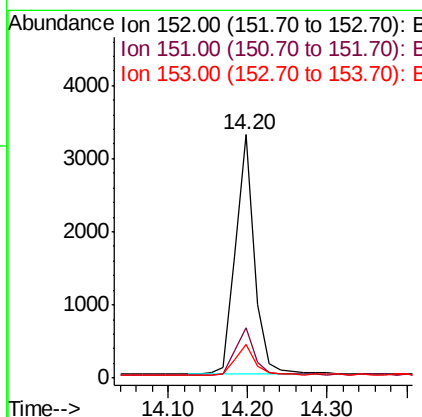
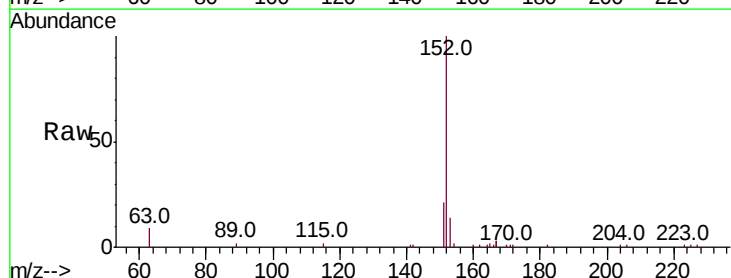
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 4862
Ion Ratio Lower Upper
172 100
171 32.2 27.5 41.3
170 22.4 19.6 29.4



#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:152 Resp: 5450
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 12.8 10.6 16.0

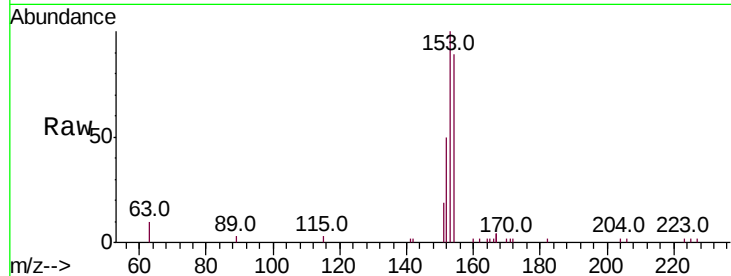




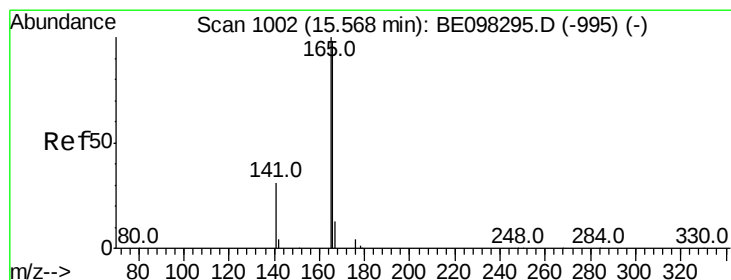
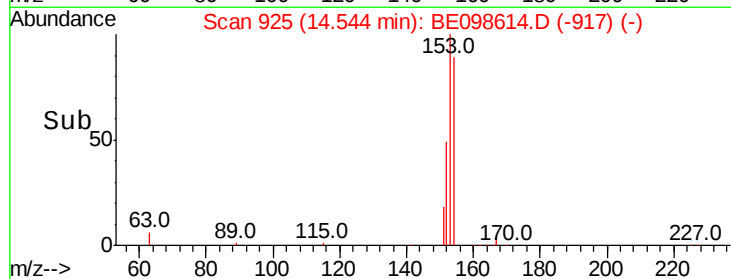
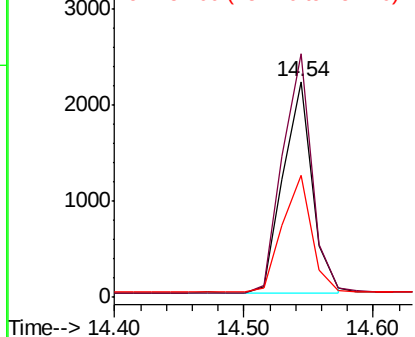
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 3441
Ion Ratio Lower Upper
154 100
153 114.0 91.8 137.6
152 55.2 45.5 68.3

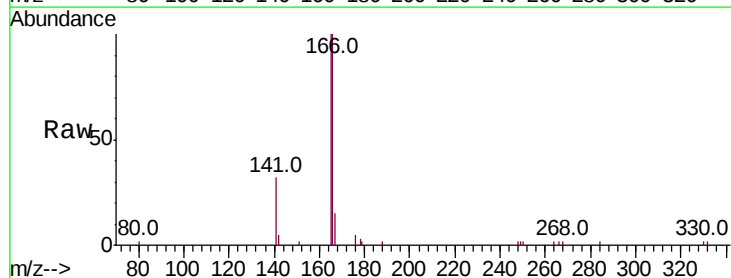


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

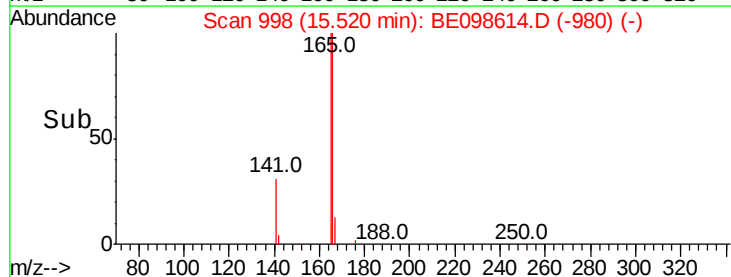
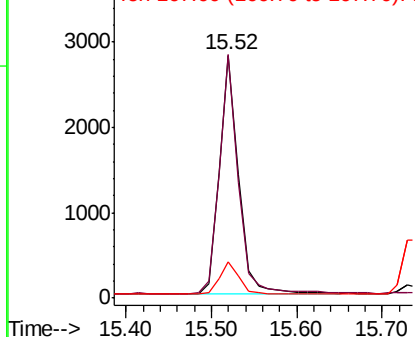


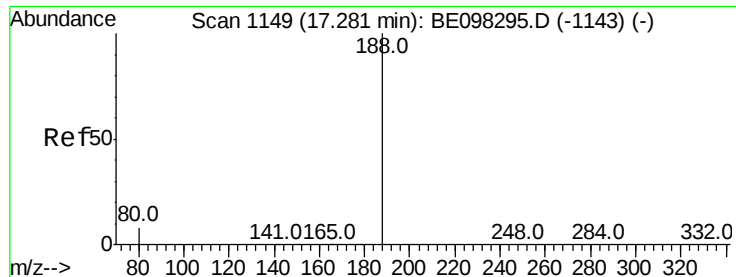
#18
Fluorene
Concen: 0.402 ng
RT: 15.52 min Scan# 998
Delta R.T. 0.01 min
Lab File: BE098614.D
Acq: 4 Jan 2019 12:23

Tgt Ion:166 Resp: 4435
Ion Ratio Lower Upper
166 100
165 98.2 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: 17.22 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

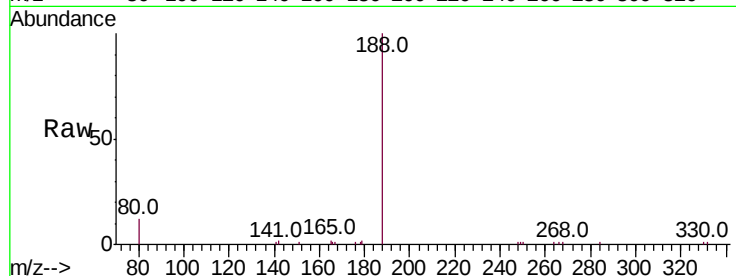
Tot Ion:188 Resp: 6916

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

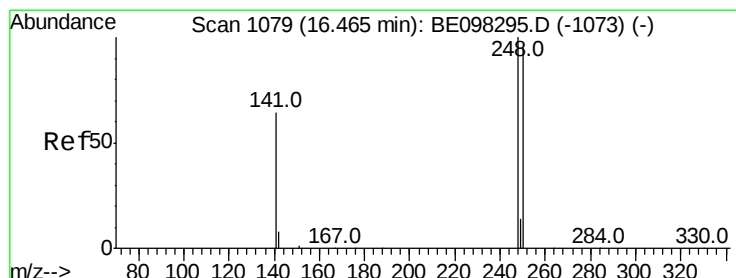
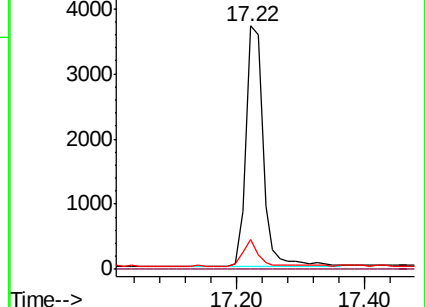
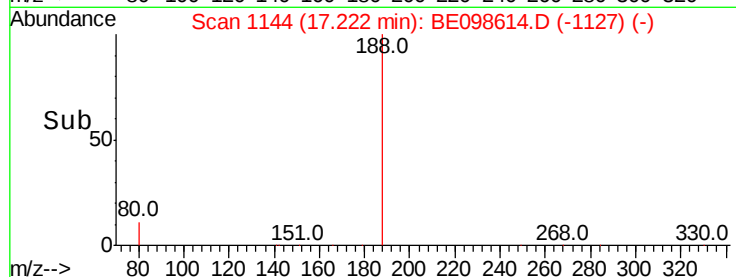
80 12.1 7.2 10.8#



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: 0.429 ng

RT: 16.42 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

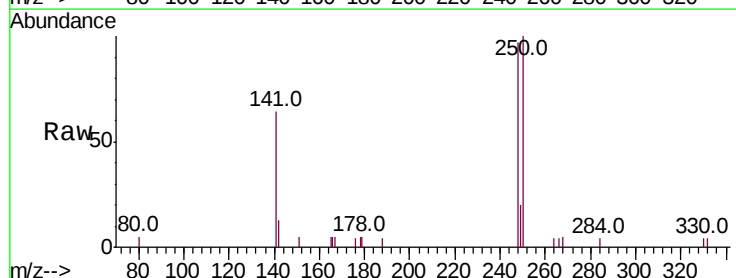
Tgt Ion:248 Resp: 1597

Ion Ratio Lower Upper

248 100

250 103.2 71.0 106.6

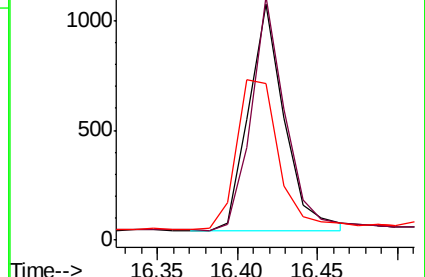
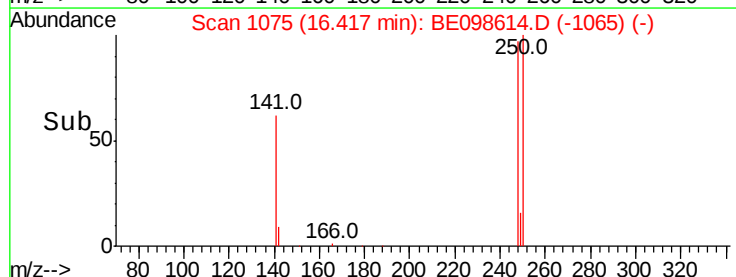
141 66.3 62.1 93.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.460 ng

RT: 16.53 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

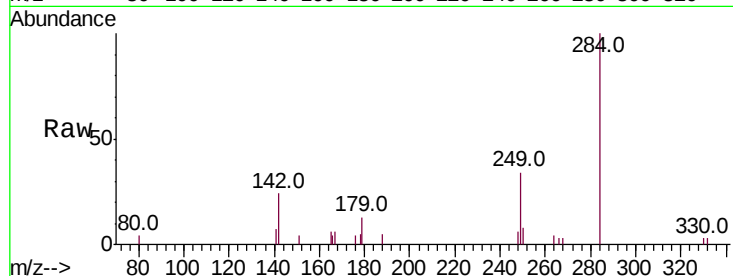
Tot Ion:284 Resp: 1839

Ion Ratio Lower Upper

284 100

142 34.4 26.3 39.5

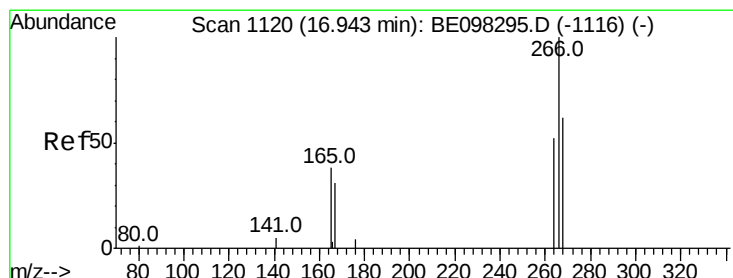
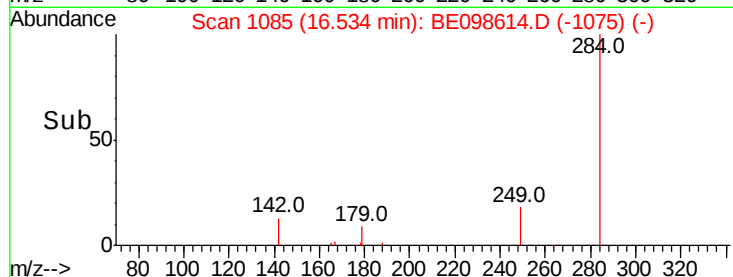
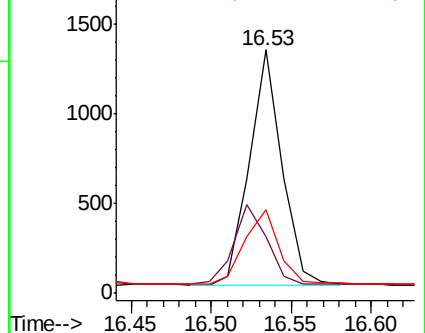
249 32.2 26.0 39.0



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: 0.935 ng

RT: 16.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

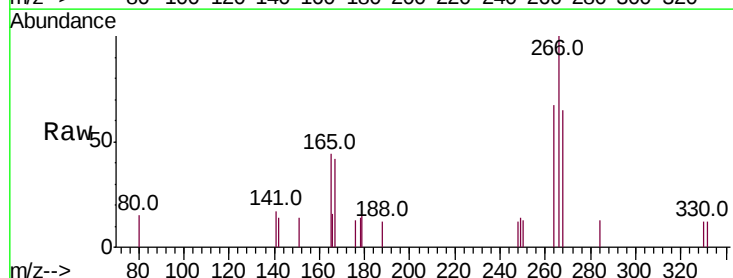
Tgt Ion:266 Resp: 711

Ion Ratio Lower Upper

266 100

264 66.8 59.0 88.4

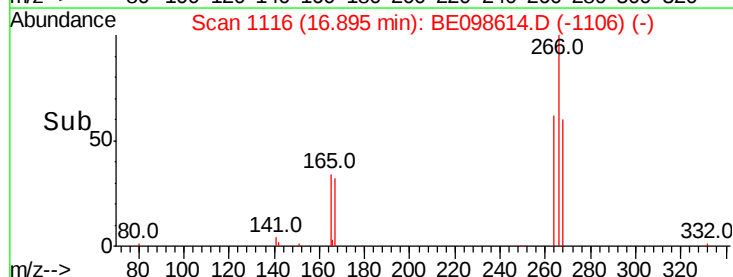
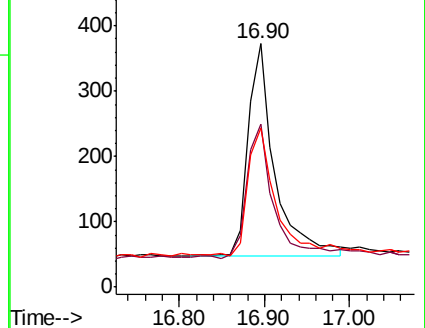
268 65.4 55.1 82.7

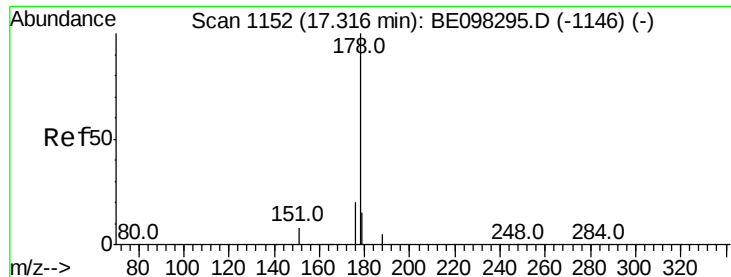


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 17.27 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

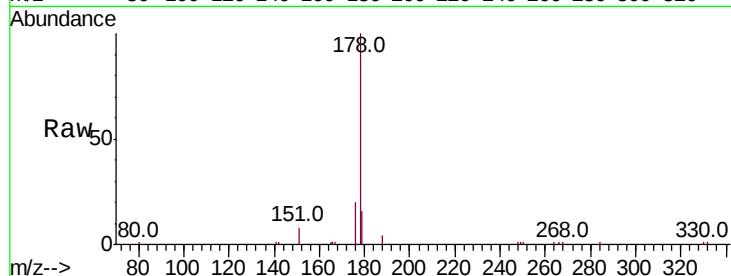
Tot Ion:178 Resp: 7089

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

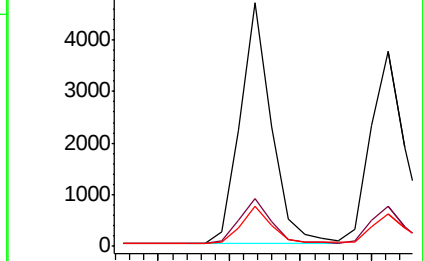
179 15.1 12.3 18.5



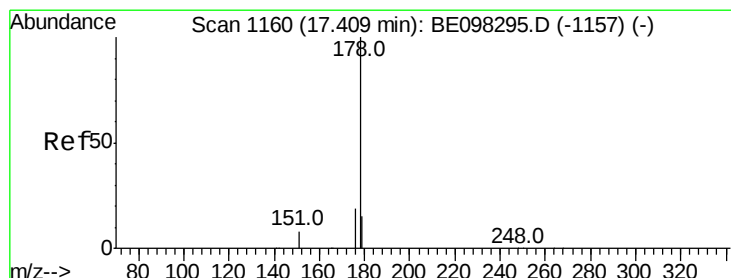
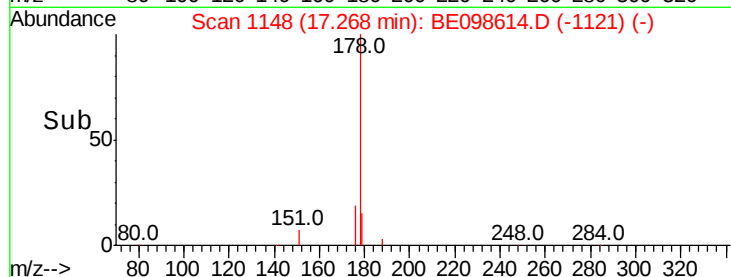
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.411 ng

RT: 17.36 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

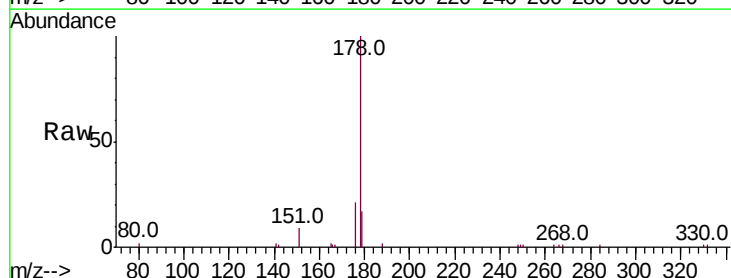
Tgt Ion:178 Resp: 6160

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

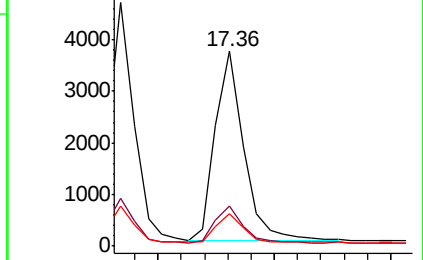
179 14.7 12.3 18.5



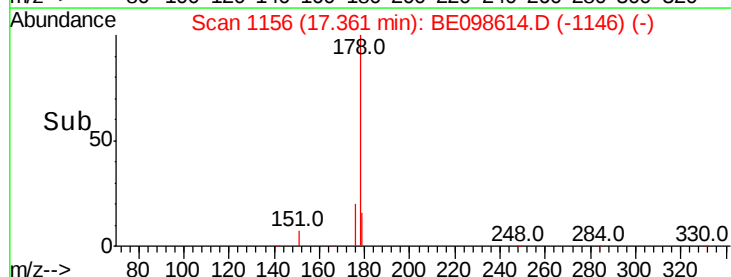
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

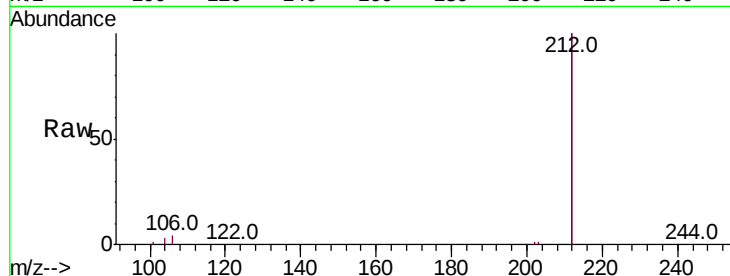
Tot Ion:212 Resp: 36088

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

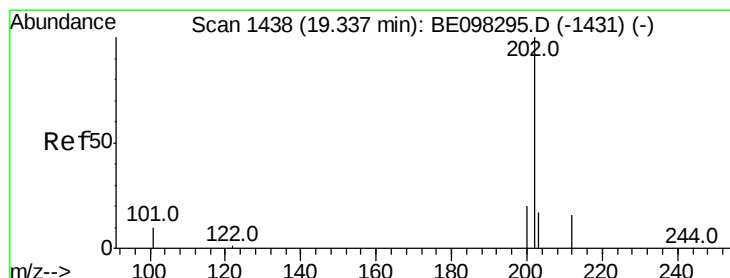
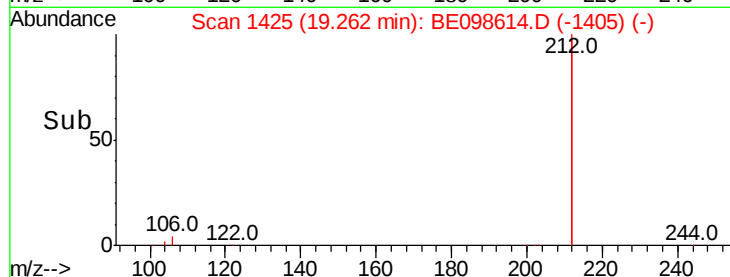
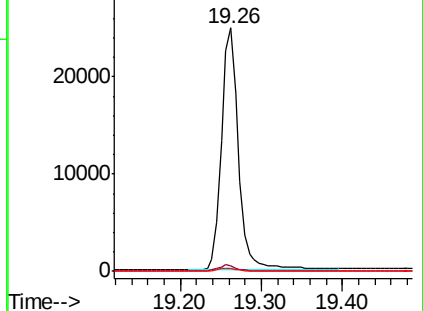
104 1.2 1.3 1.9#



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: 0.397 ng

RT: 19.29 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

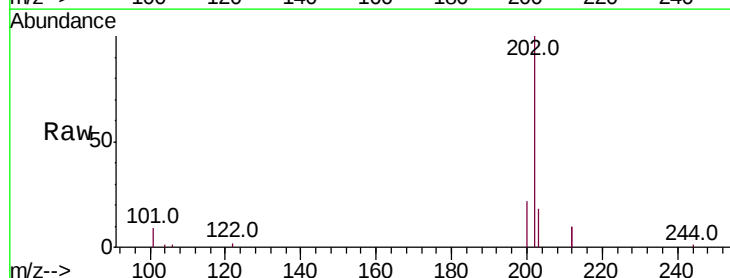
Tgt Ion:202 Resp: 8824

Ion Ratio Lower Upper

202 100

101 8.5 8.0 12.0

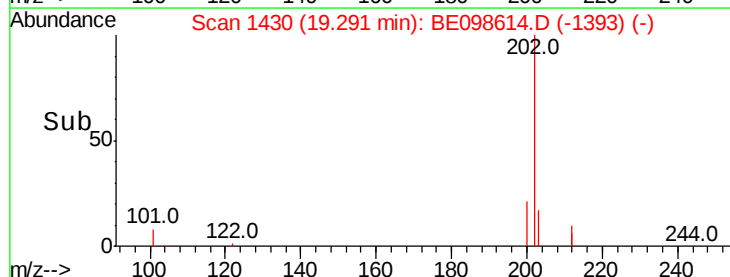
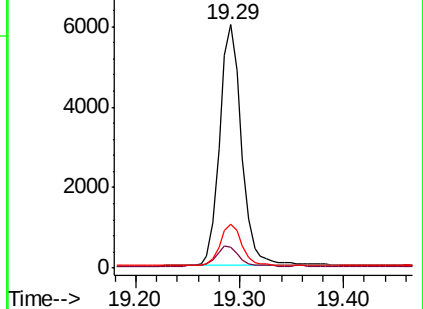
203 16.9 13.8 20.6



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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

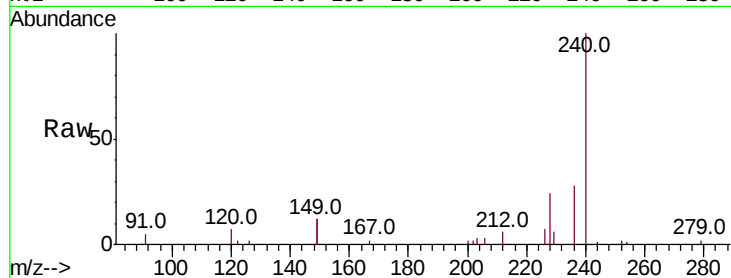
Tot Ion:240 Resp: 7848

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

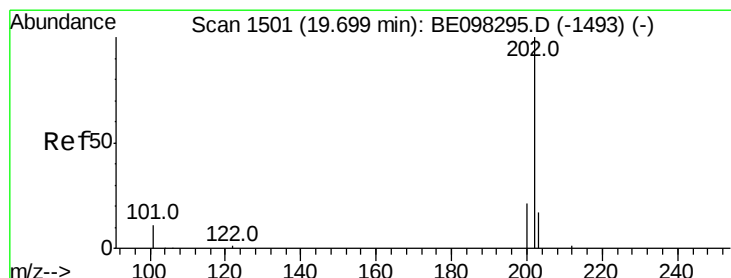
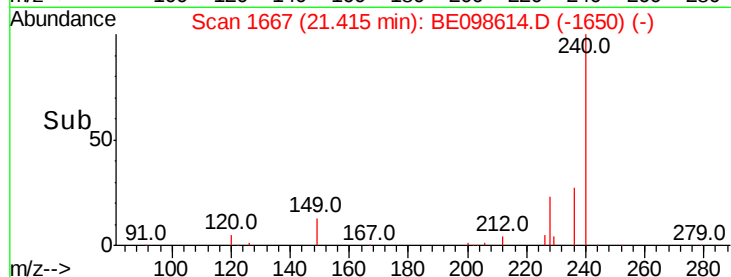
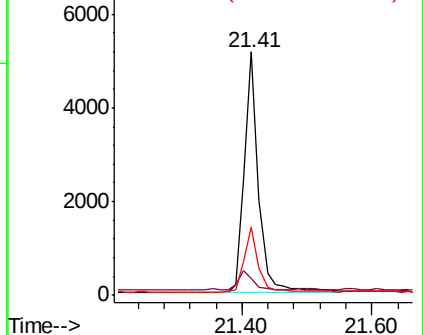
236 28.1 22.7 34.1



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: 0.381 ng

RT: 19.65 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

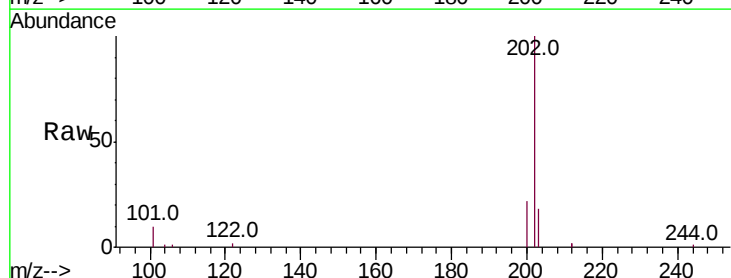
Tgt Ion:202 Resp: 9393

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

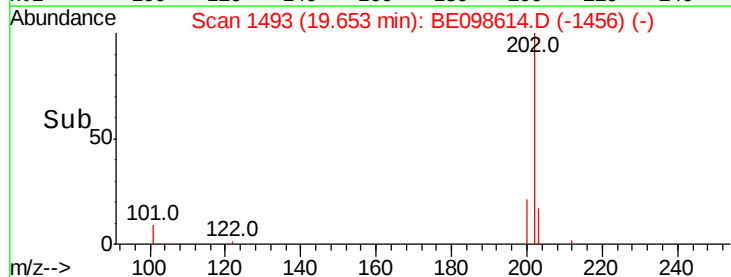
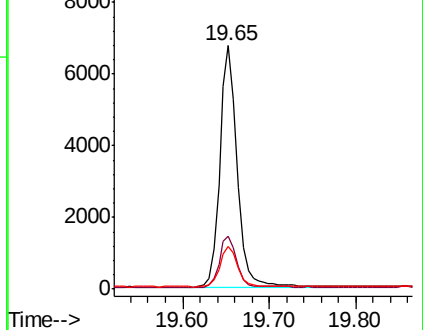
203 17.3 14.1 21.1



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: 0.386 ng

RT: 19.86 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

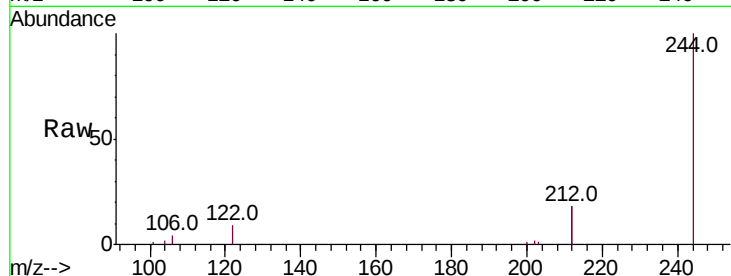
Tot Ion:244 Resp: 7354

Ion Ratio Lower Upper

244 100

212 37.0 27.4 41.0

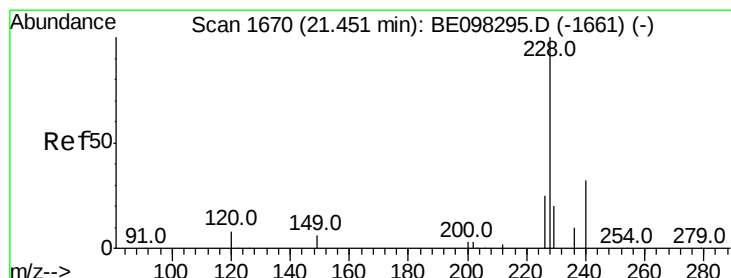
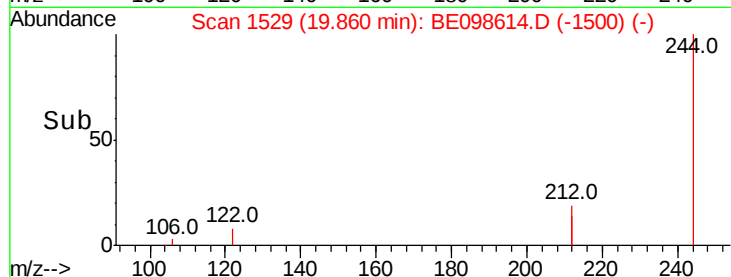
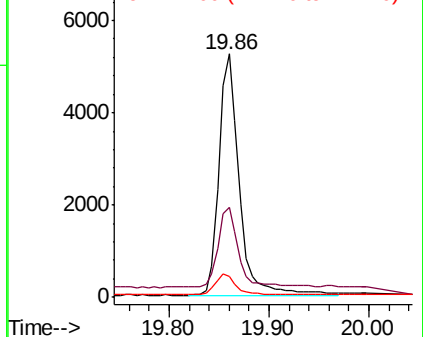
122 8.6 8.3 12.5



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: 0.425 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

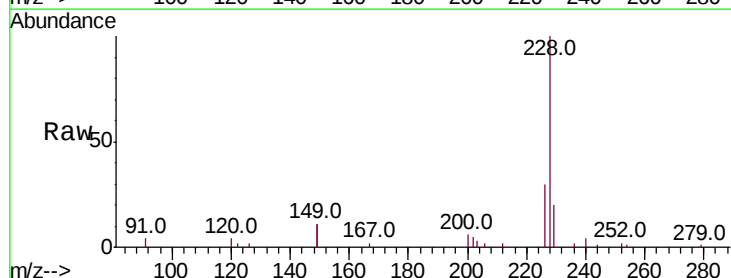
Tgt Ion:228 Resp: 9505

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.8

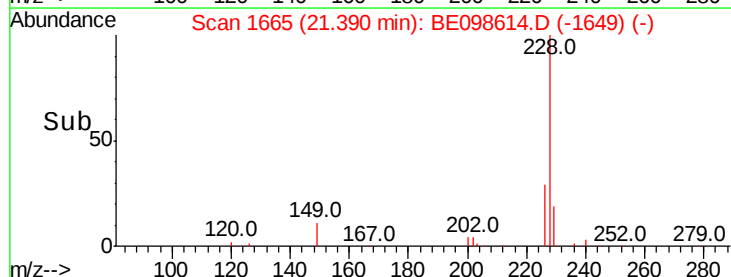
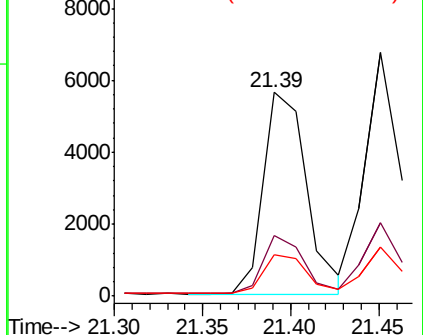
229 20.1 16.3 24.5



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: 0.406 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

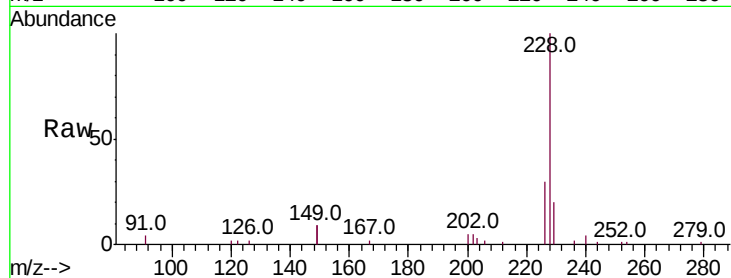
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 9506

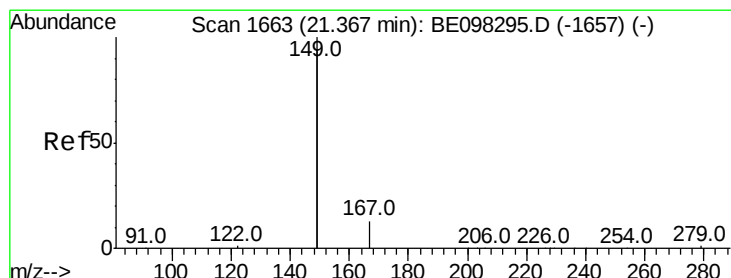
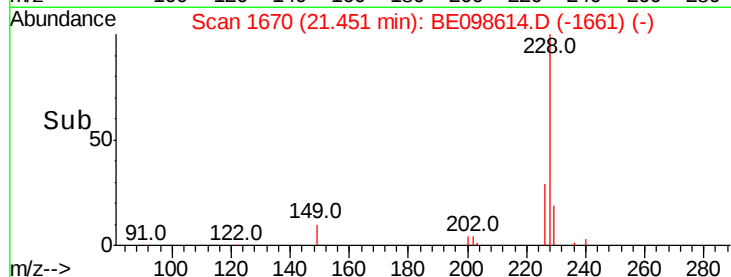
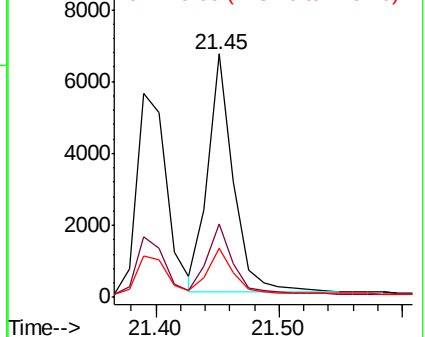
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	20.4	16.2	24.4



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: 0.527 ng

RT: 21.32 min Scan# 1659

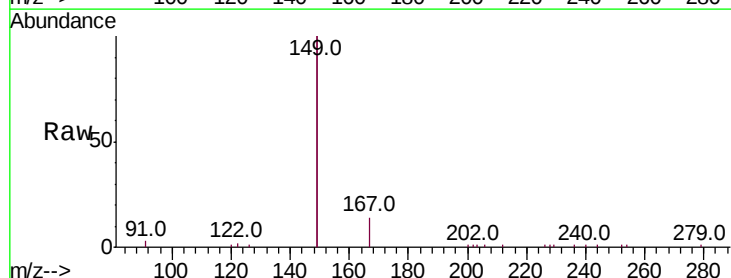
Delta R.T. 0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Tgt Ion:149 Resp: 23927

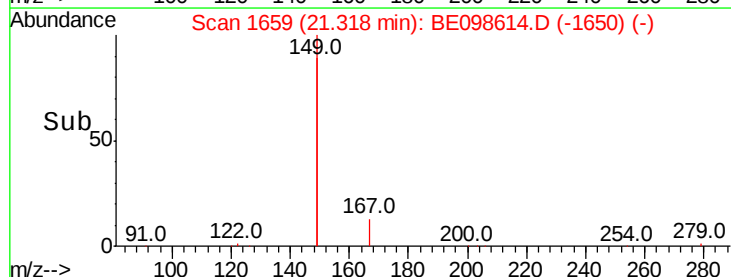
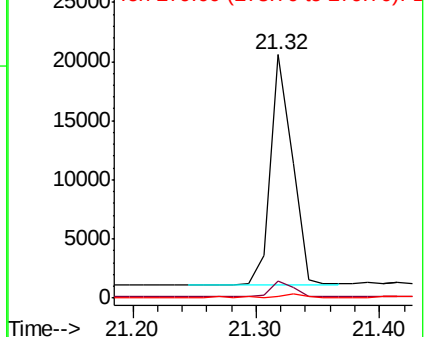
Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.2	1.0	1.4

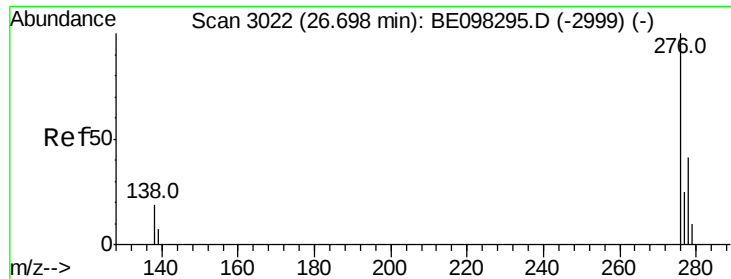


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.433 ng

RT: 26.58 min Scan# 2989

Delta R.T. -0.06 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

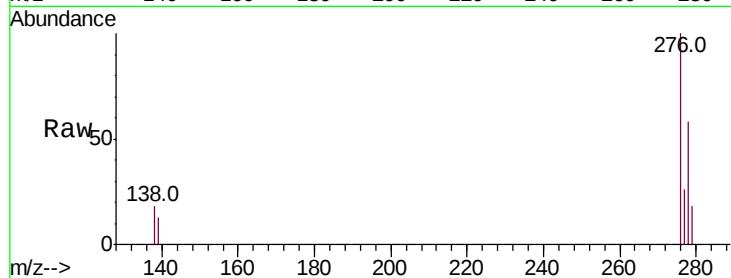
Tot Ion:276 Resp: 10091

Ion Ratio Lower Upper

276 100

138 18.6 16.3 24.5

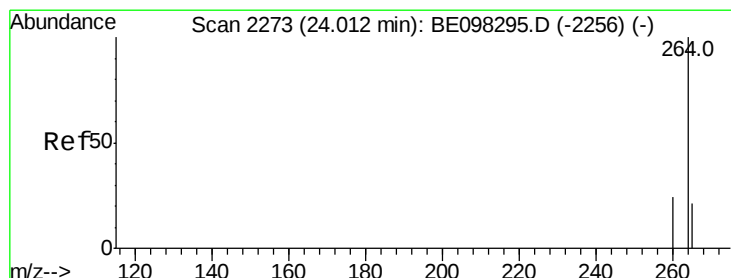
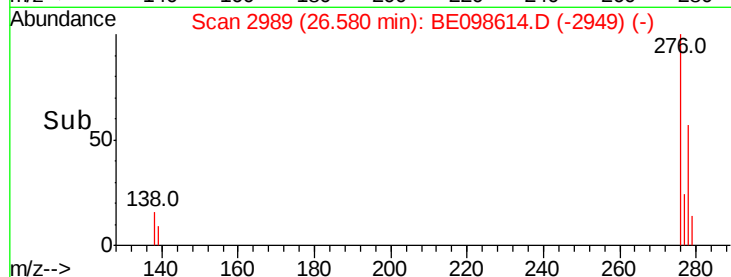
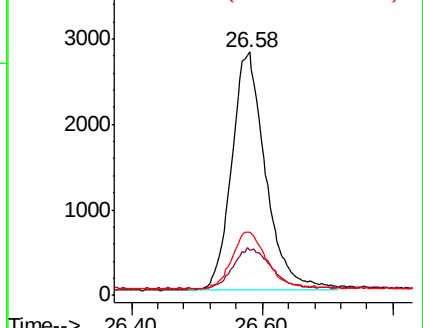
277 25.1 20.2 30.4



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: 23.93 min Scan# 2249

Delta R.T. -0.03 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

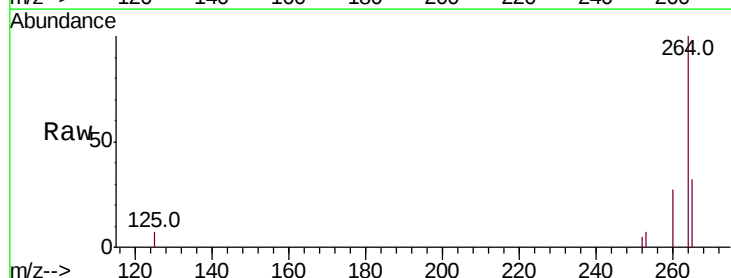
Tgt Ion:264 Resp: 7741

Ion Ratio Lower Upper

264 100

260 26.7 20.2 30.2

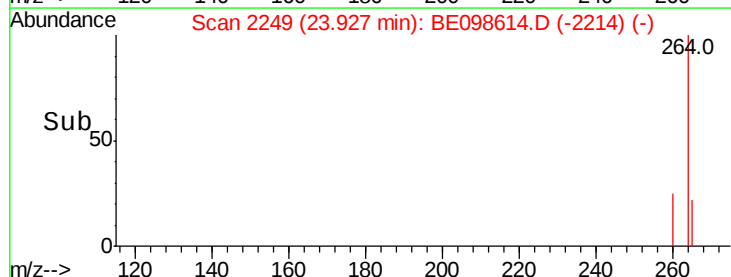
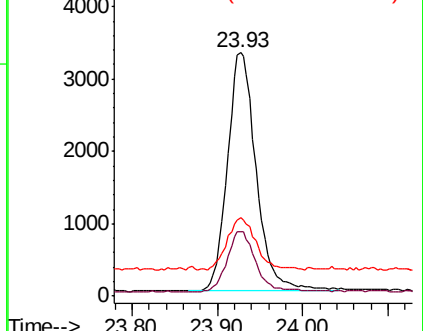
265 32.5 25.2 37.8



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: 0.420 ng

RT: 23.16 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

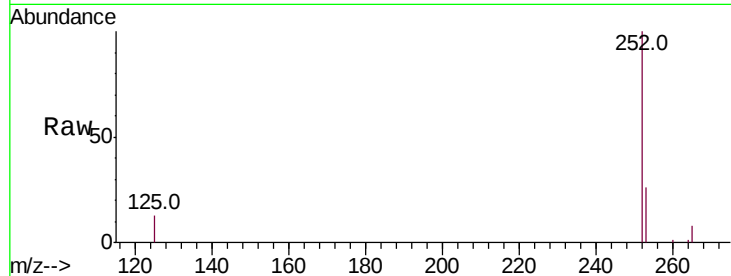
Tot Ion:252 Resp: 8883

Ion Ratio Lower Upper

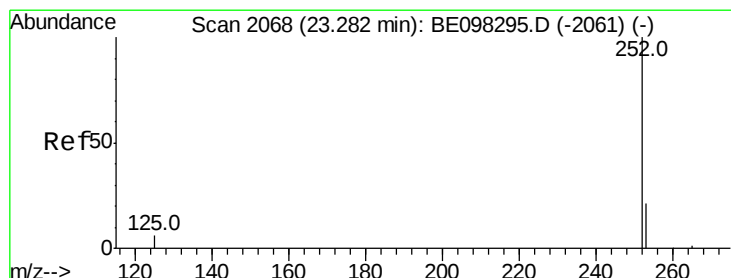
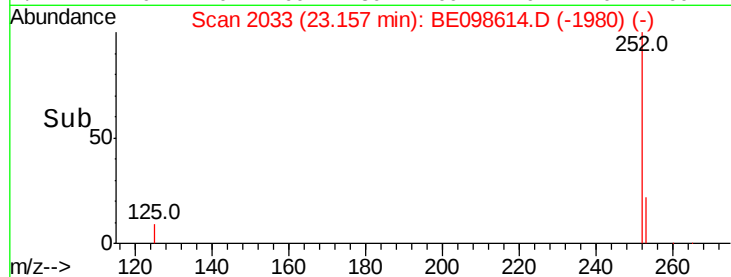
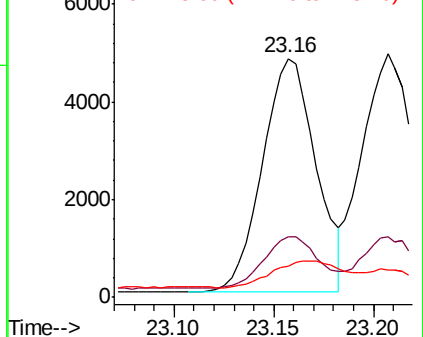
252 100

253 25.6 20.0 30.0

125 13.2 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: 0.389 ng

RT: 23.21 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

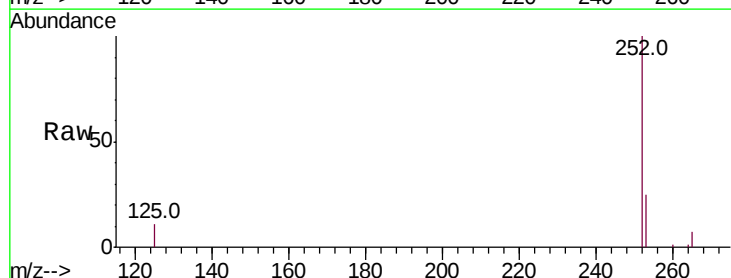
Tgt Ion:252 Resp: 9588

Ion Ratio Lower Upper

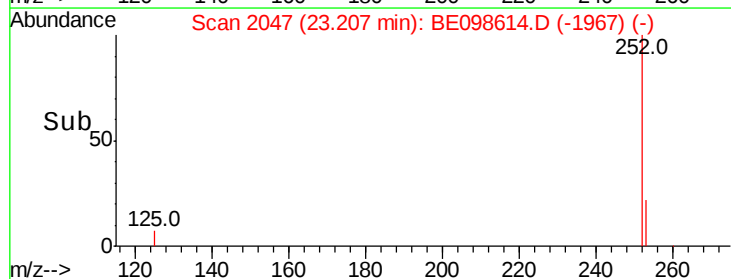
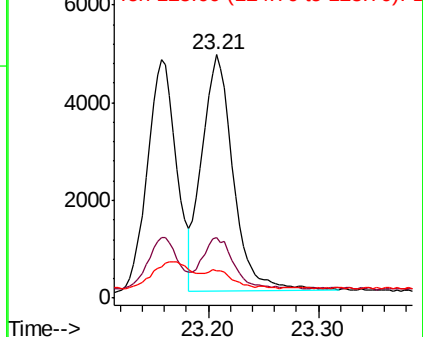
252 100

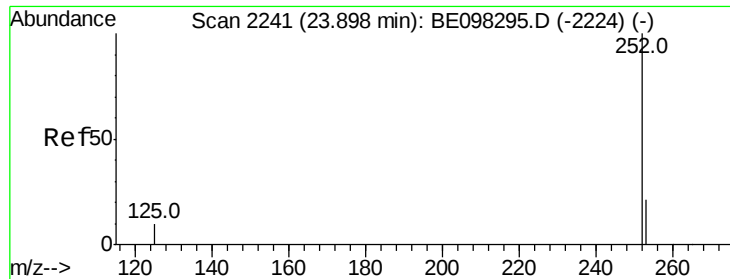
253 24.8 19.0 28.6

125 11.4 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: 0.399 ng

RT: 23.81 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

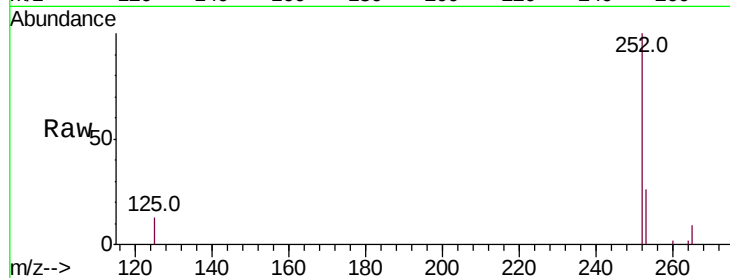
Tot Ion:252 Resp: 8723

Ion Ratio Lower Upper

252 100

253 25.6 20.6 30.8

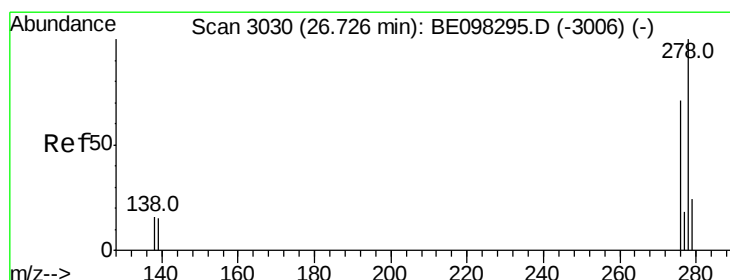
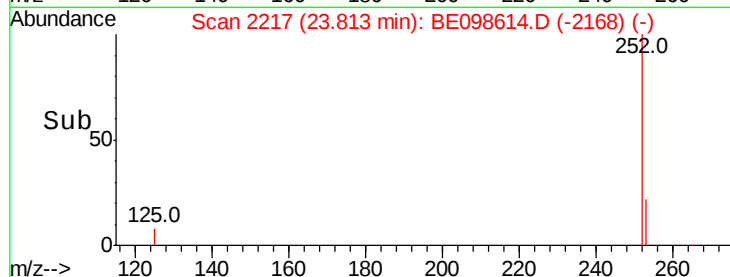
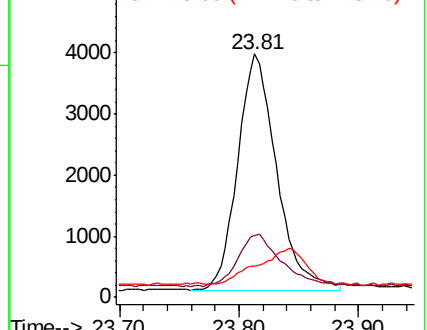
125 13.0 10.5 15.7



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: 0.395 ng

RT: 26.60 min Scan# 2994

Delta R.T. -0.07 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

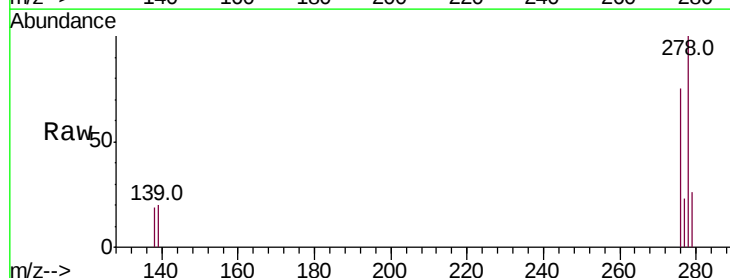
Tgt Ion:278 Resp: 8126

Ion Ratio Lower Upper

278 100

139 20.4 14.5 21.7

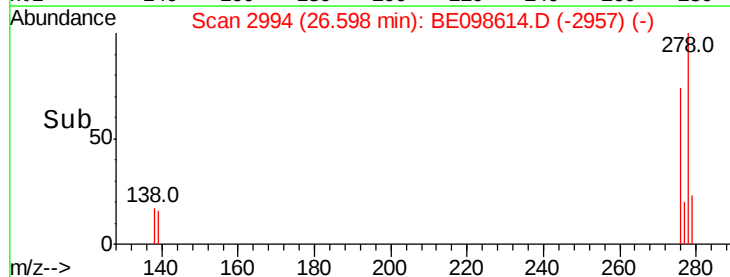
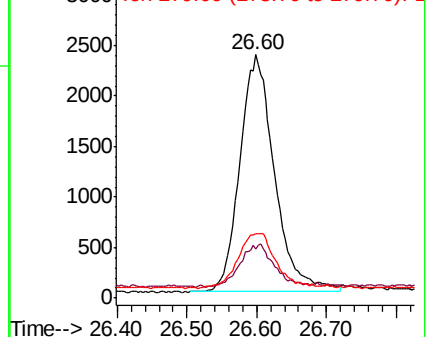
279 26.4 21.8 32.8

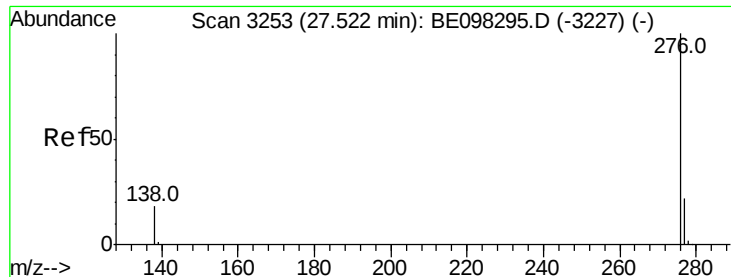


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.416 ng

RT: 27.39 min Scan# 3215

Delta R.T. -0.08 min

Lab File: BE098614.D

Acq: 4 Jan 2019 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

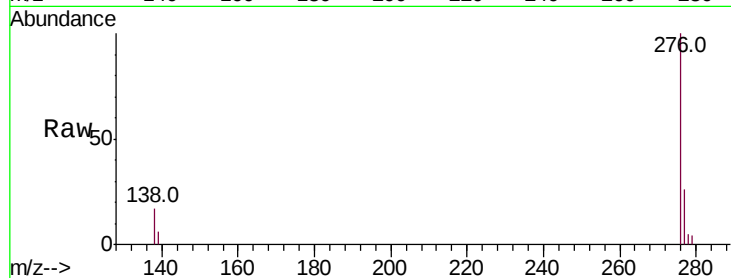
Tot Ion:276 Resp: 8625

Ion Ratio Lower Upper

276 100

277 25.5 20.8 31.2

138 17.5 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

