

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
 Data File : BE098293.D
 Acq On : 10 Dec 2018 11:12
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Dec 10 13:14:15 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	7.87	152	1600	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	6911	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3991	0.40	ng	0.01
19) Phenanthrene-d10	17.29	188	9867	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11770	0.40	ng	0.01
34) Perylene-d12	24.02	264	11579	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	377	0.09	ng	0.02
5) Phenol-d6	7.08	99	471	0.08	ng	0.03
8) Nitrobenzene-d5	9.06	82	591	0.08	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1116	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	138	0.07	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	1973	0.12	ng	0.01
25) Fluoranthene-d10	19.32	212	12947	0.10	ng	0.01
29) Terphenyl-d14	19.92	244	2775	0.10	ng	0.01

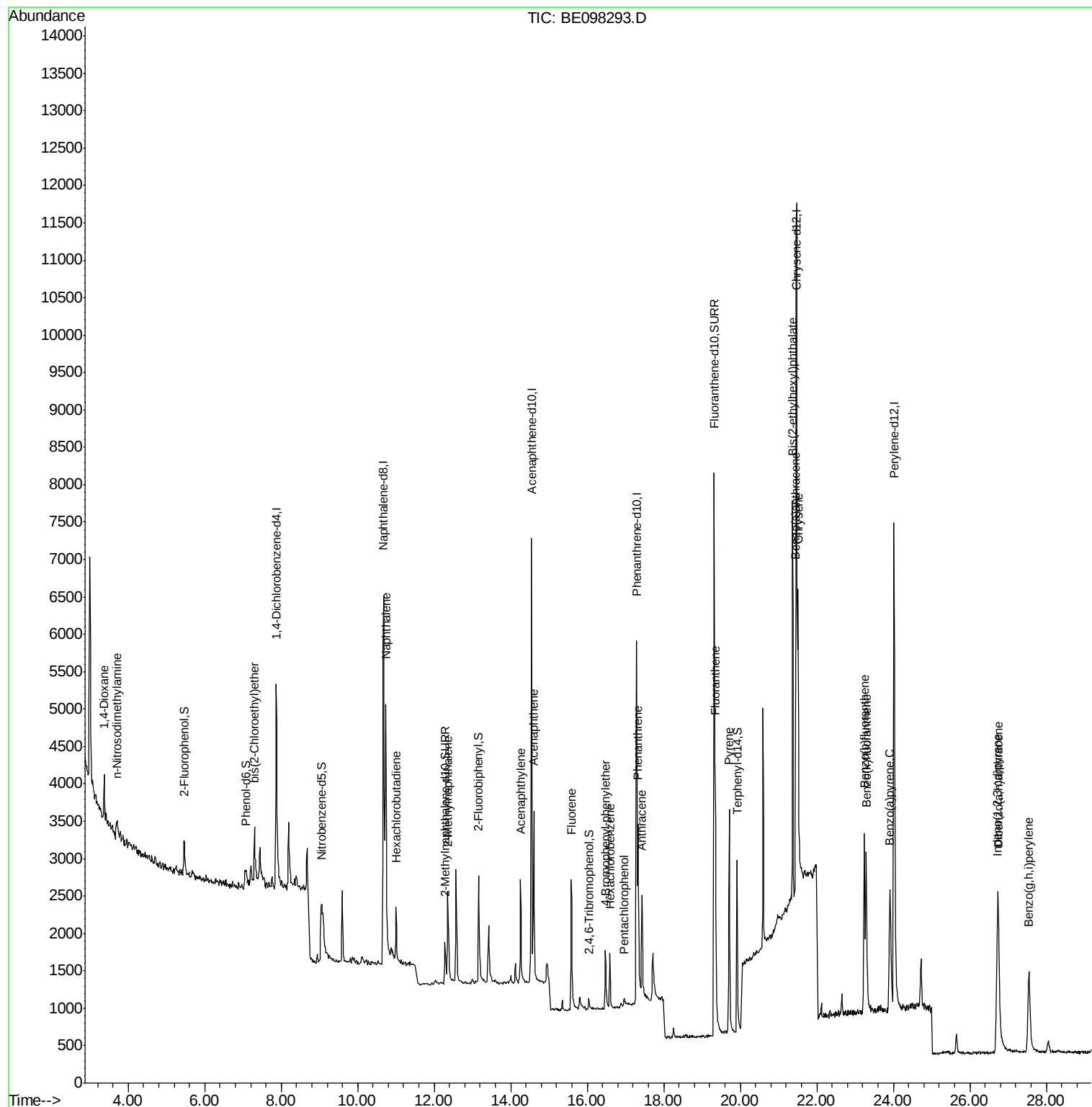
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	336	0.113	ng	# 92
3) n-Nitrosodimethylamine	3.70	42	240	0.078	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	515	0.093	ng	# 86
9) Naphthalene	10.73	128	7350	0.106	ng	# 97
10) Hexachlorobutadiene	11.00	225	482	0.108	ng	# 98
12) 2-Methylnaphthalene	12.35	142	1089	0.094	ng	# 91
16) Acenaphthylene	14.26	152	1909	0.102	ng	# 97
17) Acenaphthene	14.60	154	1113	0.100	ng	# 93
18) Fluorene	15.58	166	1436	0.098	ng	# 99
20) 4-Bromophenyl-phenylether	16.47	248	515	0.092	ng	# 93
21) Hexachlorobenzene	16.59	284	587	0.102	ng	# 91
22) Pentachlorophenol	16.96	266	102	0.054	ng	# 80
23) Phenanthrene	17.33	178	2463	0.101	ng	# 99
24) Anthracene	17.42	178	2009	0.088	ng	# 99
26) Fluoranthene	19.35	202	3199	0.096	ng	# 99
28) Pyrene	19.71	202	3404	0.104	ng	# 99
30) Benzo(a)anthracene	21.45	228	3435	0.099	ng	# 98
31) Chrysene	21.51	228	3630	0.103	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.37	149	7125	0.086	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	3689	0.104	ng	# 98
35) Benzo(b)fluoranthene	23.24	252	3171	0.093	ng	# 75
36) Benzo(k)fluoranthene	23.29	252	3736	0.105	ng	# 89
37) Benzo(a)pyrene	23.91	252	3389	0.104	ng	# 79
38) Dibenzo(a,h)anthracene	26.75	278	3052	0.098	ng	# 72
39) Benzo(g,h,i)perylene	27.54	276	3128	0.101	ng	# 93

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

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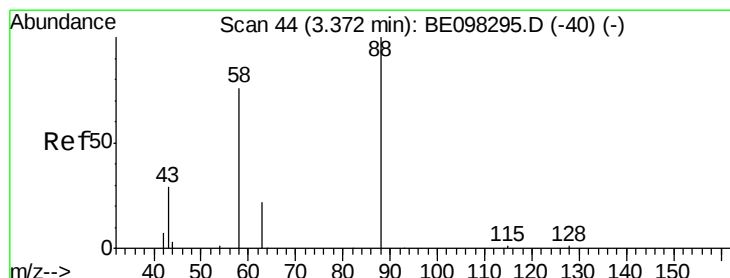
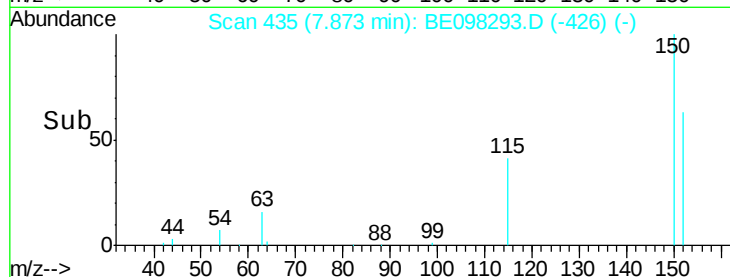
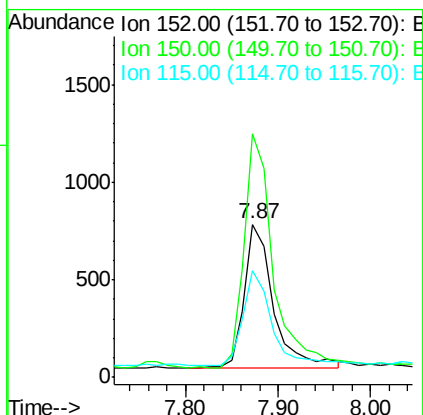
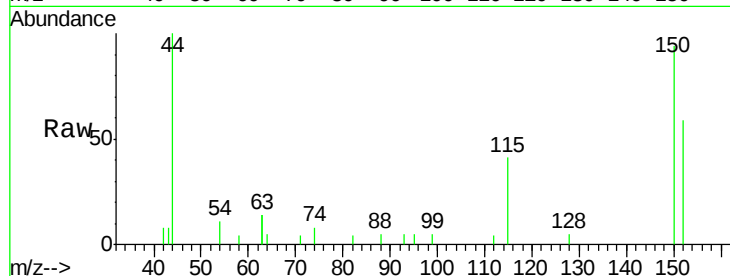


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

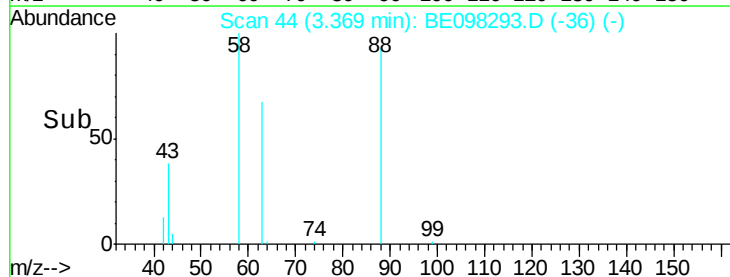
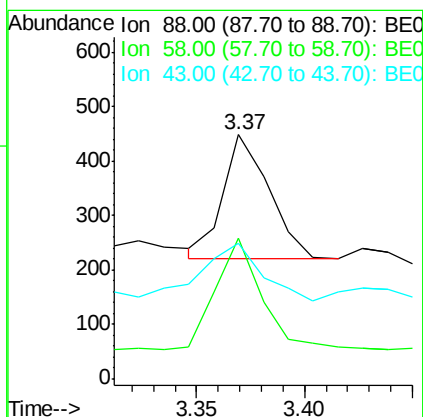
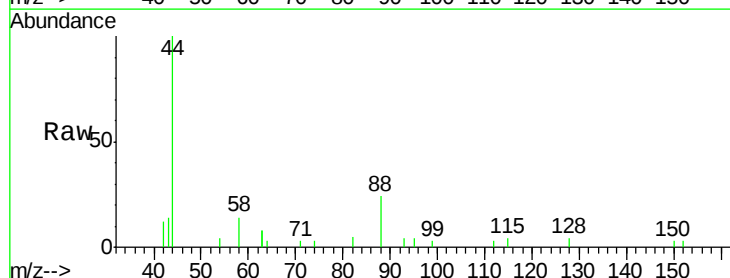
Tgt Ion: 152 Resp: 1600
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 69.7 53.9 80.9



#2

1,4-Dioxane
Concen: 0.113 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Tgt Ion: 88 Resp: 336
Ion Ratio Lower Upper
88 100
58 91.7 75.0 112.6
43 61.6 38.3 57.5#





#3

n-Nitrosodimethylamine

Concen: 0.078 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

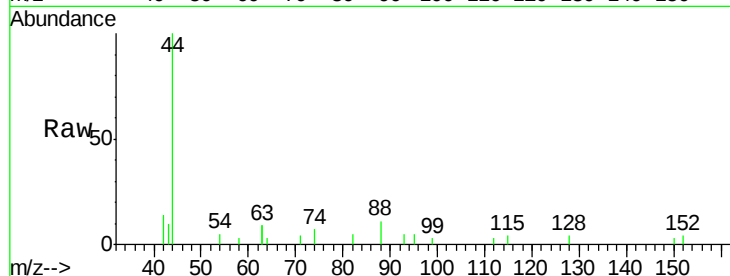
Tgt Ion: 42 Resp: 240

Ion Ratio Lower Upper

42 100

74 76.7 0.0 0.0#

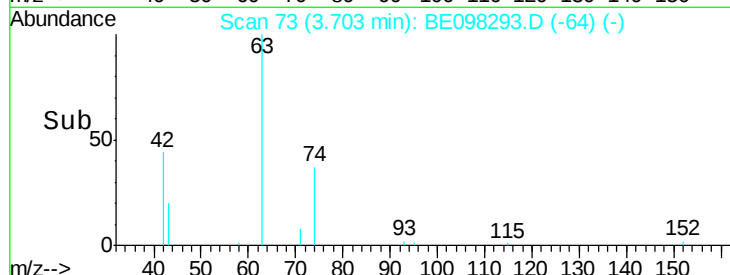
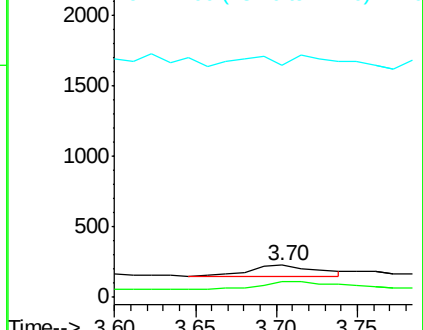
44 47.9 0.0 0.0#



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: 0.088 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

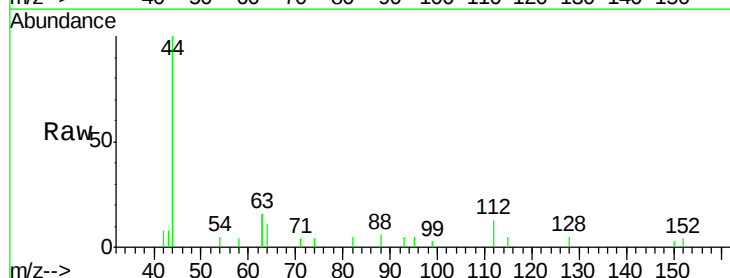
Tgt Ion: 112 Resp: 377

Ion Ratio Lower Upper

112 100

64 79.3 59.8 89.8

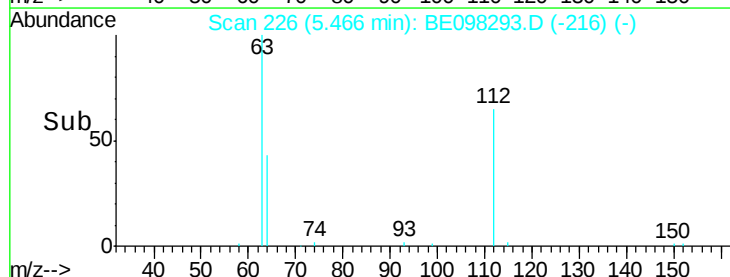
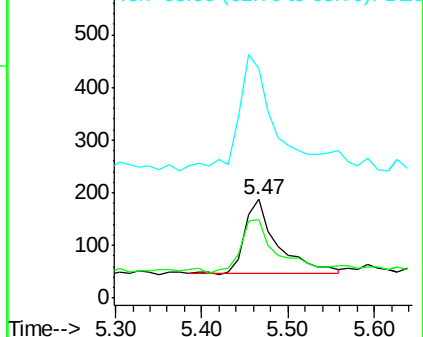
63 159.9 133.7 200.5

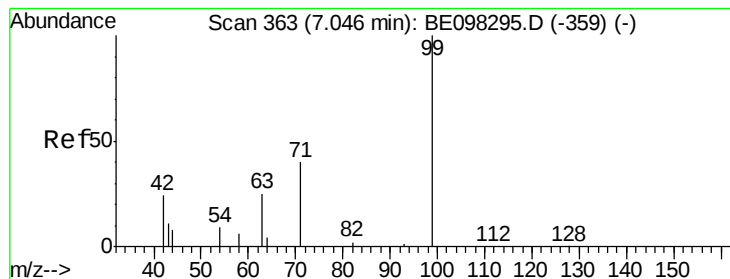


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.078 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

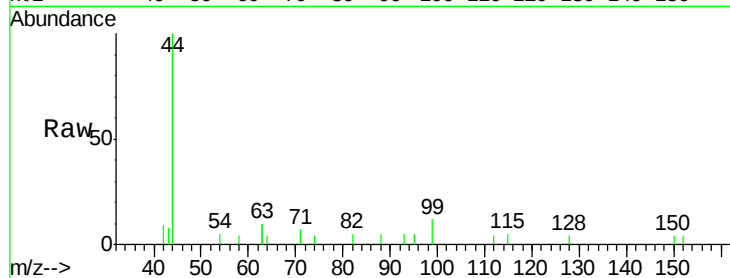
Tgt Ion: 99 Resp: 471

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

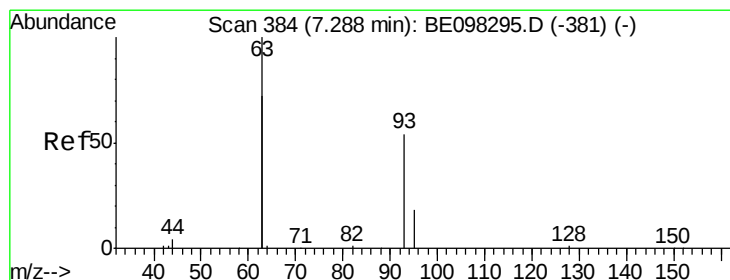
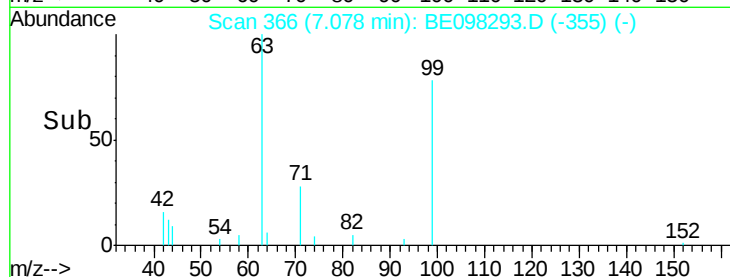
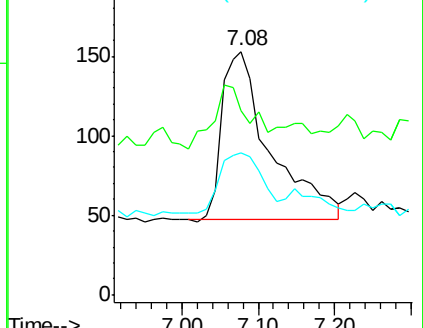
71 31.2 33.6 50.4#



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: 0.093 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

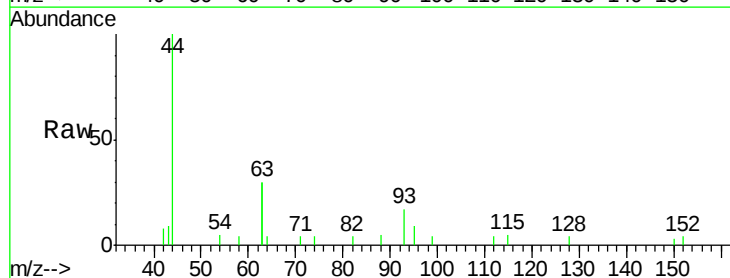
Tgt Ion: 93 Resp: 515

Ion Ratio Lower Upper

93 100

63 297.7 264.4 396.6

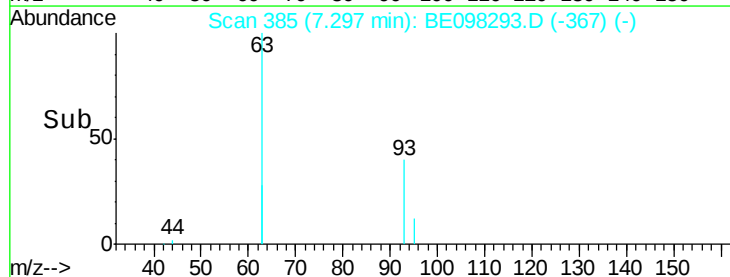
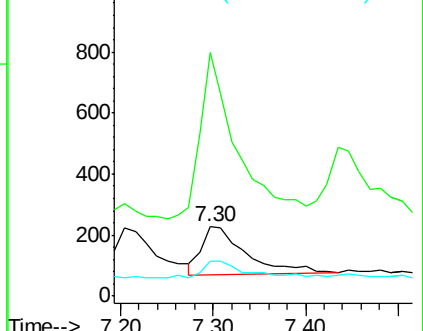
95 33.6 26.6 40.0

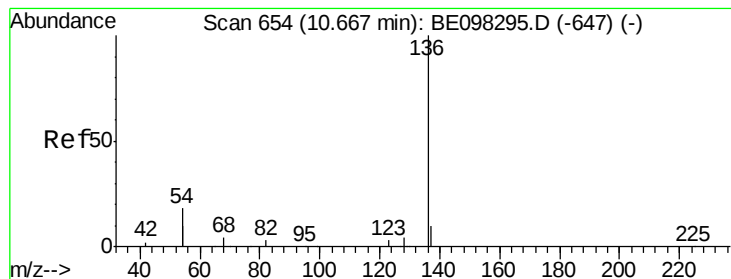


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 6911

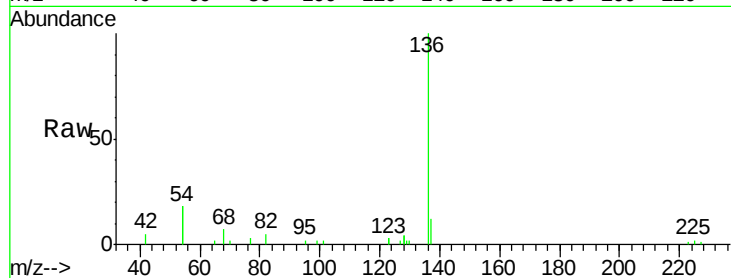
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 36.8 28.4 42.6

68 6.7 5.4 8.0

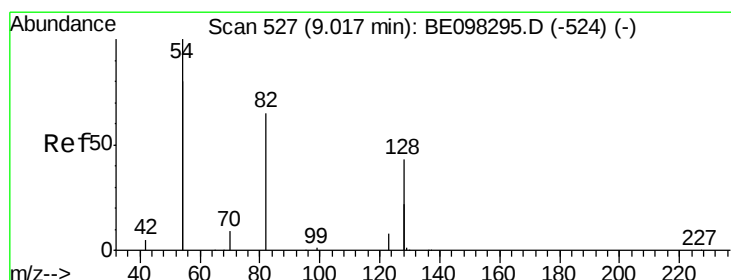
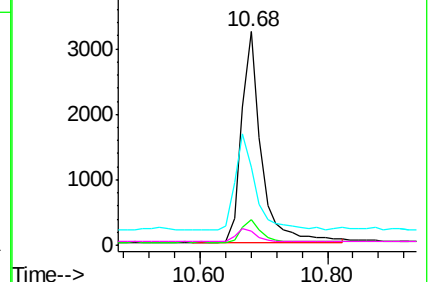
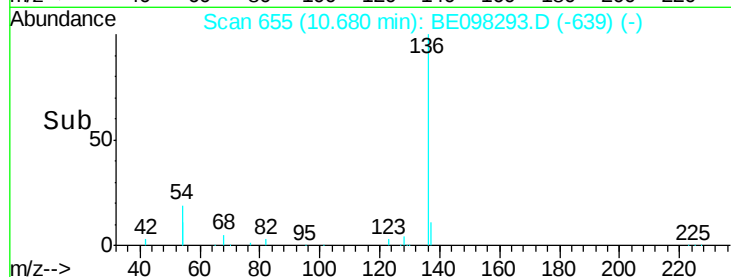


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.084 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

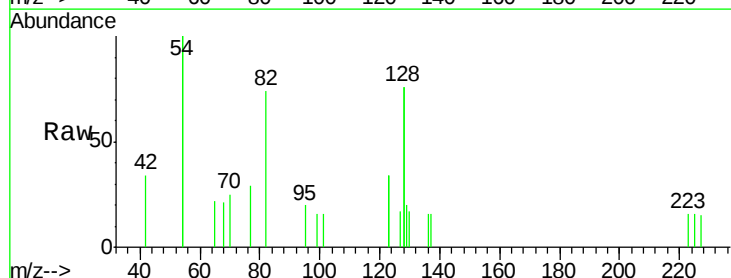
Tgt Ion: 82 Resp: 591

Ion Ratio Lower Upper

82 100

128 206.4 102.4 153.6#

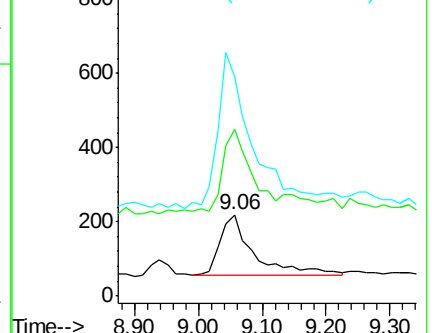
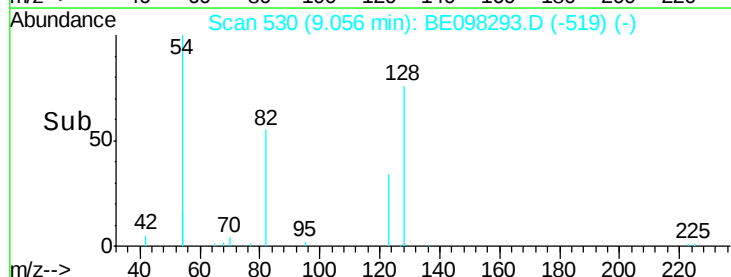
54 270.6 221.8 332.8



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: 0.106 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.03 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

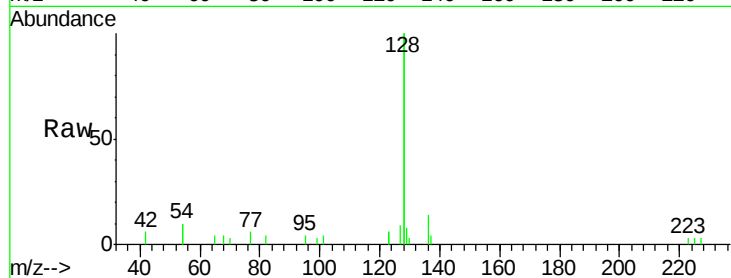
Tgt Ion:128 Resp: 7350

Ion Ratio Lower Upper

128 100

129 3.8 2.5 3.7#

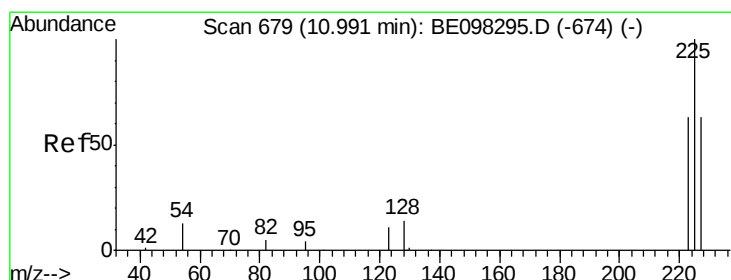
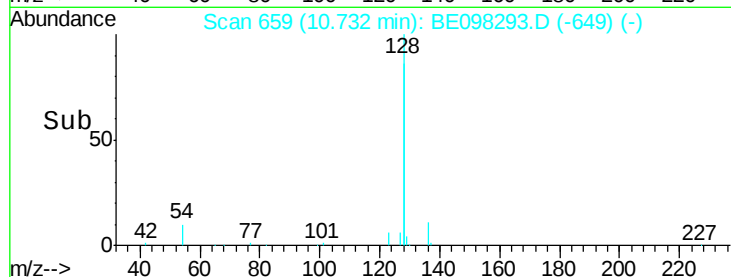
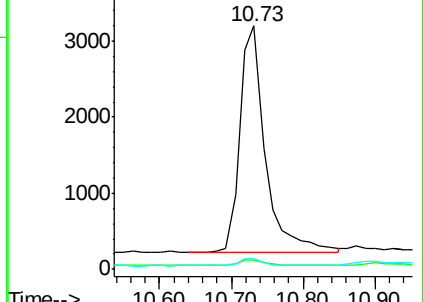
127 4.5 2.7 4.1#



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: 0.108 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

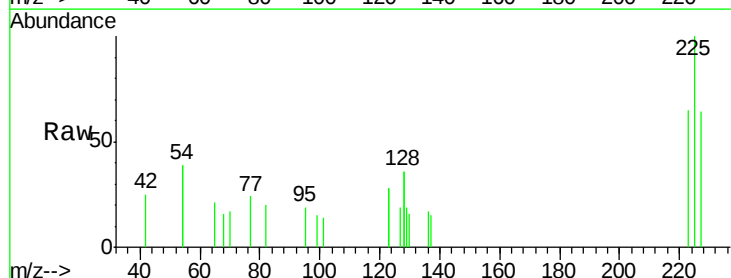
Tgt Ion:225 Resp: 482

Ion Ratio Lower Upper

225 100

223 64.5 49.4 74.0

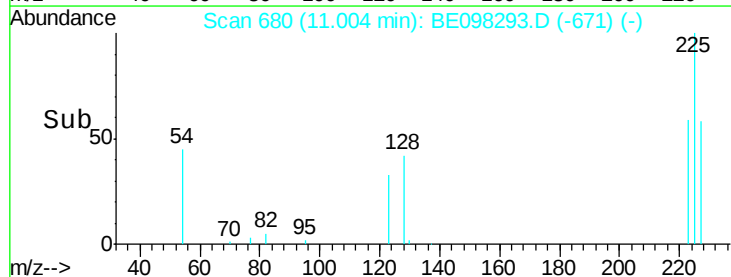
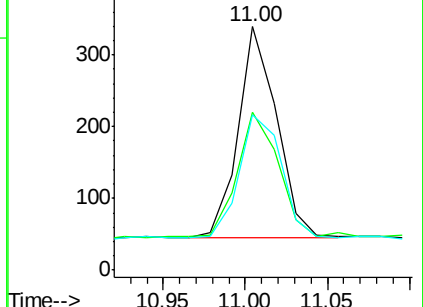
227 64.5 52.0 78.0

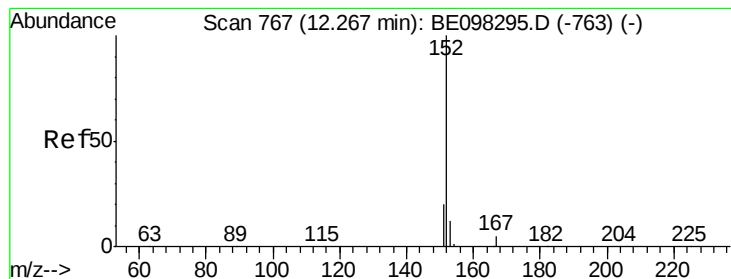


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.099 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

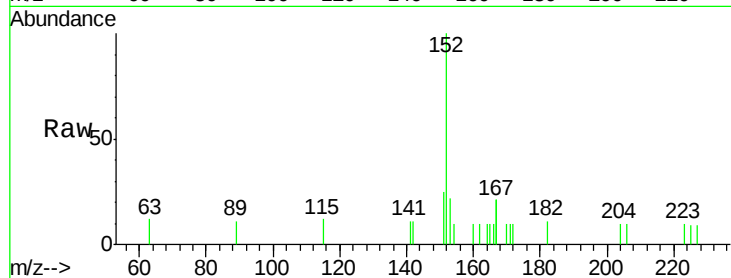
SSTDIC0.1

Tgt Ion:152 Resp: 1116

Ion Ratio Lower Upper

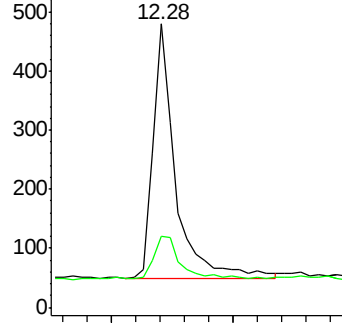
152 100

151 18.9 16.2 24.4

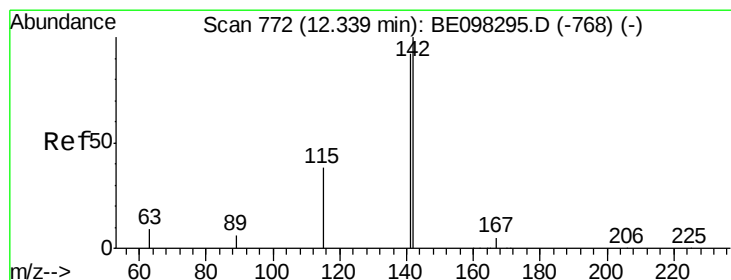
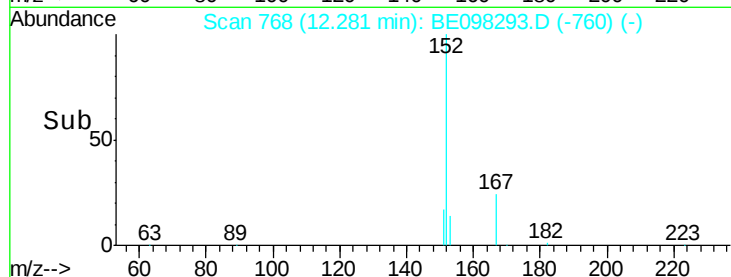


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

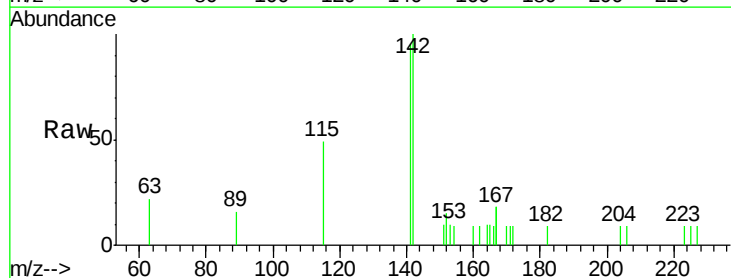
Tgt Ion:142 Resp: 1089

Ion Ratio Lower Upper

142 100

141 94.9 71.0 106.6

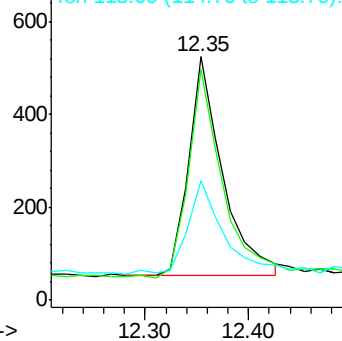
115 49.0 32.2 48.2#



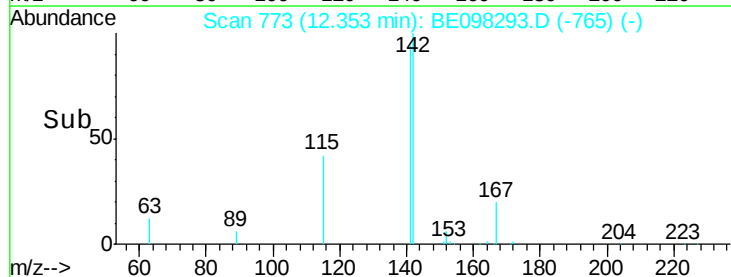
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

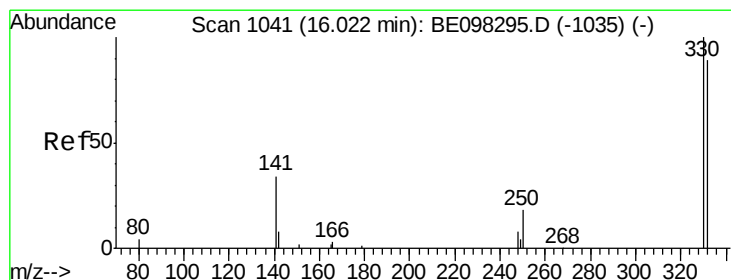
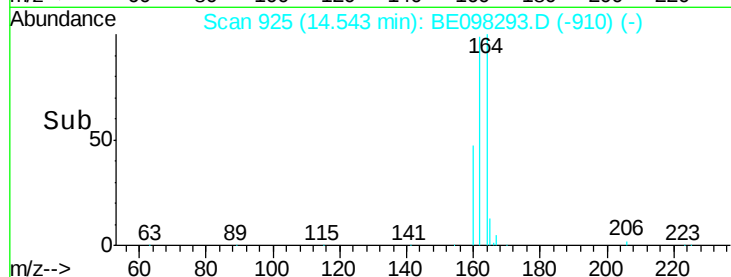
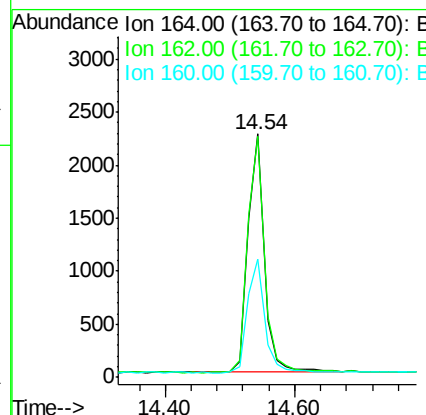
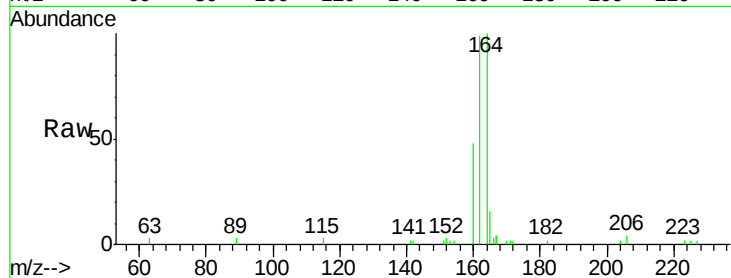




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098293.D
 Acq: 10 Dec 2018 11:12

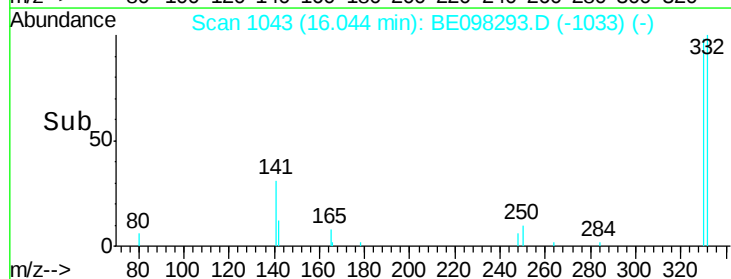
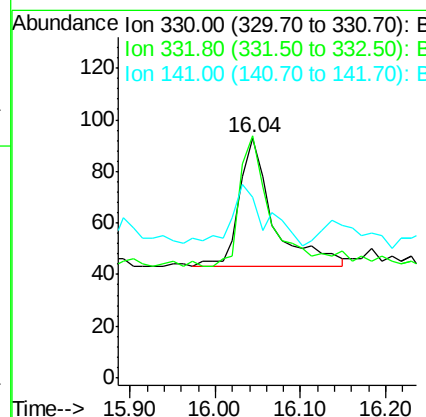
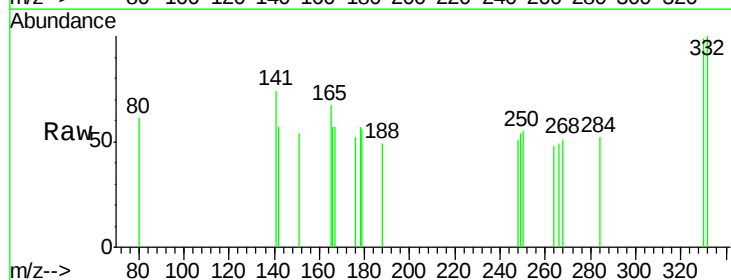
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:164 Resp: 3991
 Ion Ratio Lower Upper
 164 100
 162 98.9 77.6 116.4
 160 48.4 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.073 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098293.D
 Acq: 10 Dec 2018 11:12

Tgt Ion:330 Resp: 138
 Ion Ratio Lower Upper
 330 100
 332 103.6 76.2 114.4
 141 50.7 39.0 58.4

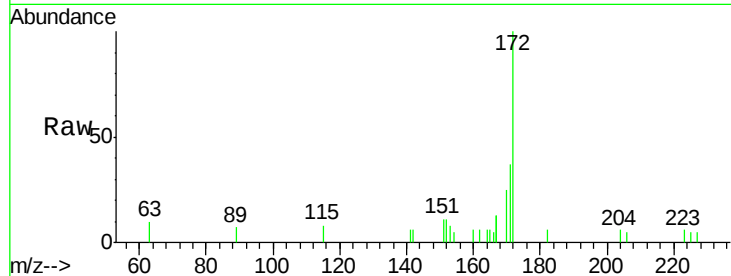




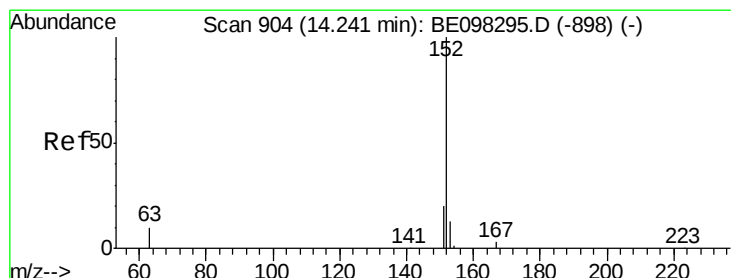
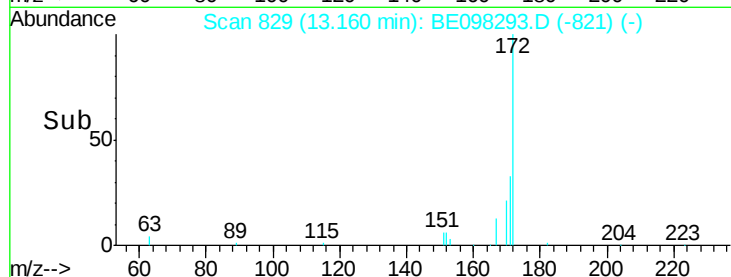
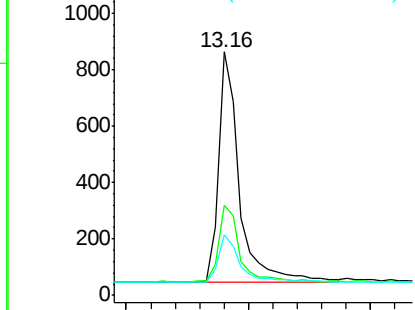
#15
2-Fluorobiphenyl
Concen: 0.119 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:172 Resp: 1973
Ion Ratio Lower Upper
172 100
171 36.9 27.5 41.3
170 25.0 19.6 29.4

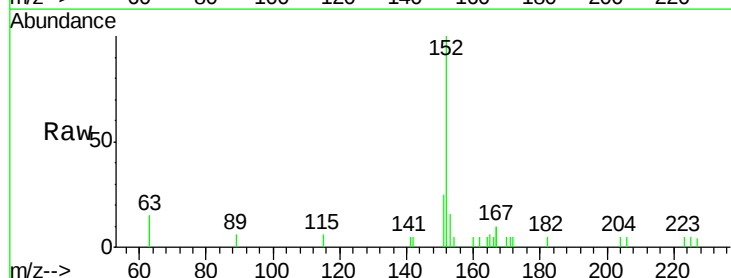


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

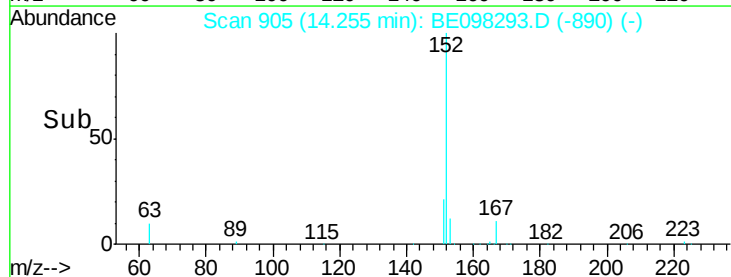
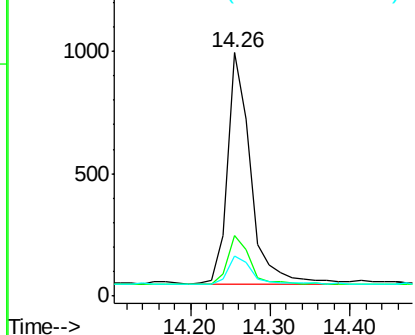


#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Tgt Ion:152 Resp: 1909
Ion Ratio Lower Upper
152 100
151 21.2 15.5 23.3
153 12.8 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: 0.100 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

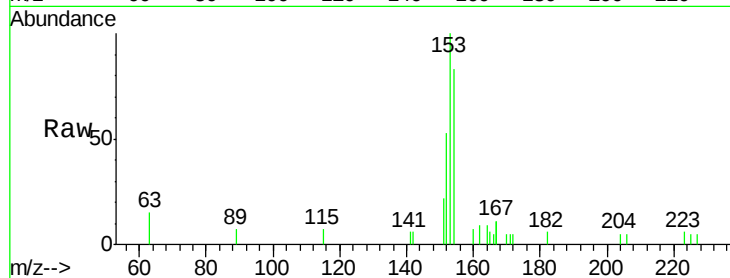
Tgt Ion:154 Resp: 1113

Ion Ratio Lower Upper

154 100

153 122.2 91.8 137.6

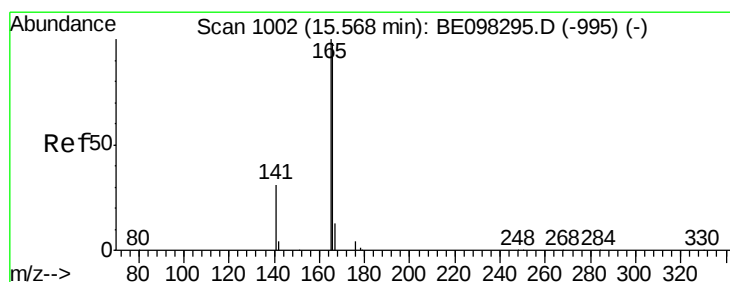
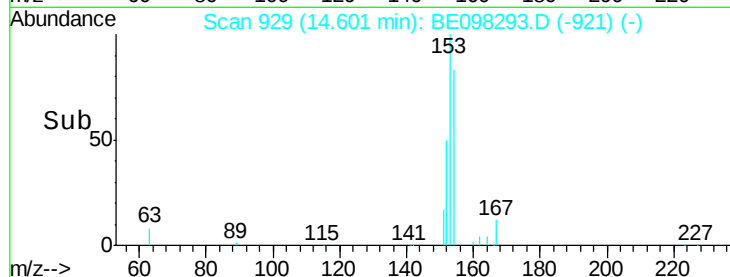
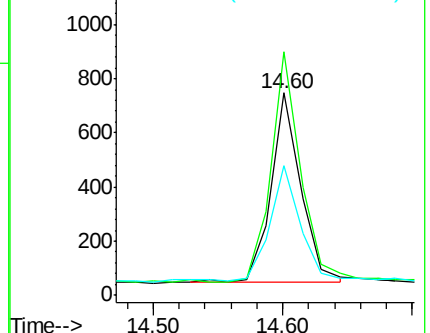
152 62.0 45.5 68.3



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: 0.098 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

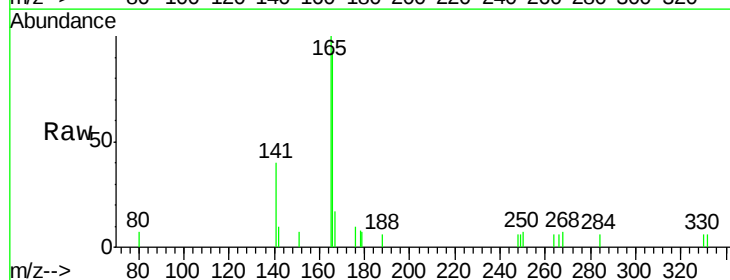
Tgt Ion:166 Resp: 1436

Ion Ratio Lower Upper

166 100

165 98.5 79.3 118.9

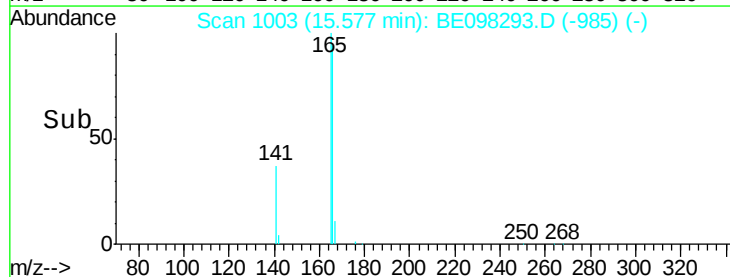
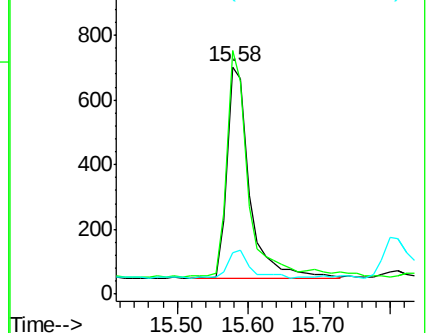
167 13.3 11.3 16.9



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: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

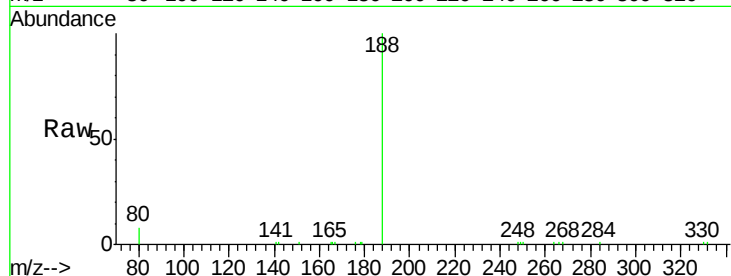
Tgt Ion:188 Resp: 9867

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

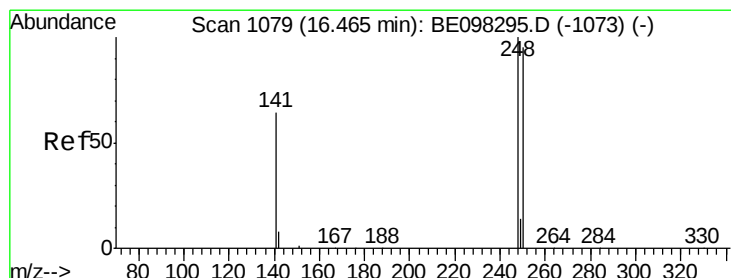
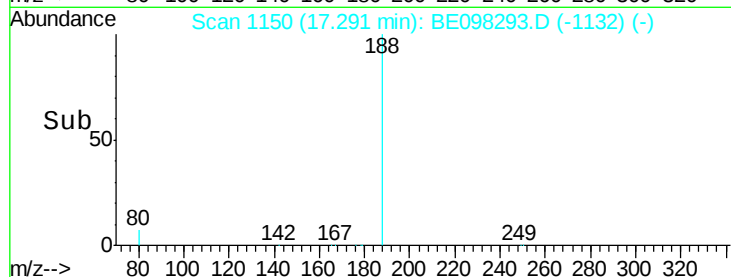
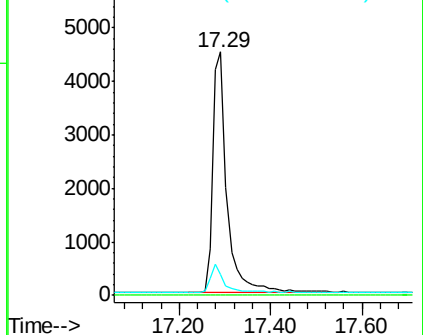
80 8.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.092 ng

RT: 16.47 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

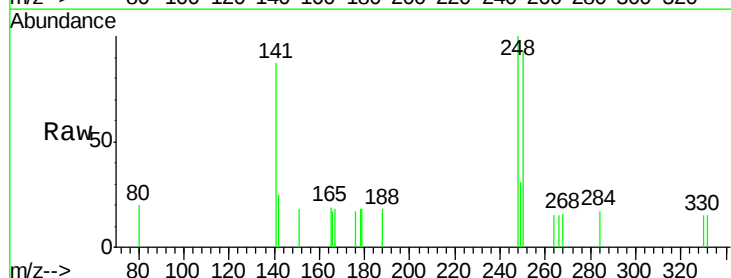
Tgt Ion:248 Resp: 515

Ion Ratio Lower Upper

248 100

250 92.6 71.0 106.6

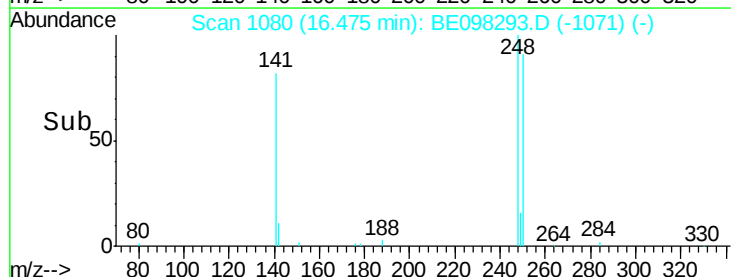
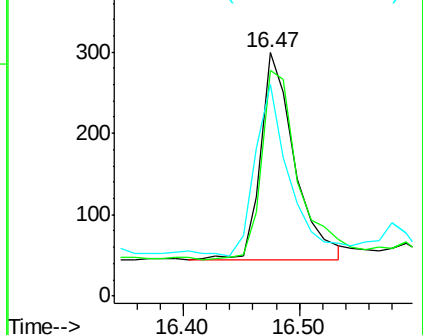
141 87.0 62.1 93.1



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

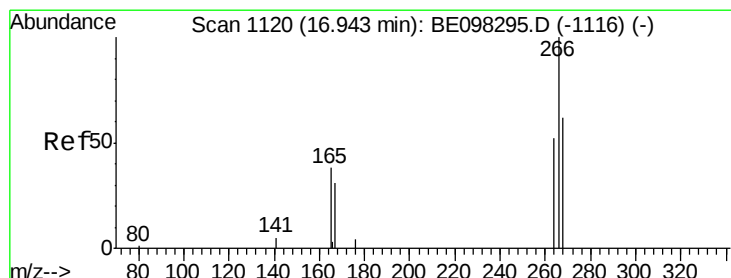
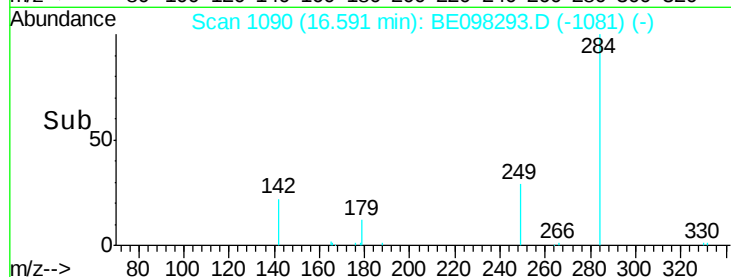
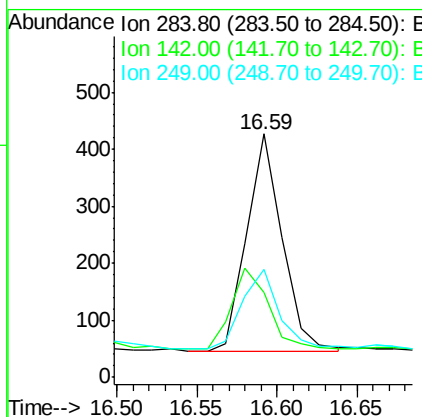
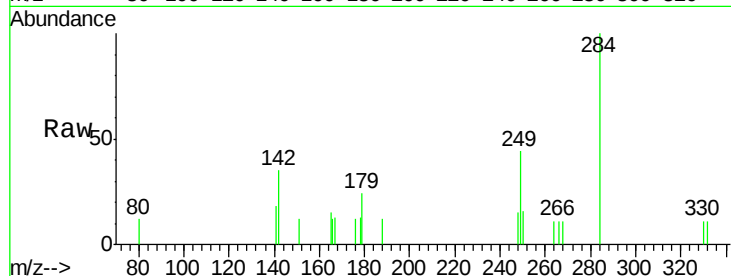




#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

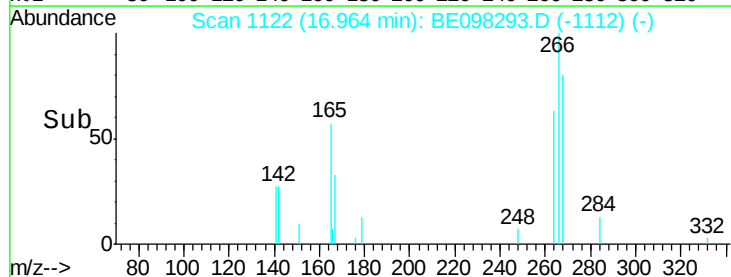
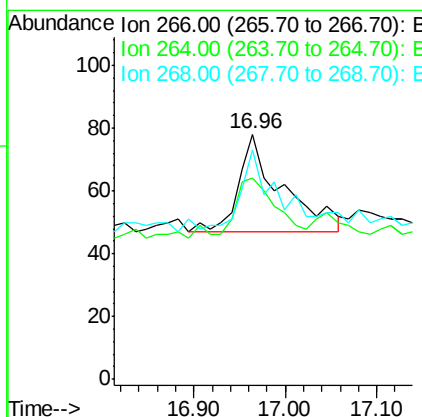
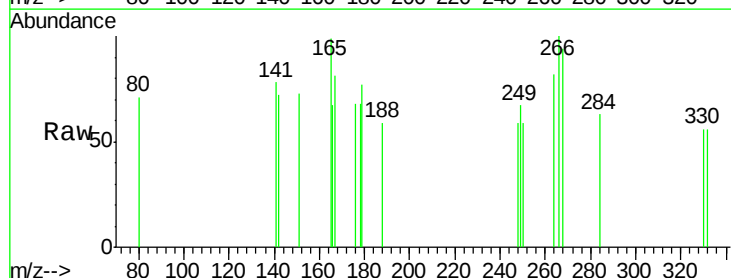
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 284 Resp: 587
Ion Ratio Lower Upper
284 100
142 37.8 26.3 39.5
249 37.8 26.0 39.0



#22
Pentachlorophenol
Concen: 0.054 ng
RT: 16.96 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Tgt Ion: 266 Resp: 102
Ion Ratio Lower Upper
266 100
264 82.1 59.0 88.4
268 93.6 55.1 82.7#





#23

Phenanthrene

Concen: 0.101 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

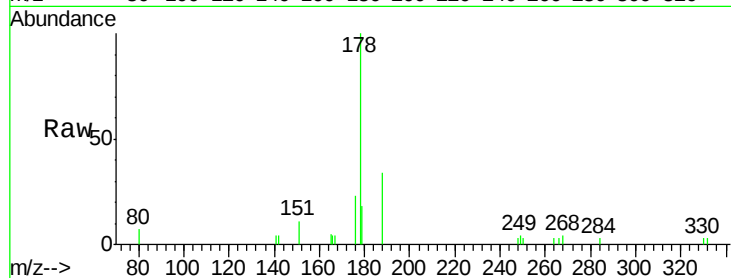
Tgt Ion:178 Resp: 2463

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

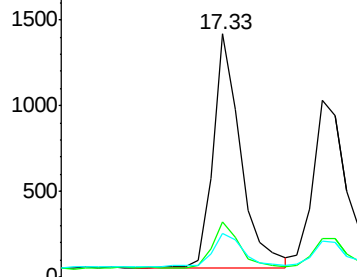
179 16.1 12.3 18.5



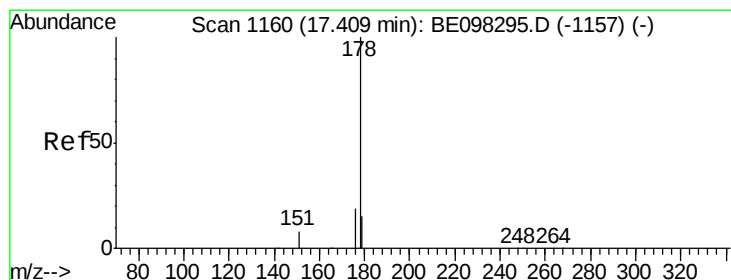
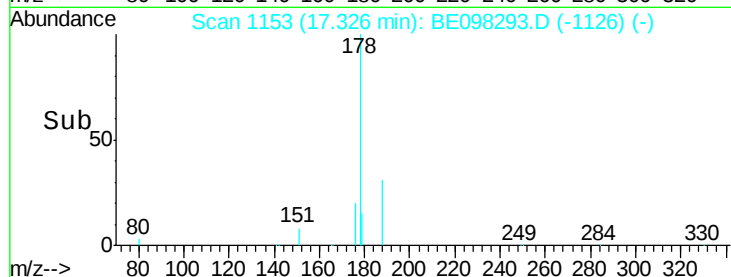
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.088 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

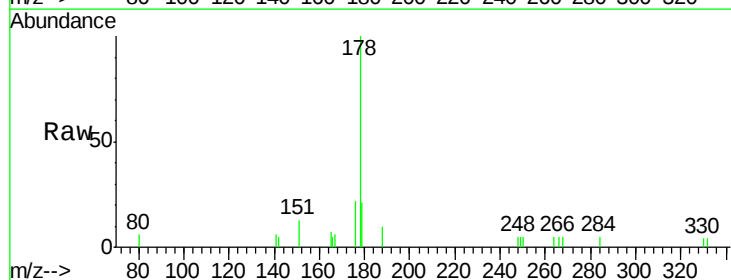
Tgt Ion:178 Resp: 2009

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

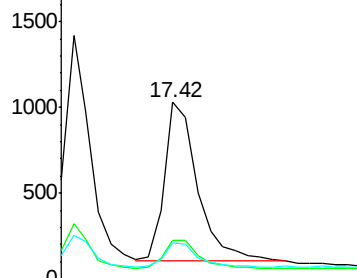
179 16.1 12.3 18.5



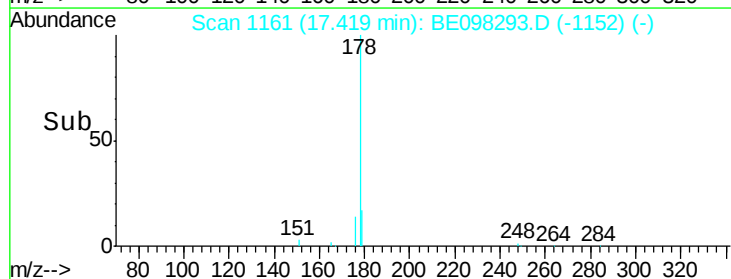
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

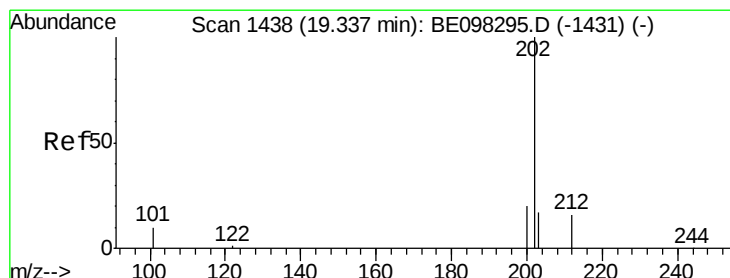
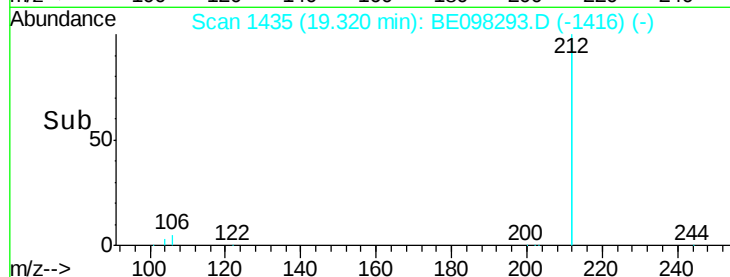
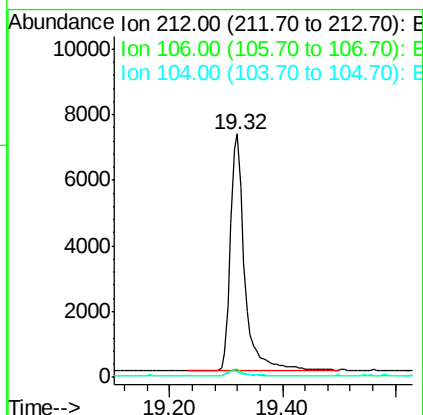
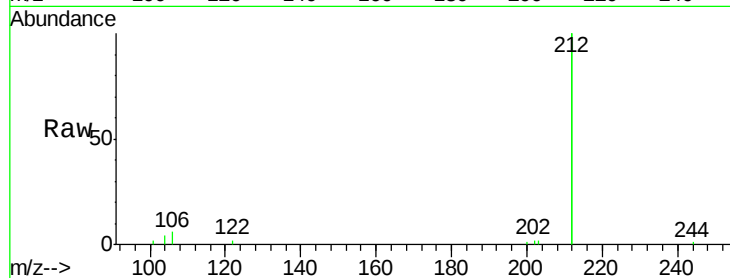




#25
Fluoranthene-d10
Concen: 0.097 ng
RT: 19.32 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

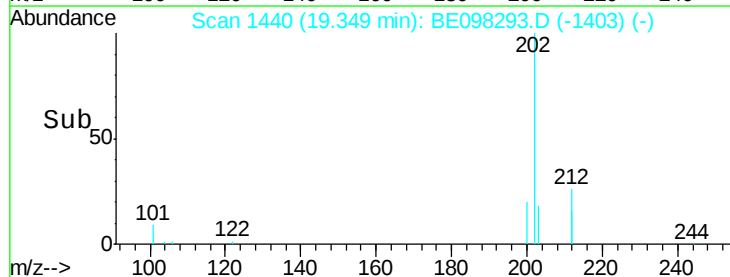
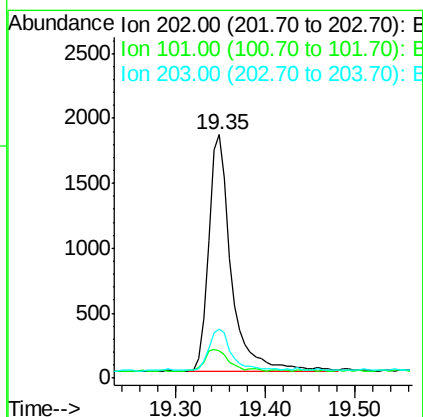
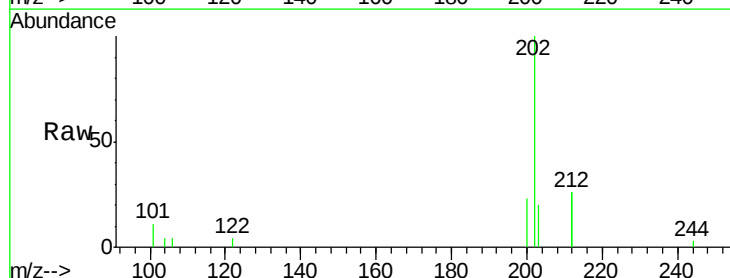
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 212 Resp: 12947
Ion Ratio Lower Upper
212 100
106 2.9 2.2 3.2
104 1.6 1.3 1.9



#26
Fluoranthene
Concen: 0.096 ng
RT: 19.35 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE098293.D
Acq: 10 Dec 2018 11:12

Tgt Ion: 202 Resp: 3199
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
203 17.7 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

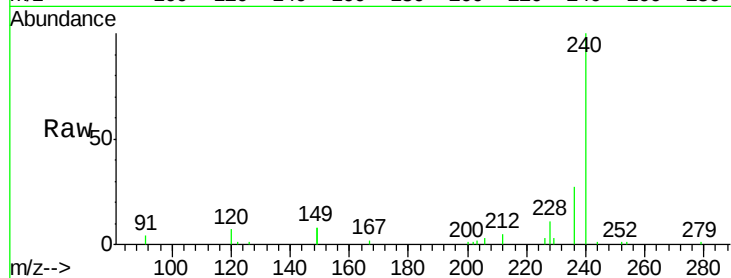
Tgt Ion:240 Resp: 11770

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

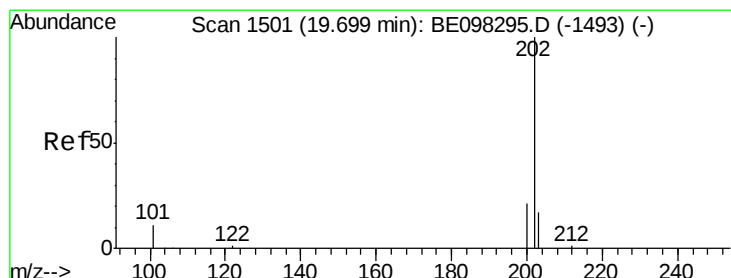
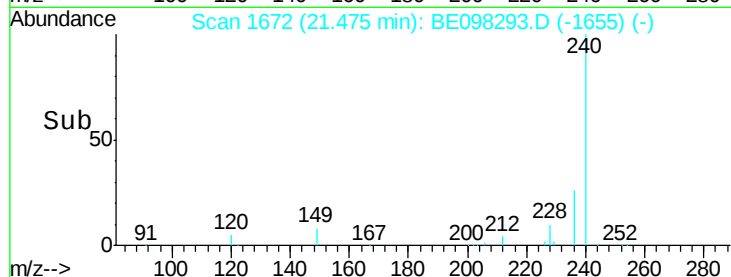
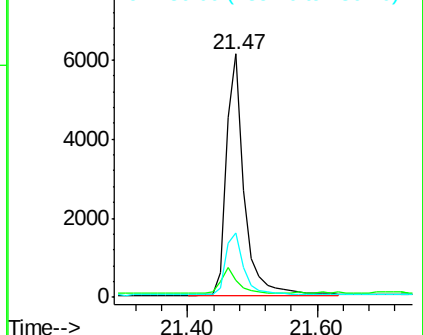
236 26.6 22.7 34.1



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: 0.104 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

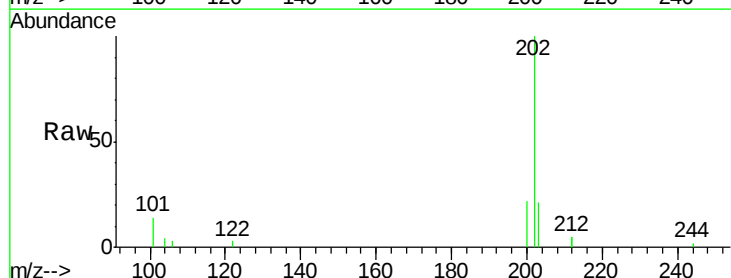
Tgt Ion:202 Resp: 3404

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

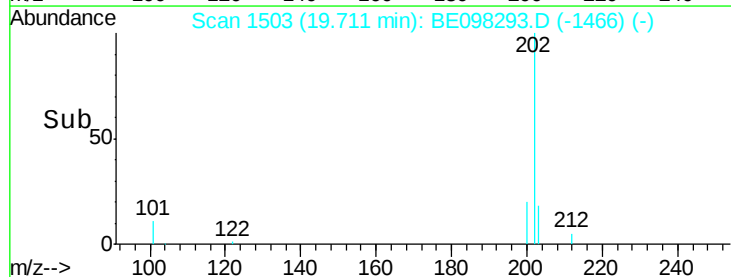
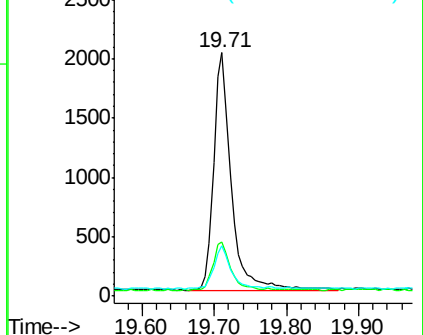
203 17.3 14.1 21.1

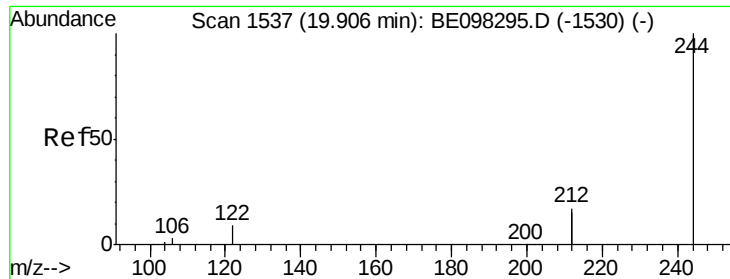


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.105 ng

RT: 19.92 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

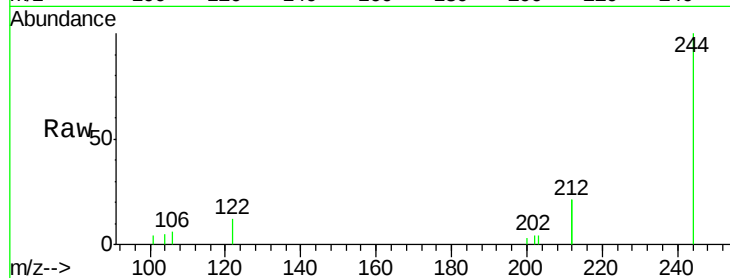
Tgt Ion:244 Resp: 2775

Ion Ratio Lower Upper

244 100

212 42.6 27.4 41.0#

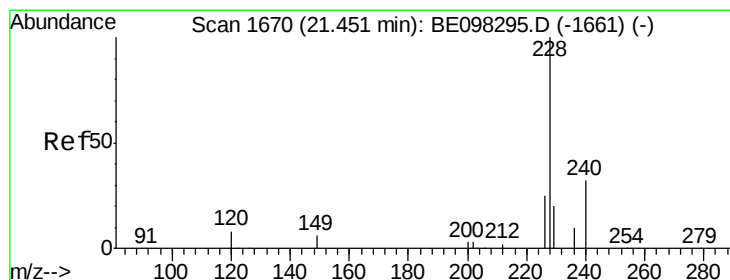
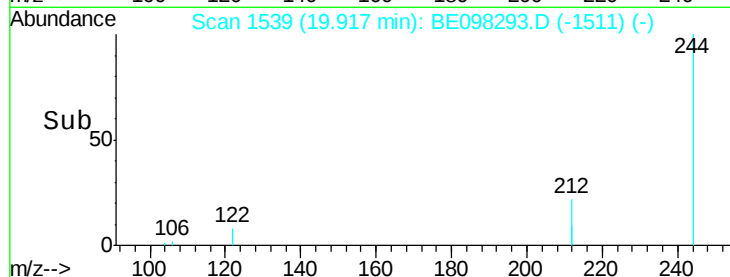
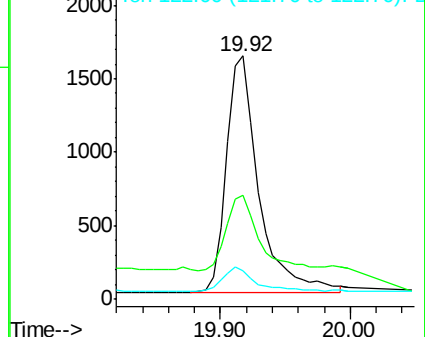
122 11.5 8.3 12.5



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: 0.099 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

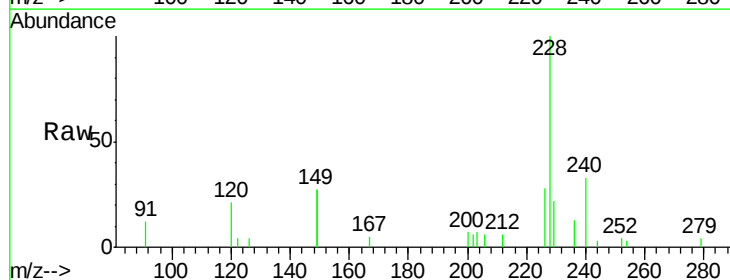
Tgt Ion:228 Resp: 3435

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

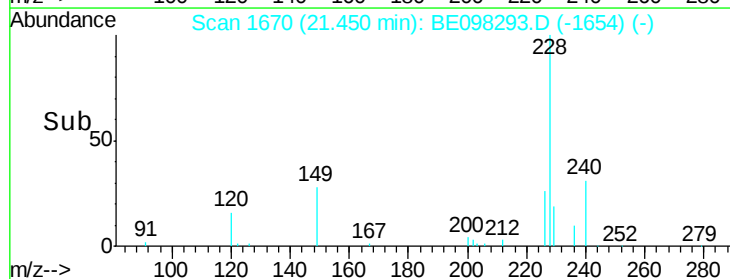
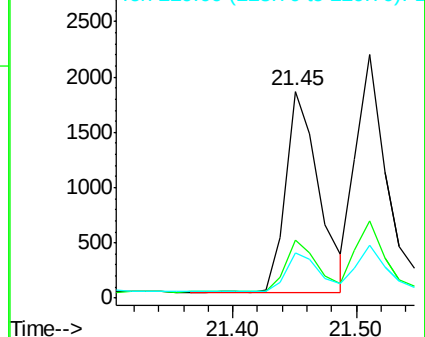
229 21.8 16.3 24.5

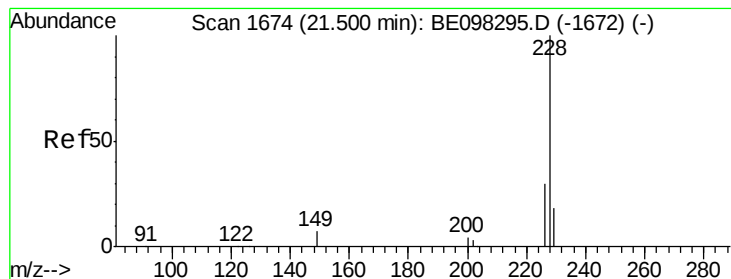


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.103 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

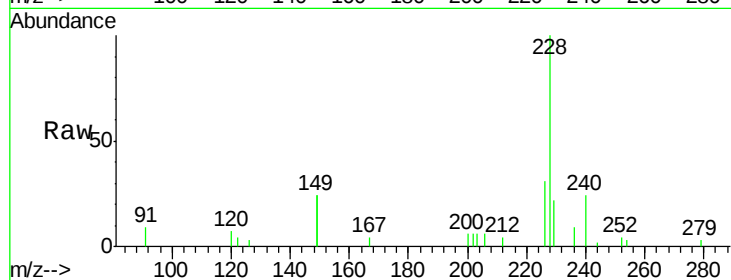
Tgt Ion:228 Resp: 3630

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

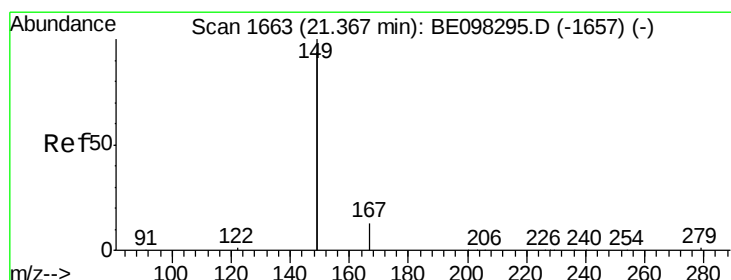
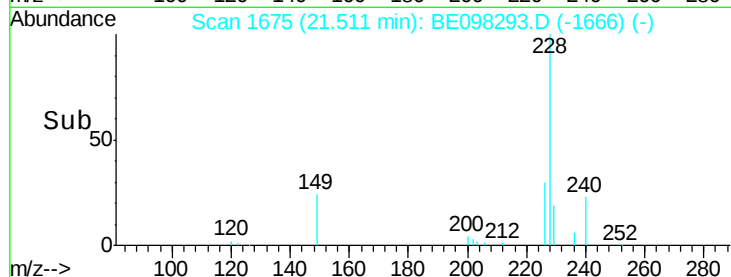
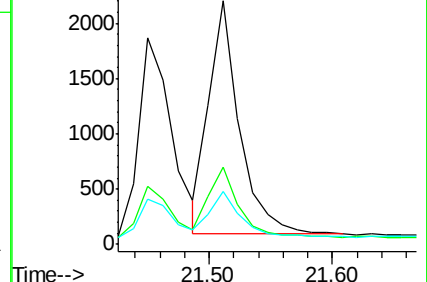
229 21.5 16.2 24.4



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: 0.086 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

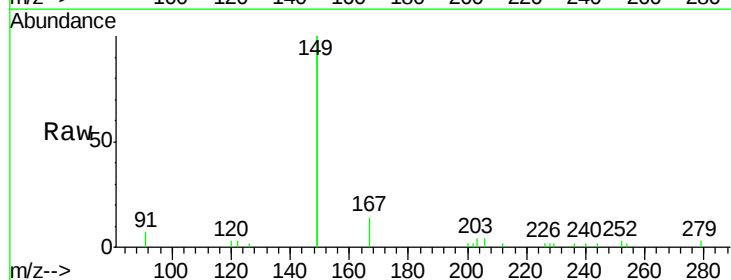
Tgt Ion:149 Resp: 7125

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

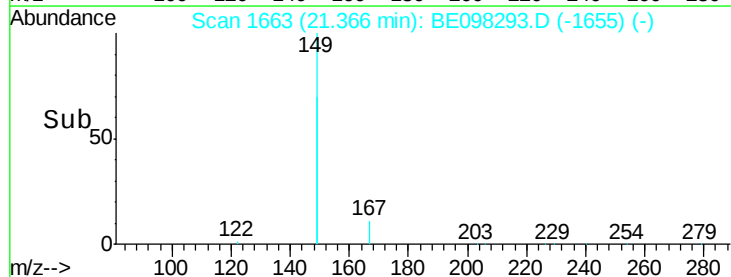
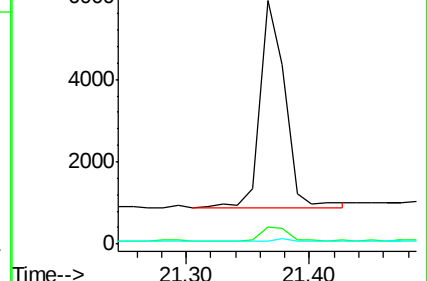
279 1.3 1.0 1.4



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: 0.104 ng

RT: 26.72 min Scan# 3027

Delta R.T. 0.02 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

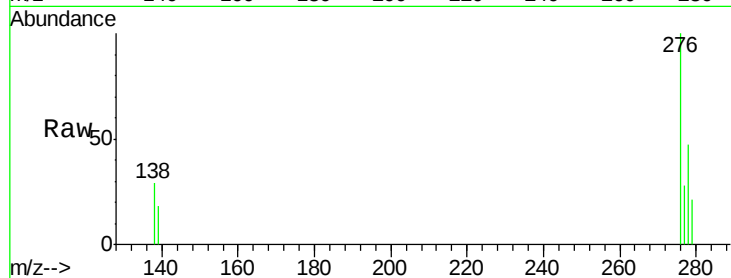
Tgt Ion:276 Resp: 3689

Ion Ratio Lower Upper

276 100

138 22.4 16.3 24.5

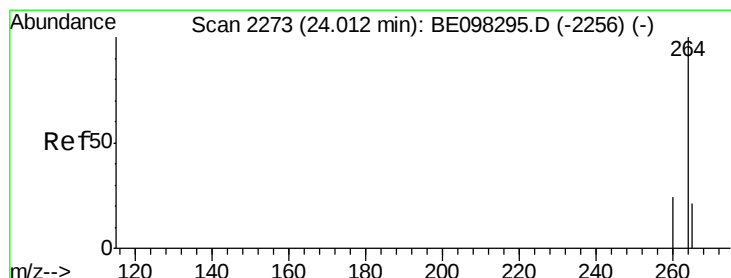
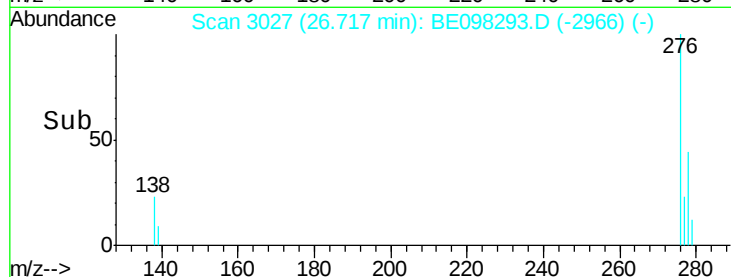
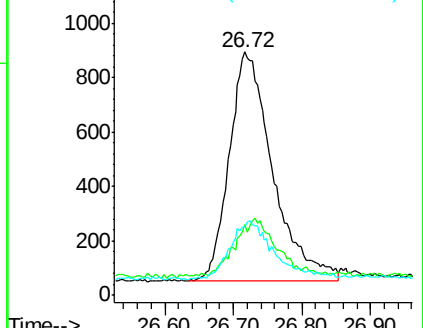
277 25.8 20.2 30.4



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: 24.02 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

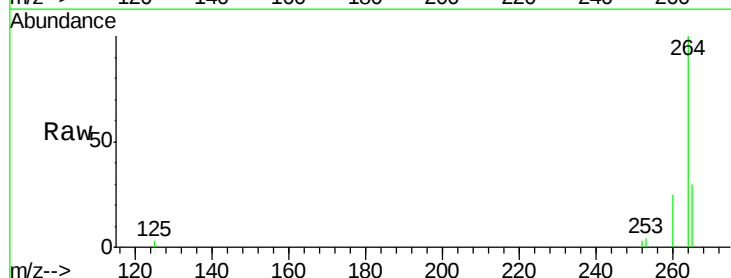
Tgt Ion:264 Resp: 11579

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

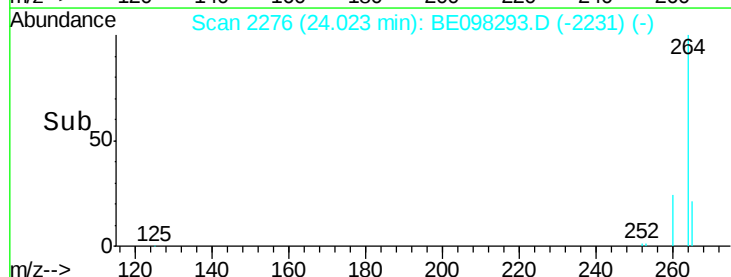
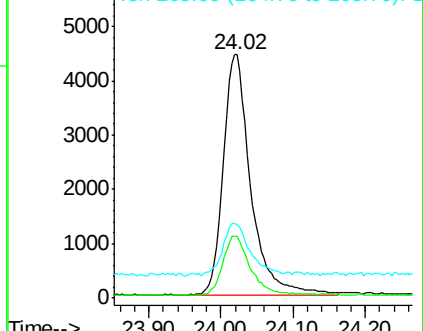
265 30.3 25.2 37.8



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: 0.093 ng

RT: 23.24 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

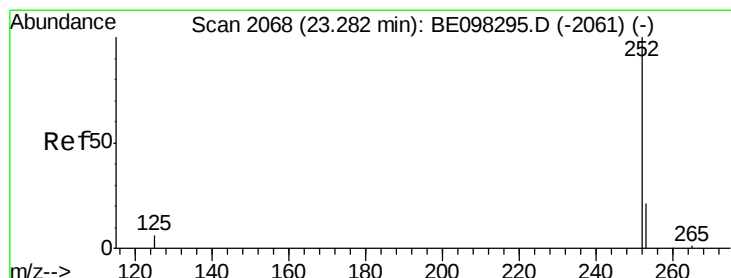
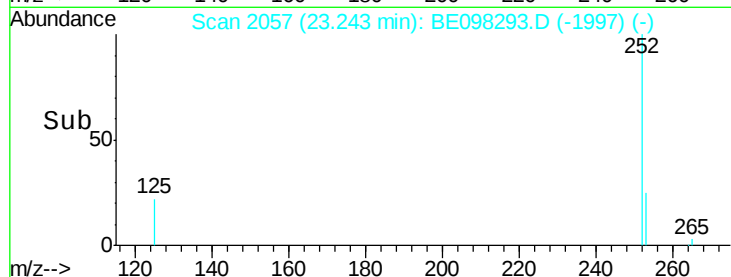
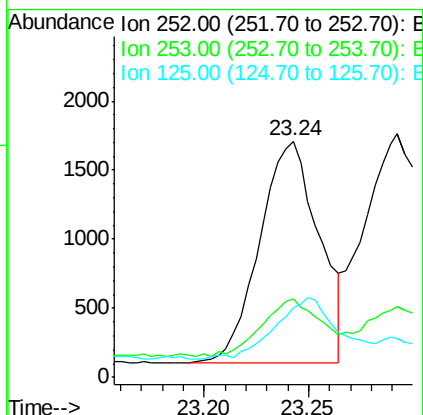
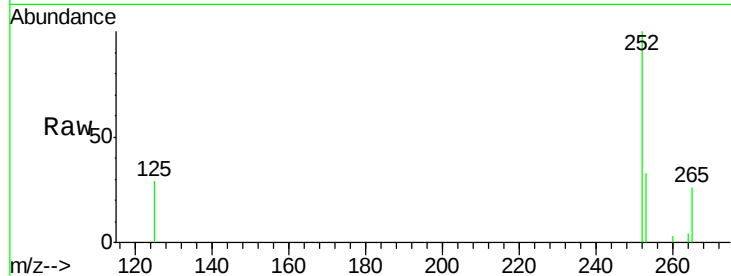
Tgt Ion:252 Resp: 3171

Ion Ratio Lower Upper

252 100

253 33.0 20.0 30.0#

125 29.5 9.6 14.4#



#36

Benzo(k)fluoranthene

Concen: 0.105 ng

RT: 23.29 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

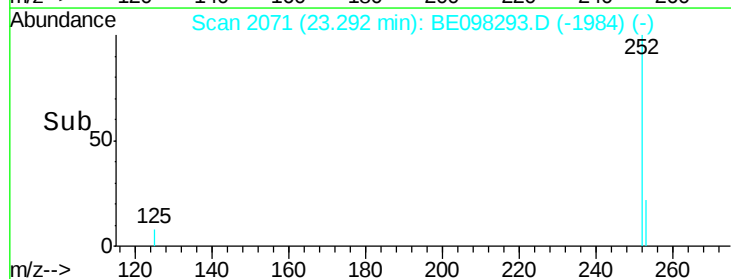
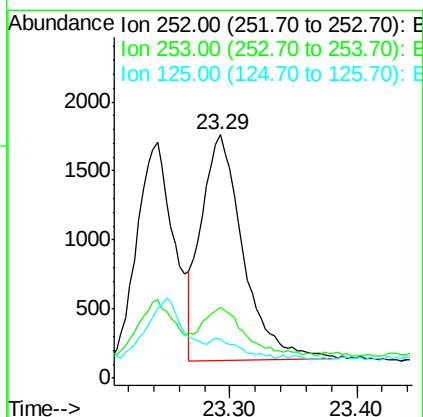
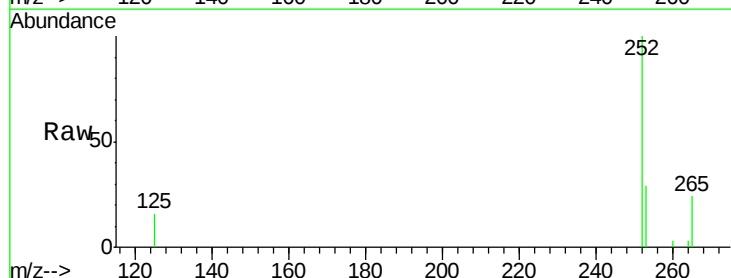
Tgt Ion:252 Resp: 3736

Ion Ratio Lower Upper

252 100

253 29.3 19.0 28.6#

125 15.7 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.104 ng

RT: 23.91 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

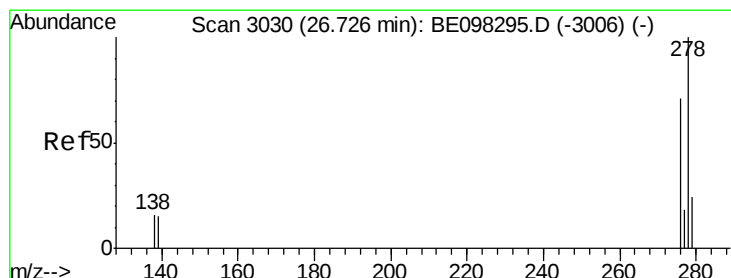
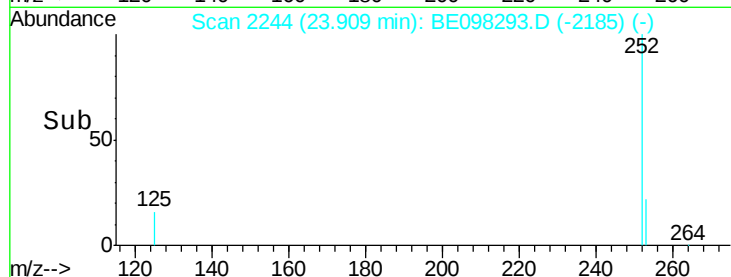
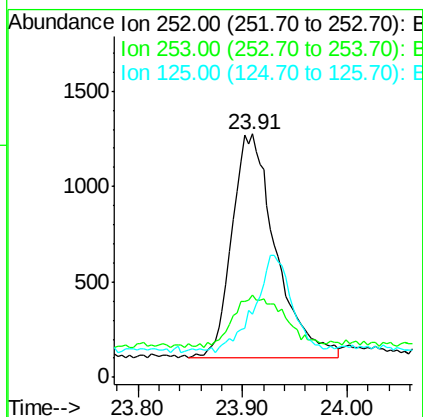
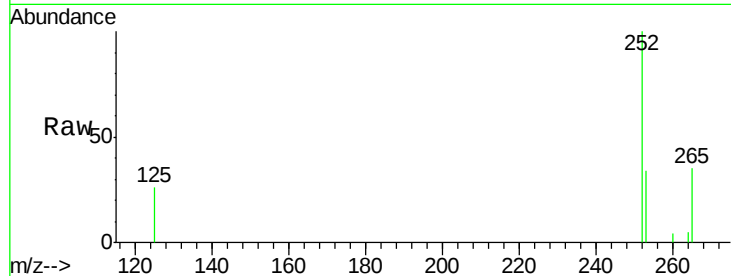
Tgt Ion:252 Resp: 3389

Ion Ratio Lower Upper

252 100

253 33.6 20.6 30.8#

125 25.9 10.5 15.7#



#38

Dibenzo(a,h)anthracene

Concen: 0.098 ng

RT: 26.75 min Scan# 3035

Delta R.T. 0.02 min

Lab File: BE098293.D

Acq: 10 Dec 2018 11:12

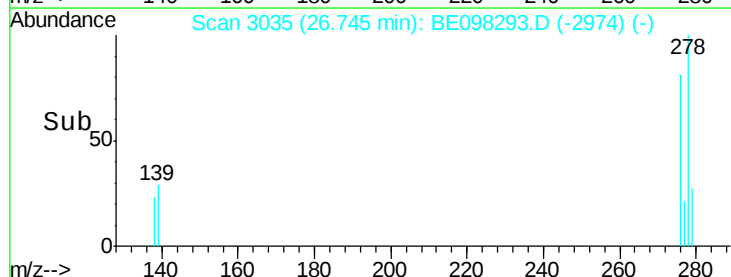
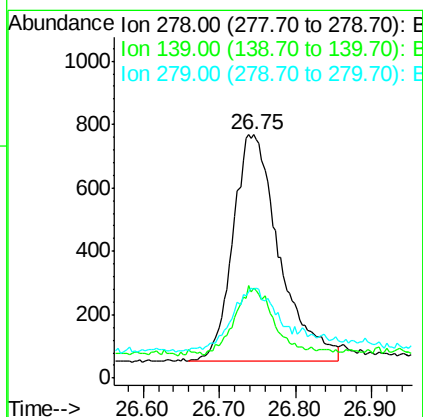
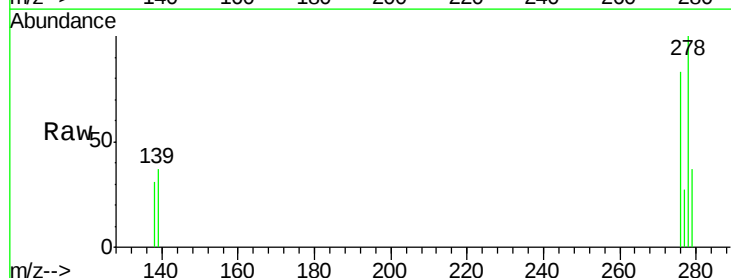
Tgt Ion:278 Resp: 3052

Ion Ratio Lower Upper

278 100

139 37.1 14.5 21.7#

279 36.6 21.8 32.8#





#39

Benzo(g,h,i)perylene

Concen: 0.101 ng

RT: 27.54 min Scan# 3259

Delta R.T. 0.02 min

Lab File: BE098293.D

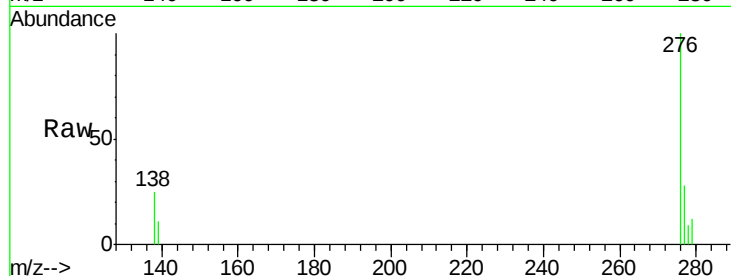
Acq: 10 Dec 2018 11:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1



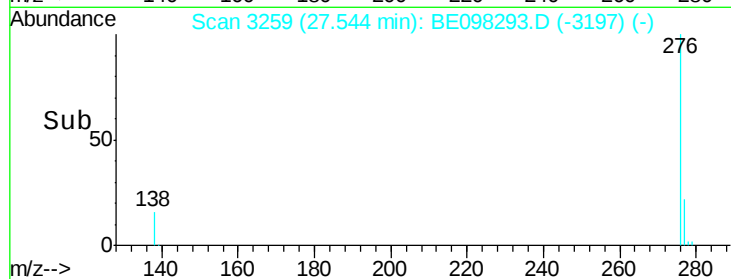
Tgt Ion: 276 Resp: 3128

Ion Ratio Lower Upper

276 100

277 28.4 20.8 31.2

138 24.7 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

1000

800

600

400

200

0

27.40 27.50 27.60 27.70

Time-->