

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099659.D
 Acq On : 20 May 2019 11:15
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 20 17:49:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 16:14:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1598	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	5577	0.40	ng	0.03
13) Acenaphthene-d10	14.50	164	3808	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	12222	0.40	ng	0.01
27) Chrysene-d12	21.43	240	18325	0.40	ng	0.01
34) Perylene-d12	23.97	264	20644	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	380	0.08	ng	0.02
5) Phenol-d6	7.00	99	486	0.08	ng	0.02
8) Nitrobenzene-d5	9.00	82	363	0.07	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	914	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	156	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	1412	0.10	ng	0.03
25) Fluoranthene-d10	19.28	212	15513	0.10	ng	0.01
29) Terphenyl-d14	19.87	244	2991	0.09	ng	0.00

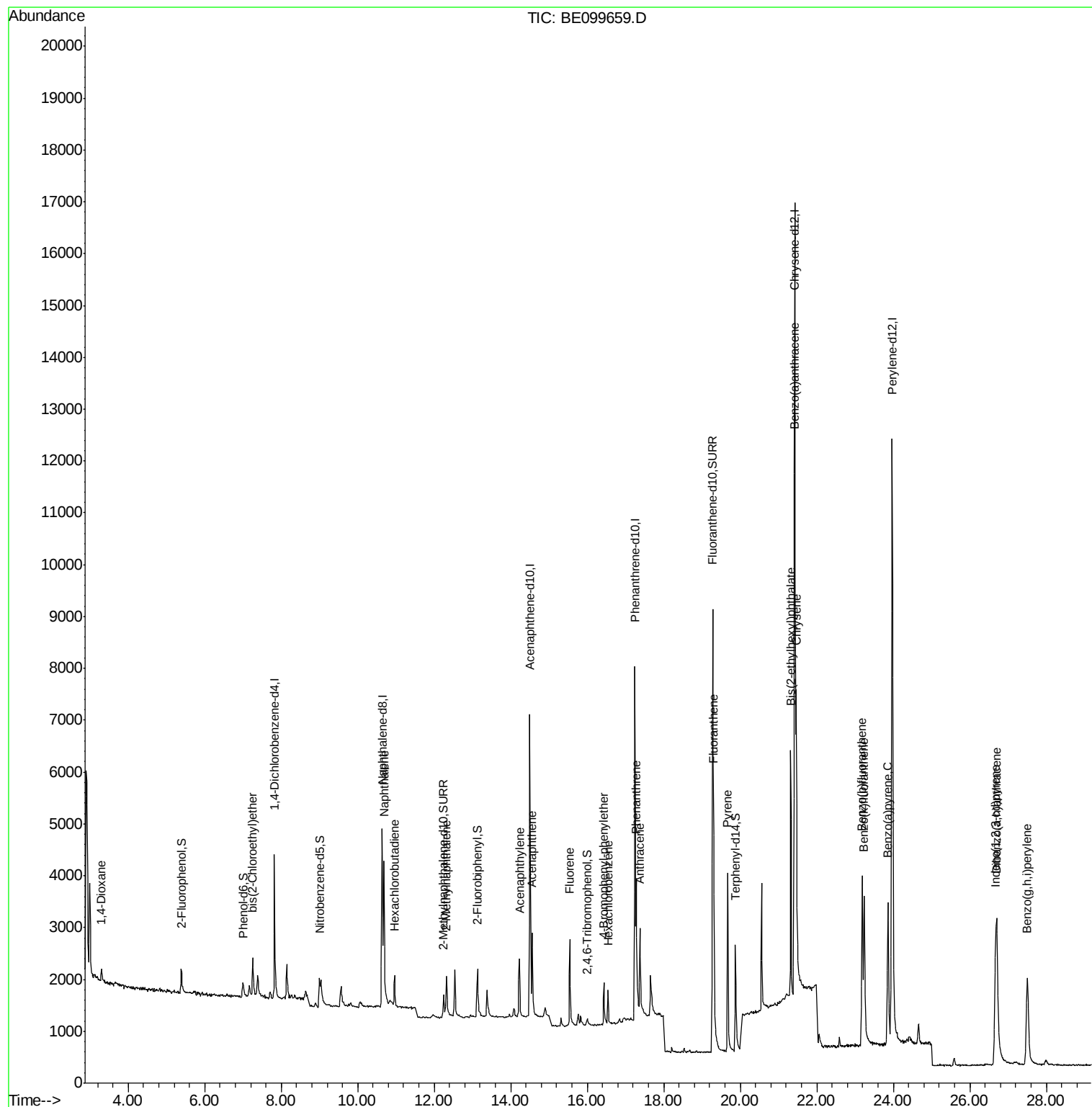
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	291	0.123	ng	92
6) bis(2-Chloroethyl)ether	7.25	93	468	0.097	ng	81
9) Naphthalene	10.69	128	5773	0.097	ng	# 97
10) Hexachlorobutadiene	10.97	225	432	0.100	ng	97
12) 2-Methylnaphthalene	12.31	142	847	0.086	ng	# 92
16) Acenaphthylene	14.23	152	1603	0.089	ng	98
17) Acenaphthene	14.56	154	891	0.088	ng	95
18) Fluorene	15.54	166	1327	0.091	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	594	0.084	ng	# 94
21) Hexachlorobenzene	16.55	284	650	0.094	ng	99
23) Phenanthrene	17.28	178	2747	0.091	ng	97
24) Anthracene	17.38	178	2217	0.079	ng	97
26) Fluoranthene	19.30	202	4292	0.094	ng	100
28) Pyrene	19.67	202	4306	0.092	ng	99
30) Benzo(a)anthracene	21.41	228	4725	0.085	ng	98
31) Chrysene	21.46	228	5274	0.092	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	6329	0.074	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	6093	0.086	ng	97
35) Benzo(b)fluoranthene	23.19	252	5135	0.089	ng	# 83
36) Benzo(k)fluoranthene	23.24	252	5658	0.099	ng	# 90
37) Benzo(a)pyrene	23.86	252	5126	0.092	ng	# 84
38) Dibenzo(a,h)anthracene	26.70	278	5123	0.088	ng	# 87
39) Benzo(g,h,i)perylene	27.50	276	5305	0.091	ng	# 96

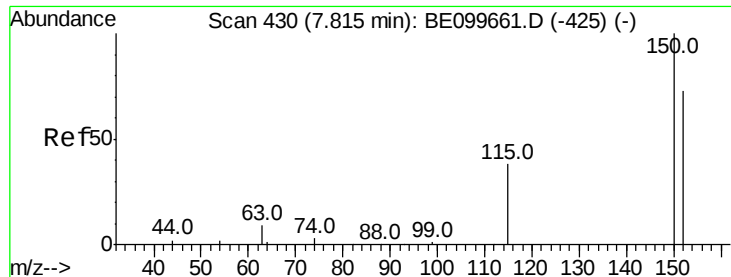
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 16:14:56 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

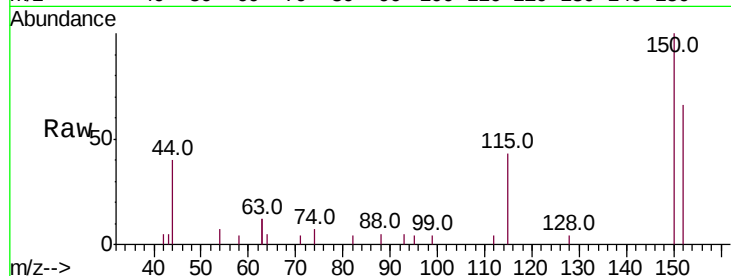
Tot Ion:152 Resp: 1598

Ion Ratio Lower Upper

152 100

150 151.0 109.2 163.8

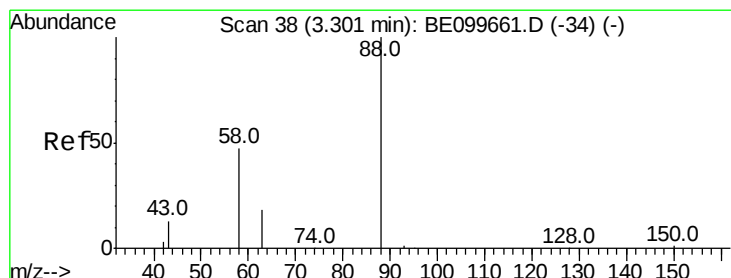
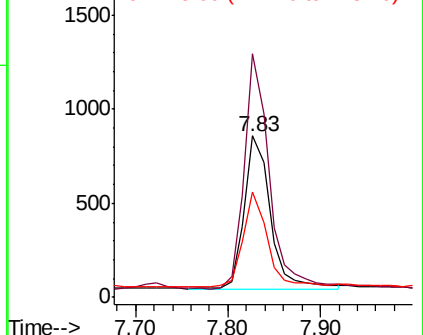
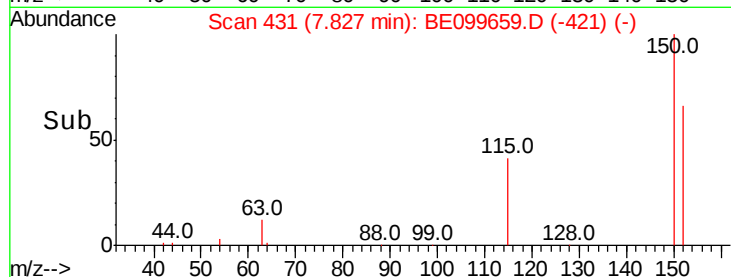
115 65.6 43.7 65.5#



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: 0.123 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

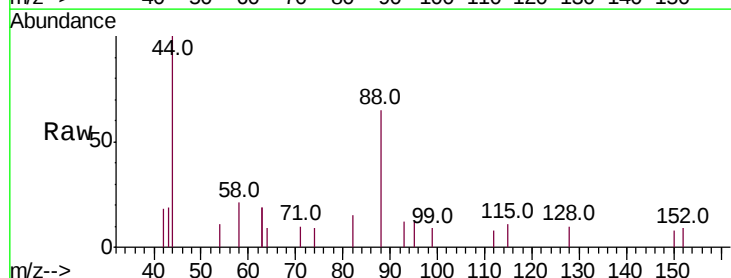
Tgt Ion: 88 Resp: 291

Ion Ratio Lower Upper

88 100

58 45.0 41.8 62.8

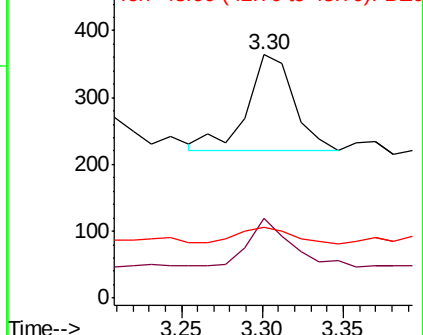
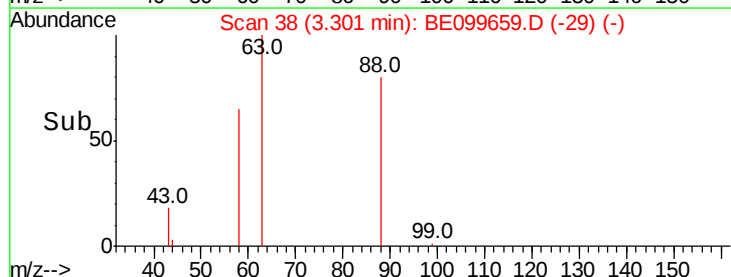
43 19.6 15.0 22.4

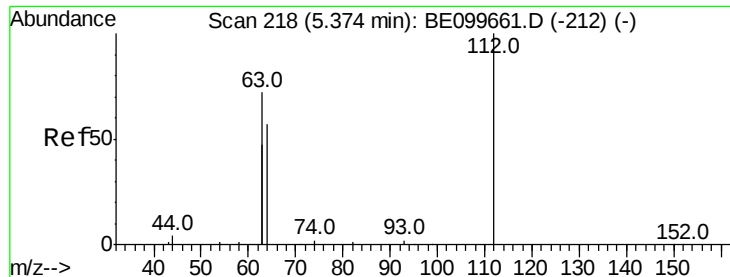


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.084 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

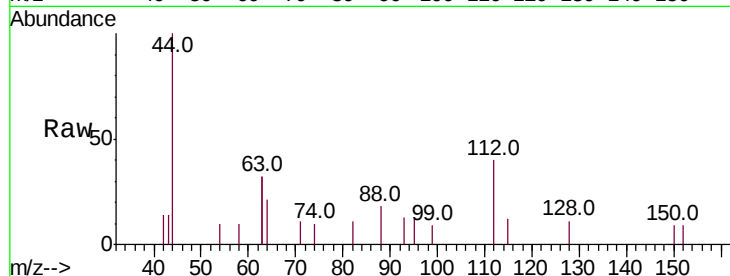
Tot Ion:112 Resp: 380

Ion Ratio Lower Upper

112 100

64 50.8 43.4 65.2

63 125.8 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

500

400

300

200

100

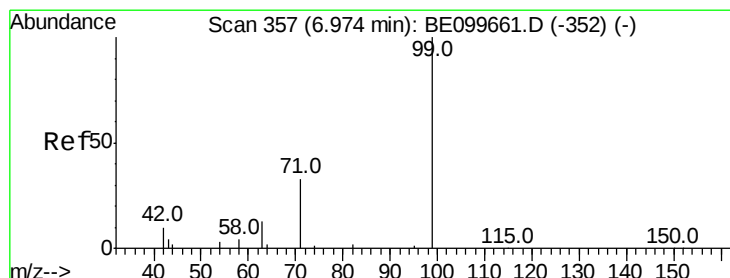
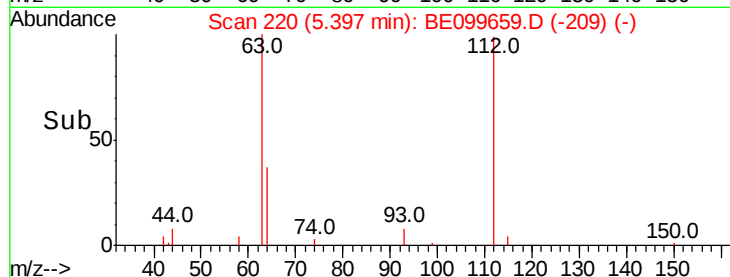
0

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.085 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

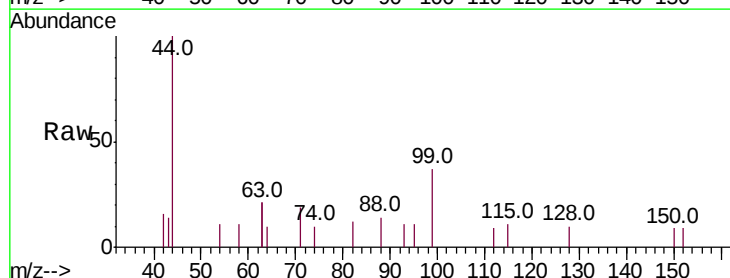
Tgt Ion: 99 Resp: 486

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 31.1 28.9 43.3



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

250

200

150

100

50

0

6.80

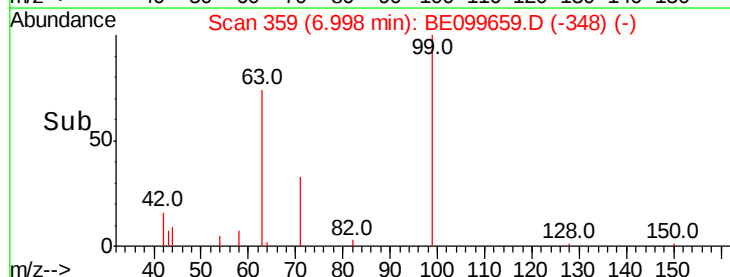
6.90

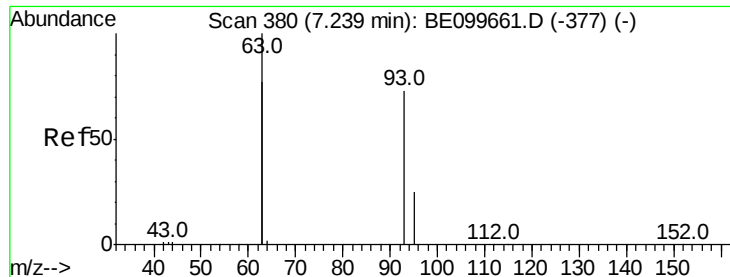
7.00

7.10

7.20

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.097 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

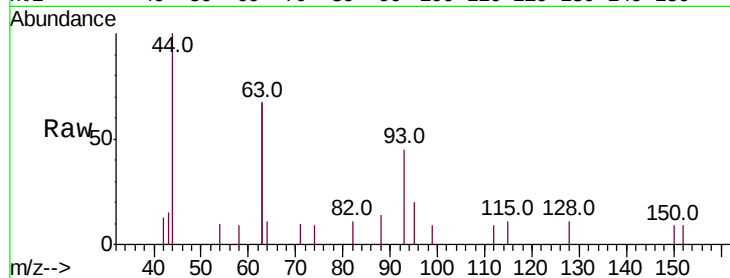
Tot Ion: 93 Resp: 468

Ion Ratio Lower Upper

93 100

63 224.1 207.8 311.6

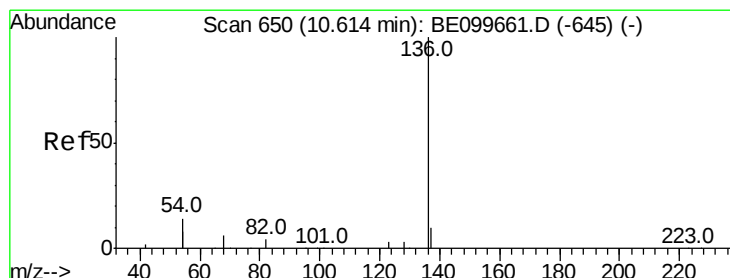
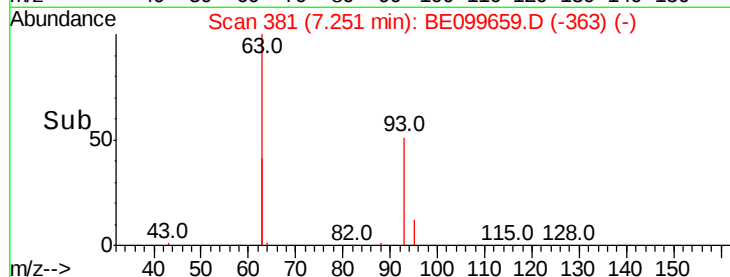
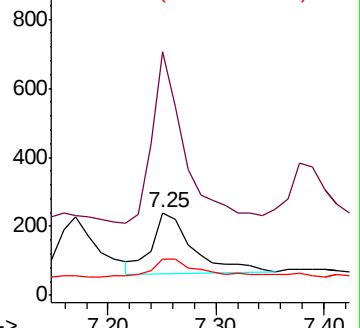
95 36.5 25.9 38.9



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: 10.64 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Tgt Ion:136 Resp: 5577

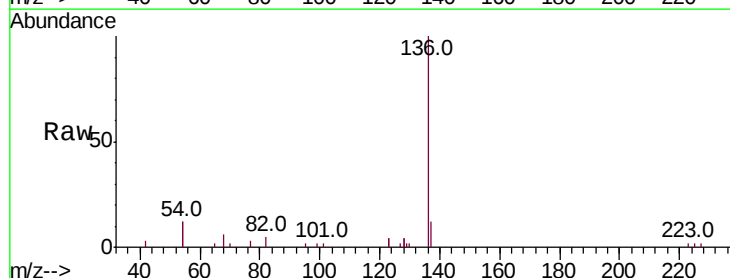
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 23.0 22.3 33.5

68 6.0 6.0 9.0#

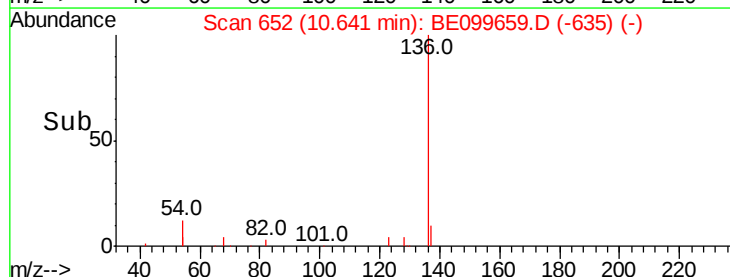
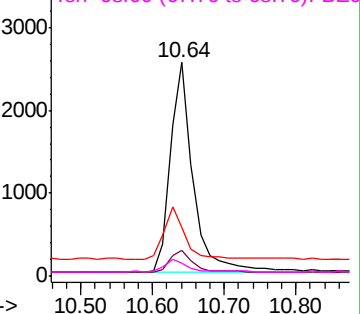


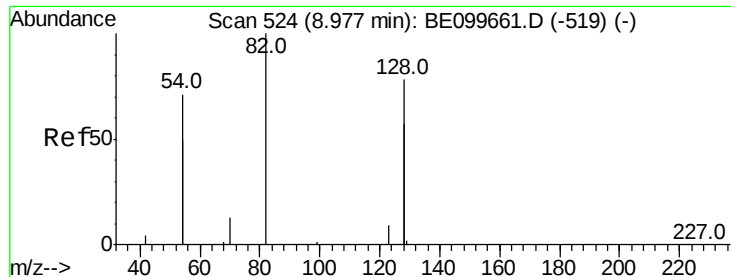
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.067 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

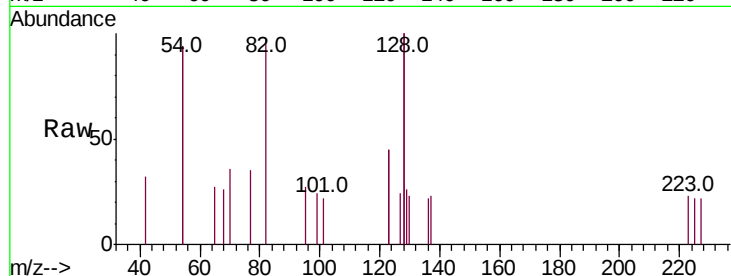
Tot Ion: 82 Resp: 363

Ion Ratio Lower Upper

82 100

128 207.1 117.7 176.5#

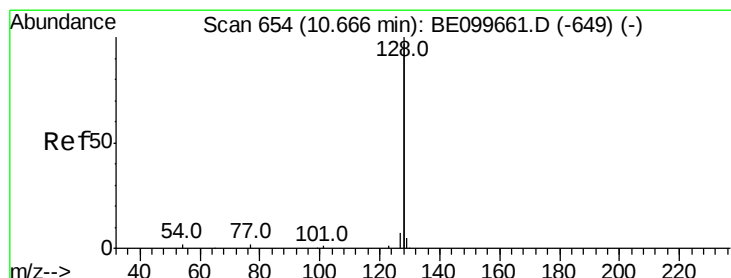
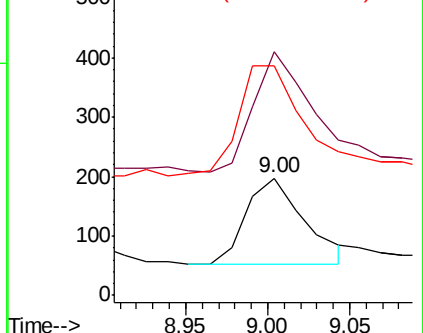
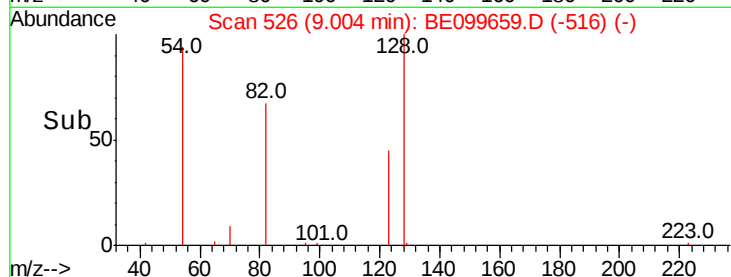
54 194.9 106.6 160.0#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.097 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.03 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

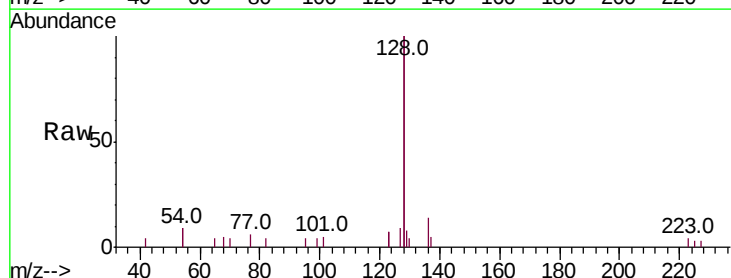
Tgt Ion: 128 Resp: 5773

Ion Ratio Lower Upper

128 100

129 4.2 2.4 3.6#

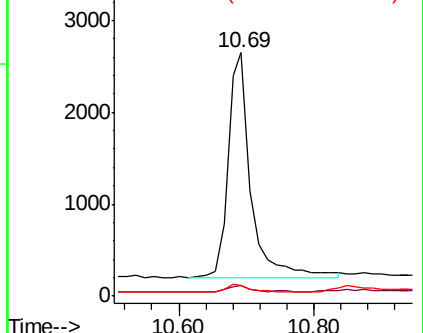
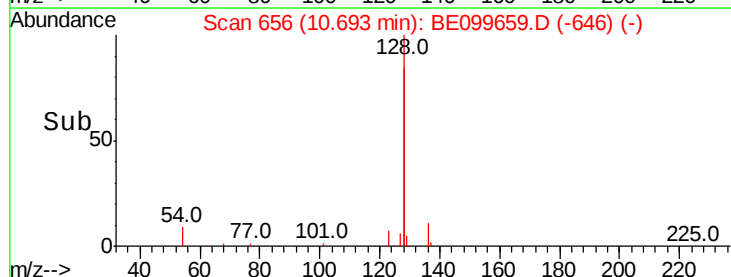
127 4.6 2.9 4.3#

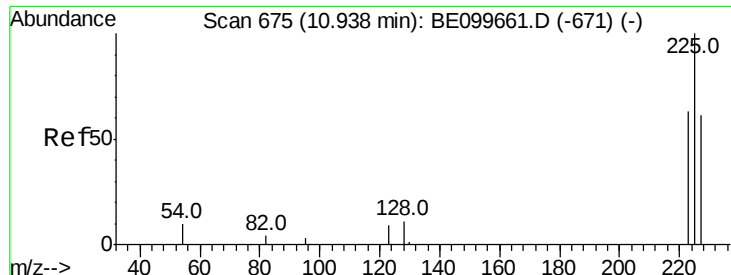


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

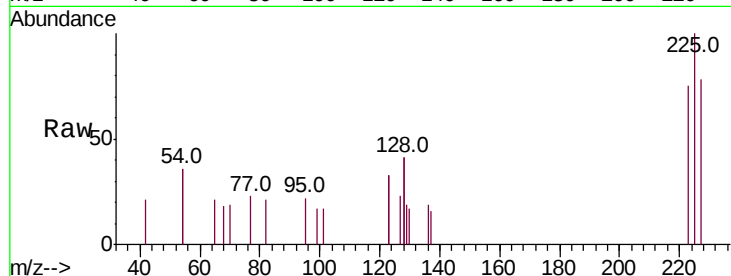




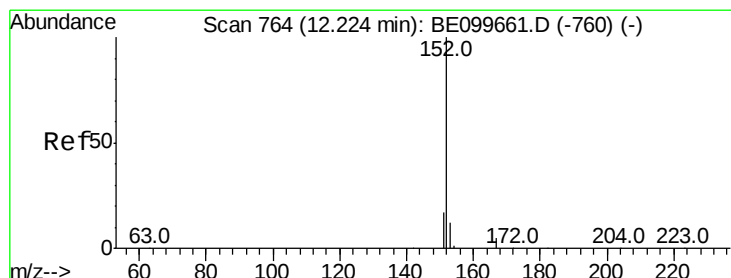
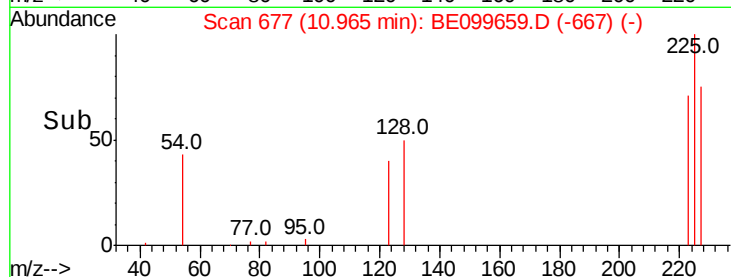
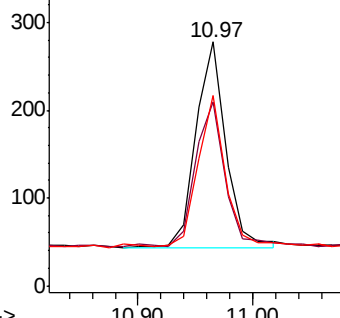
#10
Hexachlorobutadiene
Concen: 0.100 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.03 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 432
Ion Ratio Lower Upper
225 100
223 68.3 51.8 77.6
227 66.4 52.6 79.0

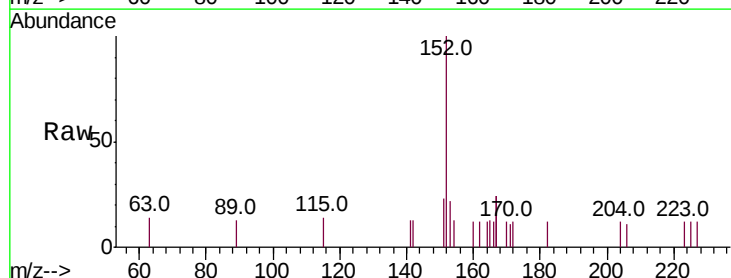


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

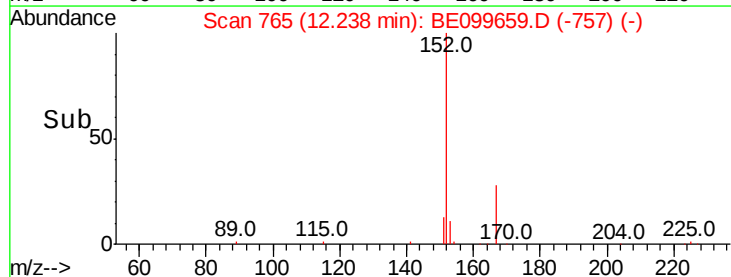
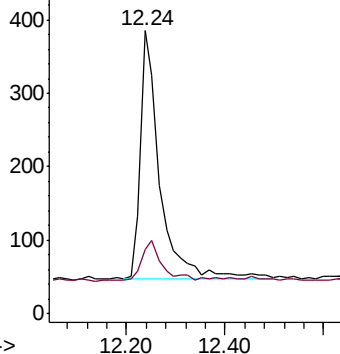


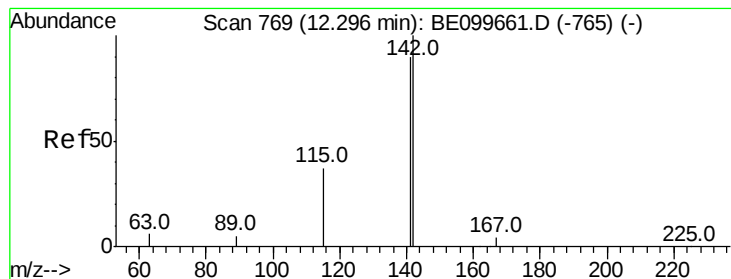
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:152 Resp: 914
Ion Ratio Lower Upper
152 100
151 17.1 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.086 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

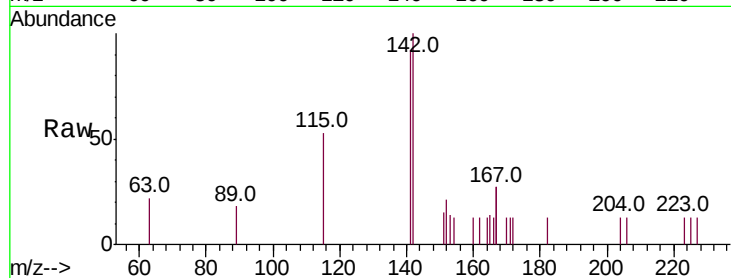
Tot Ion:142 Resp: 847

Ion Ratio Lower Upper

142 100

141 91.8 72.0 108.0

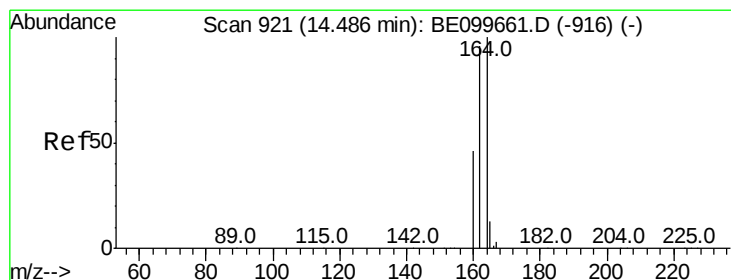
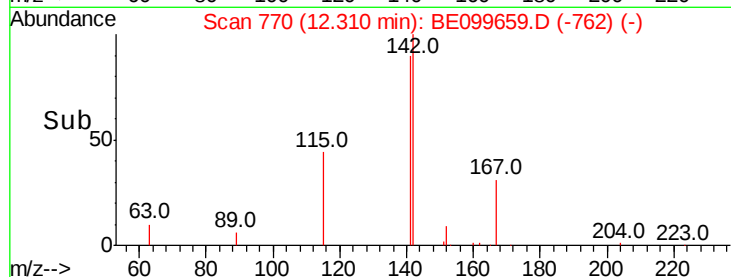
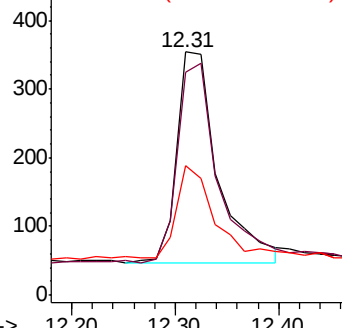
115 53.1 31.0 46.4#



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: 14.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

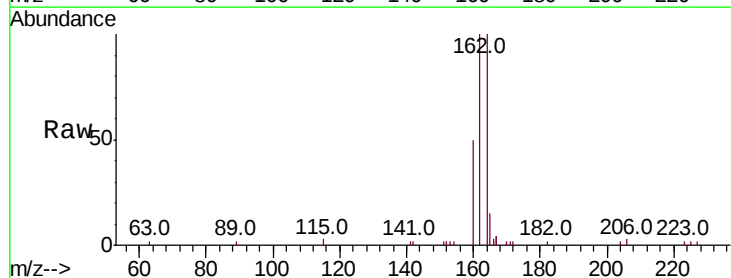
Tgt Ion:164 Resp: 3808

Ion Ratio Lower Upper

164 100

162 99.8 76.5 114.7

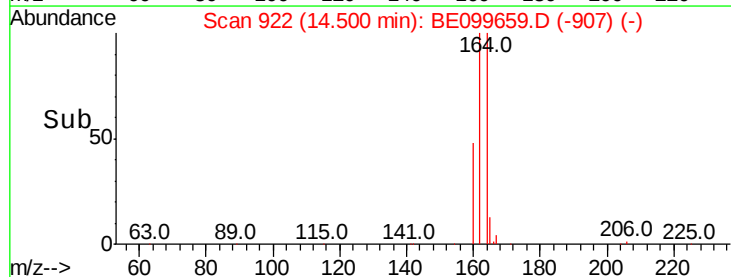
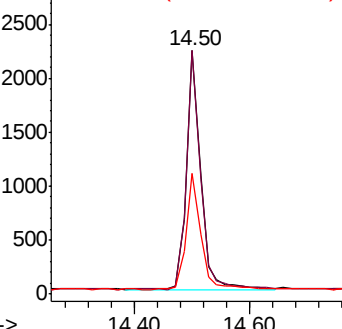
160 49.5 37.4 56.2

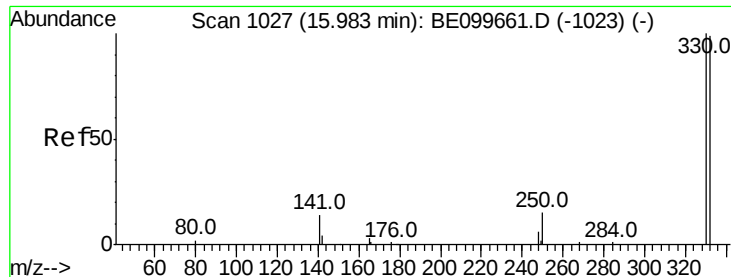


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

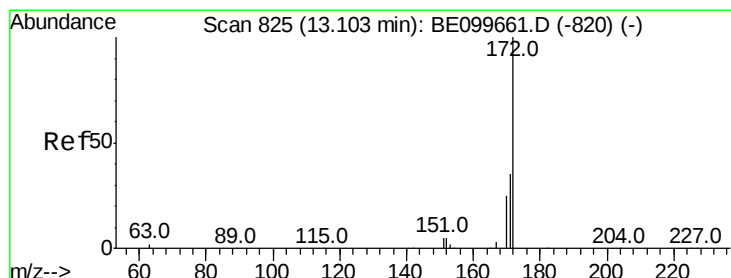
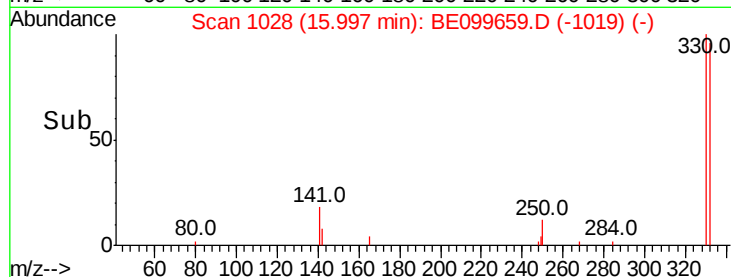
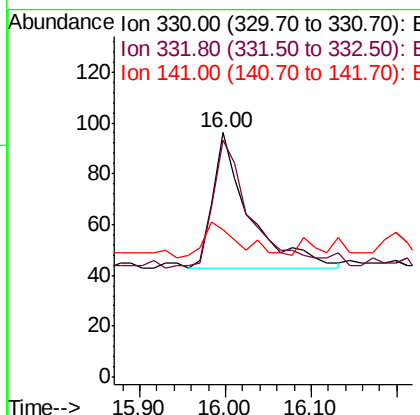
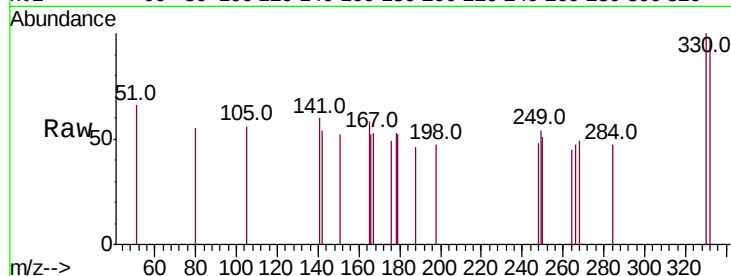




#14
 2,4,6-Tribromophenol
 Concen: 0.060 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

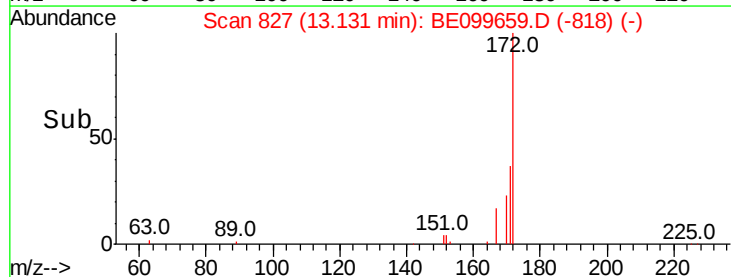
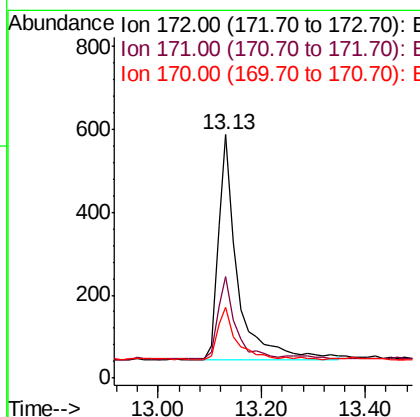
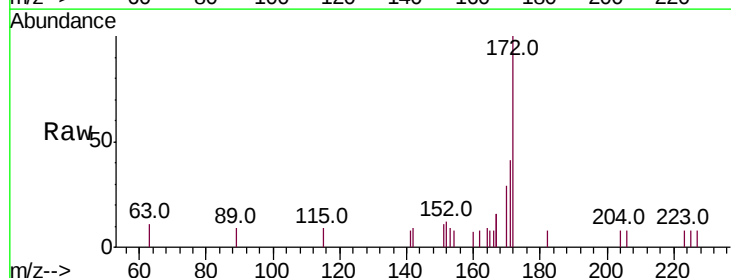
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

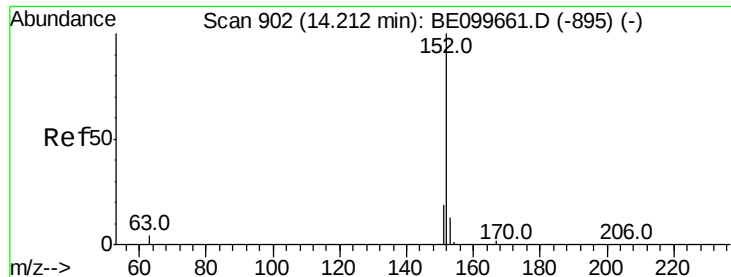
Tot Ion:330 Resp: 156
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 26.9 18.9 28.3



#15
 2-Fluorobiphenyl
 Concen: 0.096 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.03 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion:172 Resp: 1412
 Ion Ratio Lower Upper
 172 100
 171 41.5 28.7 43.1
 170 29.3 20.9 31.3

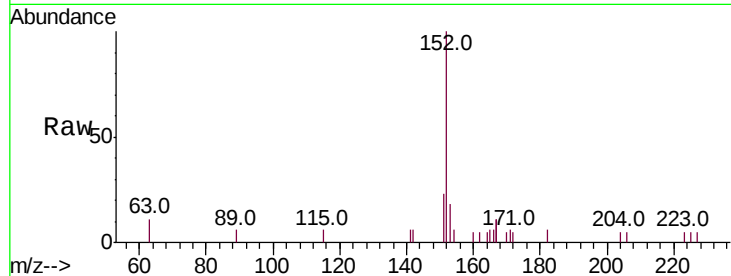




#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	12.7	10.6	16.0

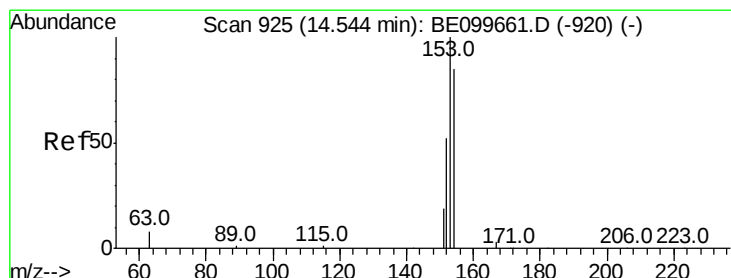
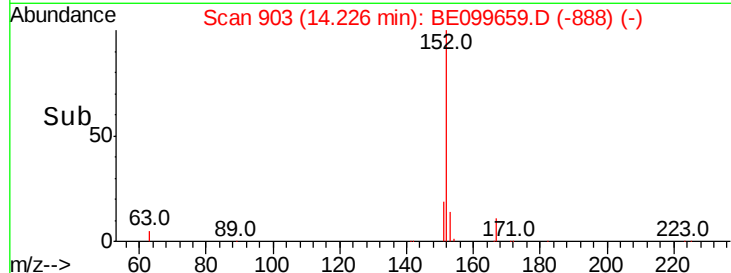
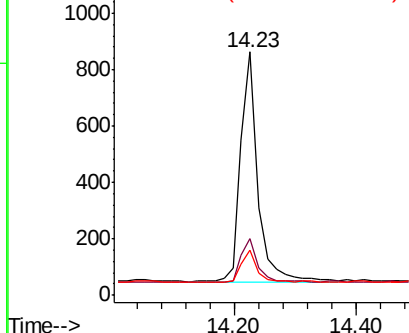


Abundance

Ion 152.00 (151.70 to 152.70): E

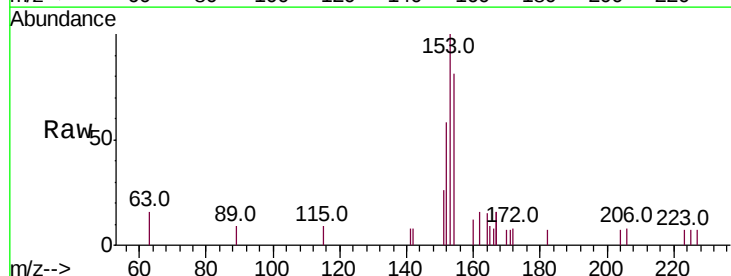
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17
Acenaphthene
Concen: 0.088 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.1	91.8	137.6
152	63.1	46.0	69.0

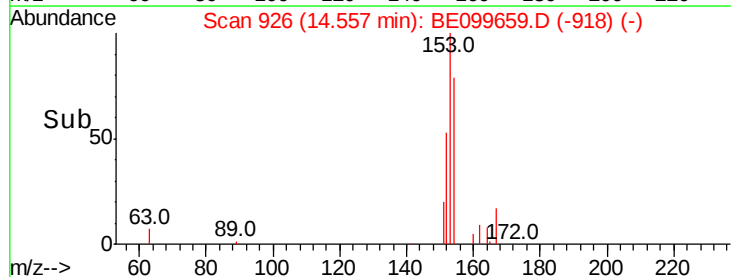
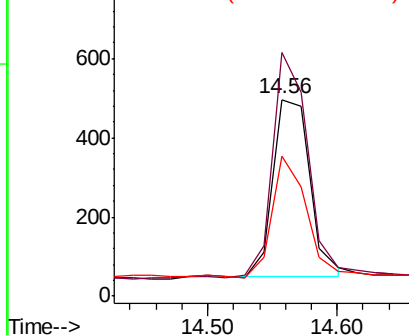


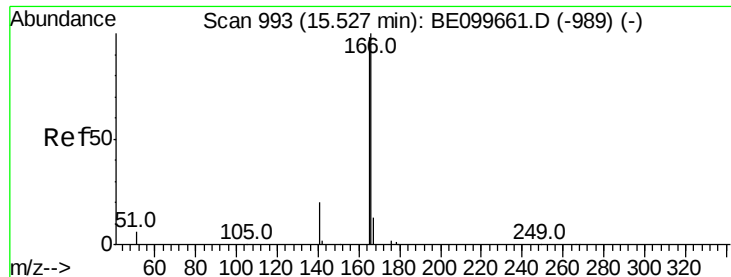
Abundance

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



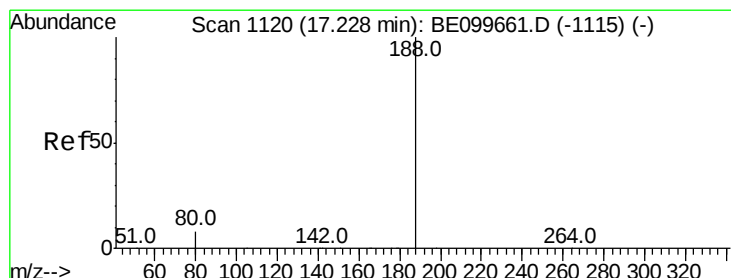
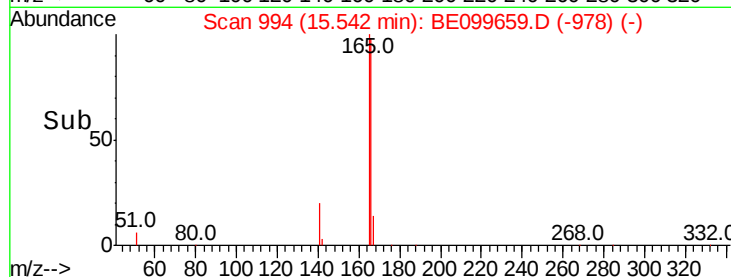
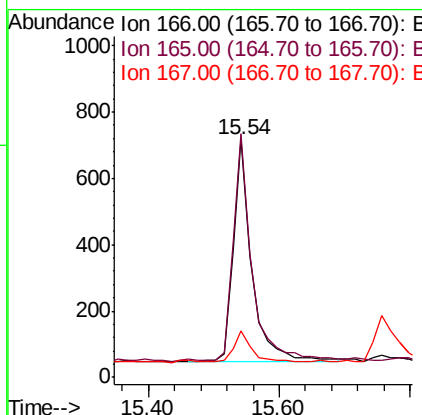
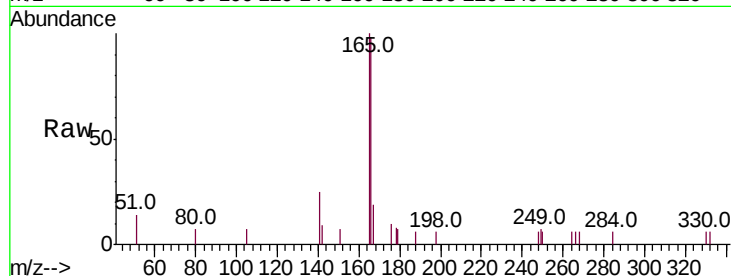


#18
Fluorene
 Concen: 0.091 ng
 RT: 15.54 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:166 Resp: 1327

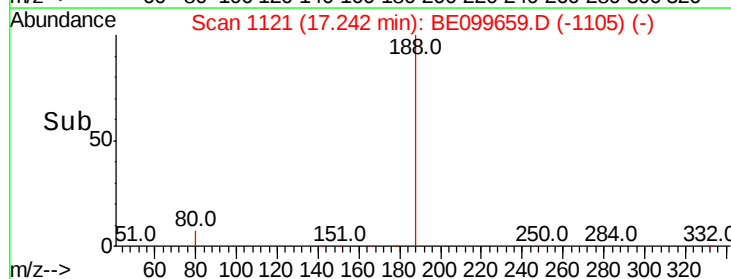
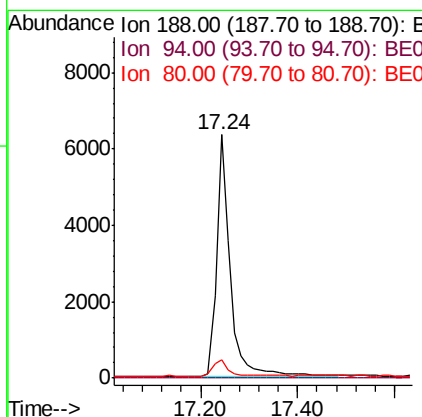
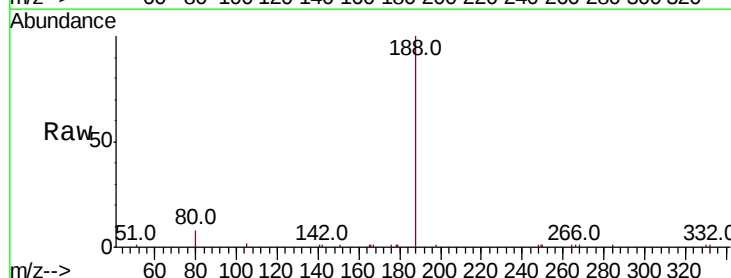
Ion	Ratio	Lower	Upper
166	100		
165	102.6	80.3	120.5
167	14.0	10.6	16.0

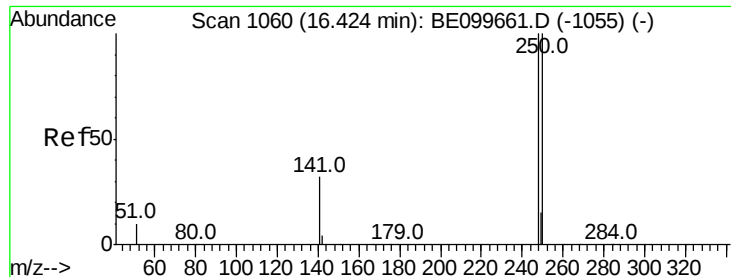


#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt Ion:188 Resp: 12222

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.7	10.1

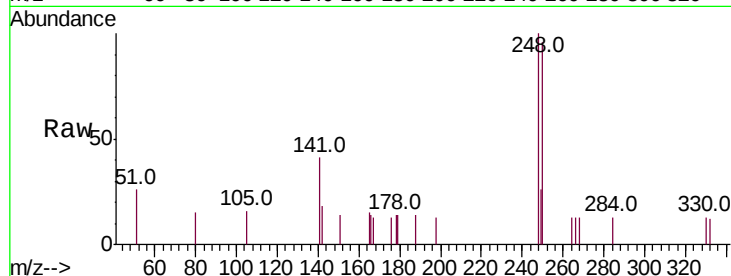




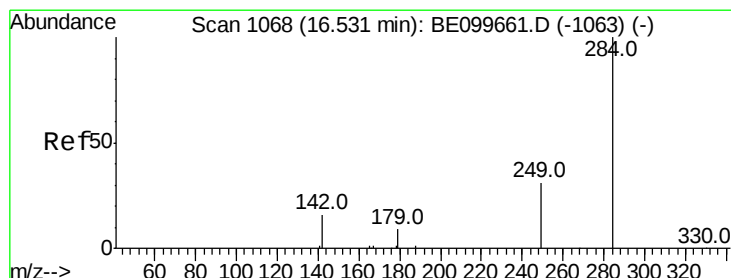
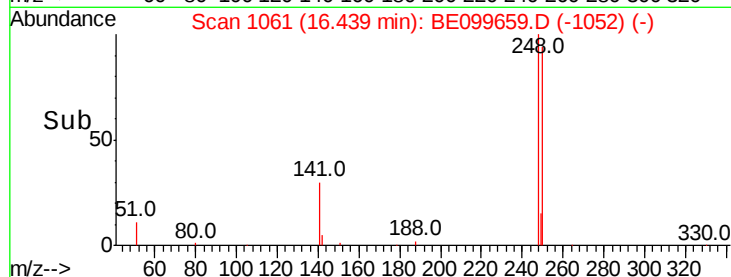
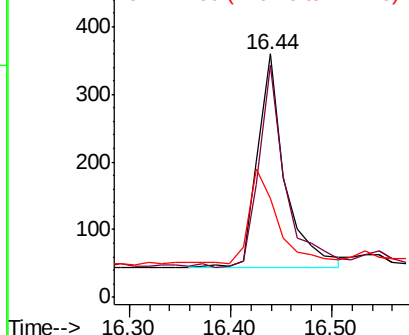
#20
4-Bromophenyl-phenylether
Concen: 0.084 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 594
Ion Ratio Lower Upper
248 100
250 95.6 79.8 119.8
141 40.8 27.0 40.6#

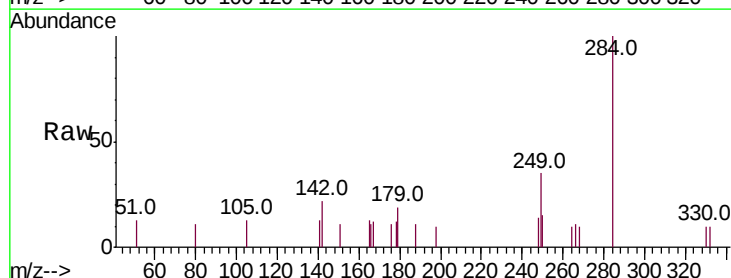


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

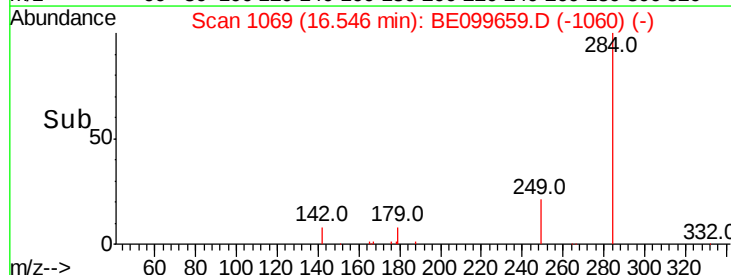
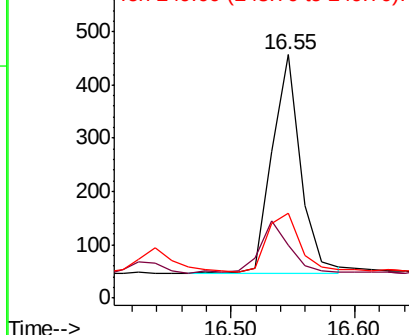


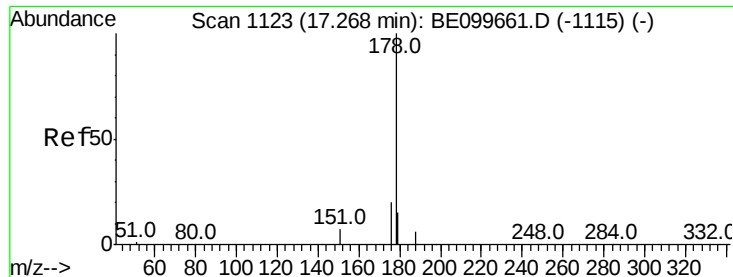
#21
Hexachlorobenzene
Concen: 0.094 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:284 Resp: 650
Ion Ratio Lower Upper
284 100
142 22.9 17.8 26.6
249 31.2 24.8 37.2



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





#23

Phenanthrene

Concen: 0.091 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

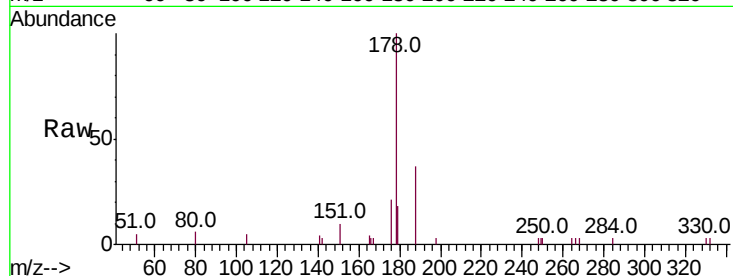
Tot Ion:178 Resp: 2747

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

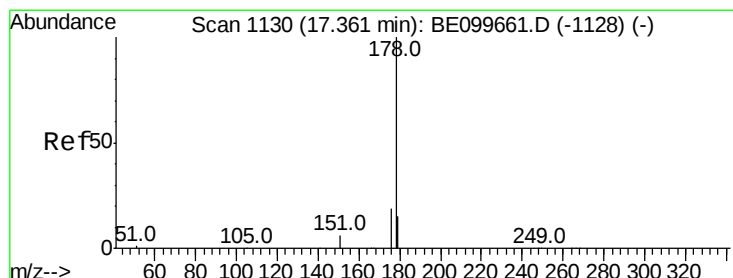
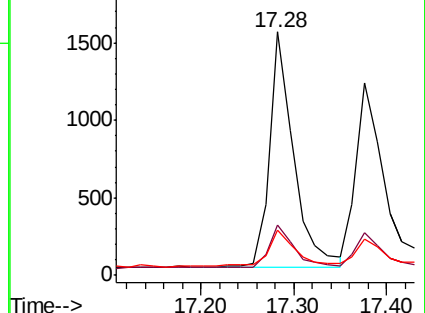
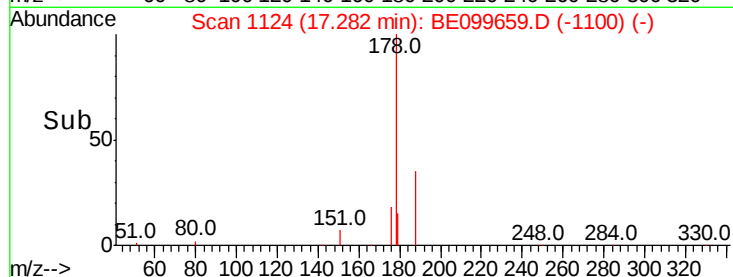
179 17.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.079 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

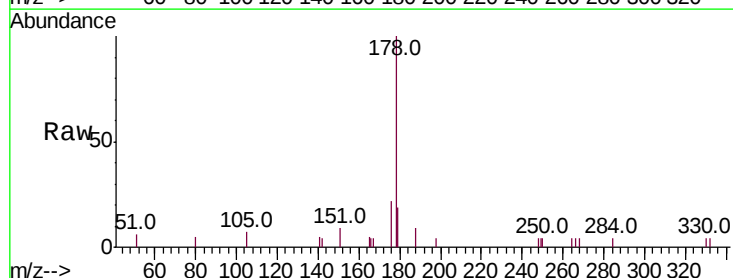
Tgt Ion:178 Resp: 2217

Ion Ratio Lower Upper

178 100

176 19.6 14.7 22.1

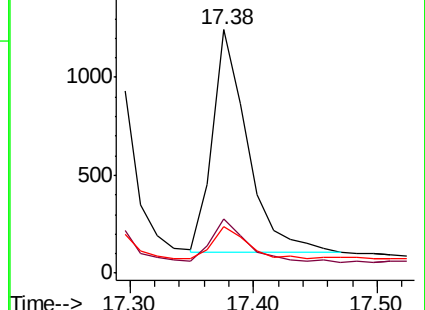
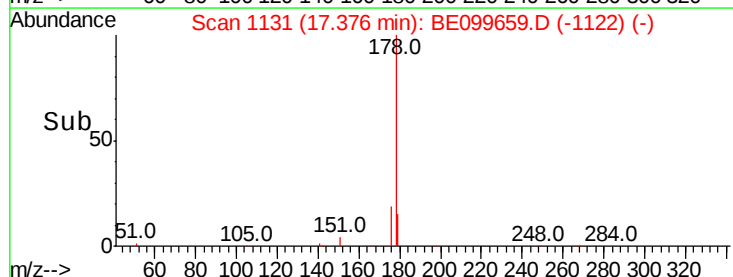
179 14.0 12.0 18.0

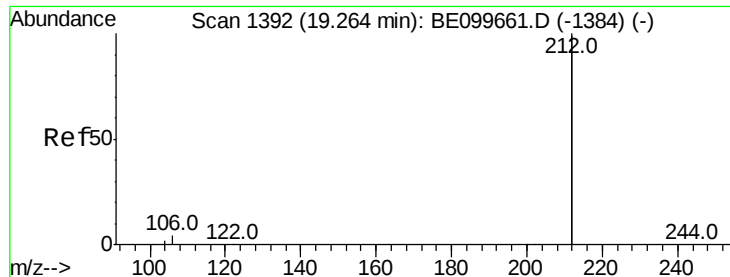


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

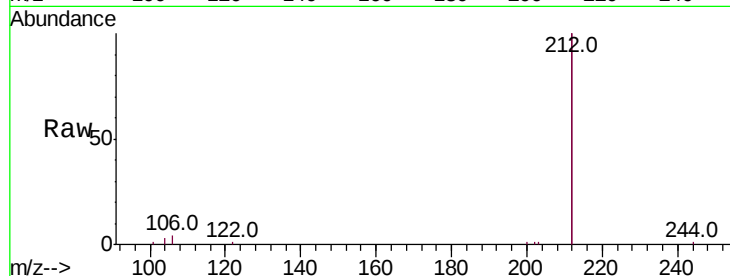
Tot Ion:212 Resp: 15513

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

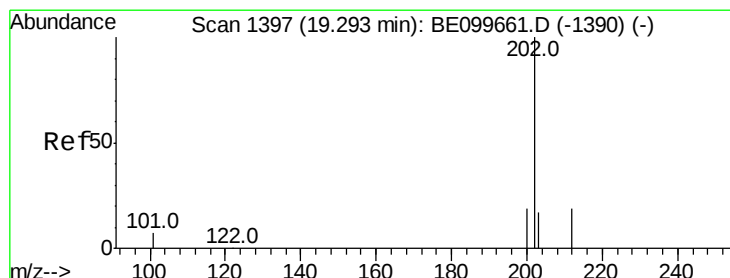
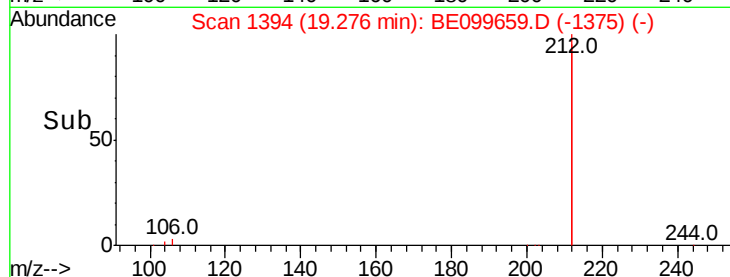
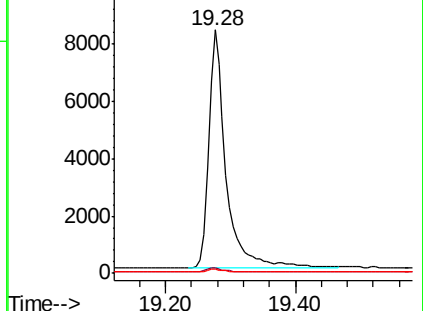
104 1.0 0.8 1.2



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: 0.094 ng

RT: 19.30 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

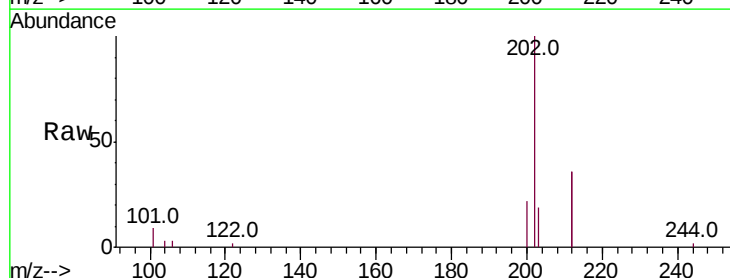
Tgt Ion:202 Resp: 4292

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

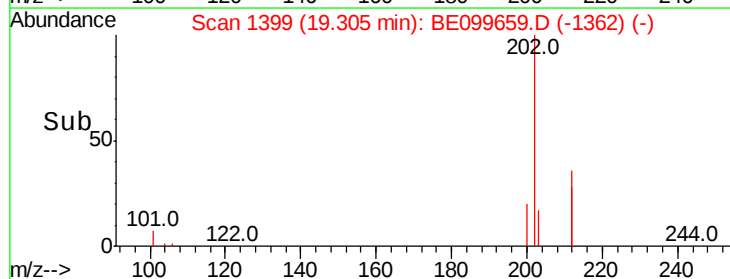
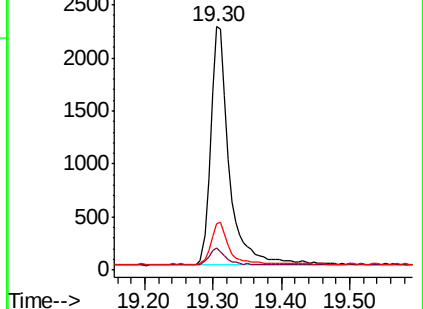
203 17.1 13.8 20.6

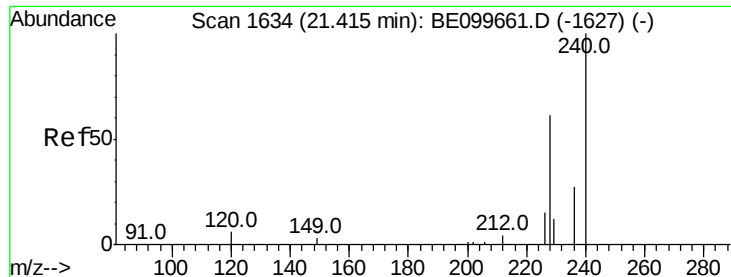


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

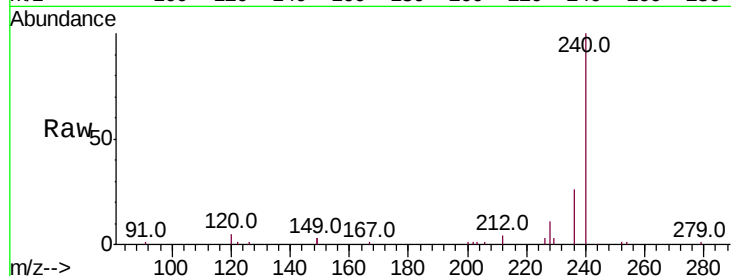
Tot Ion:240 Resp: 18325

Ion Ratio Lower Upper

240 100

120 4.8 5.4 8.0#

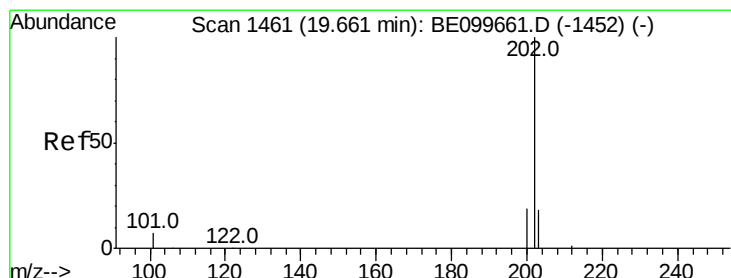
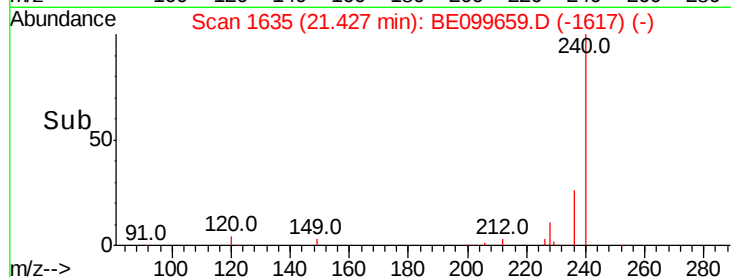
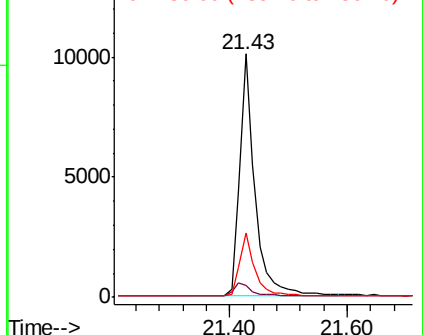
236 26.5 21.7 32.5



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: 0.092 ng

RT: 19.67 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

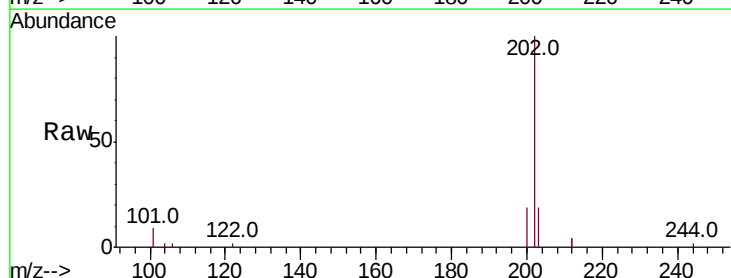
Tgt Ion:202 Resp: 4306

Ion Ratio Lower Upper

202 100

200 19.7 15.4 23.2

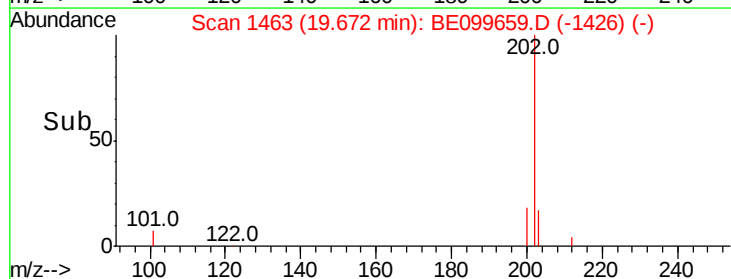
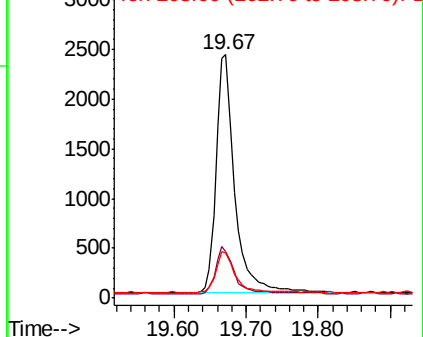
203 18.1 13.8 20.8

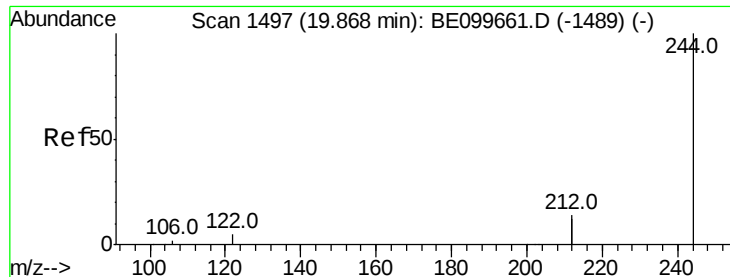


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.091 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

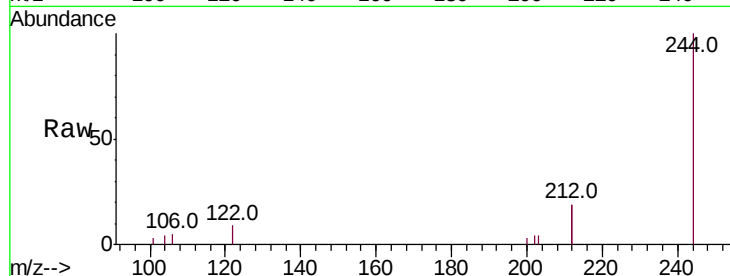
Tot Ion:244 Resp: 2991

Ion Ratio Lower Upper

244 100

212 38.3 22.5 33.7#

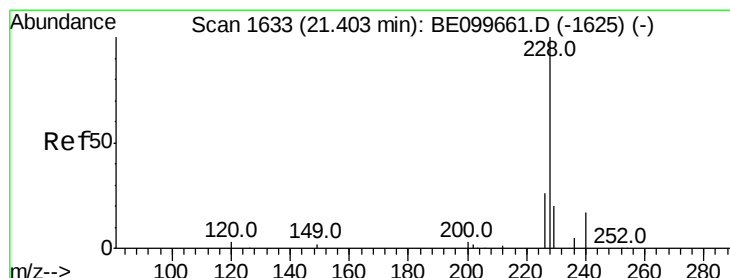
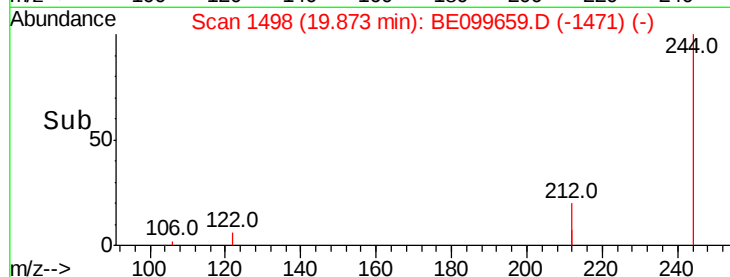
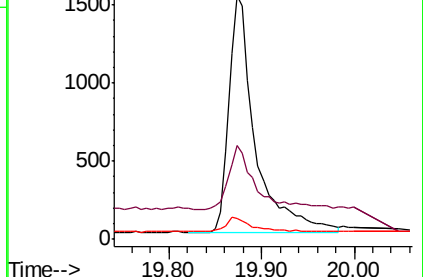
122 8.7 4.3 6.5#



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: 0.085 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

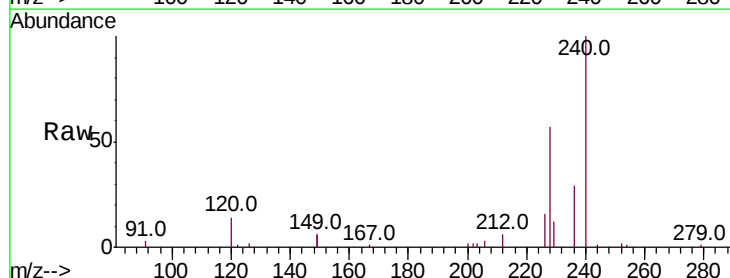
Tgt Ion:228 Resp: 4725

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

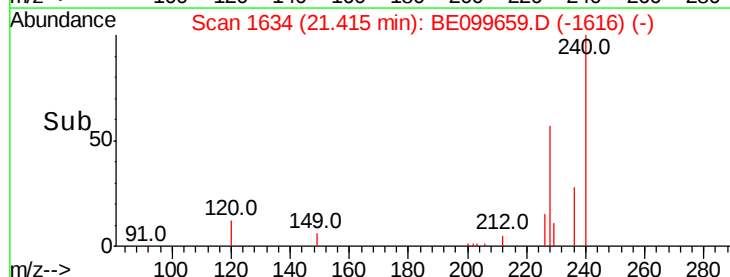
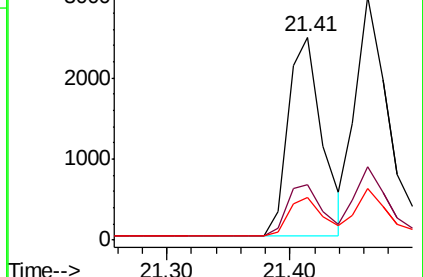
229 21.3 16.1 24.1

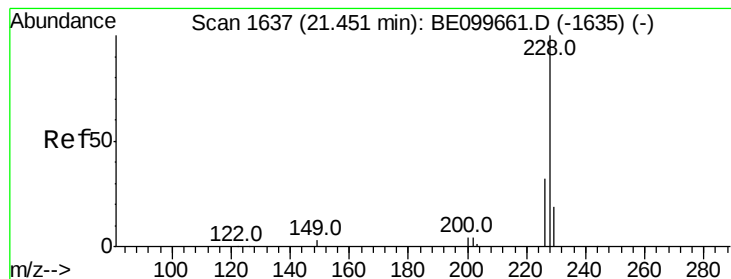


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.092 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

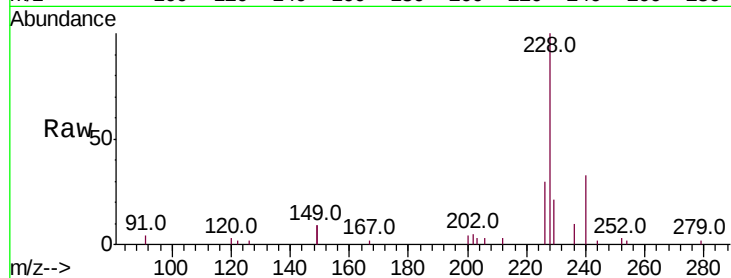
Tot Ion:228 Resp: 5274

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

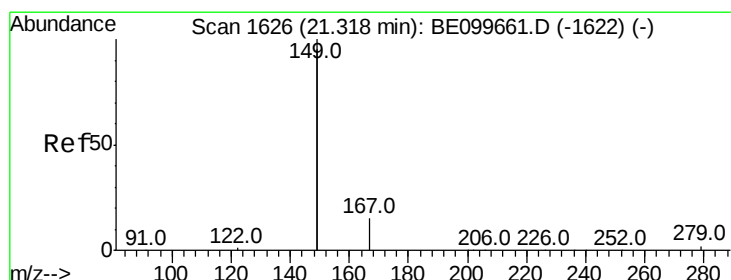
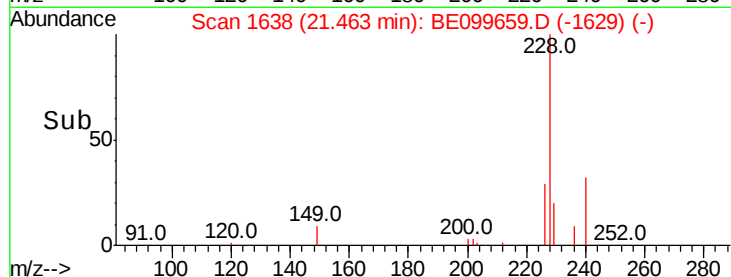
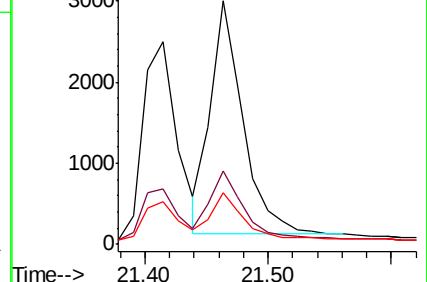
229 21.0 15.8 23.6



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: 0.074 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

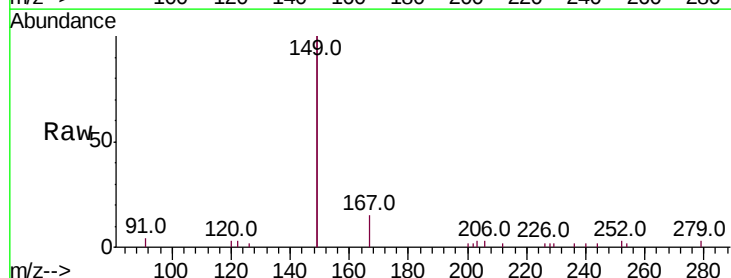
Tgt Ion:149 Resp: 6329

Ion Ratio Lower Upper

149 100

167 7.7 6.2 9.4

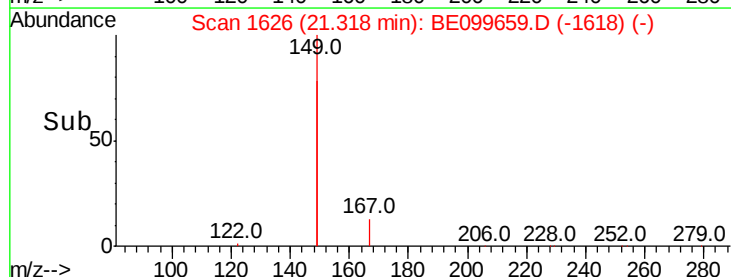
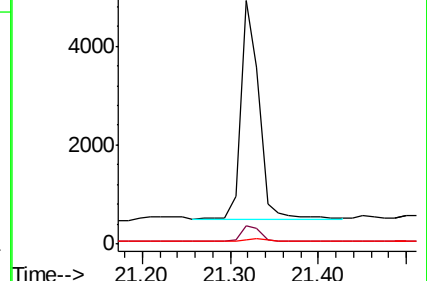
279 1.4 1.2 1.8

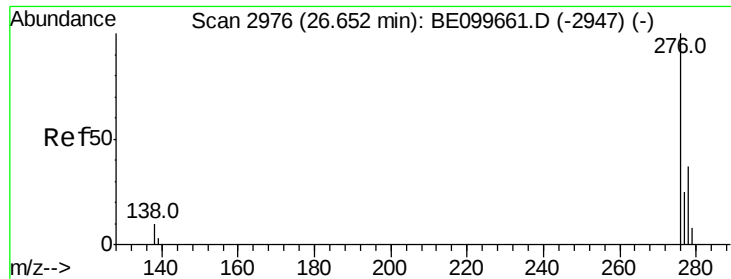


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

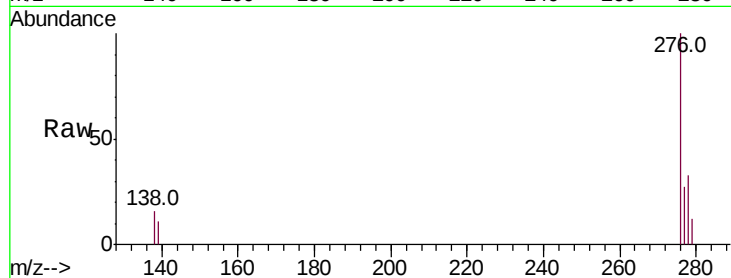




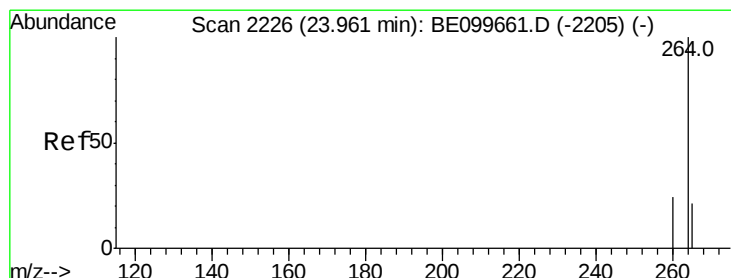
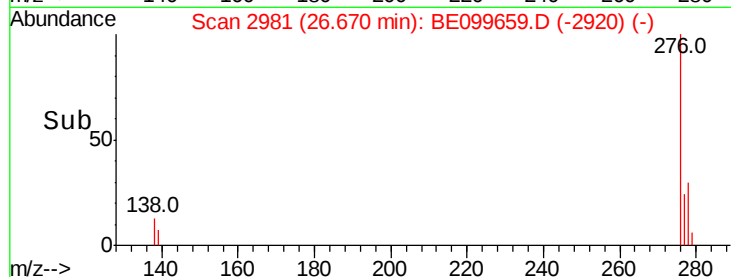
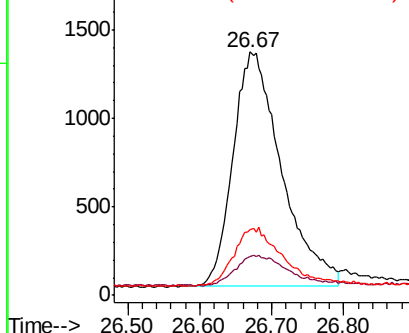
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.02 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:276 Resp: 6093
Ion Ratio Lower Upper
276 100
138 13.6 9.6 14.4
277 25.3 19.2 28.8

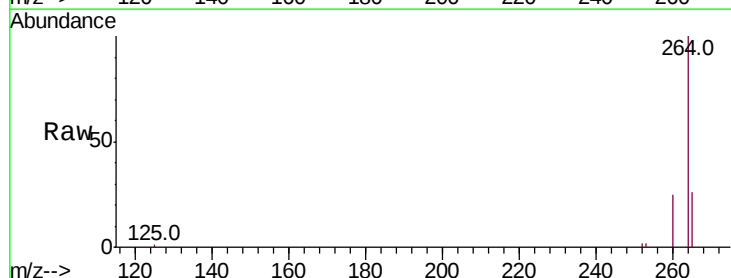


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

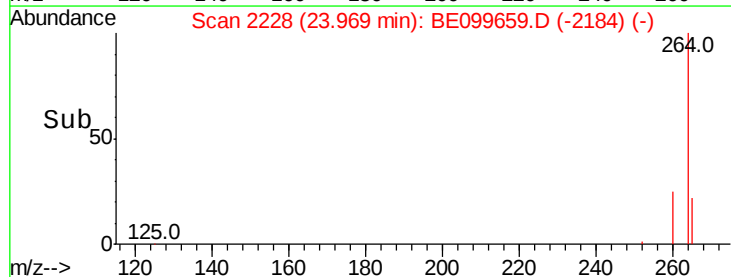
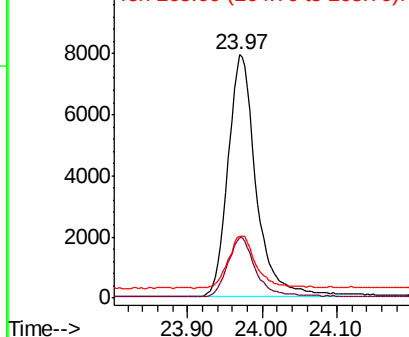


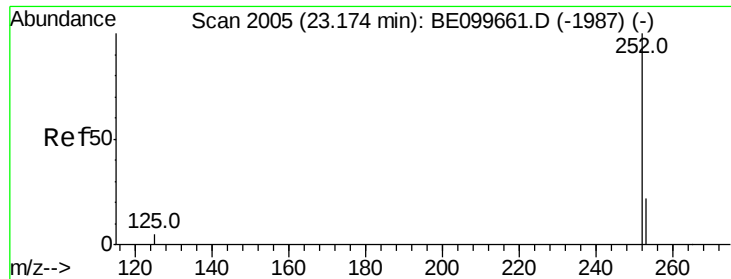
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:264 Resp: 20644
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 25.6 19.1 28.7



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

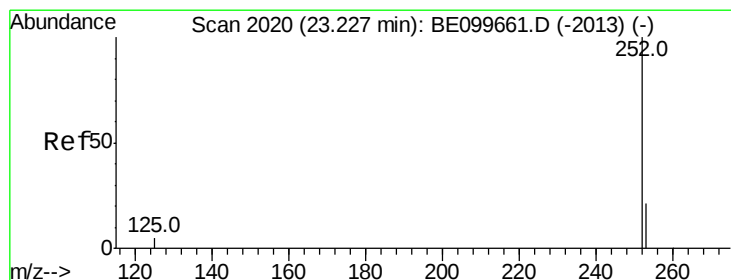
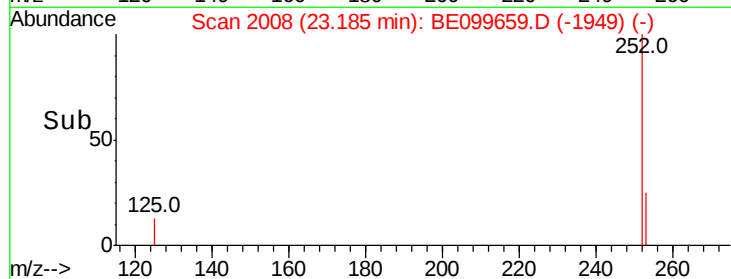
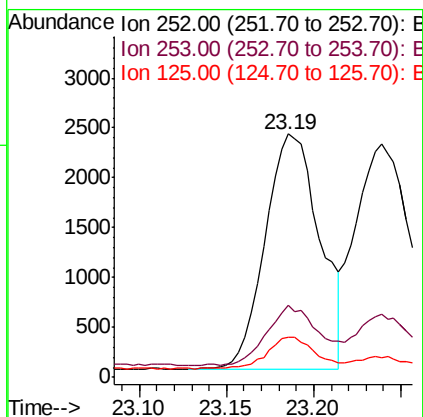
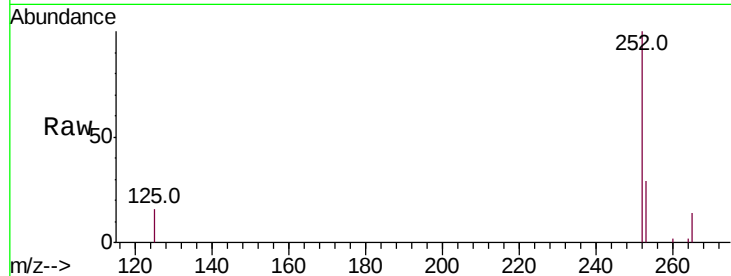




#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

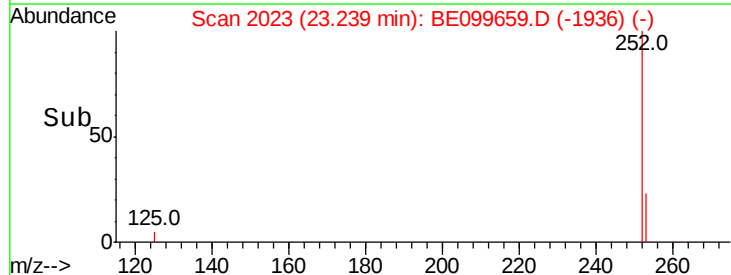
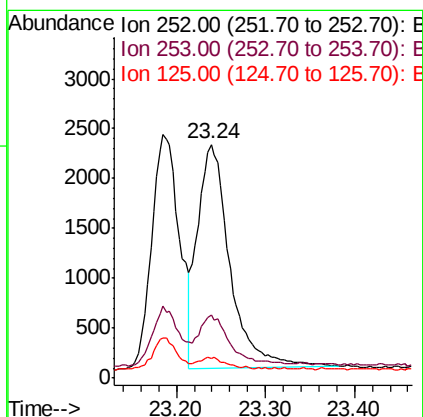
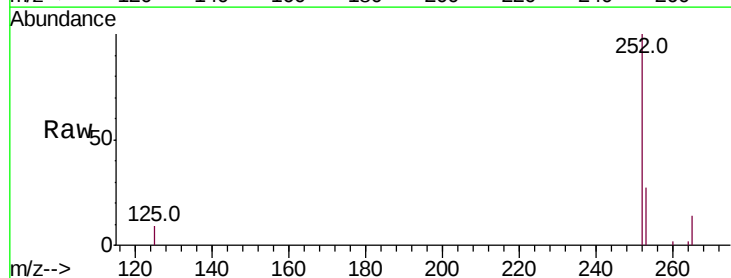
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

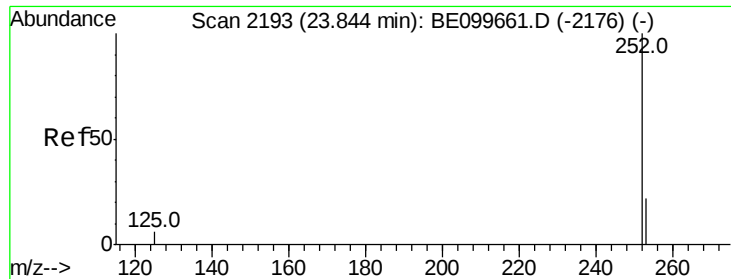
Tot Ion:252 Resp: 5135
Ion Ratio Lower Upper
252 100
253 29.5 18.2 27.4#
125 16.3 4.5 6.7#



#36
Benzo(k)fluoranthene
Concen: 0.099 ng
RT: 23.24 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:252 Resp: 5658
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 8.6 4.6 6.8#





#37

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.86 min Scan# 2197

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

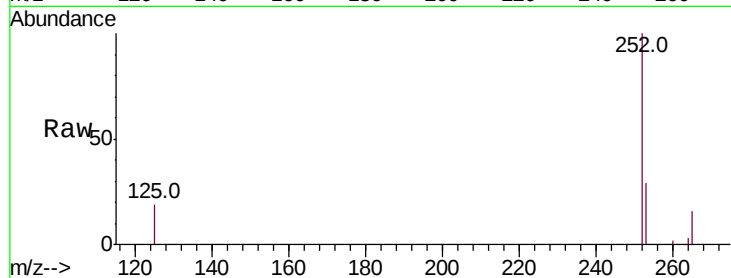
Tot Ion:252 Resp: 5126

Ion Ratio Lower Upper

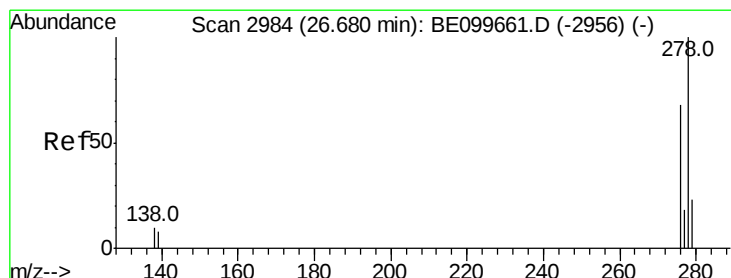
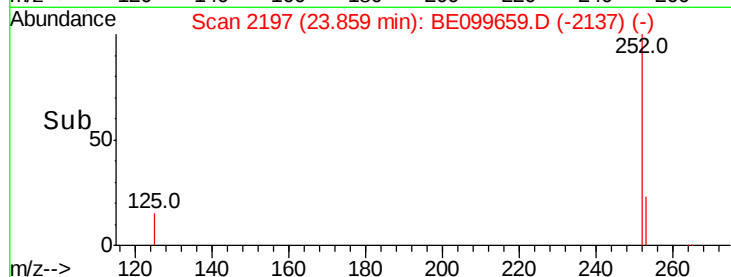
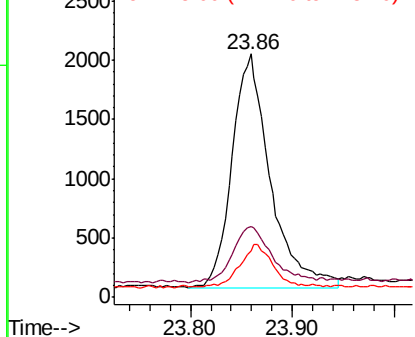
252 100

253 28.9 18.9 28.3#

125 19.1 5.4 8.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.088 ng

RT: 26.70 min Scan# 2990

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

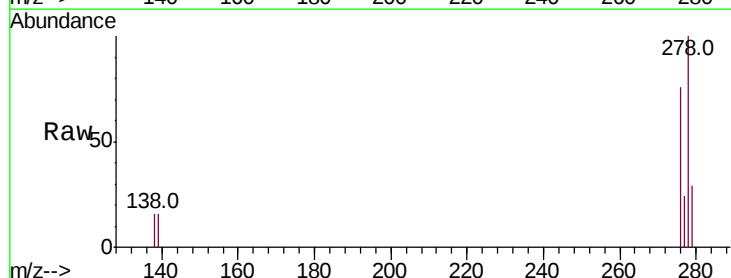
Tgt Ion:278 Resp: 5123

Ion Ratio Lower Upper

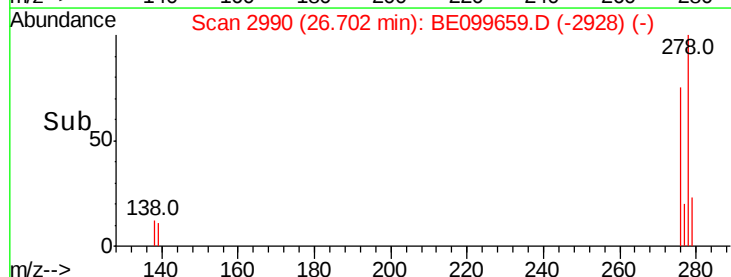
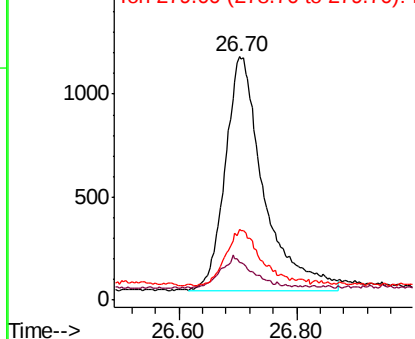
278 100

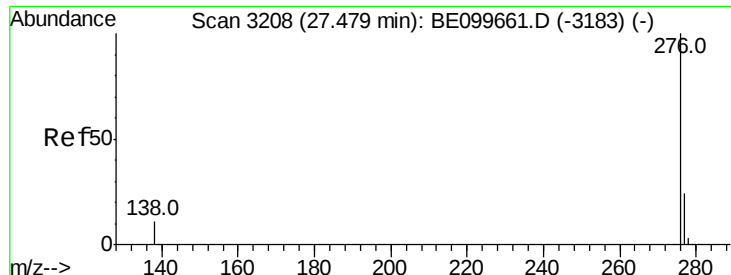
139 15.7 6.9 10.3#

279 29.1 19.2 28.8#



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: 0.091 ng

RT: 27.50 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

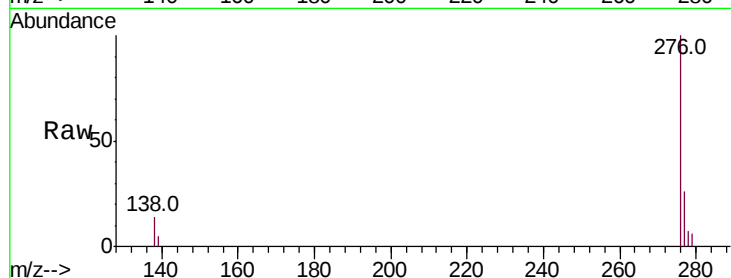
Tot Ion:276 Resp: 5305

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.6

138 14.4 9.2 13.8#



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

