

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 15:44:40 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 15:39:28 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

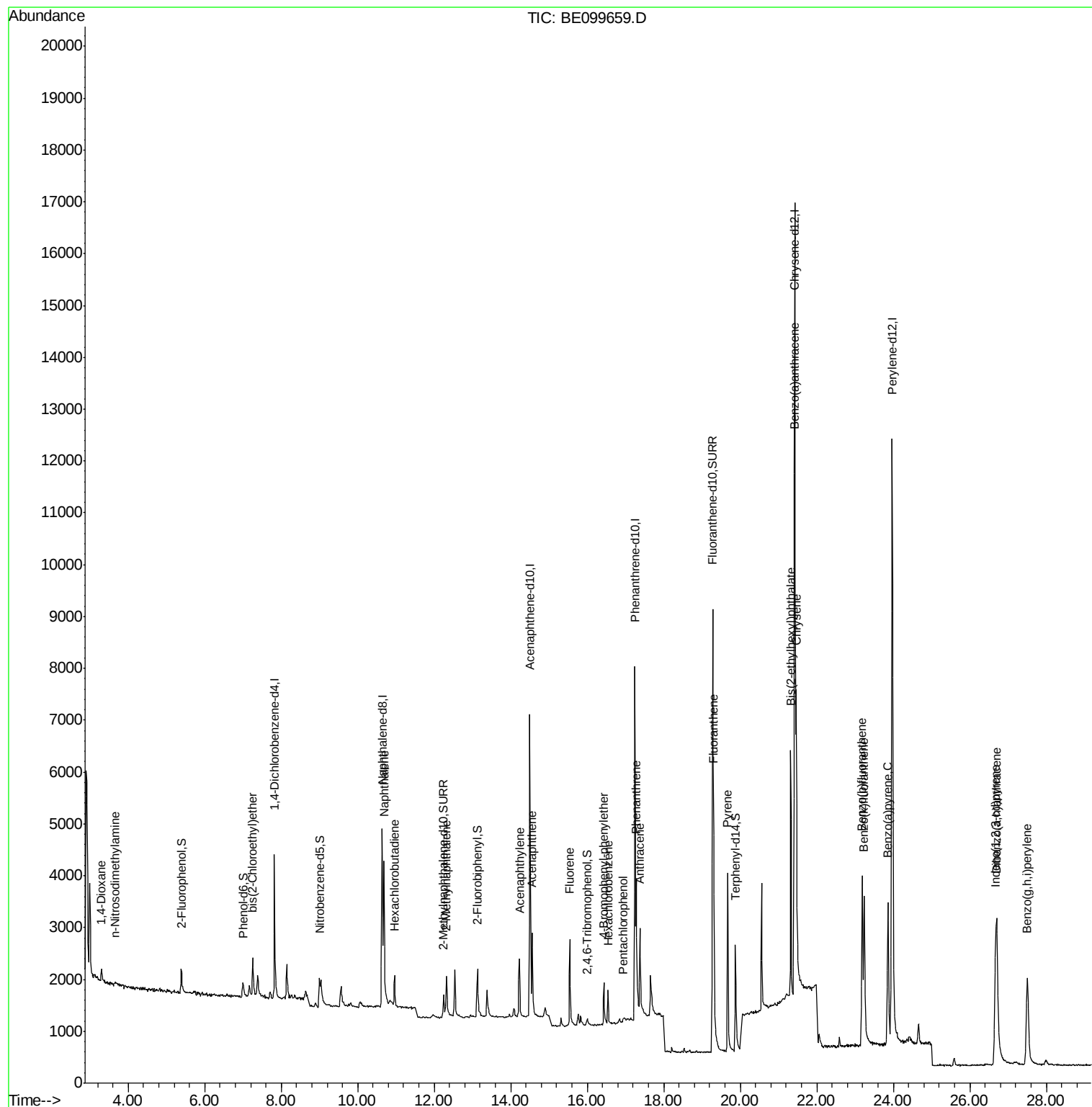
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	291	0.123	ng	92
3) n-Nitrosodimethylamine	3.66	42	93	0.062	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	468	0.097	ng	81
9) Naphthalene	10.69	128	5773	0.097	ng	# 97
10) Hexachlorobutadiene	10.97	225	432	0.100	ng	97
12) 2-Methylnaphthalene	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
22) Pentachlorophenol	16.95	266	97	0.035	ng	# 82
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

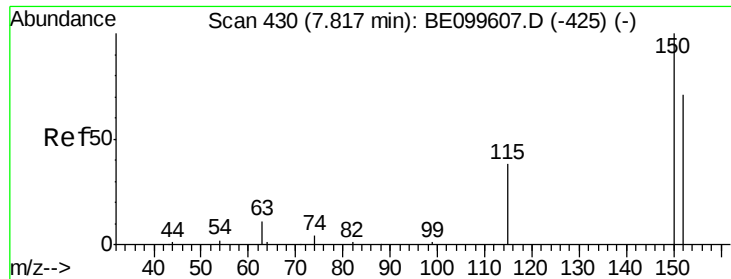
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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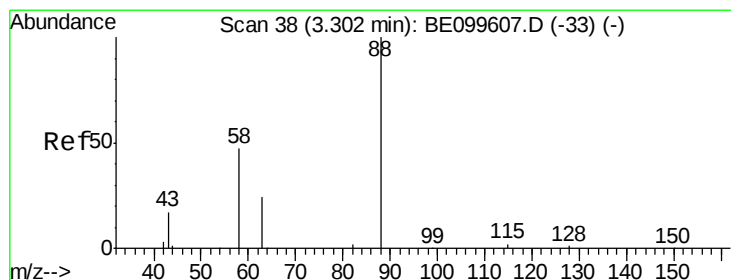
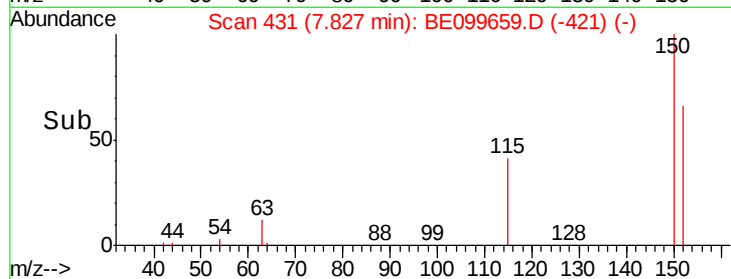
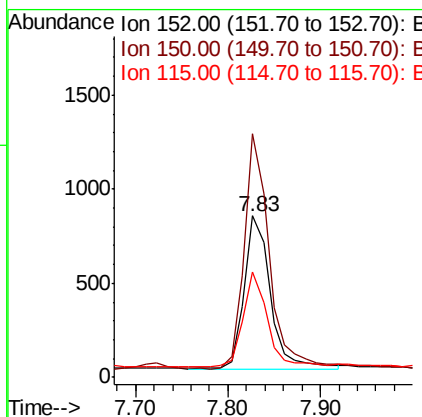
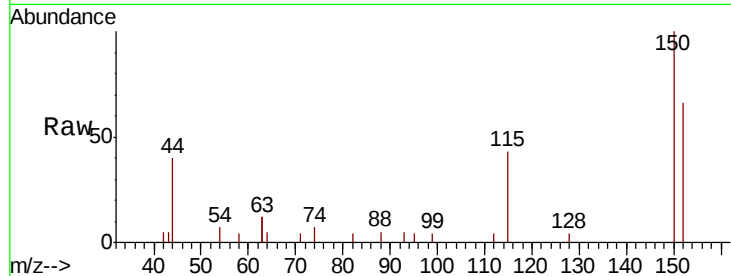


#1

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 :
 SSTDICC0.1

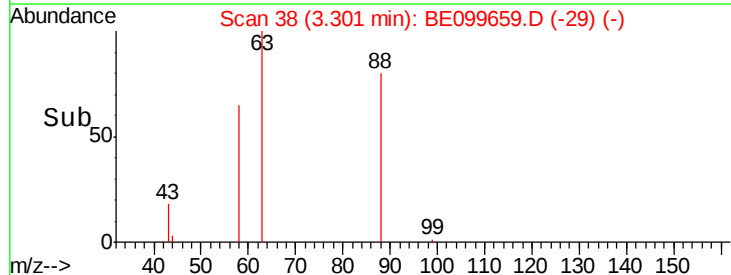
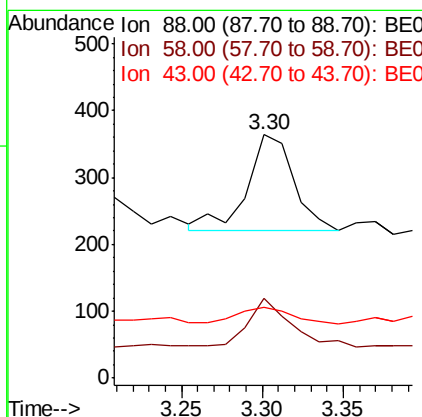
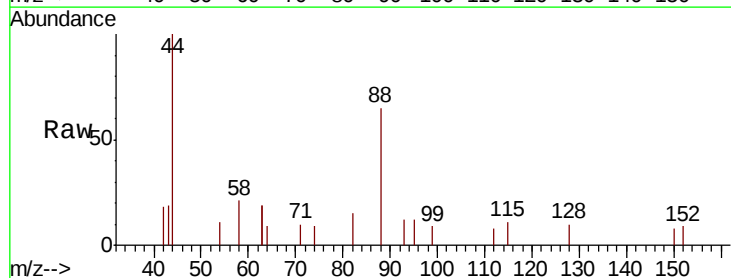
Tot Ion:152 Resp: 1598
 Ion Ratio Lower Upper
 152 100
 150 151.0 109.2 163.8
 115 65.6 43.7 65.5#



#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



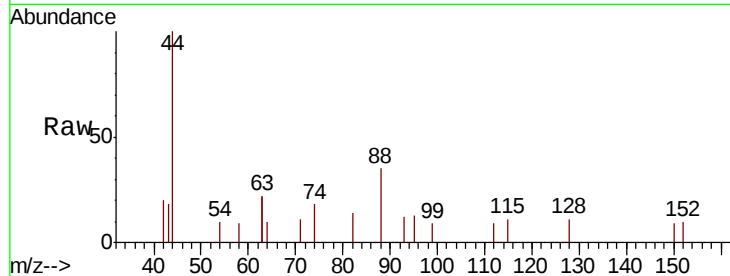


#3

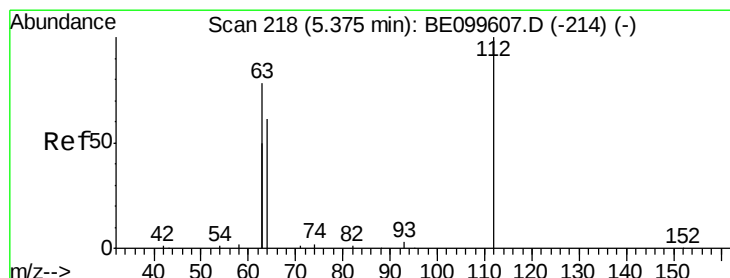
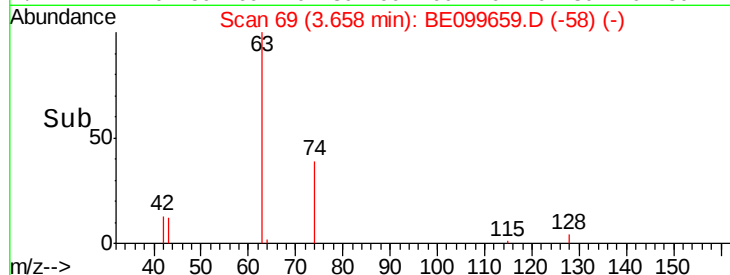
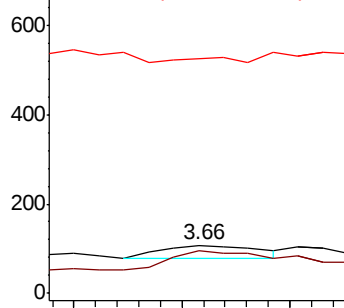
n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.02 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	42	Resp	93
Ion Ratio	Lower	Upper	
42	100		
74	160.2	128.4	192.6
44	0.0	0.0	0.0



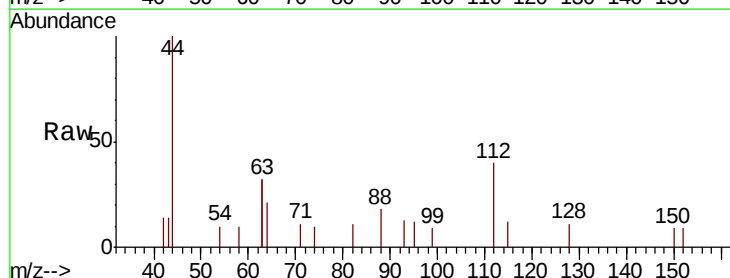
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



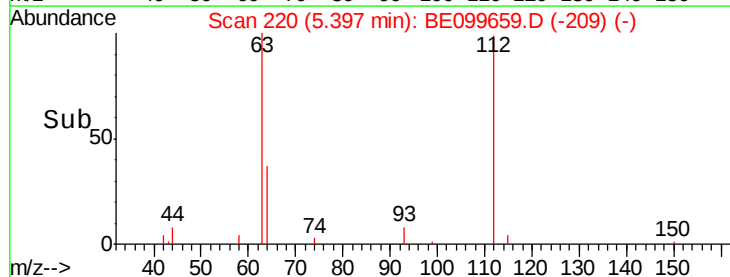
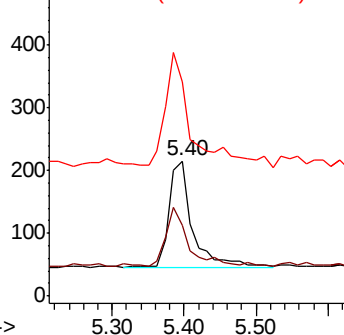
#4

2-Fluorophenol
 Concen: 0.084 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

Tgt 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): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

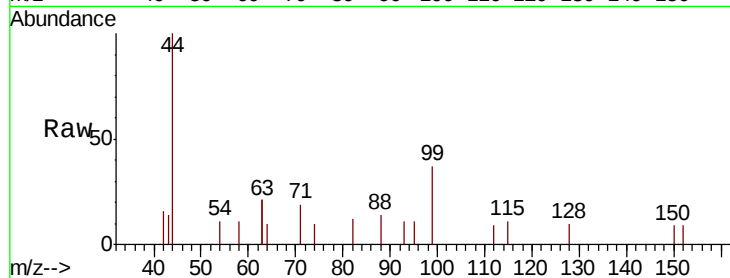
Tot Ion: 99 Resp: 486

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

7.00

250

200

150

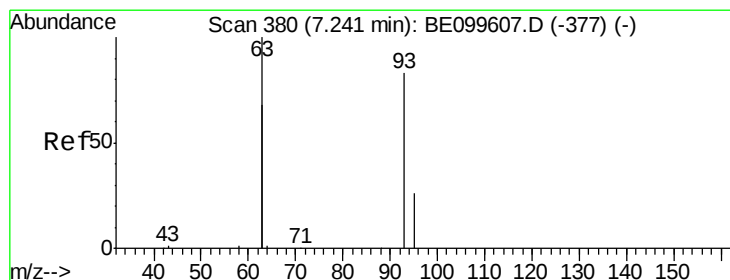
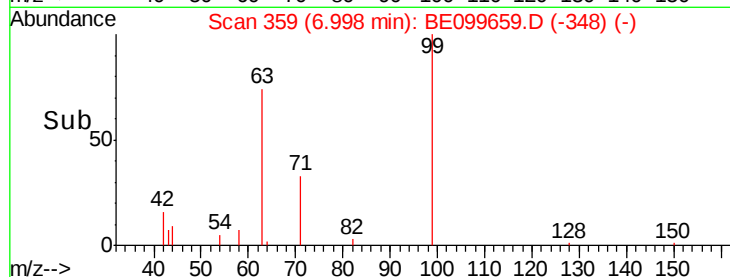
100

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

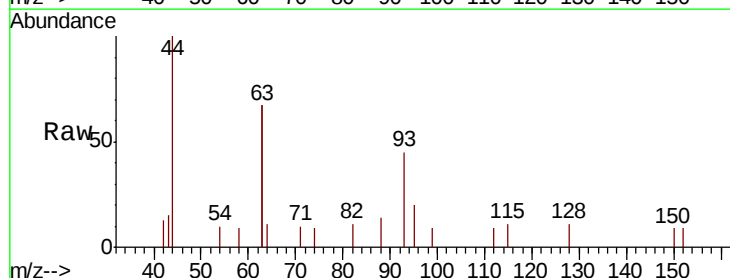
Tgt Ion: 93 Resp: 468

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

800

600

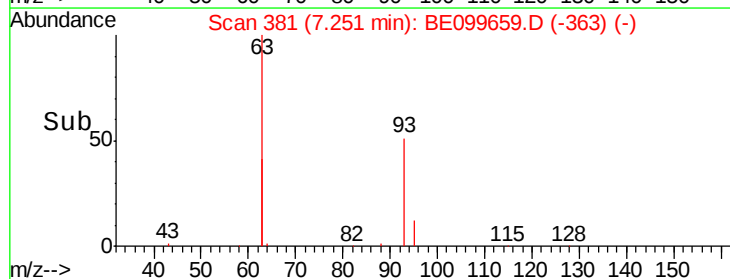
400

200

0

7.20 7.25 7.30 7.40

Time-->





#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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 5577

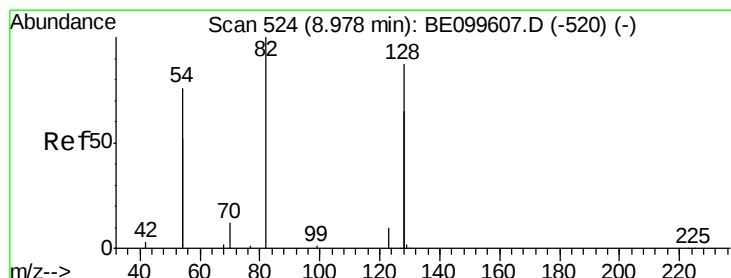
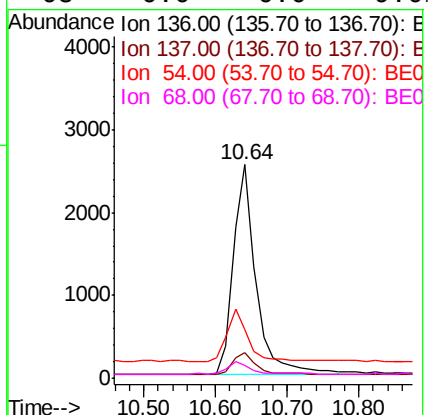
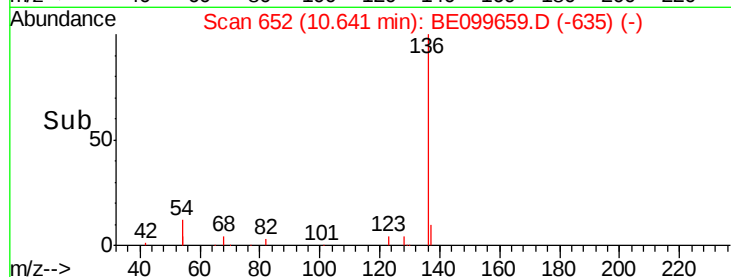
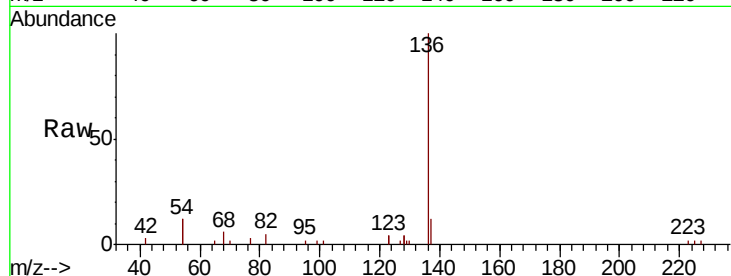
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 23.0 22.3 33.5

68 6.0 6.0 9.0#



#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

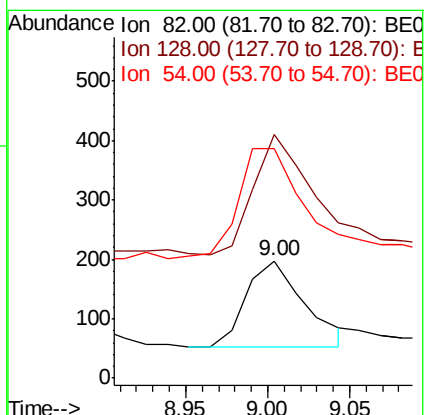
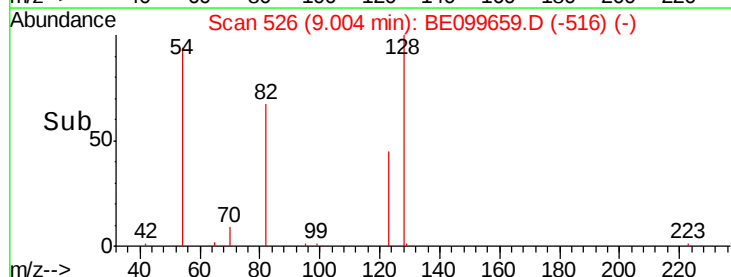
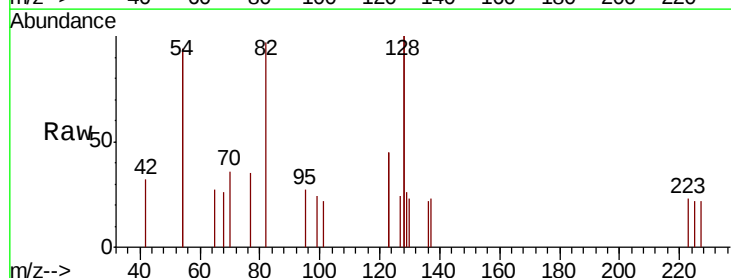
Tgt Ion: 82 Resp: 363

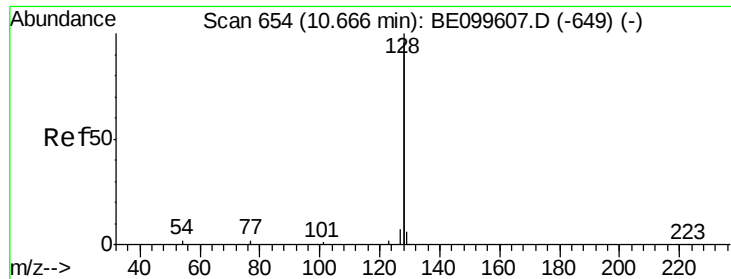
Ion Ratio Lower Upper

82 100

128 207.1 117.7 176.5#

54 194.9 106.6 160.0#

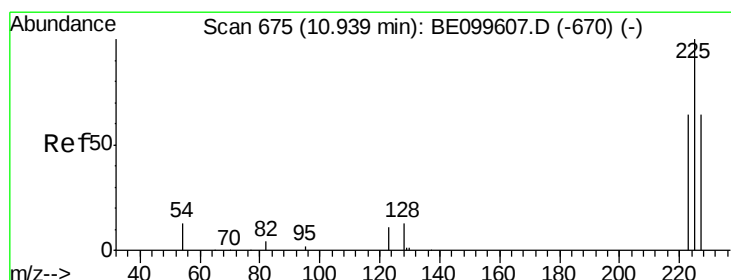
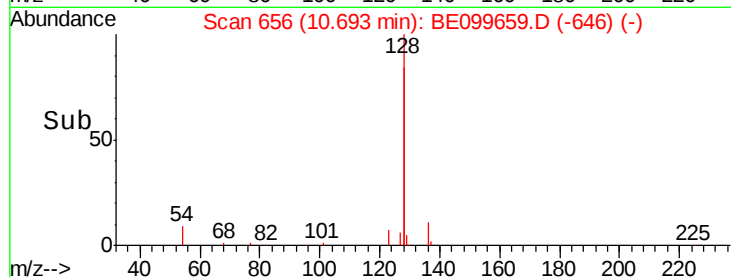
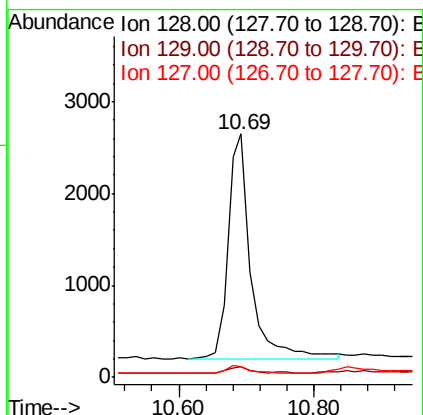
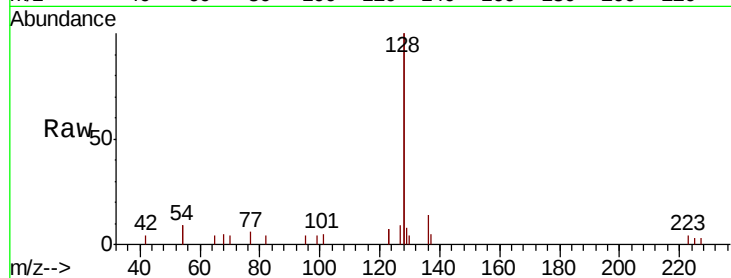




#9
Naphthalene
Concen: 0.097 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.03 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

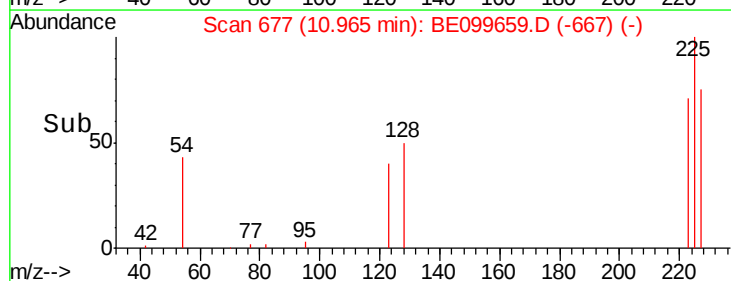
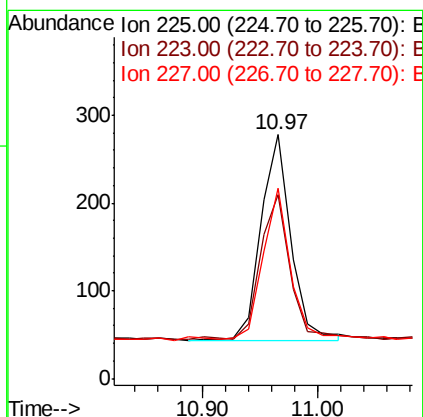
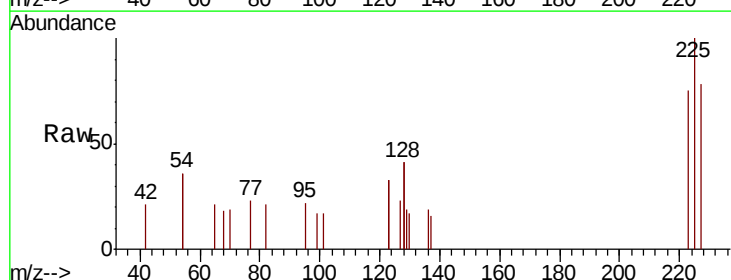
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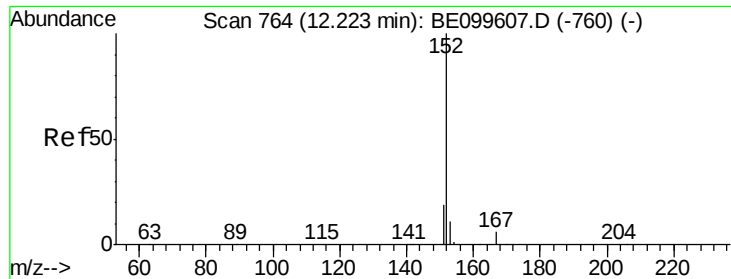
Tot Ion:128 Resp: 5773
Ion Ratio Lower Upper
128 100
129 4.2 2.4 3.6#
127 4.6 2.9 4.3#



#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

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

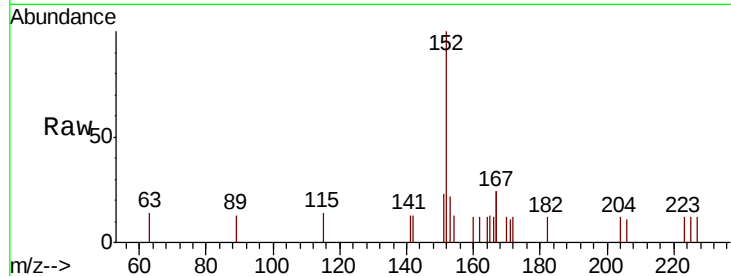




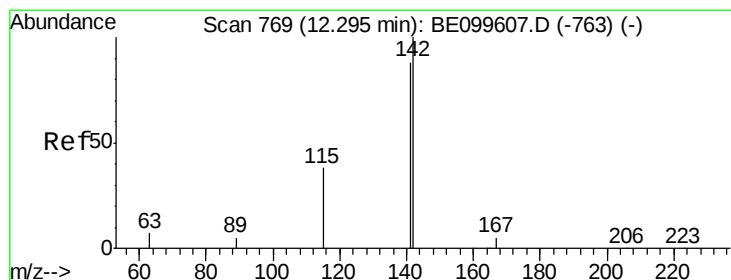
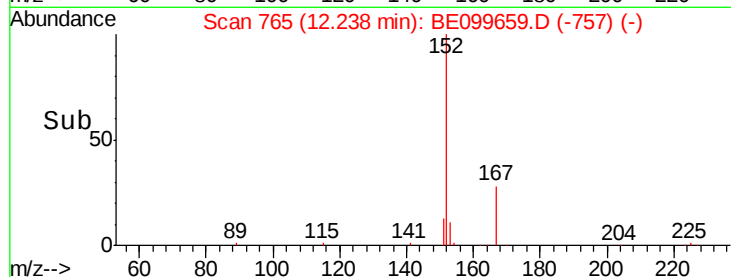
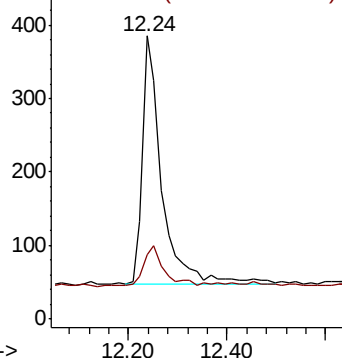
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

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

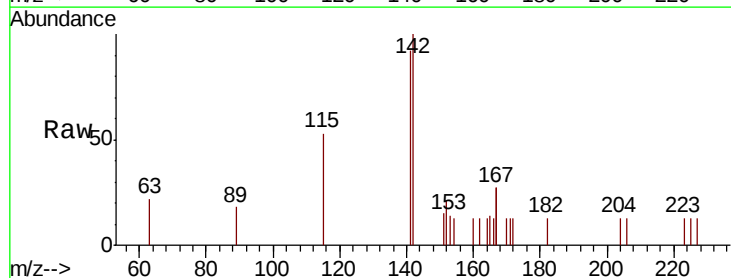


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

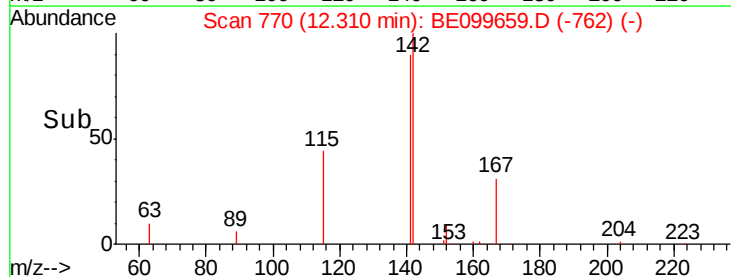
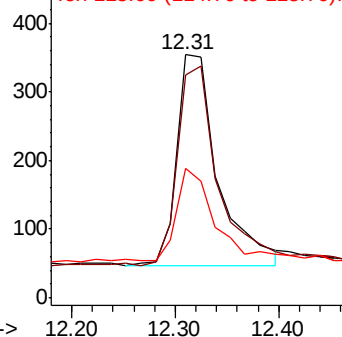


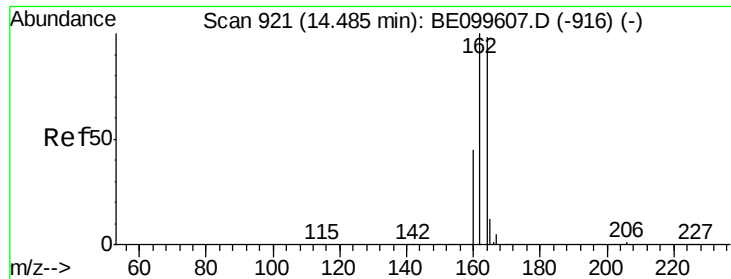
#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt 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

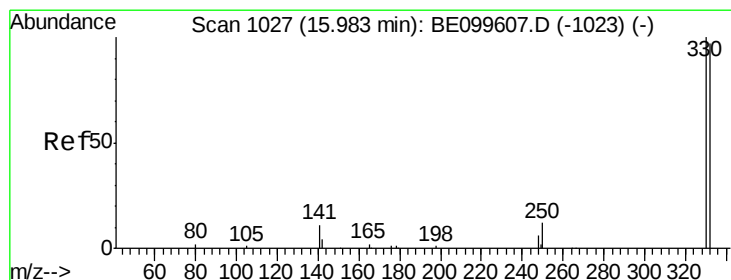
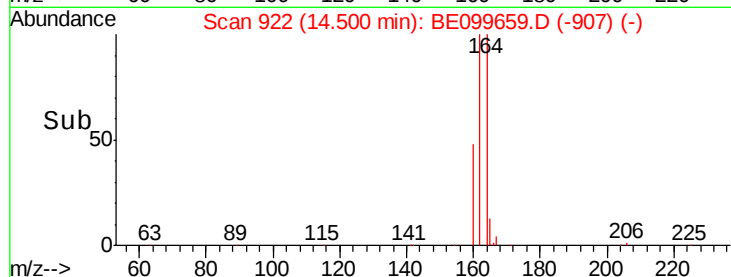
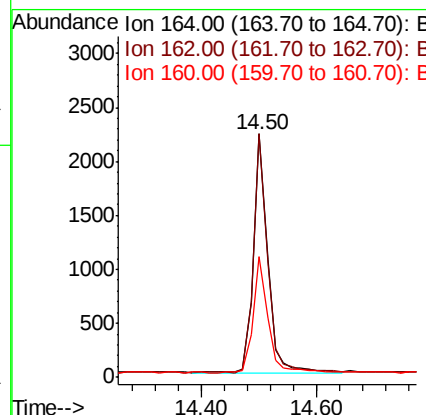
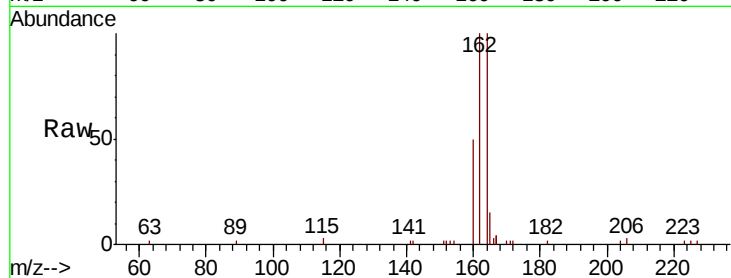




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

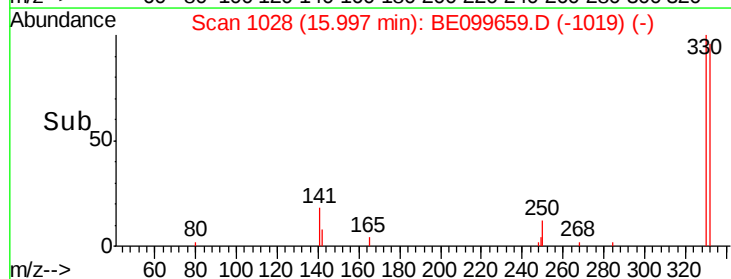
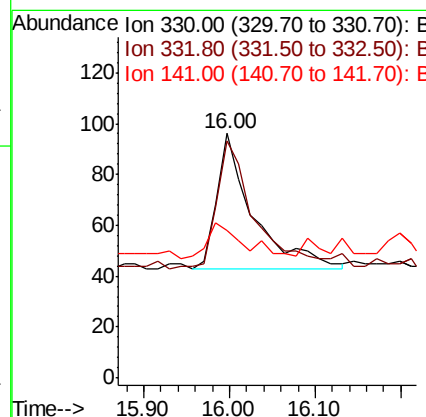
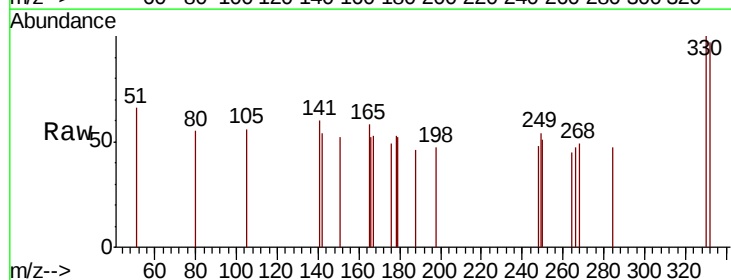
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:164 Resp: 3808
 Ion Ratio Lower Upper
 164 100
 162 99.8 76.5 114.7
 160 49.5 37.4 56.2



#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

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

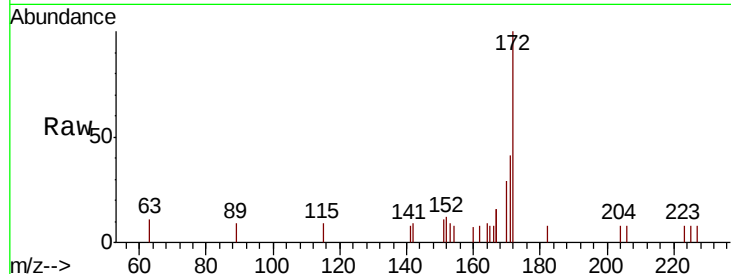




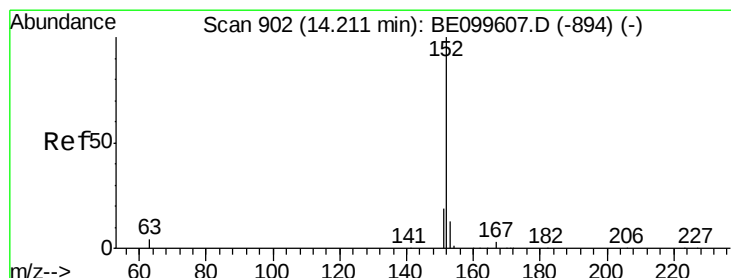
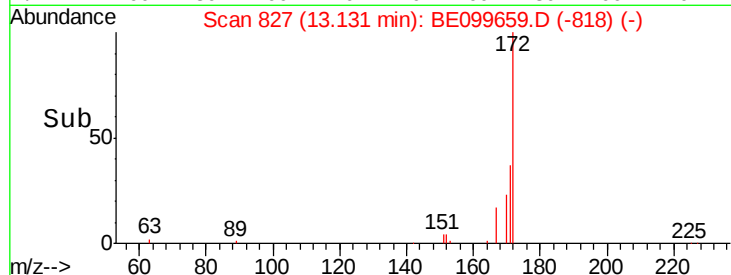
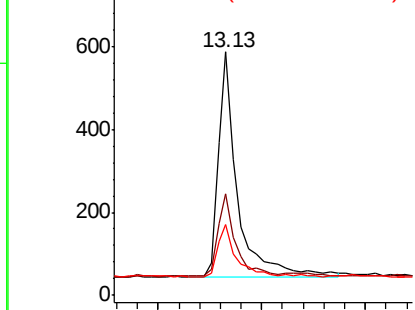
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

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

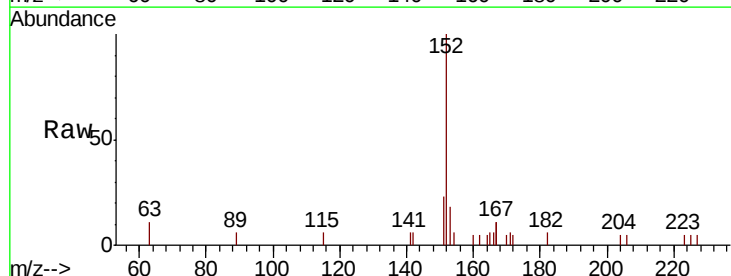


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

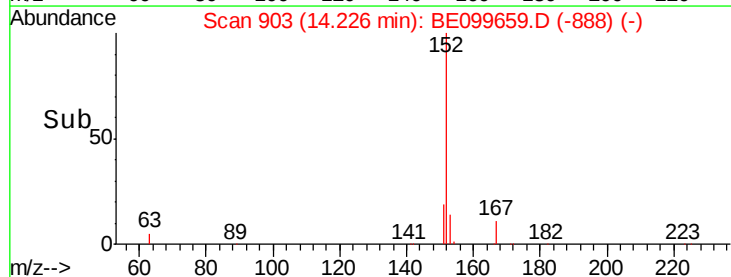
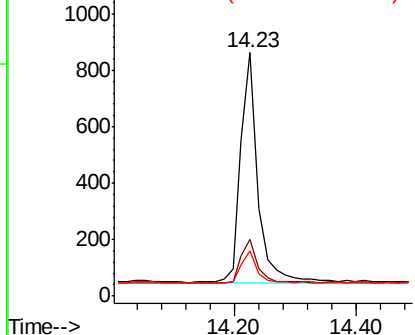


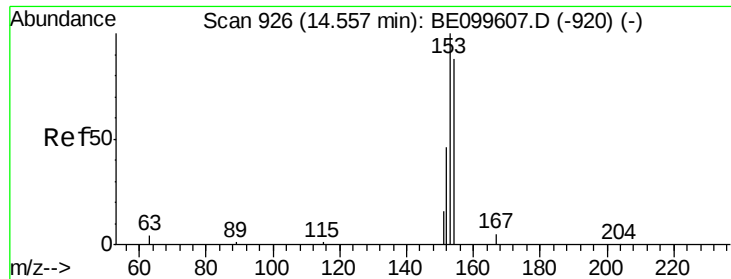
#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

Tgt Ion:152 Resp: 1603
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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

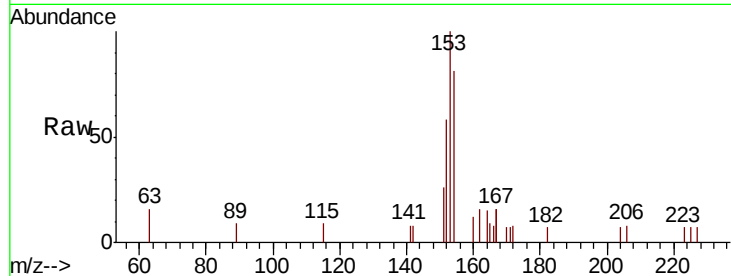
Tot Ion:154 Resp: 891

Ion Ratio Lower Upper

154 100

153 119.1 92.2 138.4

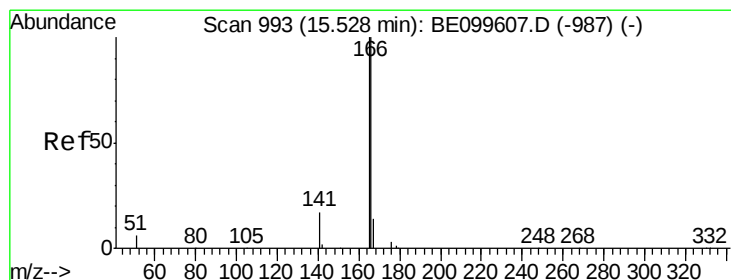
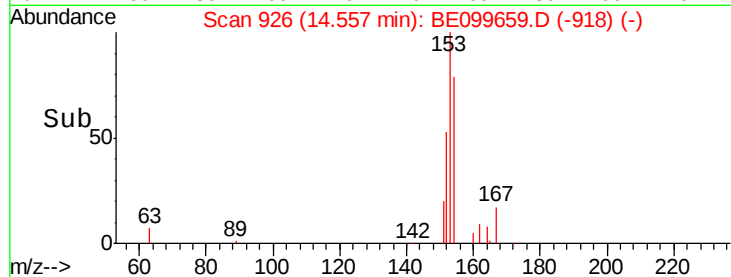
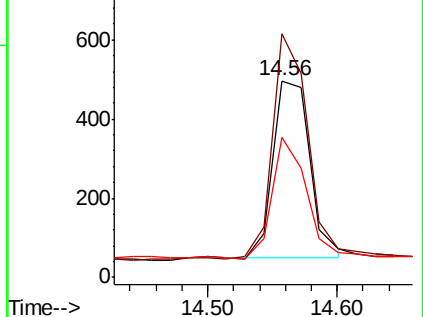
152 63.1 46.2 69.4



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

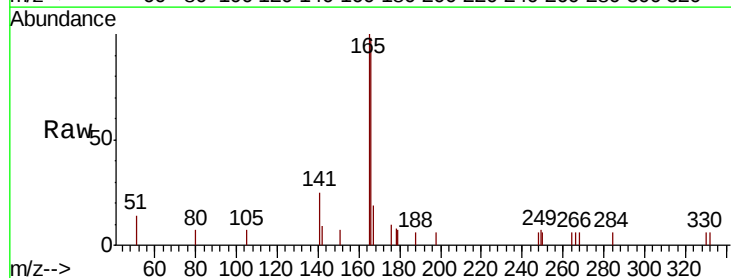
Tgt Ion:166 Resp: 1327

Ion Ratio Lower Upper

166 100

165 102.6 80.3 120.5

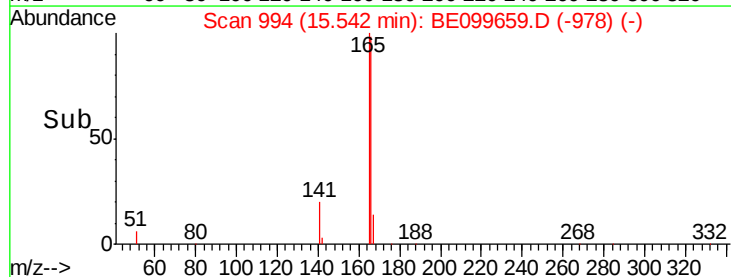
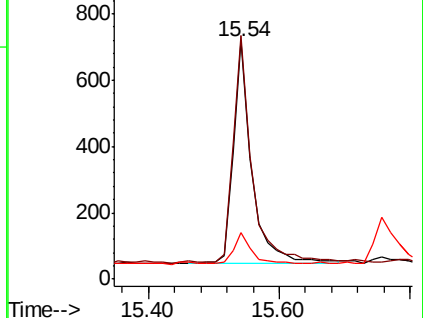
167 14.0 10.6 16.0

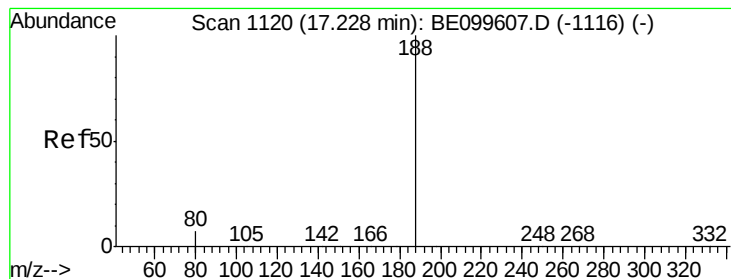


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

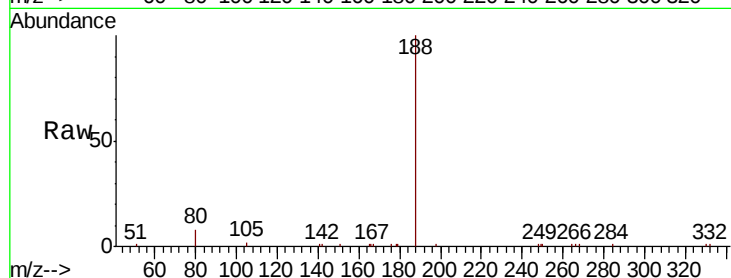
Tot Ion:188 Resp: 12222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

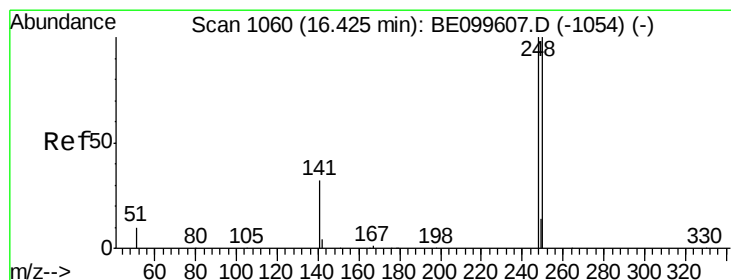
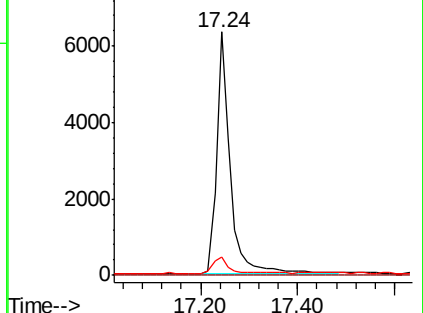
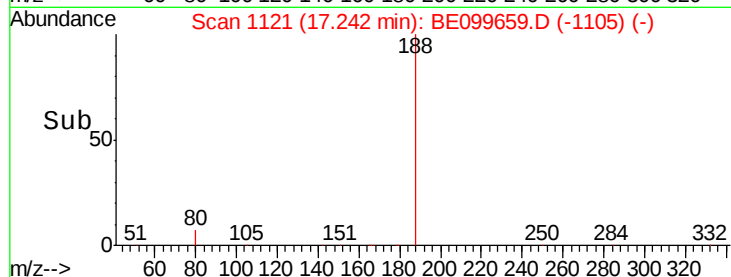
80 7.6 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 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

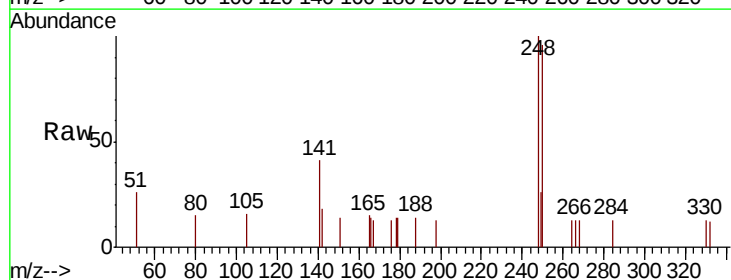
Tgt Ion:248 Resp: 594

Ion Ratio Lower Upper

248 100

250 95.6 79.8 119.8

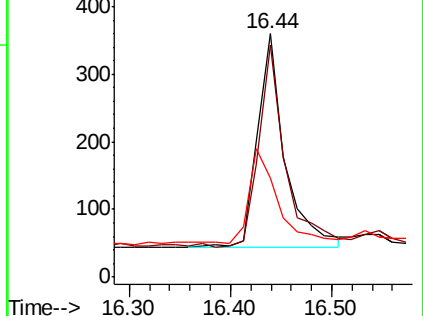
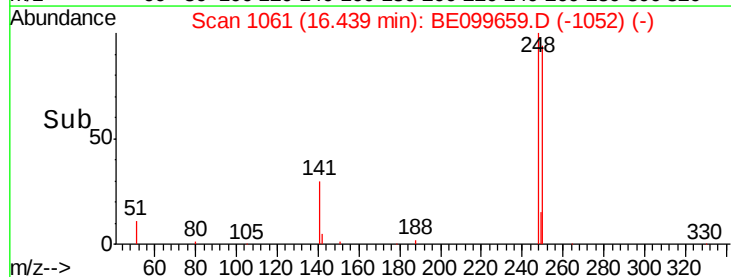
141 40.8 27.0 40.6#

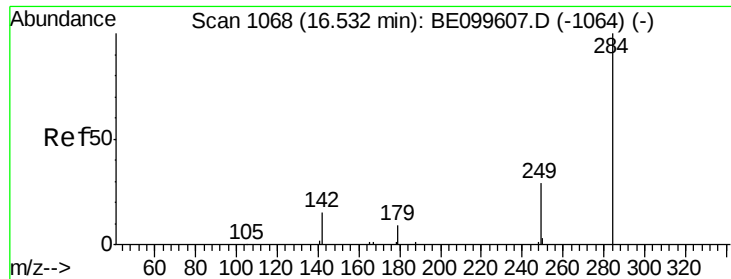


Abundance Ion 248.00 (247.70 to 248.70): E

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

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

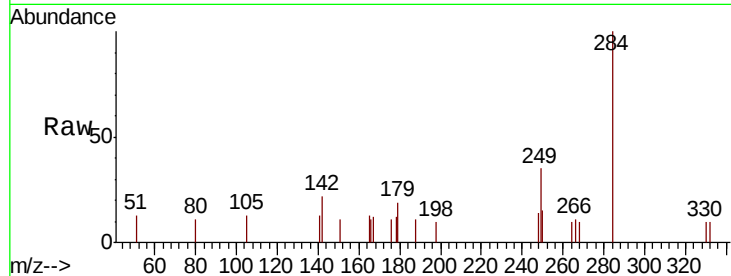
Tot Ion:284 Resp: 650

Ion Ratio Lower Upper

284 100

142 22.9 17.8 26.6

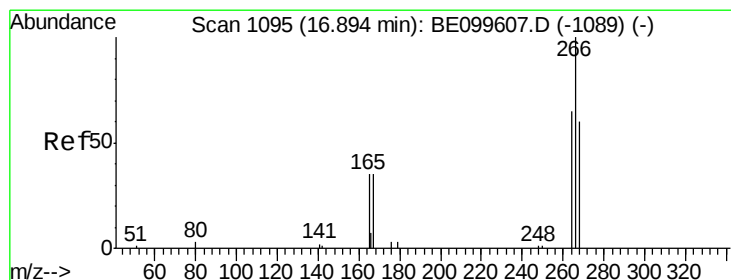
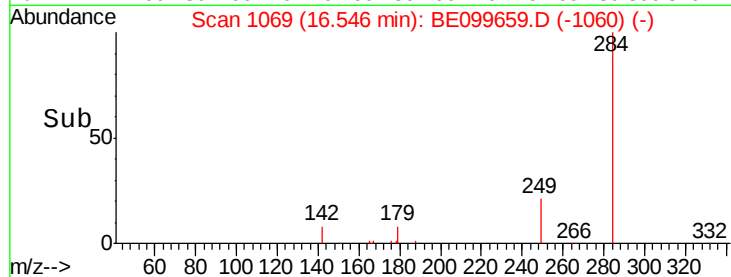
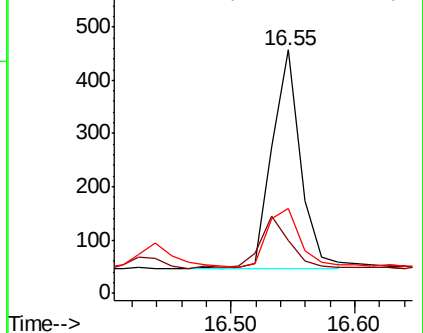
249 31.2 24.8 37.2



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



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099659.D

Acq: 20 May 2019 11:15

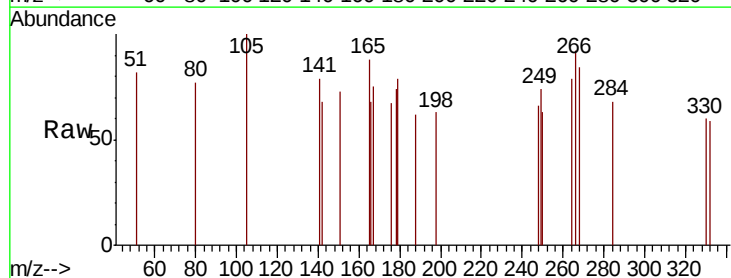
Tgt Ion:266 Resp: 97

Ion Ratio Lower Upper

266 100

264 86.6 57.2 85.8#

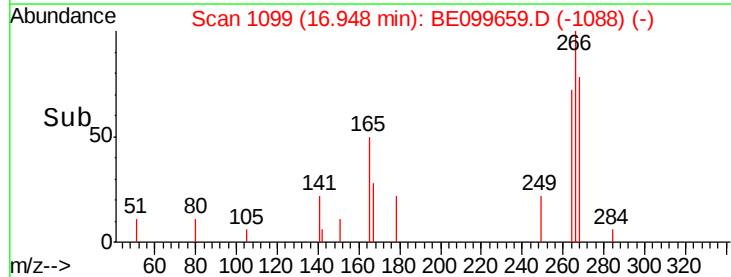
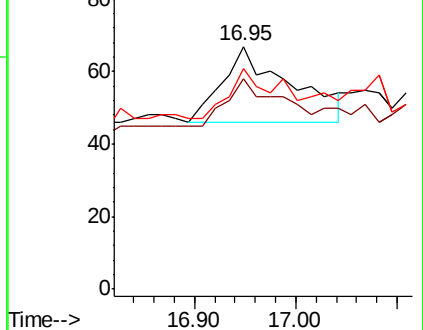
268 91.0 60.5 90.7#



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: 0.091 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

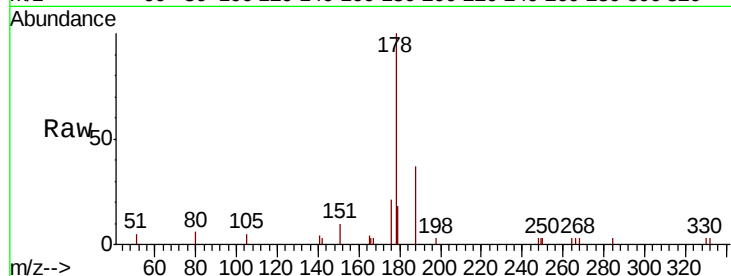
Tot Ion:178 Resp: 2747

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

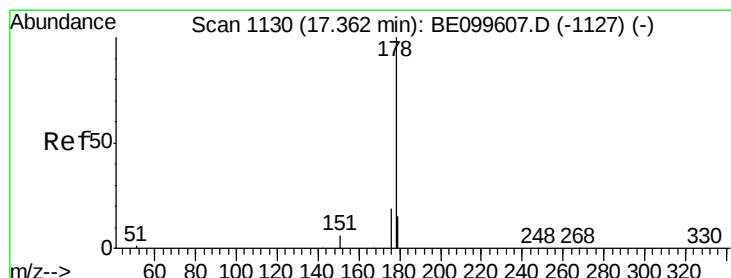
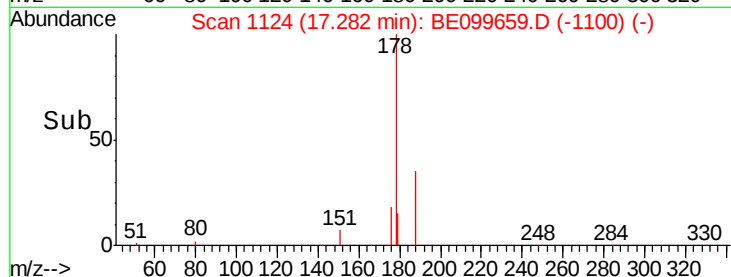
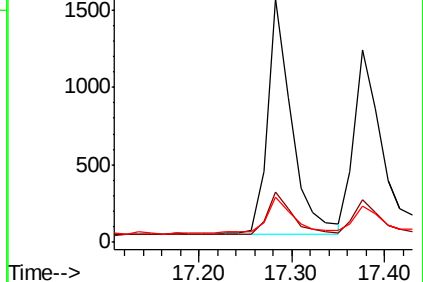
179 17.7 12.2 18.4



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

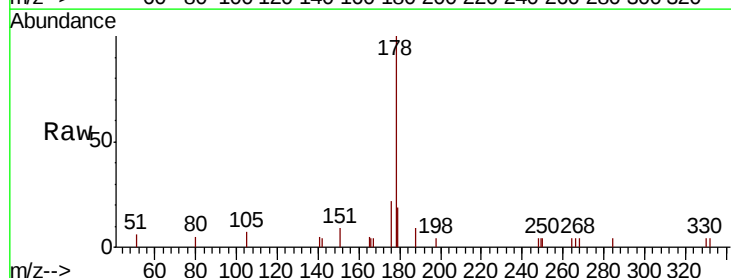
Tgt Ion:178 Resp: 2217

Ion Ratio Lower Upper

178 100

176 19.6 14.7 22.1

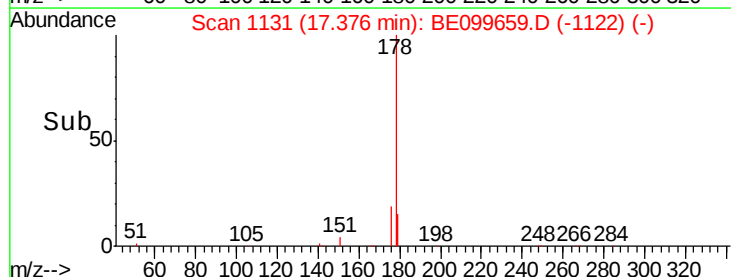
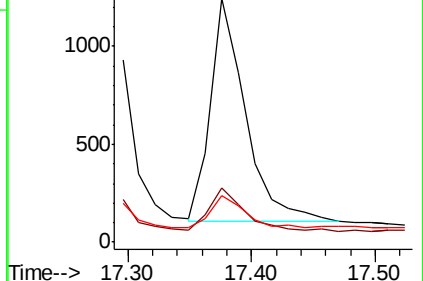
179 14.0 12.0 18.0

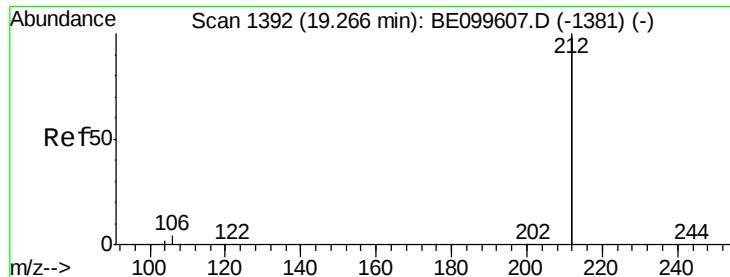


Abundance Ion 178.00 (177.70 to 178.70): E

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

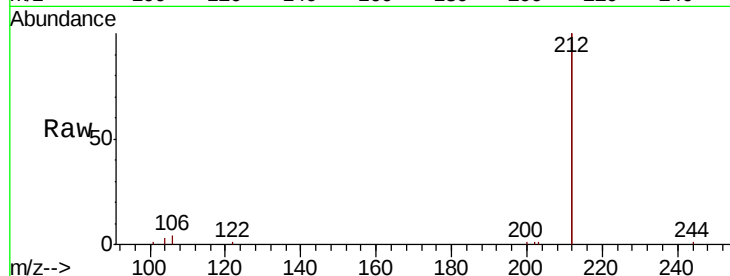
Tot Ion:212 Resp: 15513

Ion Ratio Lower Upper

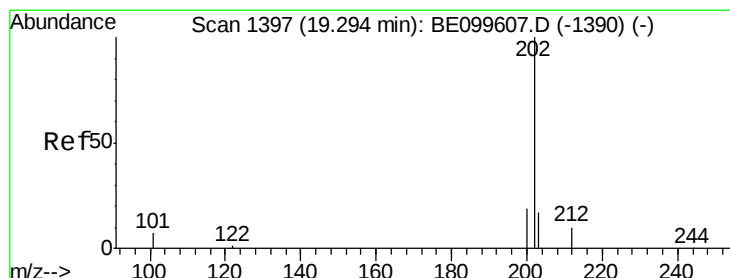
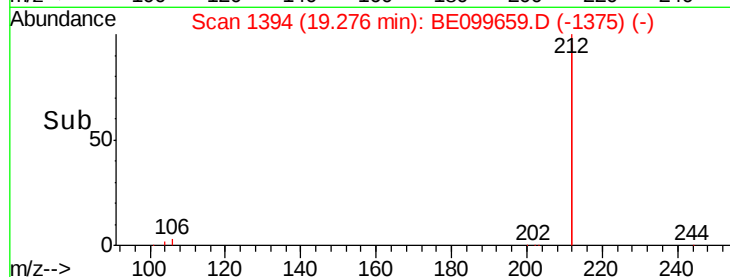
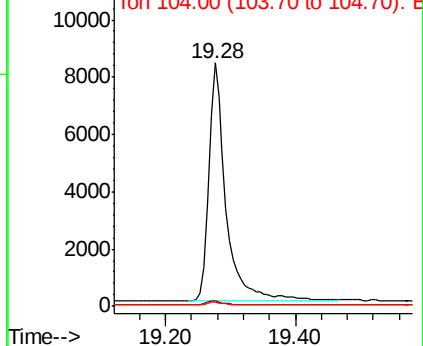
212 100

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

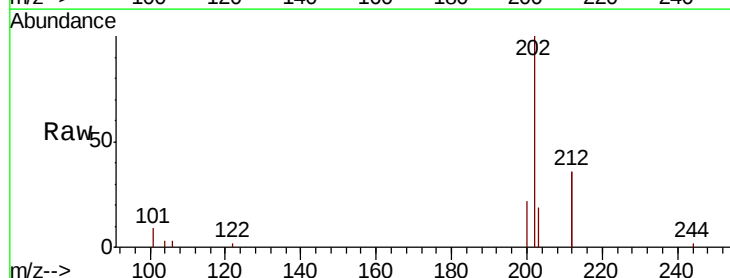
Tgt Ion:202 Resp: 4292

Ion Ratio Lower Upper

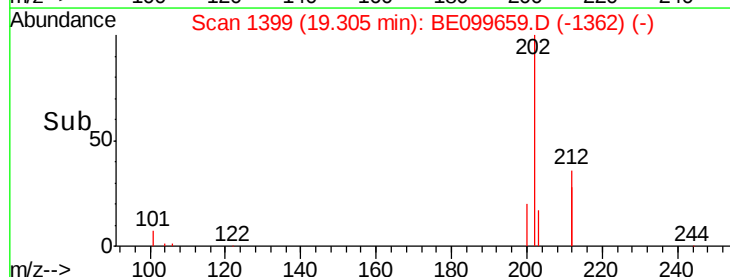
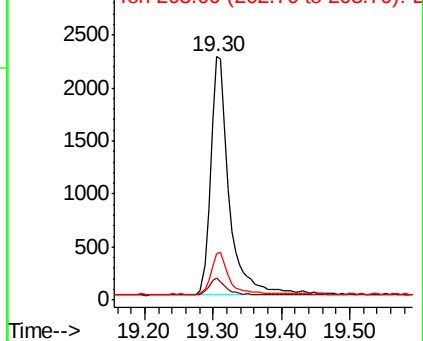
202 100

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

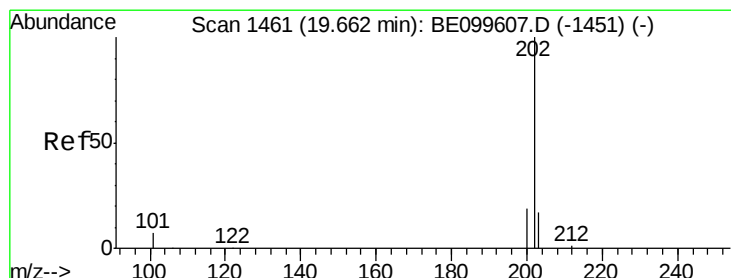
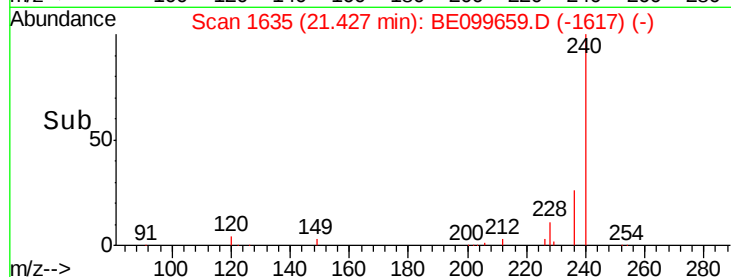
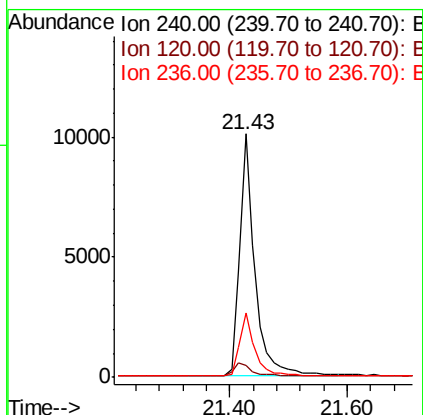
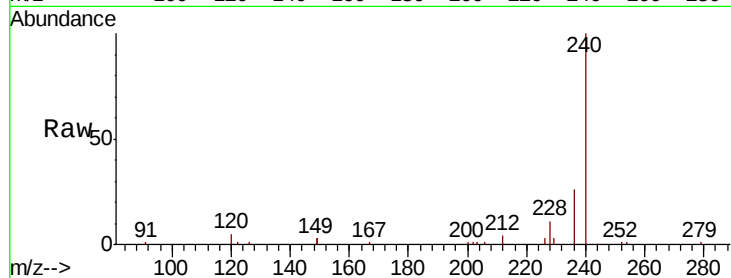




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099659.D
 Acq: 20 May 2019 11:15

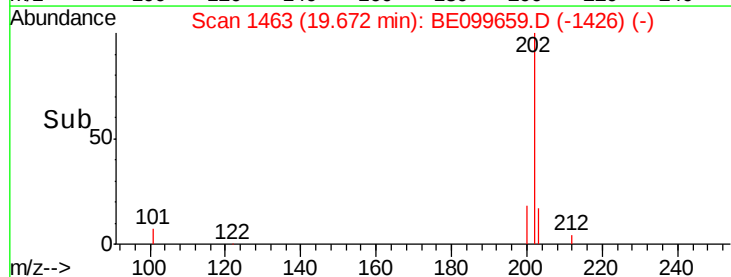
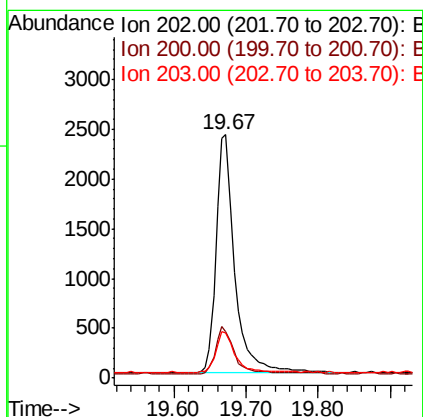
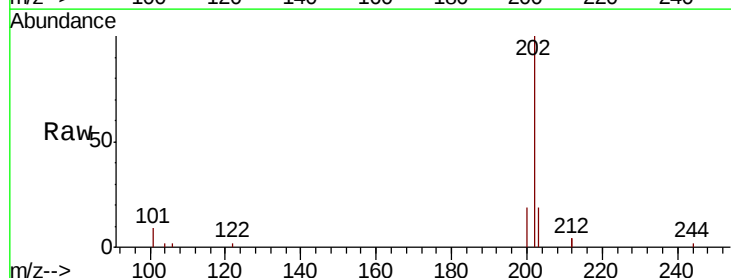
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

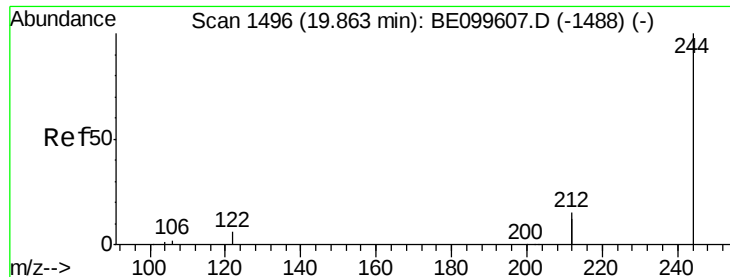
Tot Ion:240 Resp: 18325
 Ion Ratio Lower Upper
 240 100
 120 4.8 5.4 8.0#
 236 26.5 21.7 32.5



#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





#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

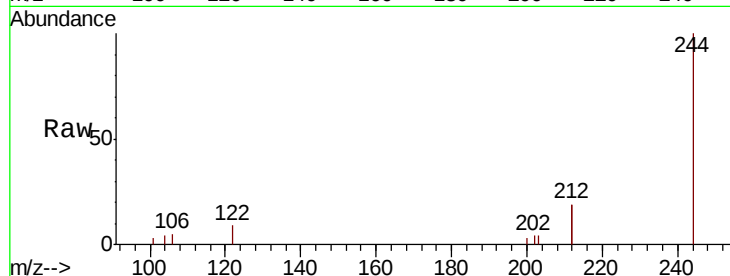
Tot Ion:244 Resp: 2991

Ion Ratio Lower Upper

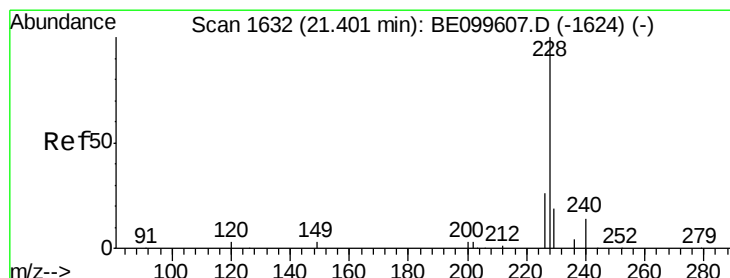
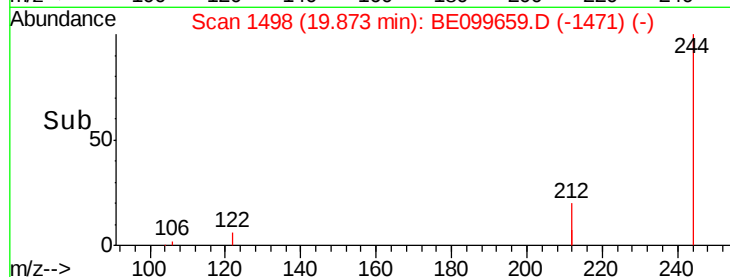
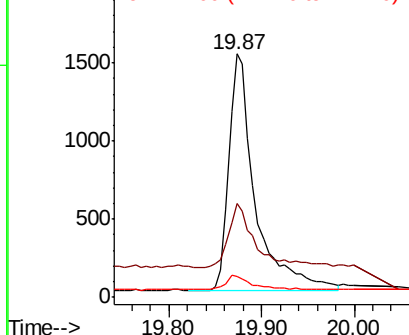
244 100

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

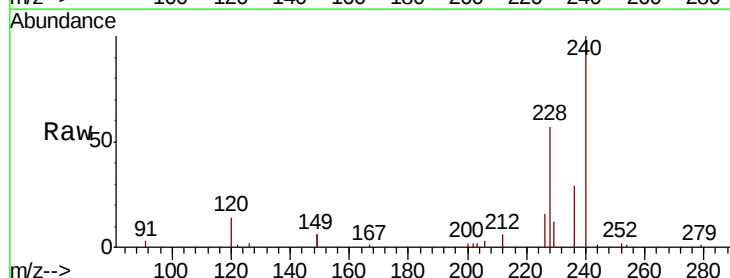
Tgt Ion:228 Resp: 4725

Ion Ratio Lower Upper

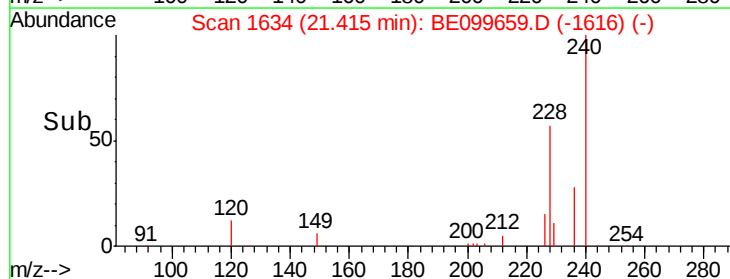
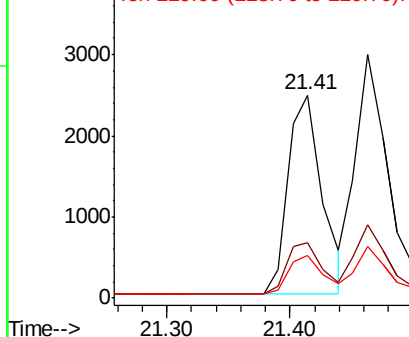
228 100

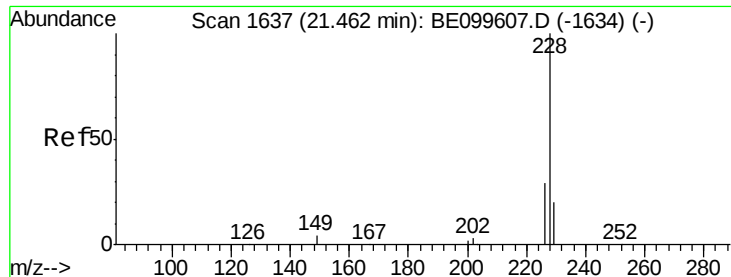
226 27.3 21.3 31.9

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

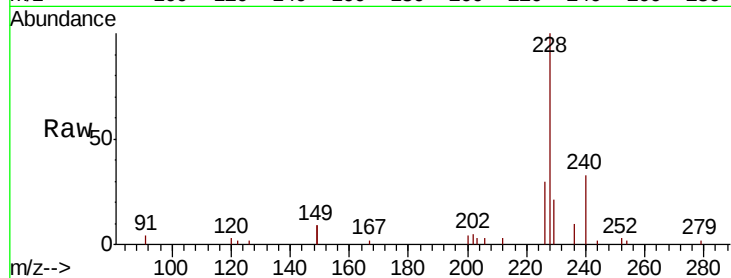
Tot Ion:228 Resp: 5274

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

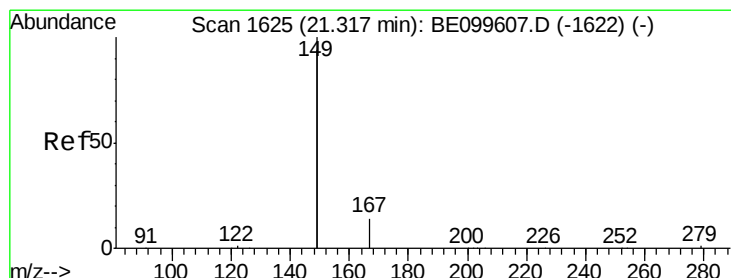
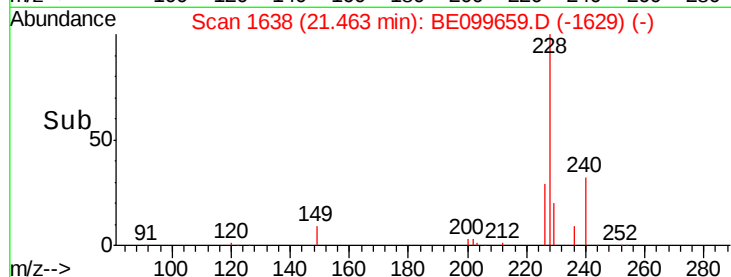
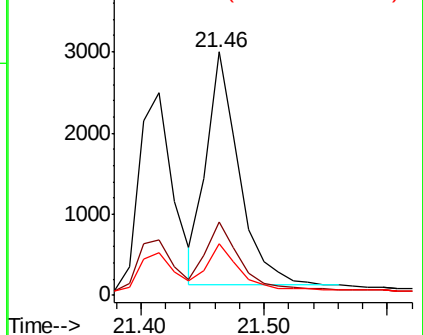
229 21.0 15.8 23.6



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

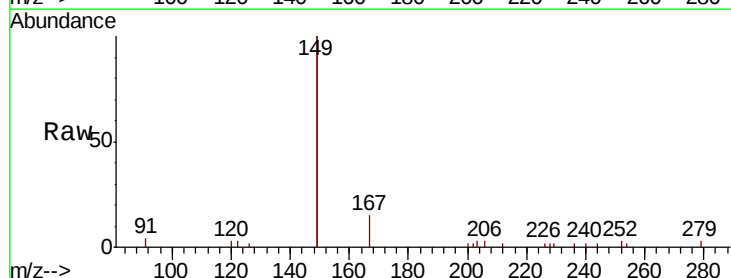
Tgt Ion:149 Resp: 6329

Ion Ratio Lower Upper

149 100

167 7.7 6.2 9.4

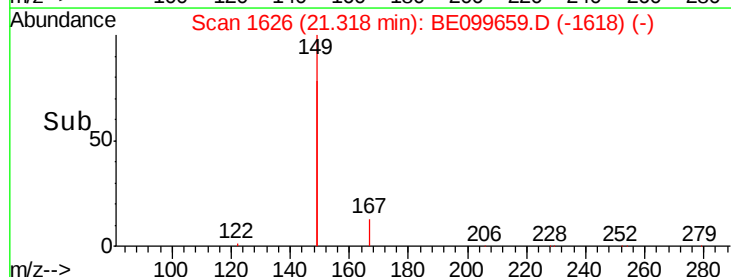
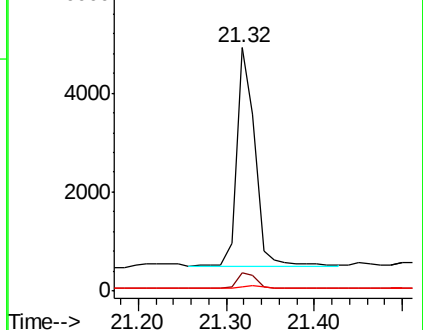
279 1.4 1.2 1.8



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

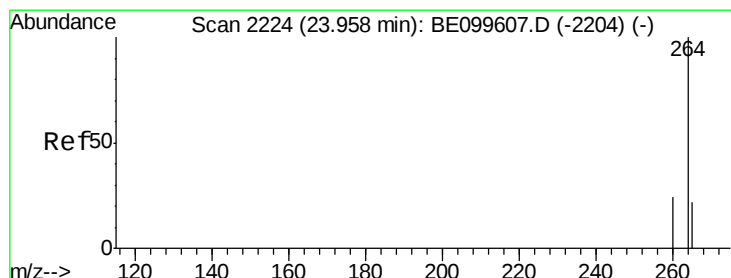
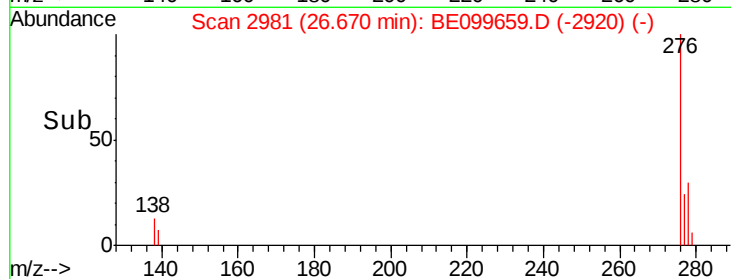
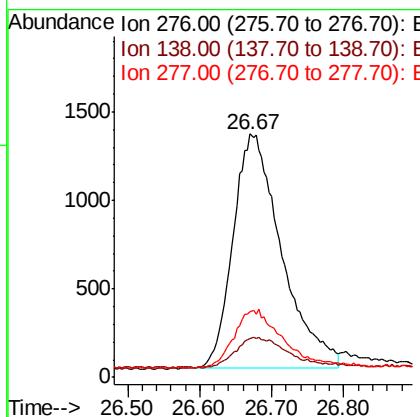
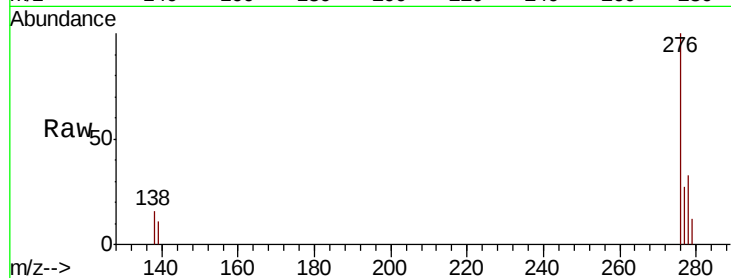




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.02 min
Lab File: BE099659.D
Acq: 20 May 2019 11:15

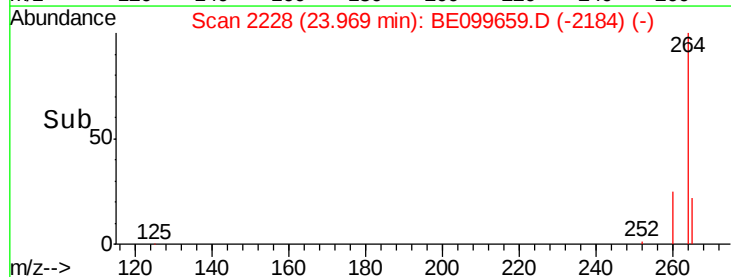
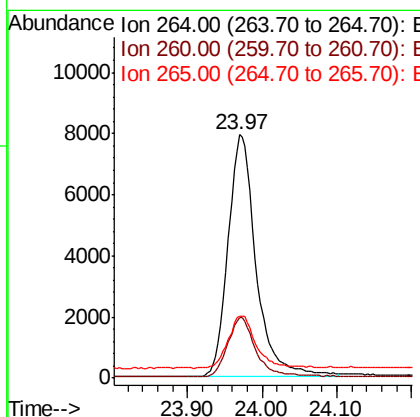
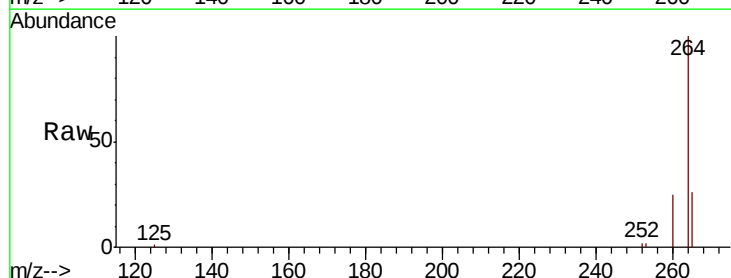
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

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



#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





#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

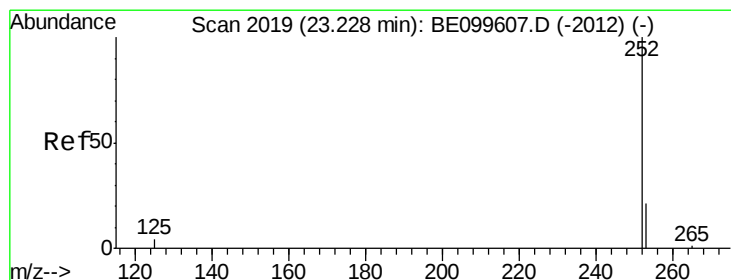
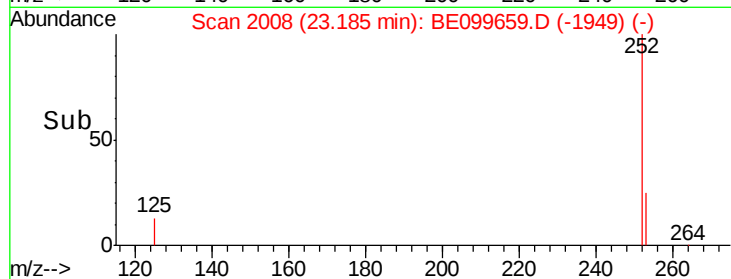
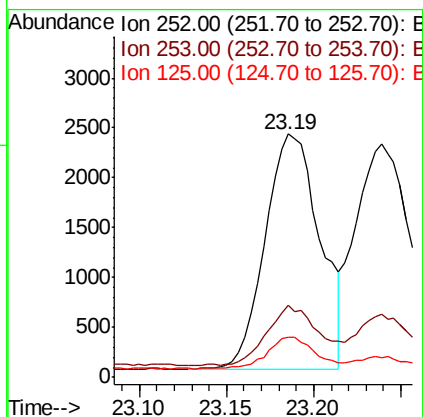
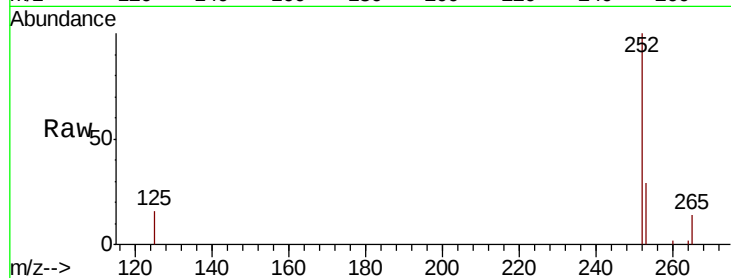
Tot Ion:252 Resp: 5135

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

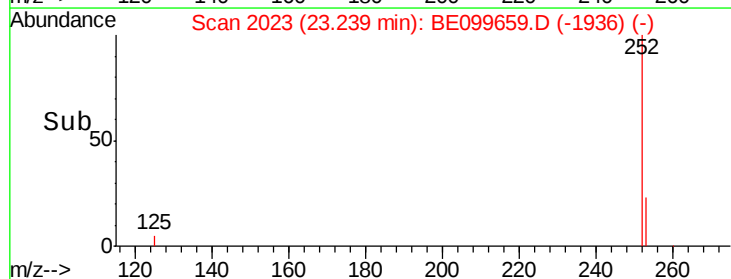
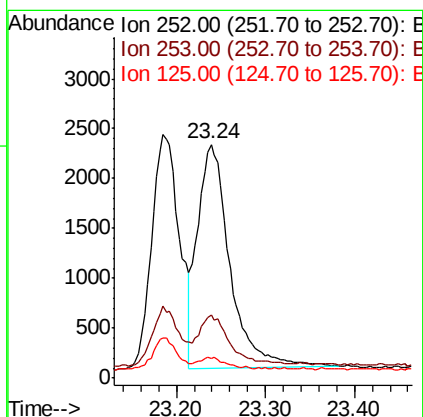
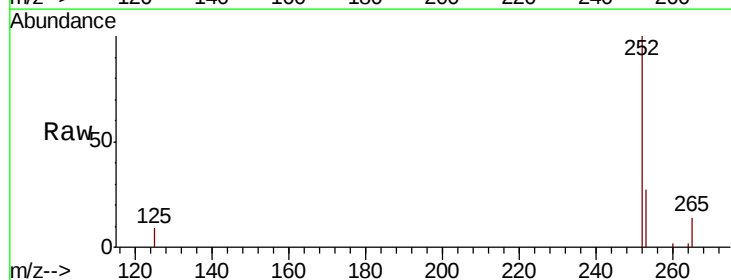
Tgt Ion:252 Resp: 5658

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

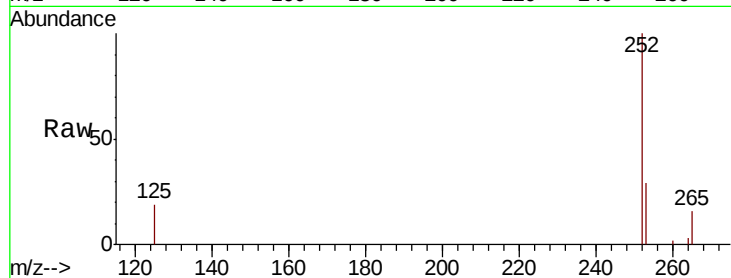
Tot Ion:252 Resp: 5126

Ion Ratio Lower Upper

252 100

253 28.9 18.9 28.3#

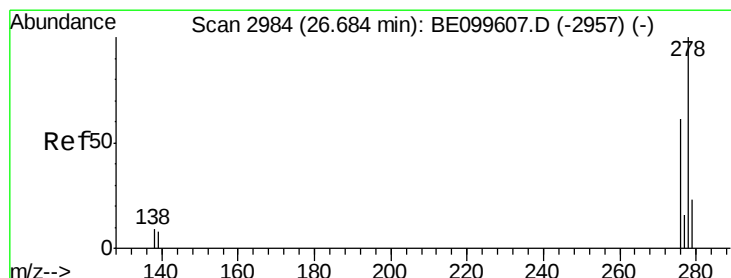
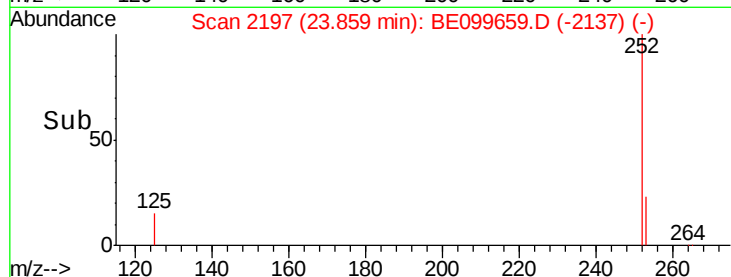
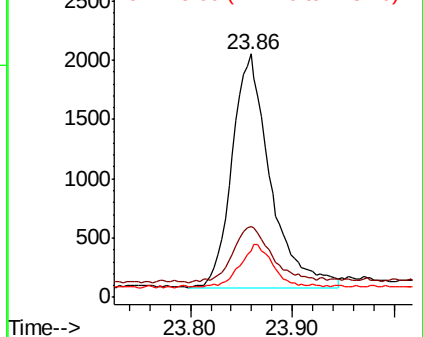
125 19.1 5.4 8.0#



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

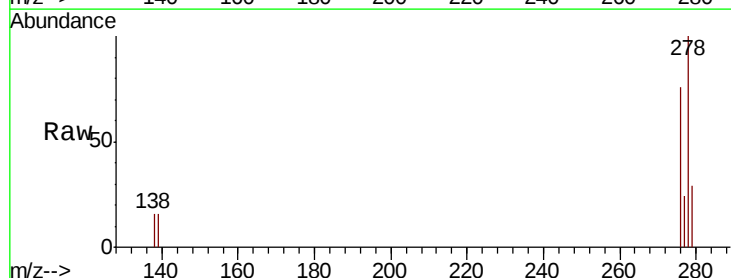
Tgt Ion:278 Resp: 5123

Ion Ratio Lower Upper

278 100

139 15.7 6.9 10.3#

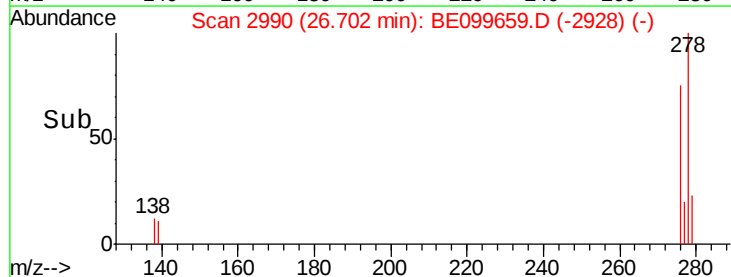
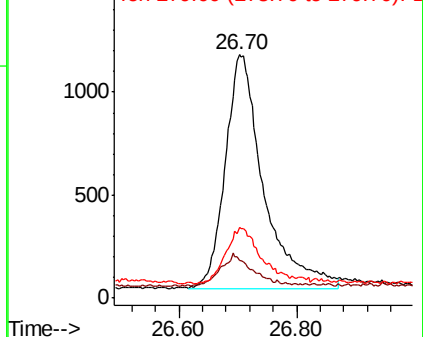
279 29.1 19.2 28.8#

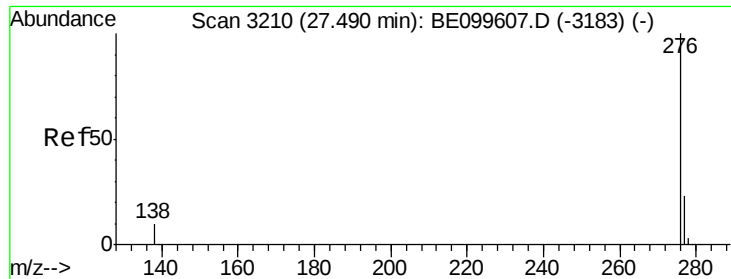


Abundance Ion 278.00 (277.70 to 278.70): E

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

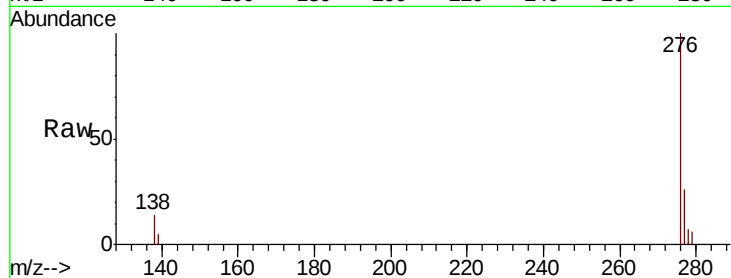
Tot Ion: 276 Resp: 5305

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

