

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099564.D
 Acq On : 7 May 2019 13:13
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

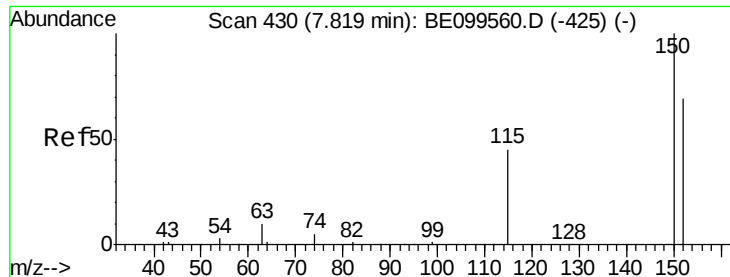
Quant Time: May 07 14:00:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 13:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1691	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6122	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4262	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12079	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17953	0.40	ng	0.00
34) Perylene-d12	23.98	264	19185	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	24530	5.25	ng	0.00
5) Phenol-d6	6.97	99	33288	5.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	33190	5.78	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	54447	4.94	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	15768	5.87	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	84798	5.21	ng	0.00
25) Fluoranthene-d10	19.28	212	850977	5.23	ng	0.00
29) Terphenyl-d14	19.87	244	174937	5.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	11457	4.925	ng	97
3) n-Nitrosodimethylamine	3.62	42	8727	6.224	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	26862	5.008	ng	96
9) Naphthalene	10.68	128	336570	5.045	ng	99
10) Hexachlorobutadiene	10.95	225	24320	5.240	ng	97
12) 2-Methylnaphthalene	12.30	142	58346	5.029	ng	94
16) Acenaphthylene	14.21	152	109583	5.254	ng	100
17) Acenaphthene	14.56	154	60198	5.055	ng	97
18) Fluorene	15.53	166	85966	4.893	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	37131	5.281	ng	91
21) Hexachlorobenzene	16.54	284	35754	5.335	ng	99
22) Pentachlorophenol	16.89	266	19390	6.412	ng	91
23) Phenanthrene	17.28	178	159425	5.115	ng	99
24) Anthracene	17.37	178	156998	5.285	ng	99
26) Fluoranthene	19.30	202	240046	5.142	ng	99
28) Pyrene	19.67	202	247908	5.297	ng	100
30) Benzo(a)anthracene	21.40	228	287899	5.033	ng	96
31) Chrysene	21.46	228	283831	5.071	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	423232	4.255	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	338222	5.112	ng	100
35) Benzo(b)fluoranthene	23.19	252	279831	5.058	ng	# 97
36) Benzo(k)fluoranthene	23.24	252	272272	5.104	ng	# 95
37) Benzo(a)pyrene	23.86	252	264702	5.061	ng	# 96
38) Dibenzo(a,h)anthracene	26.71	278	278911	5.213	ng	# 95
39) Benzo(g,h,i)perylene	27.51	276	275198	5.134	ng	99

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

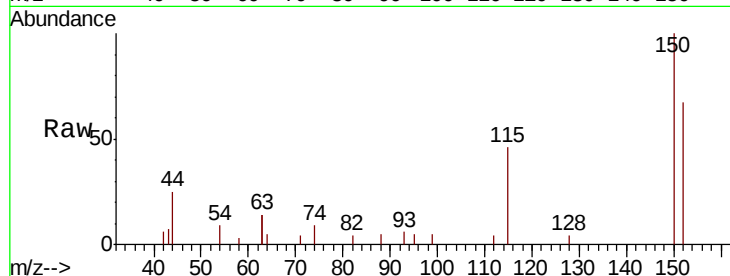


#1

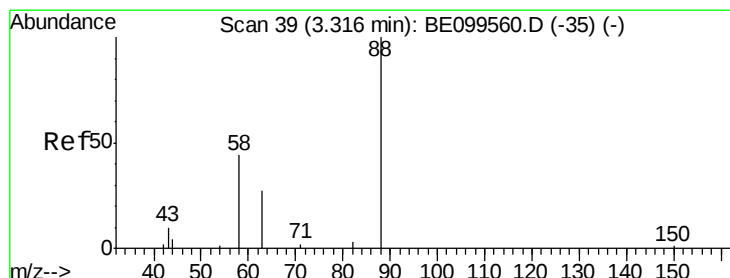
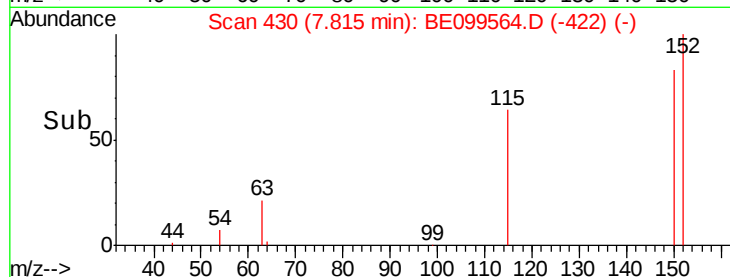
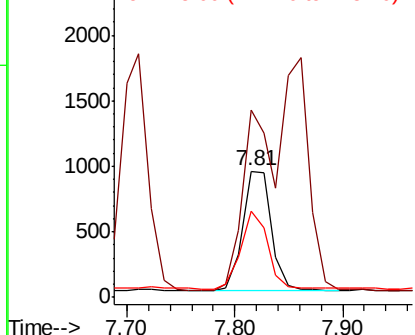
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 1691
Ion Ratio Lower Upper
152 100
150 148.3 113.8 170.6
115 68.3 54.2 81.2



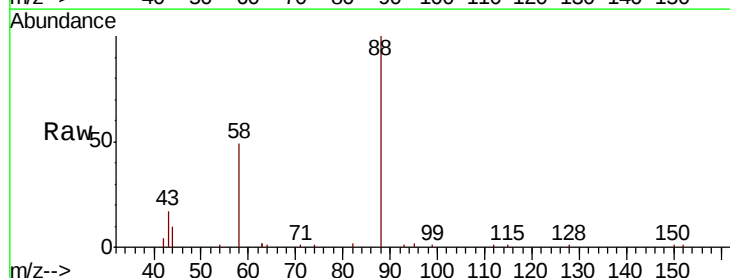
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



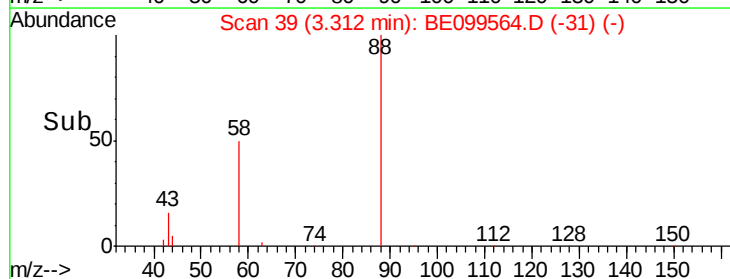
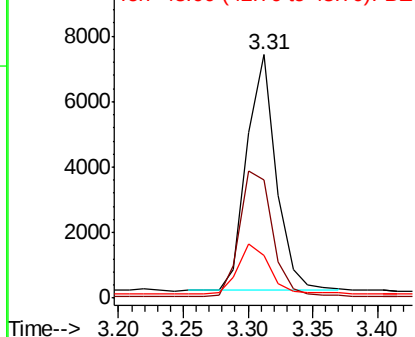
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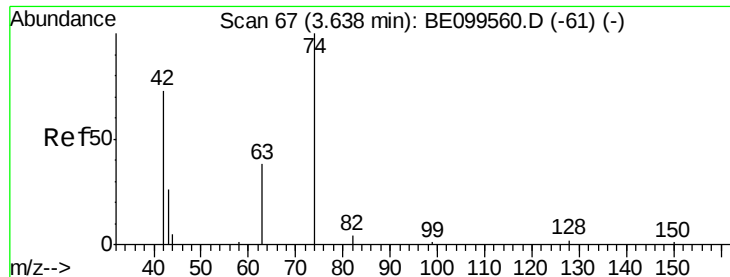
1,4-Dioxane
Concen: 4.925 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion: 88 Resp: 11457
Ion Ratio Lower Upper
88 100
58 58.8 46.6 69.8
43 21.8 20.3 30.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



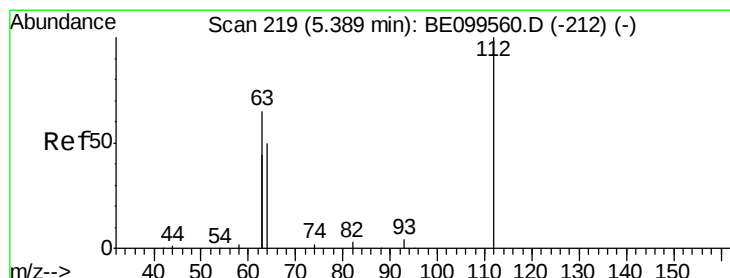
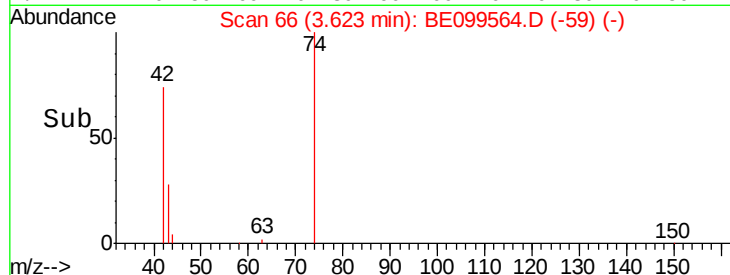
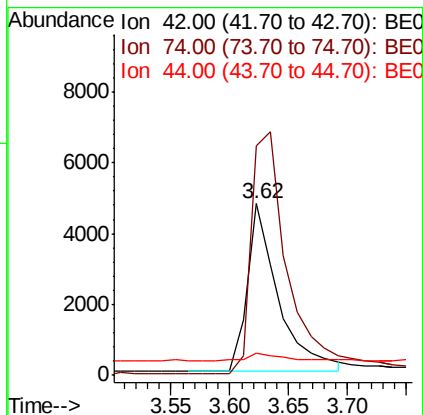
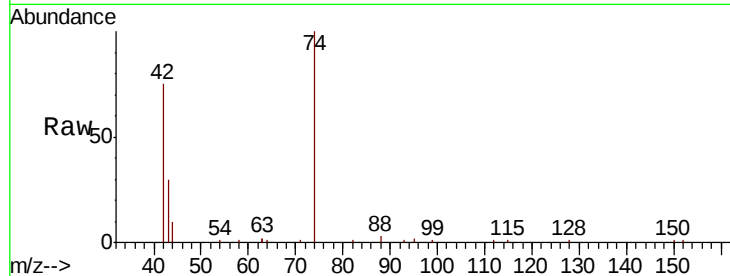


#3

n-Nitrosodimethylamine
 Concen: 6.224 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: BE099564.D
 Acq: 7 May 2019 13:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

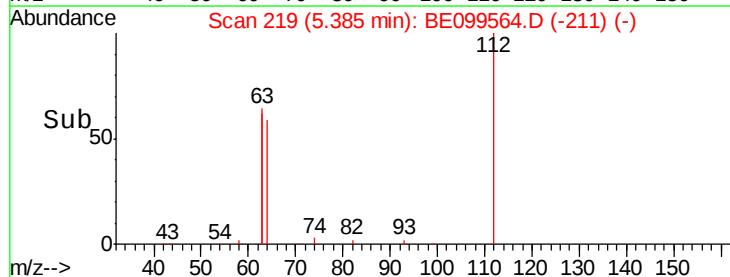
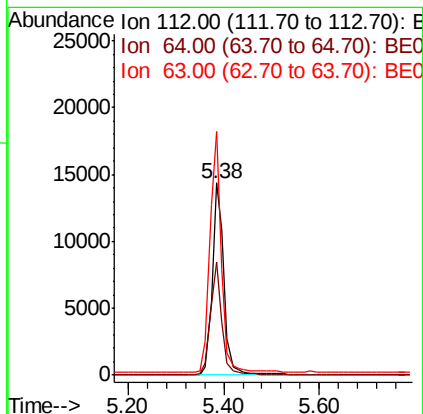
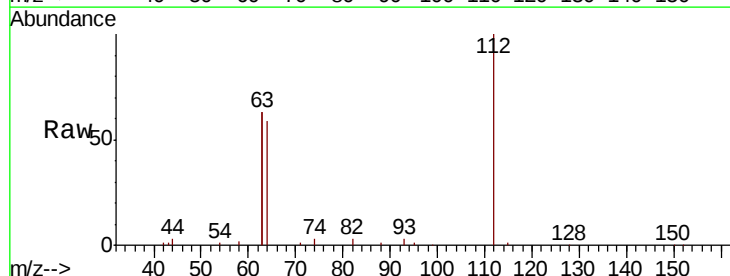
Tot Ion: 42 Resp: 8727
 Ion Ratio Lower Upper
 42 100
 74 166.5 121.3 181.9
 44 5.6 0.0 0.0#

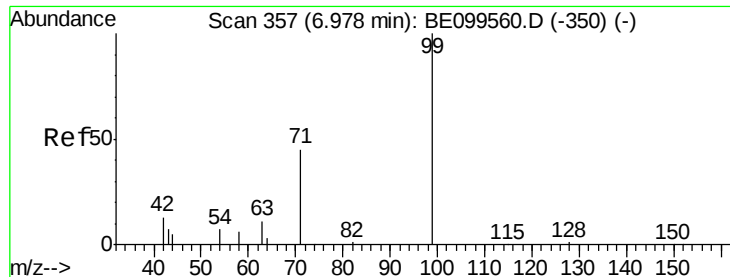


#4

2-Fluorophenol
 Concen: 5.246 ng
 RT: 5.38 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099564.D
 Acq: 7 May 2019 13:13

Tgt Ion: 112 Resp: 24530
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.3 69.5
 63 123.3 99.6 149.4





#5

Phenol-d6

Concen: 5.353 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

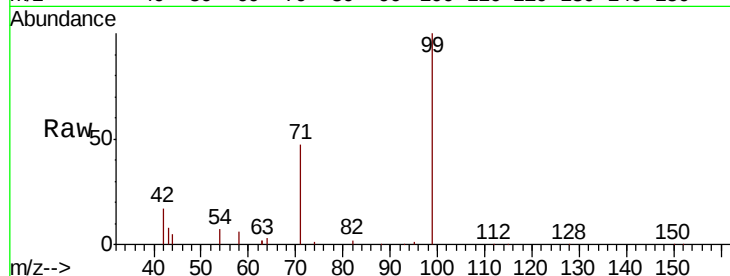
Tot Ion: 99 Resp: 33288

Ion Ratio Lower Upper

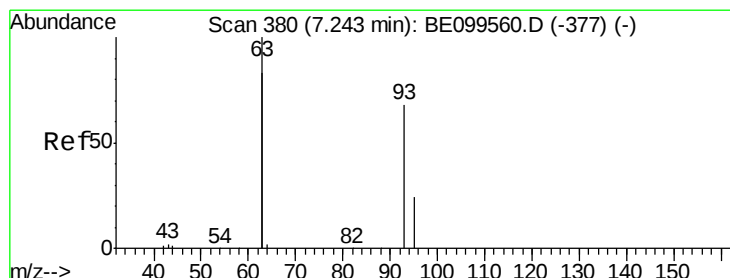
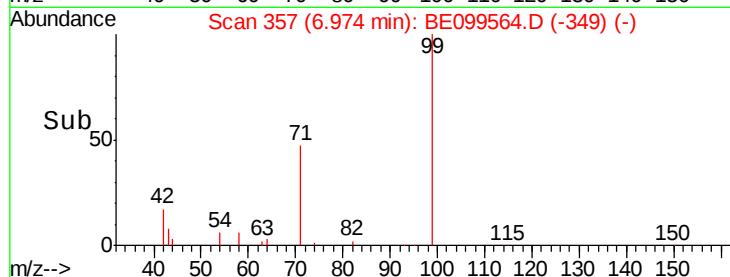
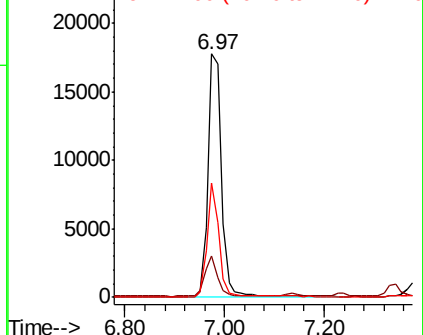
99 100

42 15.7 13.4 20.0

71 40.7 34.2 51.2



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: 5.008 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

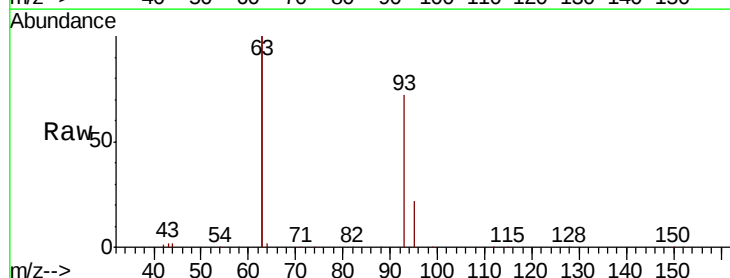
Tgt Ion: 93 Resp: 26862

Ion Ratio Lower Upper

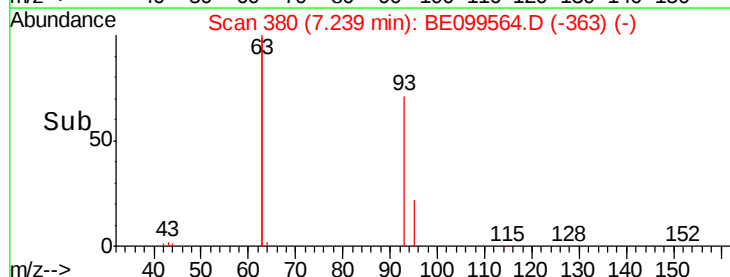
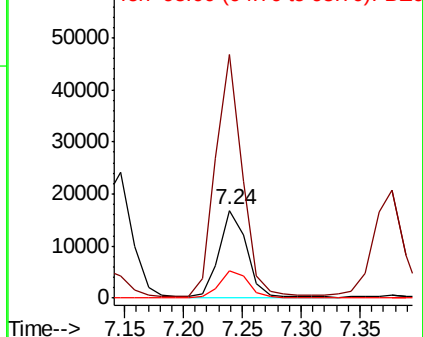
93 100

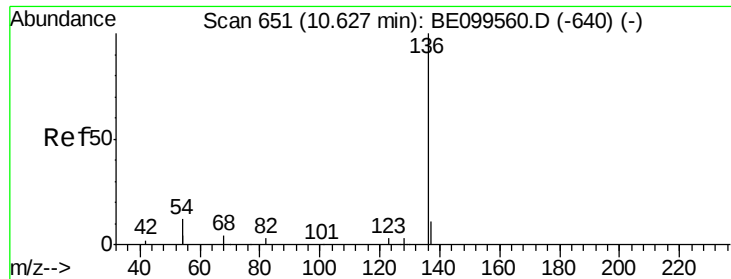
63 269.5 209.0 313.4

95 31.8 26.9 40.3



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: 10.63 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 6122

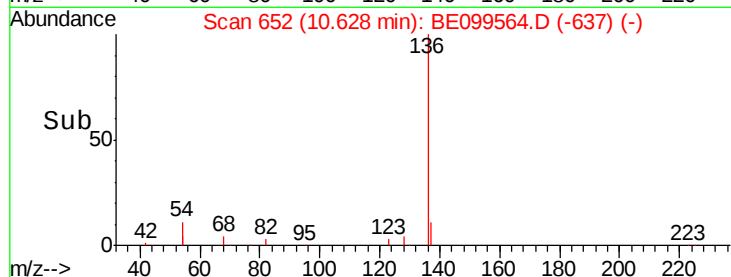
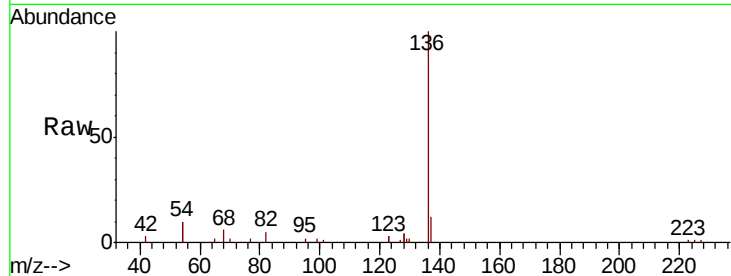
Ion Ratio Lower Upper

136 100

137 12.1 10.0 15.0

54 21.0 18.6 28.0

68 5.7 4.6 6.8

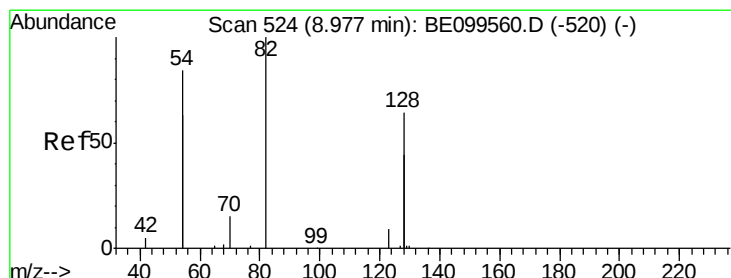
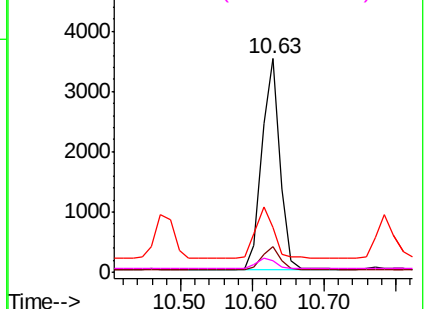


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.784 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

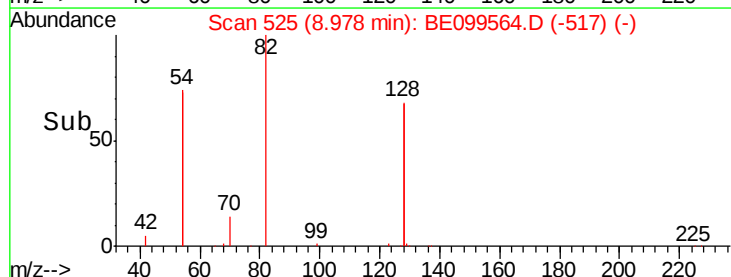
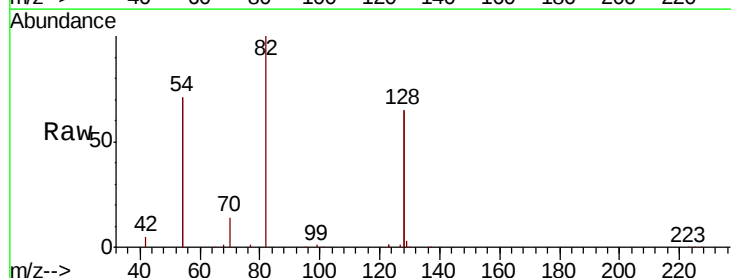
Tgt Ion: 82 Resp: 33190

Ion Ratio Lower Upper

82 100

128 130.6 97.6 146.4

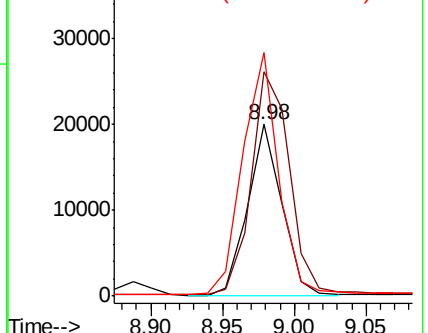
54 142.0 127.4 191.2

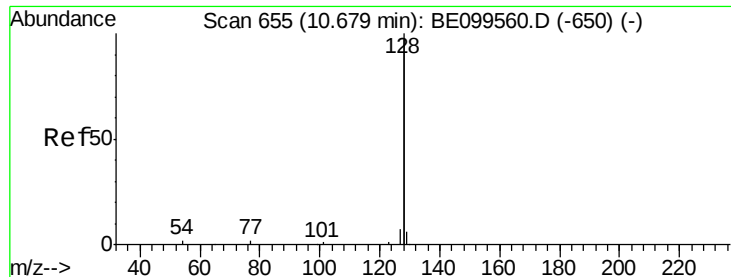


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 5.045 ng

RT: 10.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

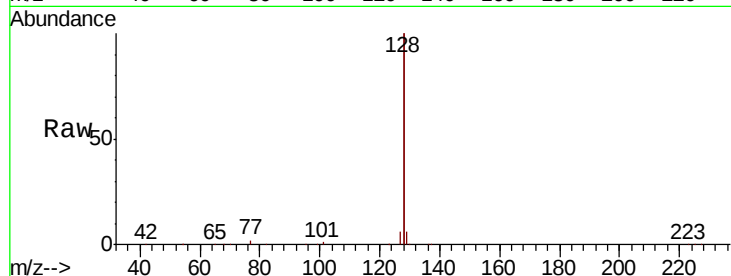
Tot Ion:128 Resp: 336570

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

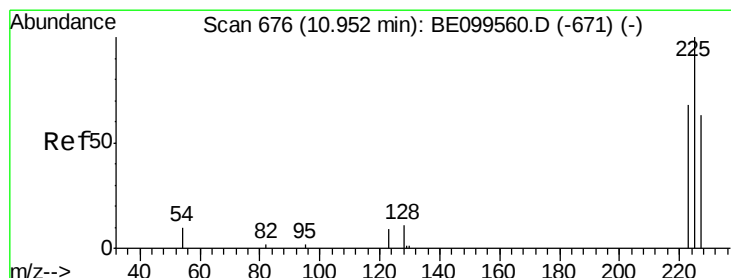
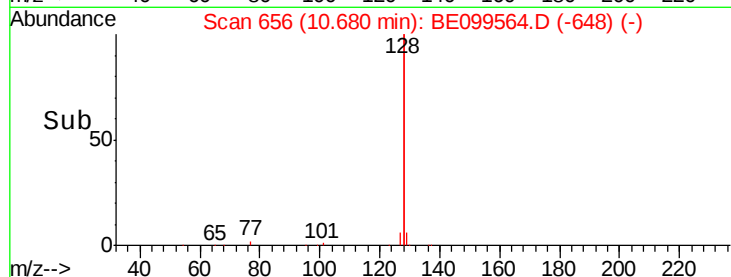
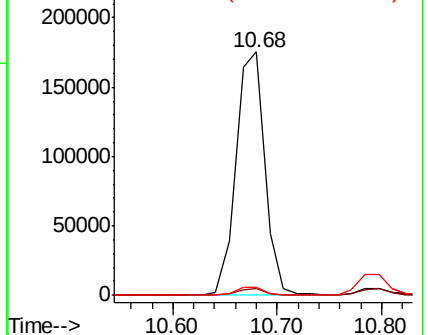
127 3.2 3.0 4.4



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: 5.240 ng

RT: 10.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

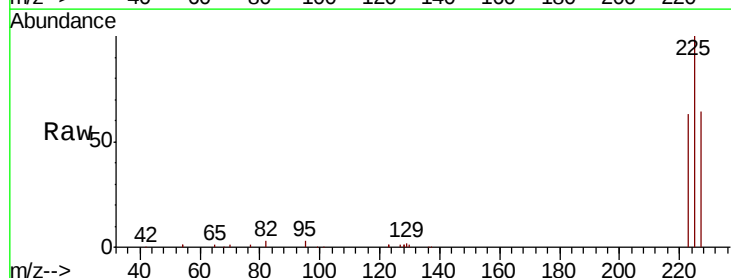
Tgt Ion:225 Resp: 24320

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

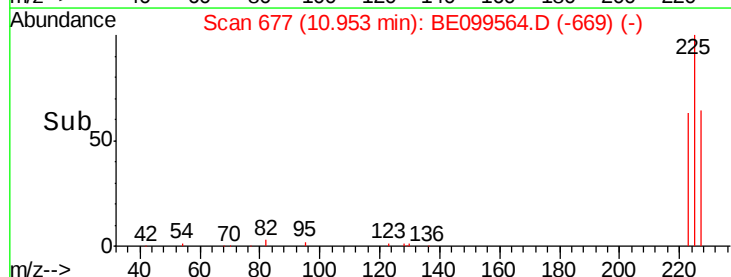
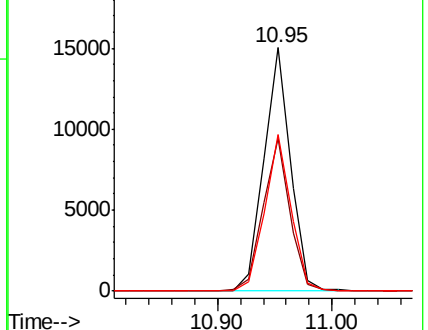
227 63.4 51.4 77.0

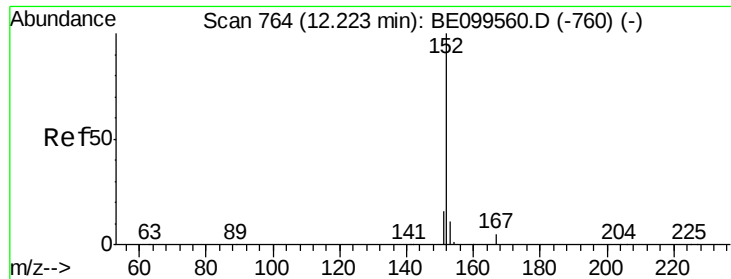


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

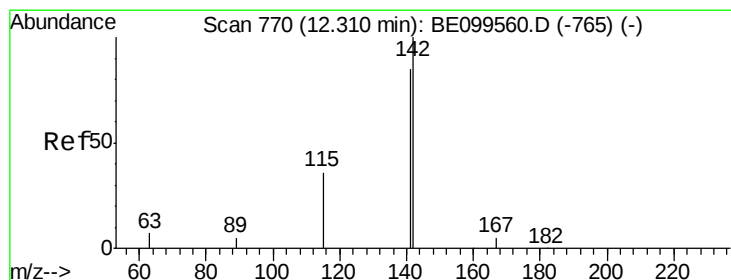
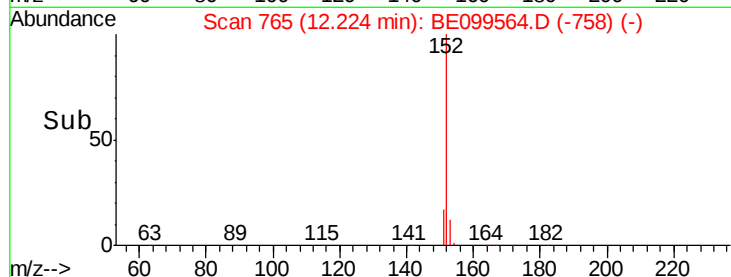
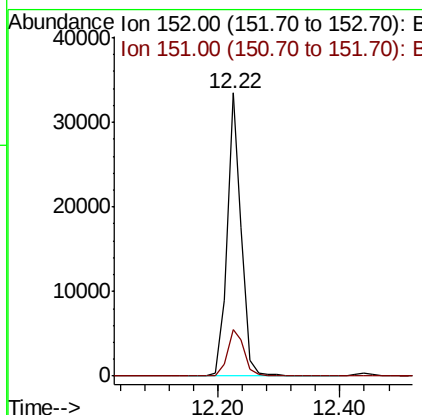
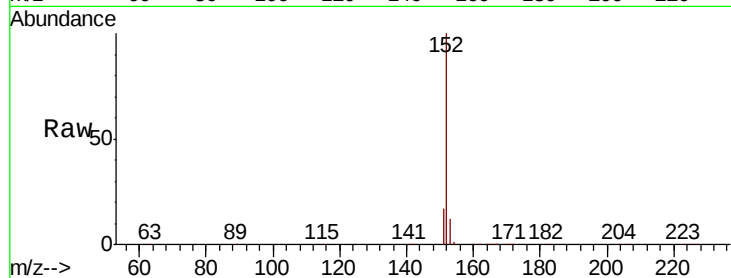




#11
 2-Methylnaphthalene-d10
 Concen: 4.936 ng
 RT: 12.22 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE099564.D
 Acq: 7 May 2019 13:13

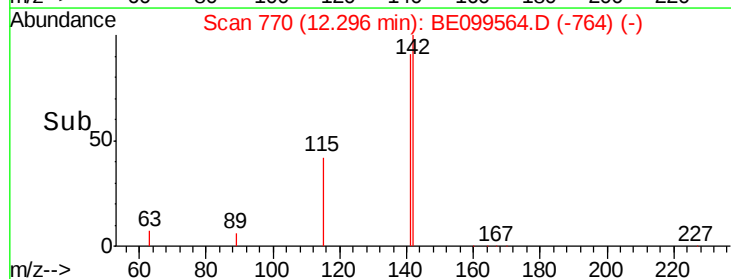
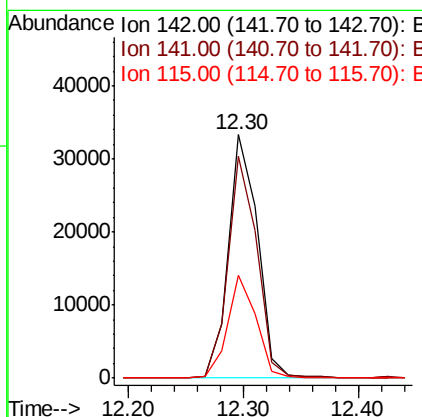
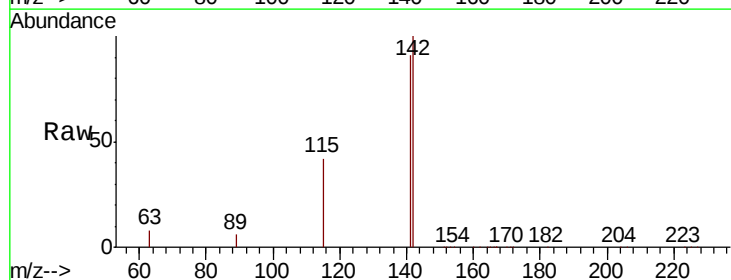
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

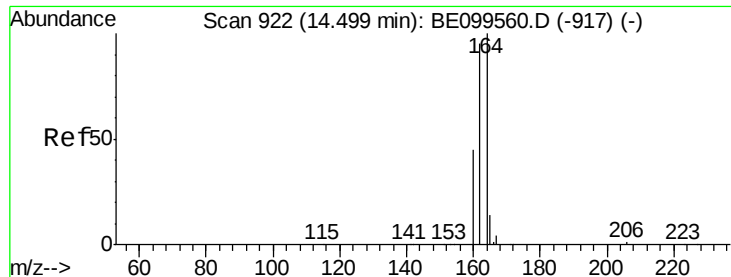
Tot Ion:152 Resp: 54447
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 5.029 ng
 RT: 12.30 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BE099564.D
 Acq: 7 May 2019 13:13

Tgt Ion:142 Resp: 58346
 Ion Ratio Lower Upper
 142 100
 141 91.1 68.1 102.1
 115 42.1 30.8 46.2

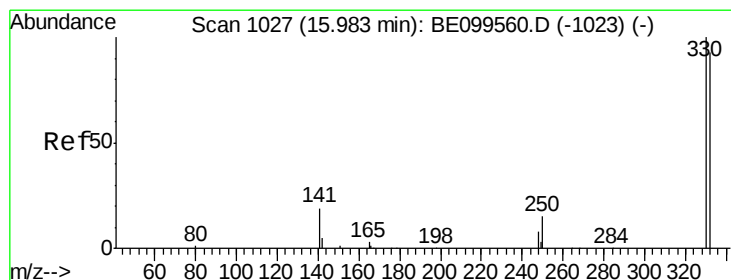
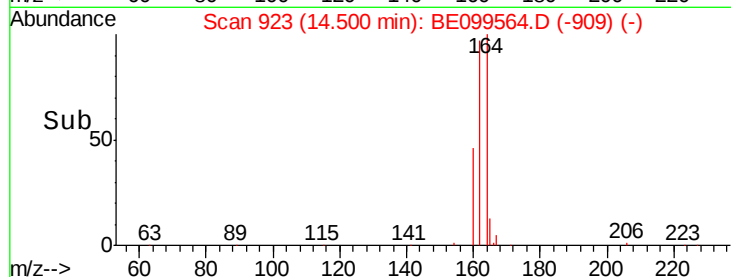
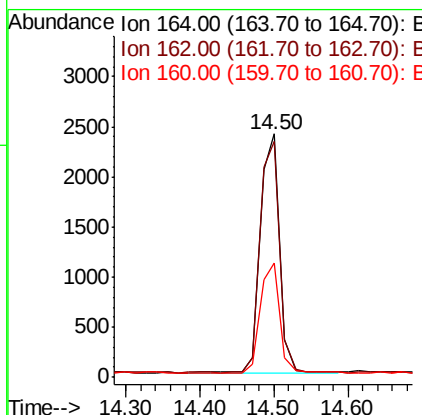
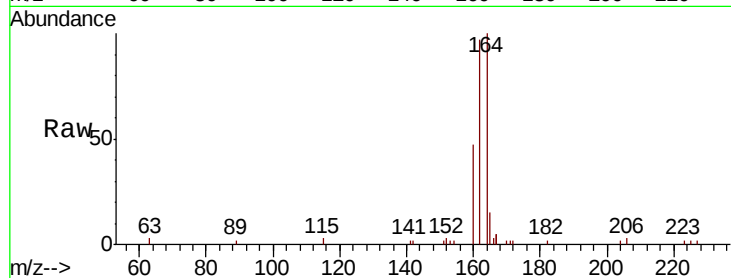




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

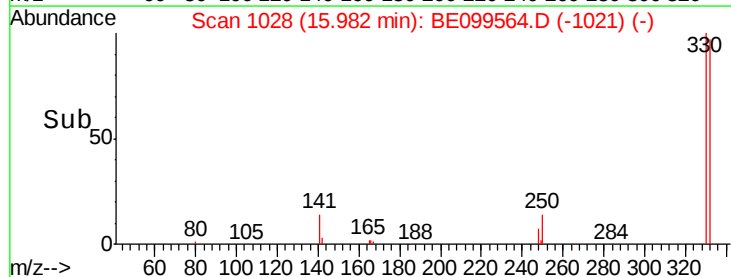
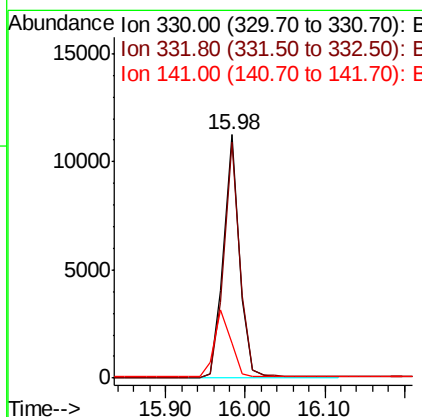
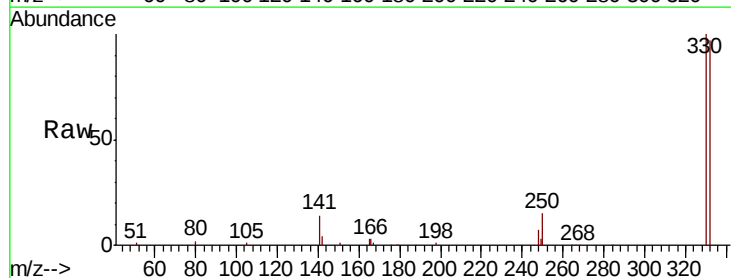
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

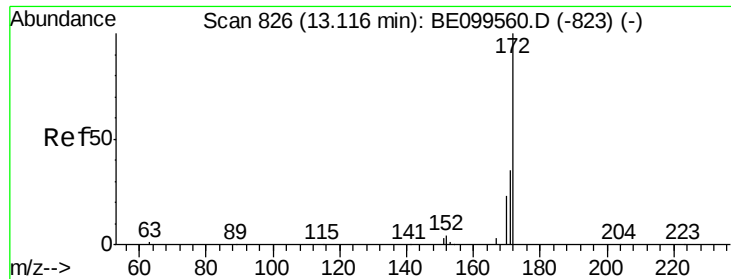
Tot Ion:164 Resp: 4262
Ion Ratio Lower Upper
164 100
162 96.8 76.4 114.6
160 46.7 36.6 55.0



#14
2,4,6-Tribromophenol
Concen: 5.873 ng
RT: 15.98 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:330 Resp: 15768
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 28.5 26.1 39.1

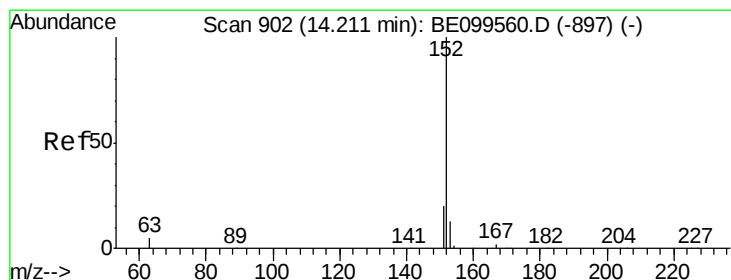
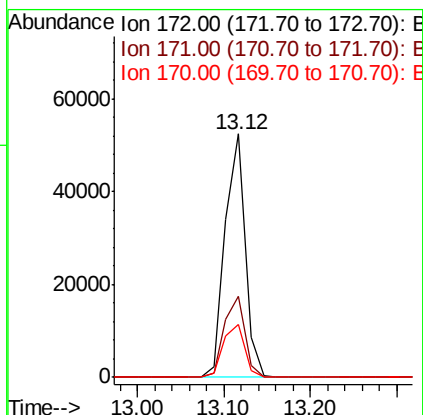
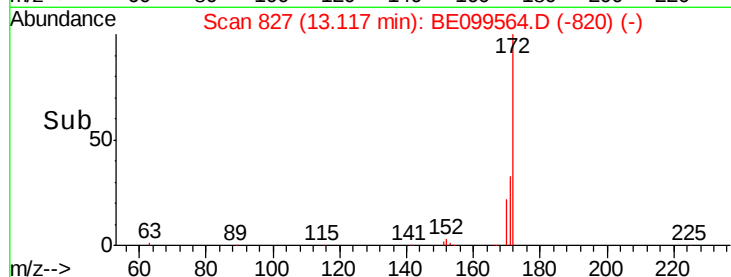
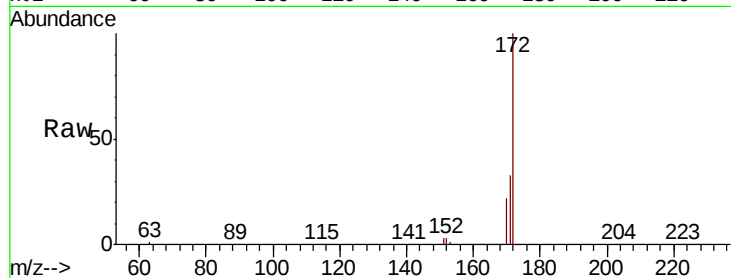




#15
2-Fluorobiphenyl
Concen: 5.215 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

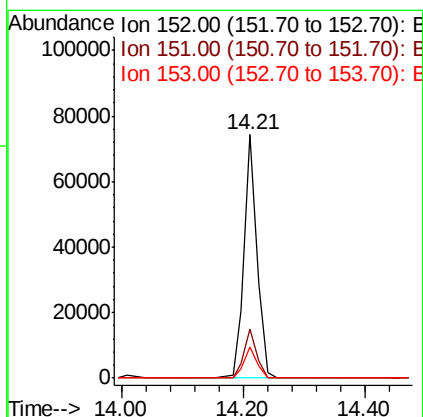
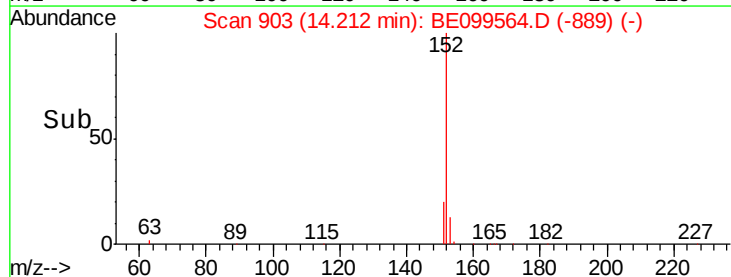
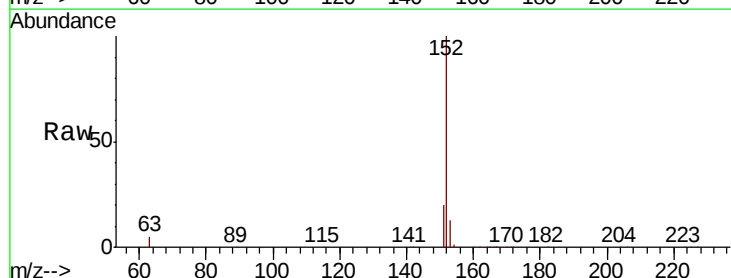
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

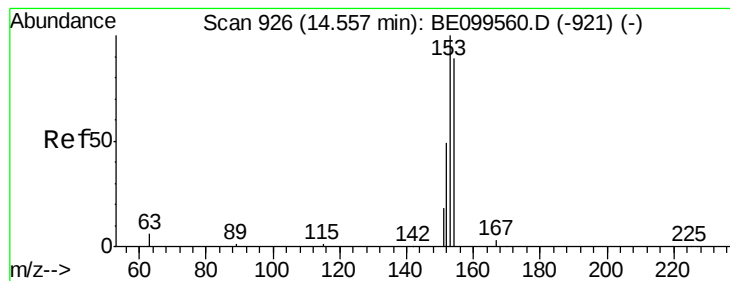
Tot Ion:172 Resp: 84798
Ion Ratio Lower Upper
172 100
171 33.2 28.4 42.6
170 22.0 18.8 28.2



#16
Acenaphthylene
Concen: 5.254 ng
RT: 14.21 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:152 Resp: 109583
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 5.055 ng

RT: 14.56 min Scan# 927

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

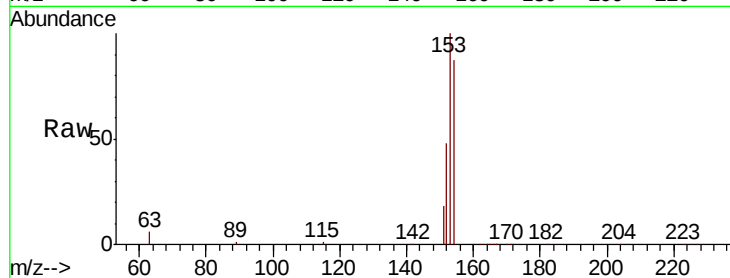
Tot Ion:154 Resp: 60198

Ion Ratio Lower Upper

154 100

153 115.5 89.7 134.5

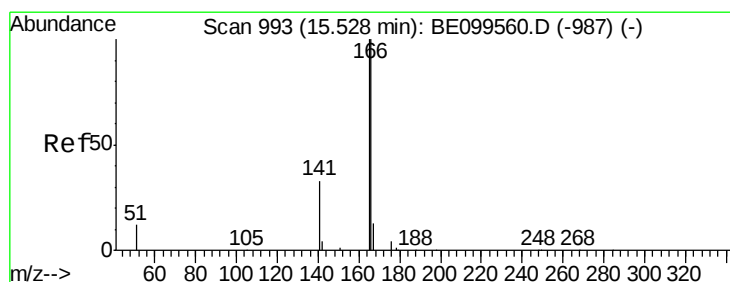
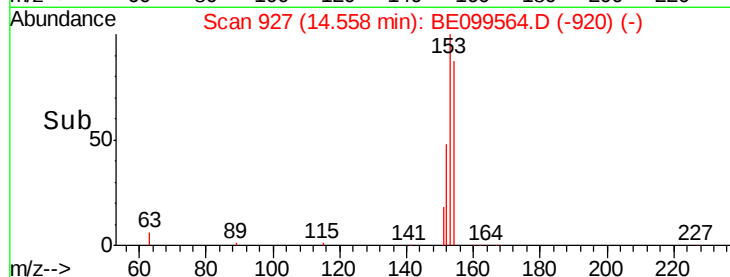
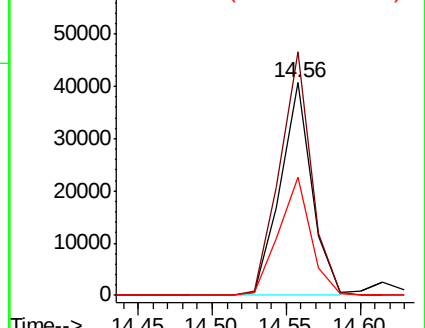
152 56.1 43.9 65.9



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: 4.893 ng

RT: 15.53 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

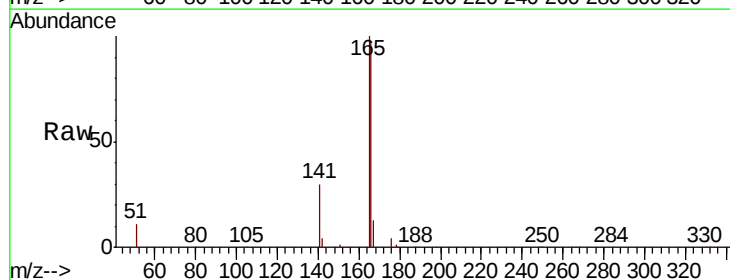
Tgt Ion:166 Resp: 85966

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.6

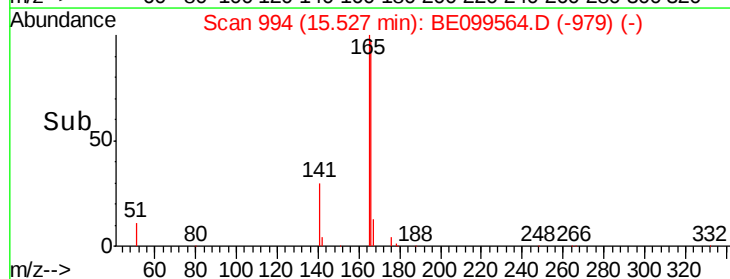
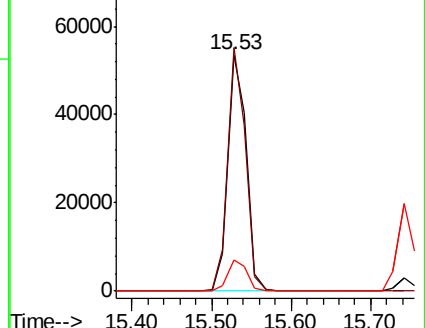
167 13.3 11.5 17.3

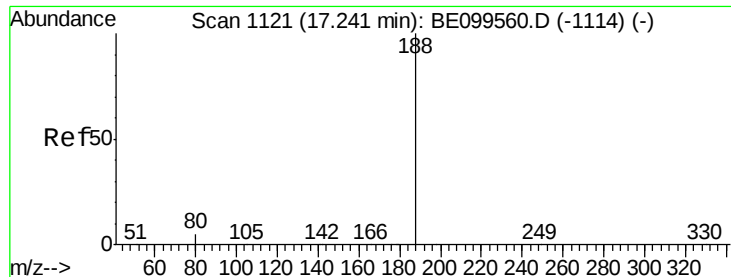


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1122

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

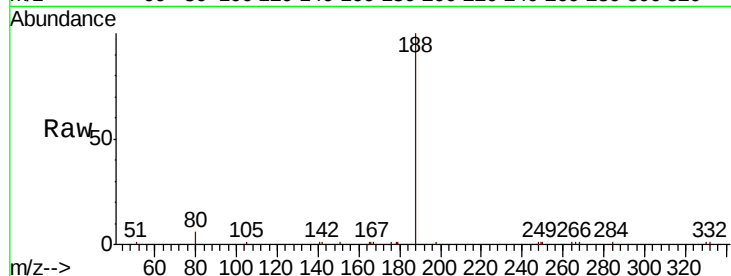
Tot Ion:188 Resp: 12079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

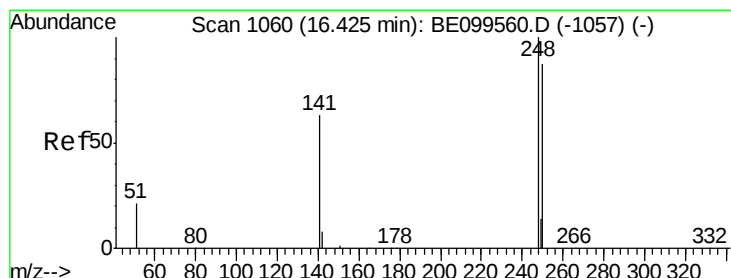
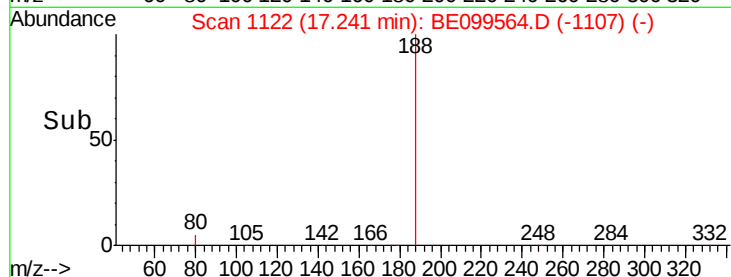
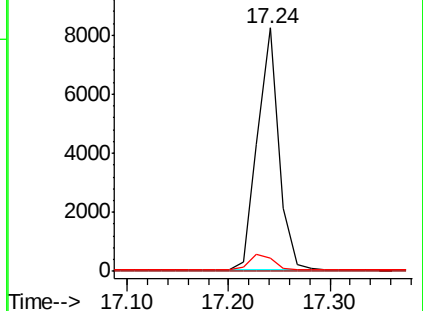
80 5.6 4.6 7.0



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: 5.281 ng

RT: 16.42 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

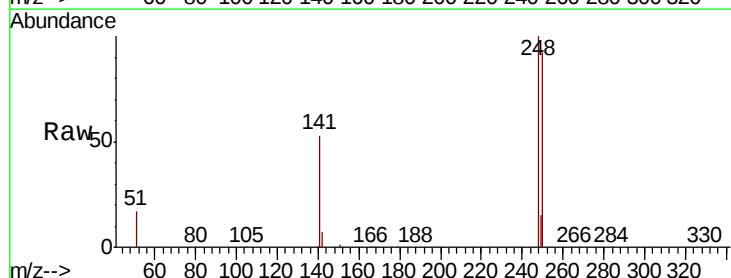
Tgt Ion:248 Resp: 37131

Ion Ratio Lower Upper

248 100

250 92.1 70.0 105.0

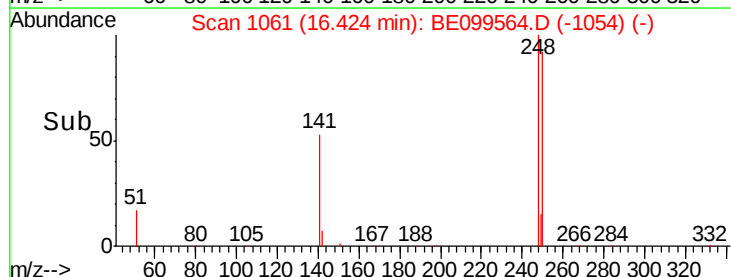
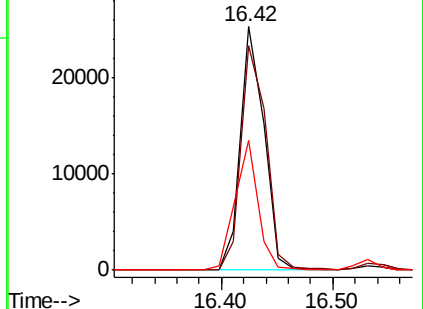
141 53.5 51.8 77.8

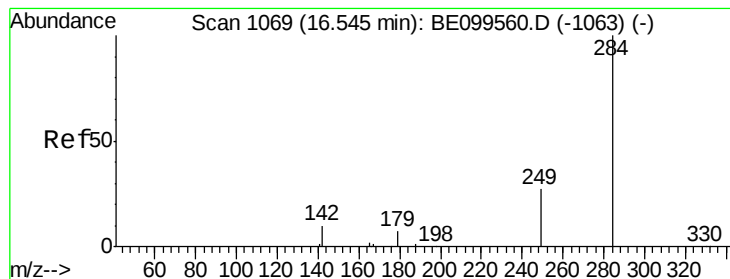


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.335 ng

RT: 16.54 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

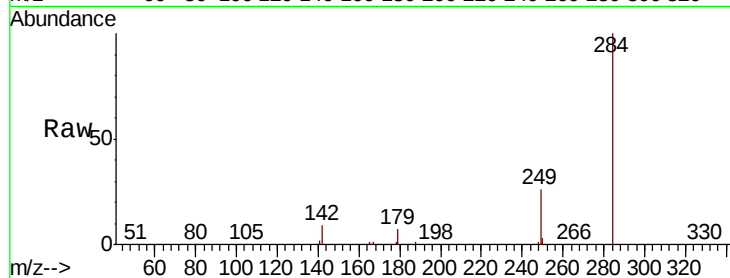
Tot Ion:284 Resp: 35754

Ion Ratio Lower Upper

284 100

142 25.8 19.5 29.3

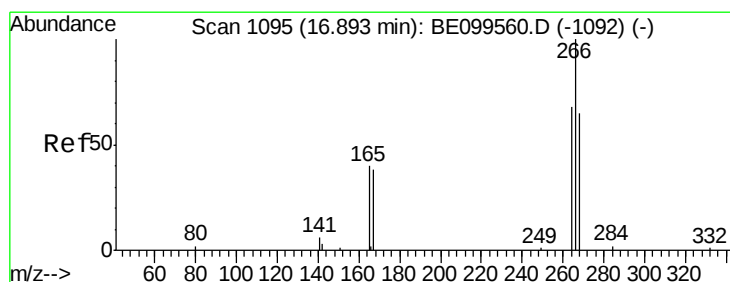
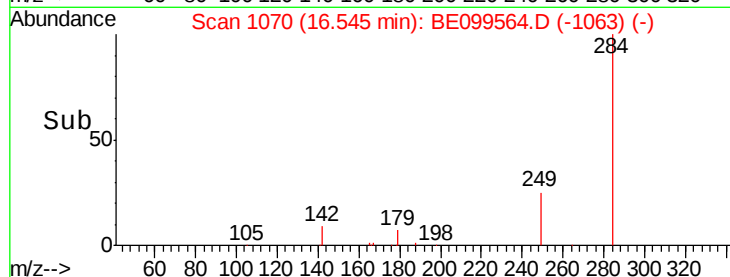
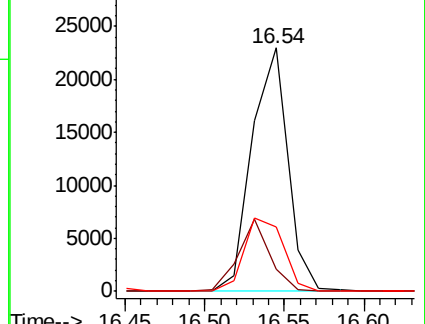
249 32.5 26.2 39.2



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: 6.412 ng

RT: 16.89 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

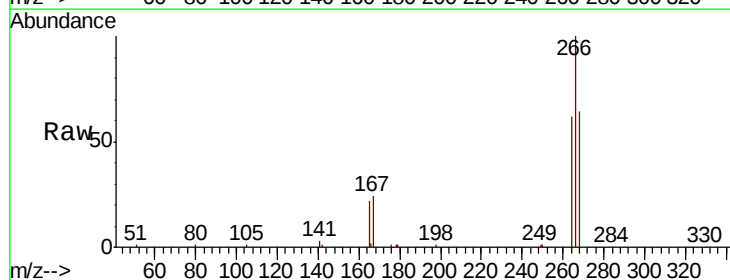
Tgt Ion:266 Resp: 19390

Ion Ratio Lower Upper

266 100

264 61.7 56.6 84.8

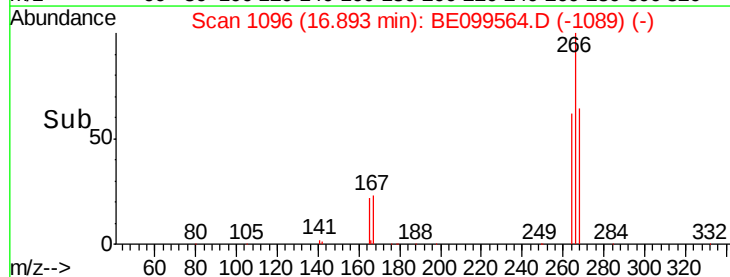
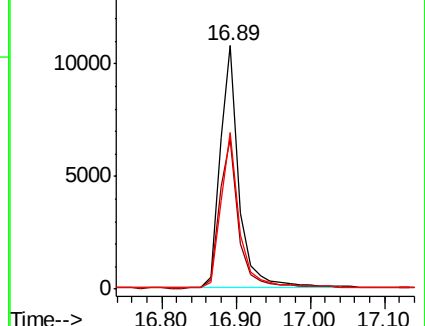
268 64.5 55.8 83.8

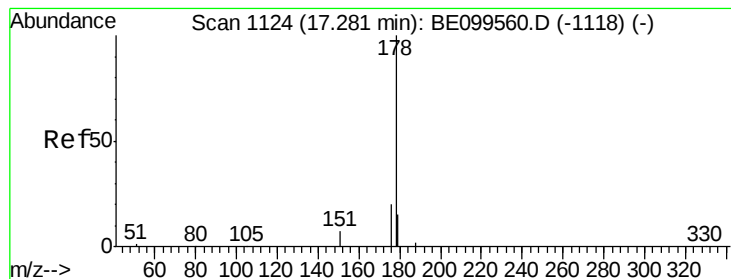


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.115 ng

RT: 17.28 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

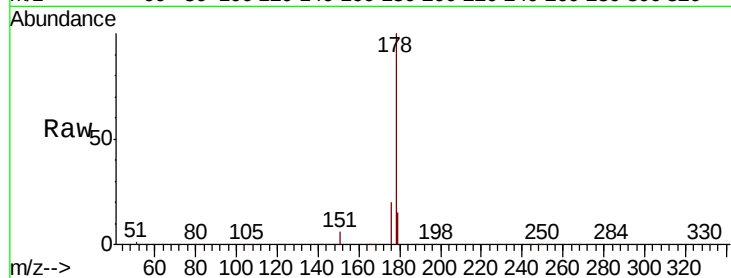
Tot Ion:178 Resp: 159425

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

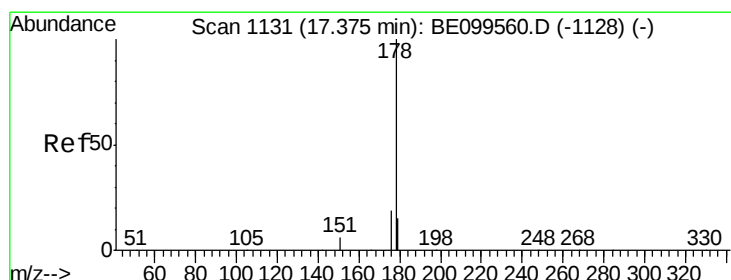
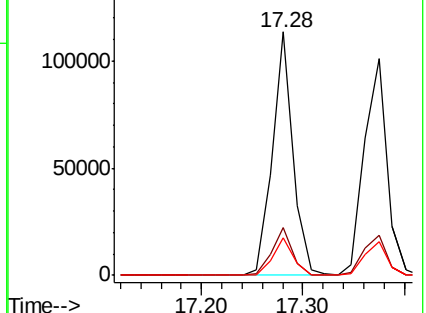
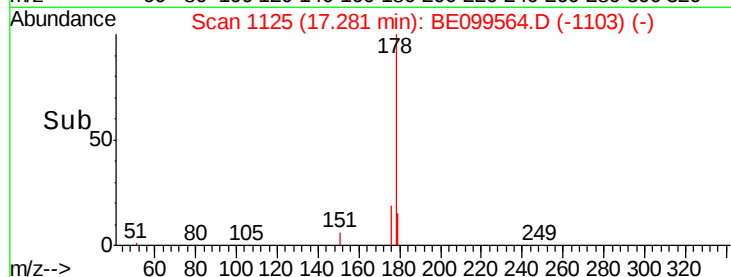
179 15.2 12.5 18.7



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: 5.285 ng

RT: 17.37 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

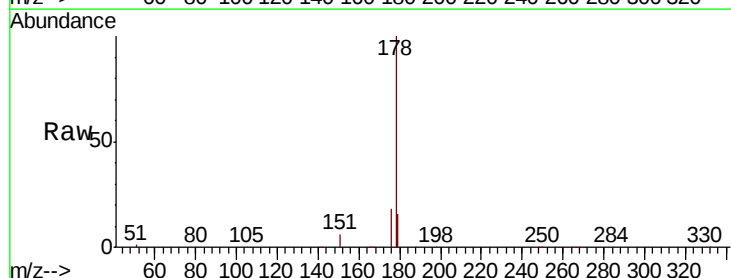
Tgt Ion:178 Resp: 156998

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

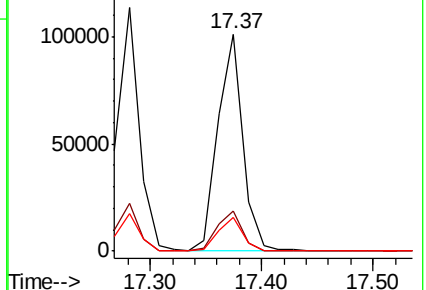
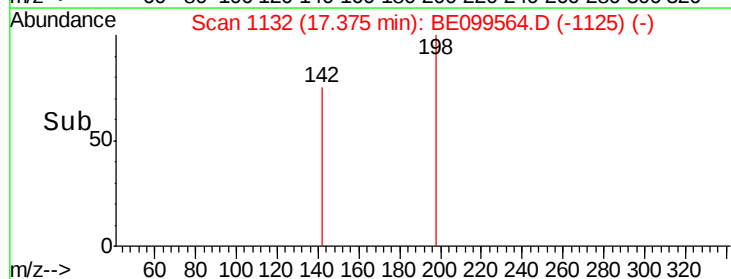
179 15.5 12.2 18.4

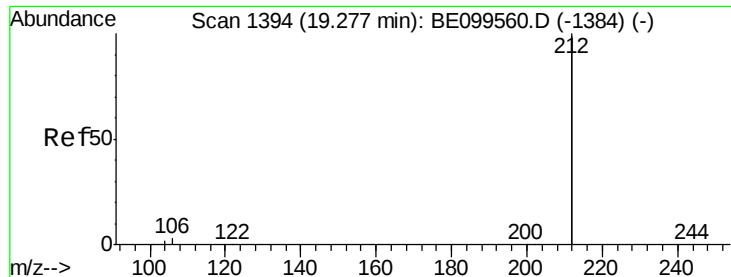


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.227 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

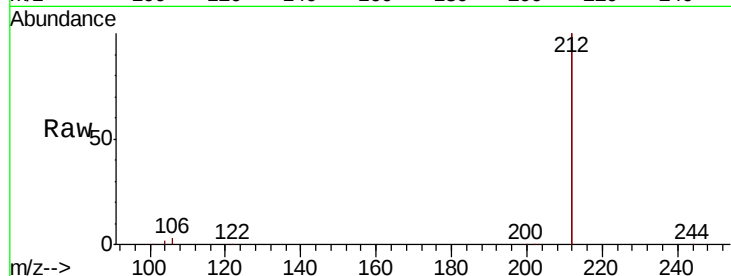
Tot Ion:212 Resp: 850977

Ion Ratio Lower Upper

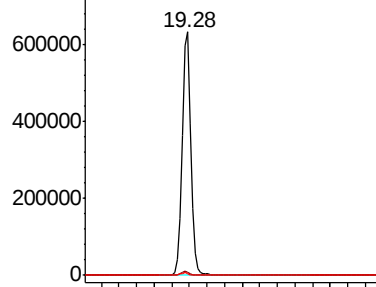
212 100

106 1.7 1.4 2.0

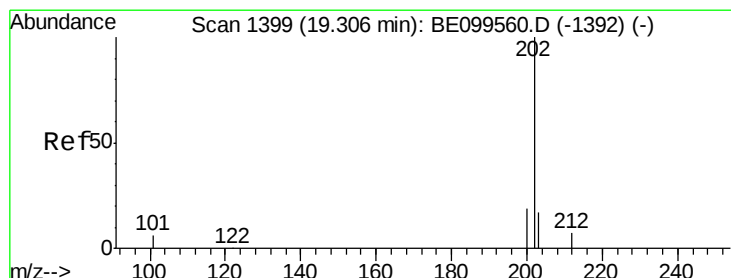
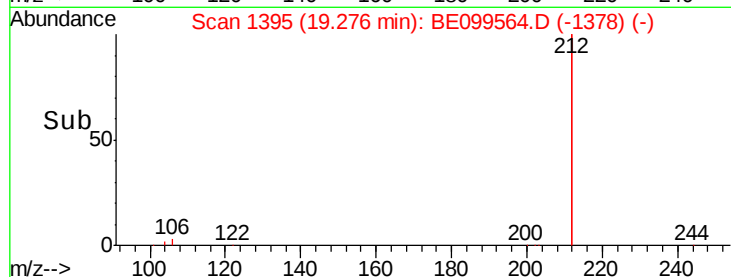
104 1.0 0.8 1.2



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



Time-->



#26

Fluoranthene

Concen: 5.142 ng

RT: 19.30 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

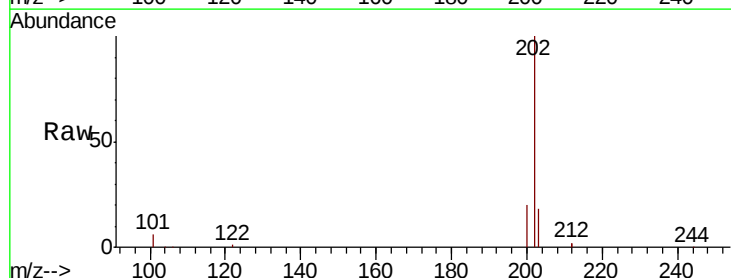
Tgt Ion:202 Resp: 240046

Ion Ratio Lower Upper

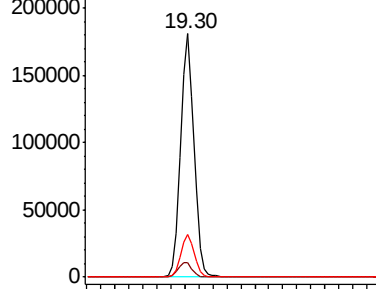
202 100

101 6.5 5.3 7.9

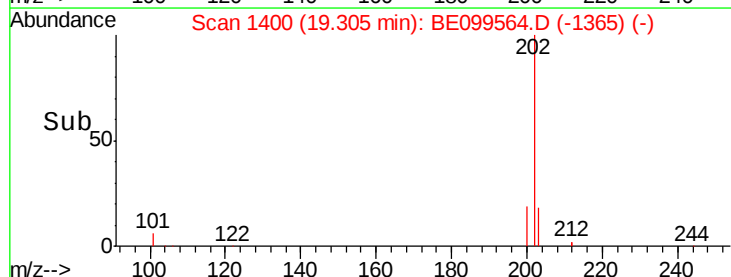
203 17.5 13.4 20.2

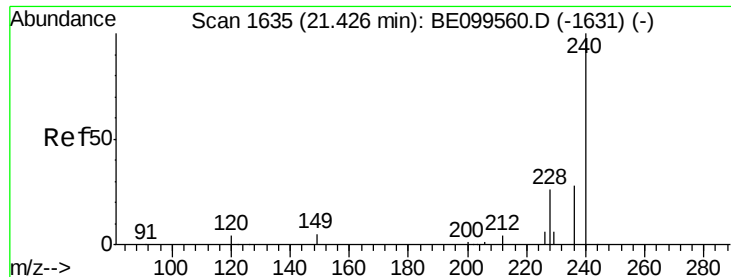


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

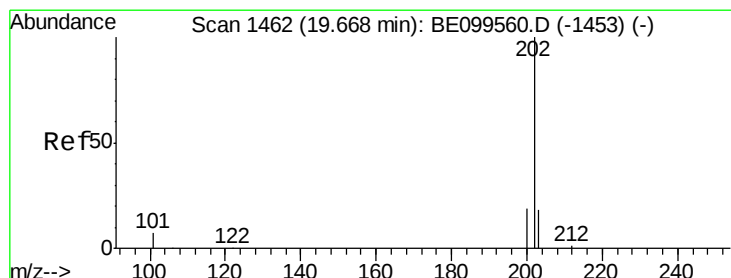
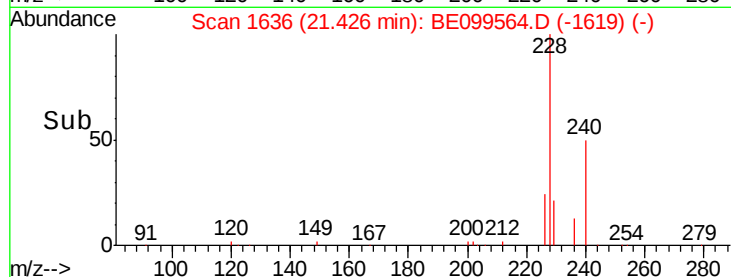
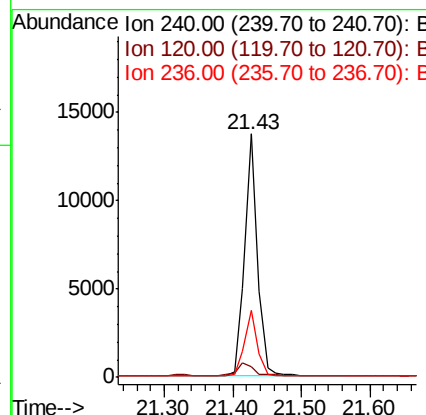
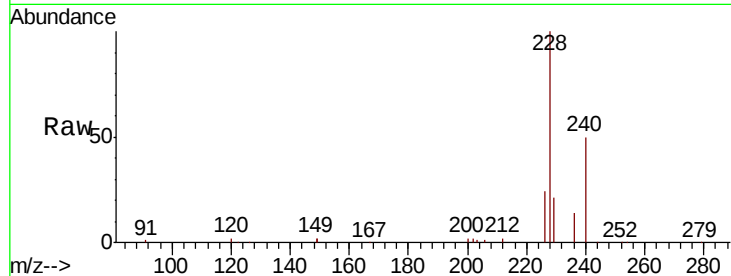




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

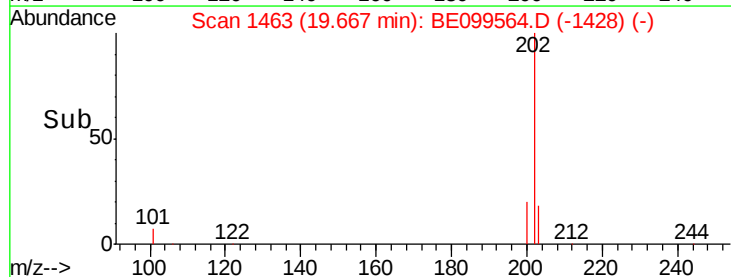
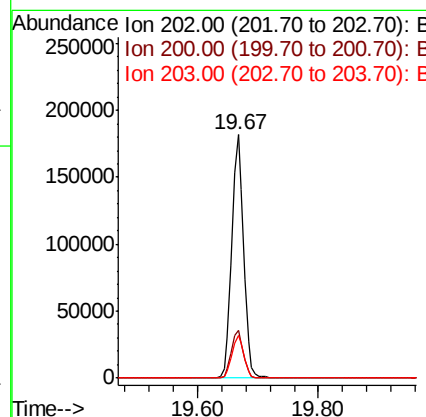
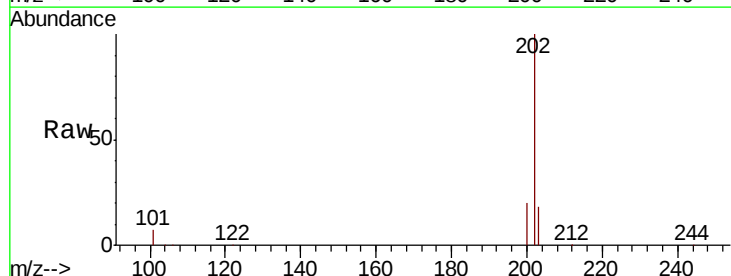
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

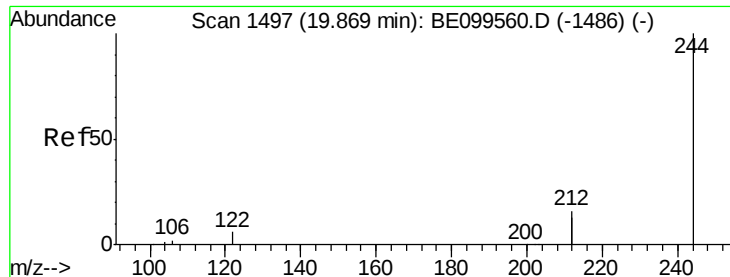
Tot Ion:240 Resp: 17953
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.6
236 27.3 22.5 33.7



#28
Pyrene
Concen: 5.297 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:202 Resp: 247908
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 5.321 ng

RT: 19.87 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

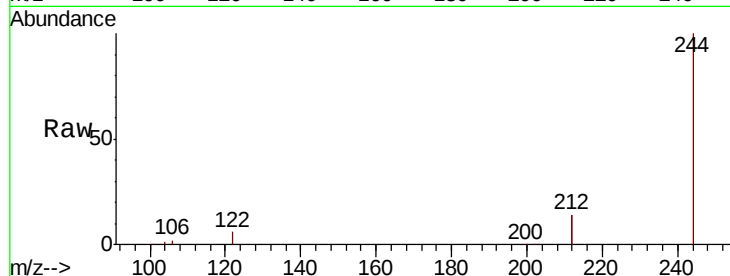
Tot Ion:244 Resp: 174937

Ion Ratio Lower Upper

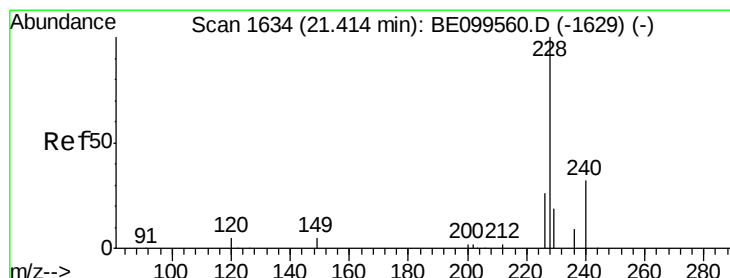
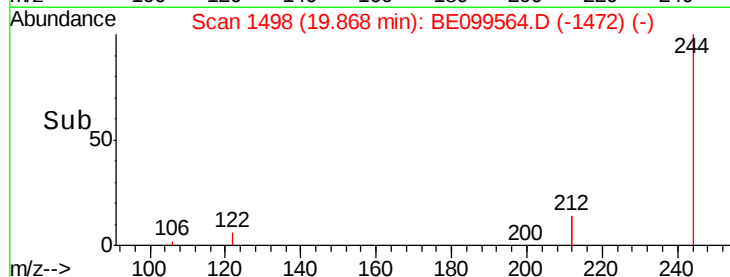
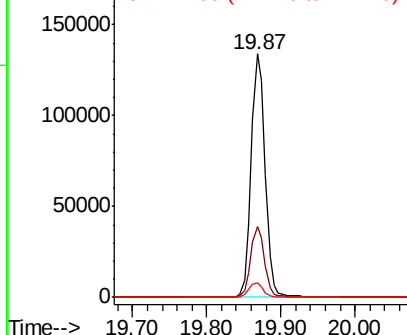
244 100

212 29.0 24.6 37.0

122 5.8 5.0 7.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.033 ng

RT: 21.40 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

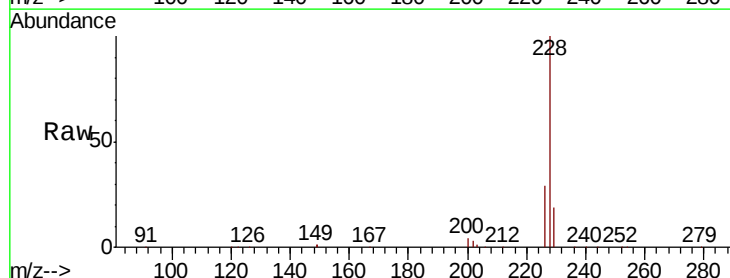
Tgt Ion:228 Resp: 287899

Ion Ratio Lower Upper

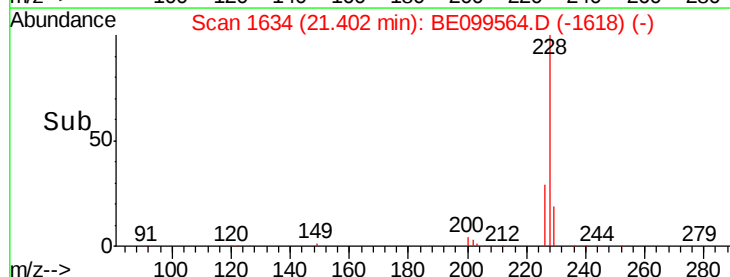
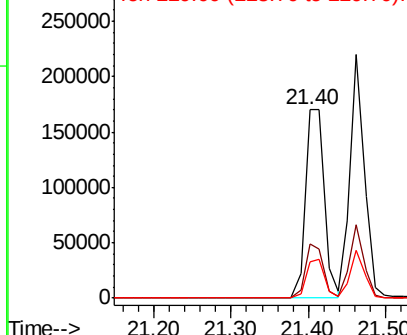
228 100

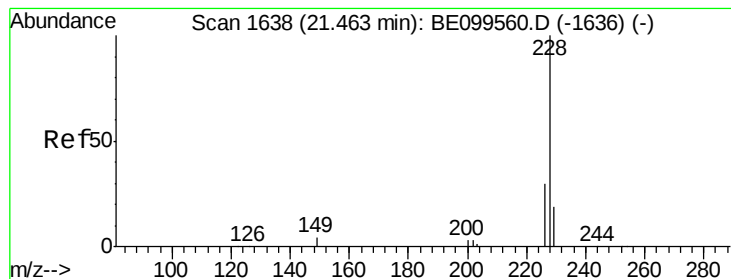
226 28.5 20.9 31.3

229 19.2 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: 5.071 ng

RT: 21.46 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

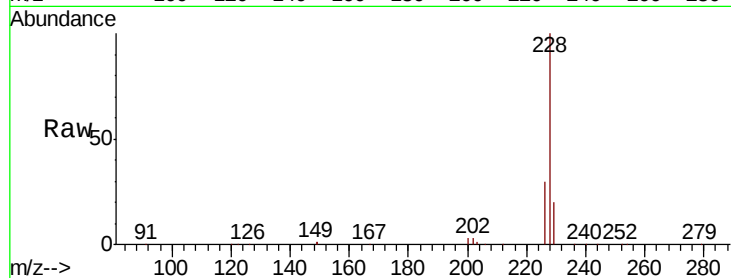
Tot Ion:228 Resp: 283831

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

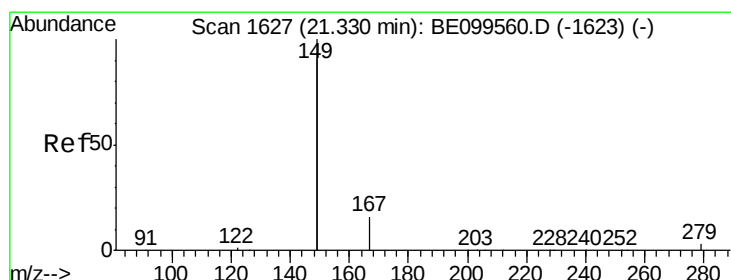
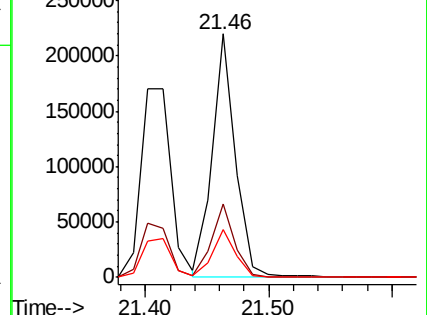
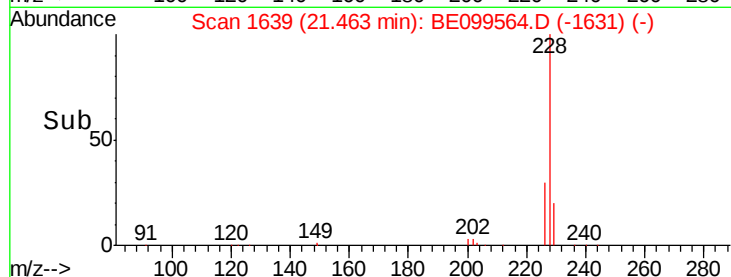
229 19.7 15.8 23.6



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: 4.255 ng

RT: 21.32 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

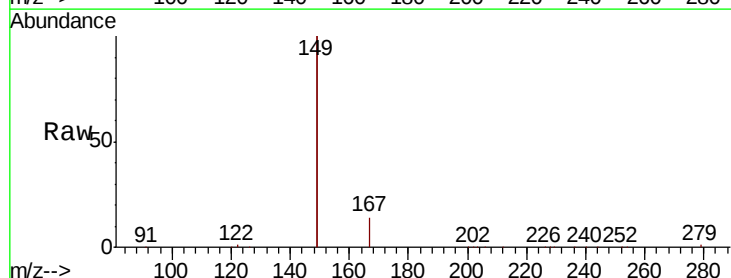
Tgt Ion:149 Resp: 423232

Ion Ratio Lower Upper

149 100

167 7.5 6.1 9.1

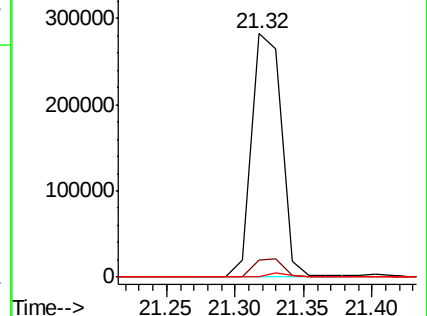
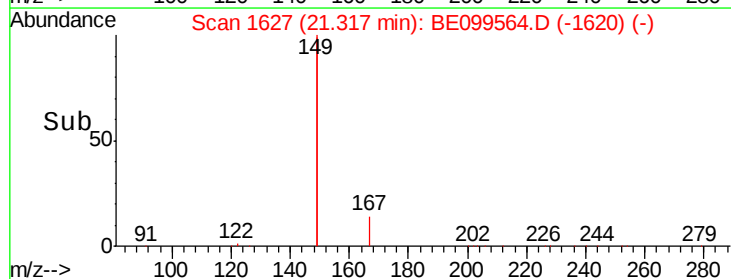
279 1.4 1.3 1.9

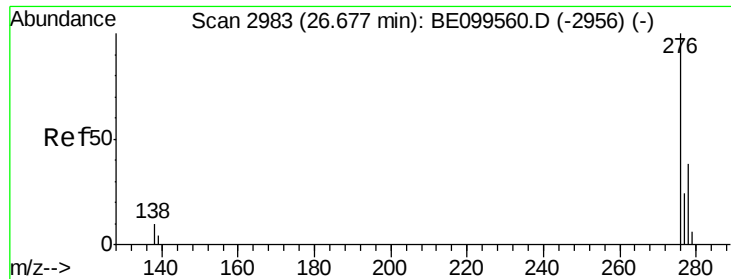


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.112 ng

RT: 26.68 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

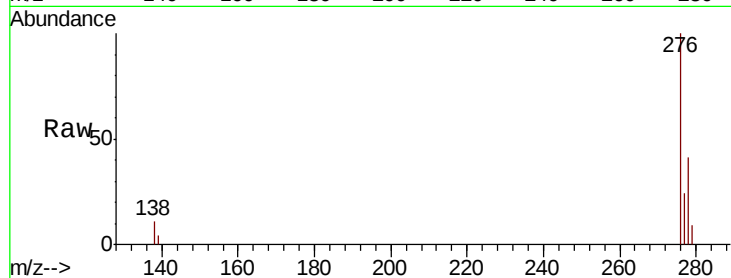
Tot Ion:276 Resp: 338222

Ion Ratio Lower Upper

276 100

138 11.8 9.5 14.3

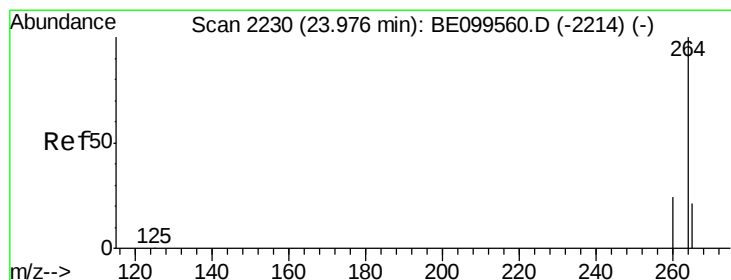
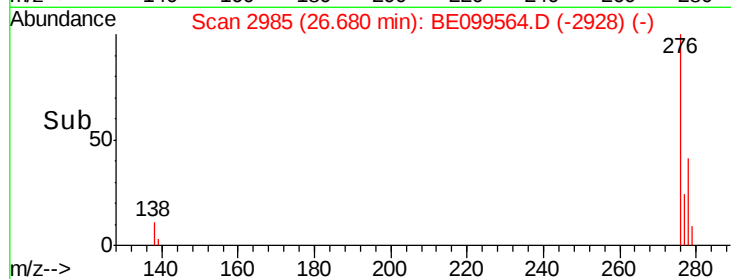
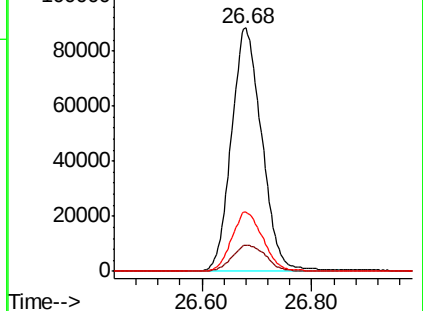
277 24.8 19.7 29.5



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: 23.98 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

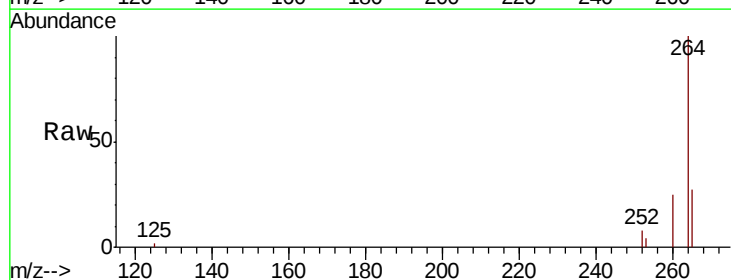
Tgt Ion:264 Resp: 19185

Ion Ratio Lower Upper

264 100

260 25.3 19.9 29.9

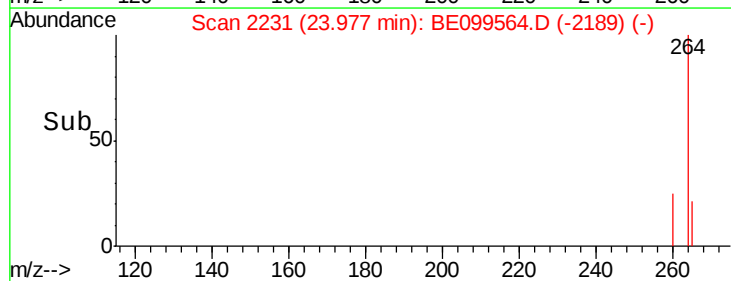
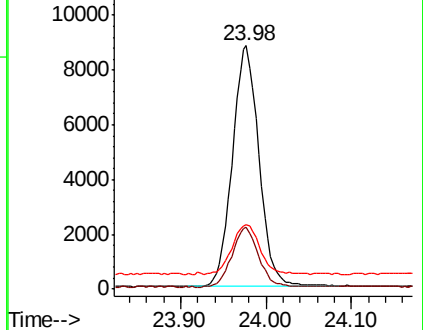
265 26.7 22.2 33.2

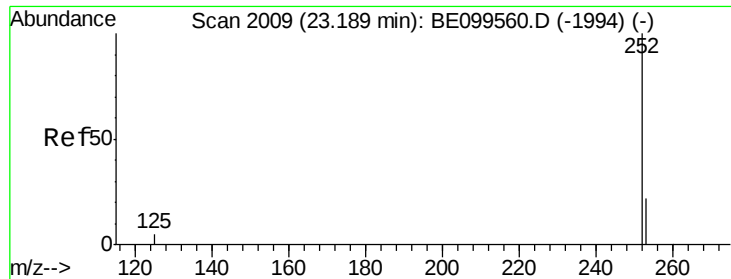


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

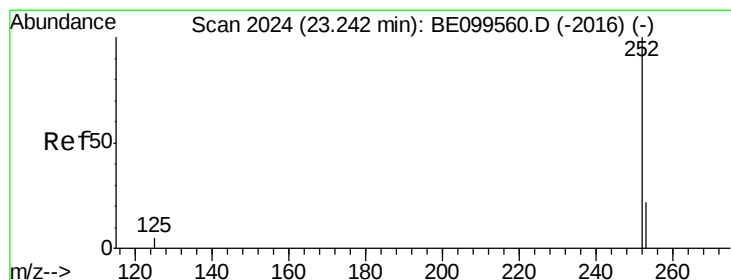
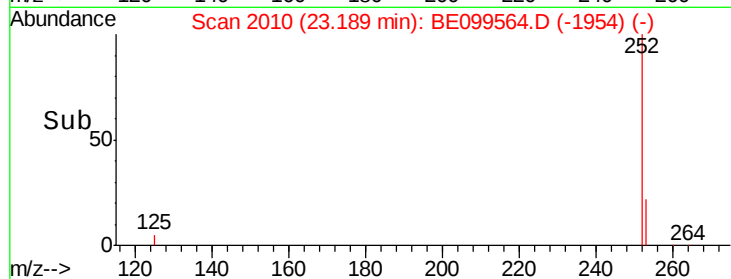
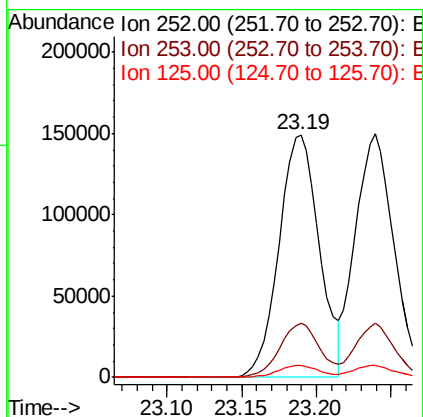
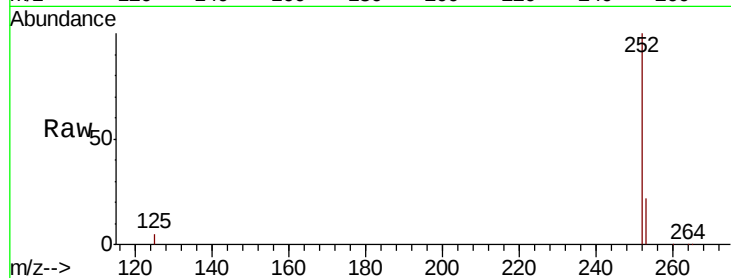




#35
Benzo(b)fluoranthene
Concen: 5.058 ng
RT: 23.19 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

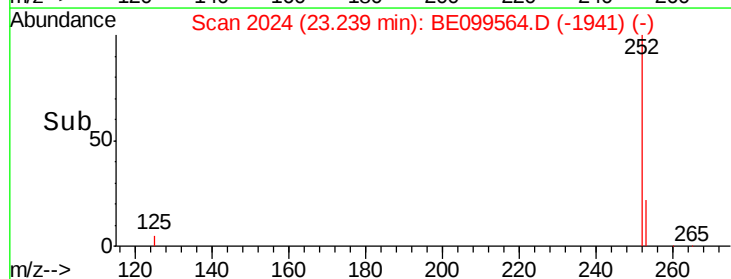
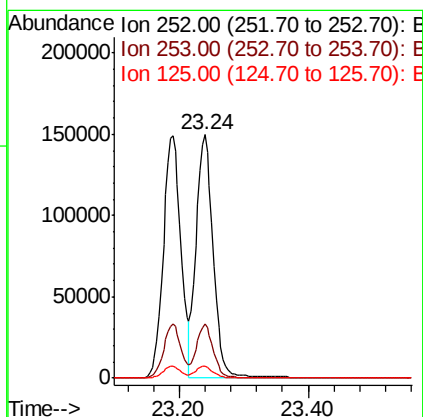
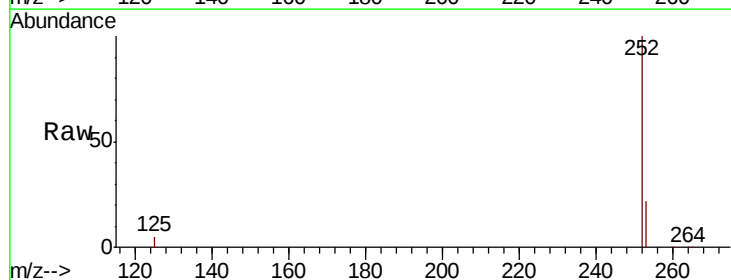
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

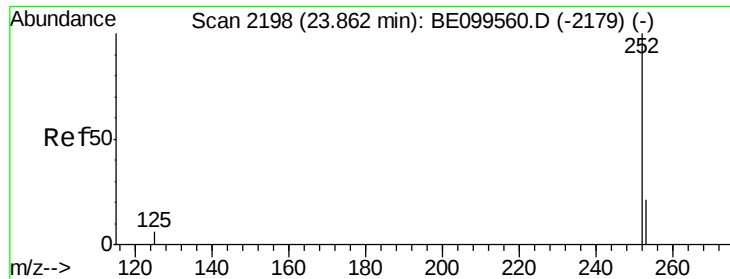
Tot Ion:252 Resp: 279831
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.4
125 5.0 5.8 8.6#



#36
Benzo(k)fluoranthene
Concen: 5.104 ng
RT: 23.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE099564.D
Acq: 7 May 2019 13:13

Tgt Ion:252 Resp: 272272
Ion Ratio Lower Upper
252 100
253 22.0 19.1 28.7
125 4.8 5.8 8.6#





#37

Benzo(a)pyrene

Concen: 5.061 ng

RT: 23.86 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

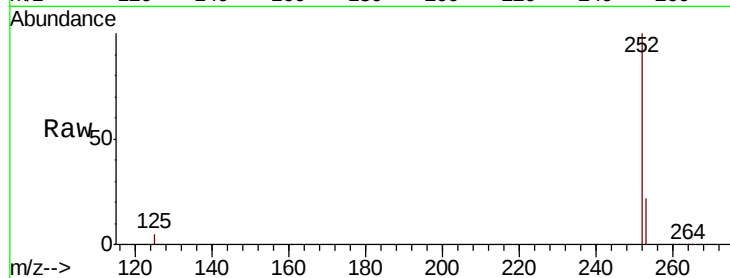
Tot Ion:252 Resp: 264702

Ion Ratio Lower Upper

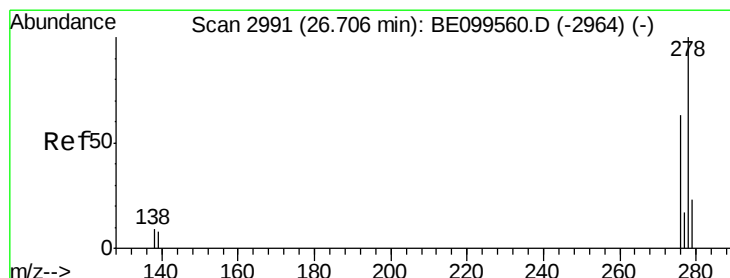
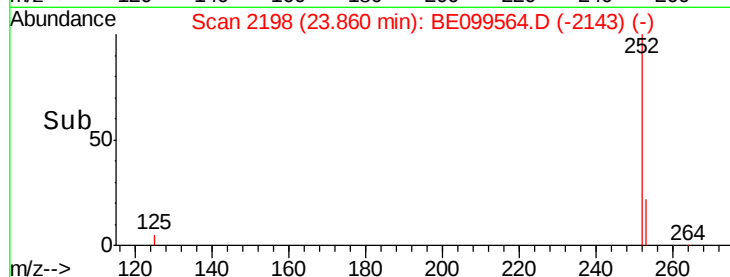
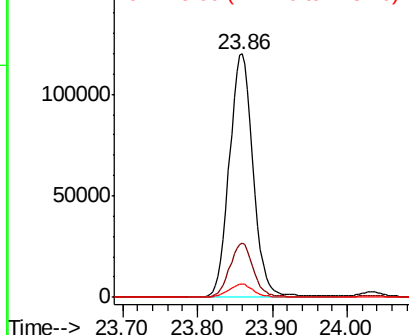
252 100

253 22.0 18.9 28.3

125 5.5 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 5.213 ng

RT: 26.71 min Scan# 2994

Delta R.T. 0.01 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

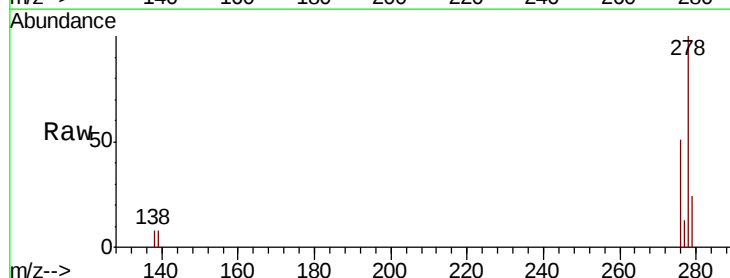
Tgt Ion:278 Resp: 278911

Ion Ratio Lower Upper

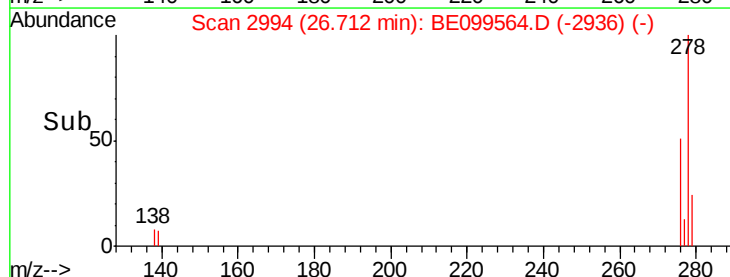
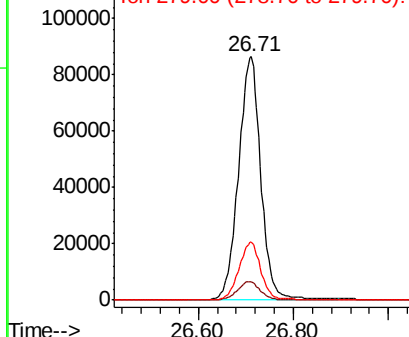
278 100

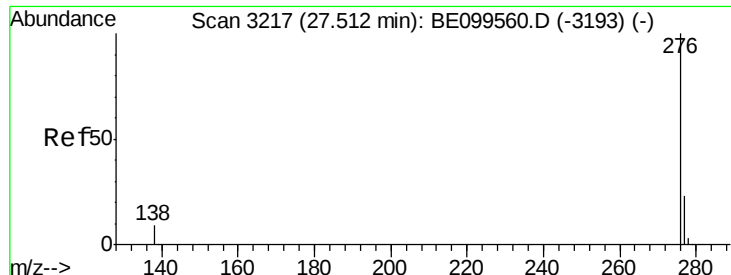
139 7.6 7.7 11.5#

279 24.0 21.0 31.4



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: 5.134 ng

RT: 27.51 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE099564.D

Acq: 7 May 2019 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

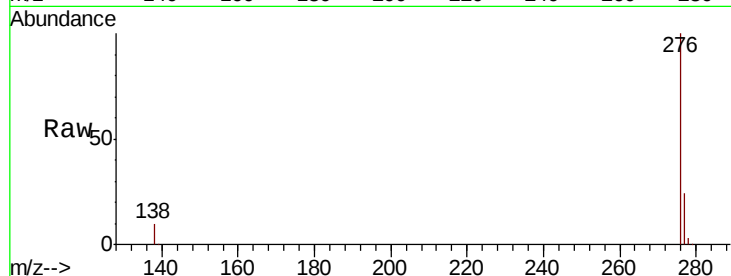
Tot Ion: 276 Resp: 275198

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 10.4 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

100000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

