

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099595.D
 Acq On : 9 May 2019 18:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 10 07:04:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1894	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6609	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4393	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12168	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16842	0.40	ng	0.00
34) Perylene-d12	23.97	264	20191	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2262	0.44	ng	0.00
5) Phenol-d6	6.98	99	2875	0.42	ng	0.00
8) Nitrobenzene-d5	8.98	82	2588	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4915	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1088	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	7083	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	68960	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	13461	0.45	ng	0.00

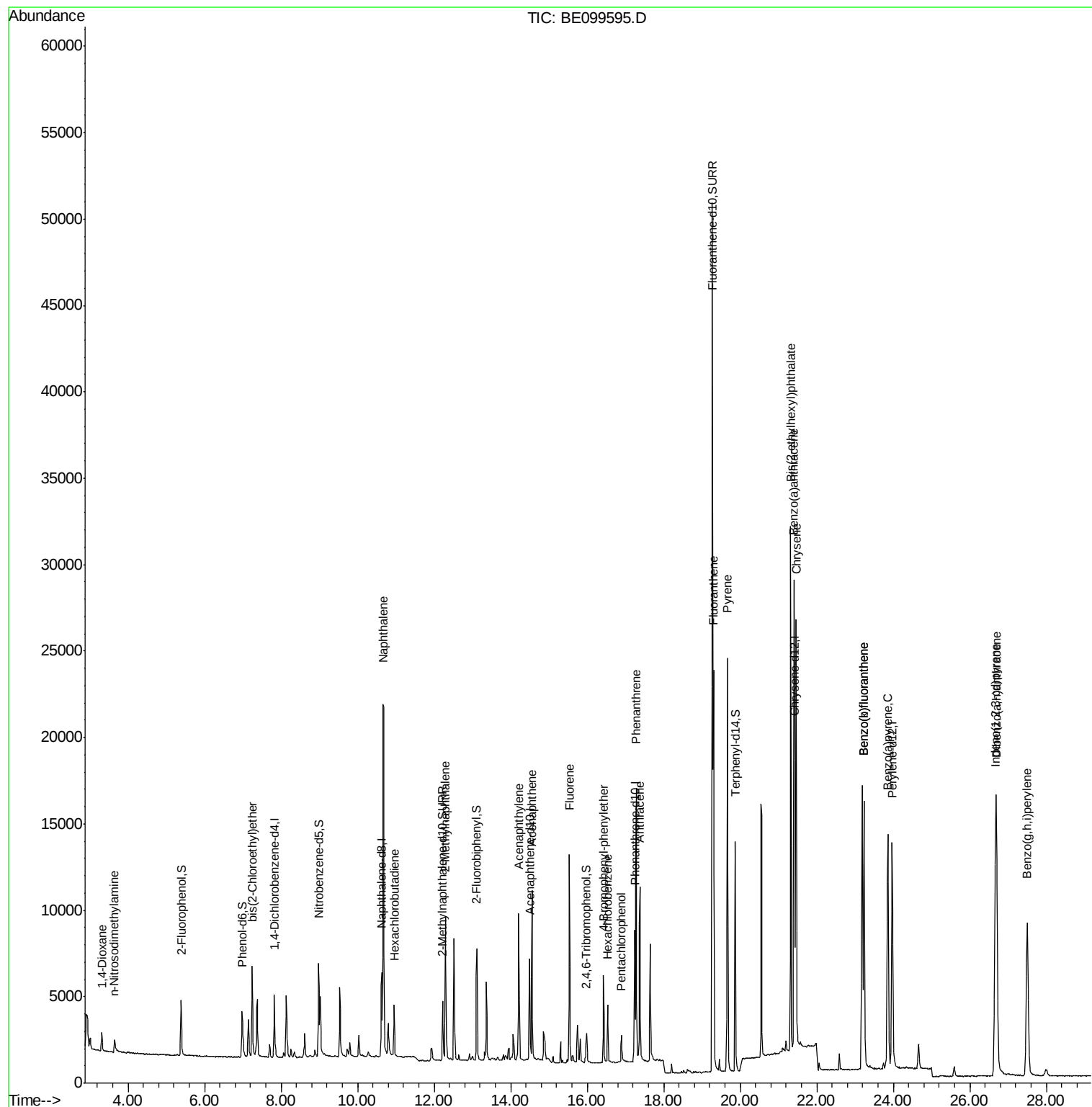
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1004	0.376	ng	91
3) n-Nitrosodimethylamine	3.64	42	565	0.342	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	2213	0.391	ng	96
9) Naphthalene	10.68	128	39294	0.558	ng	100
10) Hexachlorobutadiene	10.95	225	2072	0.408	ng	98
12) 2-Methylnaphthalene	12.29	142	6304	0.548	ng	98
16) Acenaphthylene	14.21	152	9698	0.456	ng	99
17) Acenaphthene	14.56	154	4840	0.408	ng	98
18) Fluorene	15.53	166	7081	0.418	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2799	0.403	ng	96
21) Hexachlorobenzene	16.53	284	2865	0.411	ng	100
22) Pentachlorophenol	16.89	266	1171	0.549	ng	93
23) Phenanthrene	17.28	178	18030	0.597	ng	99
24) Anthracene	17.38	178	12641	0.446	ng	99
26) Fluoranthene	19.30	202	21038	0.463	ng	100
28) Pyrene	19.66	202	23258	0.524	ng	99
30) Benzo(a)anthracene	21.40	228	24671	0.480	ng	99
31) Chrysene	21.46	228	23928	0.465	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	32113	0.434	ng	100
33) Indeno(1,2,3-cd)pyrene	26.67	276	29105	0.454	ng	99
35) Benzo(b)fluoranthene	23.23	252	23600	0.423	ng	98
36) Benzo(k)fluoranthene	23.23	252	23600	0.426	ng	98
37) Benzo(a)pyrene	23.85	252	23664	0.438	ng	# 97
38) Dibenzo(a,h)anthracene	26.70	278	23544	0.417	ng	# 98
39) Benzo(g,h,i)perylene	27.50	276	23748	0.415	ng	100

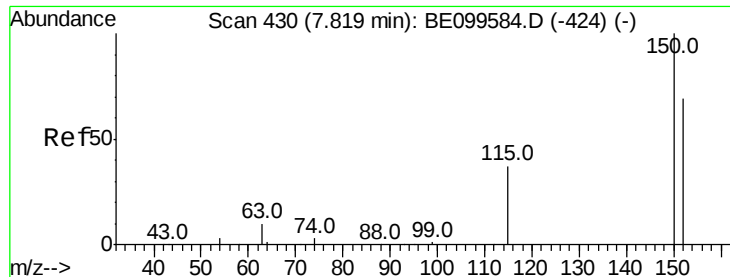
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
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QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

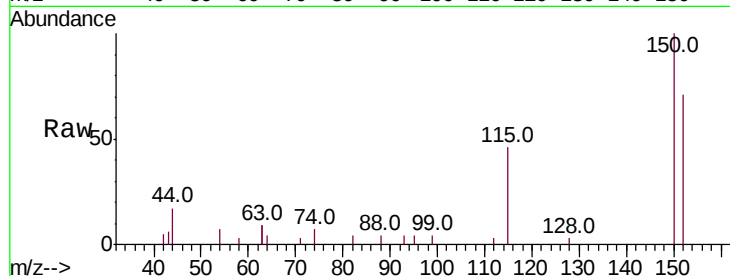
Tot Ion:152 Resp: 1894

Ion Ratio Lower Upper

152 100

150 140.3 114.2 171.4

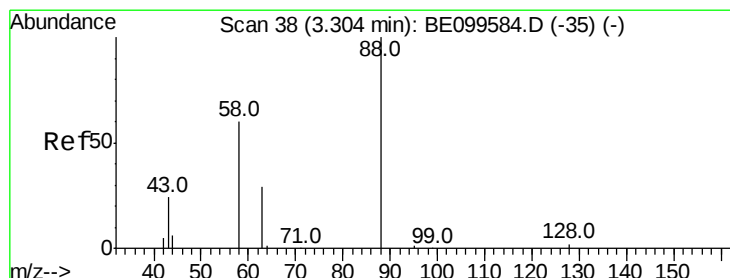
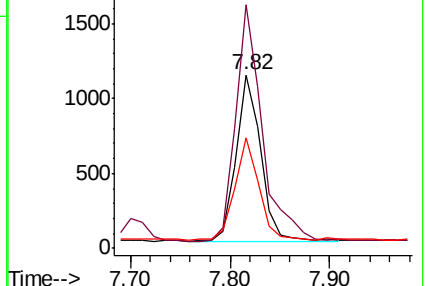
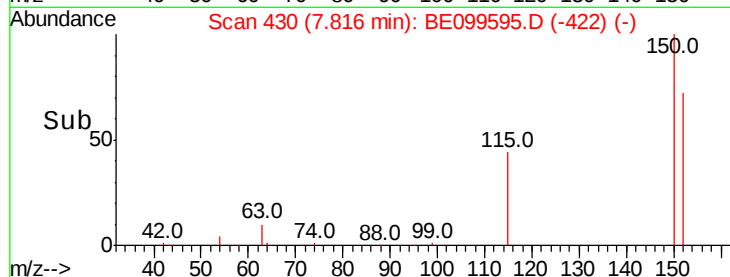
115 64.0 45.4 68.0



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: 0.376 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

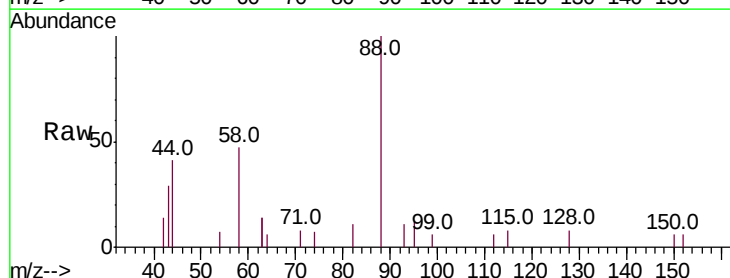
Tgt Ion: 88 Resp: 1004

Ion Ratio Lower Upper

88 100

58 60.1 41.3 61.9

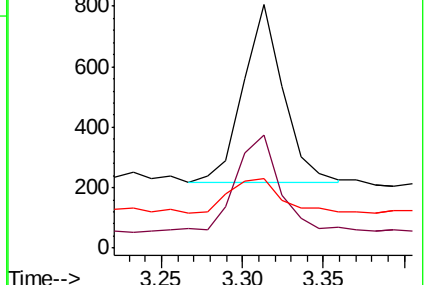
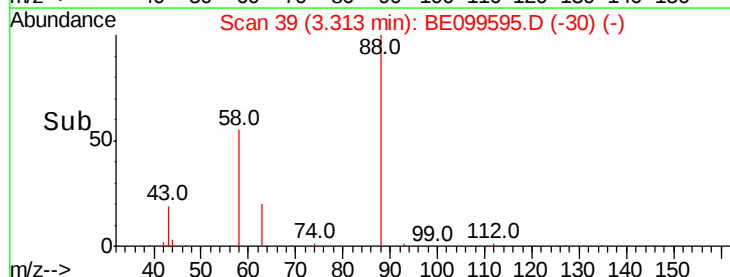
43 24.4 21.0 31.6

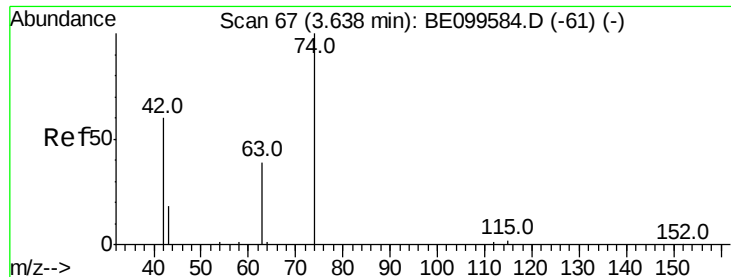


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



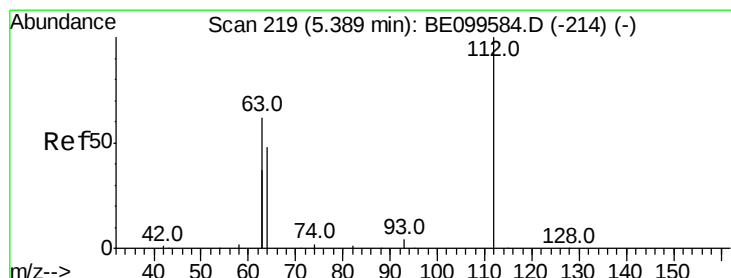
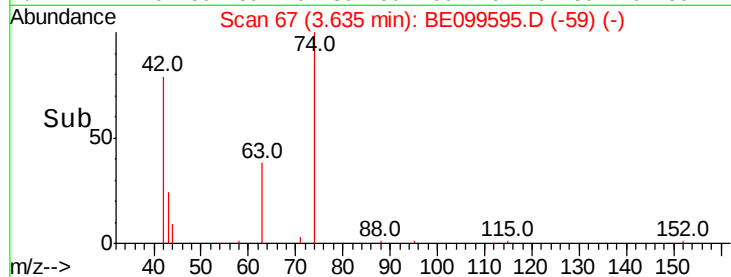
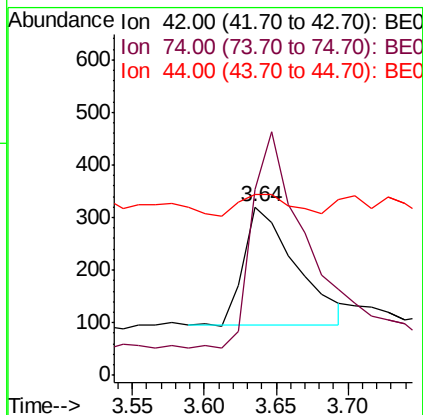
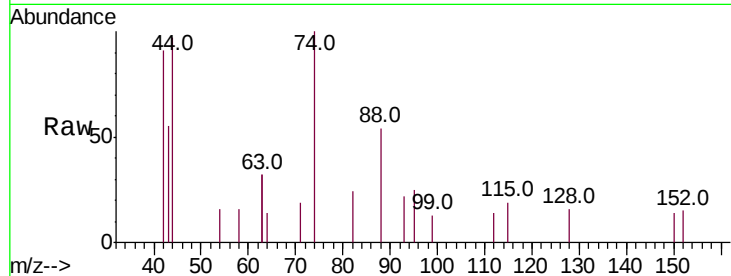


#3

n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :

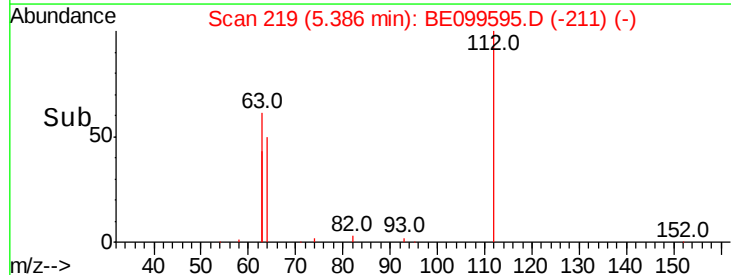
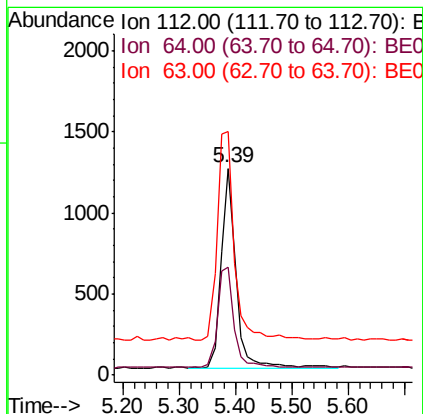
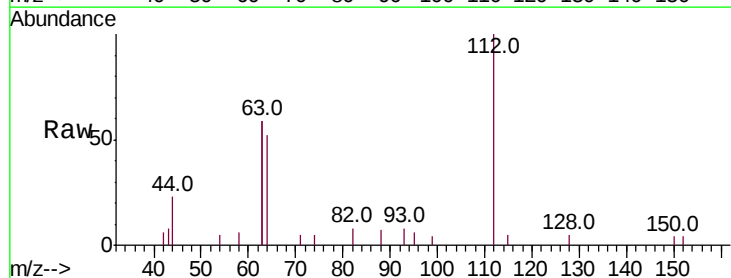
Tot Ion: 42 Resp: 565
Ion Ratio Lower Upper
42 100
74 181.1 136.9 205.3
44 18.1 7.1 10.7#

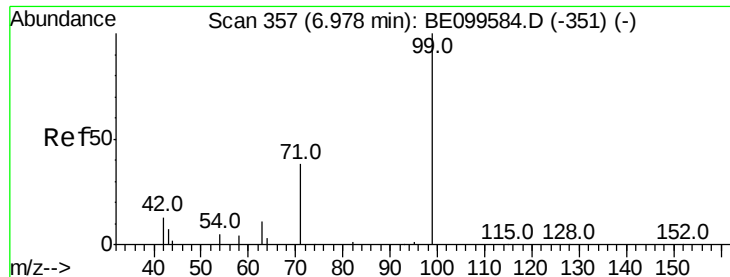


#4

2-Fluorophenol
Concen: 0.437 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

Tgt Ion: 112 Resp: 2262
Ion Ratio Lower Upper
112 100
64 53.8 46.2 69.4
63 120.6 100.2 150.4





#5

Phenol-d6

Concen: 0.422 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

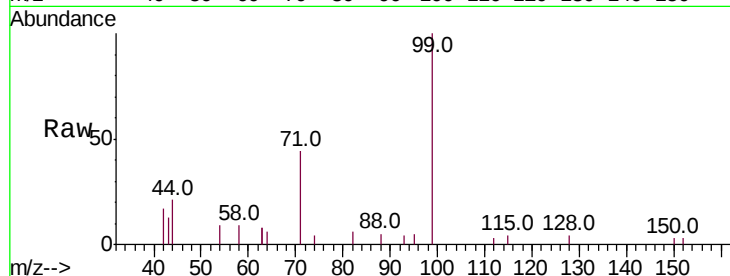
Tot Ion: 99 Resp: 2875

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

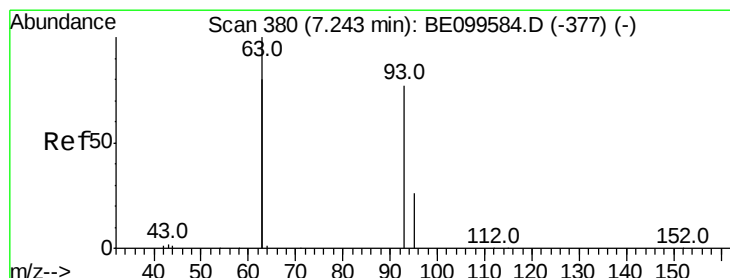
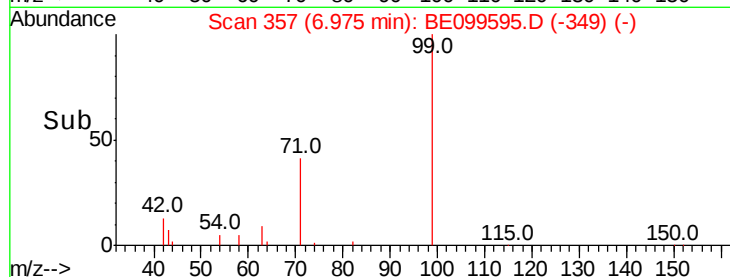
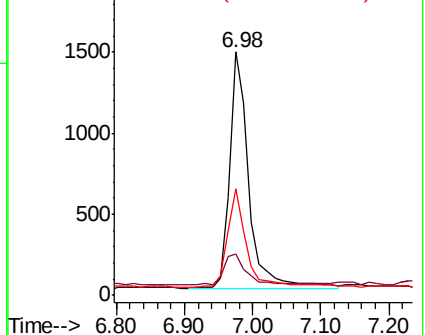
71 40.8 32.2 48.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

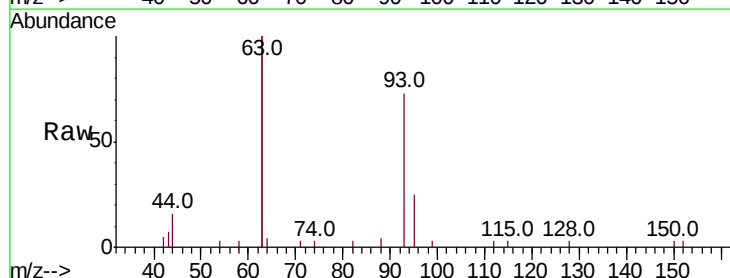
Tgt Ion: 93 Resp: 2213

Ion Ratio Lower Upper

93 100

63 275.2 213.4 320.0

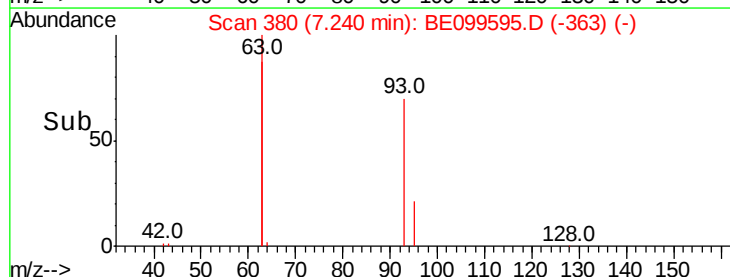
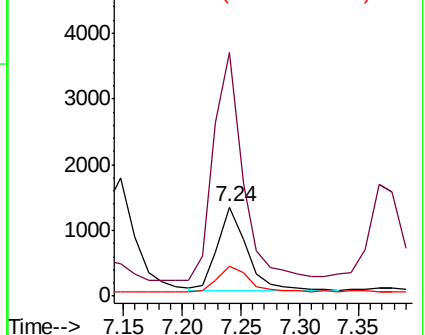
95 32.1 24.9 37.3

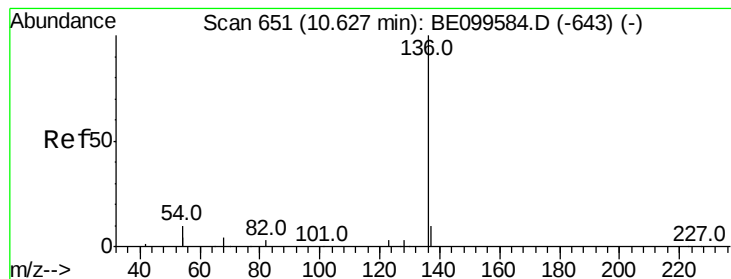


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 651

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6609

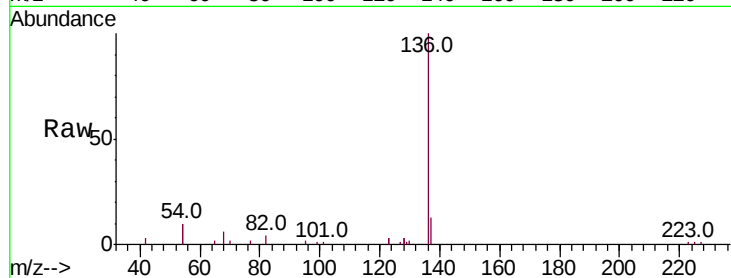
Ion Ratio Lower Upper

136 100

137 12.6 9.1 13.7

54 19.5 16.5 24.7

68 5.6 4.5 6.7

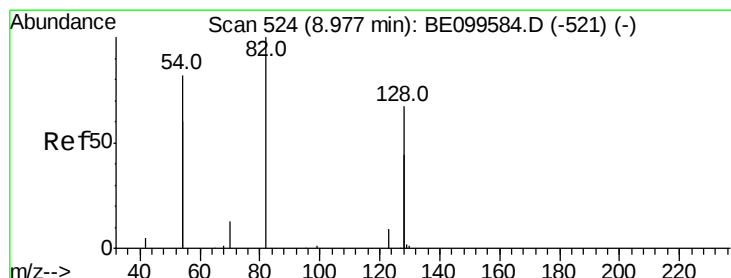
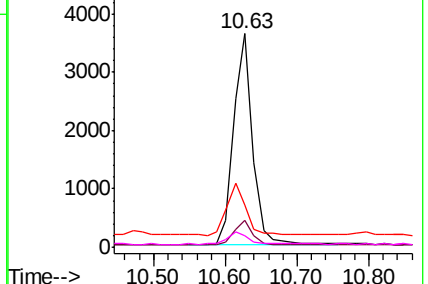
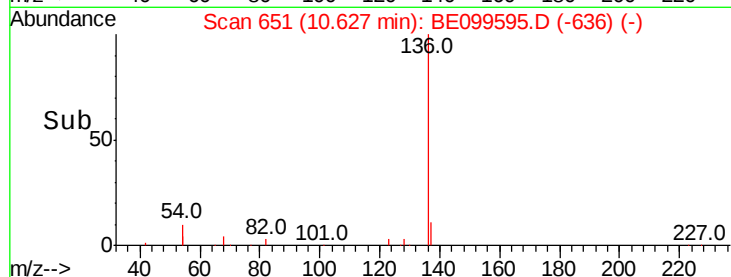


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.417 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

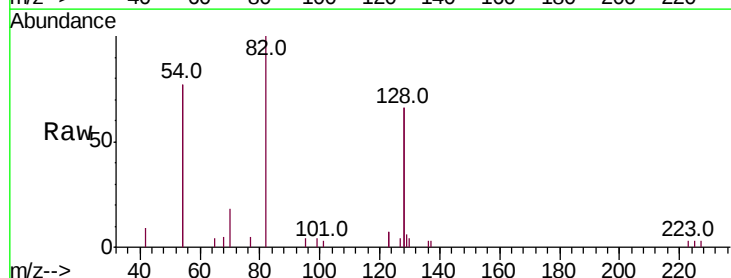
Tgt Ion: 82 Resp: 2588

Ion Ratio Lower Upper

82 100

128 132.7 101.5 152.3

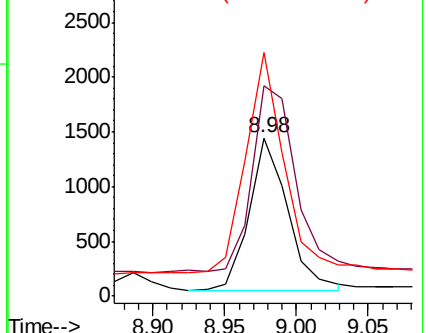
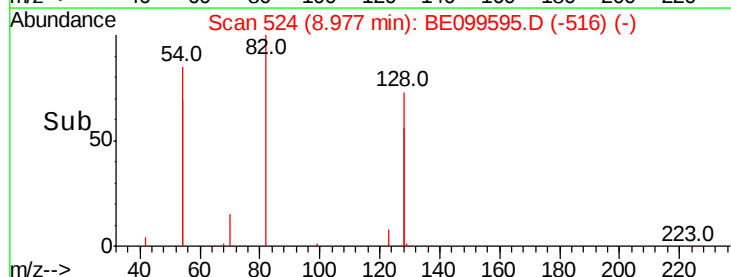
54 153.9 123.8 185.6

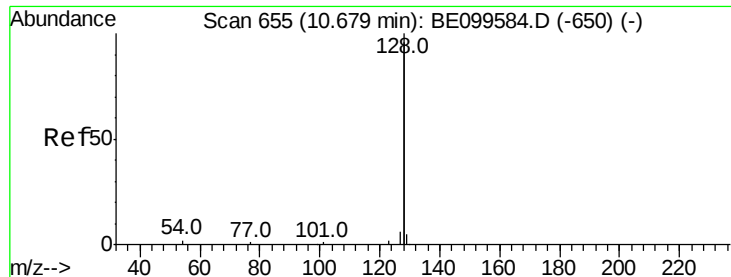


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.558 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampled :

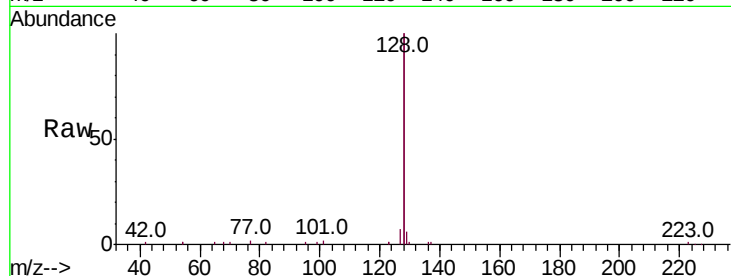
Tot Ion:128 Resp: 39294

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

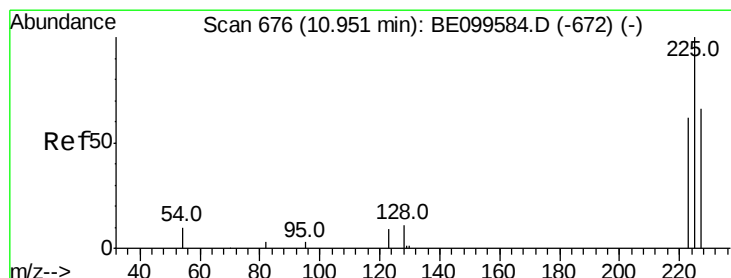
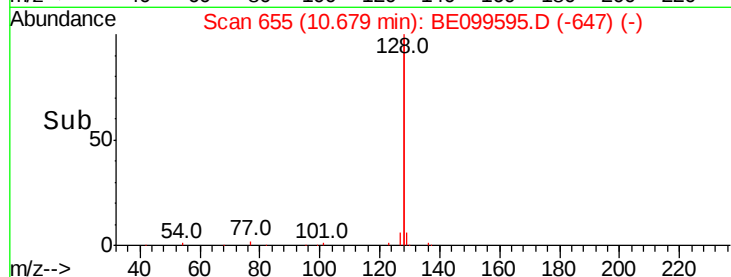
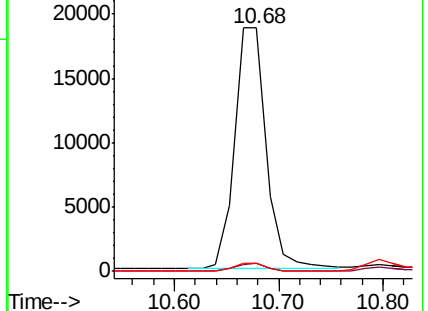
127 3.3 2.8 4.2



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: 0.408 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

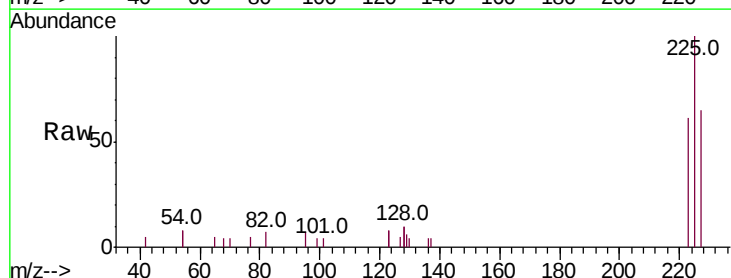
Tgt Ion:225 Resp: 2072

Ion Ratio Lower Upper

225 100

223 62.5 49.6 74.4

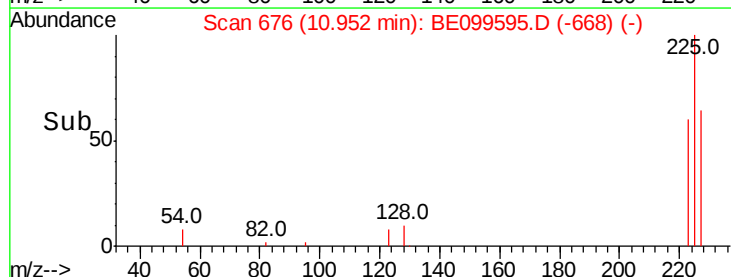
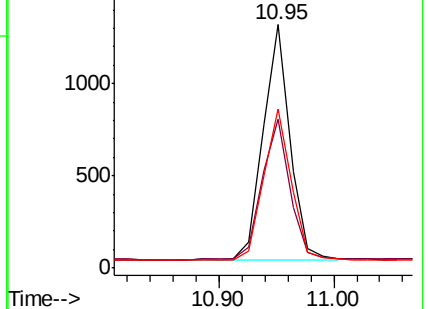
227 65.9 50.1 75.1

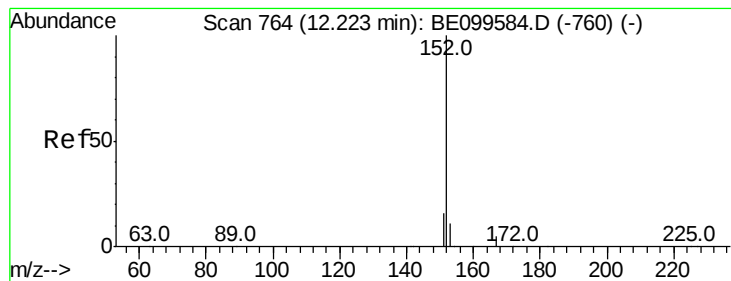


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.444 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

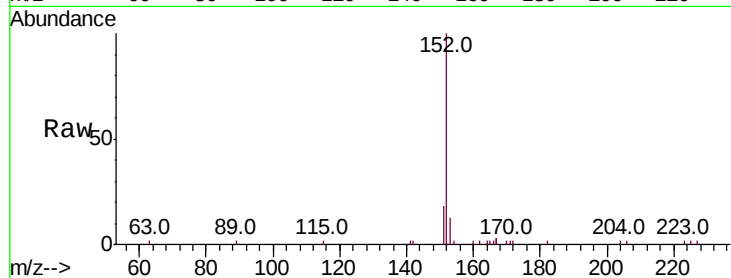
ClientSampleId :

Tot Ion:152 Resp: 4915

Ion Ratio Lower Upper

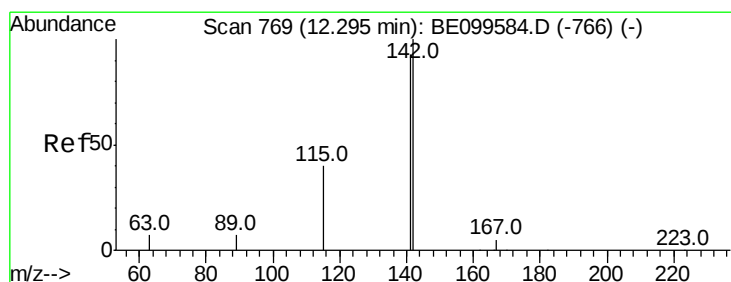
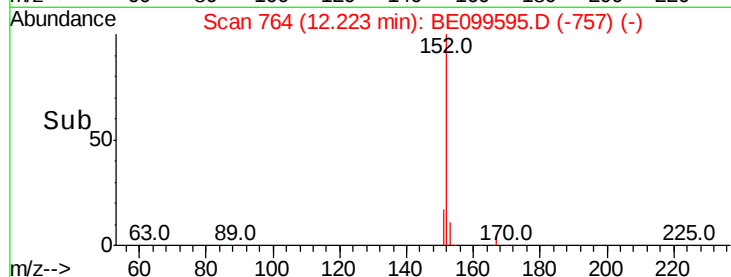
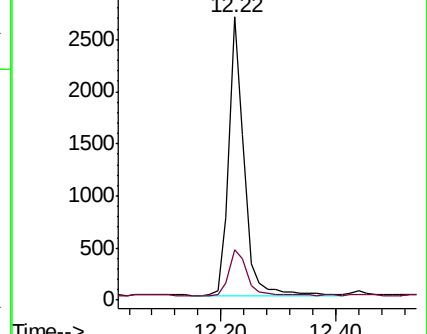
152 100

151 19.5 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.548 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

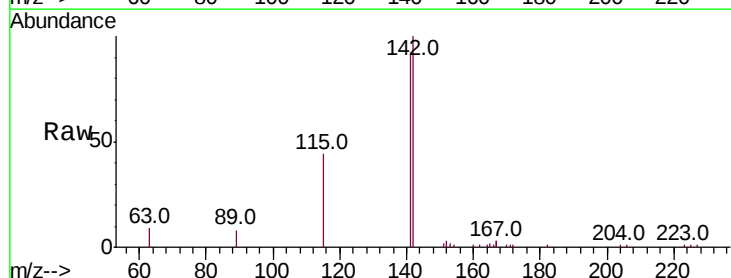
Tgt Ion:142 Resp: 6304

Ion Ratio Lower Upper

142 100

141 91.6 75.0 112.4

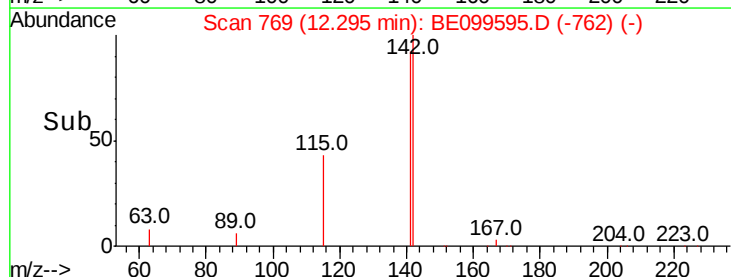
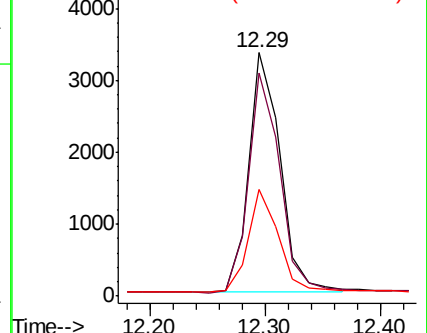
115 43.6 33.7 50.5

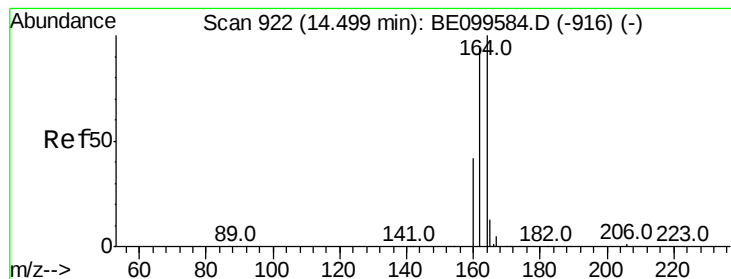


Abundance Ion 142.00 (141.70 to 142.70): E

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. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

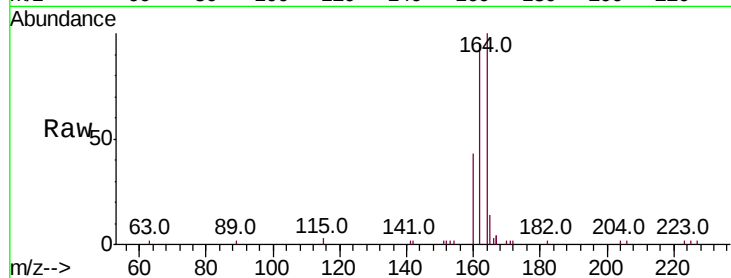
Tot Ion:164 Resp: 4393

Ion Ratio Lower Upper

164 100

162 94.6 75.3 112.9

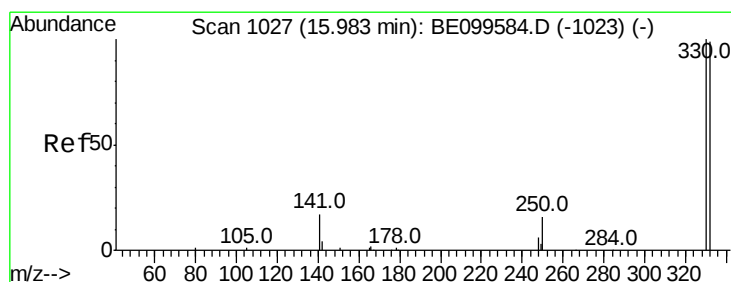
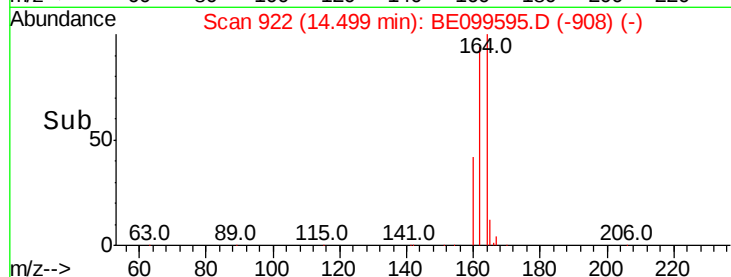
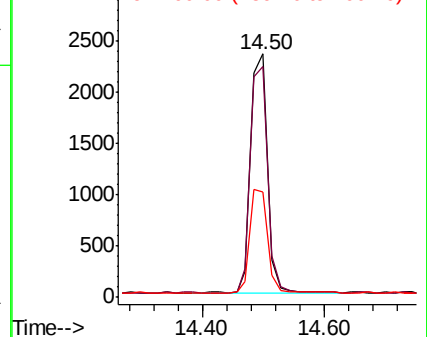
160 43.0 34.7 52.1



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: 0.418 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

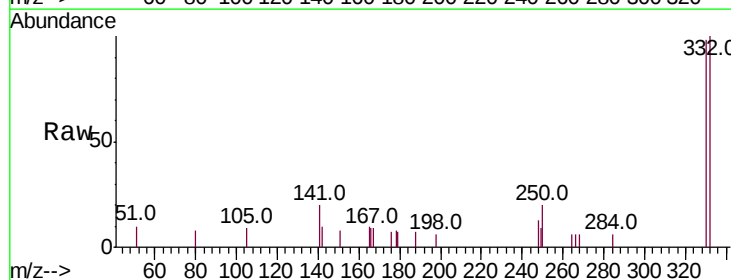
Tgt Ion:330 Resp: 1088

Ion Ratio Lower Upper

330 100

332 102.7 78.7 118.1

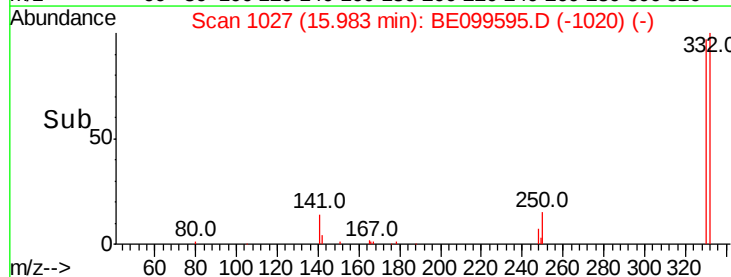
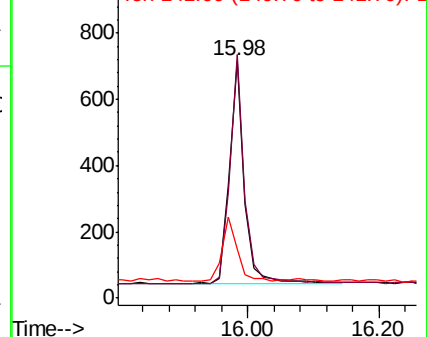
141 29.1 22.3 33.5

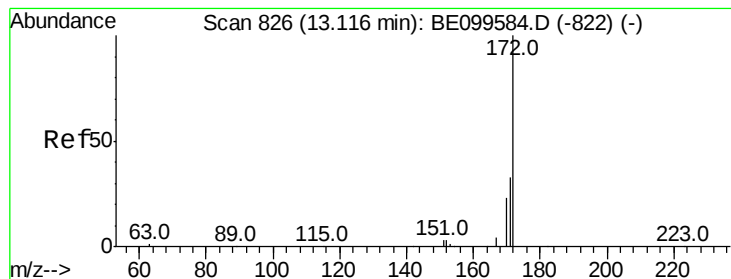


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

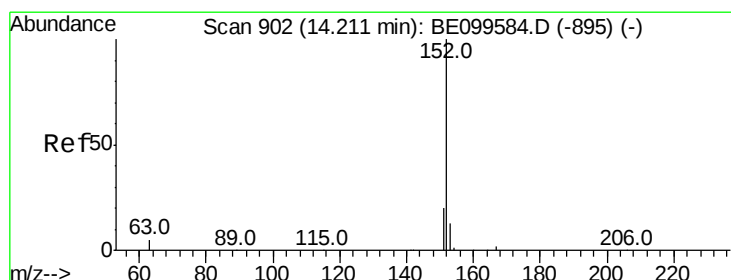
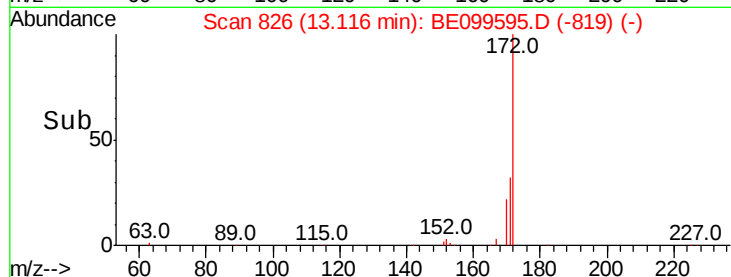
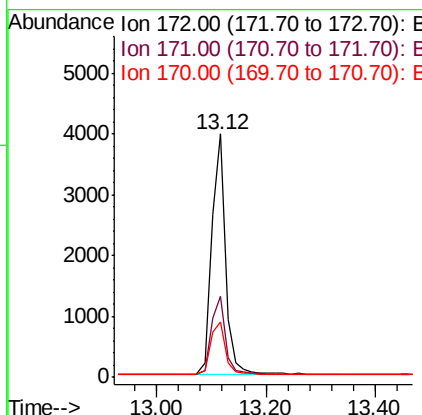
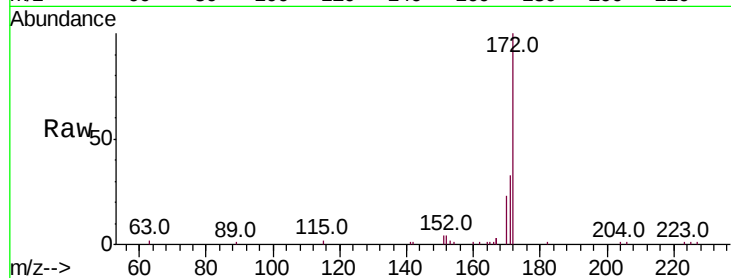




#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099595.D
 Acq: 9 May 2019 18:57

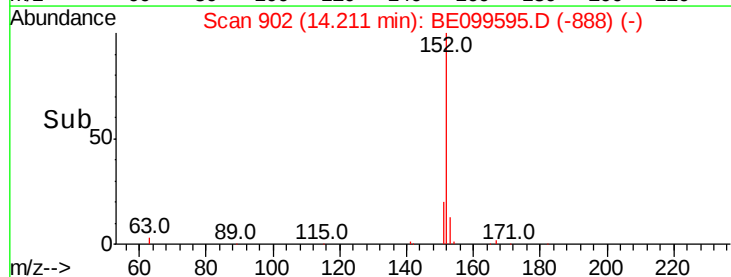
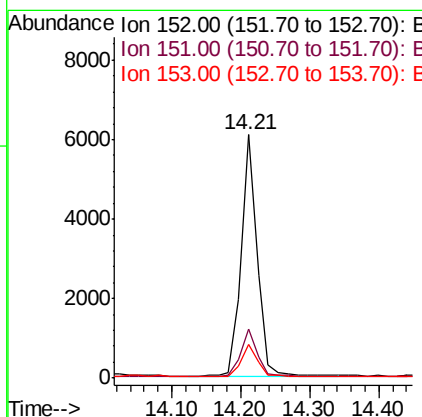
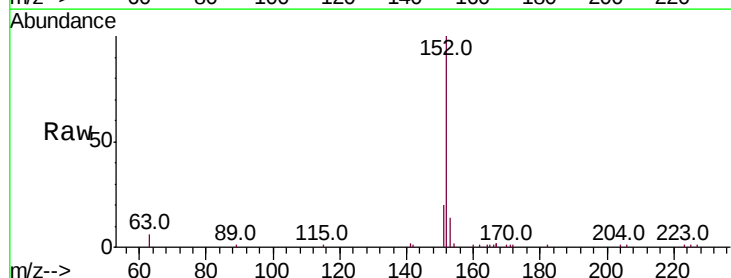
Instrument :
 BNA_E
 ClientSampled :

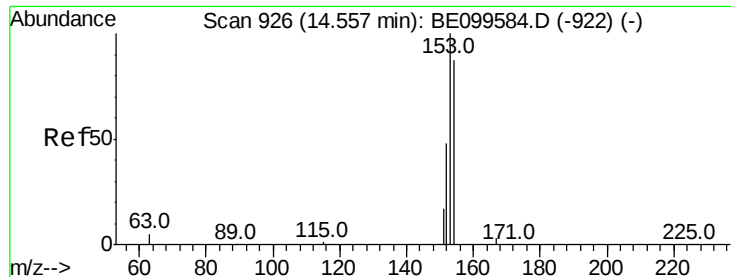
Tot Ion:172 Resp: 7083
 Ion Ratio Lower Upper
 172 100
 171 33.1 27.5 41.3
 170 23.0 19.1 28.7



#16
 Acenaphthylene
 Concen: 0.456 ng
 RT: 14.21 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BE099595.D
 Acq: 9 May 2019 18:57

Tgt Ion:152 Resp: 9698
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.5 23.3
 153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

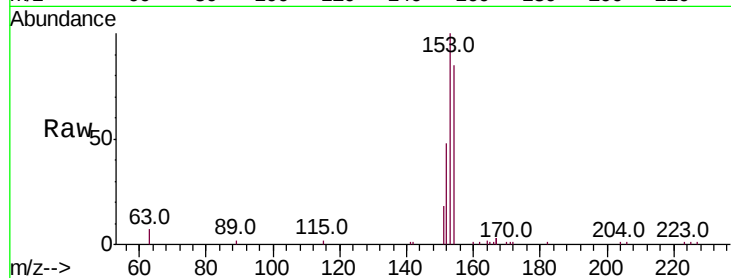
Tot Ion:154 Resp: 4840

Ion Ratio Lower Upper

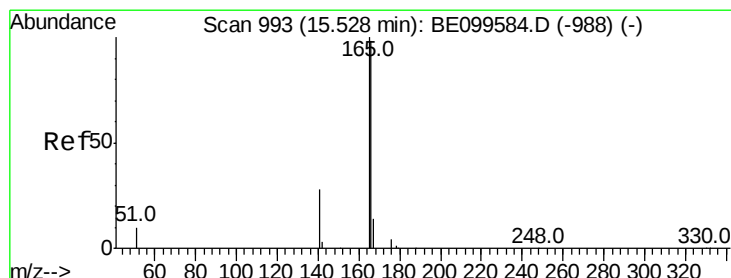
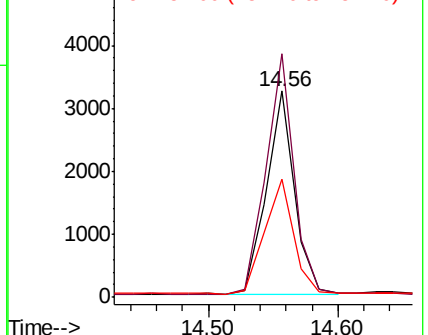
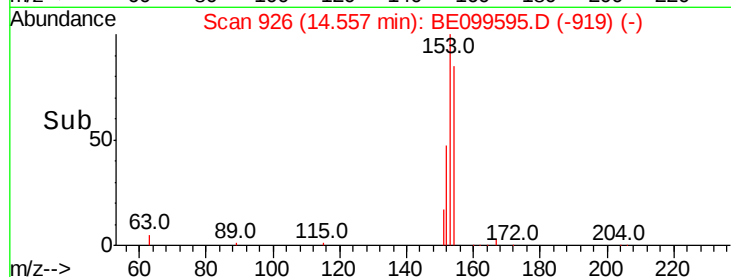
154 100

153 118.8 92.9 139.3

152 58.7 46.3 69.5



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: 0.418 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

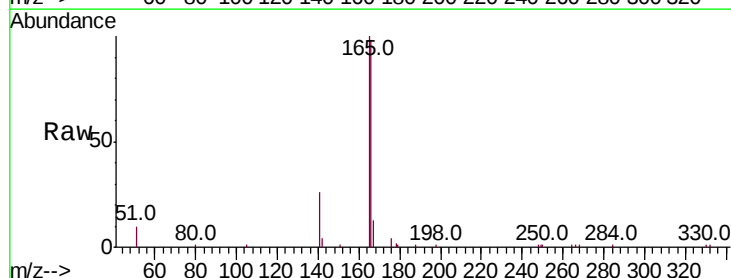
Tgt Ion:166 Resp: 7081

Ion Ratio Lower Upper

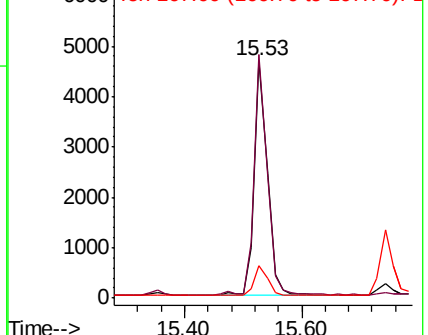
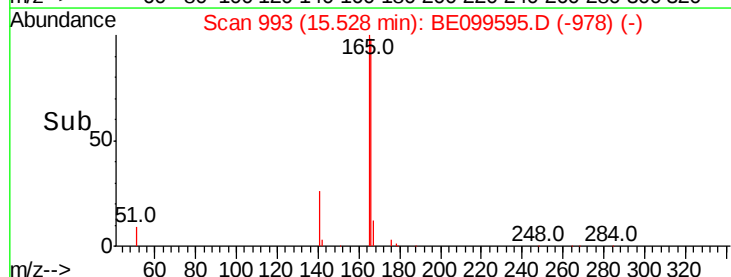
166 100

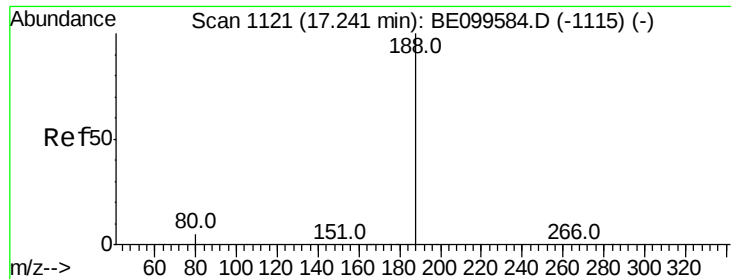
165 101.9 80.5 120.7

167 12.8 11.6 17.4



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

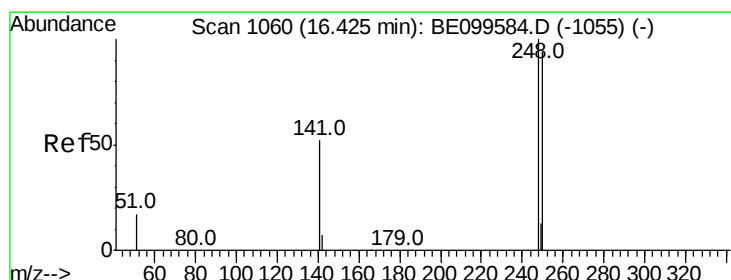
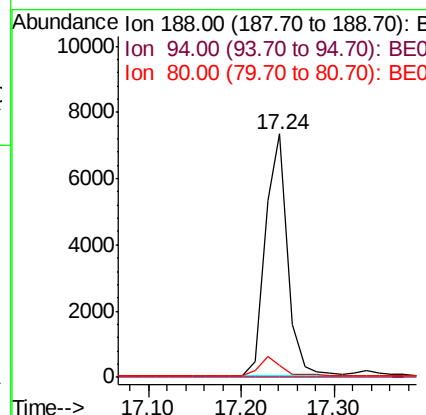
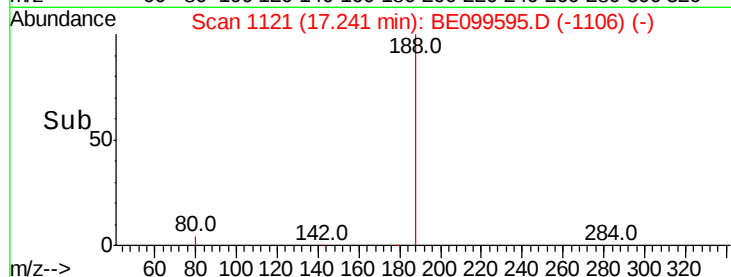
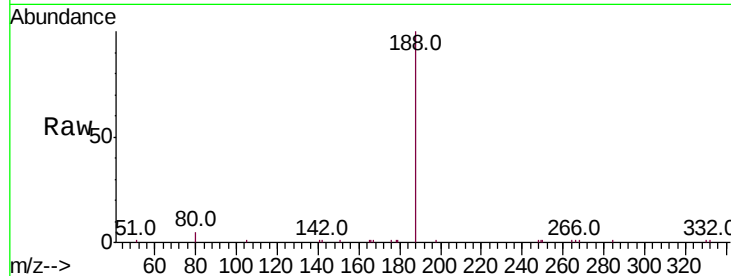




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

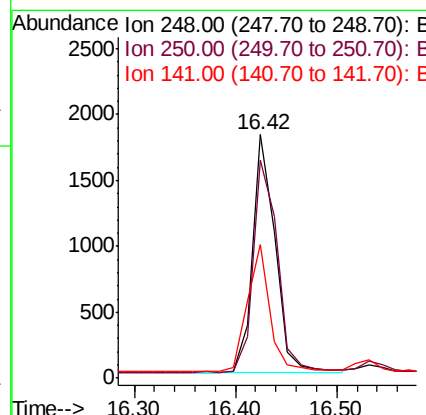
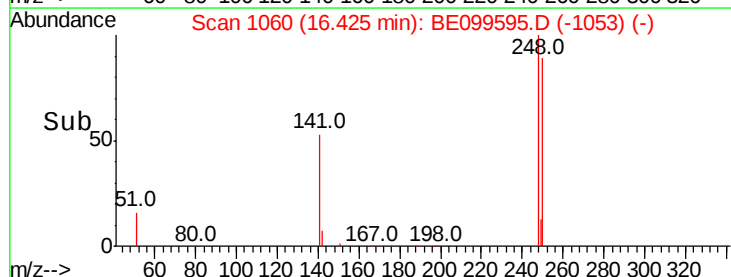
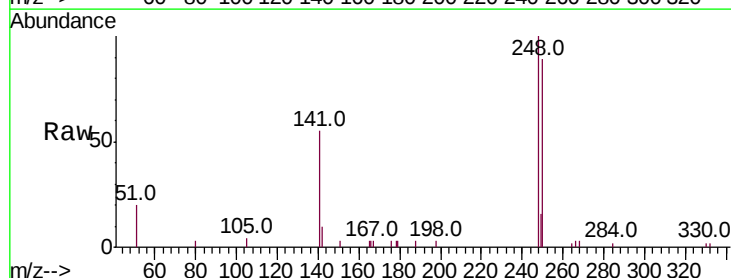
Instrument :
BNA_E
ClientSampleId :

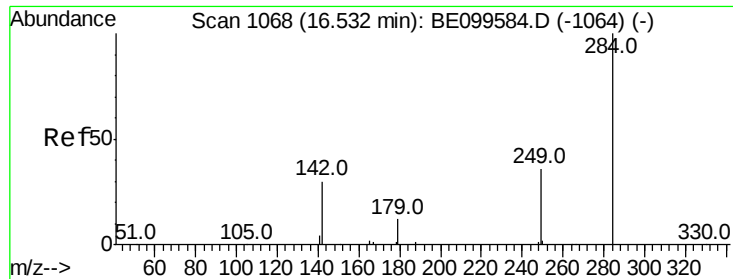
Tot Ion:188 Resp: 12168
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.0 4.4 6.6



#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

Tgt Ion:248 Resp: 2799
Ion Ratio Lower Upper
248 100
250 89.3 75.7 113.5
141 54.7 42.9 64.3





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

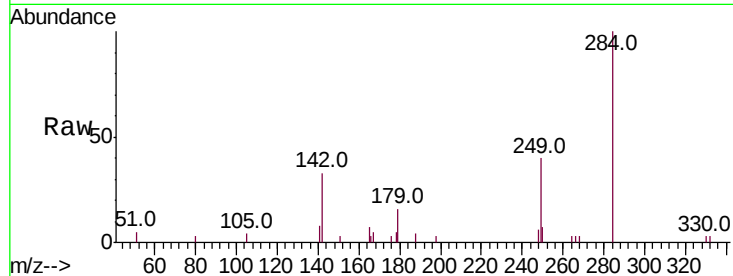
Tot Ion:284 Resp: 2865

Ion Ratio Lower Upper

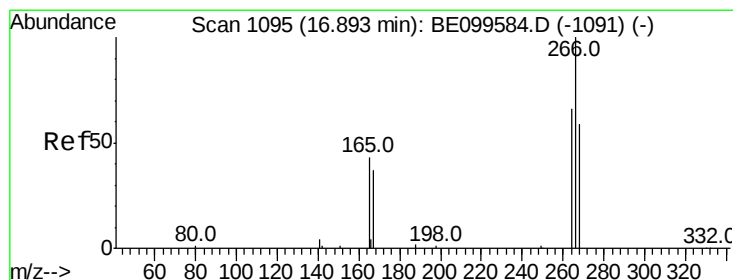
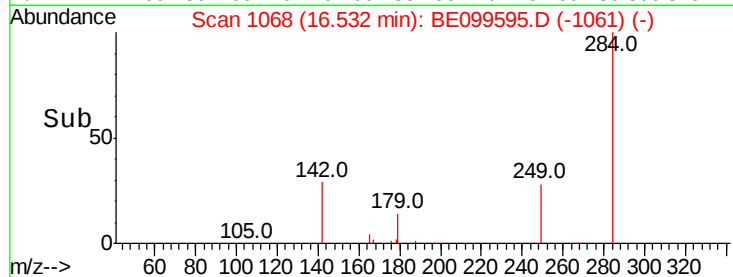
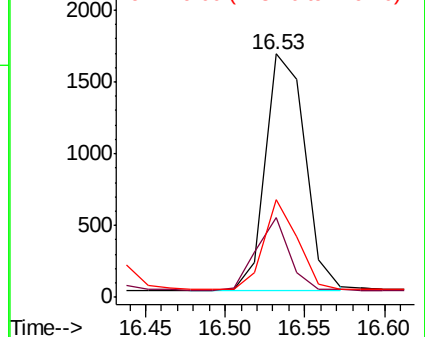
284 100

142 25.7 20.6 30.8

249 32.1 25.8 38.6



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: 0.549 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

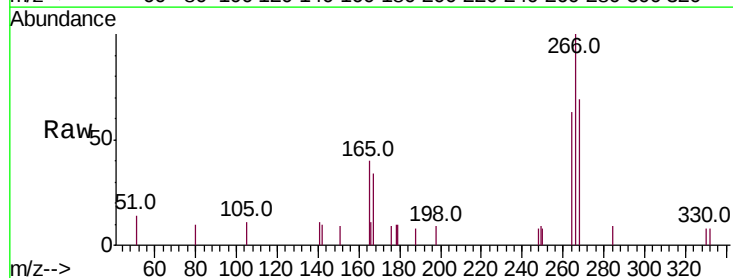
Tgt Ion:266 Resp: 1171

Ion Ratio Lower Upper

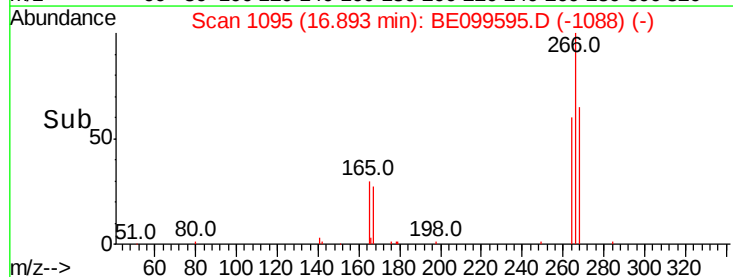
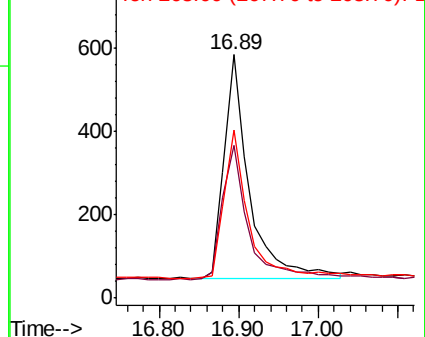
266 100

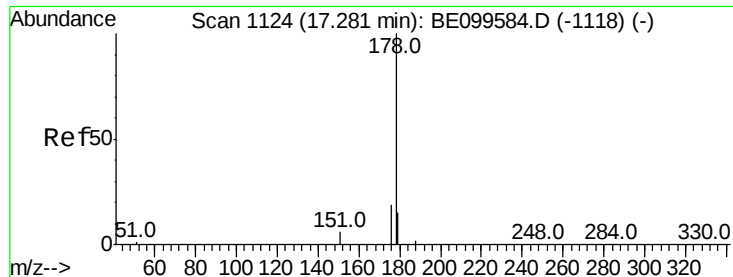
264 62.7 57.3 85.9

268 68.8 53.5 80.3



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: 0.597 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

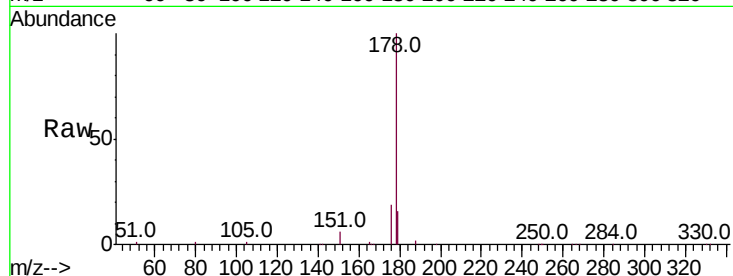
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 18030

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.1	12.2	18.2

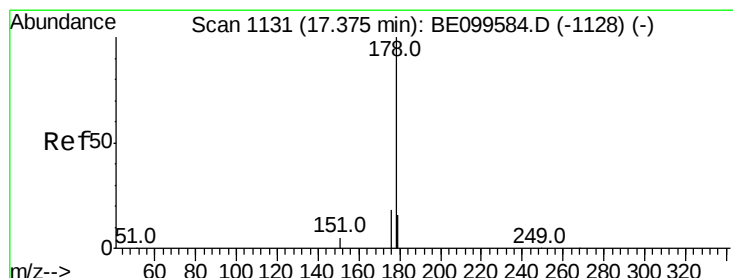
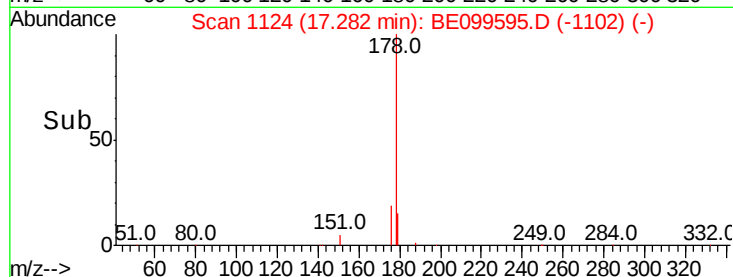
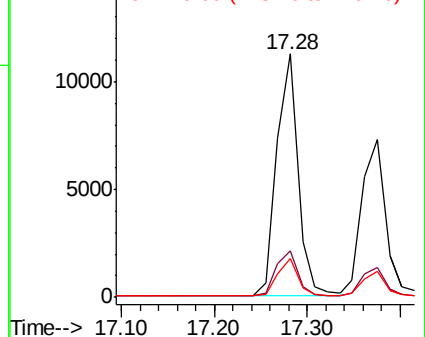


Abundance

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: 0.446 ng

RT: 17.38 min Scan# 1131

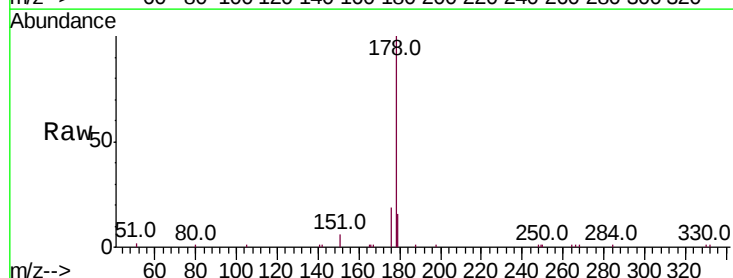
Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Tgt Ion:178 Resp: 12641

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.9	12.3	18.5

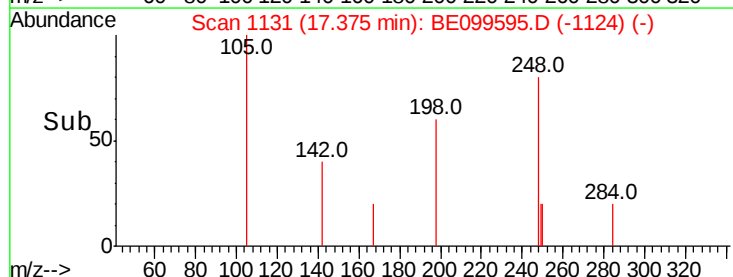
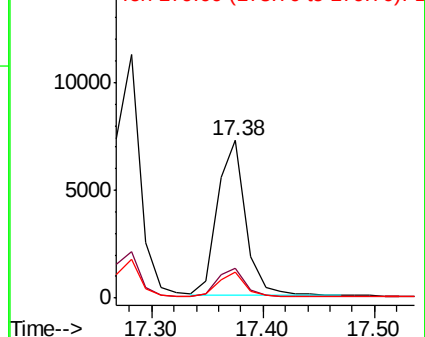


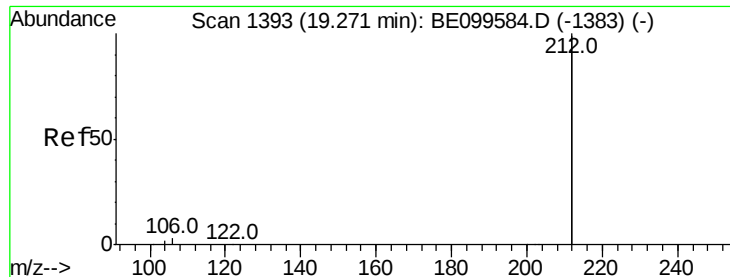
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

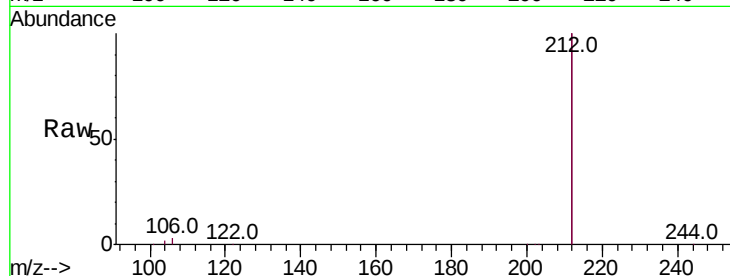
Tot Ion:212 Resp: 68960

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

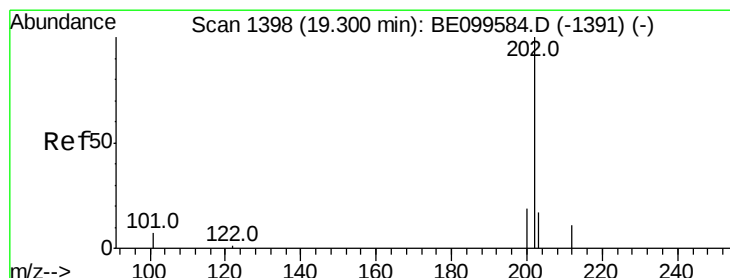
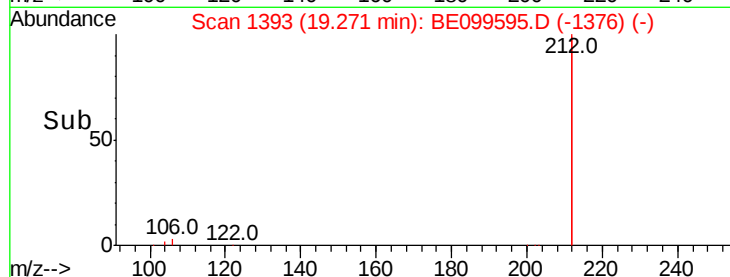
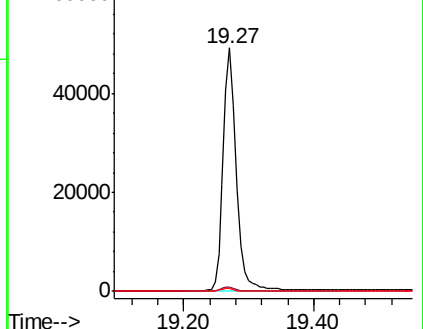
104 1.1 0.9 1.3



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: 0.463 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

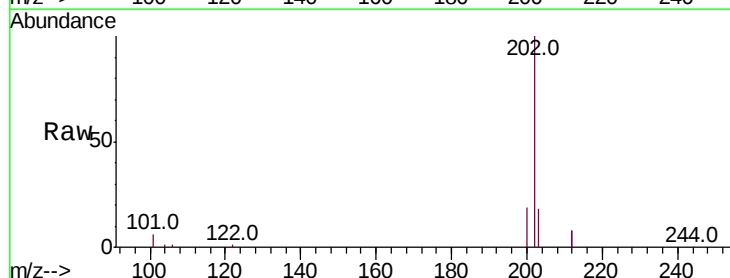
Tgt Ion:202 Resp: 21038

Ion Ratio Lower Upper

202 100

101 6.6 5.4 8.2

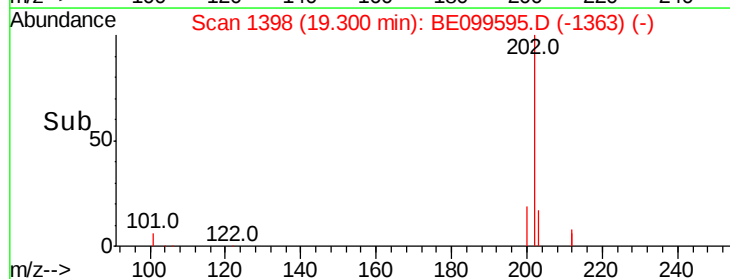
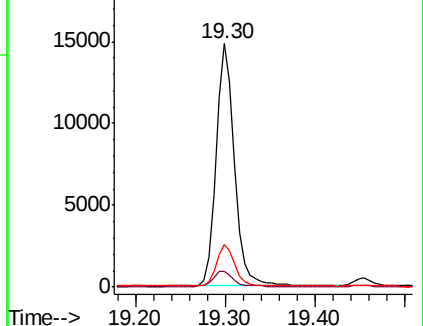
203 17.1 13.7 20.5

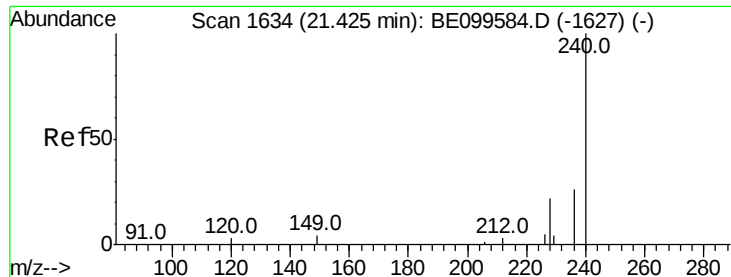


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

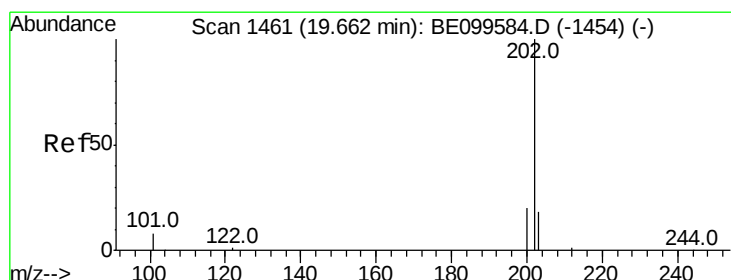
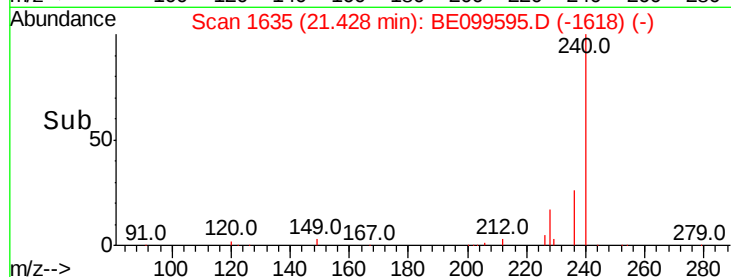
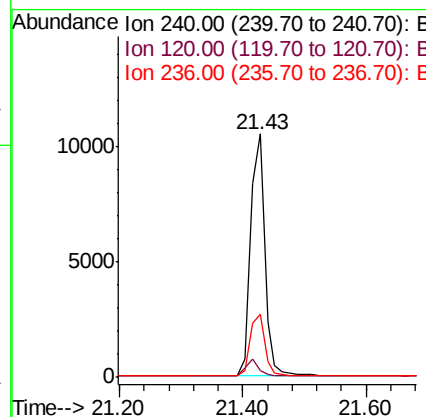
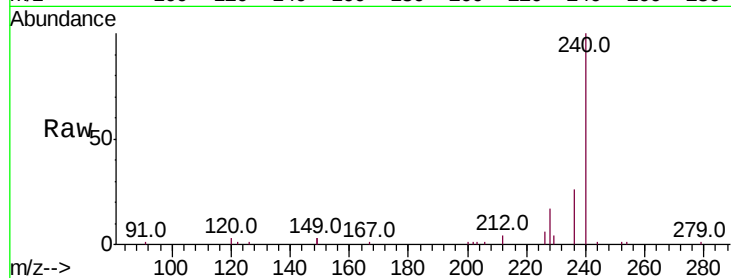




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

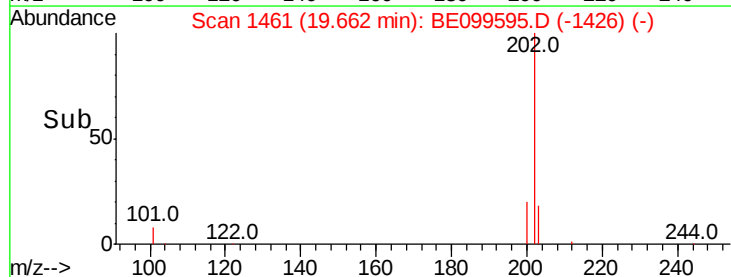
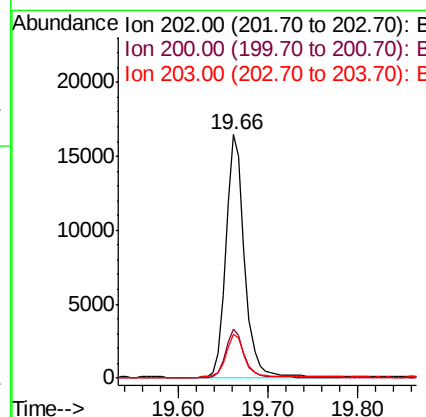
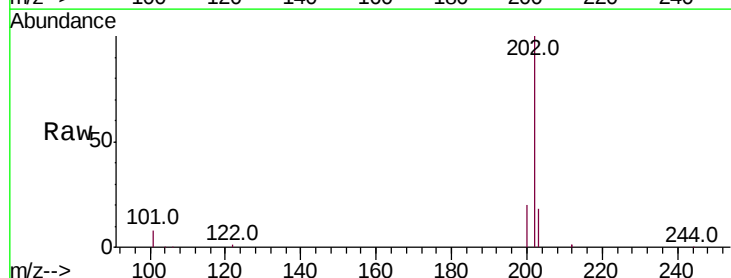
Instrument :
BNA_E
ClientSampled :

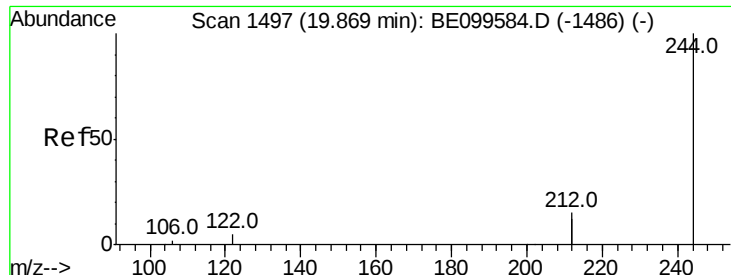
Tot Ion:240 Resp: 16842
Ion Ratio Lower Upper
240 100
120 3.0 3.2 4.8#
236 26.1 21.0 31.6



#28
Pyrene
Concen: 0.524 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

Tgt Ion:202 Resp: 23258
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 18.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.450 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

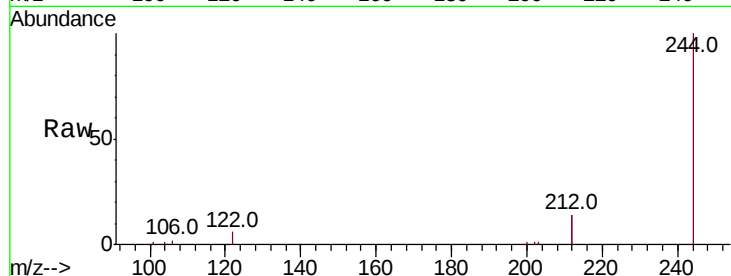
Tot Ion:244 Resp: 13461

Ion Ratio Lower Upper

244 100

212 29.0 24.4 36.6

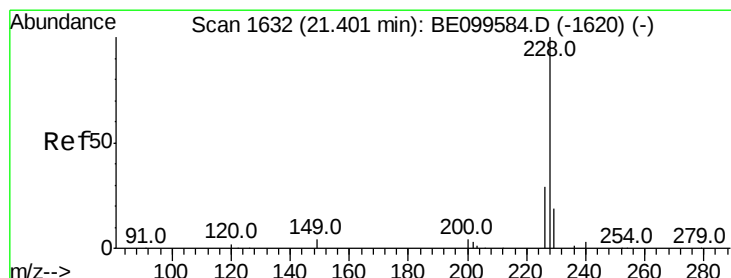
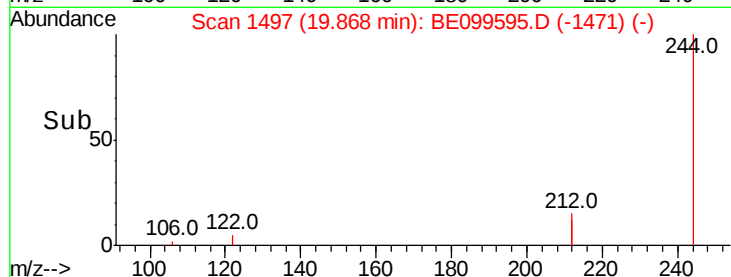
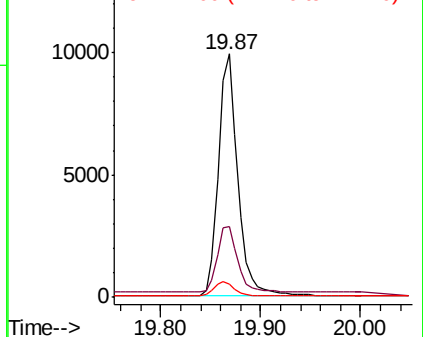
122 5.6 4.6 6.8



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: 0.480 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

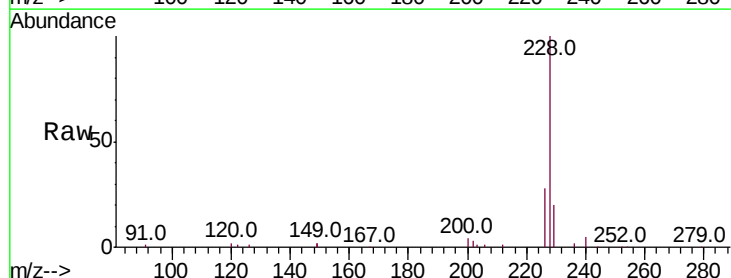
Tgt Ion:228 Resp: 24671

Ion Ratio Lower Upper

228 100

226 28.4 23.3 34.9

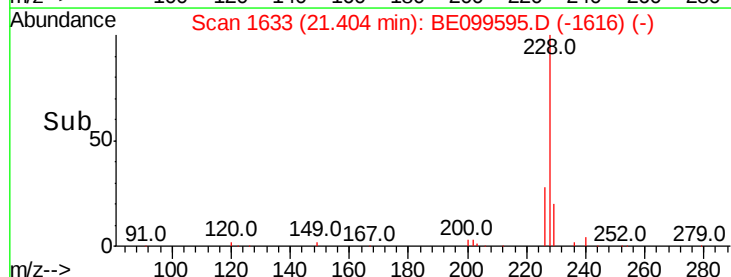
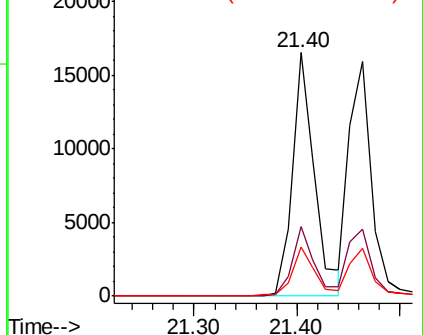
229 19.9 15.5 23.3

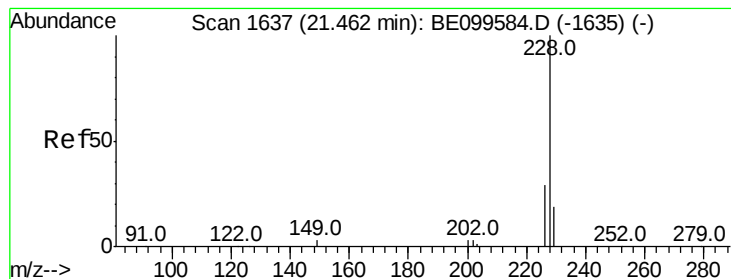


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.465 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

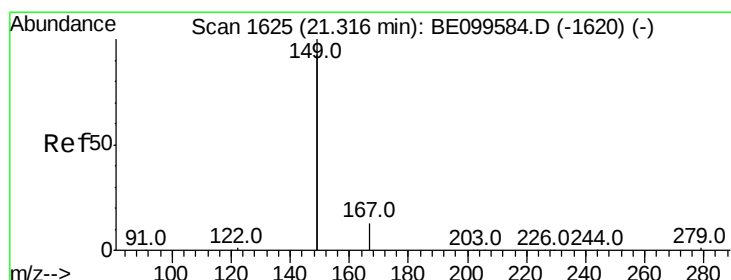
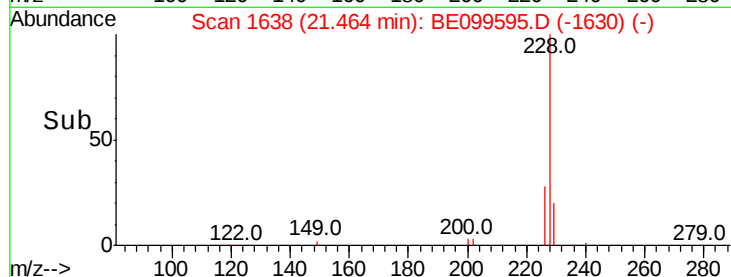
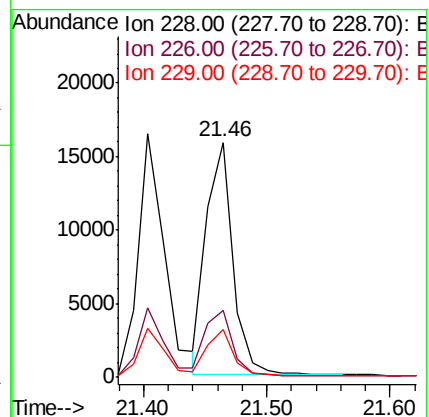
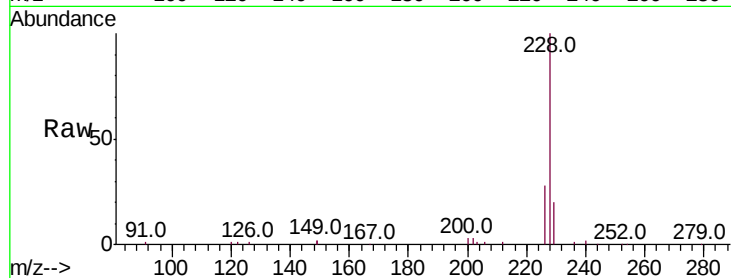
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 23928

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	20.1	15.6	23.4



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.434 ng

RT: 21.32 min Scan# 1626

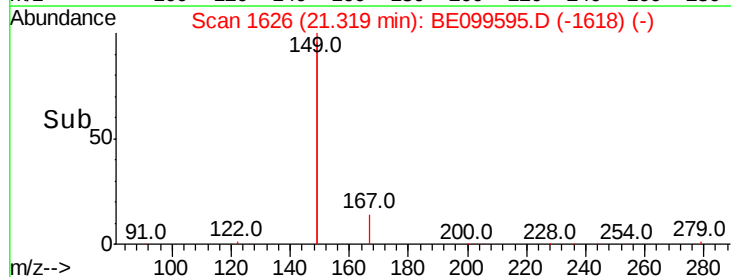
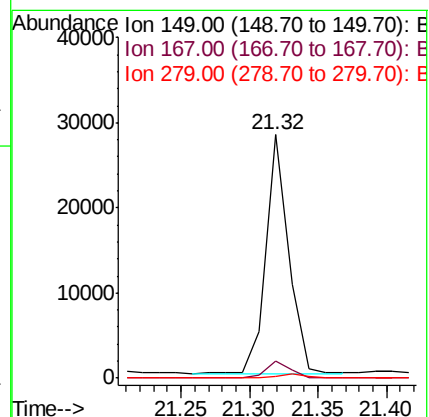
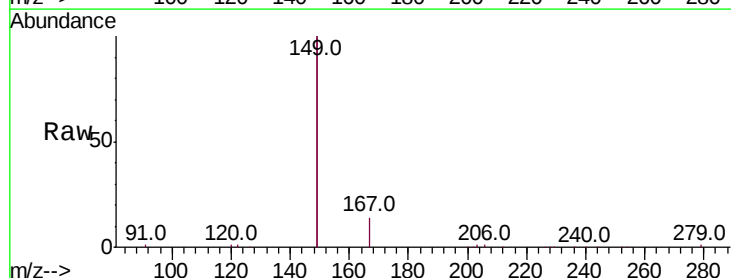
Delta R.T. 0.00 min

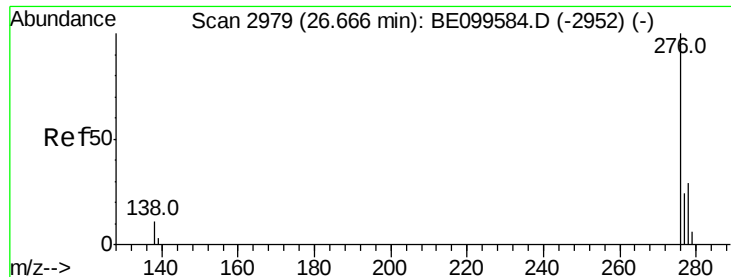
Lab File: BE099595.D

Acq: 9 May 2019 18:57

Tgt Ion:149 Resp: 32113

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.4	1.1	1.7

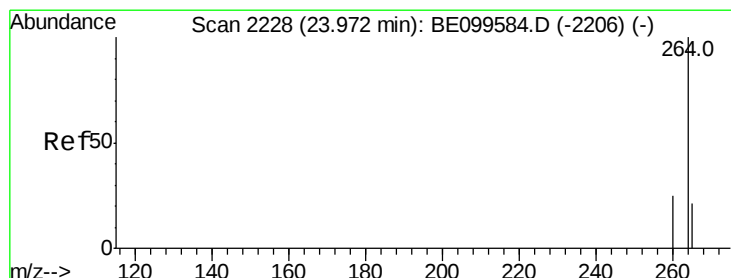
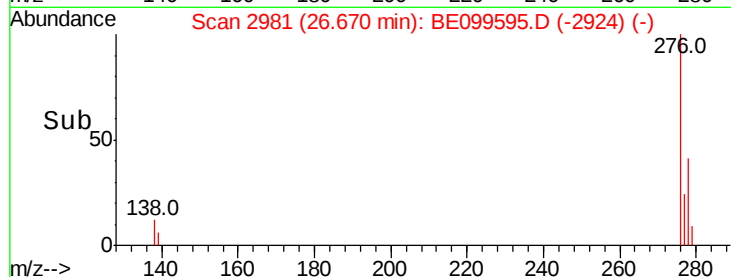
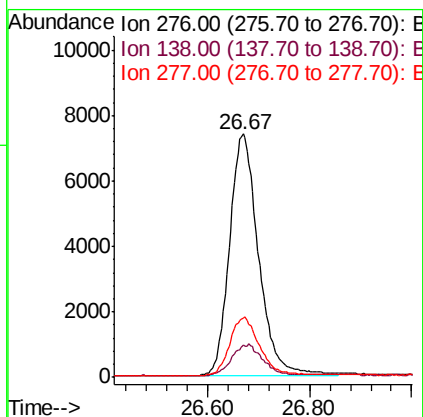
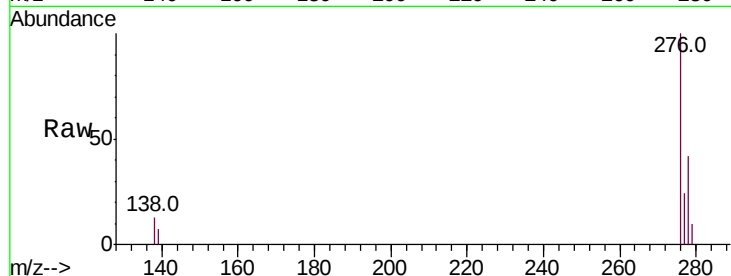




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.454 ng
 RT: 26.67 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BE099595.D
 Acq: 9 May 2019 18:57

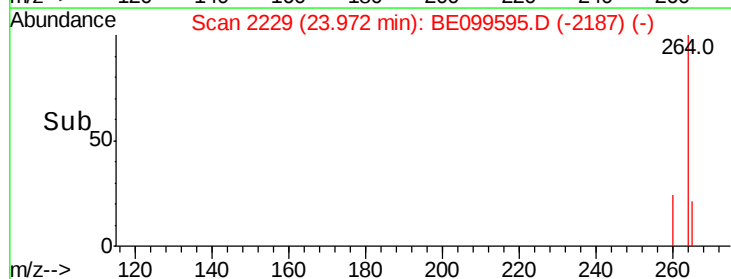
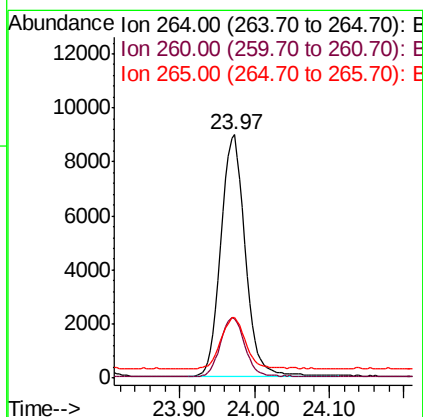
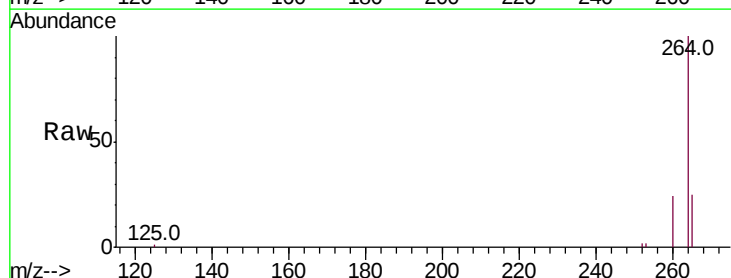
Instrument :
 BNA_E
 ClientSampleId :

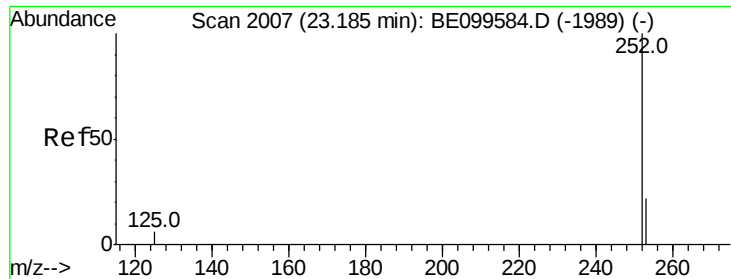
Tot Ion:276 Resp: 29105
 Ion Ratio Lower Upper
 276 100
 138 13.4 10.2 15.2
 277 24.2 19.8 29.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BE099595.D
 Acq: 9 May 2019 18:57

Tgt Ion:264 Resp: 20191
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.3 30.5
 265 24.7 20.9 31.3

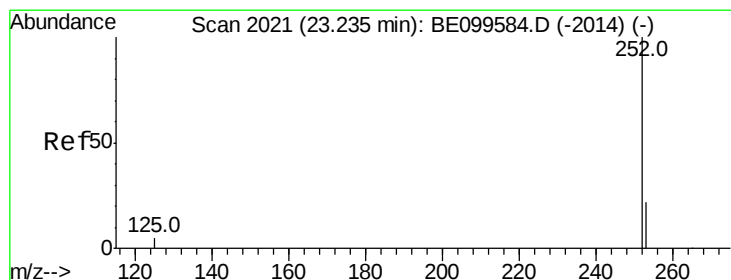
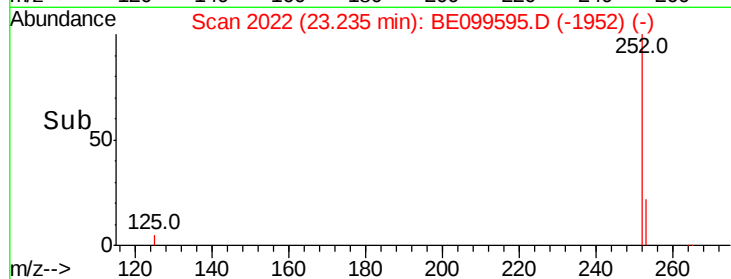
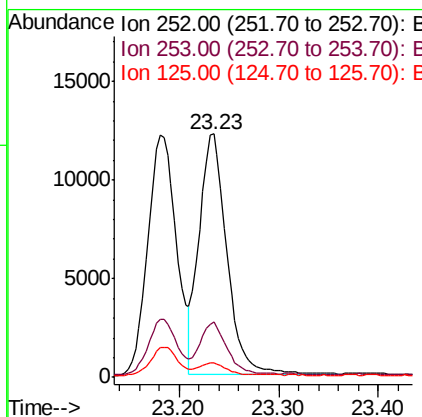
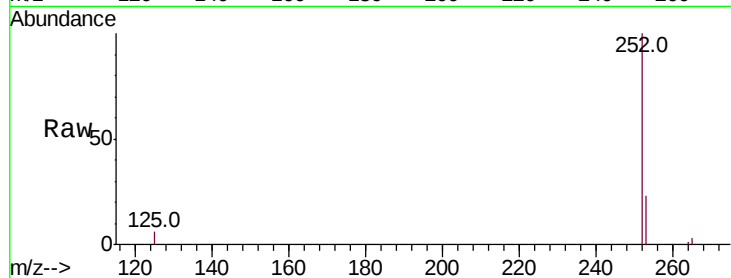




#35
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 23.23 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

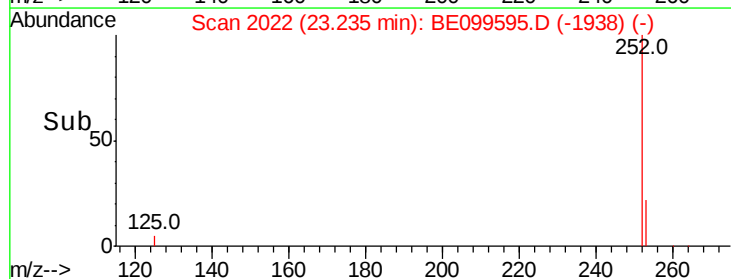
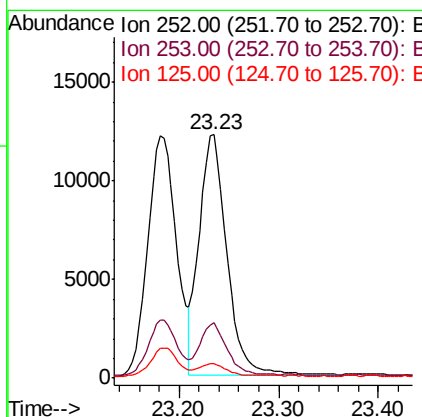
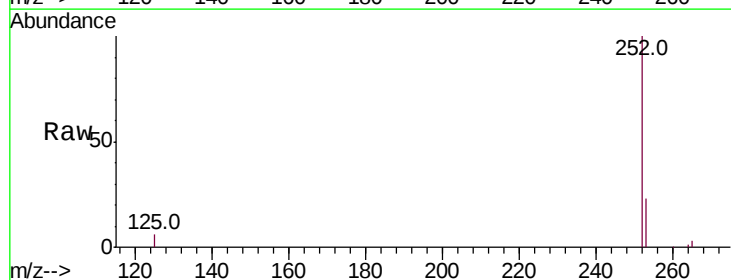
Instrument :
BNA_E
ClientSampleId :

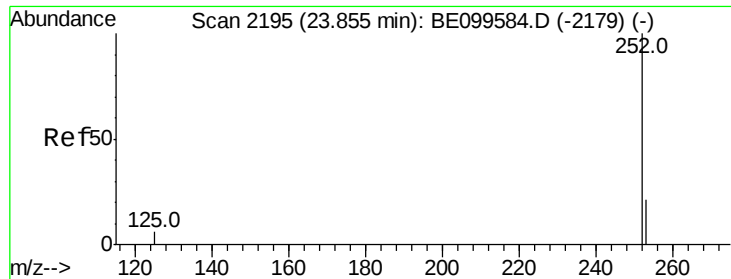
Tot Ion:252 Resp: 23600
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 6.1 6.0 9.0



#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.23 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099595.D
Acq: 9 May 2019 18:57

Tgt Ion:252 Resp: 23600
Ion Ratio Lower Upper
252 100
253 22.6 18.7 28.1
125 6.1 5.1 7.7





#37

Benzo(a)pyrene

Concen: 0.438 ng

RT: 23.85 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

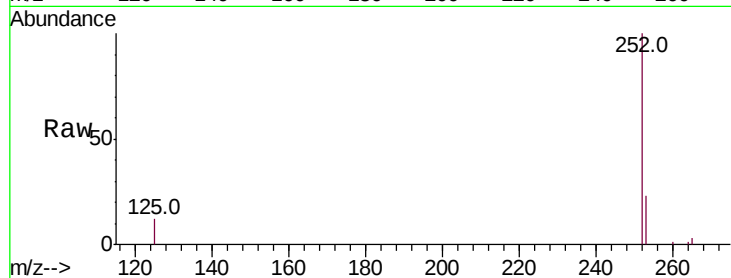
Tot Ion:252 Resp: 23664

Ion Ratio Lower Upper

252 100

253 23.4 18.6 27.8

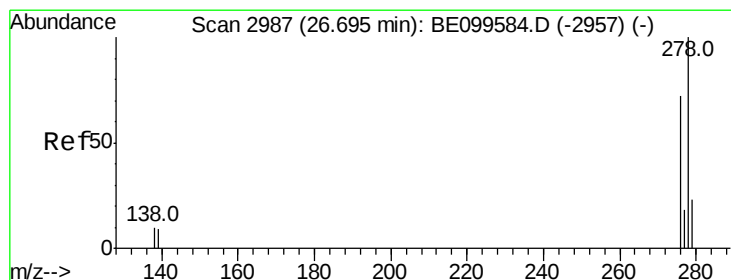
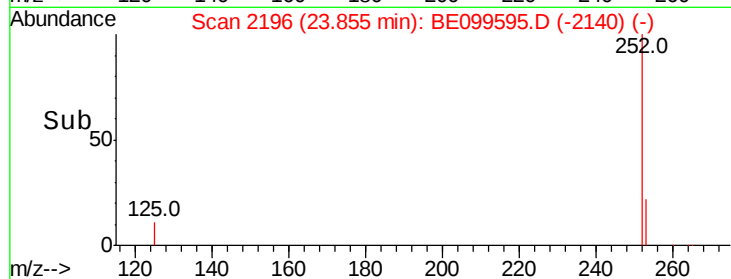
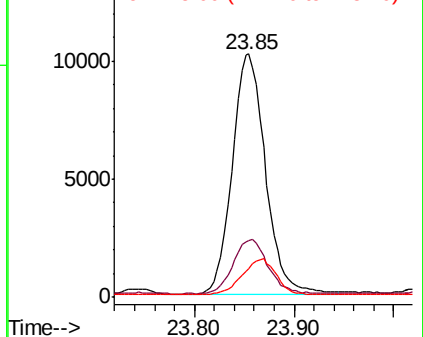
125 11.9 6.4 9.6#



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: 0.417 ng

RT: 26.70 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

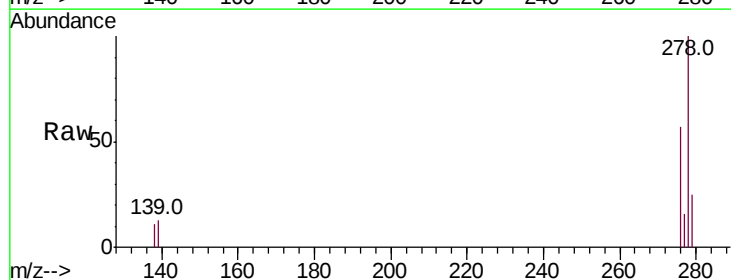
Tgt Ion:278 Resp: 23544

Ion Ratio Lower Upper

278 100

139 12.8 8.3 12.5#

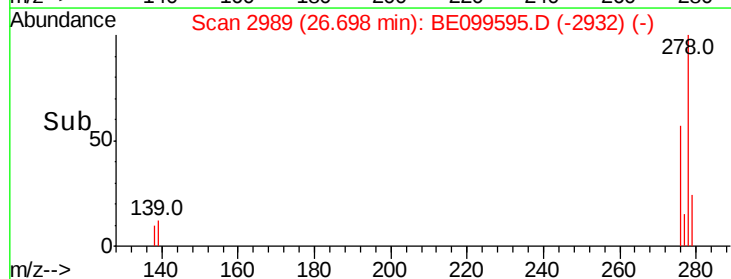
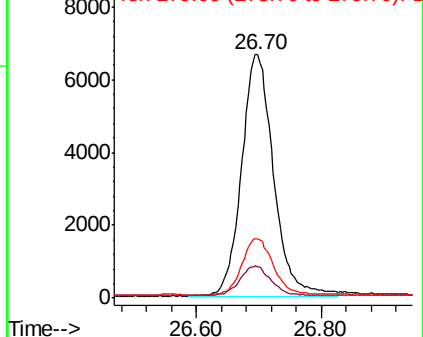
279 24.6 19.4 29.2

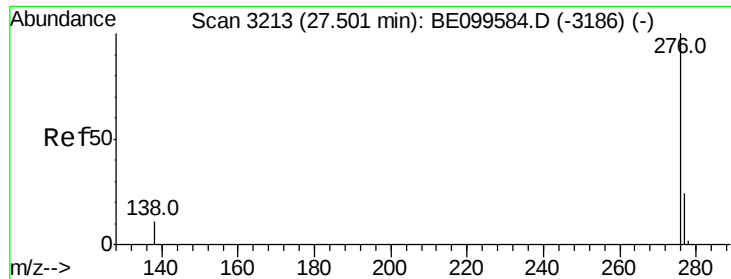


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.415 ng

RT: 27.50 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BE099595.D

Acq: 9 May 2019 18:57

Instrument :

BNA_E

ClientSampleId :

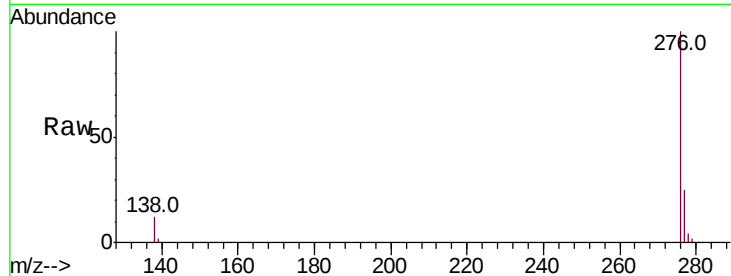
Tot Ion:276 Resp: 23748

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

138 11.5 9.4 14.2



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

