

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099204.D
 Acq On : 26 Mar 2019 7:08
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 26 08:08:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4262	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	19255	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	13849	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	37231	0.40	ng	0.00
27) Chrysene-d12	21.38	240	44050	0.40	ng	-0.01
34) Perylene-d12	23.90	264	41721	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4363	0.34	ng	0.00
5) Phenol-d6	6.99	99	6883	0.35	ng	0.00
8) Nitrobenzene-d5	8.99	82	5242	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	13378	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1624	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20424	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	162469	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	31602	0.33	ng	0.00

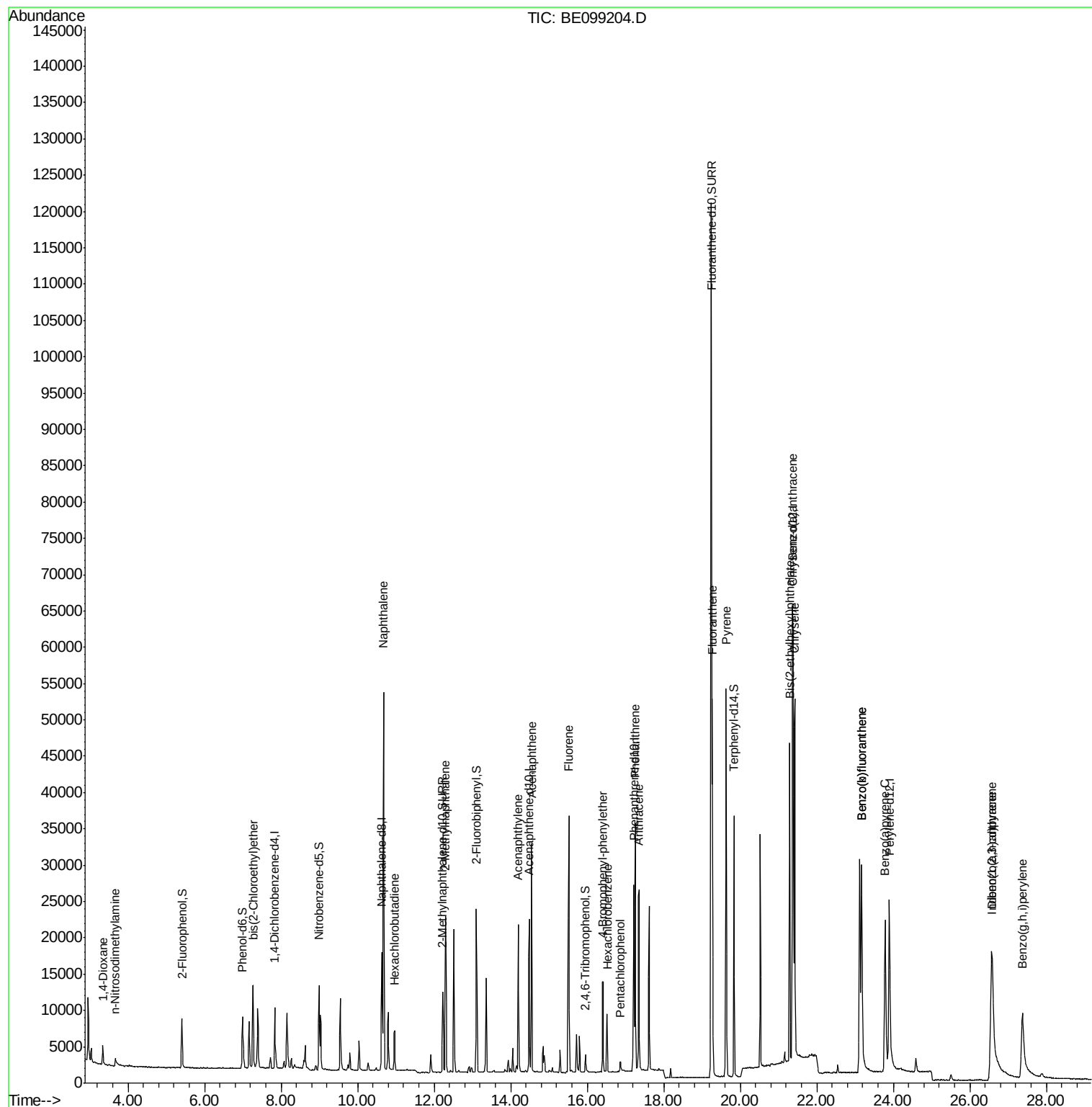
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2050	0.365	ng	98
3) n-Nitrosodimethylamine	3.67	42	939	0.299	ng	# 93
6) bis(2-Chloroethyl)ether	7.26	93	5361	0.351	ng	97
9) Naphthalene	10.68	128	80761	0.356	ng	99
10) Hexachlorobutadiene	10.96	225	4444	0.367	ng	97
12) 2-Methylnaphthalene	12.30	142	14098	0.347	ng	98
16) Acenaphthylene	14.20	152	23367	0.331	ng	99
17) Acenaphthene	14.54	154	14774	0.350	ng	98
18) Fluorene	15.51	166	20664	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	7779	0.324	ng	99
21) Hexachlorobenzene	16.52	284	7633	0.329	ng	98
22) Pentachlorophenol	16.87	266	1250	0.596	ng	92
23) Phenanthrene	17.26	178	36972	0.338	ng	99
24) Anthracene	17.35	178	32343	0.327	ng	99
26) Fluoranthene	19.27	202	47989	0.344	ng	99
28) Pyrene	19.63	202	49261	0.337	ng	100
30) Benzo(a)anthracene	21.37	228	48341	0.333	ng	100
31) Chrysene	21.43	228	52129	0.336	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	53921	0.311	ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	42168	0.287	ng	98
35) Benzo(b)fluoranthene	23.17	252	51100	0.372	ng	99
36) Benzo(k)fluoranthene	23.17	252	53004	0.365	ng	99
37) Benzo(a)pyrene	23.78	252	44328	0.346	ng	99
38) Dibenzo(a,h)anthracene	26.59	278	33054	0.290	ng	# 95
39) Benzo(g,h,i)perylene	27.38	276	34855	0.305	ng	98

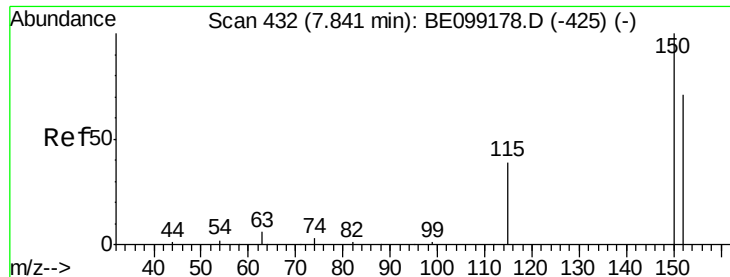
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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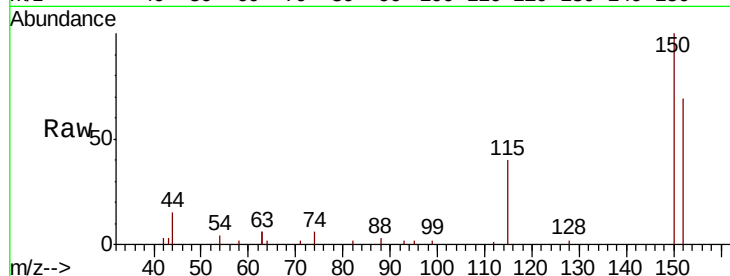


#1

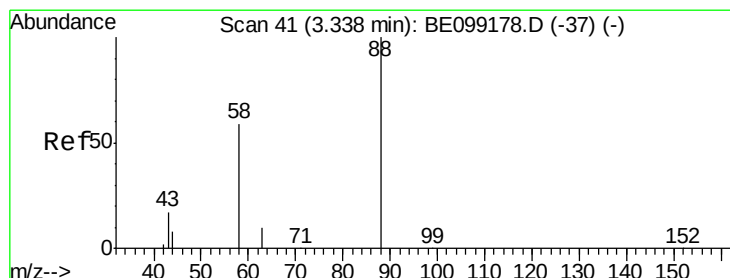
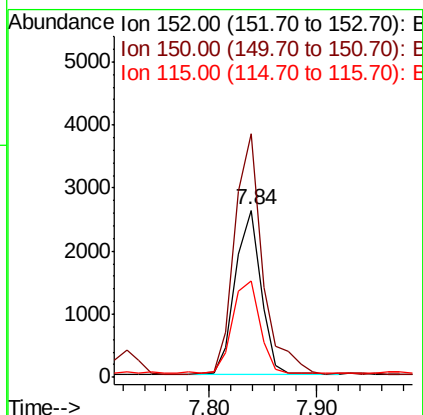
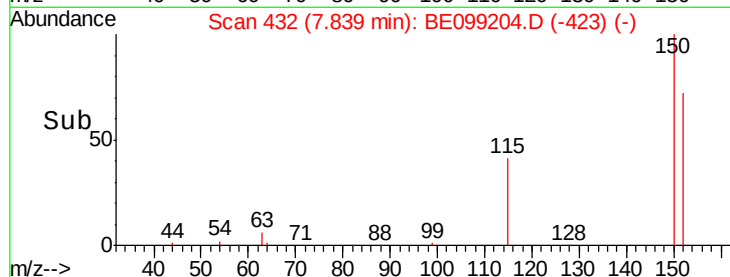
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 152 Resp: 4262
Ion Ratio Lower Upper
152 100
150 145.6 112.8 169.2
115 57.9 45.1 67.7



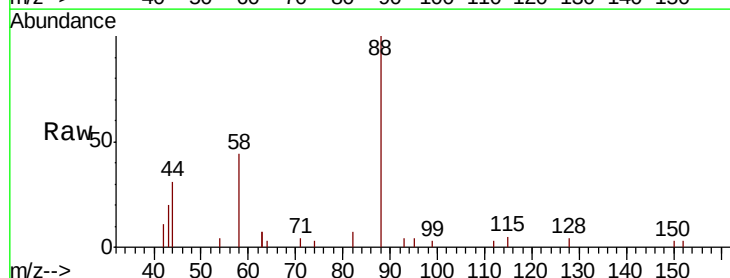
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



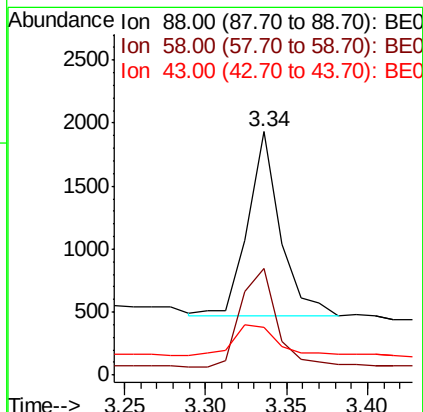
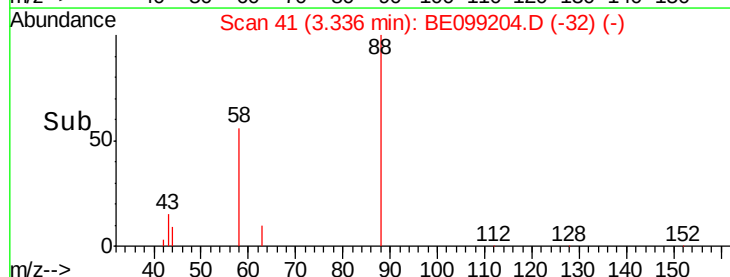
#2

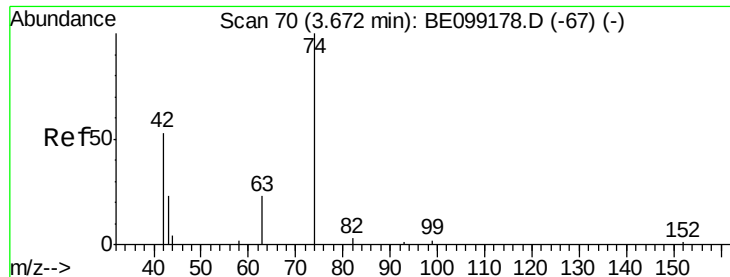
1,4-Dioxane
Concen: 0.365 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion: 88 Resp: 2050
Ion Ratio Lower Upper
88 100
58 58.8 47.4 71.0
43 21.6 15.6 23.4



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





#3

n-Nitrosodimethylamine

Concen: 0.299 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

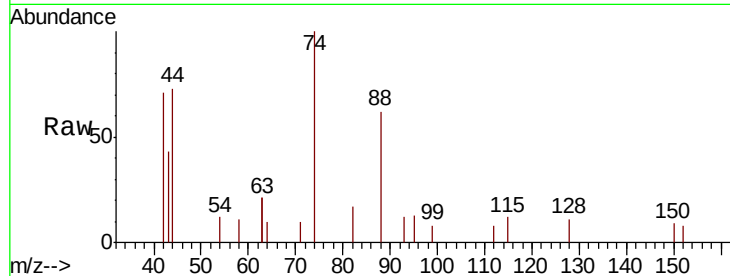
Tgt Ion: 42 Resp: 939

Ion Ratio Lower Upper

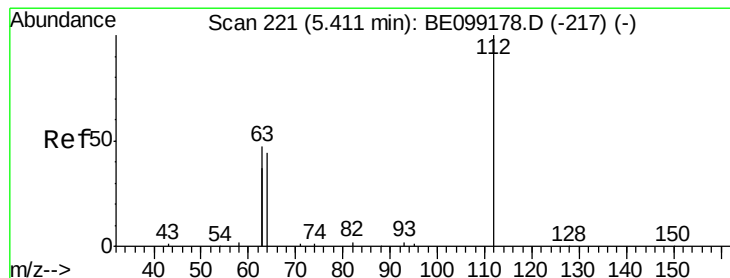
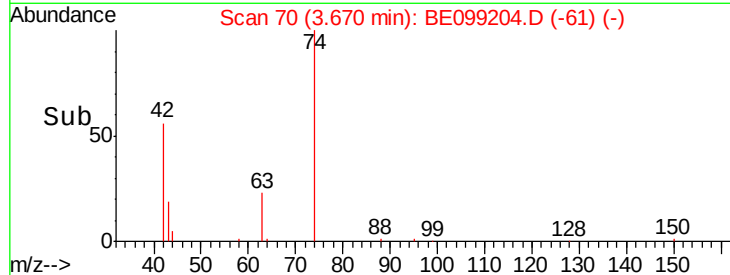
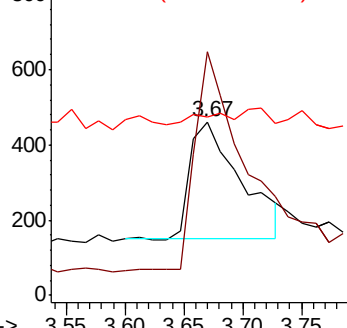
42 100

74 178.2 138.6 207.8

44 0.0 15.0 22.6#



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: 0.343 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

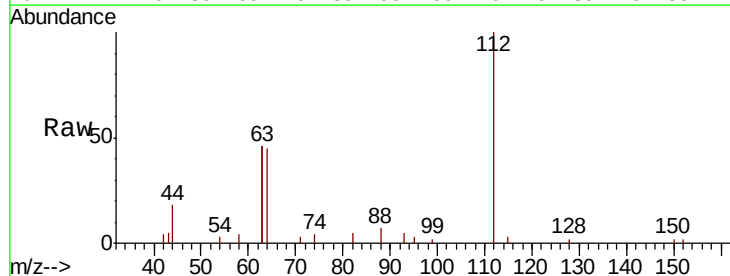
Tgt Ion: 112 Resp: 4363

Ion Ratio Lower Upper

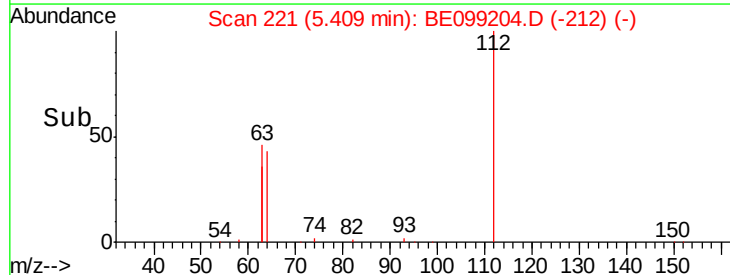
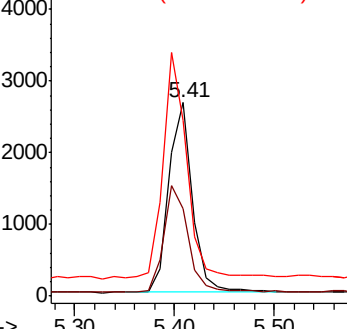
112 100

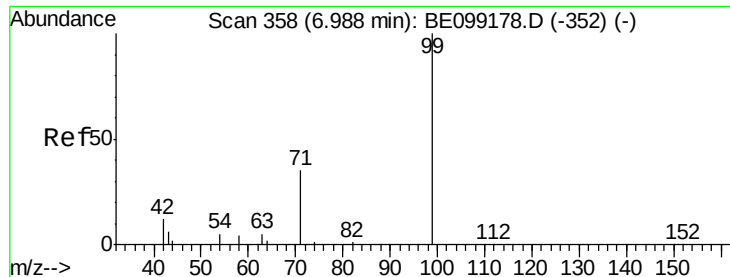
64 57.7 46.2 69.2

63 122.8 89.9 134.9



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: 0.354 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampled :

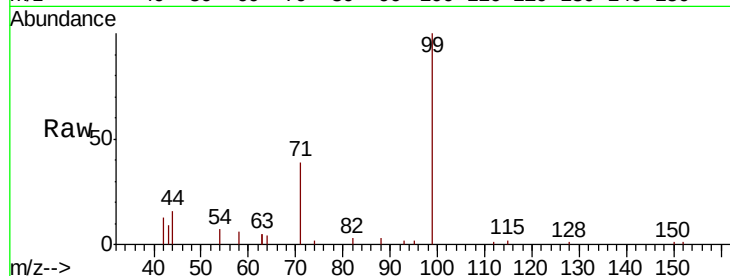
Tgt Ion: 99 Resp: 6883

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

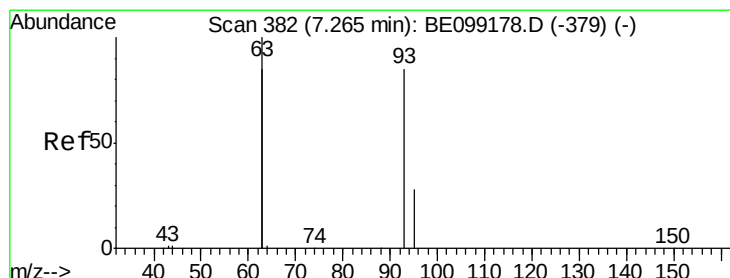
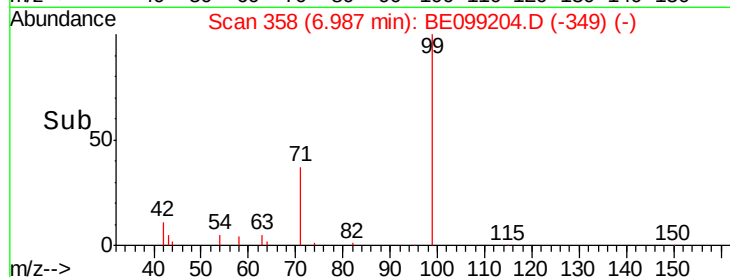
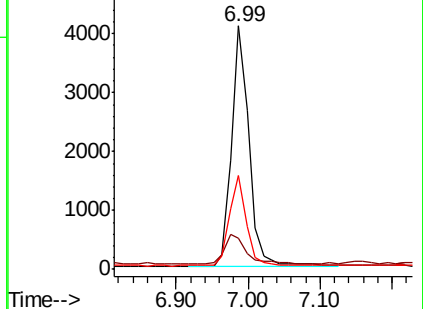
71 36.4 28.4 42.6



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: 0.351 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

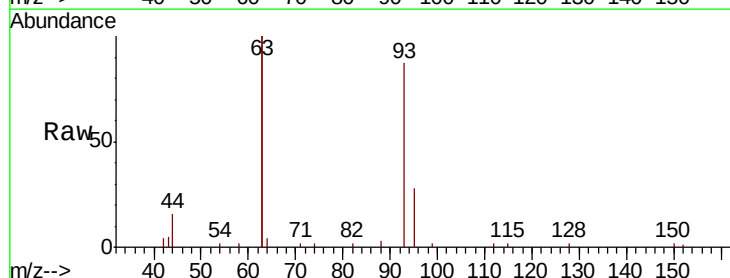
Tgt Ion: 93 Resp: 5361

Ion Ratio Lower Upper

93 100

63 269.9 221.4 332.0

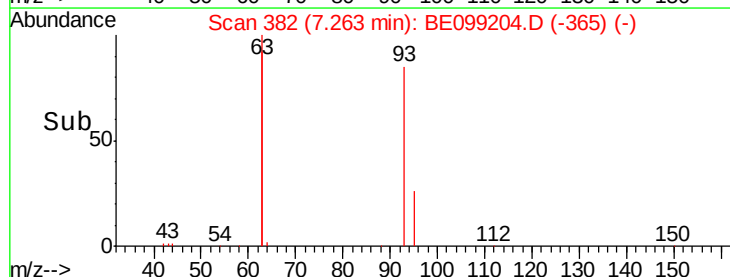
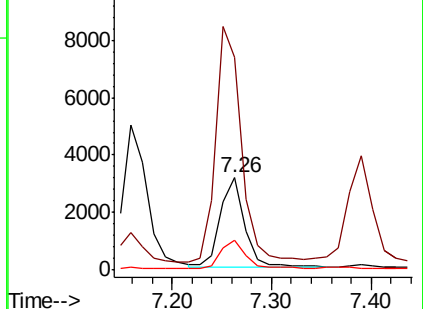
95 31.4 25.8 38.8

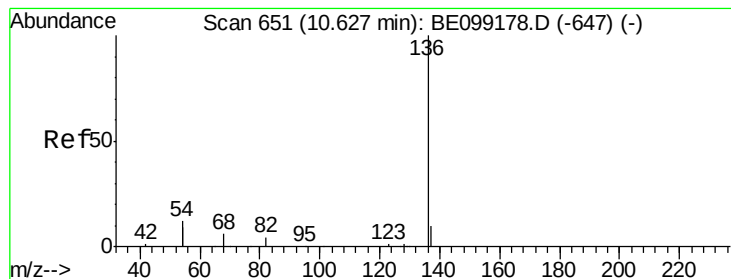


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 136 Resp: 19255

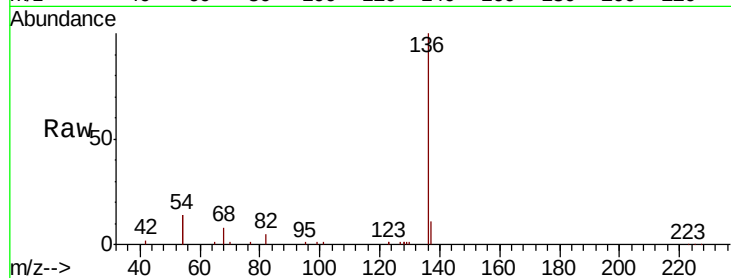
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 27.7 18.7 28.1

68 7.8 5.2 7.8

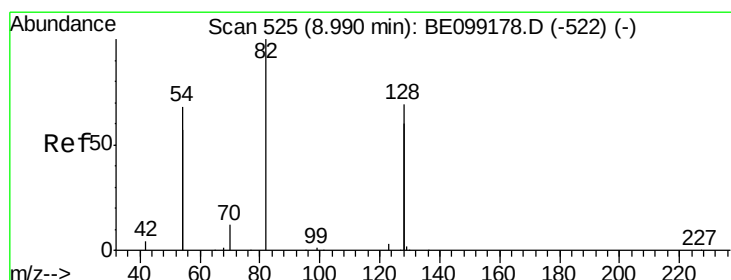
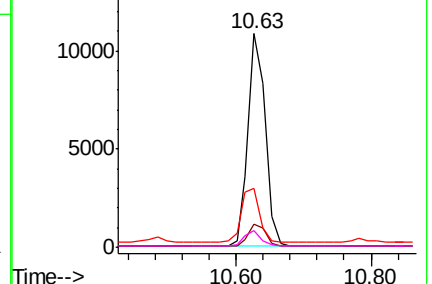
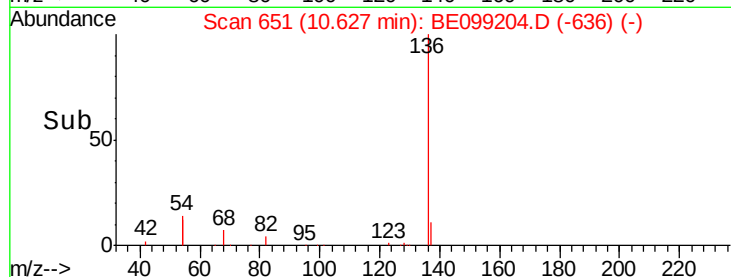


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

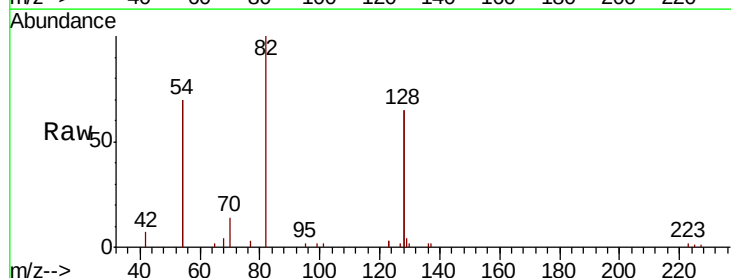
Tgt Ion: 82 Resp: 5242

Ion Ratio Lower Upper

82 100

128 130.7 107.5 161.3

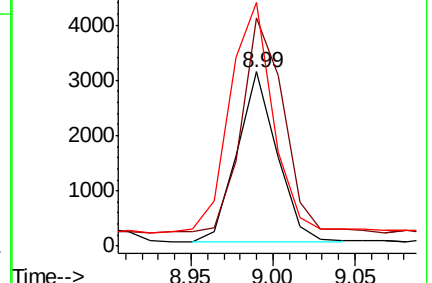
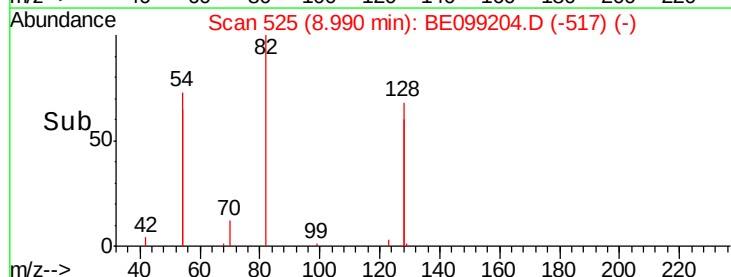
54 139.7 106.3 159.5

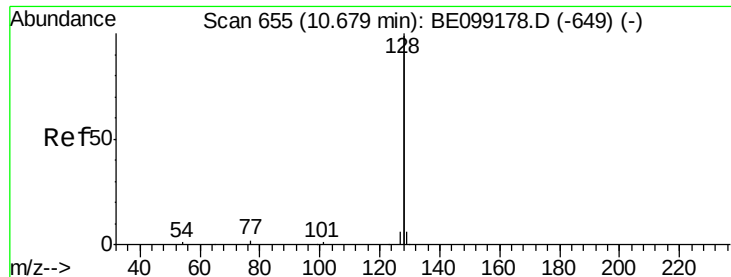


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

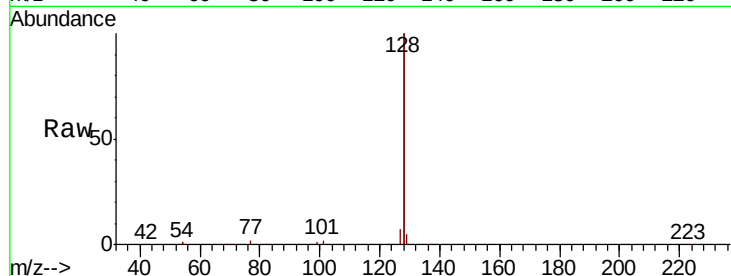
Tgt Ion:128 Resp: 80761

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

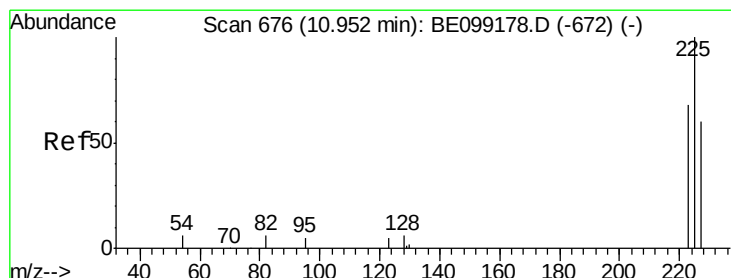
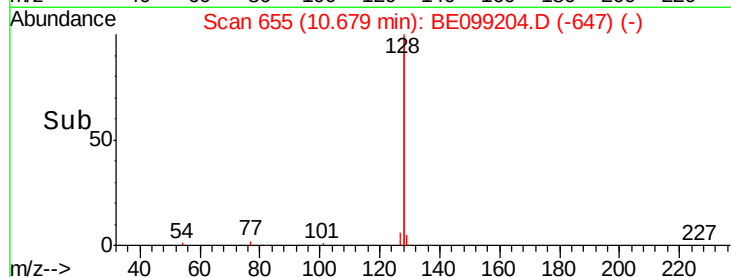
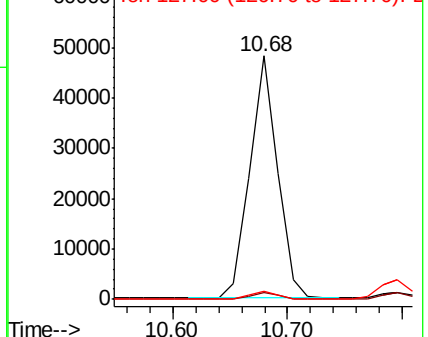
127 3.4 2.6 3.8



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: 0.367 ng

RT: 10.96 min Scan# 677

Delta R.T. 0.01 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

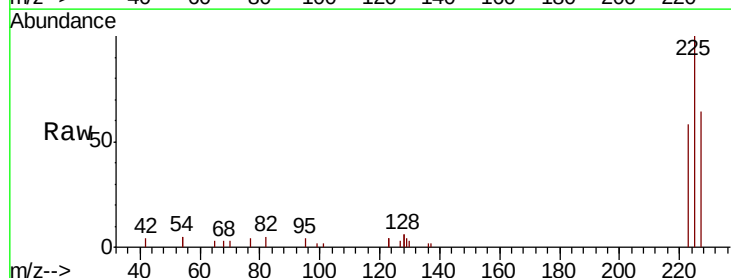
Tgt Ion:225 Resp: 4444

Ion Ratio Lower Upper

225 100

223 61.3 51.3 76.9

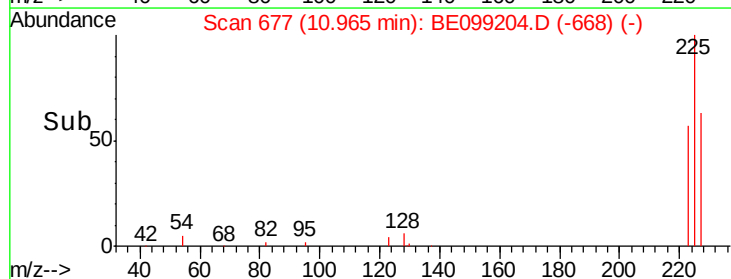
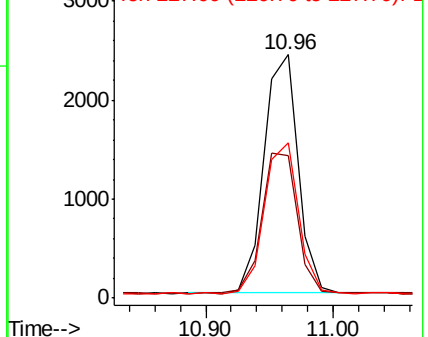
227 63.1 48.6 73.0

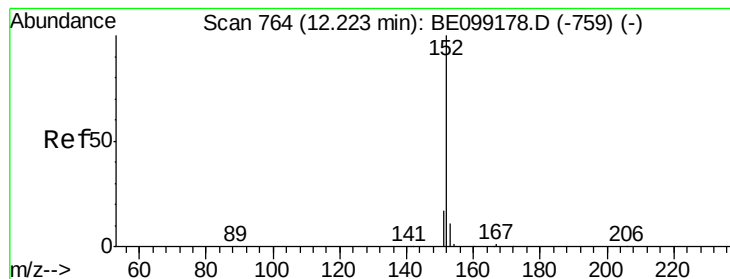


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

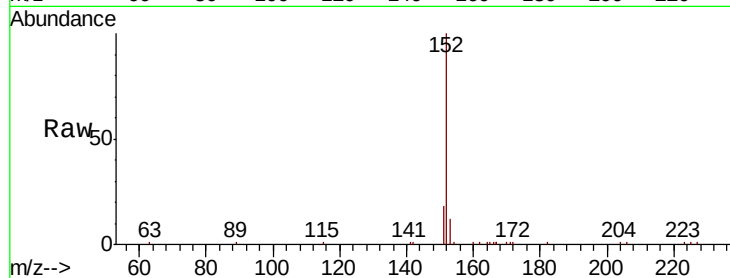
ClientSampleId :

Tgt Ion:152 Resp: 13378

Ion Ratio Lower Upper

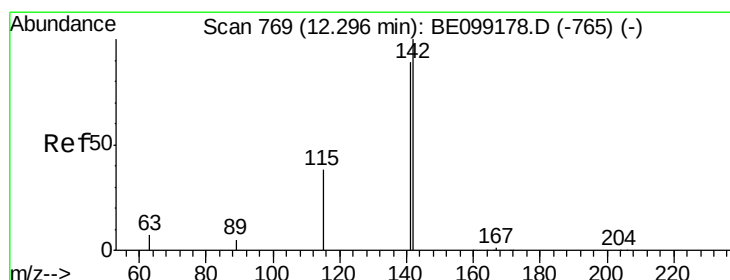
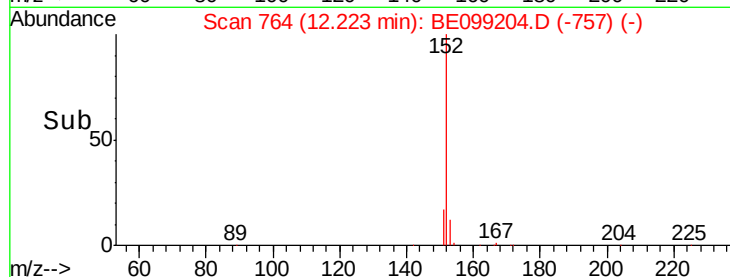
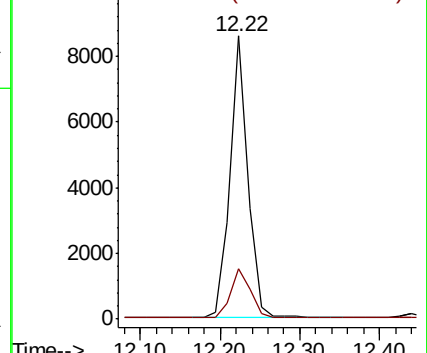
152 100

151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.347 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

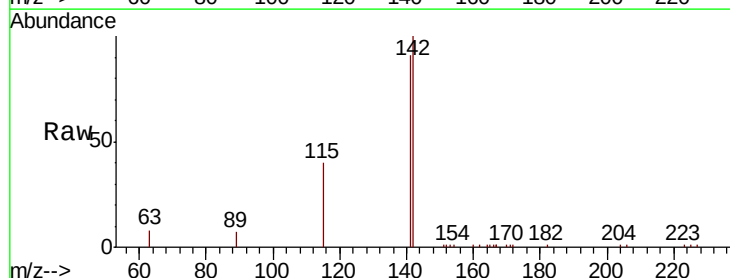
Tgt Ion:142 Resp: 14098

Ion Ratio Lower Upper

142 100

141 90.7 71.3 106.9

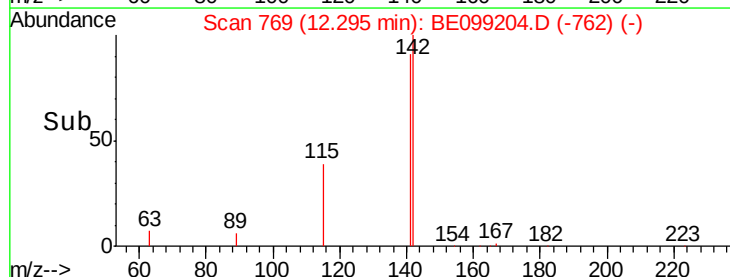
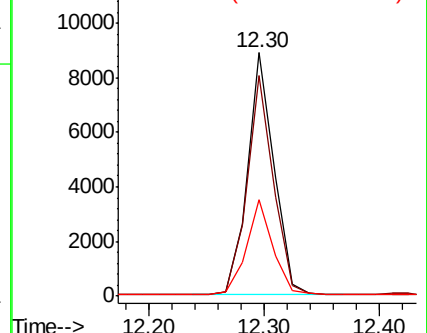
115 39.8 30.4 45.6

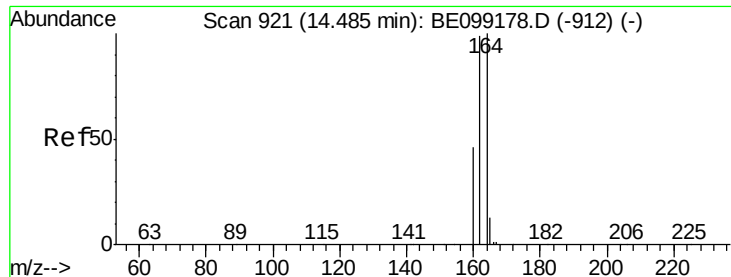


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

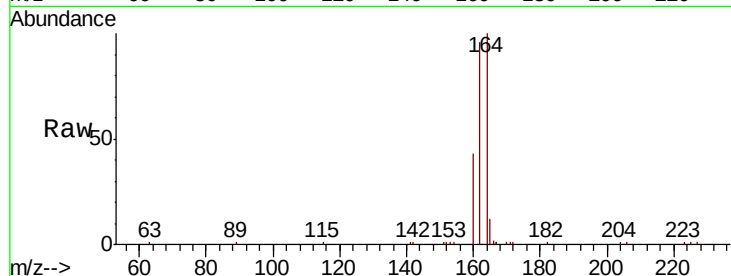




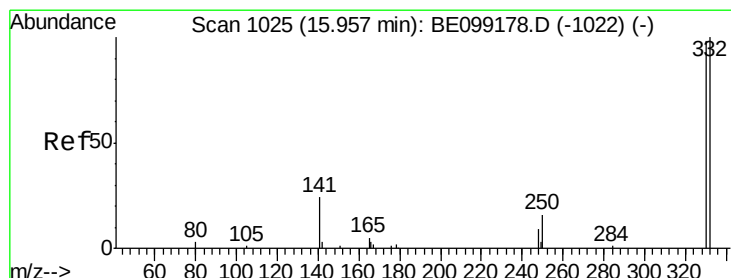
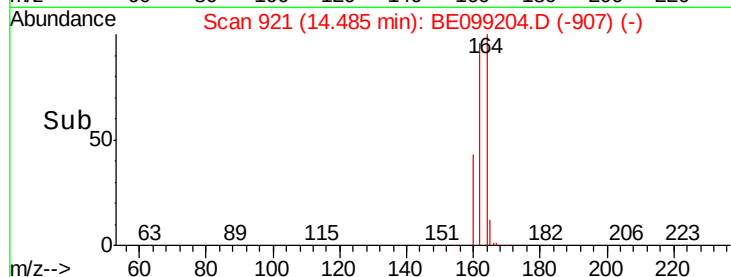
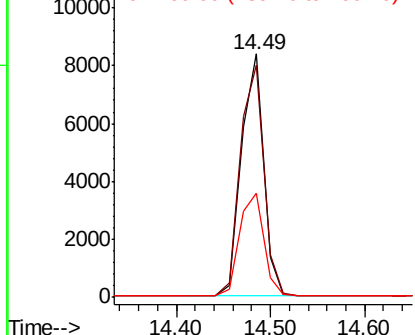
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13849
Ion Ratio Lower Upper
164 100
162 95.6 79.2 118.8
160 42.9 36.7 55.1

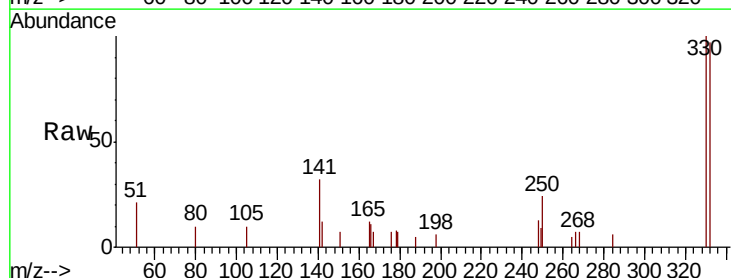


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

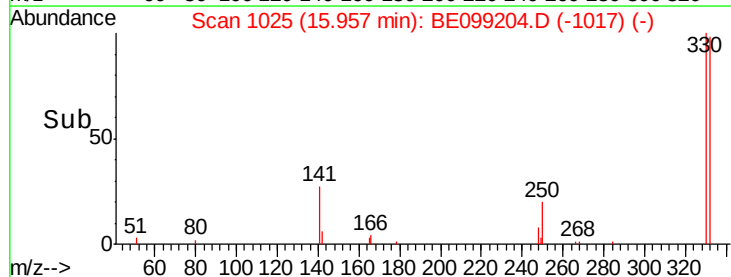
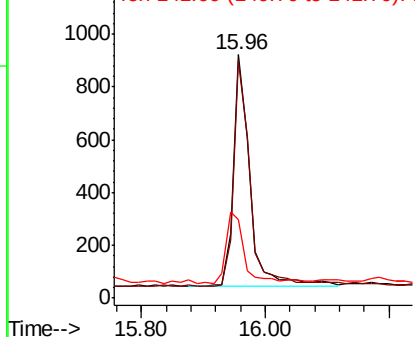


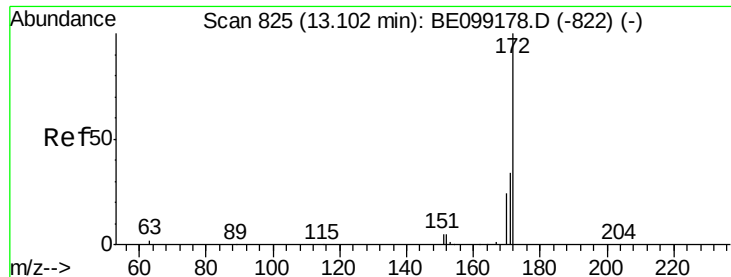
#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:330 Resp: 1624
Ion Ratio Lower Upper
330 100
332 101.0 71.3 106.9
141 34.3 21.7 32.5#



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

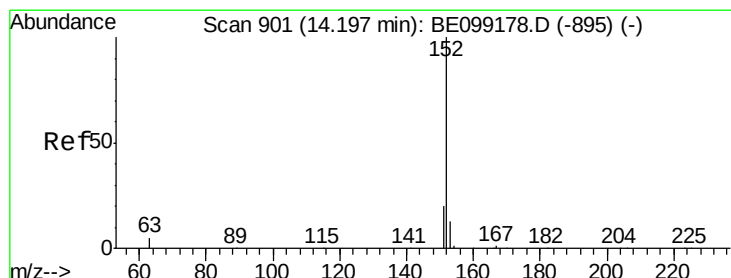
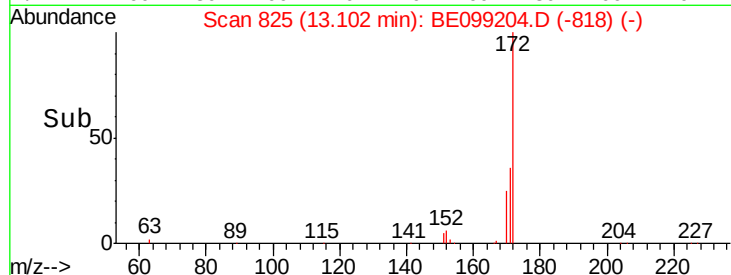
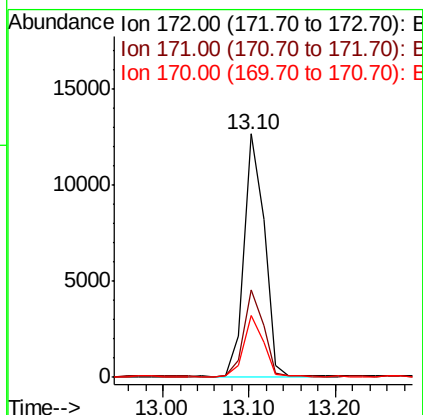
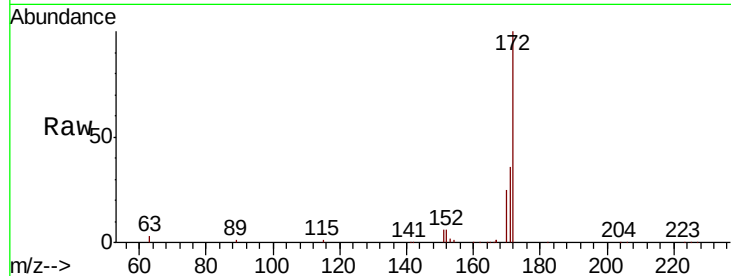




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

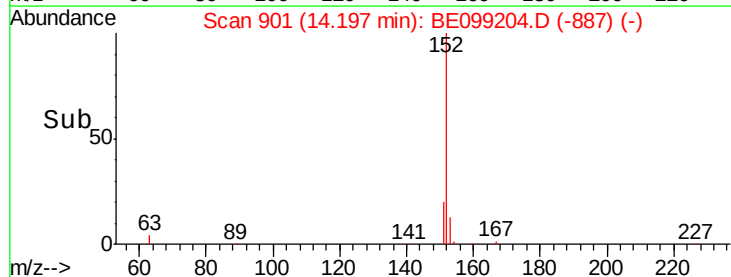
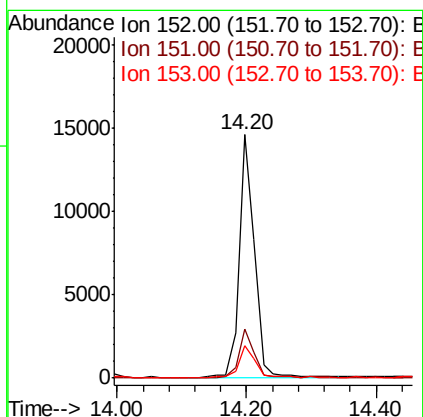
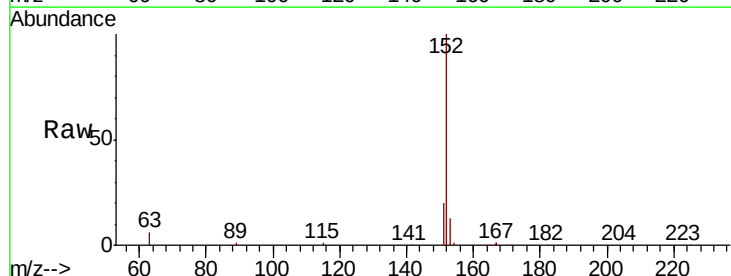
Instrument :
BNA_E
ClientSampleId :

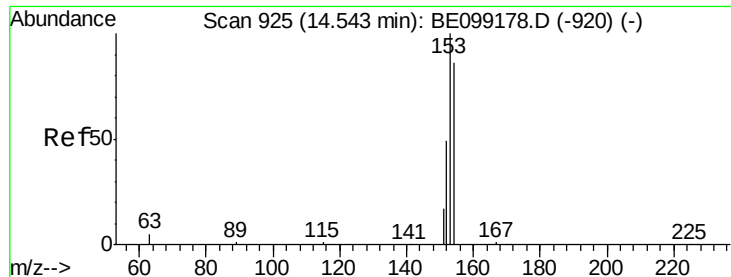
Tgt Ion:172 Resp: 20424
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.0
170 25.2 19.1 28.7



#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:152 Resp: 23367
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.1 10.6 15.8

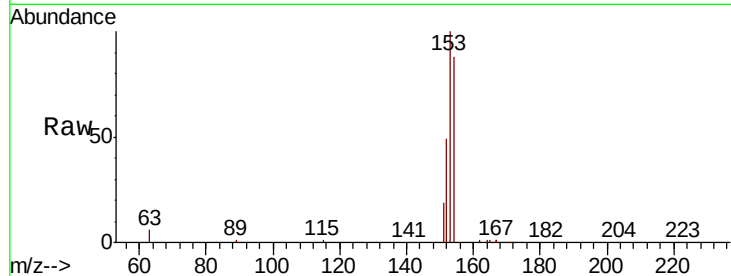




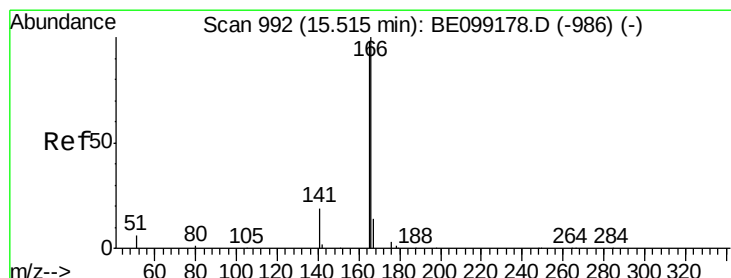
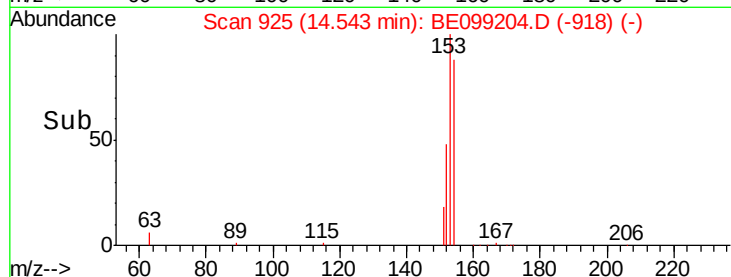
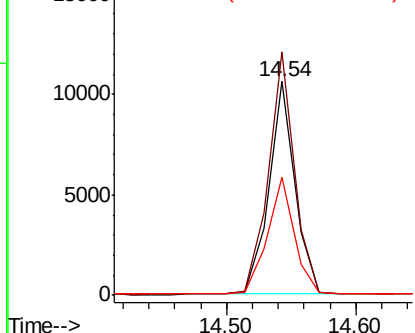
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14774
Ion Ratio Lower Upper
154 100
153 114.6 93.4 140.0
152 56.8 46.6 69.8

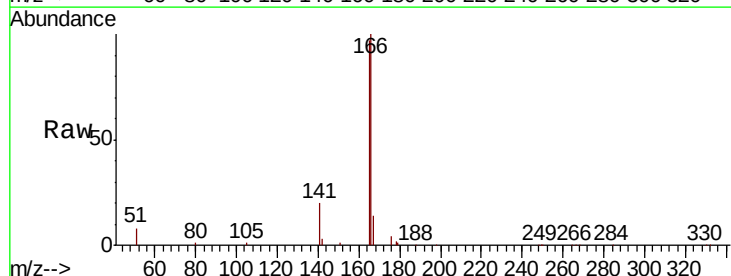


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

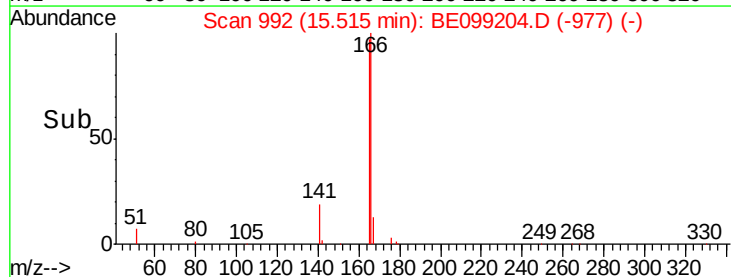
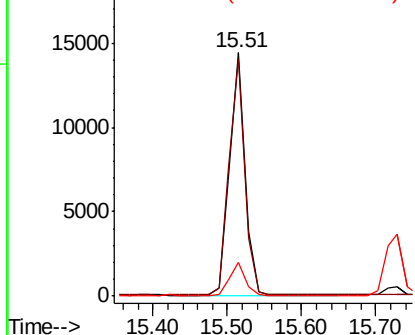


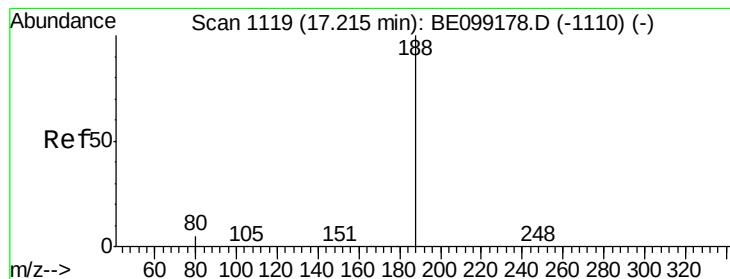
#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099204.D
Acq: 26 Mar 2019 7:08

Tgt Ion:166 Resp: 20664
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 13.4 10.9 16.3



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

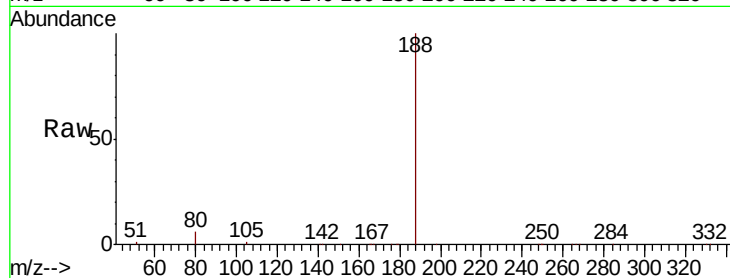
Tgt Ion:188 Resp: 37231

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

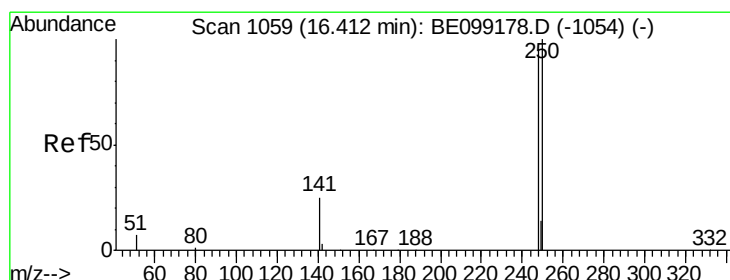
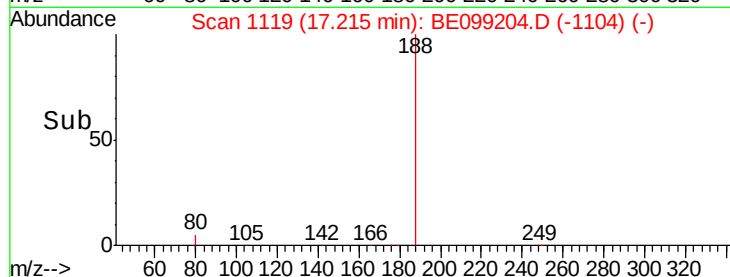
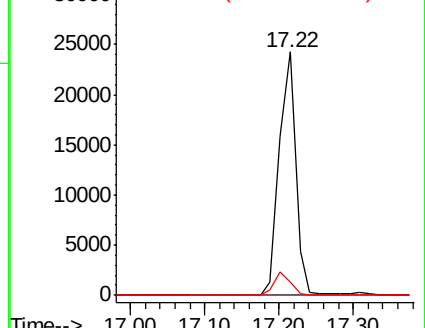
80 5.7 4.5 6.7



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: 0.324 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

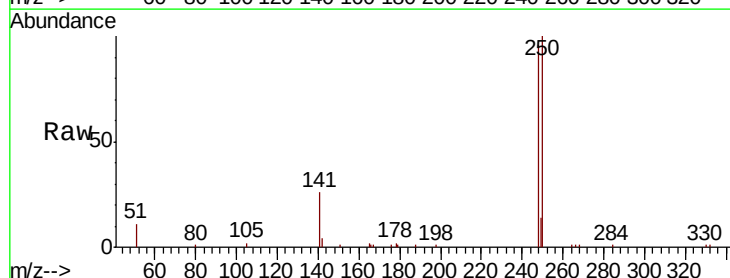
Tgt Ion:248 Resp: 7779

Ion Ratio Lower Upper

248 100

250 104.0 84.2 126.2

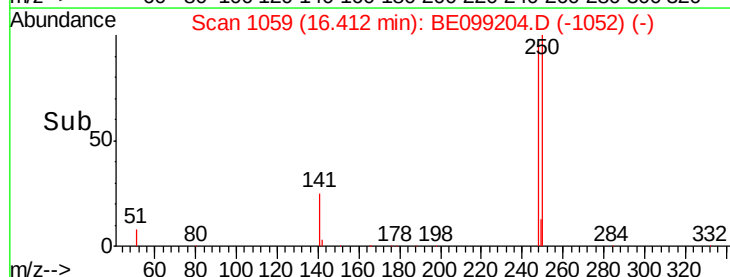
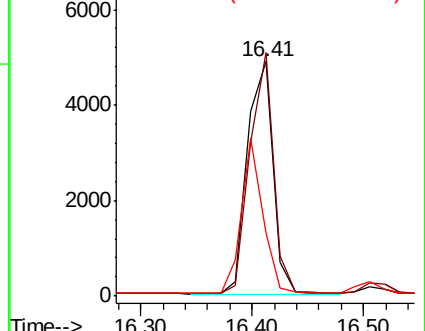
141 27.2 21.8 32.6

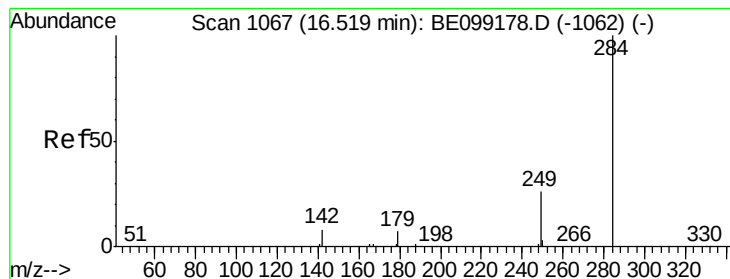


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.329 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

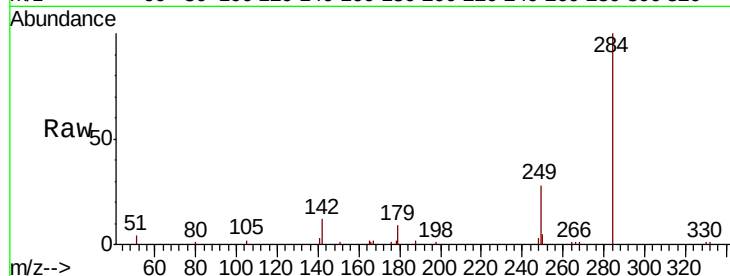
Tgt Ion:284 Resp: 7633

Ion Ratio Lower Upper

284 100

142 29.6 22.7 34.1

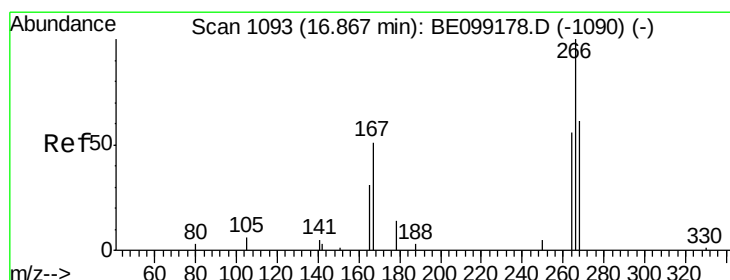
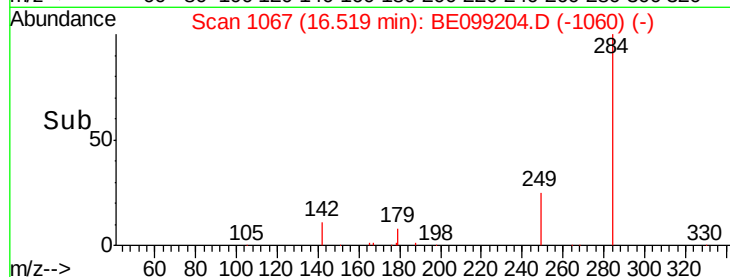
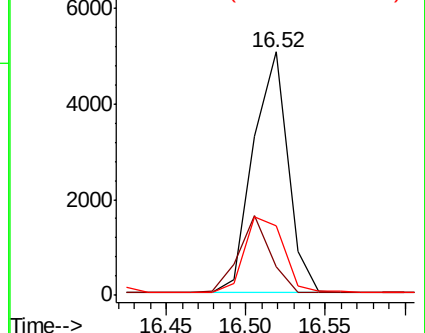
249 34.5 26.9 40.3



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: 0.596 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

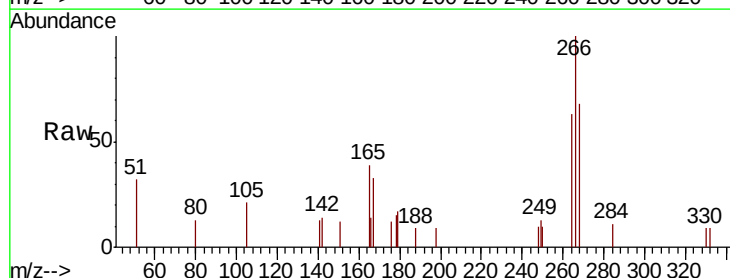
Tgt Ion:266 Resp: 1250

Ion Ratio Lower Upper

266 100

264 62.7 54.4 81.6

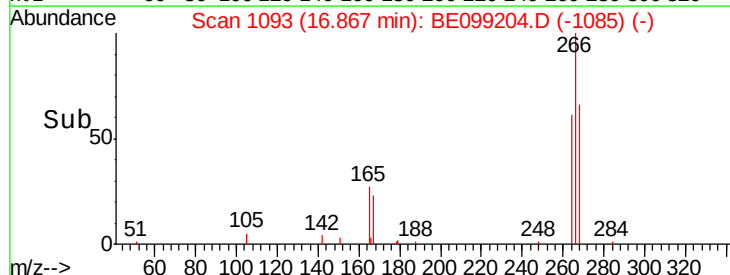
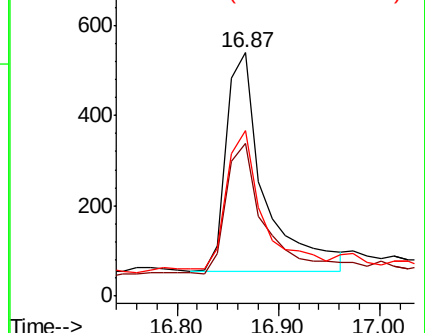
268 67.9 61.3 91.9

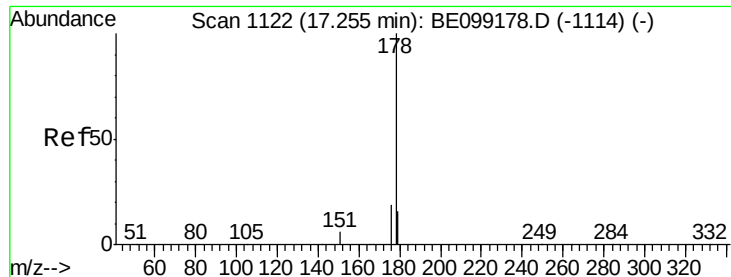


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.338 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

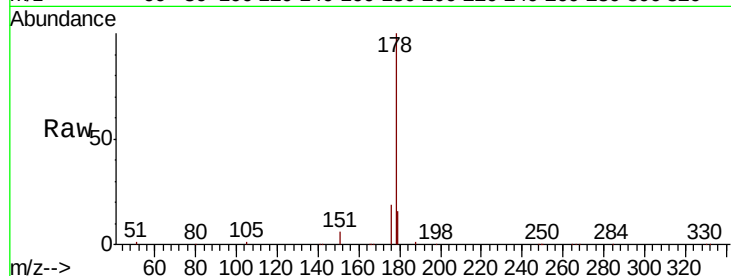
Tgt Ion:178 Resp: 36972

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

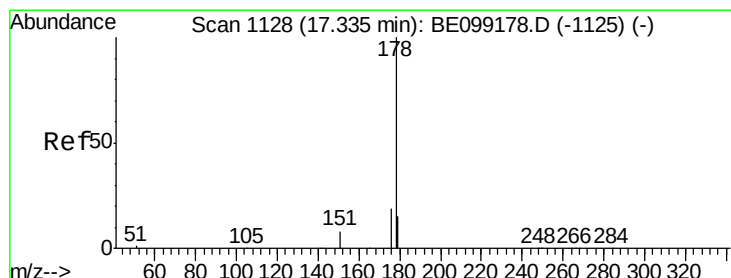
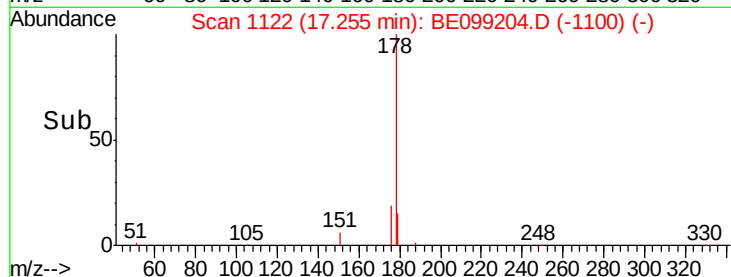
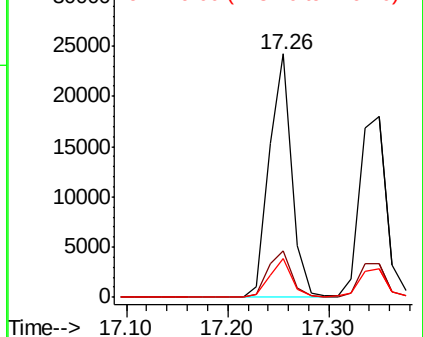
179 15.2 12.3 18.5



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



#24

Anthracene

Concen: 0.327 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

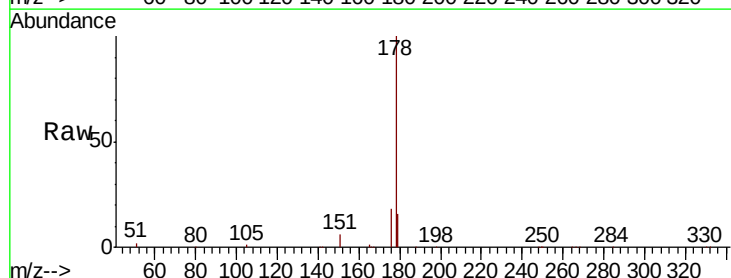
Tgt Ion:178 Resp: 32343

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

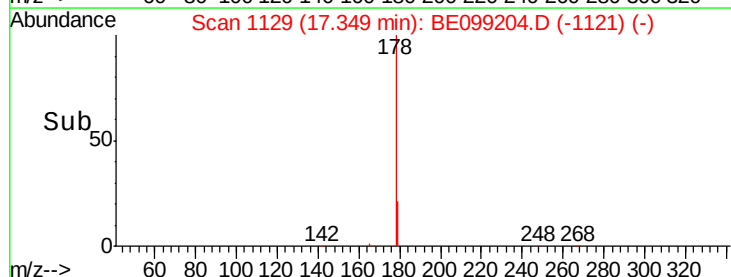
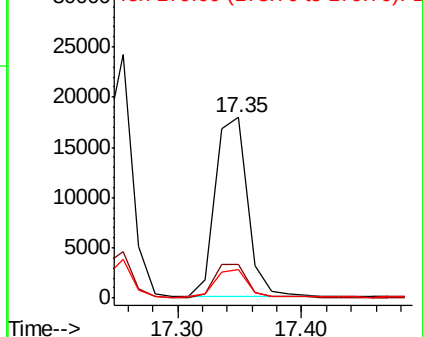
179 15.0 12.4 18.6

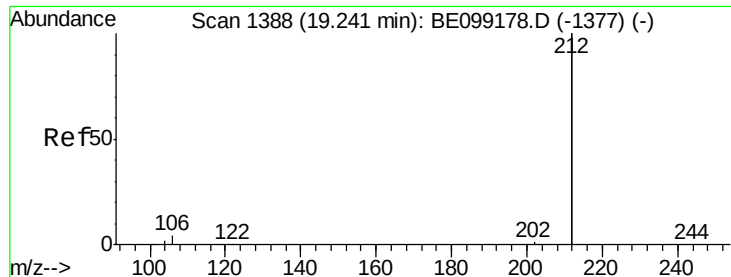


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

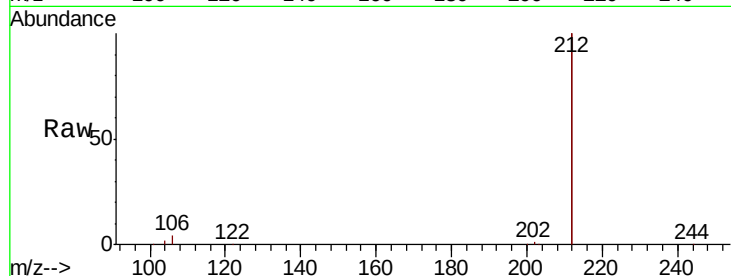
Tgt Ion:212 Resp: 162469

Ion Ratio Lower Upper

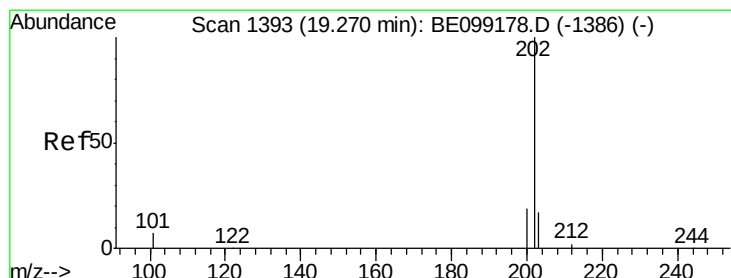
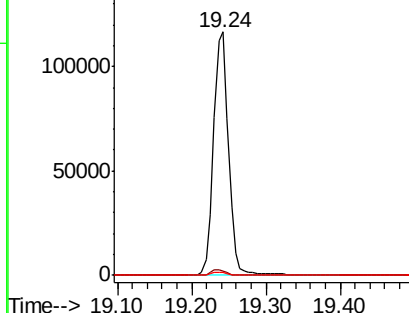
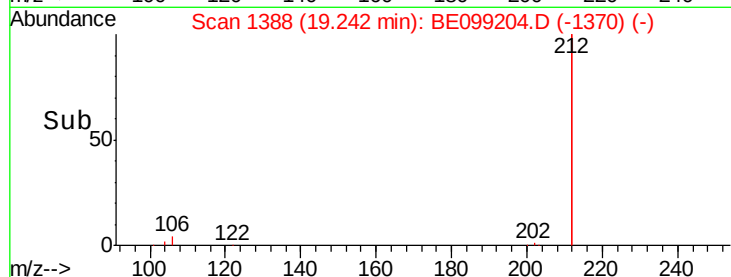
212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7



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: 0.344 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

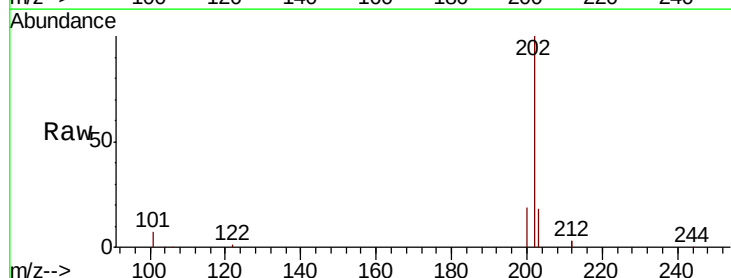
Tgt Ion:202 Resp: 47989

Ion Ratio Lower Upper

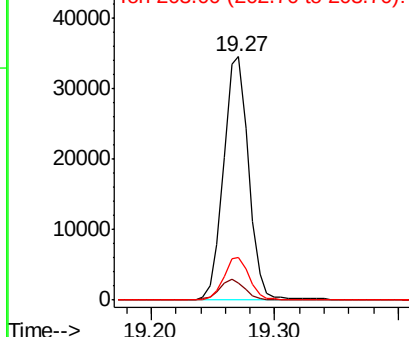
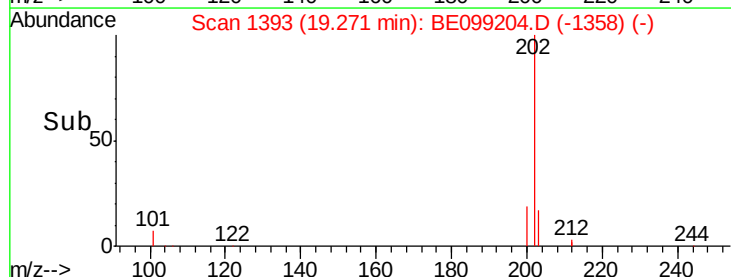
202 100

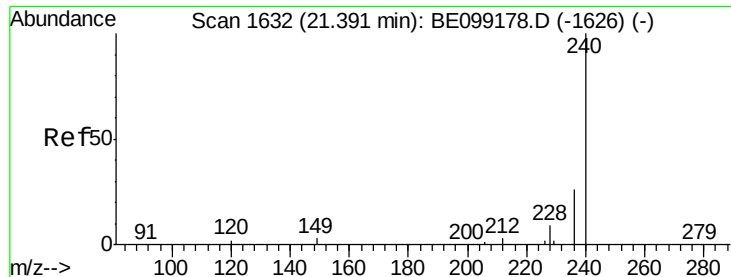
101 8.4 7.0 10.4

203 17.5 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

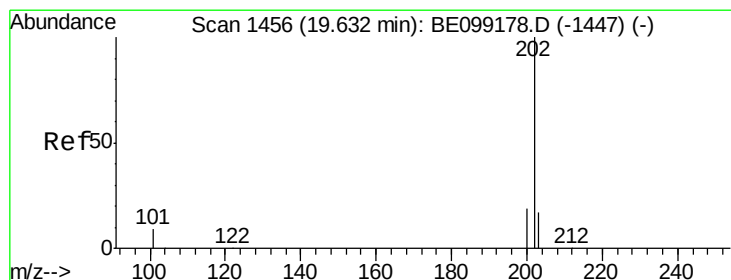
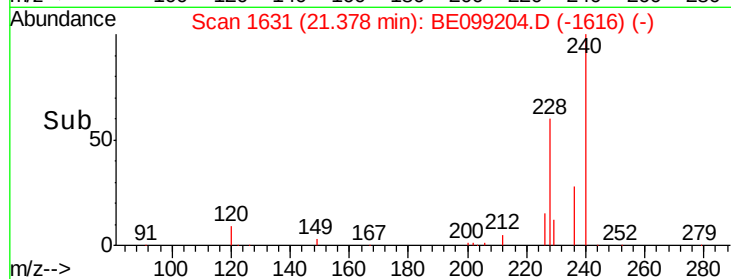
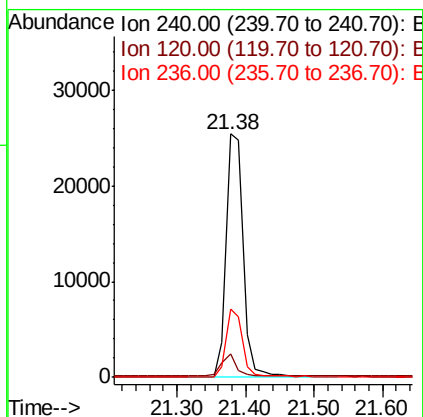
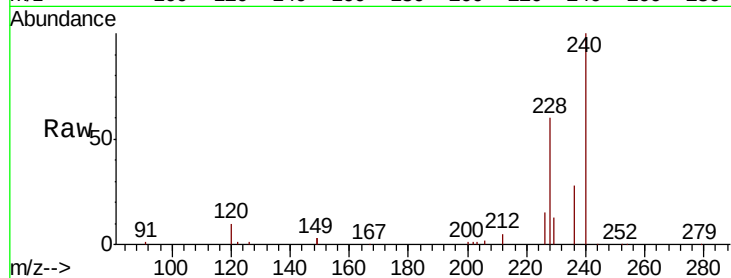




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099204.D
 Acq: 26 Mar 2019 7:08

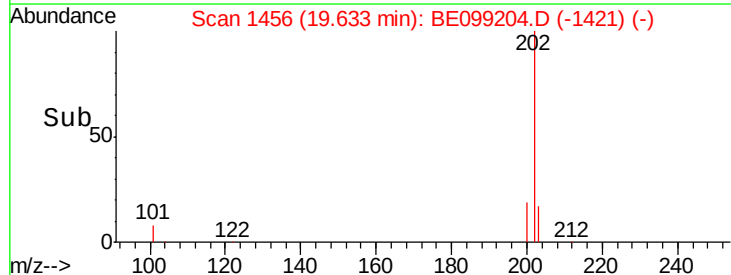
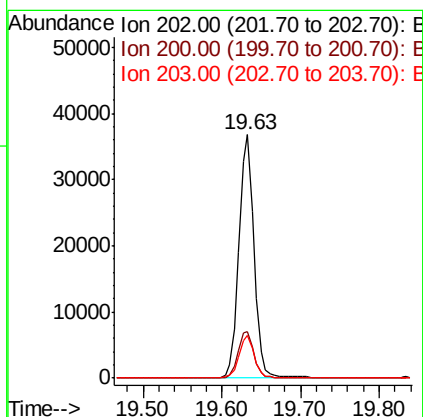
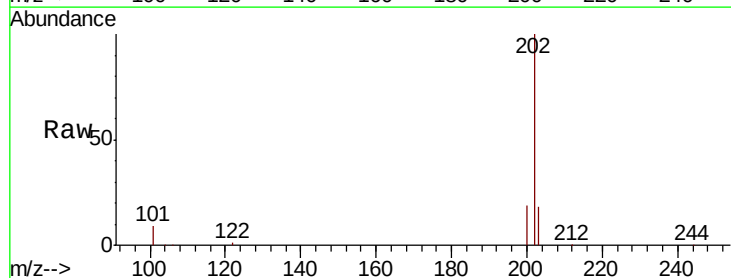
Instrument :
 BNA_E
 ClientSampleId :

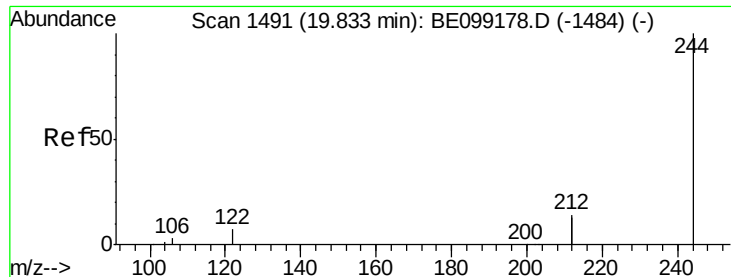
Tgt Ion:240 Resp: 44050
 Ion Ratio Lower Upper
 240 100
 120 9.5 2.6 3.8#
 236 28.2 20.9 31.3



#28
 Pyrene
 Concen: 0.337 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099204.D
 Acq: 26 Mar 2019 7:08

Tgt Ion:202 Resp: 49261
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.8
 203 17.3 14.1 21.1

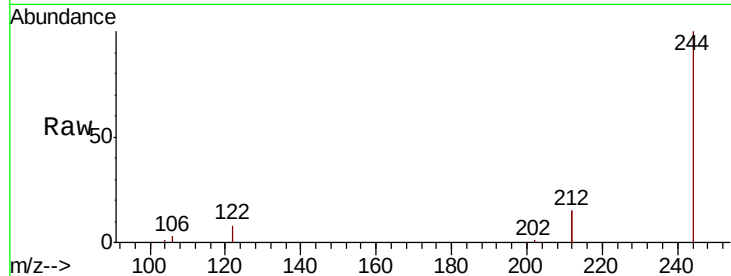




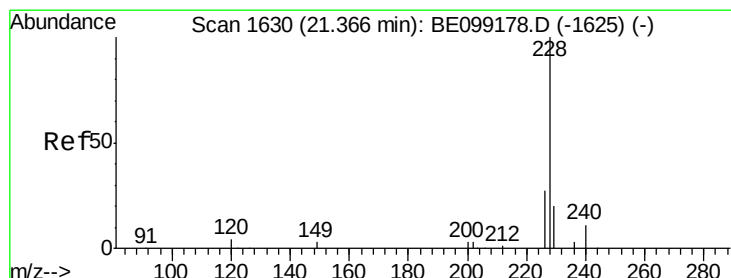
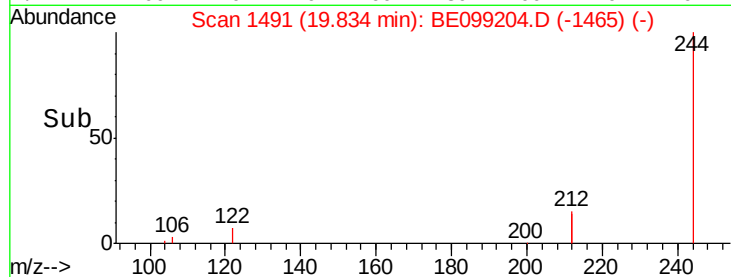
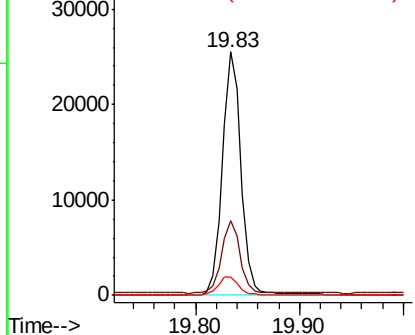
#29
 Terphenyl-d14
 Concen: 0.330 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099204.D
 Acq: 26 Mar 2019 7:08

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion: 244 Resp: 31602
 Ion Ratio Lower Upper
 244 100
 212 30.7 22.7 34.1
 122 7.6 5.8 8.6

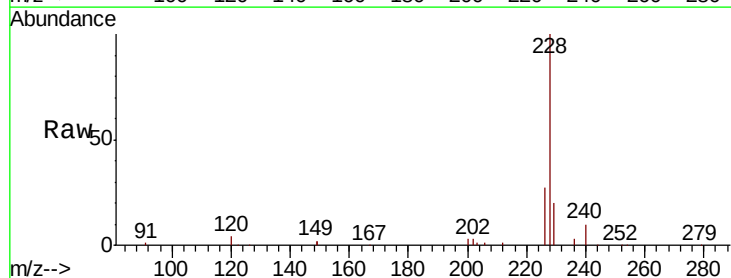


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

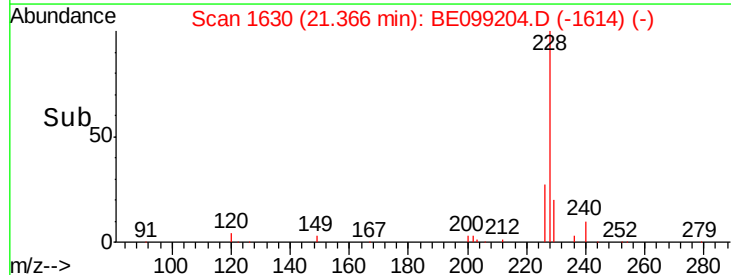
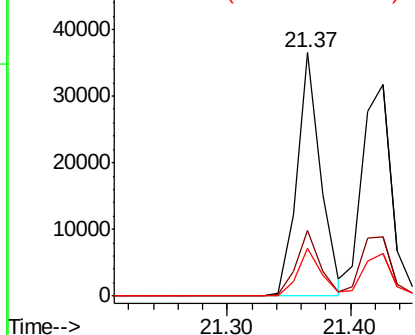


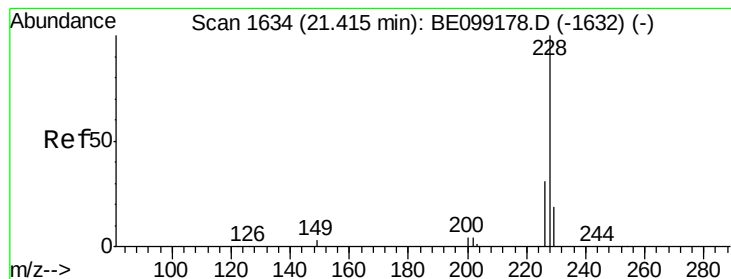
#30
 Benzo(a)anthracene
 Concen: 0.333 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099204.D
 Acq: 26 Mar 2019 7:08

Tgt Ion: 228 Resp: 48341
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.7 32.5
 229 19.9 15.9 23.9



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: 0.336 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampled :

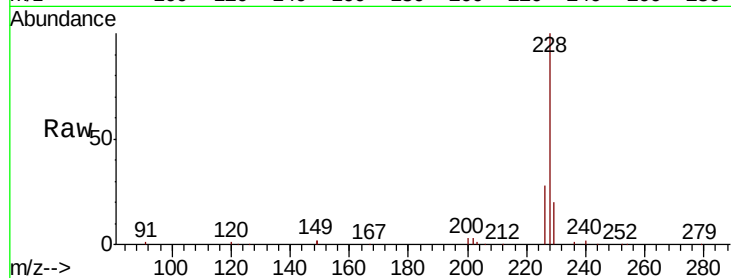
Tgt Ion: 228 Resp: 52129

Ion Ratio Lower Upper

228 100

226 28.2 24.8 37.2

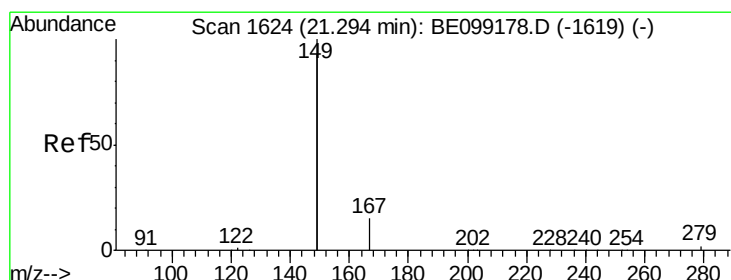
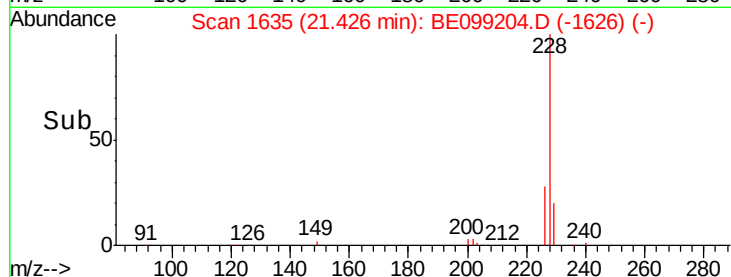
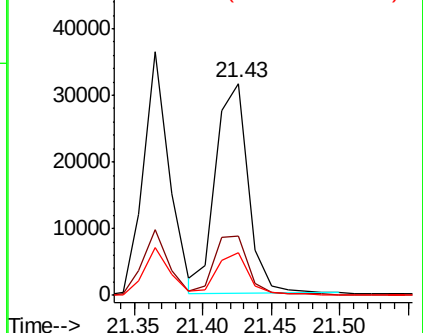
229 20.0 15.4 23.0



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: 0.311 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

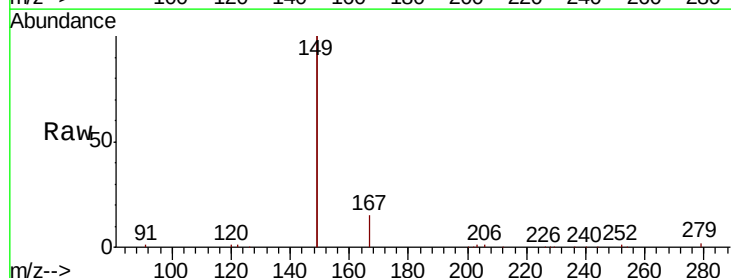
Tgt Ion: 149 Resp: 53921

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

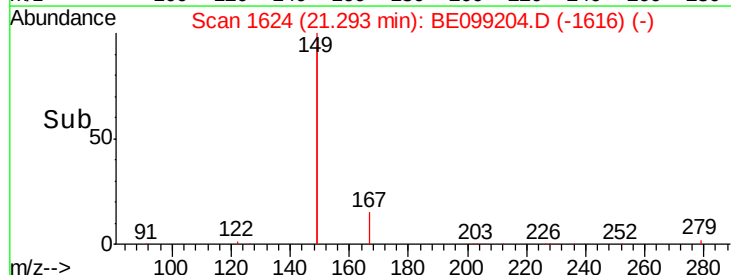
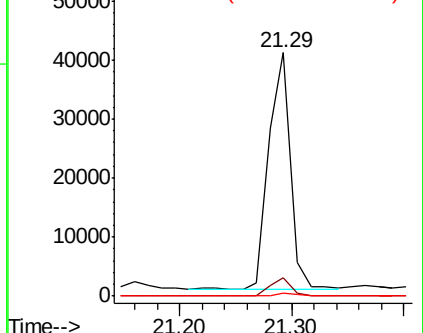
279 1.1 1.0 1.6

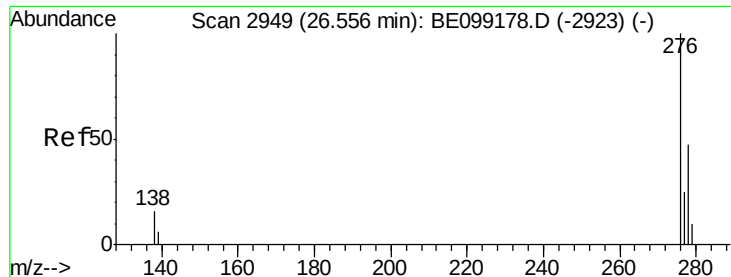


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.287 ng

RT: 26.56 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

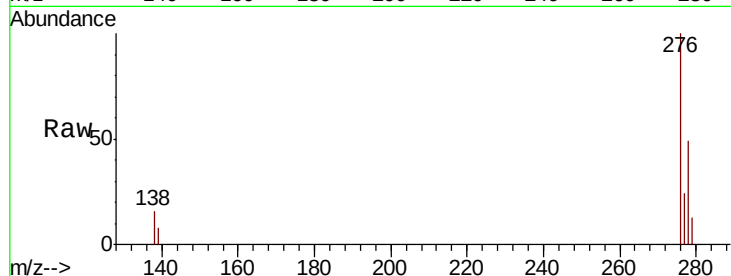
Tgt Ion:276 Resp: 42168

Ion Ratio Lower Upper

276 100

138 15.8 12.9 19.3

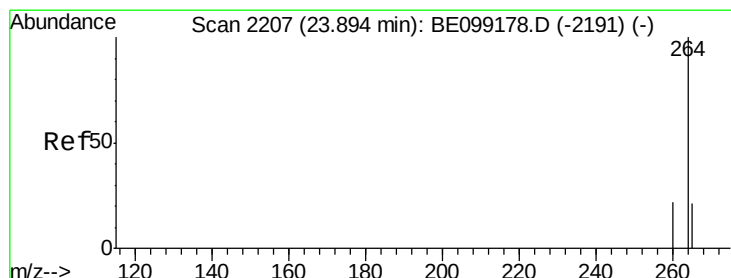
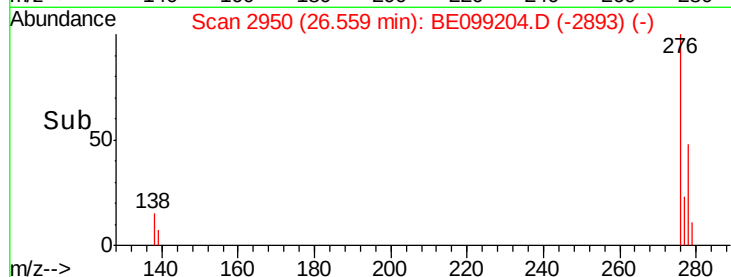
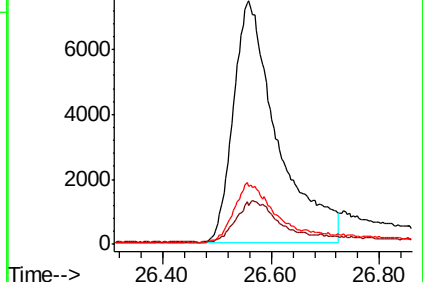
277 21.8 18.3 27.5



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: 23.90 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

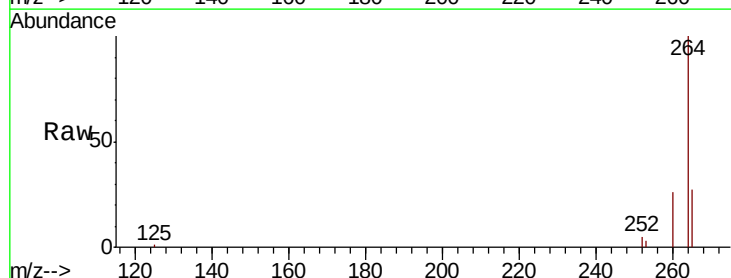
Tgt Ion:264 Resp: 41721

Ion Ratio Lower Upper

264 100

260 25.8 18.2 27.2

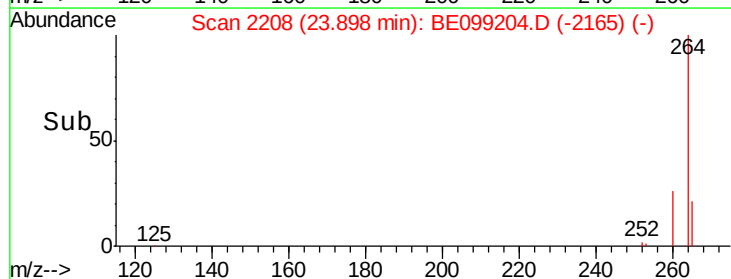
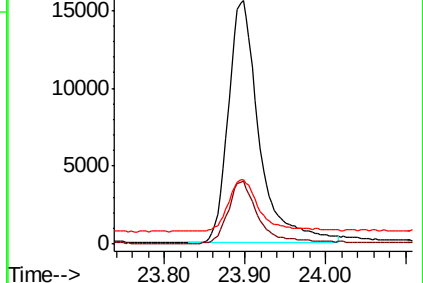
265 26.7 21.8 32.8

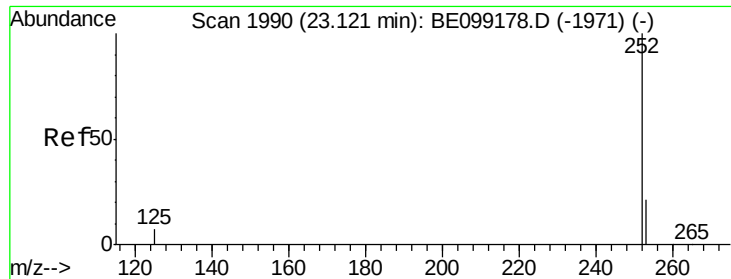


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.05 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :

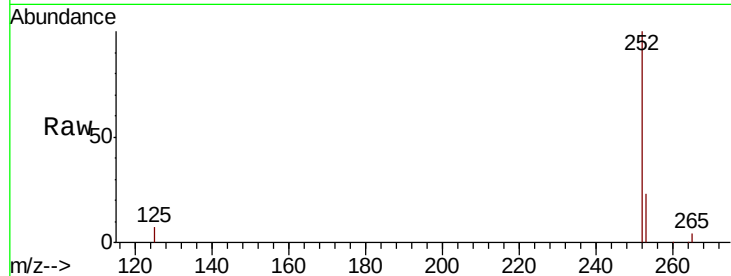
Tgt Ion:252 Resp: 51100

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

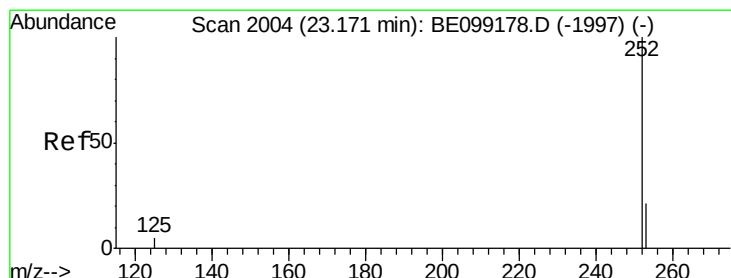
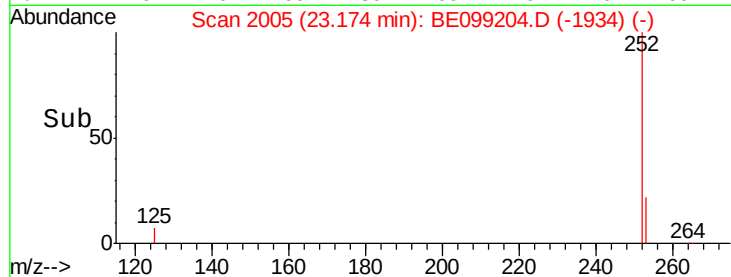
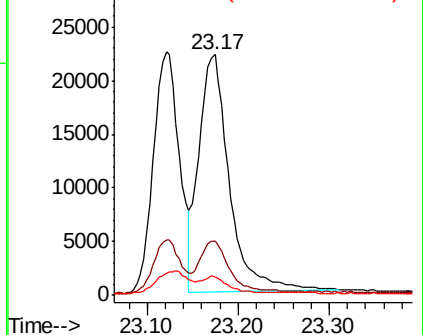
125 7.5 6.1 9.1



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



#36

Benzo(k)fluoranthene

Concen: 0.365 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

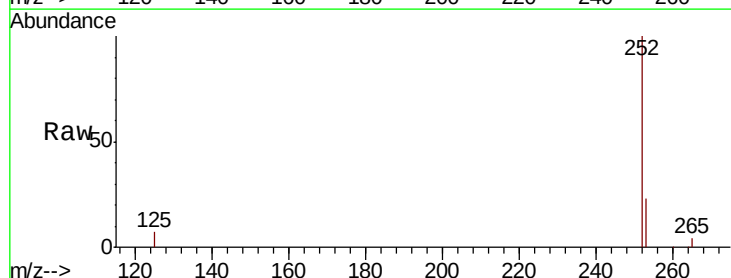
Tgt Ion:252 Resp: 53004

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

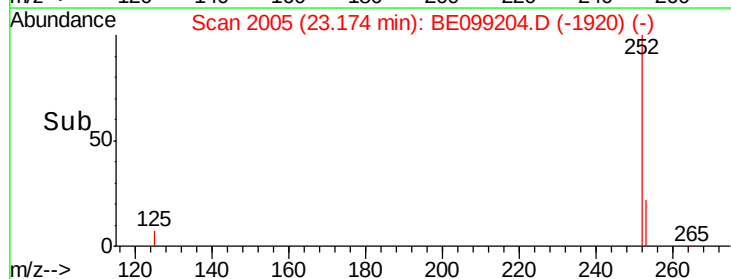
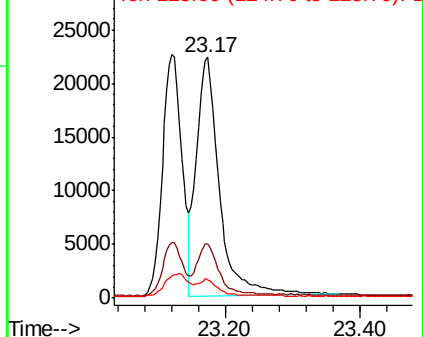
125 7.5 5.9 8.9

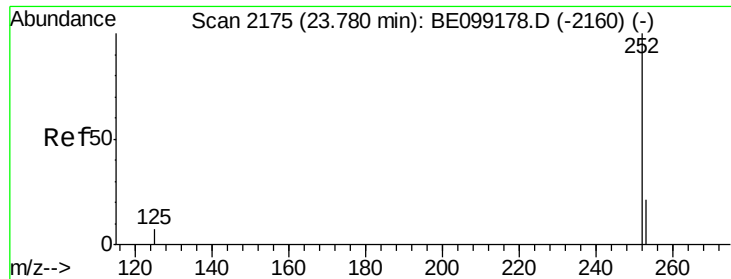


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.78 min Scan# 2176

Delta R.T. 0.00 min

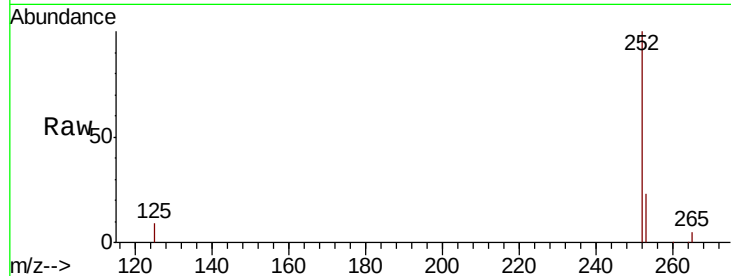
Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

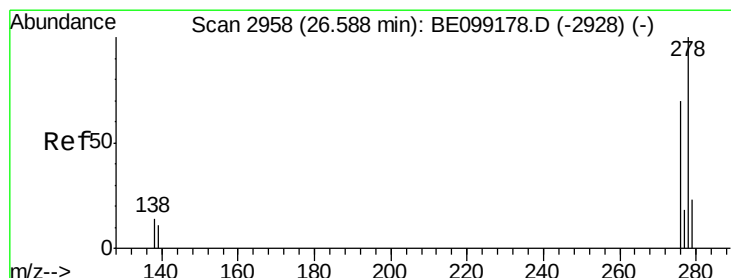
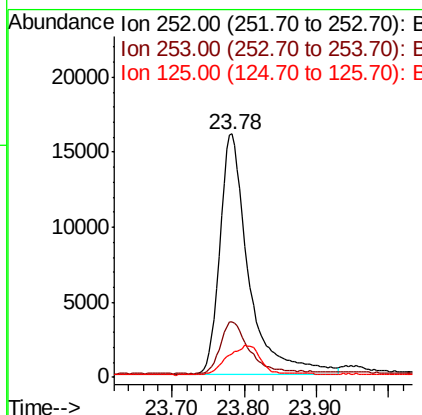
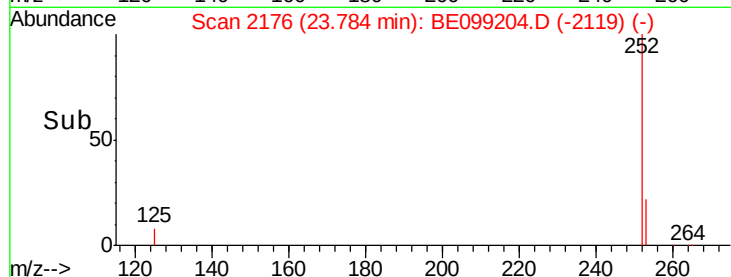
Instrument :

BNA_E

ClientSampleId :



Tgt Ion:	252	Resp:	44328
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.5	6.8	10.2



#38

Dibenzo(a,h)anthracene

Concen: 0.290 ng

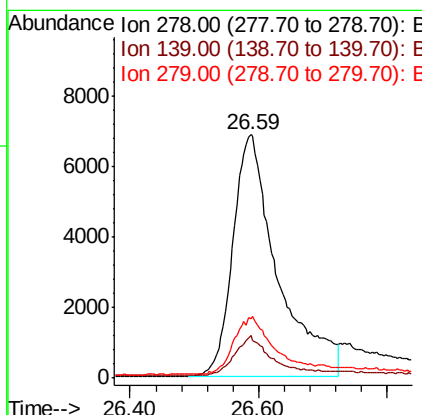
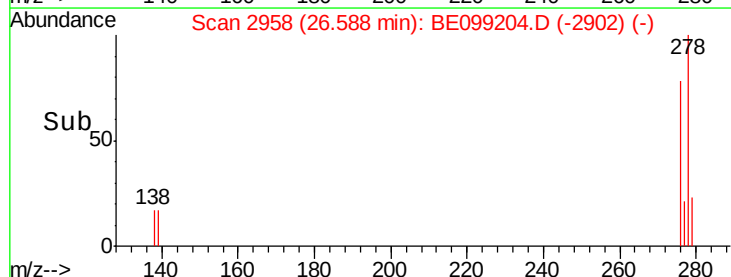
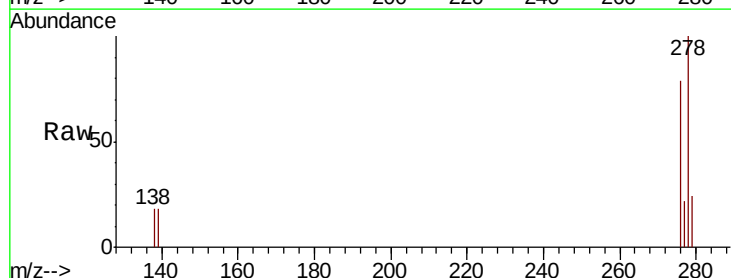
RT: 26.59 min Scan# 2958

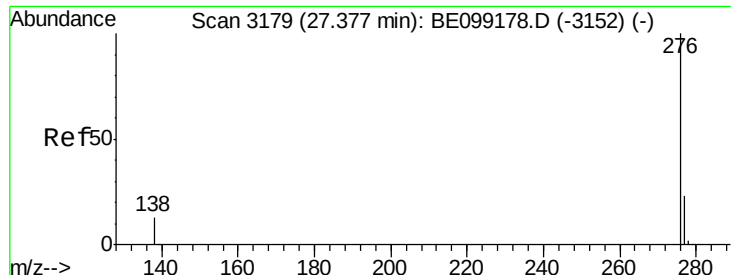
Delta R.T. -0.00 min

Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Tgt Ion:	278	Resp:	33054
Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.5	14.3#
279	24.2	19.1	28.7





#39

Benzo(g,h,i)perylene

Concen: 0.305 ng

RT: 27.38 min Scan# 3180

Delta R.T. 0.00 min

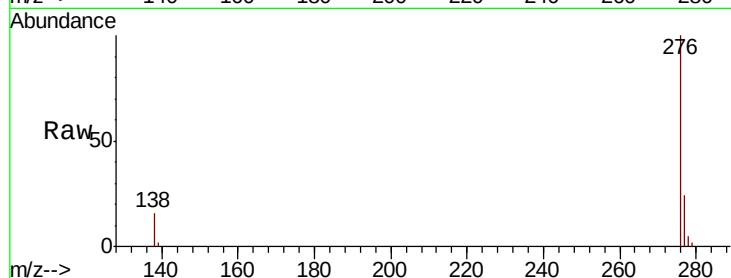
Lab File: BE099204.D

Acq: 26 Mar 2019 7:08

Instrument :

BNA_E

ClientSampleId :



Tgt Ion: 276 Resp: 34855

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 16.3 11.1 16.7

