

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099209.D
 Acq On : 26 Mar 2019 10:31
 Operator : JU/SJ
 Sample : PB118226BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 26 11:06:33 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	7.83	152	3825	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	13674	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8435	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	27759	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36351	0.40	ng	-0.01
34) Perylene-d12	23.89	264	33624	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3650	0.32	ng	0.00
5) Phenol-d6	6.99	99	4926	0.28	ng	0.00
8) Nitrobenzene-d5	8.99	82	3513	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10902	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1120	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11700	0.34	ng	0.00
25) Fluoranthene-d10	19.24	212	118760	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	24041	0.30	ng	0.00

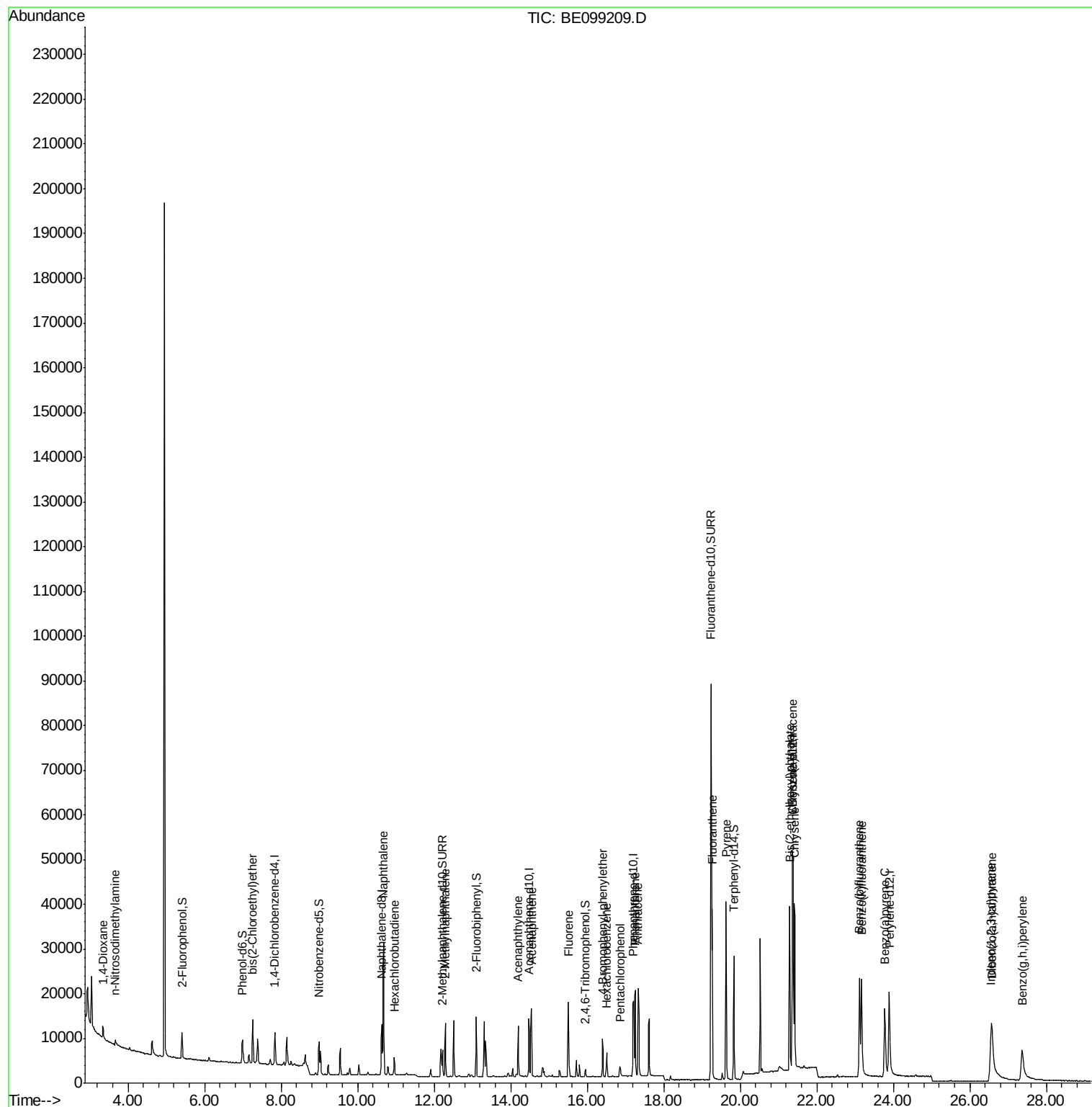
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1909	0.378	ng	# 78
3) n-Nitrosodimethylamine	3.67	42	933	0.331	ng	89
6) bis(2-Chloroethyl)ether	7.25	93	3740	0.273	ng	89
9) Naphthalene	10.68	128	49604	0.308	ng	100
10) Hexachlorobutadiene	10.95	225	2757	0.321	ng	100
12) 2-Methylnaphthalene	12.30	142	8127	0.282	ng	99
16) Acenaphthylene	14.20	152	12347	0.287	ng	99
17) Acenaphthene	14.54	154	7886	0.307	ng	100
18) Fluorene	15.51	166	11649	0.322	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	4485	0.250	ng	# 76
21) Hexachlorobenzene	16.51	284	4426	0.256	ng	99
22) Pentachlorophenol	16.85	266	1565	0.818	ng	# 87
23) Phenanthrene	17.26	178	24035	0.295	ng	99
24) Anthracene	17.34	178	21650	0.294	ng	100
26) Fluoranthene	19.26	202	34150	0.328	ng	100
28) Pyrene	19.63	202	36788	0.305	ng	100
30) Benzo(a)anthracene	21.37	228	36818	0.307	ng	100
31) Chrysene	21.41	228	37944	0.296	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	46773	0.327	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	31156	0.257	ng	98
35) Benzo(b)fluoranthene	23.12	252	32419	0.293	ng	98
36) Benzo(k)fluoranthene	23.17	252	36908	0.316	ng	99
37) Benzo(a)pyrene	23.78	252	32453	0.314	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	22314	0.243	ng	97
39) Benzo(g,h,i)perylene	27.37	276	25659	0.279	ng	96

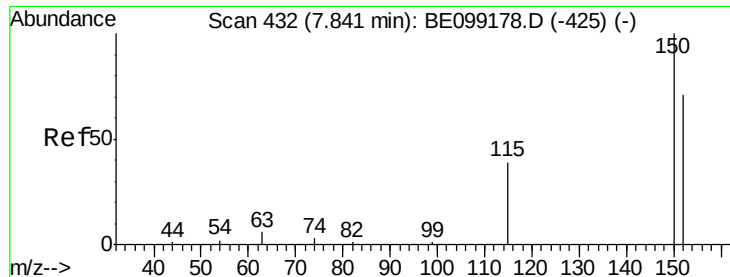
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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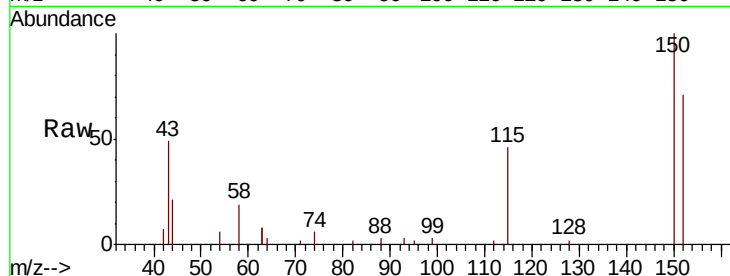


#1

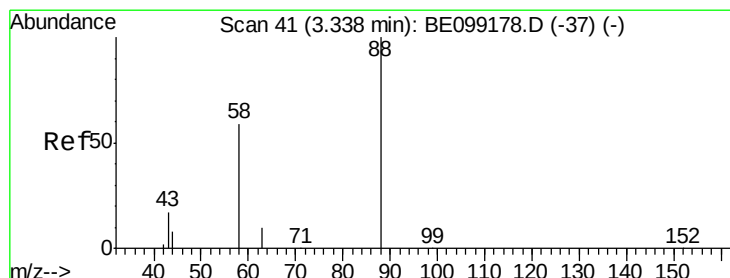
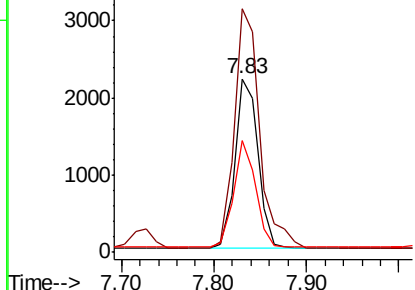
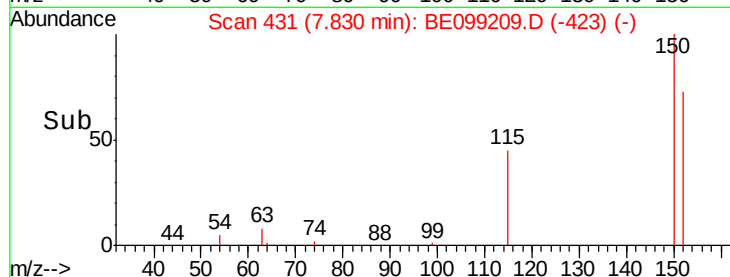
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3825
Ion Ratio Lower Upper
152 100
150 140.5 112.8 169.2
115 64.5 45.1 67.7



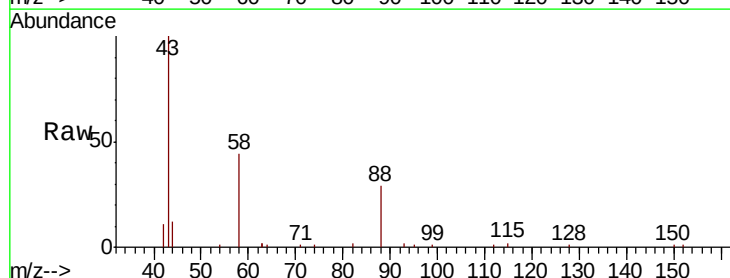
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



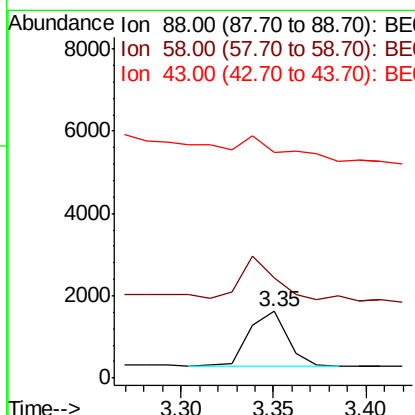
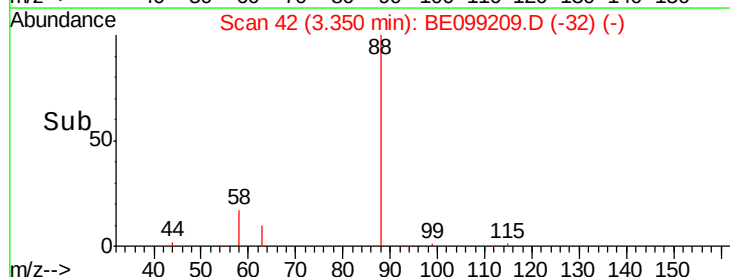
#2

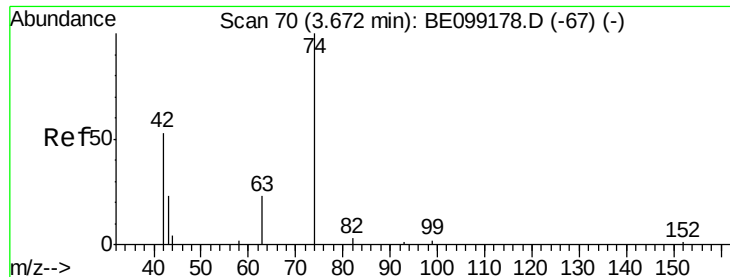
1,4-Dioxane
Concen: 0.378 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion: 88 Resp: 1909
Ion Ratio Lower Upper
88 100
58 70.5 47.4 71.0
43 0.0 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



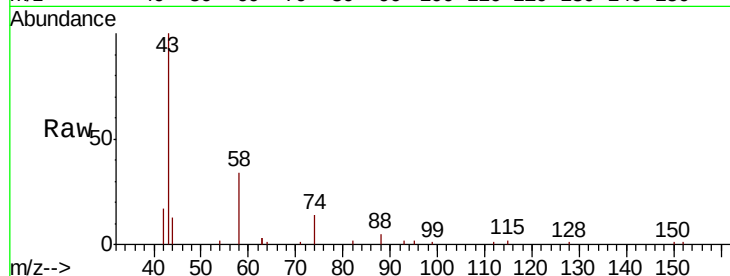


#3

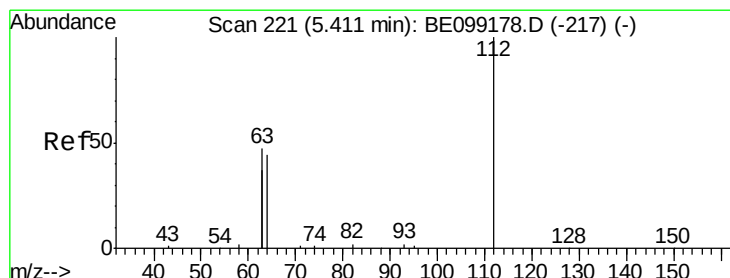
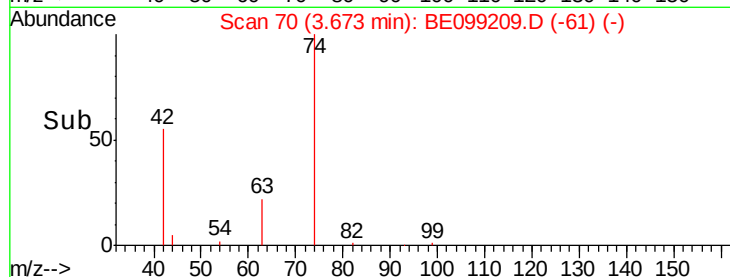
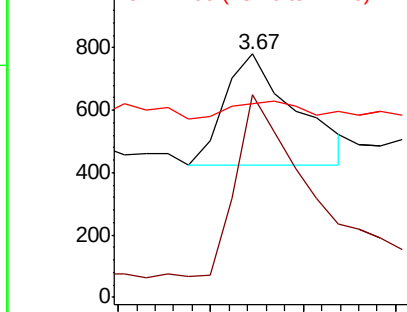
n-Nitrosodimethylamine
 Concen: 0.331 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 933
 Ion Ratio Lower Upper
 42 100
 74 156.8 138.6 207.8
 44 15.6 15.0 22.6



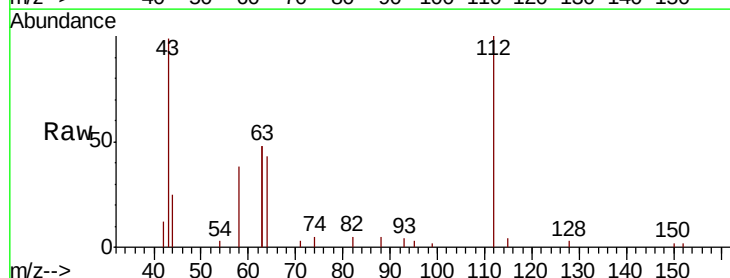
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



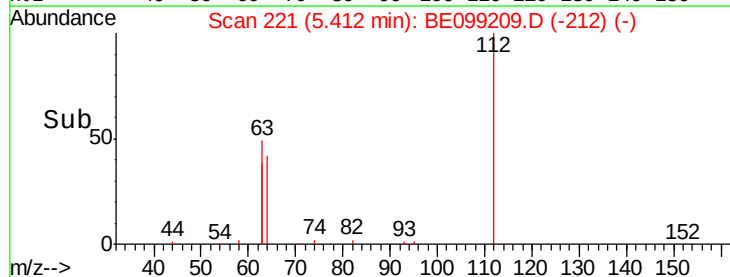
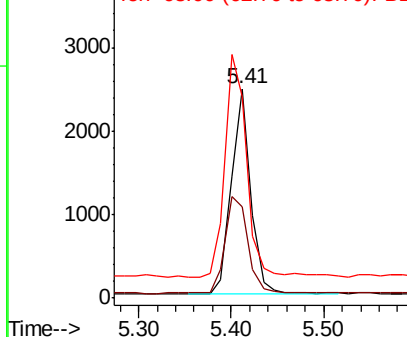
#4

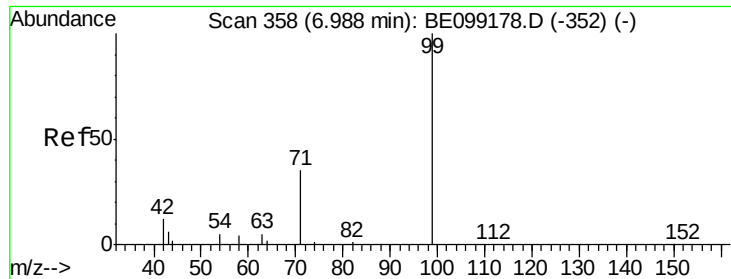
2-Fluorophenol
 Concen: 0.320 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

Tgt Ion: 112 Resp: 3650
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.2 69.2
 63 118.1 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: 0.282 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

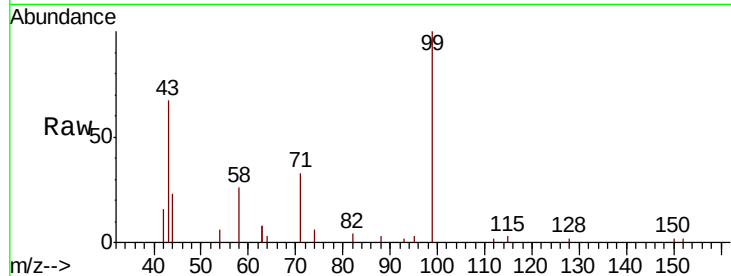
Tot Ion: 99 Resp: 4926

Ion Ratio Lower Upper

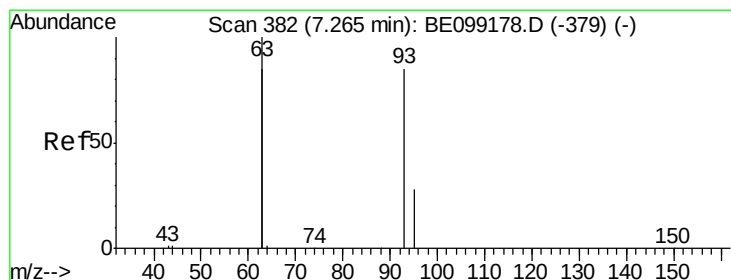
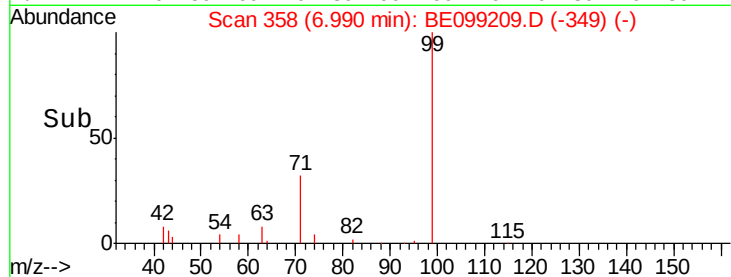
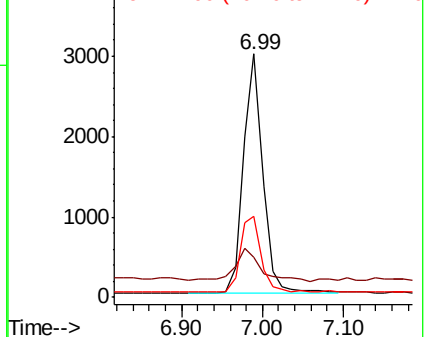
99 100

42 18.4 12.4 18.6

71 34.7 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: 0.273 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

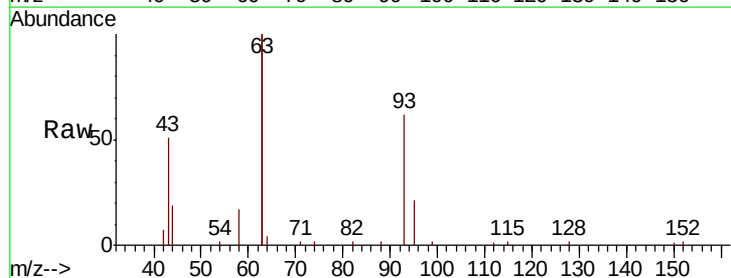
Tgt Ion: 93 Resp: 3740

Ion Ratio Lower Upper

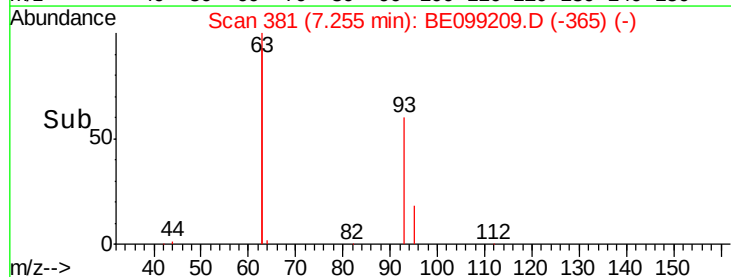
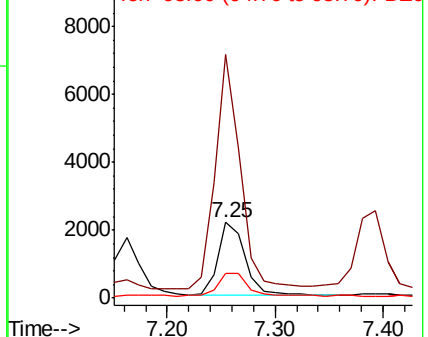
93 100

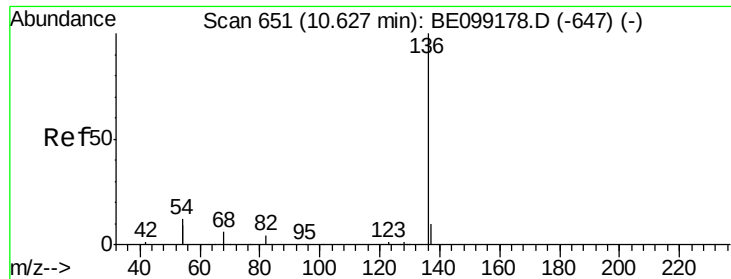
63 299.3 221.4 332.0

95 33.4 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: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13674

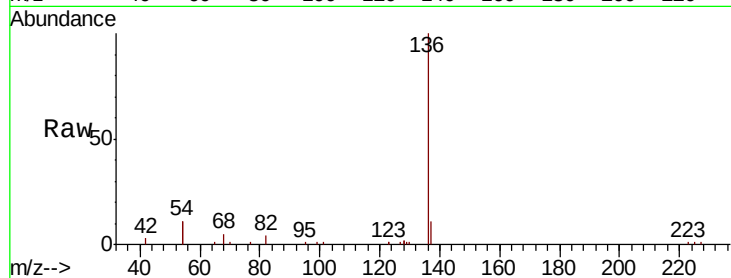
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 22.0 18.7 28.1

68 5.4 5.2 7.8

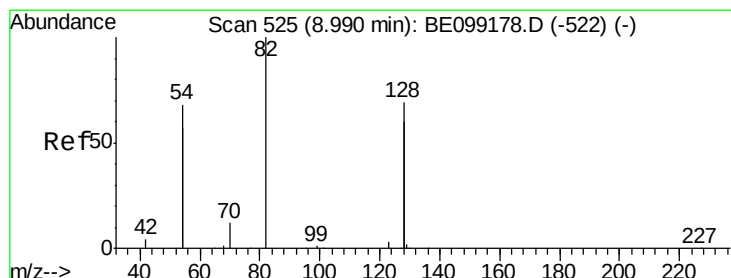
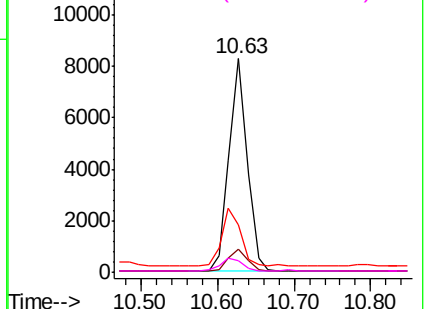
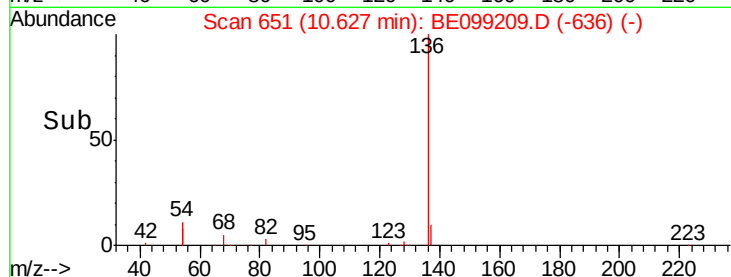


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

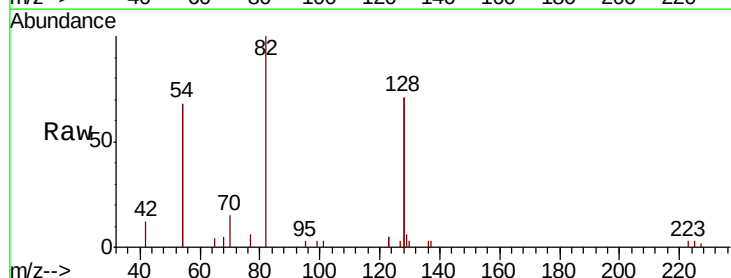
Tgt Ion: 82 Resp: 3513

Ion Ratio Lower Upper

82 100

128 142.0 107.5 161.3

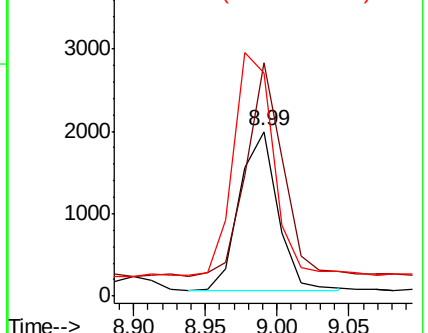
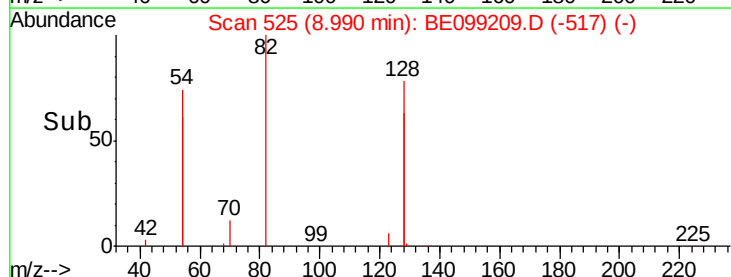
54 135.5 106.3 159.5

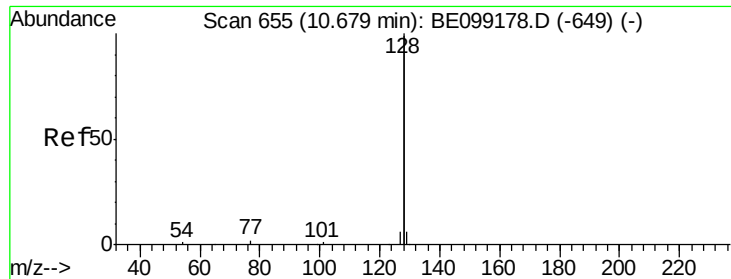


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.308 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

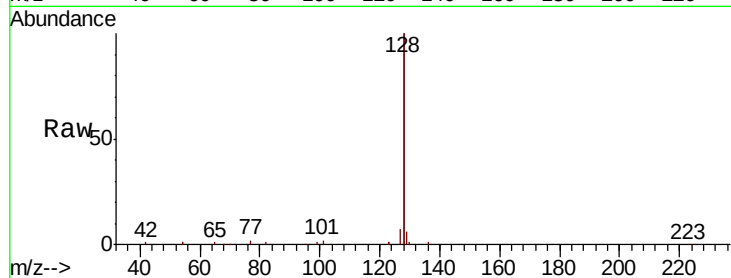
Tot Ion:128 Resp: 49604

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

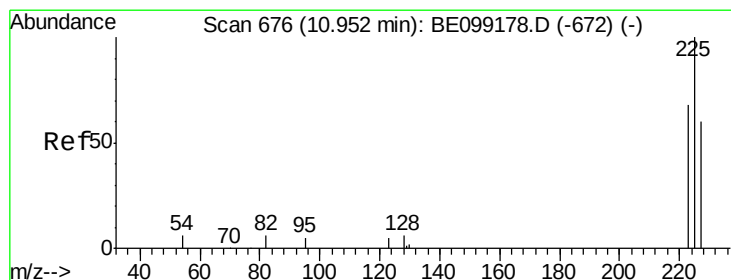
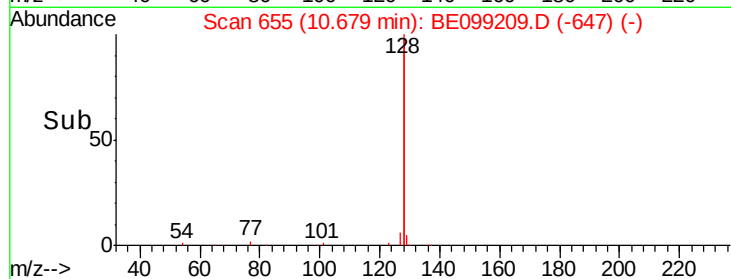
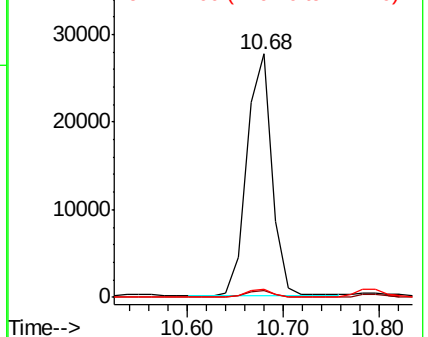
127 3.3 2.6 3.8



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: 0.321 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

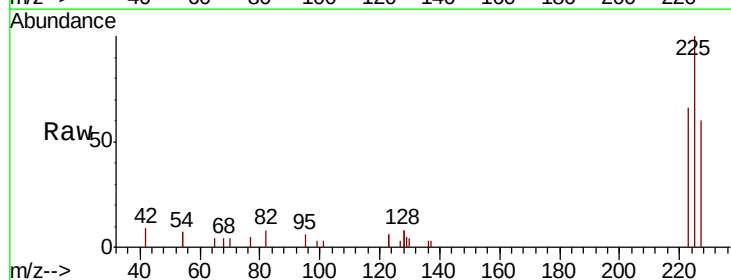
Tgt Ion:225 Resp: 2757

Ion Ratio Lower Upper

225 100

223 64.1 51.3 76.9

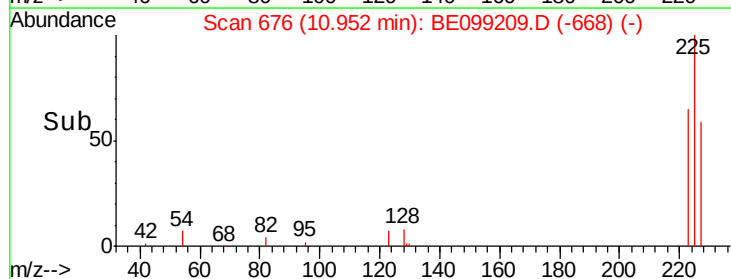
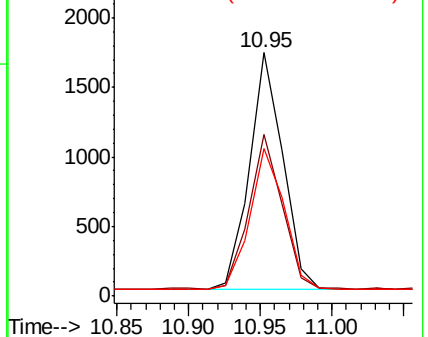
227 61.2 48.6 73.0

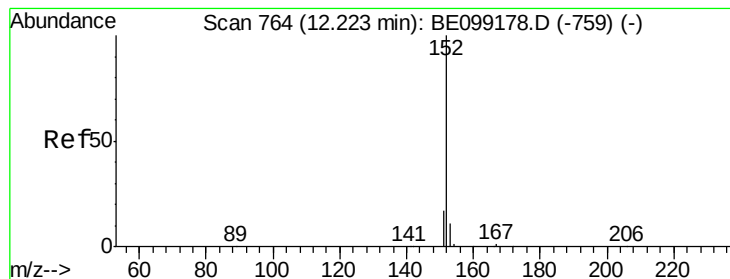


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

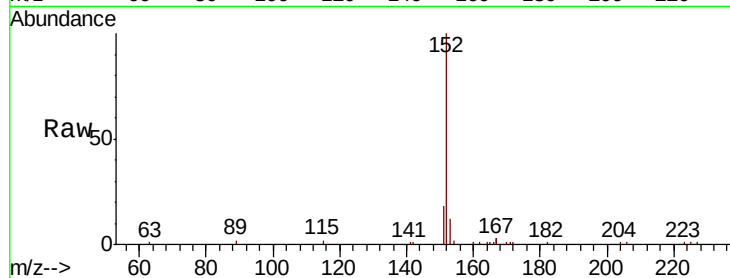
ClientSampleId :

Tot Ion:152 Resp: 10902

Ion Ratio Lower Upper

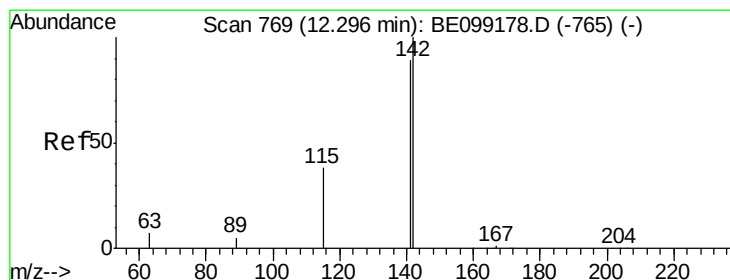
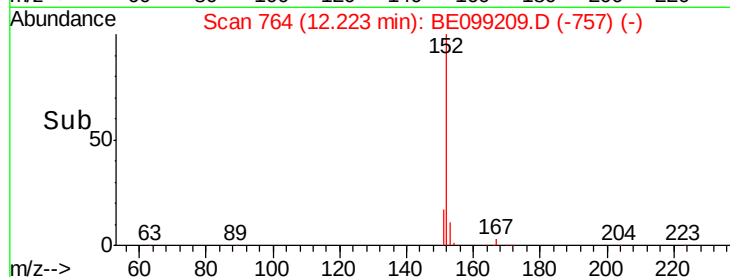
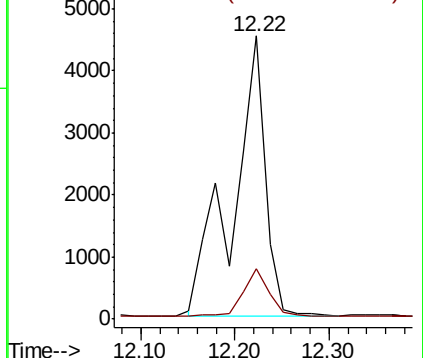
152 100

151 13.1 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: 0.282 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

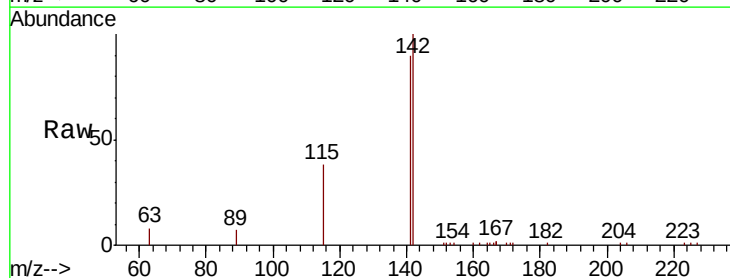
Tgt Ion:142 Resp: 8127

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

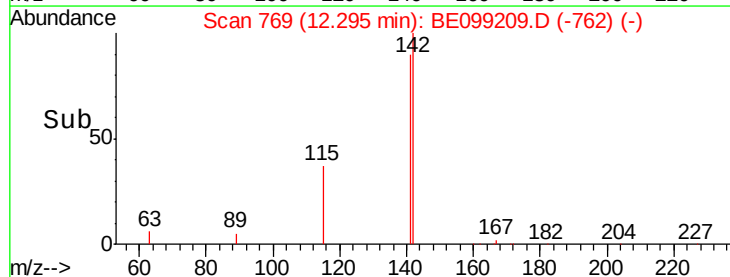
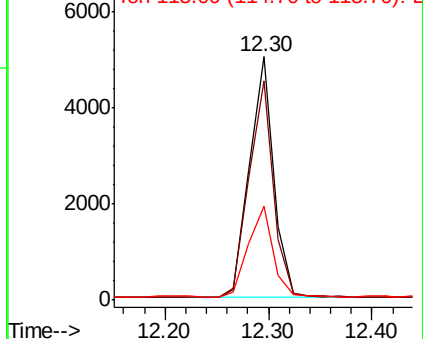
115 38.3 30.4 45.6

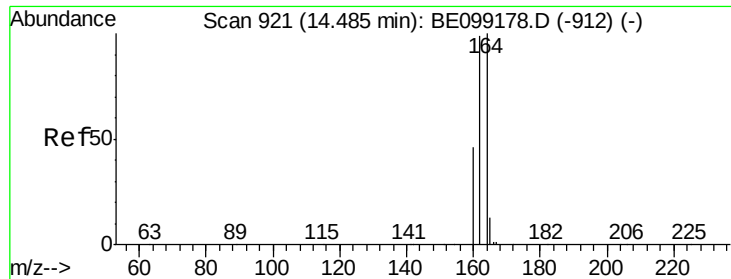


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

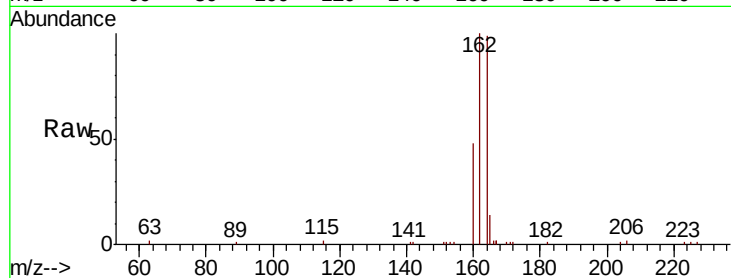




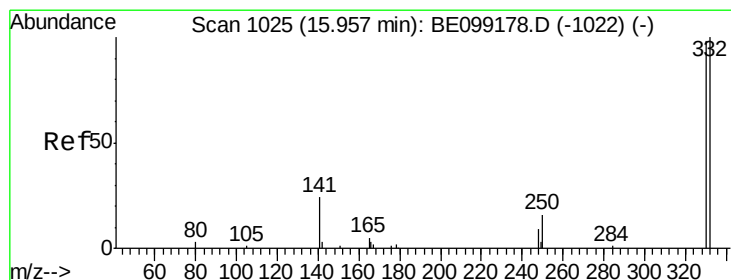
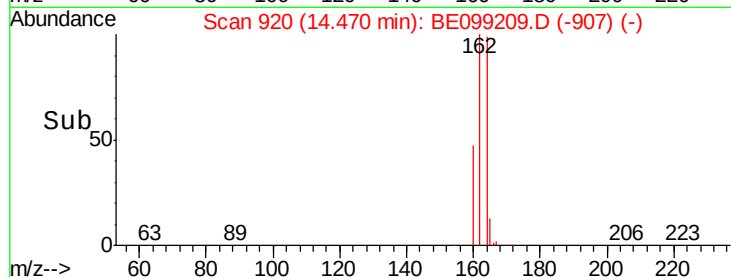
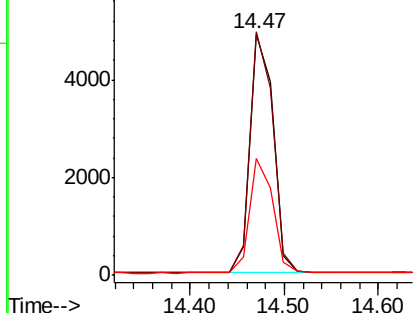
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8435
Ion Ratio Lower Upper
164 100
162 100.8 79.2 118.8
160 48.4 36.7 55.1

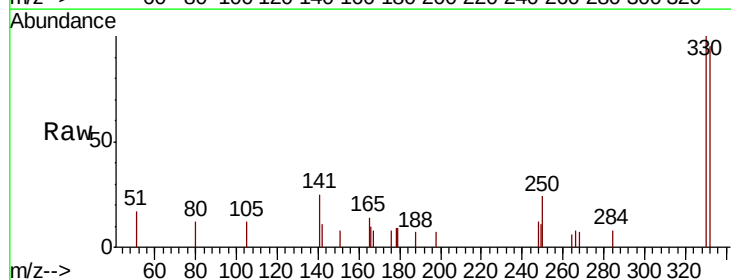


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

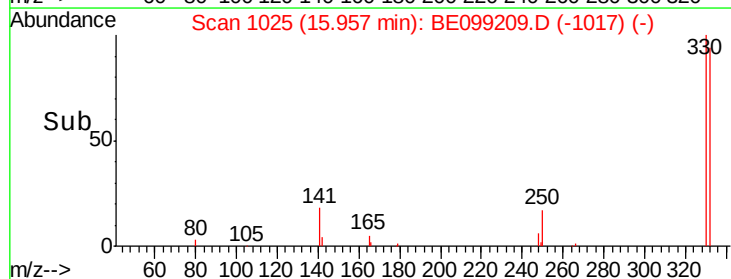
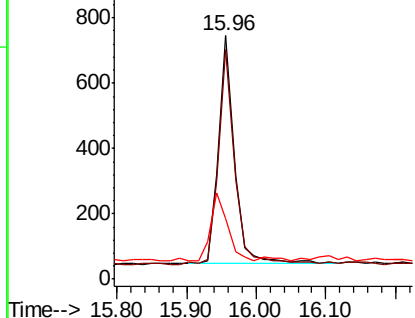


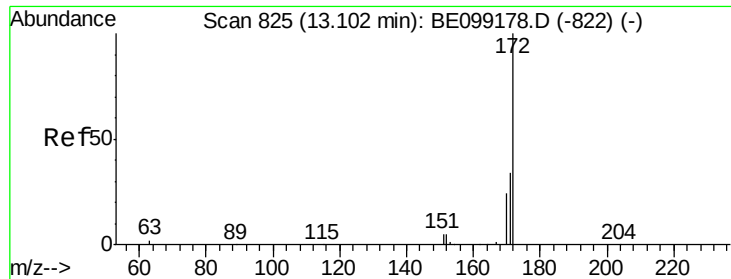
#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:330 Resp: 1120
Ion Ratio Lower Upper
330 100
332 96.0 71.3 106.9
141 32.8 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

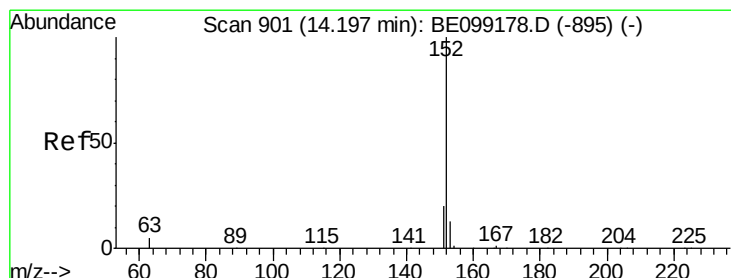
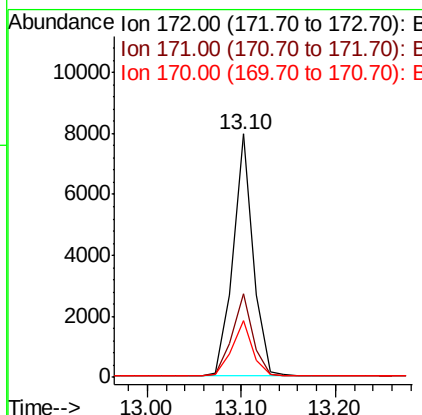
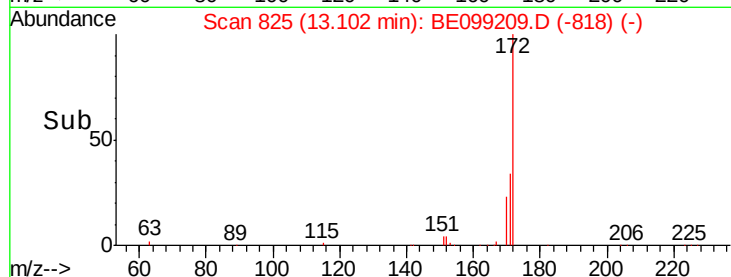
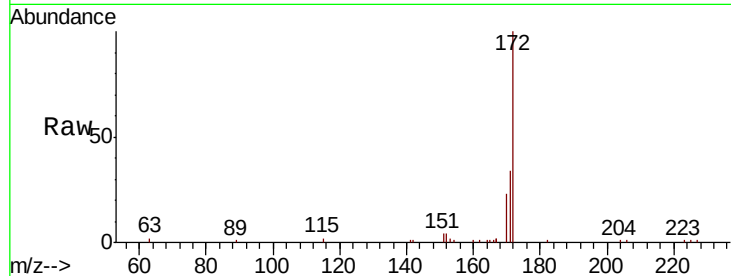




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

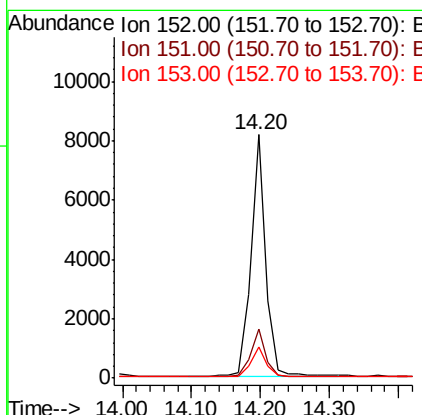
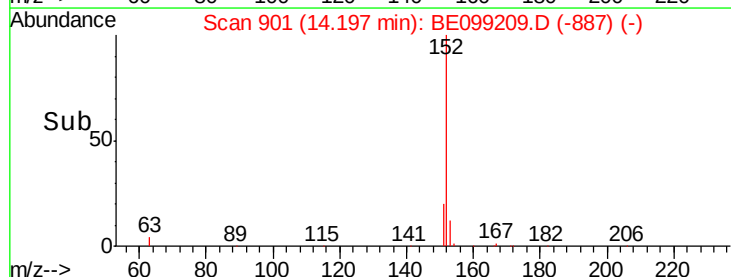
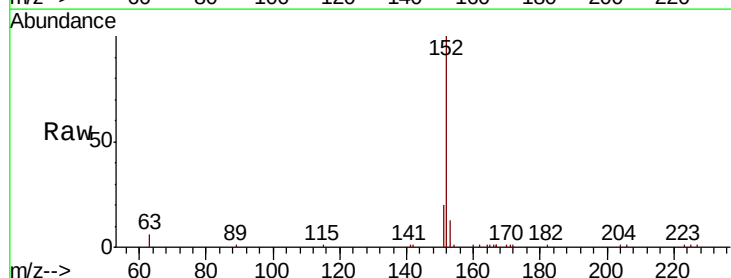
Instrument :
BNA_E
ClientSampled :

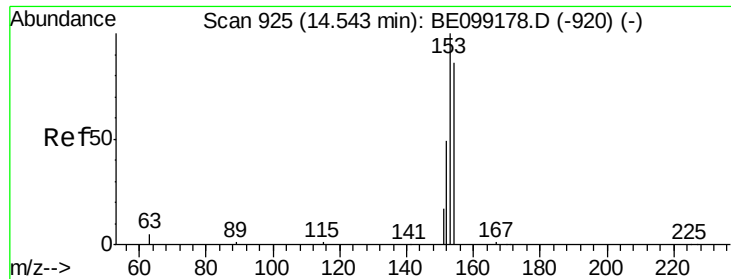
Tot Ion:172 Resp: 11700
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.2 19.1 28.7



#16
Acenaphthylene
Concen: 0.287 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:152 Resp: 12347
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.8 10.6 15.8

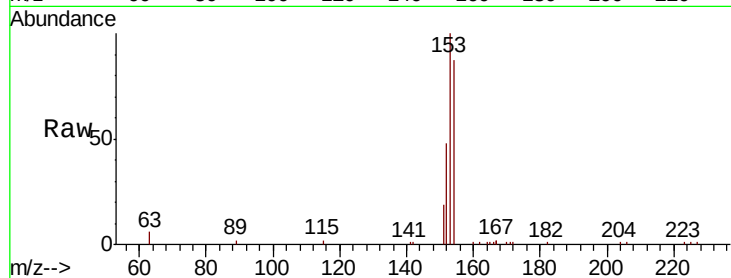




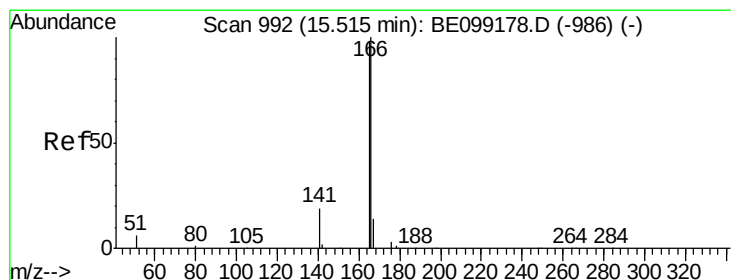
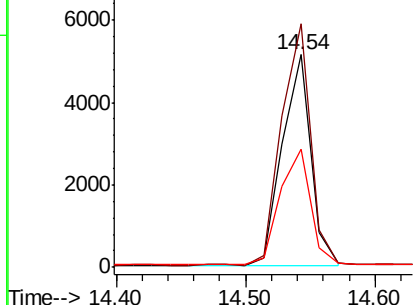
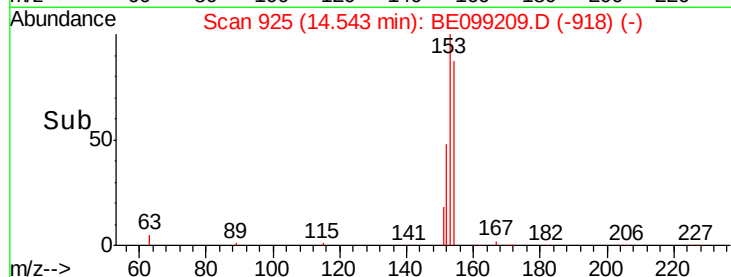
#17
Acenaphthene
Concen: 0.307 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7886
Ion Ratio Lower Upper
154 100
153 116.6 93.4 140.0
152 58.1 46.6 69.8

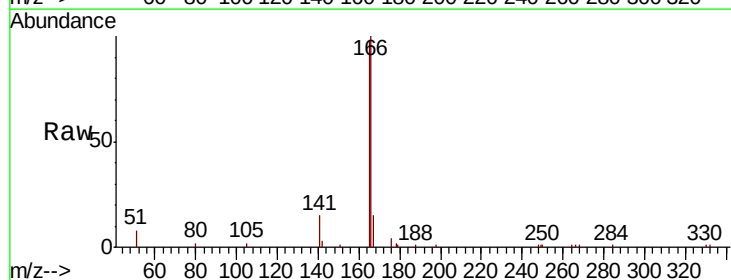


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

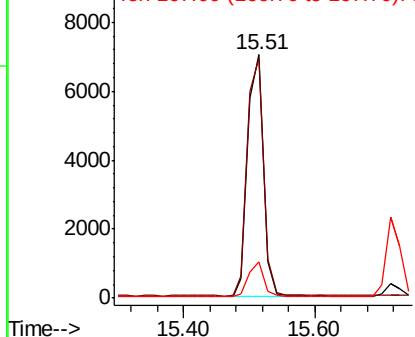
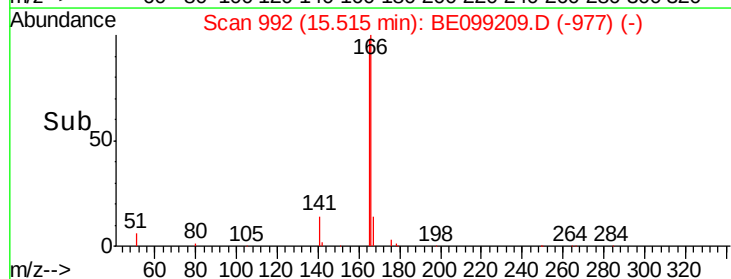


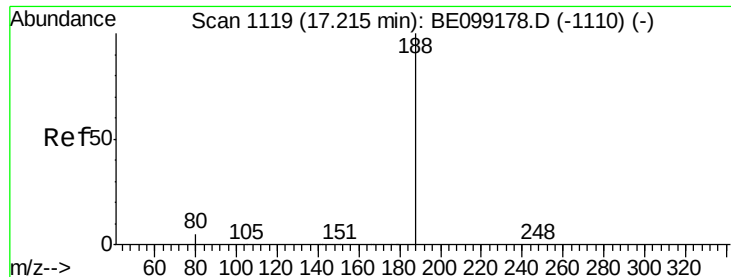
#18
Fluorene
Concen: 0.322 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:166 Resp: 11649
Ion Ratio Lower Upper
166 100
165 101.8 78.9 118.3
167 13.3 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: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

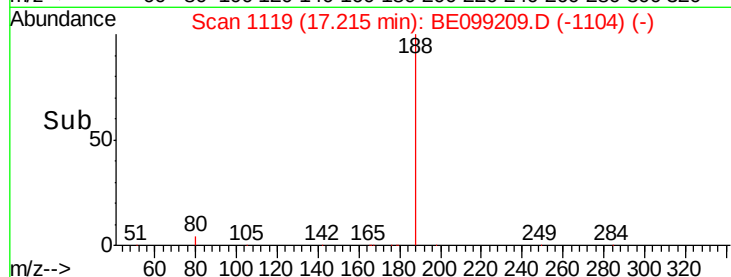
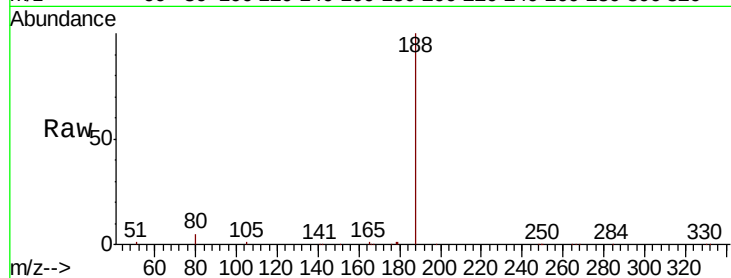
Tot Ion:188 Resp: 27759

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

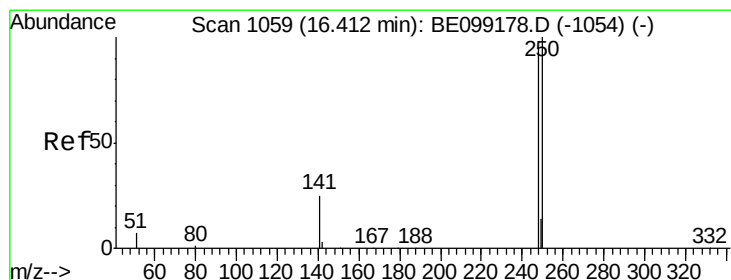
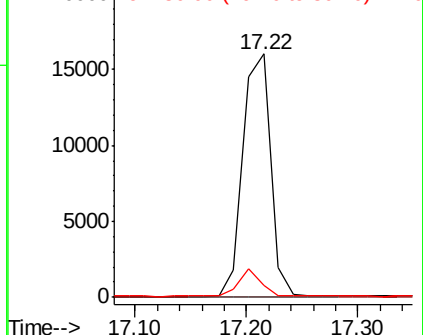
80 4.7 4.5 6.7



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: 0.250 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

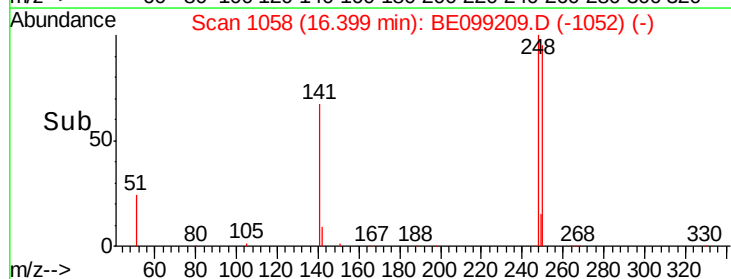
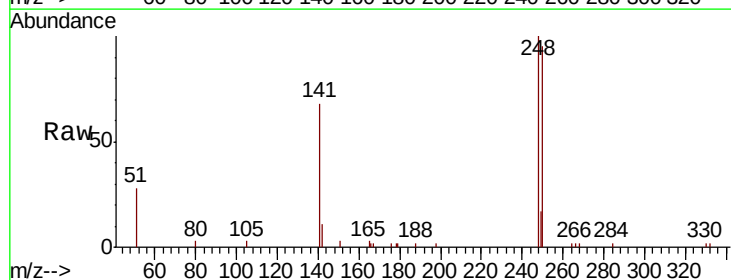
Tgt Ion:248 Resp: 4485

Ion Ratio Lower Upper

248 100

250 95.1 84.2 126.2

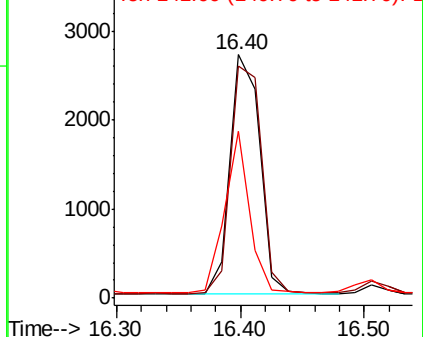
141 68.4 21.8 32.6#

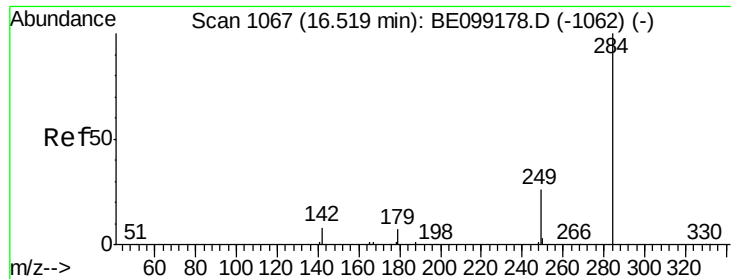


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.256 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

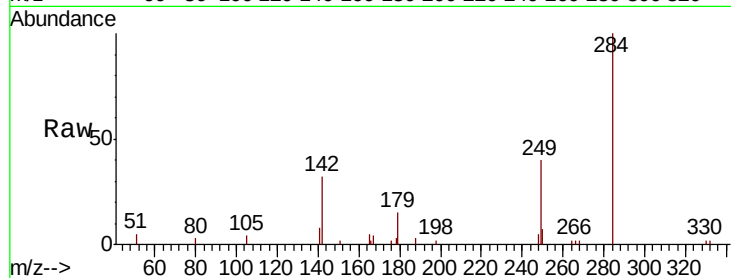
Tot Ion:284 Resp: 4426

Ion Ratio Lower Upper

284 100

142 28.6 22.7 34.1

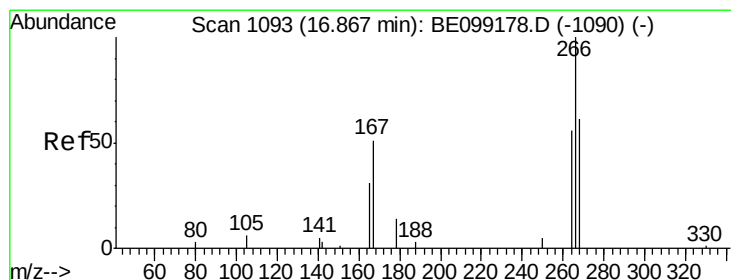
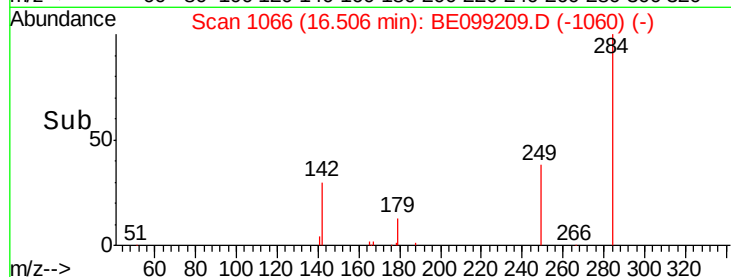
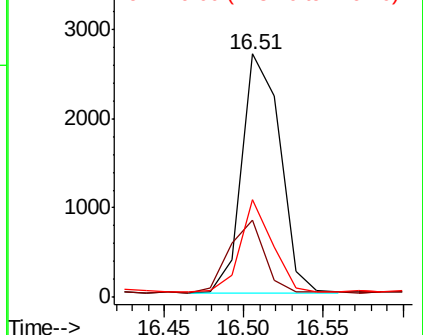
249 32.3 26.9 40.3



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: 0.818 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

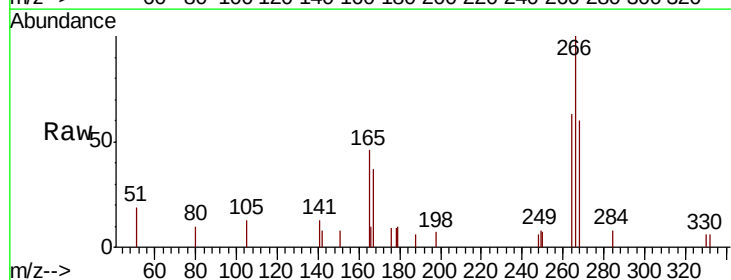
Tgt Ion:266 Resp: 1565

Ion Ratio Lower Upper

266 100

264 63.0 54.4 81.6

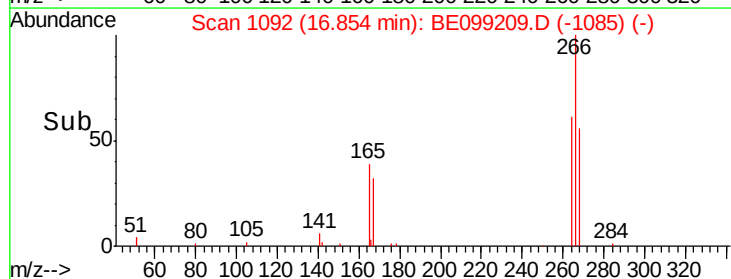
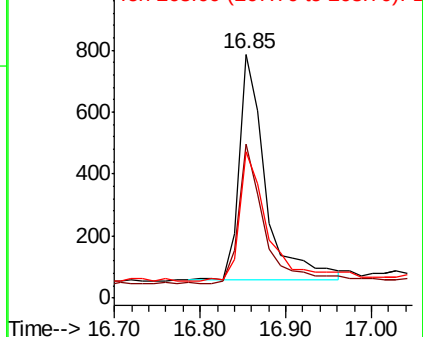
268 60.3 61.3 91.9#

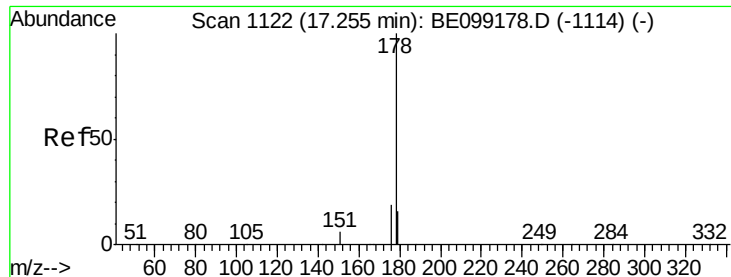


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

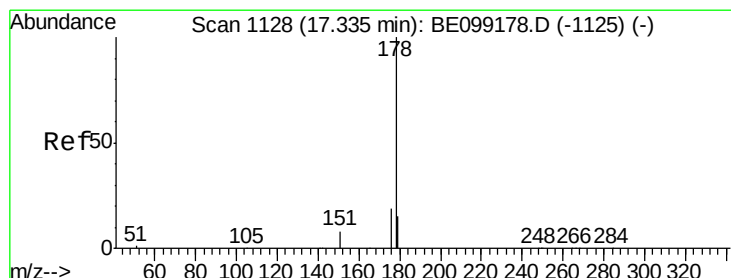
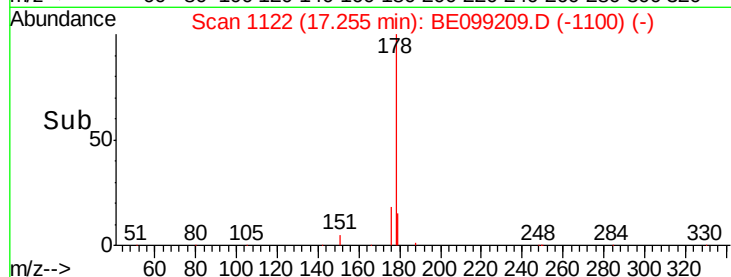
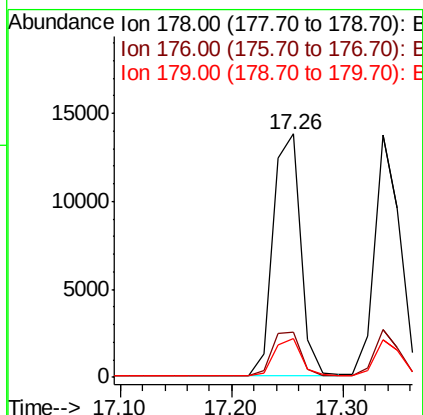
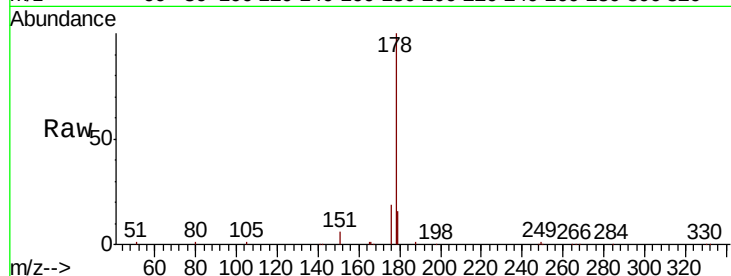




#23
Phenanthrene
Concen: 0.295 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

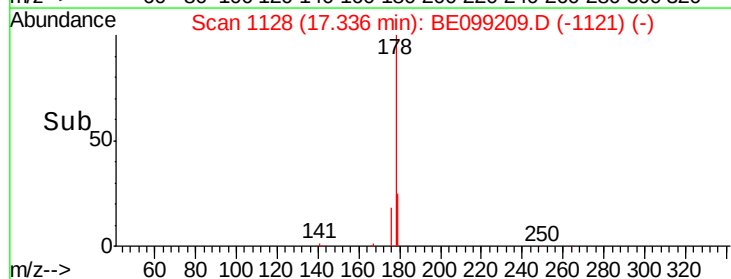
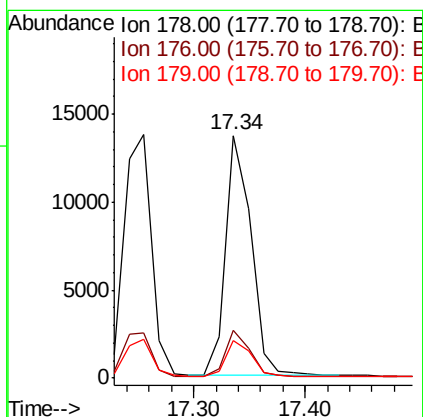
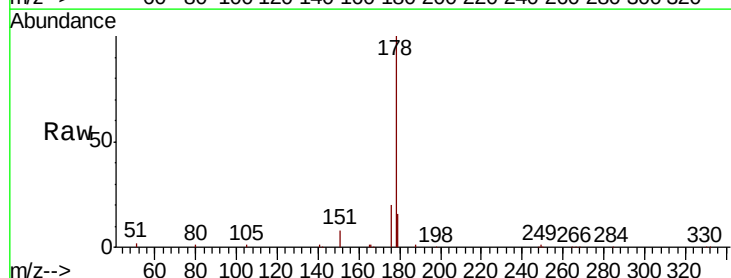
Instrument :
BNA_E
ClientSampleId :

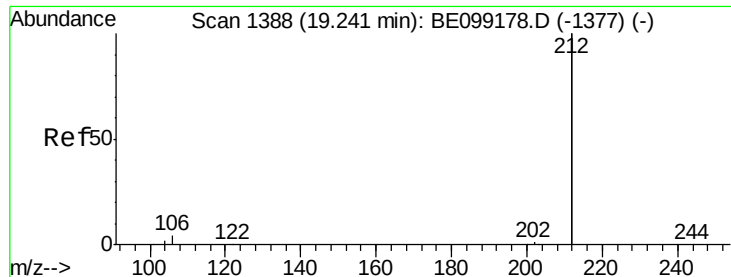
Tot Ion:178 Resp: 24035
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.3 18.5



#24
Anthracene
Concen: 0.294 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:178 Resp: 21650
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

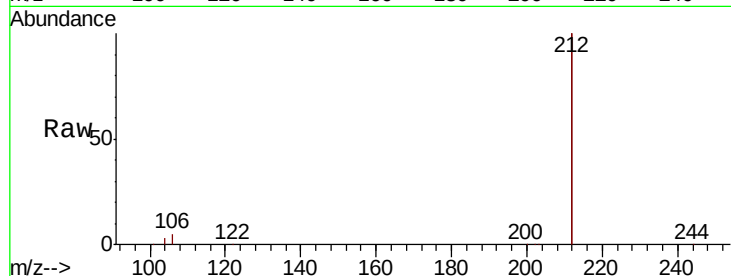
Tot Ion:212 Resp: 118760

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

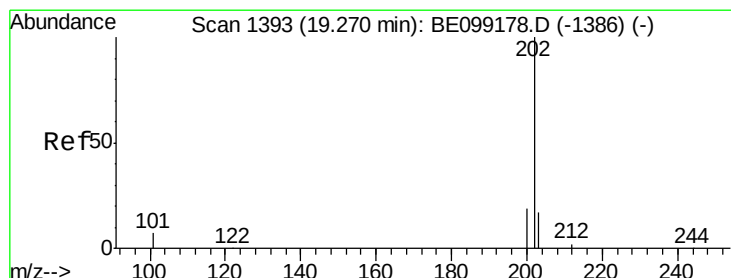
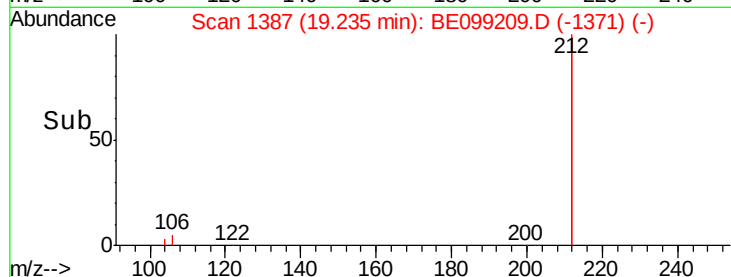
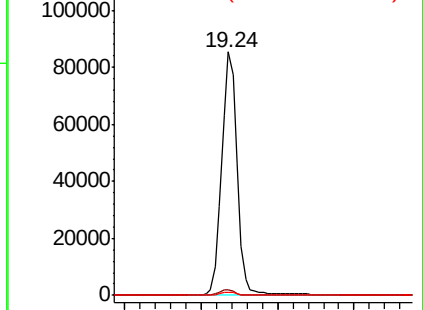
104 1.3 1.1 1.7



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: 0.328 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

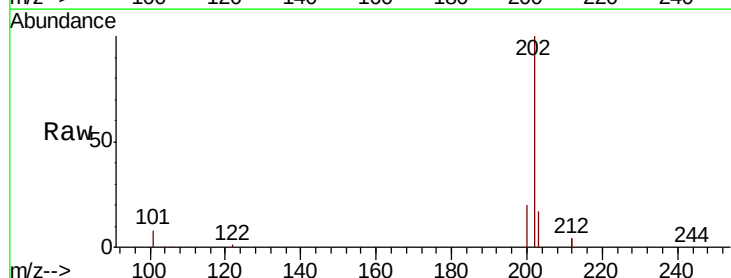
Tgt Ion:202 Resp: 34150

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

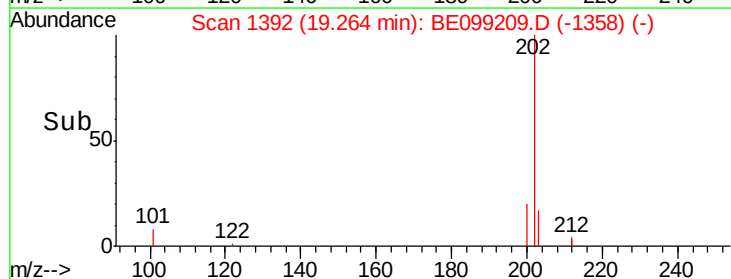
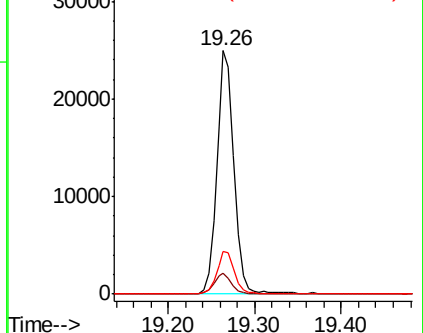
203 17.3 13.8 20.6

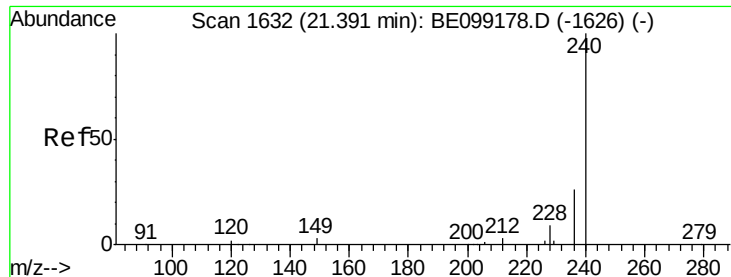


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

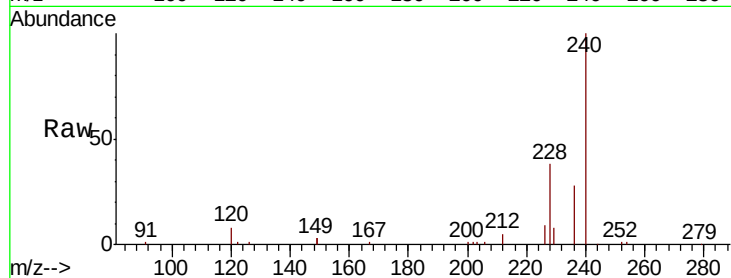




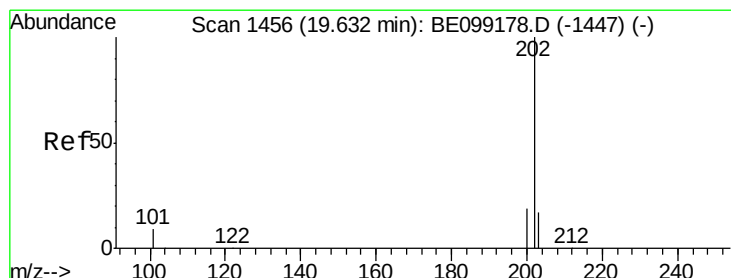
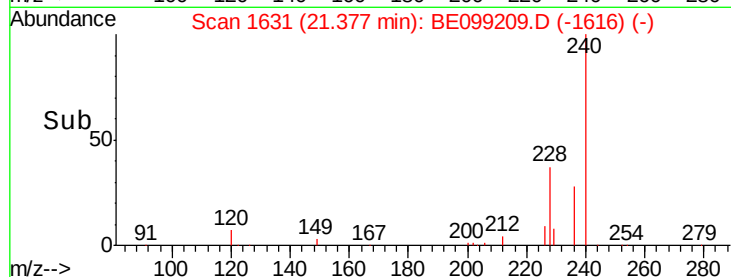
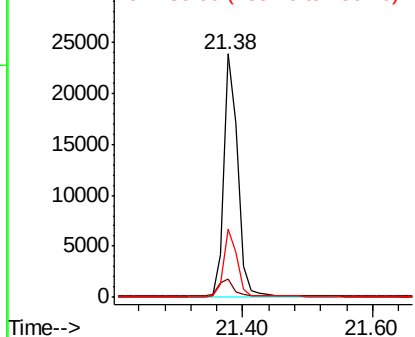
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 36351
Ion Ratio Lower Upper
240 100
120 7.7 2.6 3.8#
236 27.9 20.9 31.3

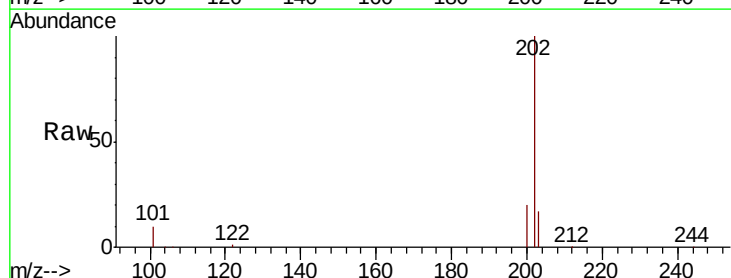


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

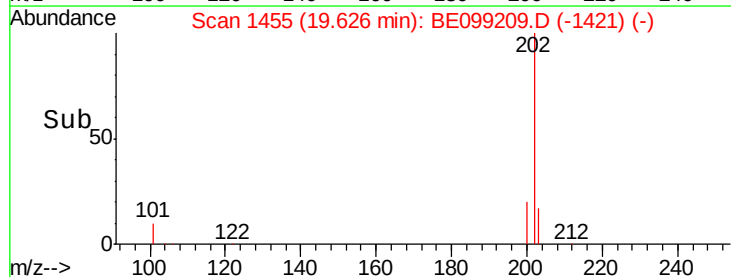
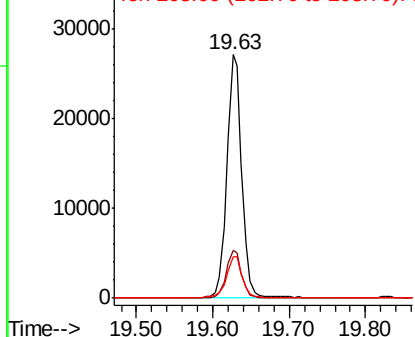


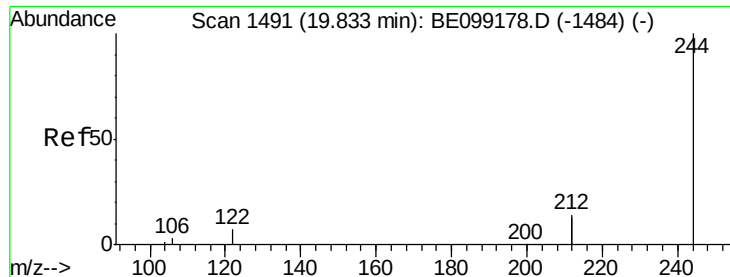
#28
Pyrene
Concen: 0.305 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:202 Resp: 36788
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

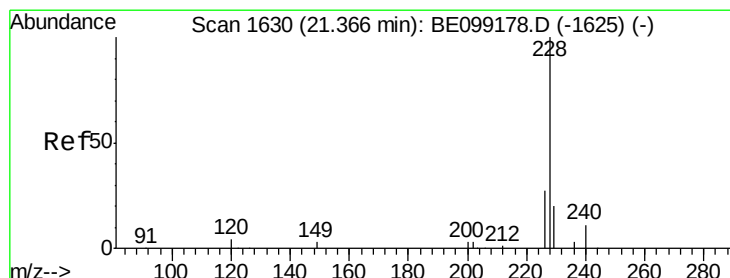
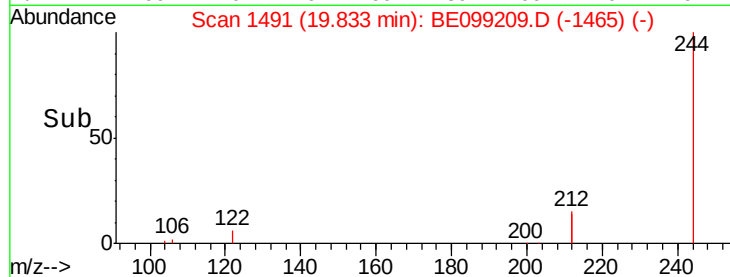
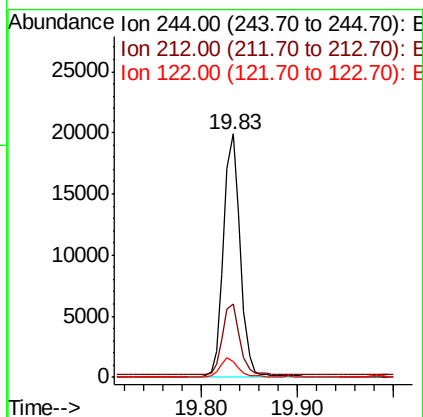
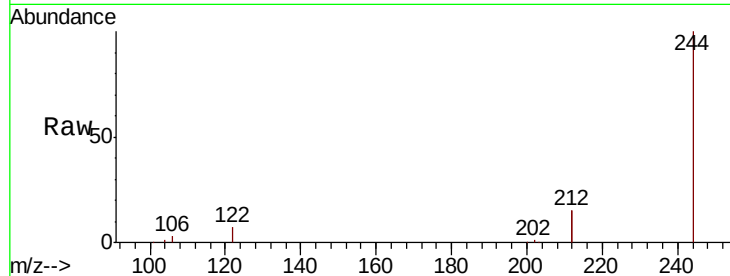




#29
 Terphenyl-d14
 Concen: 0.304 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

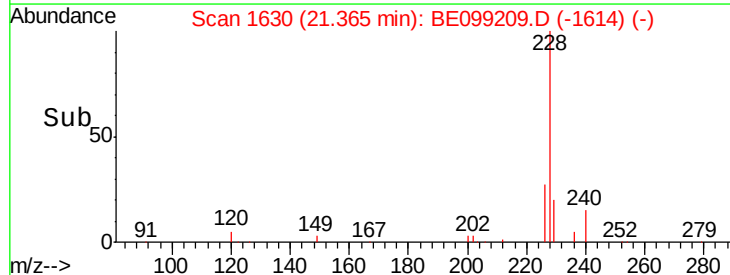
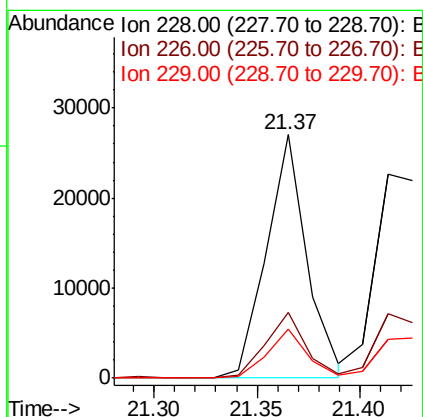
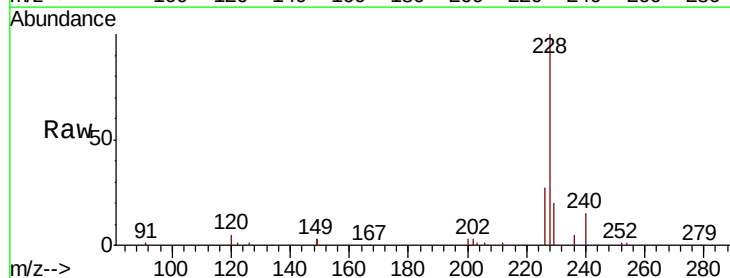
Instrument :
 BNA_E
 ClientSampleId :

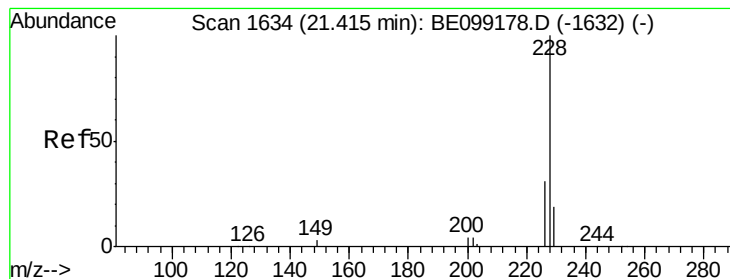
Tot Ion:244 Resp: 24041
 Ion Ratio Lower Upper
 244 100
 212 30.2 22.7 34.1
 122 6.6 5.8 8.6



#30
 Benzo(a)anthracene
 Concen: 0.307 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

Tgt Ion:228 Resp: 36818
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.7 32.5
 229 19.9 15.9 23.9





#31

Chrysene

Concen: 0.296 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

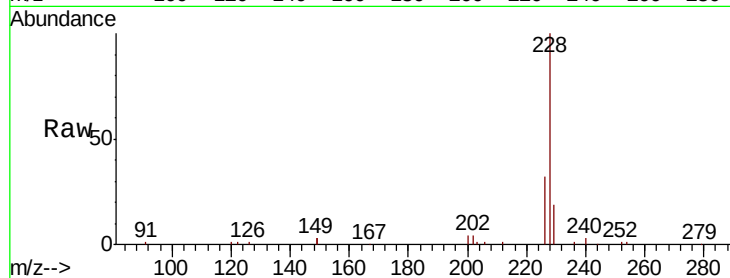
Tot Ion:228 Resp: 37944

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

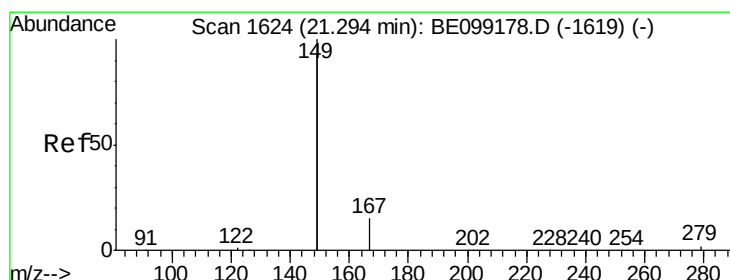
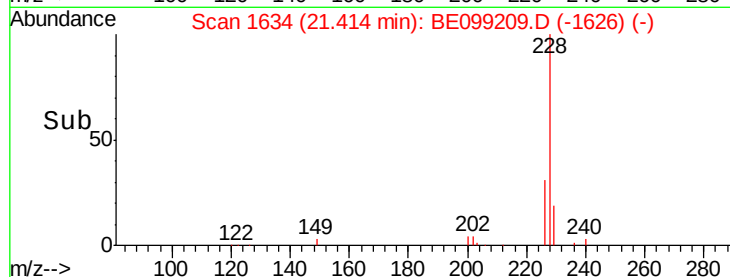
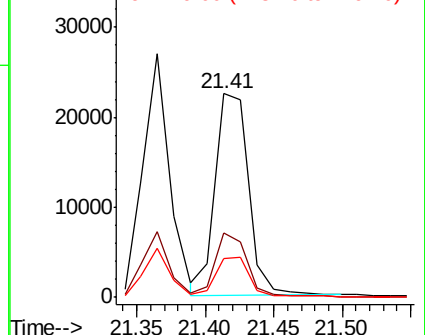
229 18.9 15.4 23.0



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: 0.327 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

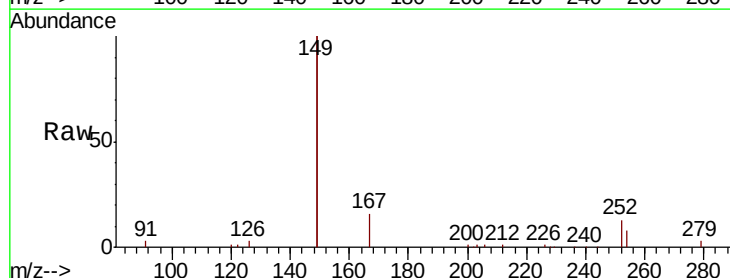
Tgt Ion:149 Resp: 46773

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

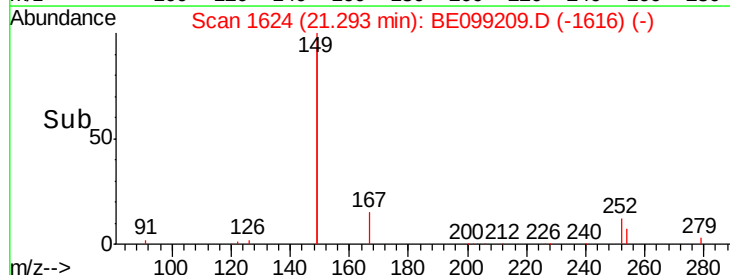
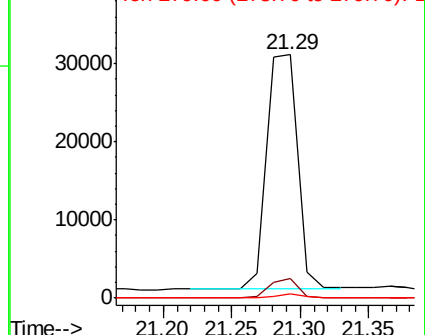
279 1.3 1.0 1.6

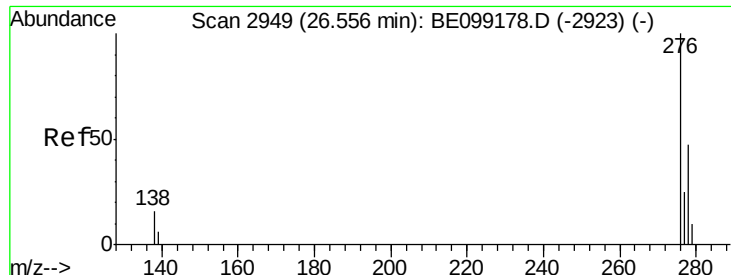


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

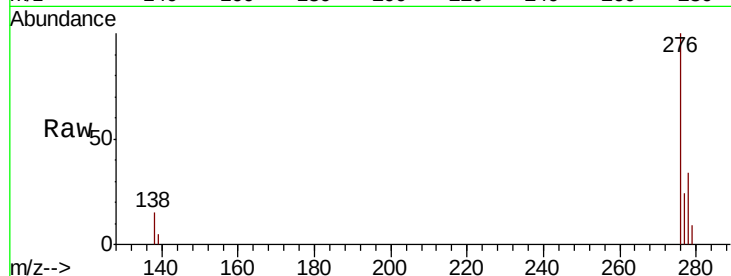




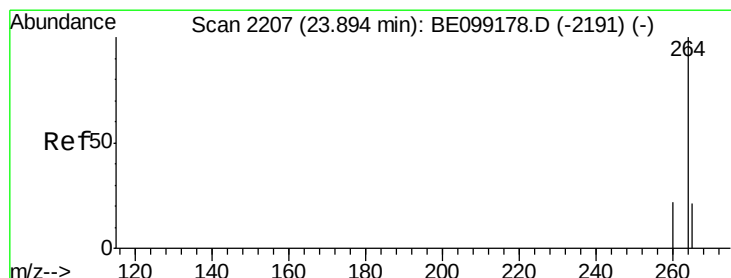
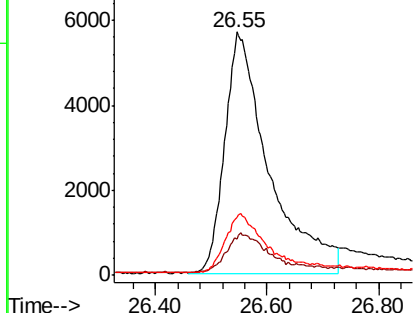
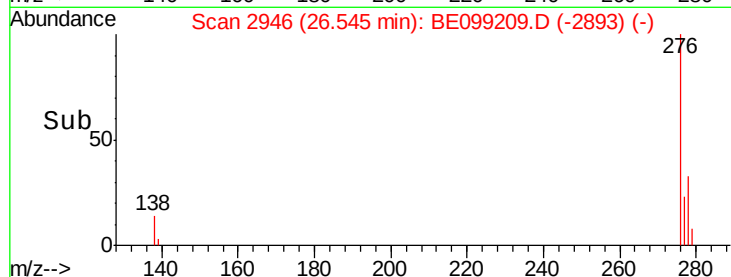
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.257 ng
 RT: 26.55 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 31156
 Ion Ratio Lower Upper
 276 100
 138 15.4 12.9 19.3
 277 22.0 18.3 27.5

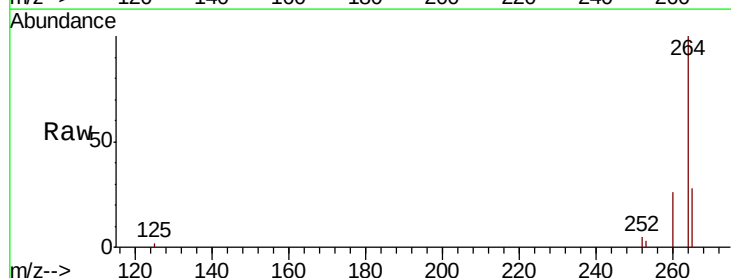


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

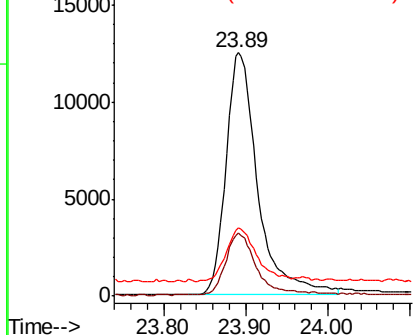
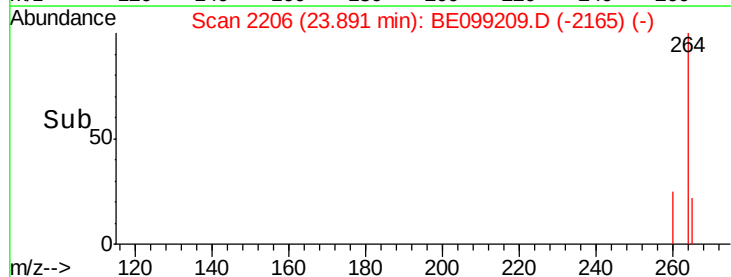


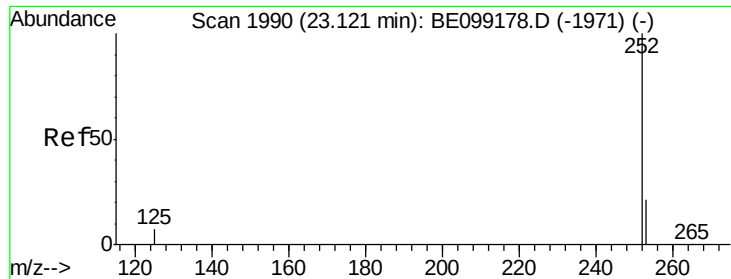
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE099209.D
 Acq: 26 Mar 2019 10:31

Tgt Ion:264 Resp: 33624
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.2 27.2
 265 27.9 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: 0.293 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

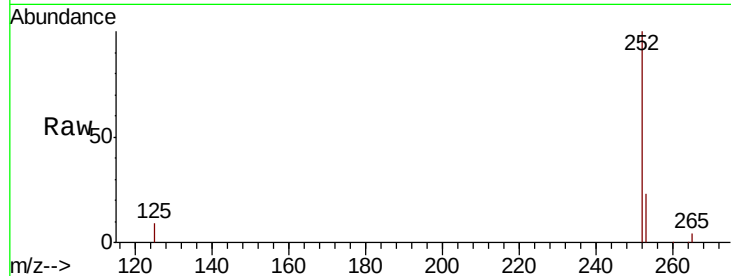
Tot Ion:252 Resp: 32419

Ion Ratio Lower Upper

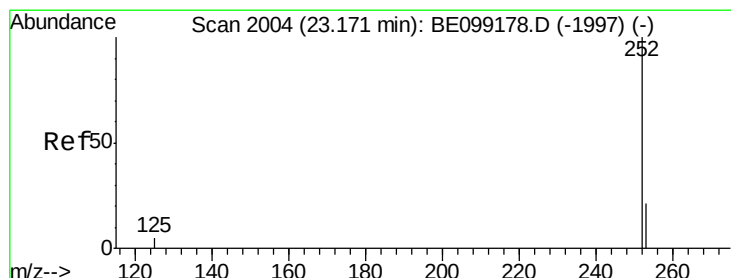
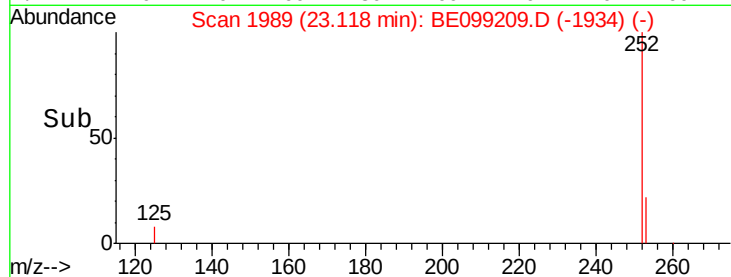
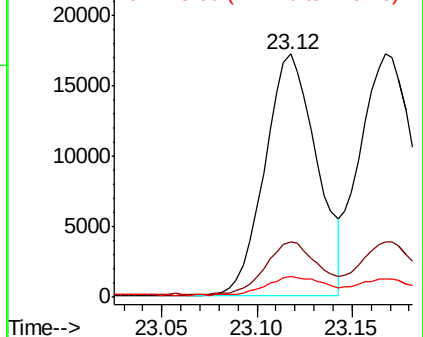
252 100

253 22.9 17.8 26.8

125 8.7 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: 0.316 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

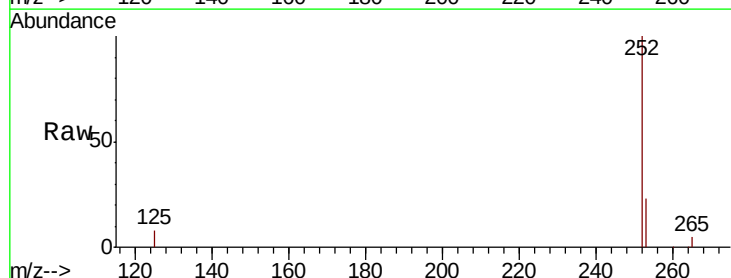
Tgt Ion:252 Resp: 36908

Ion Ratio Lower Upper

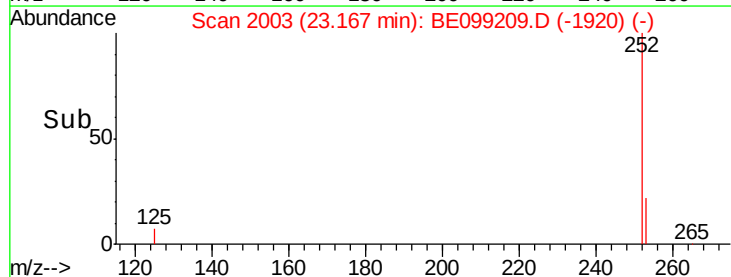
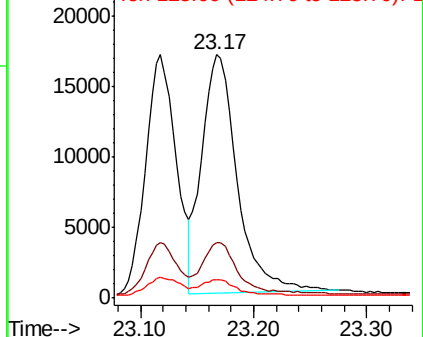
252 100

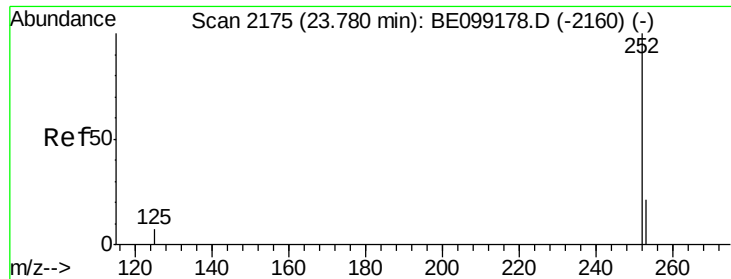
253 22.9 17.8 26.6

125 7.6 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

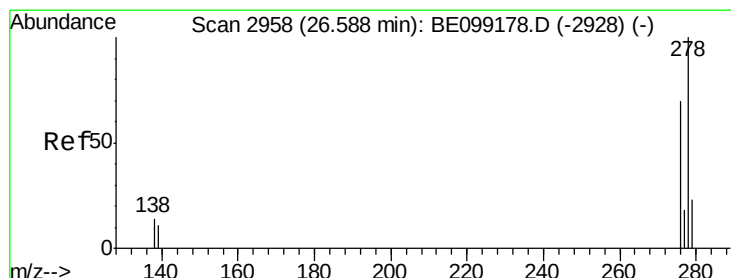
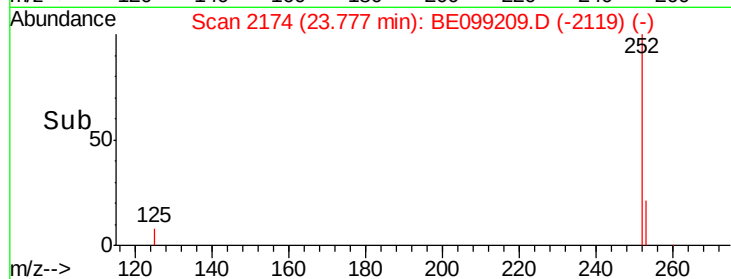
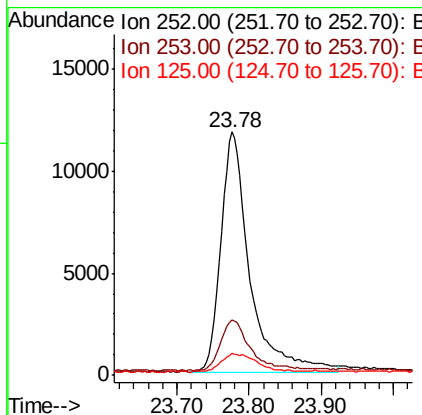
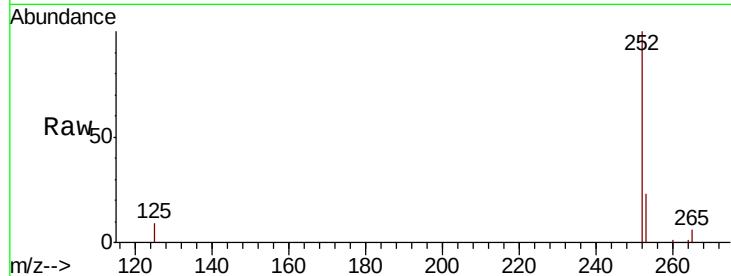




#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

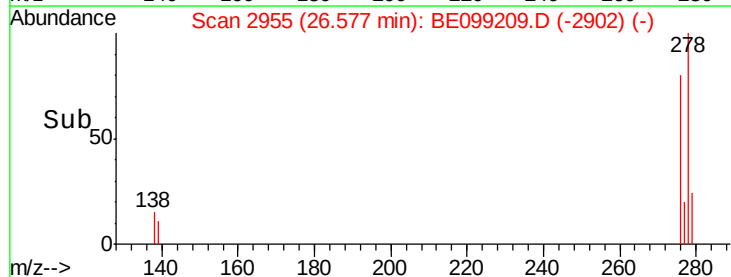
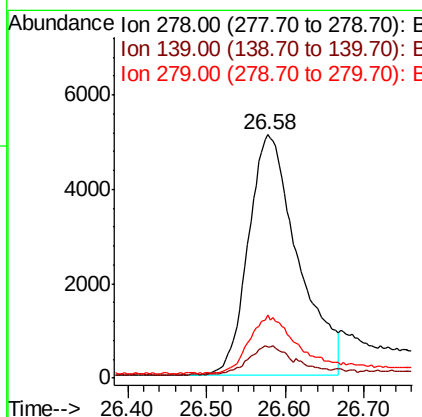
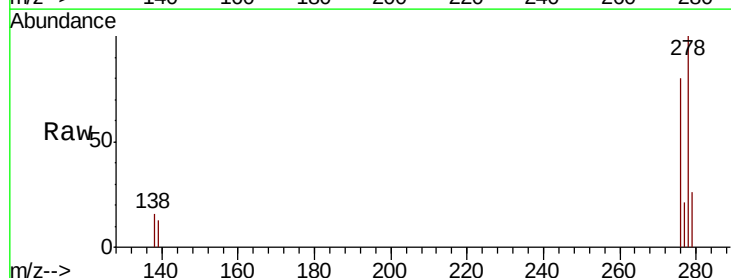
Instrument :
BNA_E
ClientSampleId :

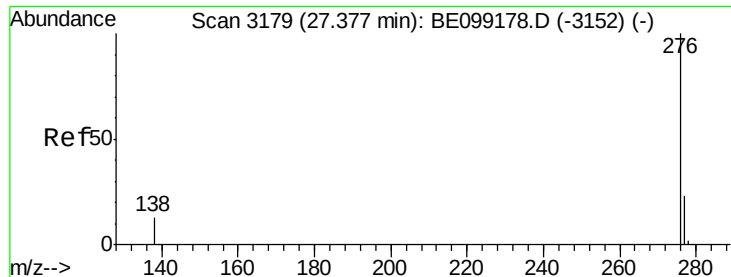
Tot Ion:252 Resp: 32453
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.0 6.8 10.2



#38
Dibenzo(a,h)anthracene
Concen: 0.243 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BE099209.D
Acq: 26 Mar 2019 10:31

Tgt Ion:278 Resp: 22314
Ion Ratio Lower Upper
278 100
139 12.6 9.5 14.3
279 26.0 19.1 28.7





#39

Benzo(a,h,i)perylene

Concen: 0.279 ng

RT: 27.37 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE099209.D

Acq: 26 Mar 2019 10:31

Instrument :

BNA_E

ClientSampleId :

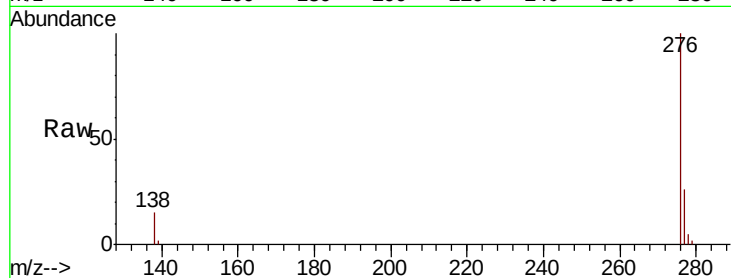
Tot Ion: 276 Resp: 25659

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 15.4 11.1 16.7



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

