

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099538.D
 Acq On : 3 May 2019 20:06
 Operator : JU/SJ
 Sample : K2568-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW062-042219

Quant Time: May 03 23:37:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2551	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	10042	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	7745	0.40	ng	0.01
19) Phenanthrene-d10	17.20	188	21763	0.40	ng	0.01
27) Chrysene-d12	21.38	240	25096	0.40	ng	0.01
34) Perylene-d12	23.89	264	29928	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2194	0.31	ng	0.00
5) Phenol-d6	6.98	99	3213	0.34	ng	0.00
8) Nitrobenzene-d5	8.96	82	2766	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	5103	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1600	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	7728	0.26	ng	0.00
25) Fluoranthene-d10	19.23	212	70749	0.24	ng	0.01
29) Terphenyl-d14	19.82	244	15743	0.34	ng	0.00

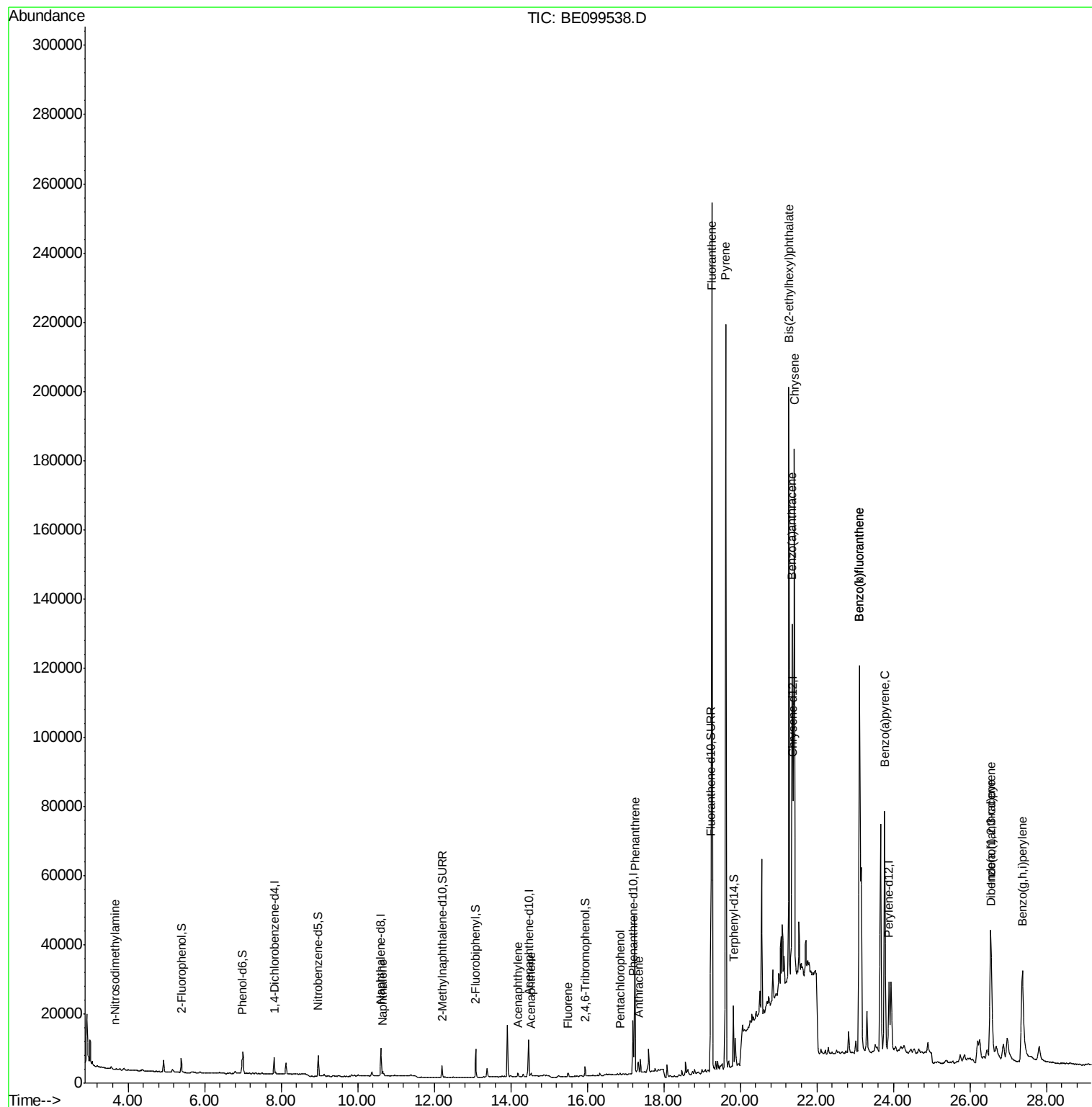
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.67	42	53	0.025	ng	# 1
9) Naphthalene	10.65	128	2226	0.020	ng	# 91
16) Acenaphthylene	14.18	152	1623	0.043	ng	# 96
17) Acenaphthene	14.53	154	455	0.021	ng	# 92
18) Fluorene	15.50	166	1118	0.035	ng	# 96
22) Pentachlorophenol	16.85	266	166	0.239	ng	# 75
23) Phenanthrene	17.24	178	46783	0.833	ng	# 99
24) Anthracene	17.34	178	3538	0.066	ng	# 89
26) Fluoranthene	19.26	202	235076	2.795	ng	# 99
28) Pvrene	19.62	202	195947	2.995	ng	# 95
30) Benzo(a)anthracene	21.35	228	102339	1.280	ng	# 95
31) Chrysene	21.41	228	153720	1.965	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.27	149	191221	1.624	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	93919	1.016	ng	# 92
35) Benzo(b)fluoranthene	23.11	252	216943	2.514	ng	# 97
36) Benzo(k)fluoranthene	23.11	252	216943	2.607	ng	# 98
37) Benzo(a)pvrene	23.77	252	116341	1.426	ng	# 97
38) Dibenzo(a,h)anthracene	26.57	278	18698	0.224	ng	# 66
39) Benzo(g,h,i)perylene	27.37	276	89100	1.066	ng	# 95

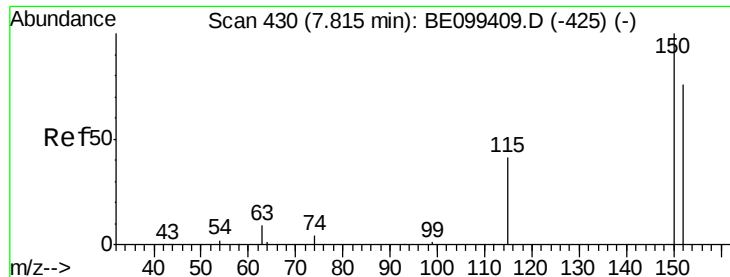
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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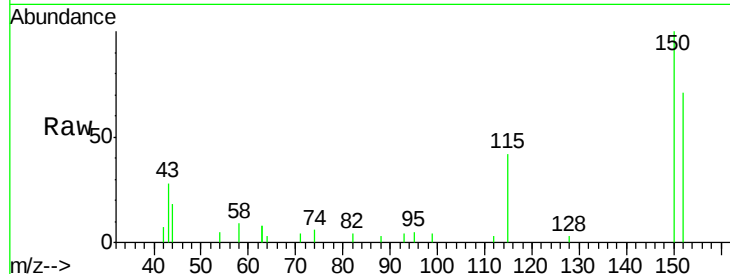


#1

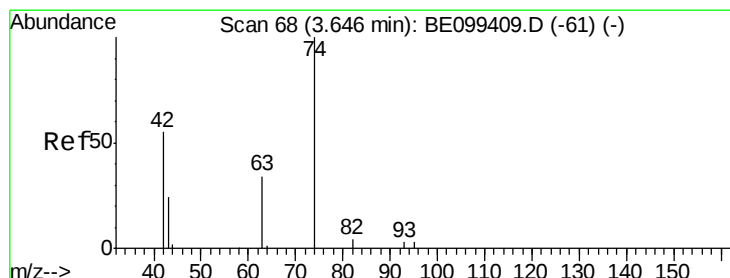
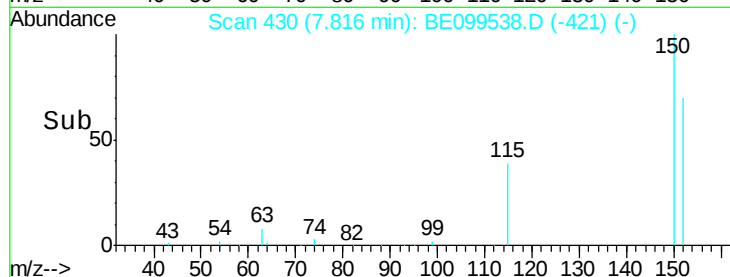
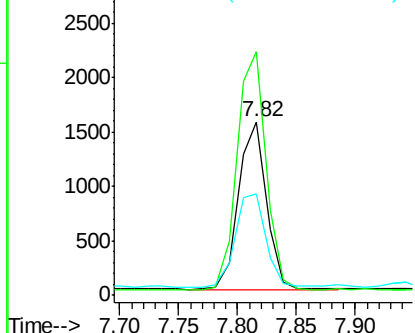
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW062-042219

Tot Ion:152 Resp: 2551
Ion Ratio Lower Upper
152 100
150 140.3 104.8 157.2
115 58.7 46.6 69.8



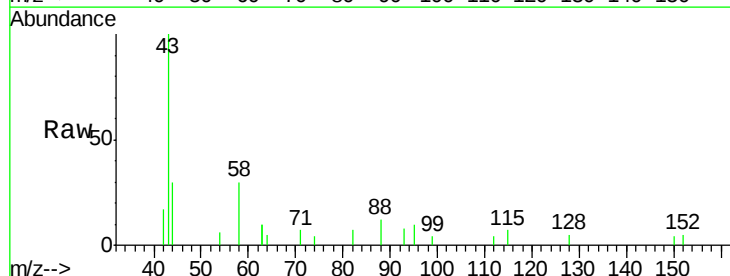
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



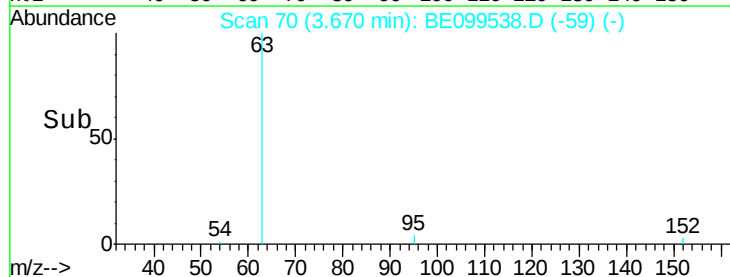
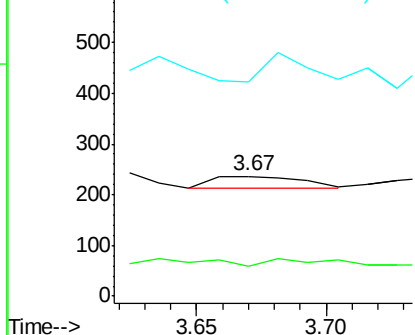
#3

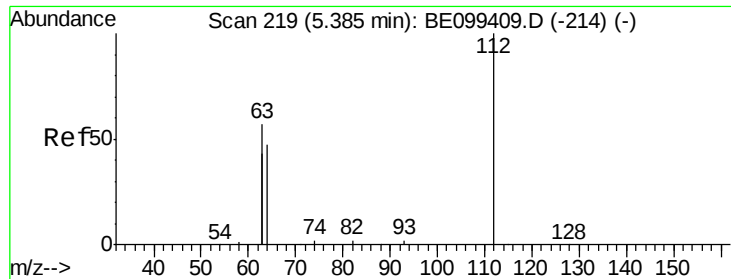
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.02 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
74 26.4 141.6 212.4#
44 120.8 0.0 0.0#



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





#4

2-Fluorophenol

Concen: 0.311 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

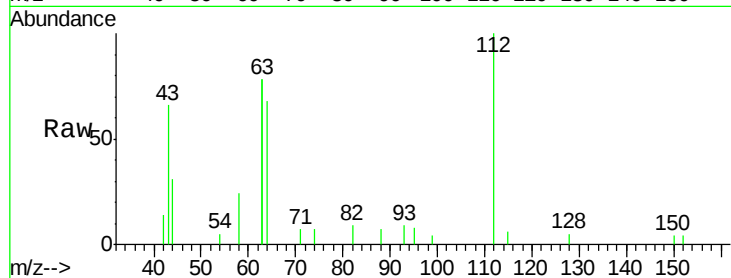
Tot Ion:112 Resp: 2194

Ion Ratio Lower Upper

112 100

64 59.5 47.4 71.0

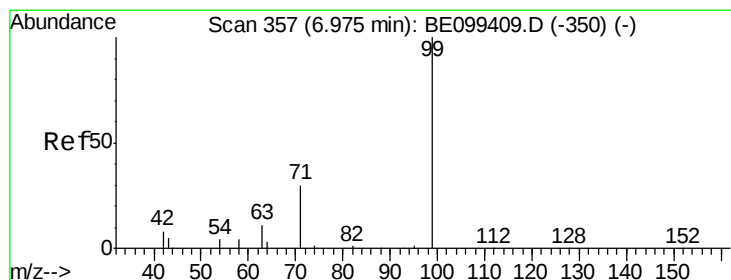
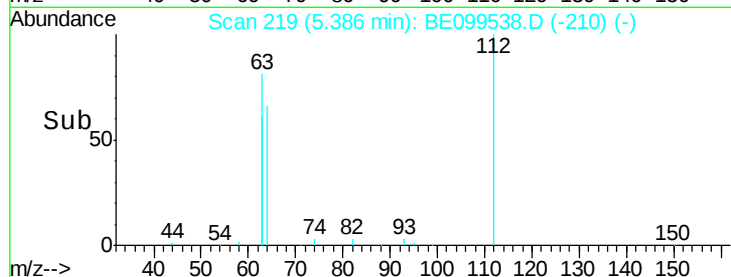
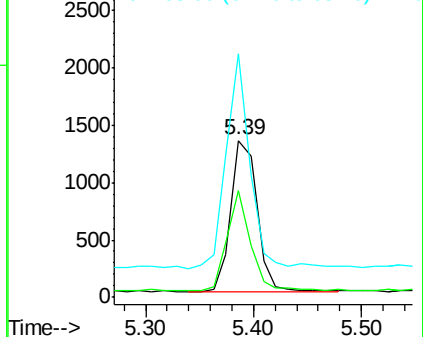
63 130.4 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.342 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

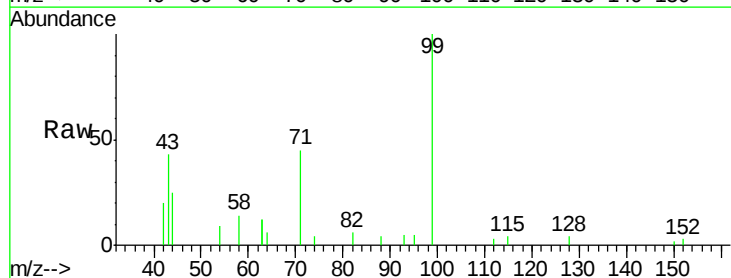
Tgt Ion: 99 Resp: 3213

Ion Ratio Lower Upper

99 100

42 22.3 14.9 22.3

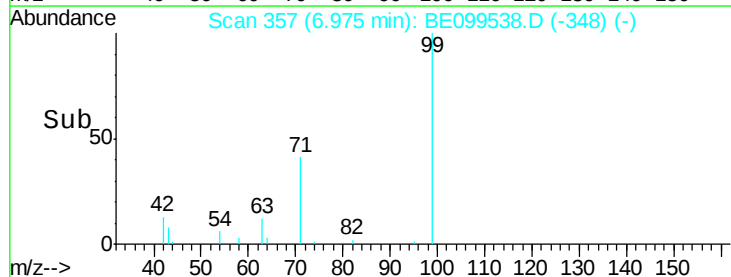
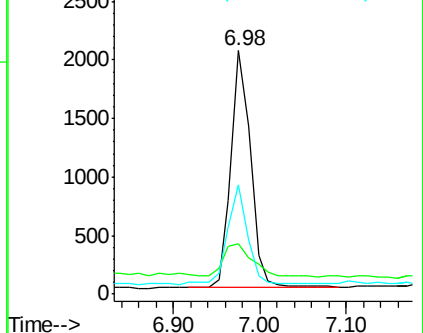
71 41.7 33.0 49.6

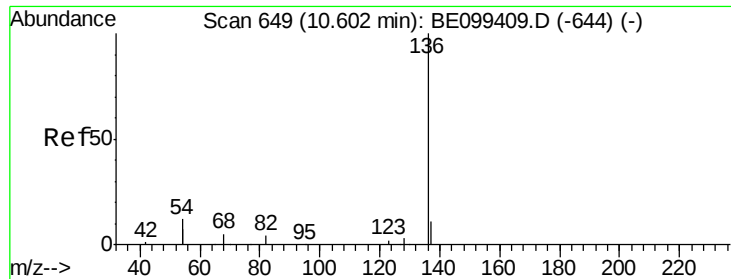


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

Tot Ion:136 Resp: 10042

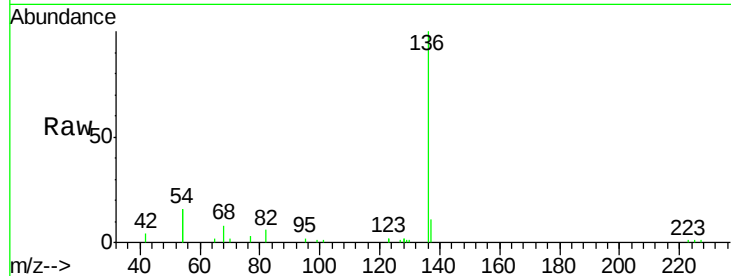
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 32.6 18.5 27.7#

68 7.5 4.7 7.1#

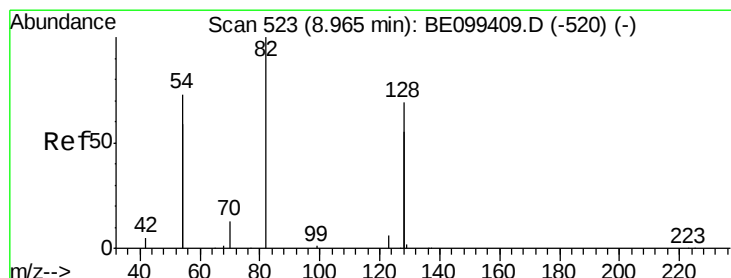
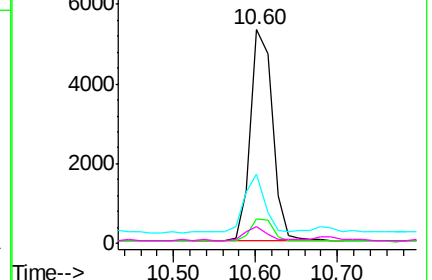
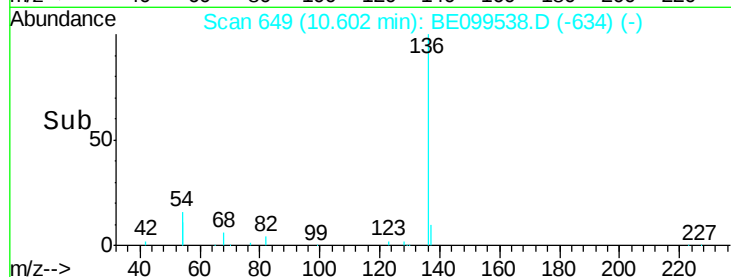


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

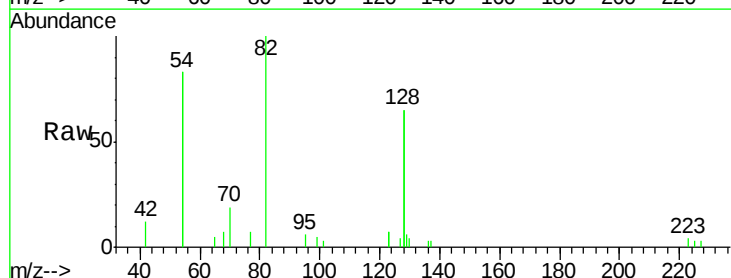
Tgt Ion: 82 Resp: 2766

Ion Ratio Lower Upper

82 100

128 129.9 107.0 160.4

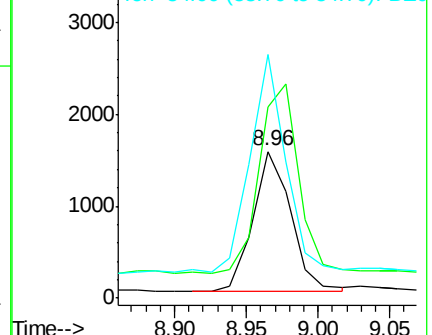
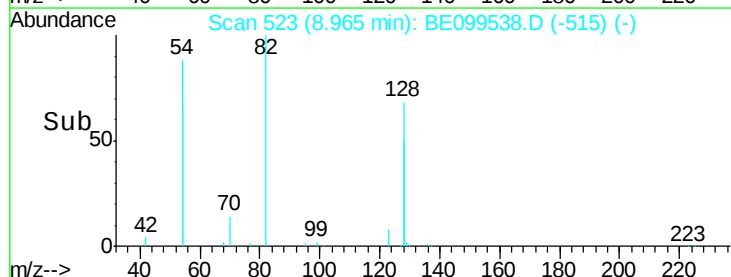
54 165.9 113.1 169.7

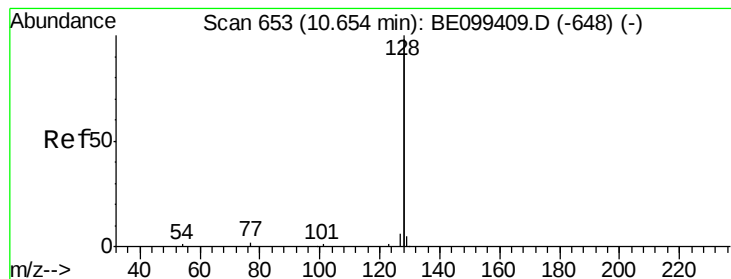


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.020 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

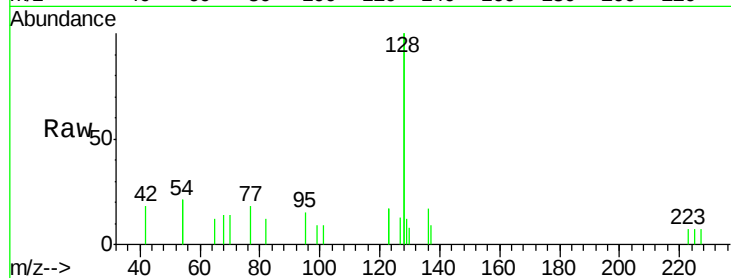
Tot Ion:128 Resp: 2226

Ion Ratio Lower Upper

128 100

129 6.2 2.4 3.6#

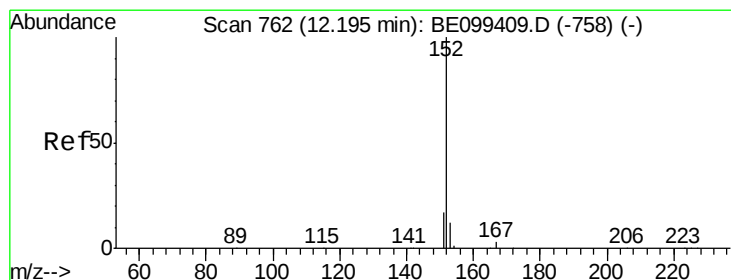
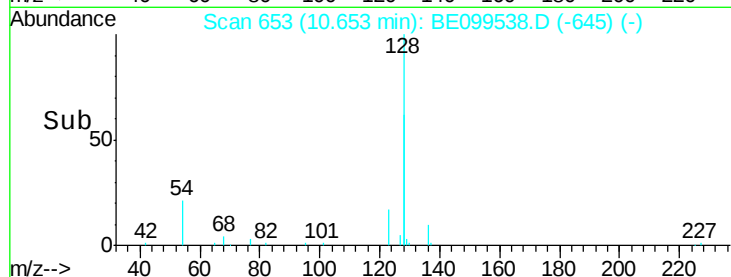
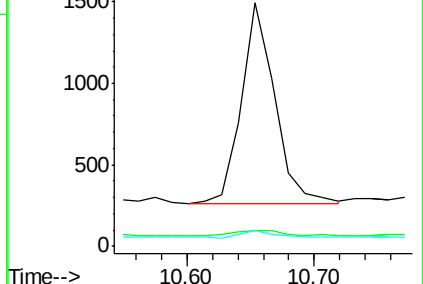
127 6.5 2.8 4.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.282 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099538.D

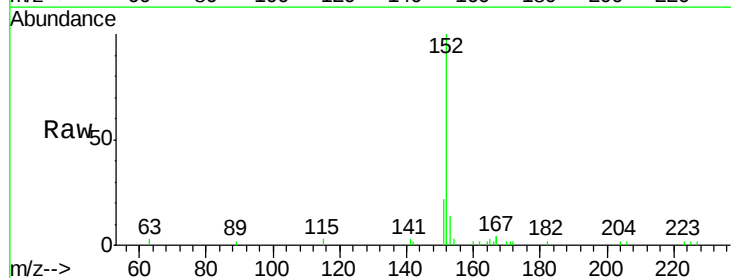
Acq: 3 May 2019 20:06

Tgt Ion:152 Resp: 5103

Ion Ratio Lower Upper

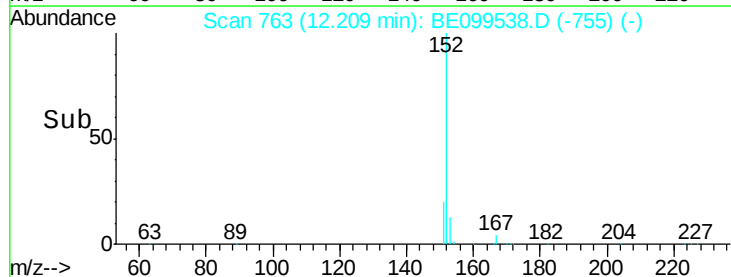
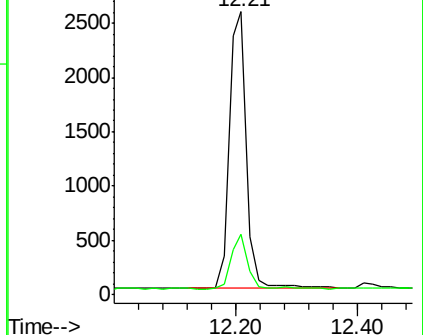
152 100

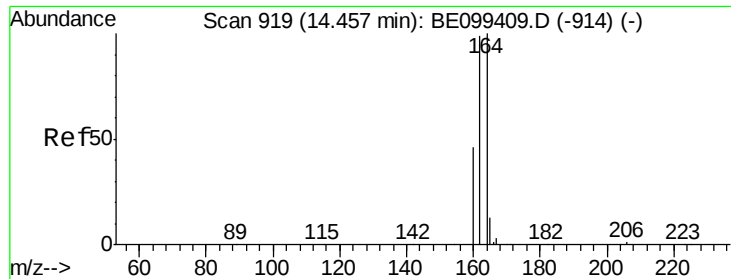
151 18.6 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

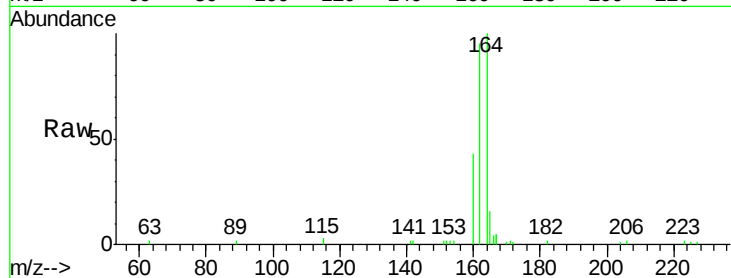




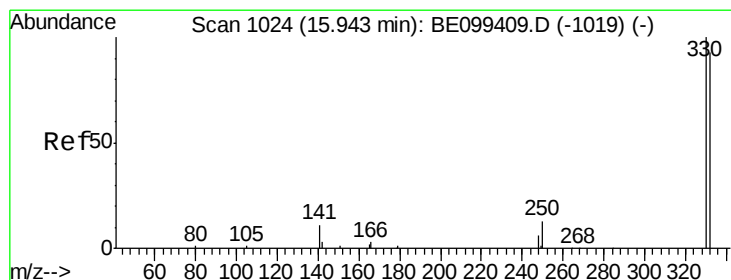
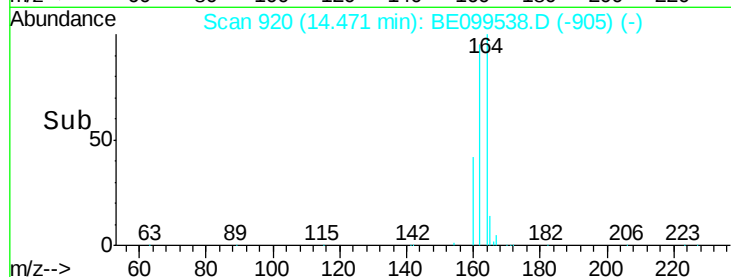
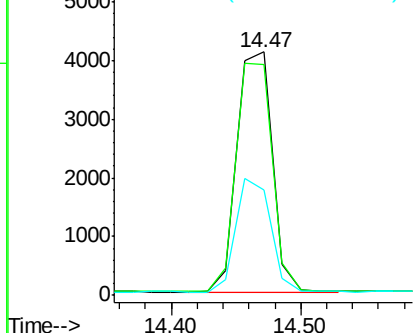
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW062-042219

Tot Ion:164 Resp: 7745
Ion Ratio Lower Upper
164 100
162 94.7 79.0 118.4
160 43.0 37.0 55.4

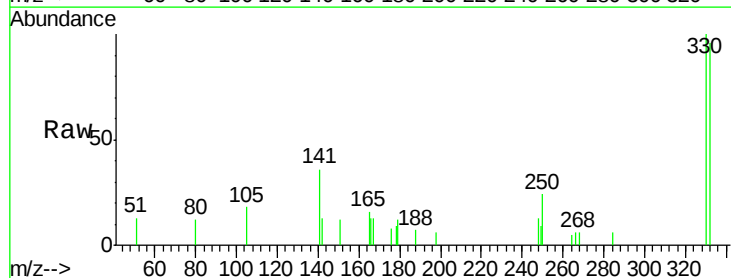


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

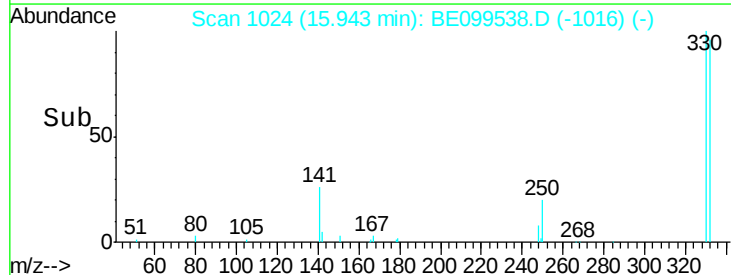
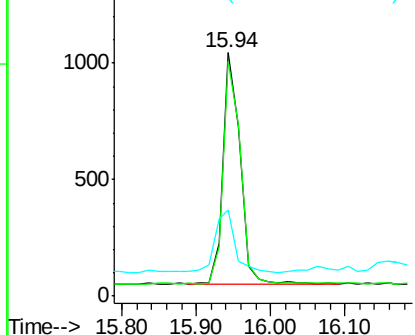


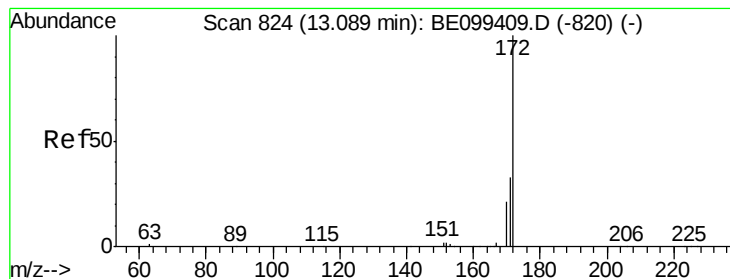
#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Tgt Ion:330 Resp: 1600
Ion Ratio Lower Upper
330 100
332 96.8 71.5 107.3
141 31.3 24.0 36.0



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: 0.262 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

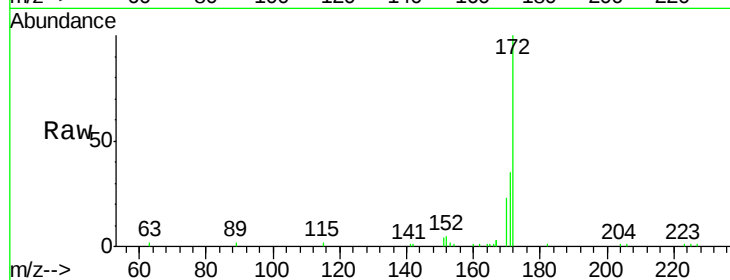
Tot Ion:172 Resp: 7728

Ion Ratio Lower Upper

172 100

171 35.0 26.6 39.8

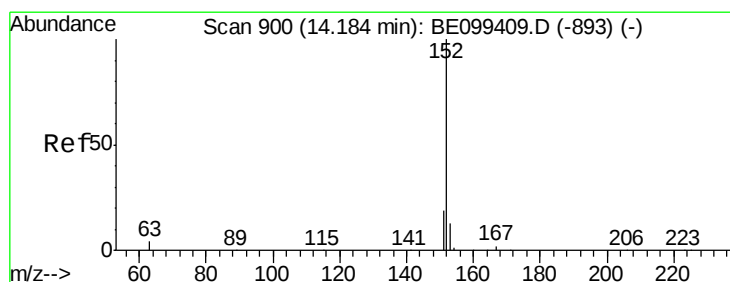
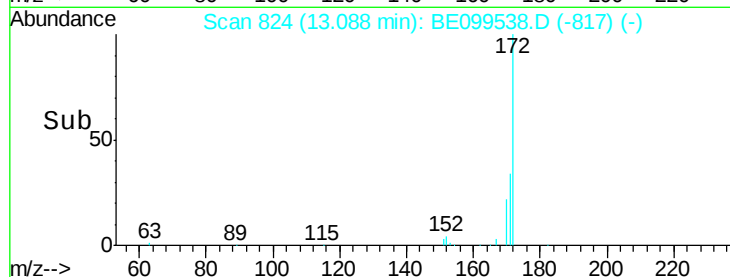
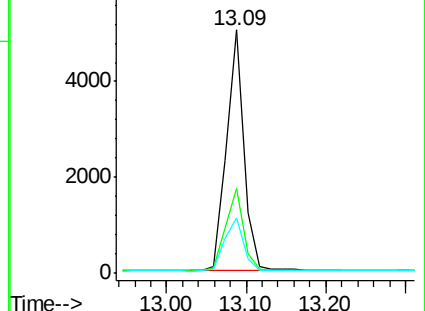
170 22.8 17.0 25.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.043 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

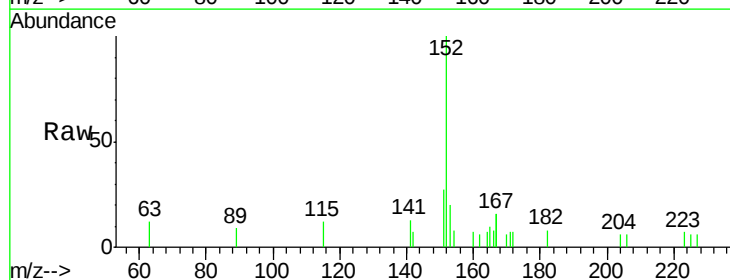
Tgt Ion:152 Resp: 1623

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

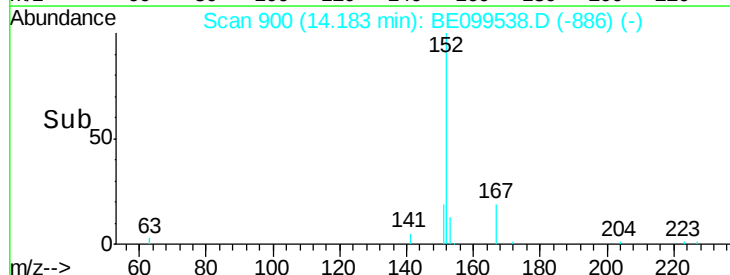
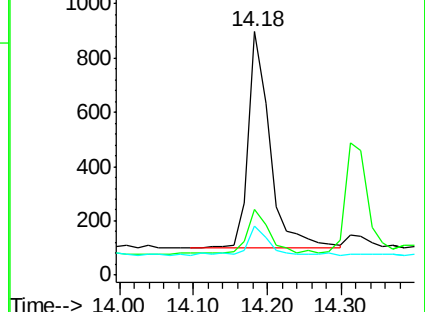
153 16.1 9.8 14.6#

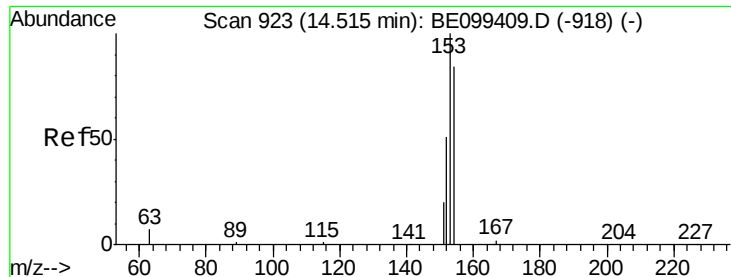


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

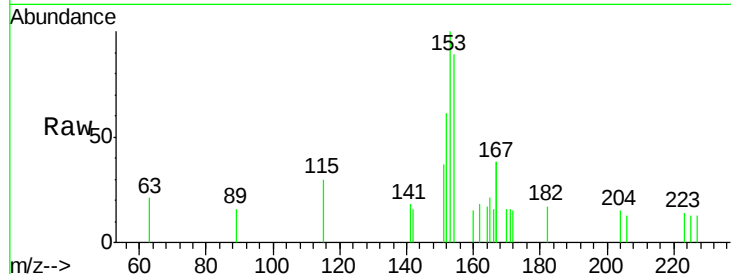




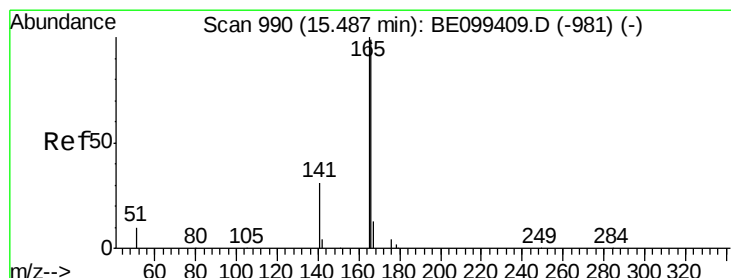
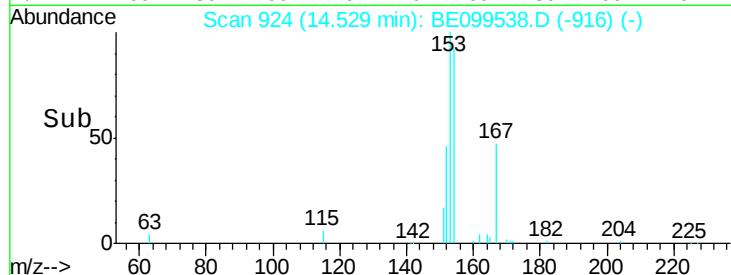
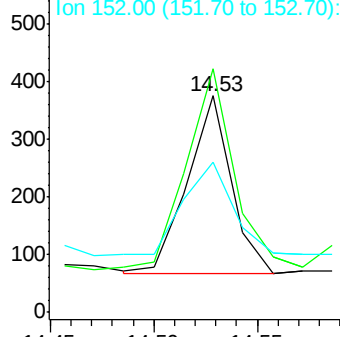
#17
Acenaphthene
Concen: 0.021 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW062-042219

Tot Ion:154 Resp: 455
Ion Ratio Lower Upper
154 100
153 126.4 92.6 138.8
152 59.8 45.8 68.8

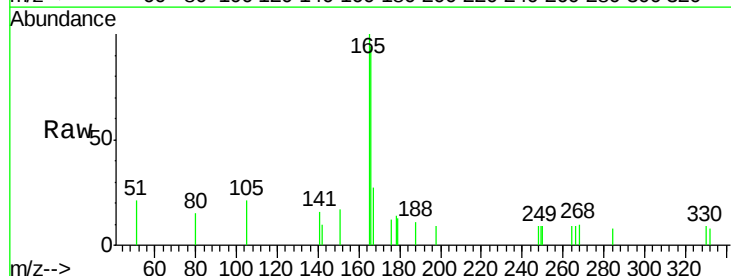


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

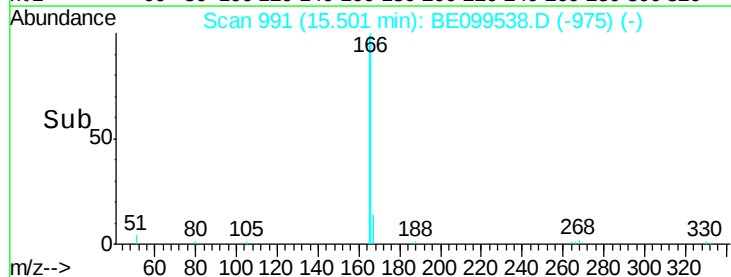
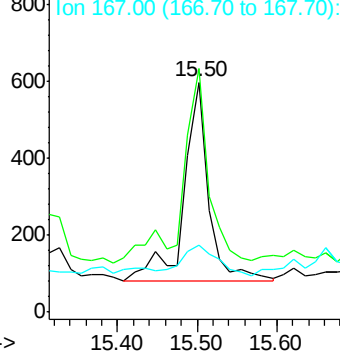


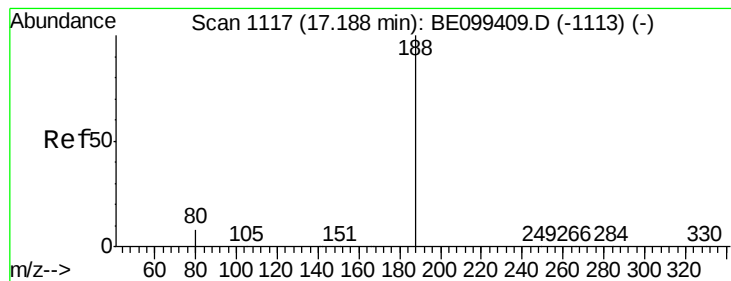
#18
Fluorene
Concen: 0.035 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Tgt Ion:166 Resp: 1118
Ion Ratio Lower Upper
166 100
165 102.0 80.3 120.5
167 21.4 10.7 16.1#



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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

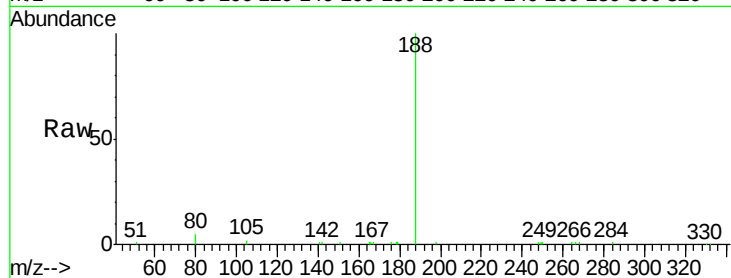
Tot Ion:188 Resp: 21763

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

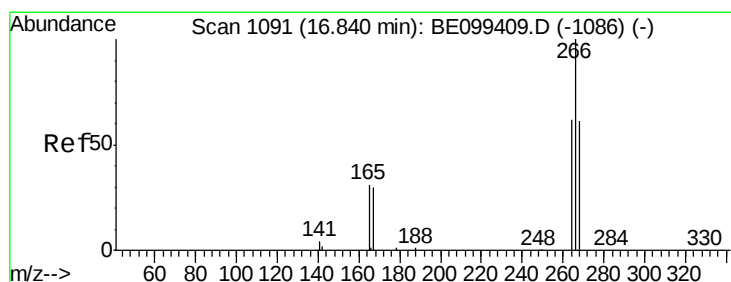
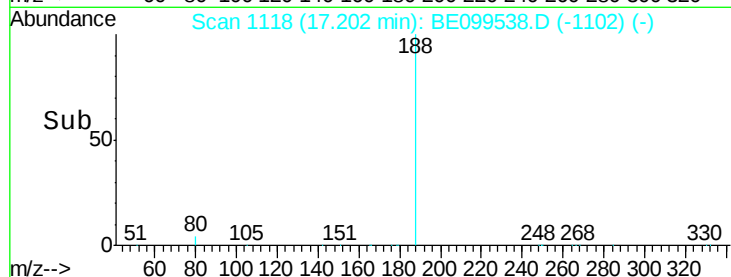
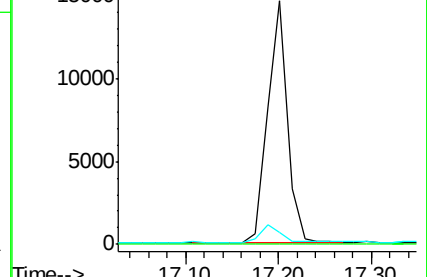
80 5.1 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.239 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

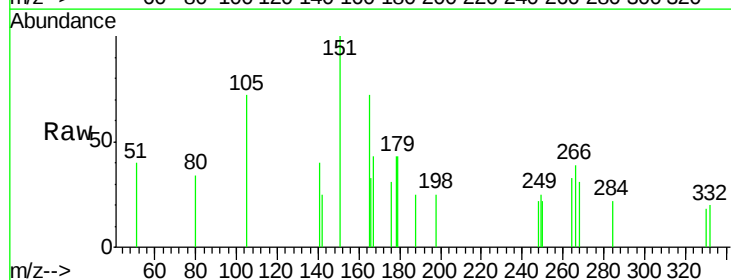
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 85.4 50.8 76.2#

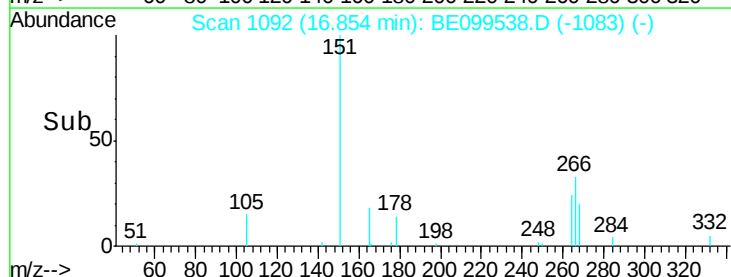
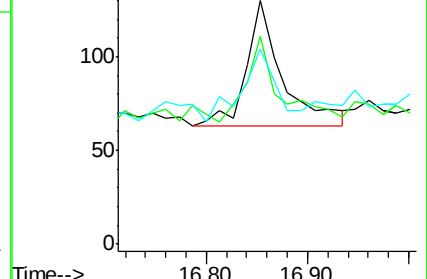
268 80.0 50.5 75.7#

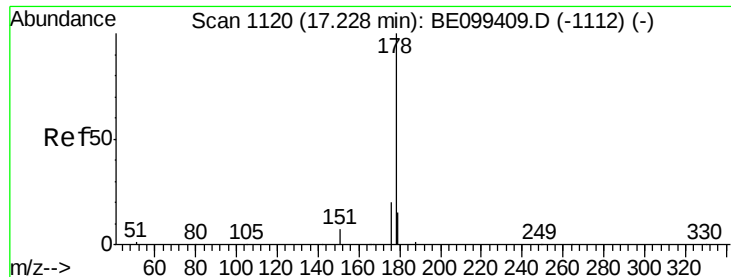


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.833 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

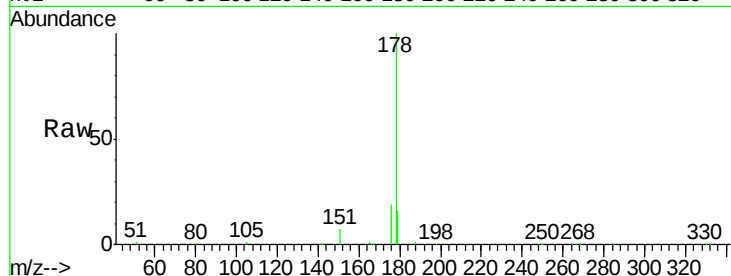
Tot Ion:178 Resp: 46783

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

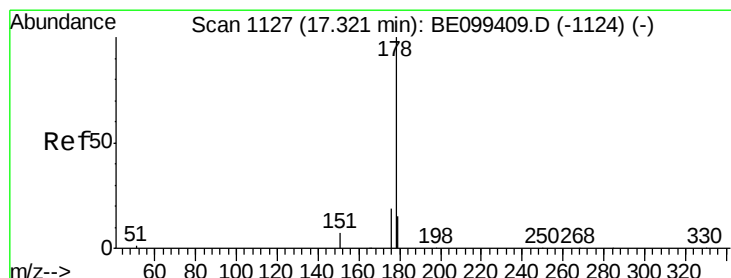
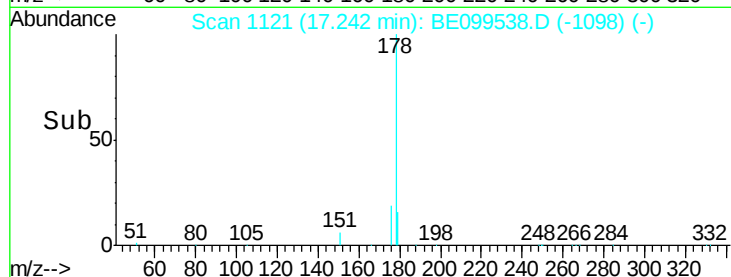
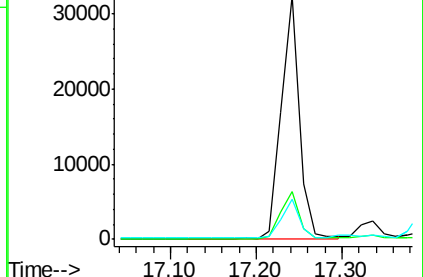
179 15.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.066 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

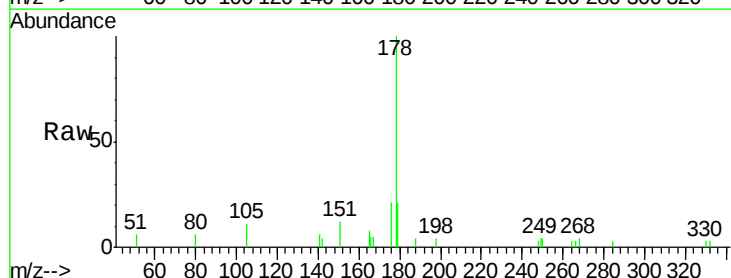
Tgt Ion:178 Resp: 3538

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

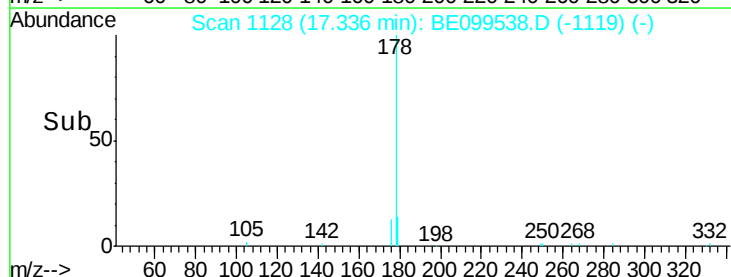
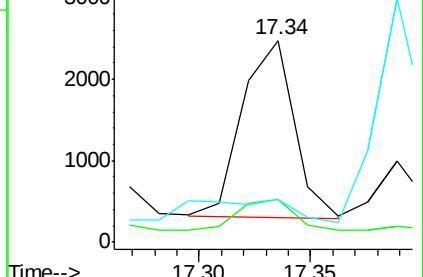
179 24.2 11.9 17.9#

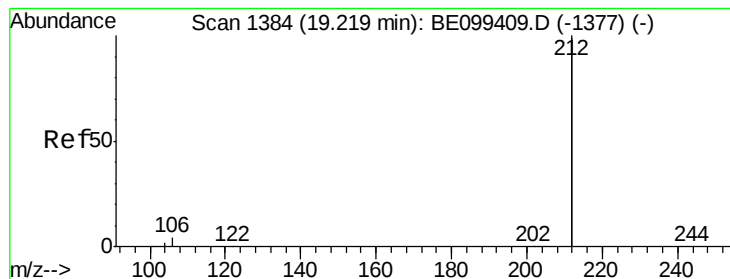


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.241 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

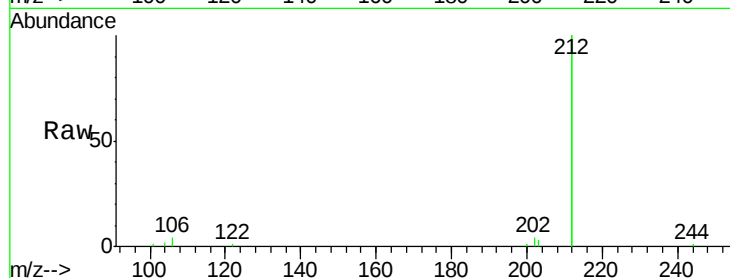
Tot Ion:212 Resp: 70749

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

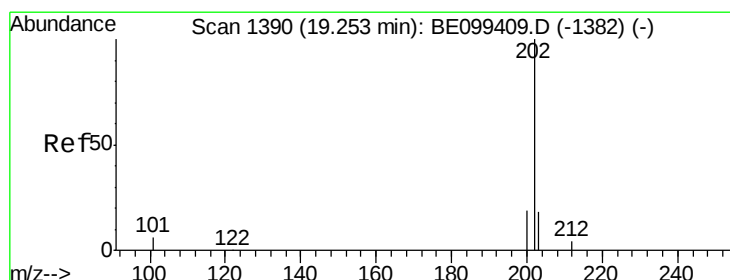
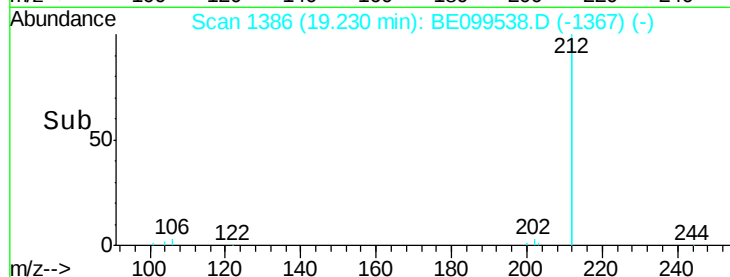
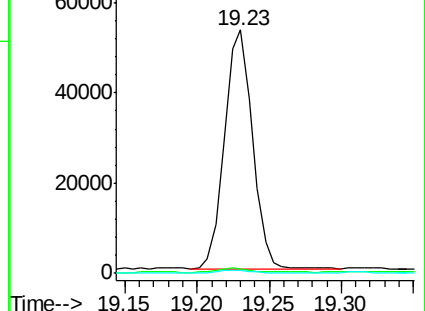
104 1.2 0.9 1.3



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: 2.795 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

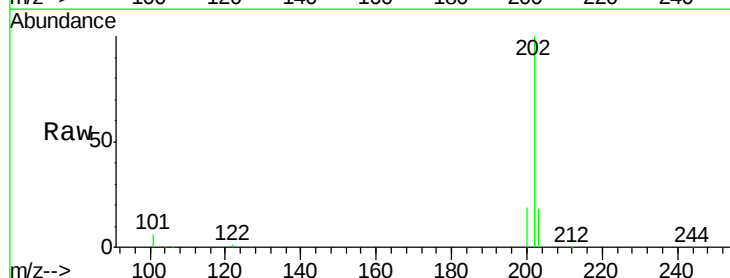
Tgt Ion:202 Resp: 235076

Ion Ratio Lower Upper

202 100

101 6.1 5.4 8.0

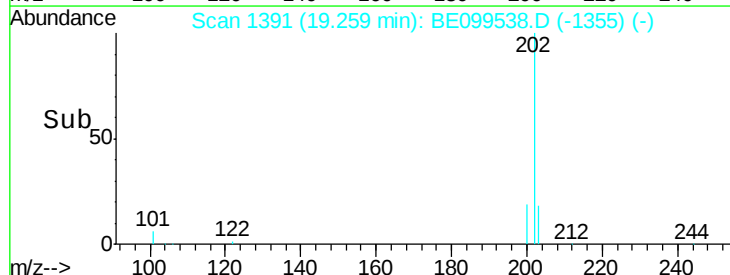
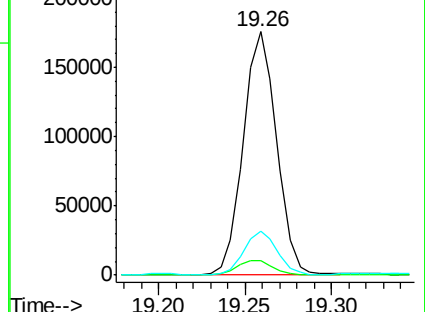
203 17.5 13.9 20.9

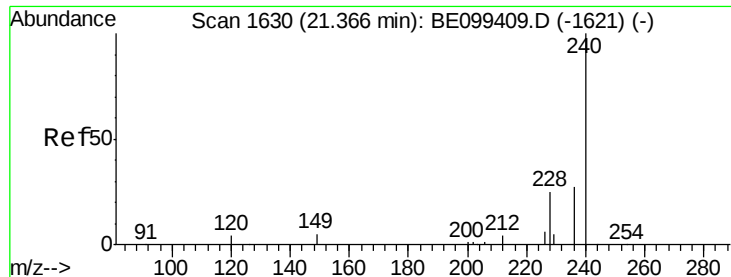


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

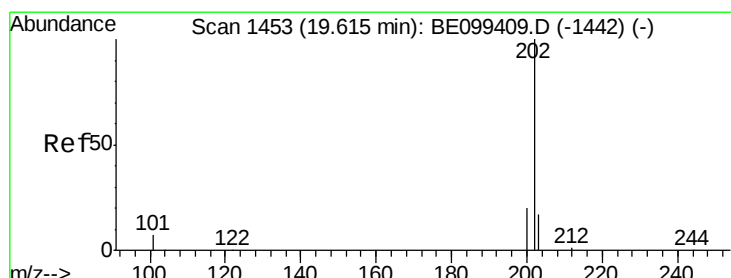
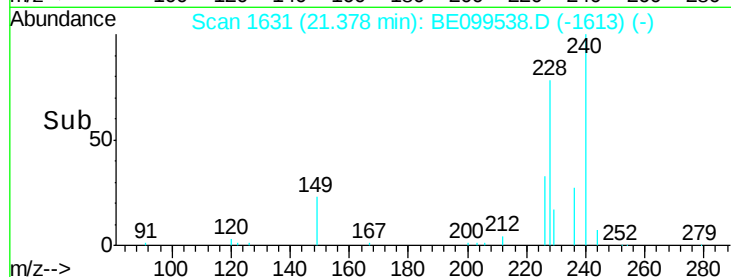
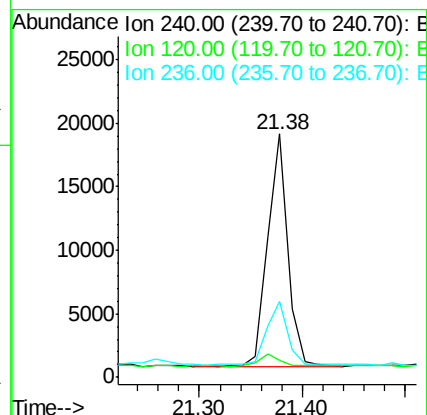
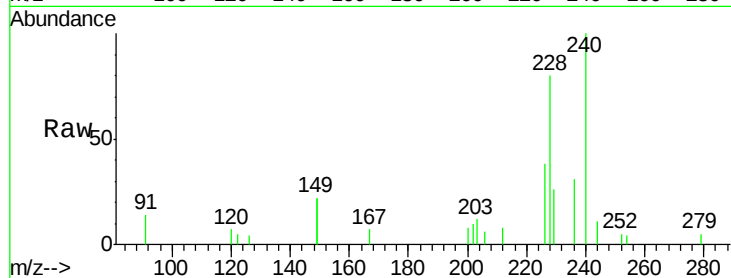




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

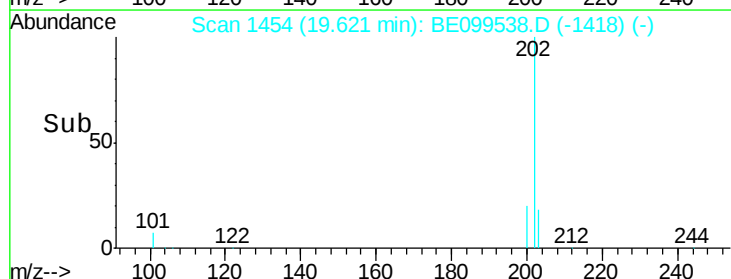
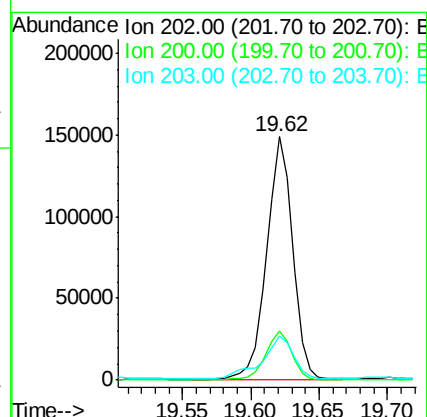
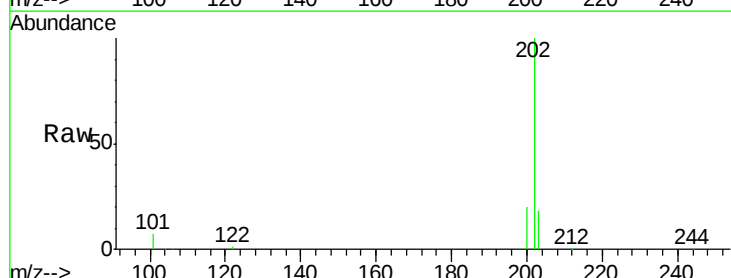
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW062-042219

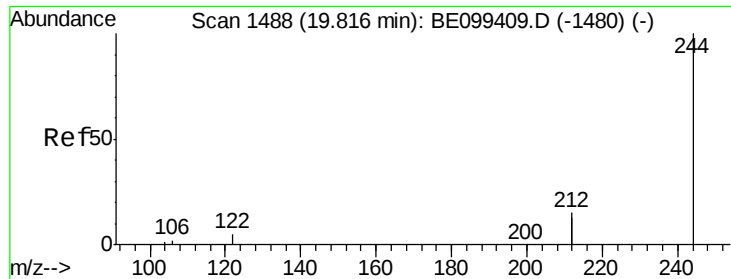
Tot Ion:240 Resp: 25096
Ion Ratio Lower Upper
240 100
120 7.0 4.0 6.0#
236 31.1 22.0 33.0



#28
Pyrene
Concen: 2.995 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE099538.D
Acq: 3 May 2019 20:06

Tgt Ion:202 Resp: 195947
Ion Ratio Lower Upper
202 100
200 20.1 15.7 23.5
203 21.6 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.343 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

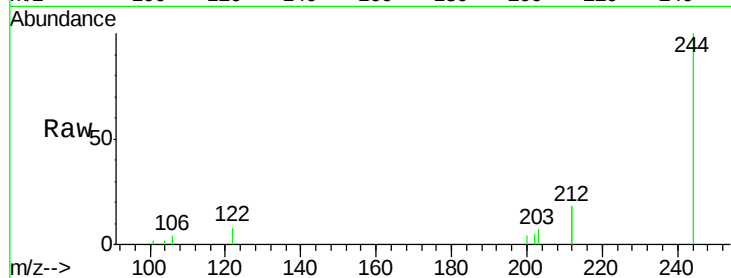
Tot Ion:244 Resp: 15743

Ion Ratio Lower Upper

244 100

212 36.6 23.2 34.8#

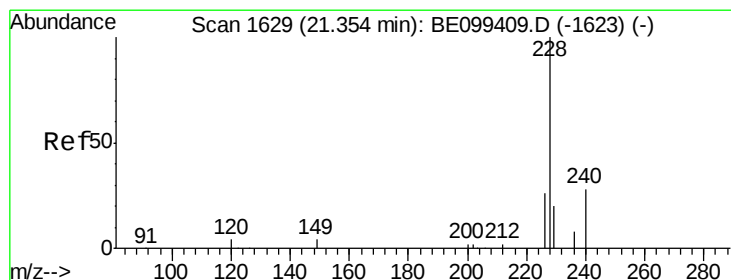
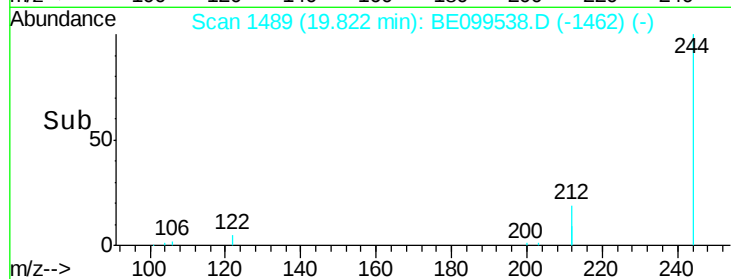
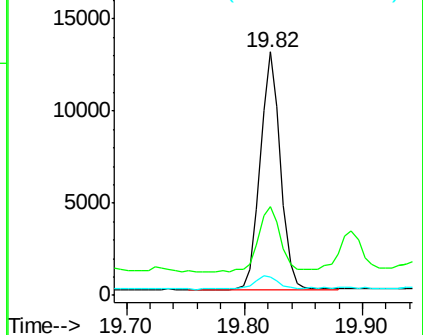
122 7.6 4.2 6.4#



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: 1.280 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

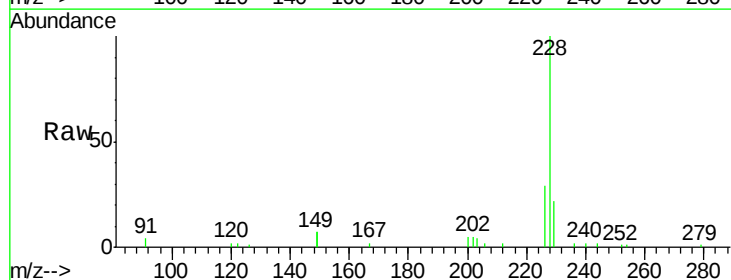
Tgt Ion:228 Resp: 102339

Ion Ratio Lower Upper

228 100

226 29.5 21.0 31.6

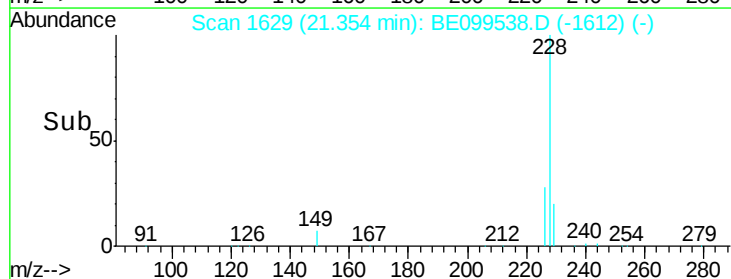
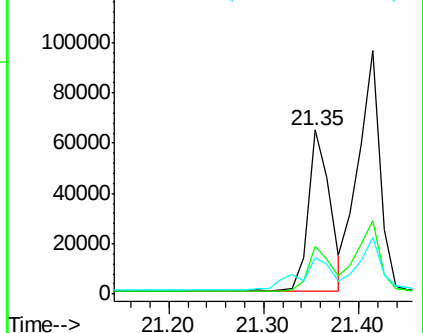
229 22.2 16.6 25.0

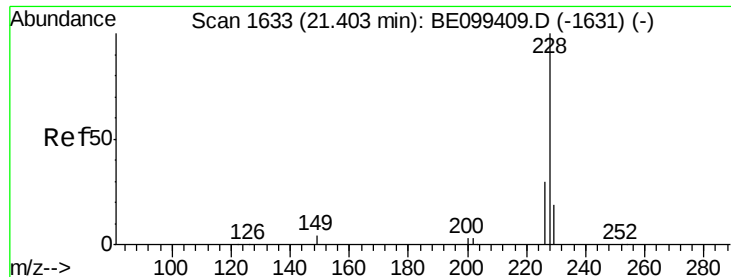


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.965 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

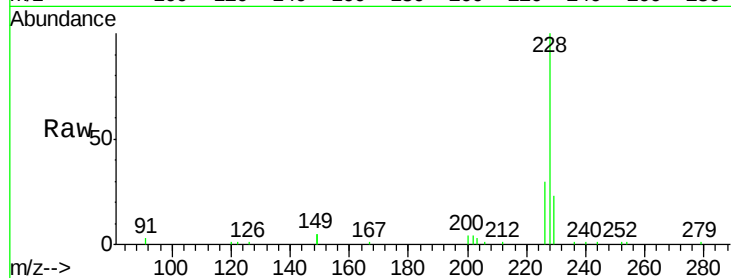
Tot Ion:228 Resp: 153720

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

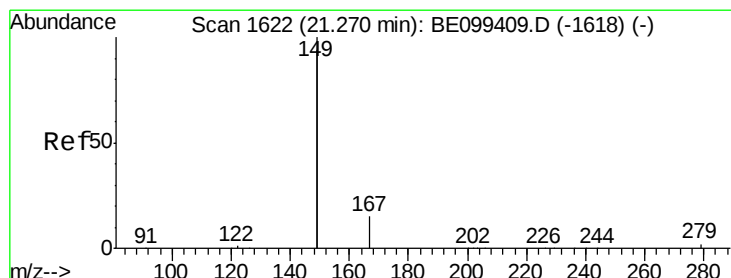
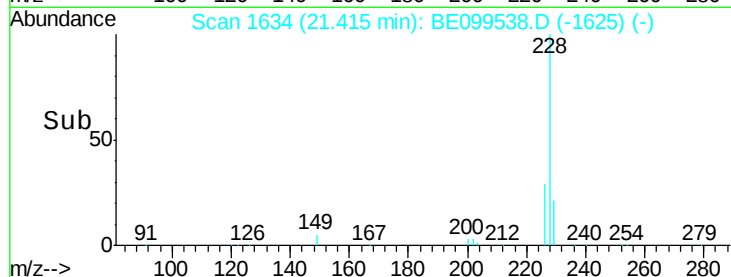
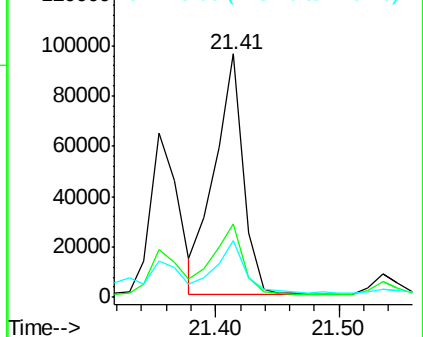
229 23.2 15.8 23.8



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: 1.624 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

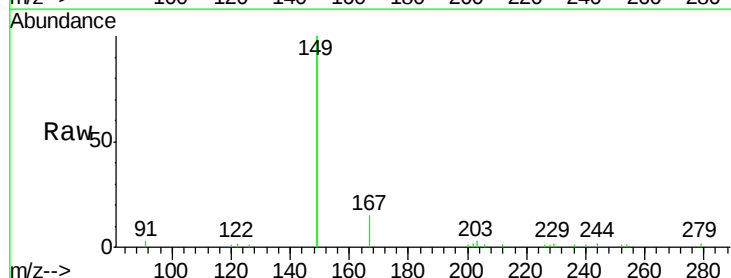
Tgt Ion:149 Resp: 191221

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

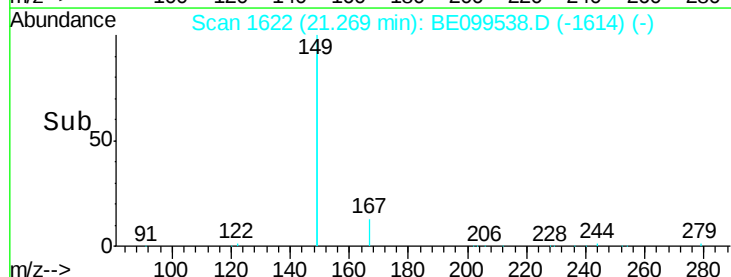
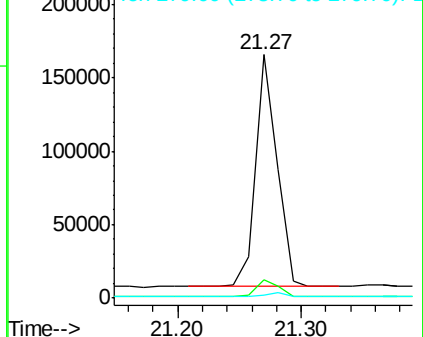
279 1.5 1.0 1.6

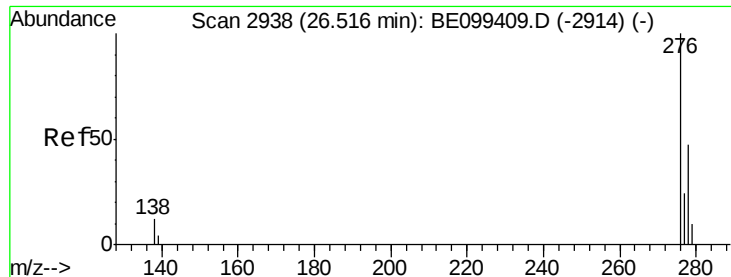


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.016 ng

RT: 26.55 min Scan# 2946

Delta R.T. 0.03 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

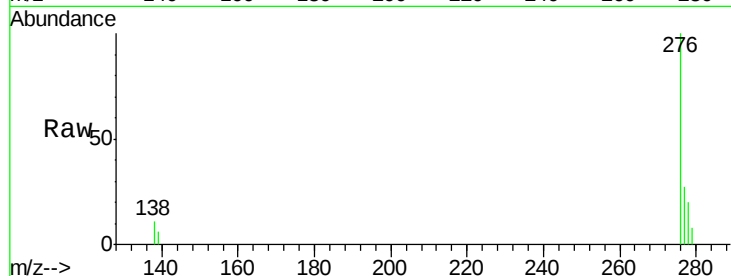
Tot Ion:276 Resp: 93919

Ion Ratio Lower Upper

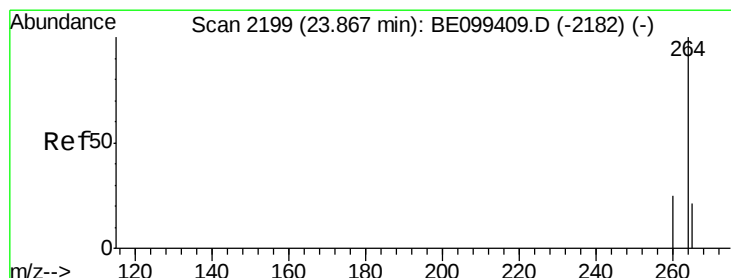
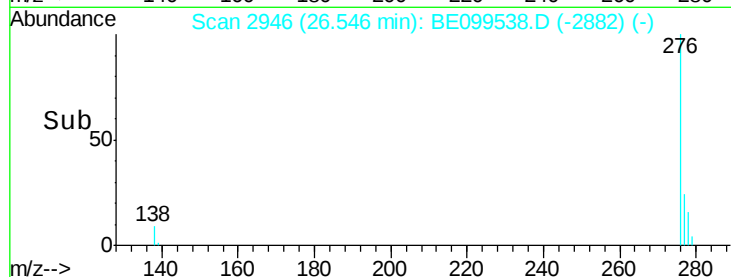
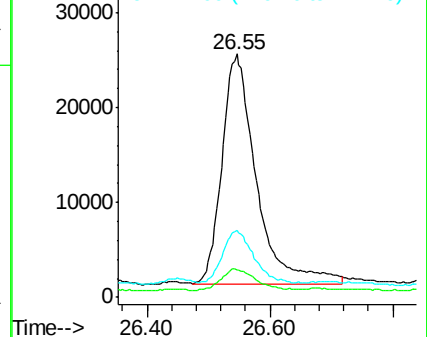
276 100

138 8.9 10.2 15.2#

277 20.6 19.2 28.8



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# 2205

Delta R.T. 0.02 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

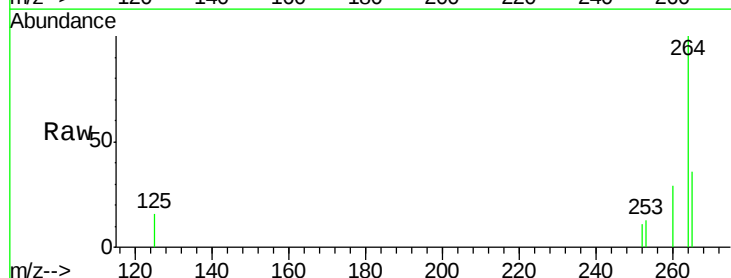
Tgt Ion:264 Resp: 29928

Ion Ratio Lower Upper

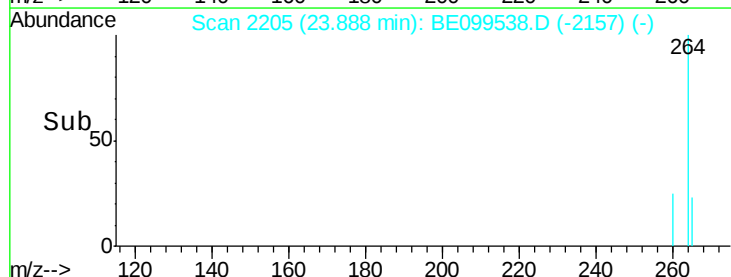
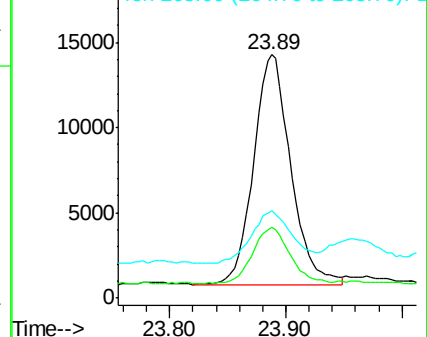
264 100

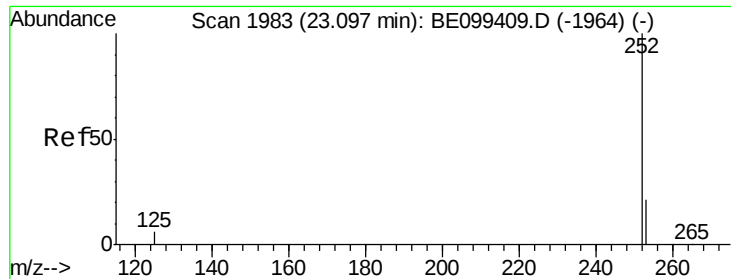
260 29.3 20.2 30.2

265 35.7 21.3 31.9#



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: 2.514 ng

RT: 23.11 min Scan# 1988

Delta R.T. 0.02 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

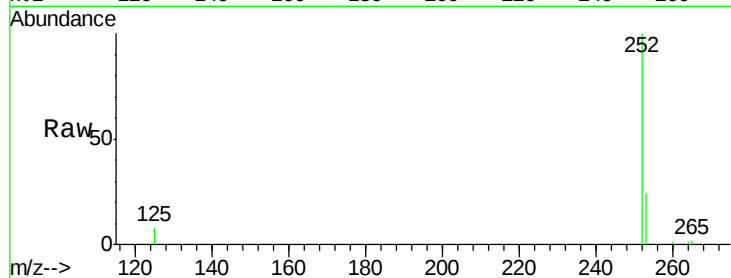
Tot Ion:252 Resp: 216943

Ion Ratio Lower Upper

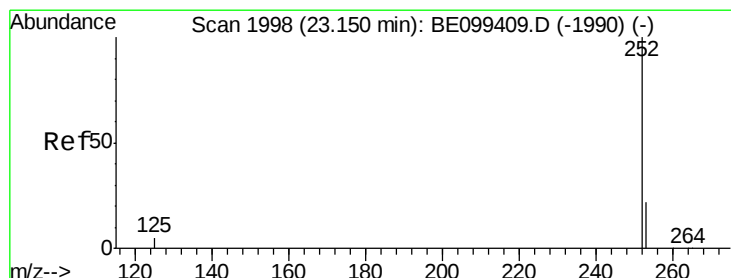
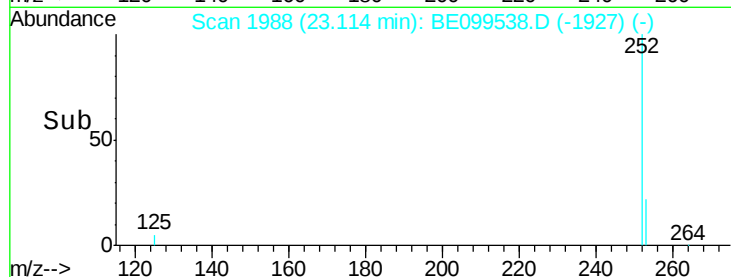
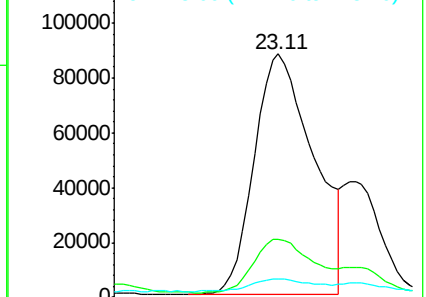
252 100

253 24.0 18.1 27.1

125 7.6 5.6 8.4



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: 2.607 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

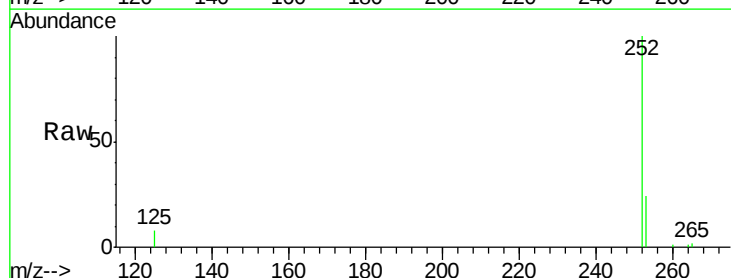
Tgt Ion:252 Resp: 216943

Ion Ratio Lower Upper

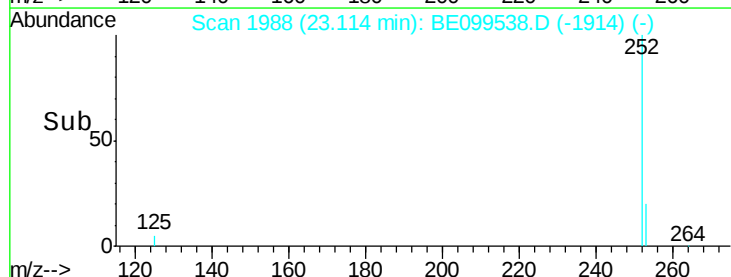
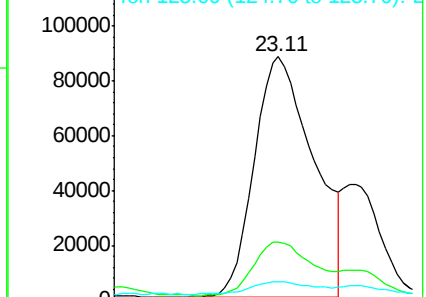
252 100

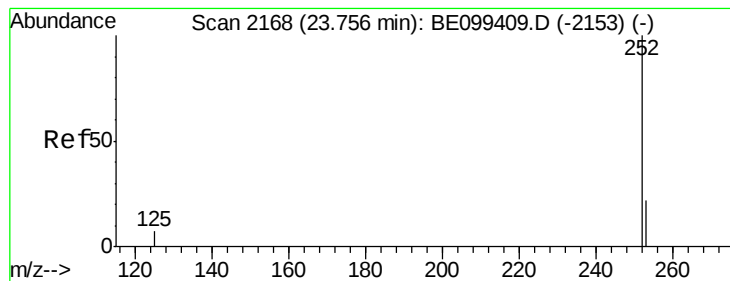
253 24.0 18.4 27.6

125 7.6 5.0 7.4#



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: 1.426 ng

RT: 23.77 min Scan# 2173

Delta R.T. 0.02 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

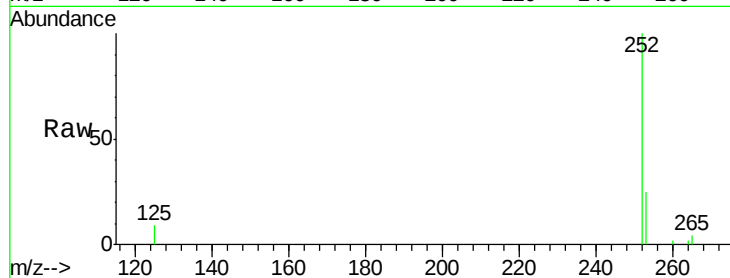
Tot Ion:252 Resp: 116341

Ion Ratio Lower Upper

252 100

253 25.1 18.9 28.3

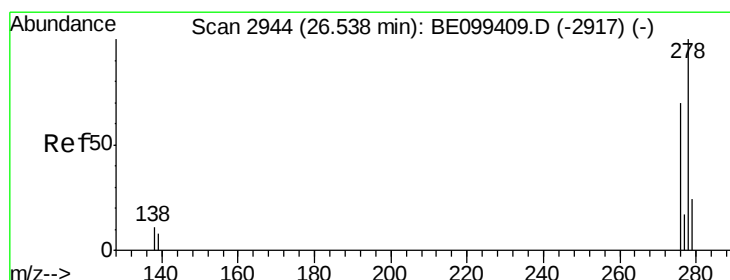
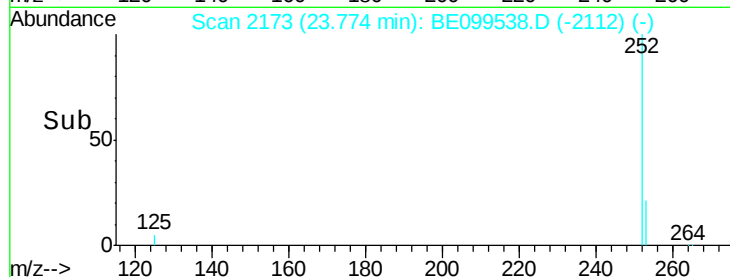
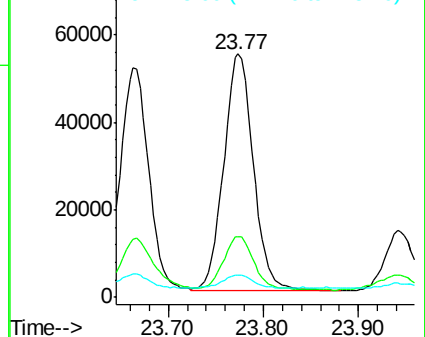
125 9.3 6.7 10.1



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



#38

Dibenzo(a,h)anthracene

Concen: 0.224 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.03 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

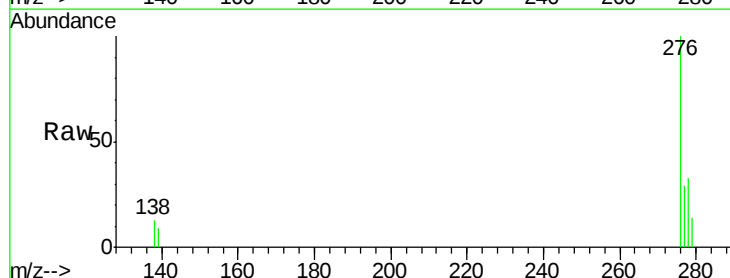
Tgt Ion:278 Resp: 18698

Ion Ratio Lower Upper

278 100

139 25.5 7.7 11.5#

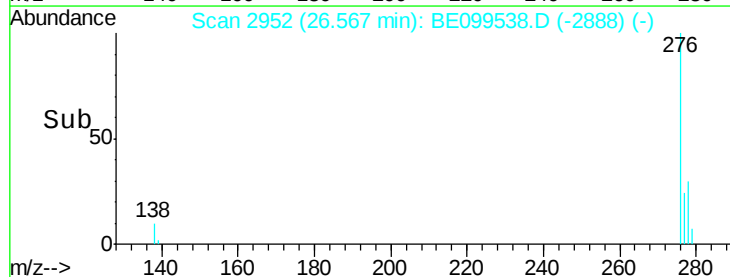
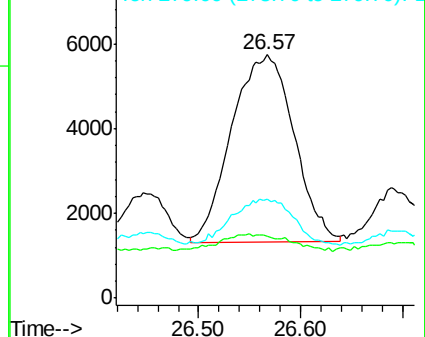
279 40.6 20.2 30.2#

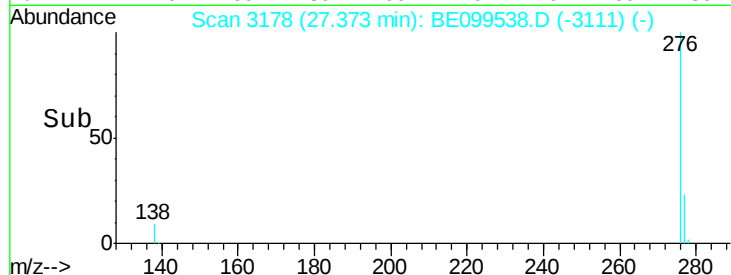
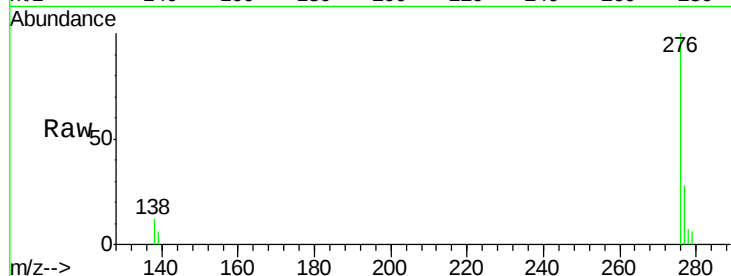
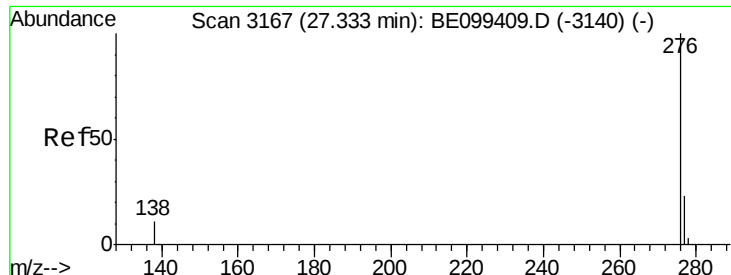


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.066 ng

RT: 27.37 min Scan# 3178

Delta R.T. 0.04 min

Lab File: BE099538.D

Acq: 3 May 2019 20:06

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW062-042219

Tot Ion:276 Resp: 89100

Ion Ratio Lower Upper

276 100

277 28.0 19.5 29.3

138 12.5 9.6 14.4

