

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099532.D
 Acq On : 3 May 2019 16:31
 Operator : JU/SJ
 Sample : K2587-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW069-042319

Quant Time: May 03 23:36:27 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	7.81	152	2000	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7674	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6536	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20898	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25101	0.40	ng	0.00
34) Perylene-d12	23.87	264	29754	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1690	0.31	ng	0.00
5) Phenol-d6	6.98	99	2405	0.33	ng	0.00
8) Nitrobenzene-d5	8.96	82	2028	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3723	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1317	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5643	0.23	ng	0.00
25) Fluoranthene-d10	19.22	212	63555	0.23	ng	0.00
29) Terphenyl-d14	19.82	244	13728	0.30	ng	0.00

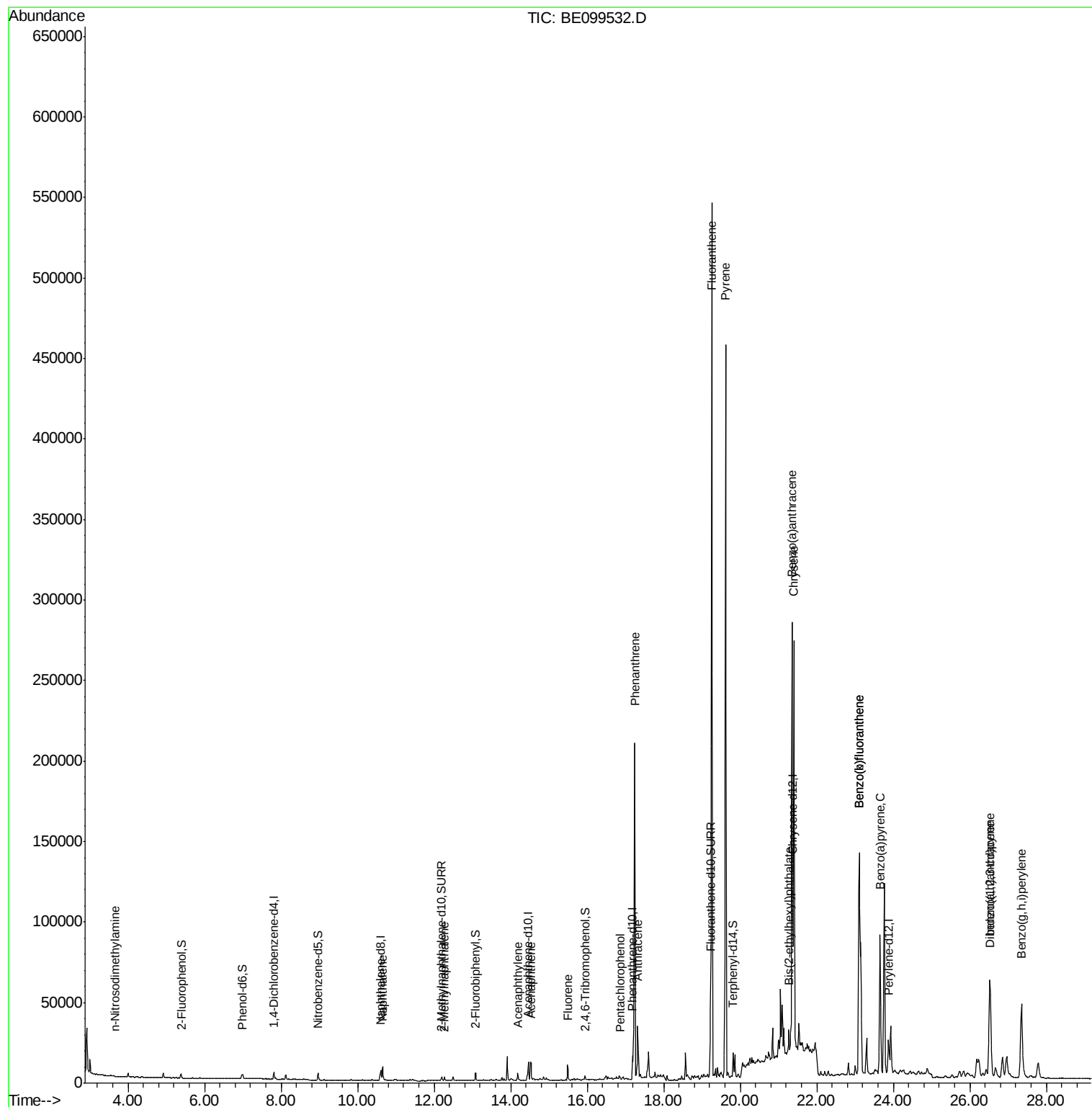
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.67	42	53	0.032	ng	# 1
9) Naphthalene	10.65	128	14072	0.168	ng	99
12) 2-Methylnaphthalene	12.27	142	1616	0.111	ng	# 93
16) Acenaphthylene	14.18	152	6383	0.200	ng	# 96
17) Acenaphthene	14.53	154	7046	0.386	ng	99
18) Fluorene	15.49	166	7770	0.288	ng	# 97
22) Pentachlorophenol	16.85	266	38	0.221	ng	# 59
23) Phenanthrene	17.24	178	263638	4.889	ng	99
24) Anthracene	17.32	178	36708	0.714	ng	# 90
26) Fluoranthene	19.25	202	497024	6.153	ng	99
28) Pyrene	19.61	202	440206	6.728	ng	# 95
30) Benzo(a)anthracene	21.35	228	252850	3.162	ng	98
31) Chrysene	21.40	228	239673	3.062	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	14319	0.055	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.52	276	130437	1.410	ng	# 97
35) Benzo(b)fluoranthene	23.11	252	281559	3.282	ng	98
36) Benzo(k)fluoranthene	23.11	252	281559	3.403	ng	99
37) Benzo(a)pyrene	23.66	252	136322	1.681	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	33113	0.399	ng	# 89
39) Benzo(g,h,i)perylene	27.35	276	125606	1.511	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

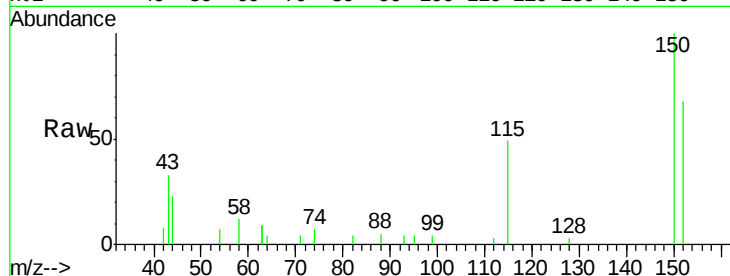
Tot Ion:152 Resp: 2000

Ion Ratio Lower Upper

152 100

150 147.3 104.8 157.2

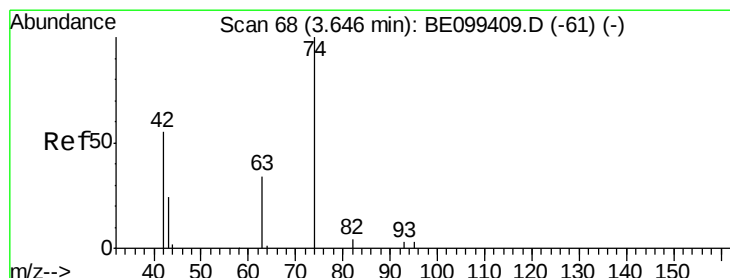
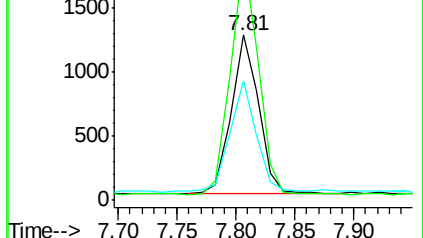
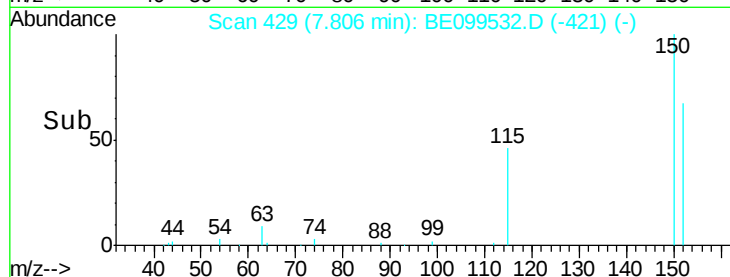
115 72.2 46.6 69.8#



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: 0.032 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

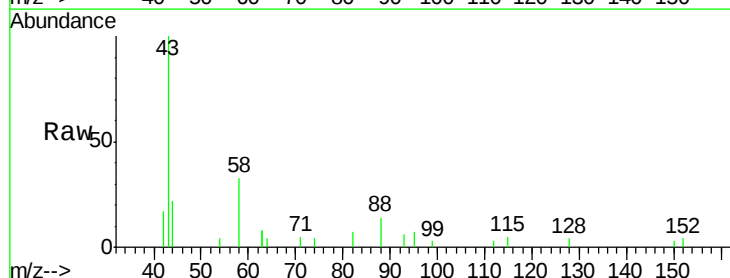
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 0.0 141.6 212.4#

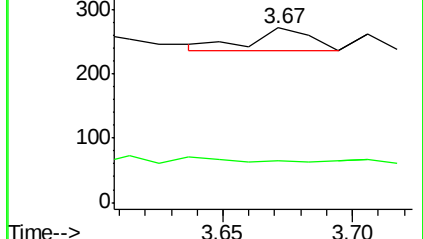
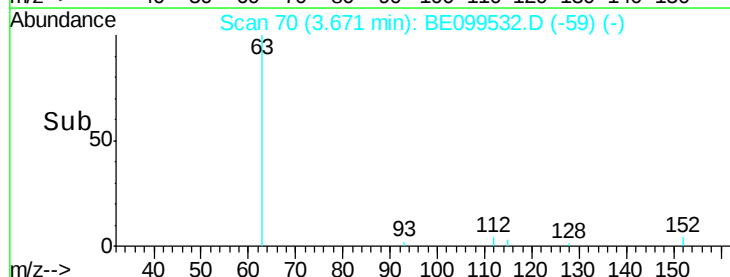
44 0.0 0.0 0.0

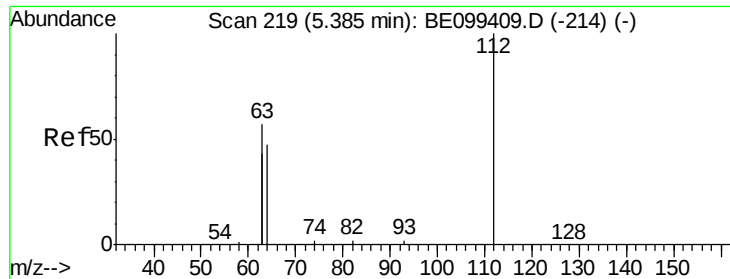


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.306 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

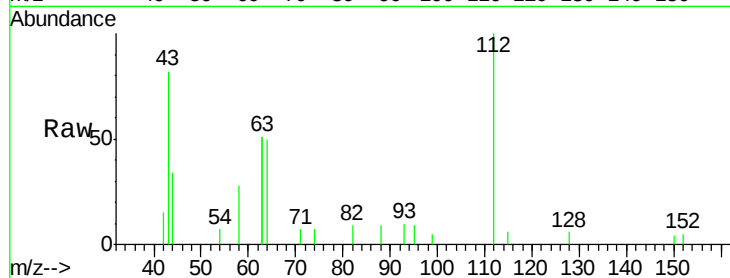
Tot Ion:112 Resp: 1690

Ion Ratio Lower Upper

112 100

64 56.3 47.4 71.0

63 124.7 104.3 156.5

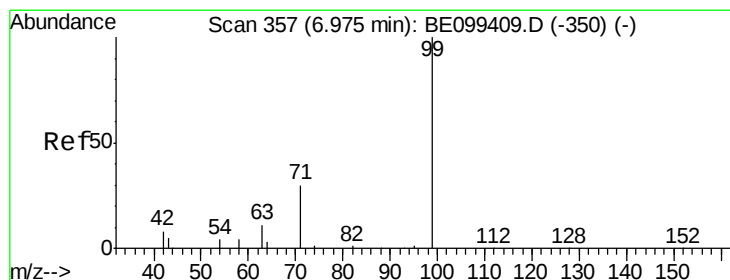
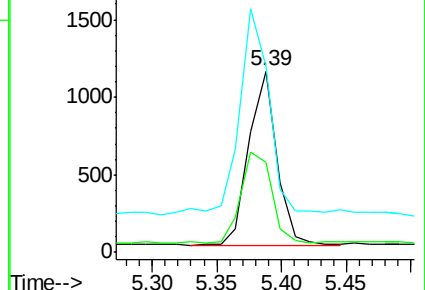
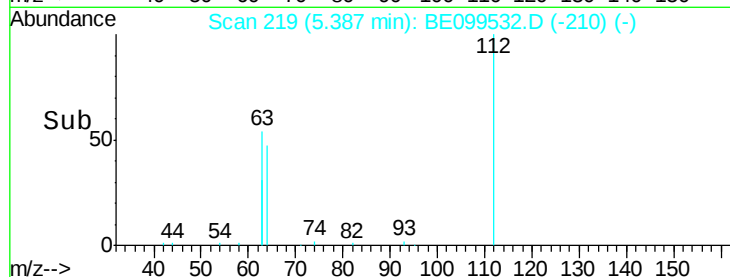


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.327 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

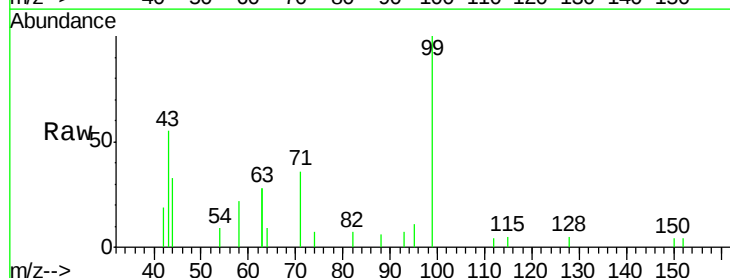
Tgt Ion: 99 Resp: 2405

Ion Ratio Lower Upper

99 100

42 19.6 14.9 22.3

71 43.4 33.0 49.6

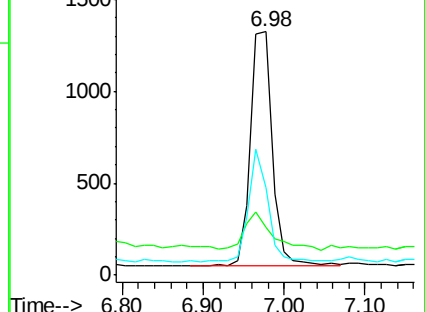
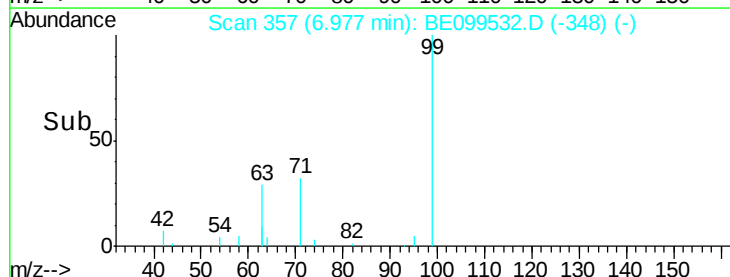


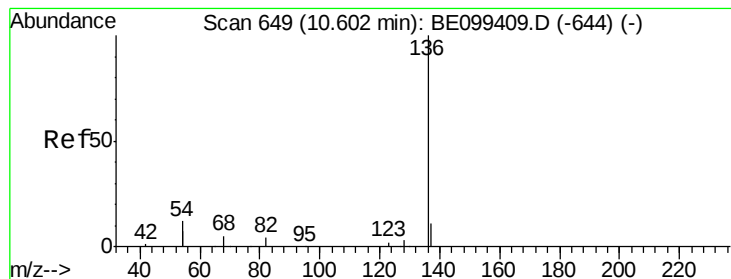
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

Tot Ion:136 Resp: 7674

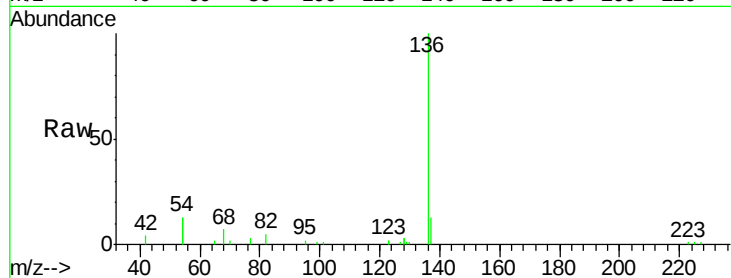
Ion Ratio Lower Upper

136 100

137 12.6 9.8 14.8

54 25.1 18.5 27.7

68 6.7 4.7 7.1

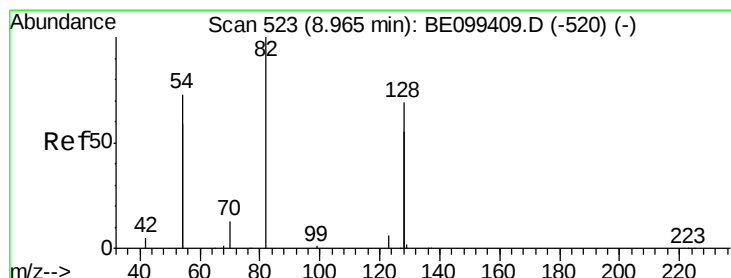
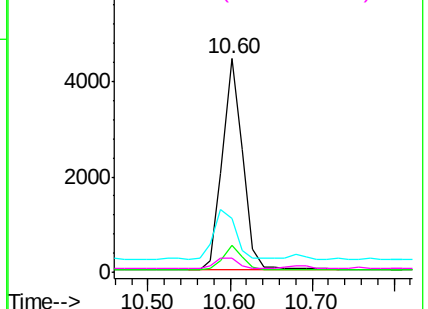
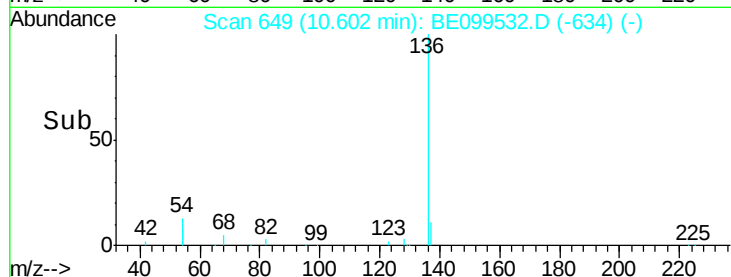


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

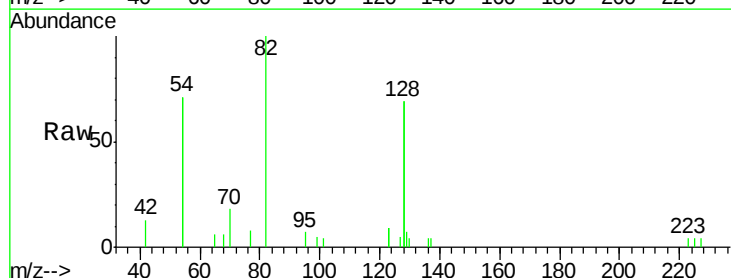
Tgt Ion: 82 Resp: 2028

Ion Ratio Lower Upper

82 100

128 137.3 107.0 160.4

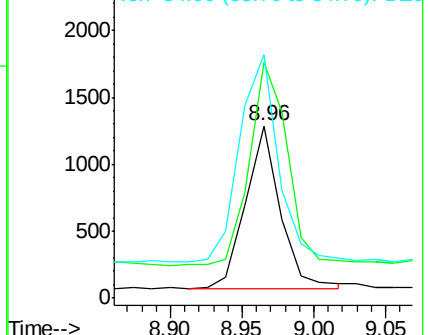
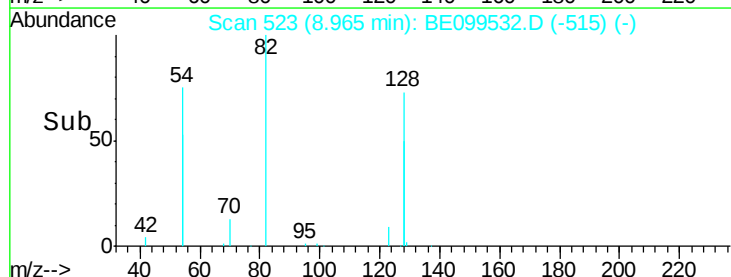
54 141.3 113.1 169.7

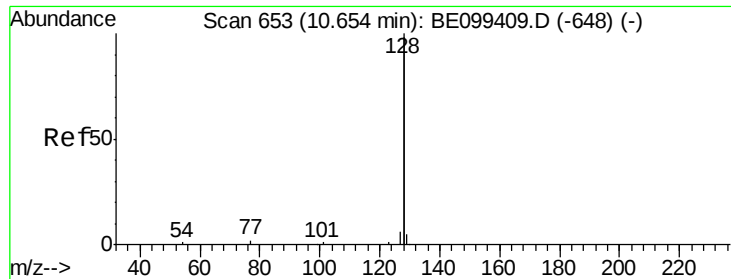


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

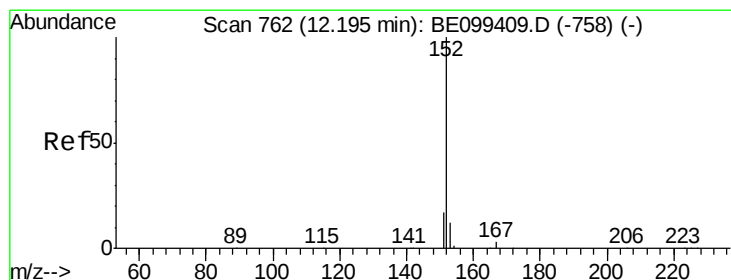
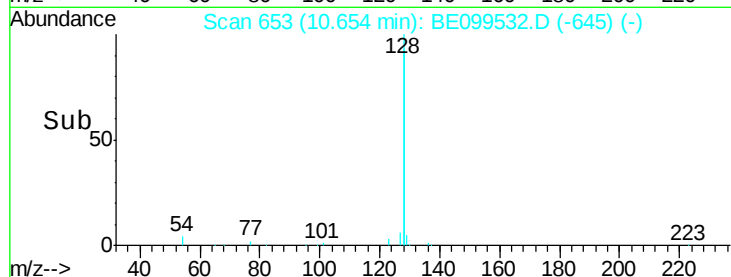
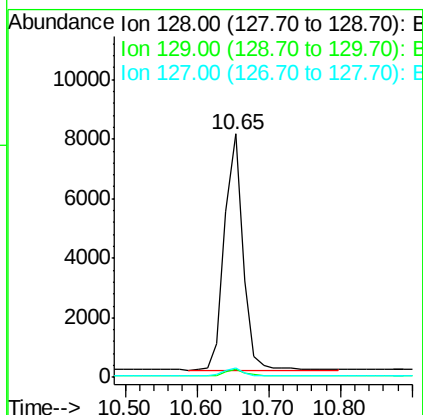
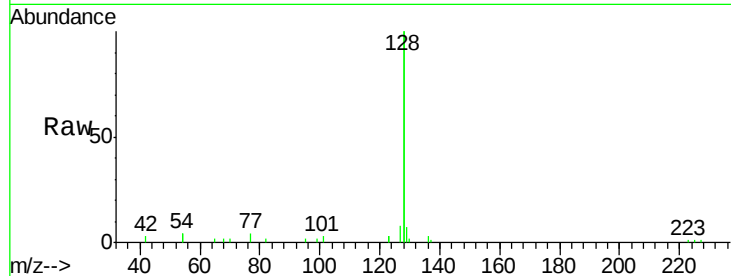




#9
Naphthalene
Concen: 0.168 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

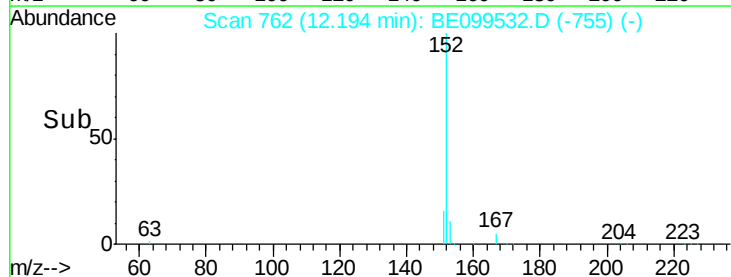
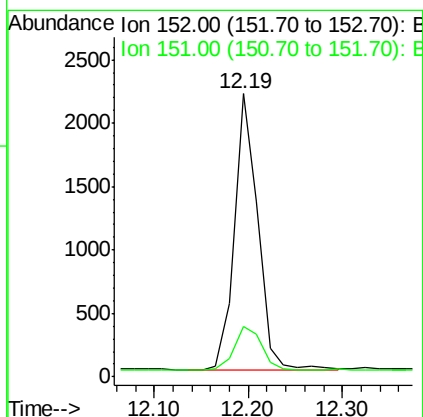
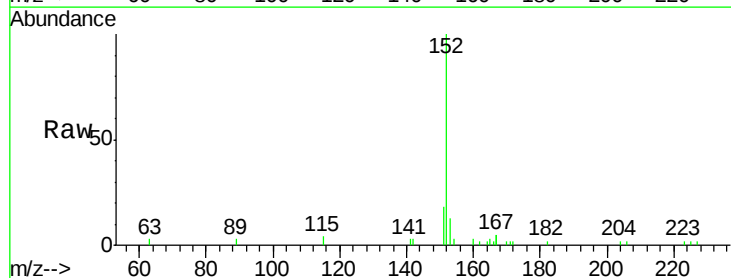
Instrument :
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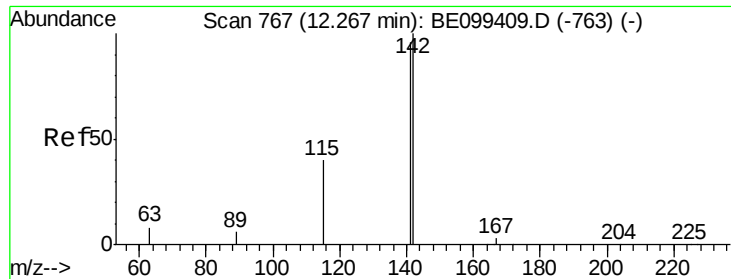
Tot Ion:128 Resp: 14072
Ion Ratio Lower Upper
128 100
129 3.3 2.4 3.6
127 3.8 2.8 4.2



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

Tgt Ion:152 Resp: 3723
Ion Ratio Lower Upper
152 100
151 18.9 15.5 23.3

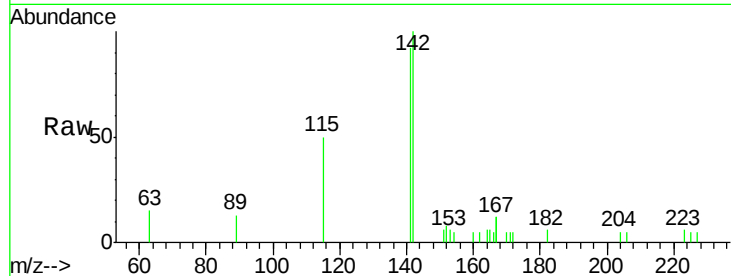




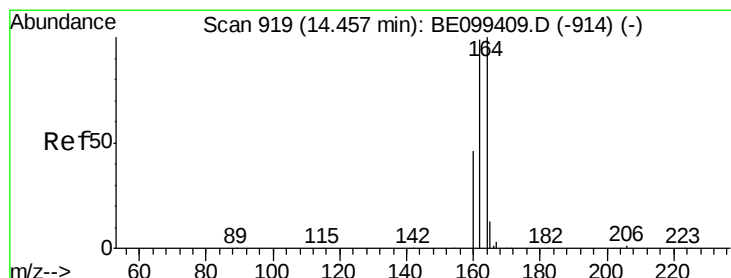
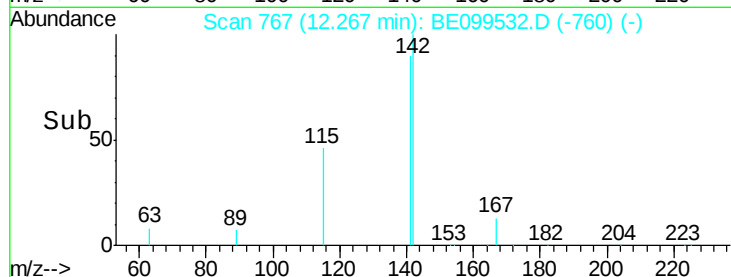
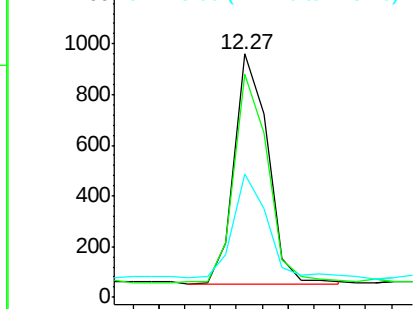
#12
2-Methylnaphthalene
Concen: 0.111 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

Instrument :
BNA_E
ClientSampleId :
EXT-004-SW069-042319

Tot Ion:142 Resp: 1616
Ion Ratio Lower Upper
142 100
141 91.7 77.0 115.4
115 50.5 33.4 50.0#

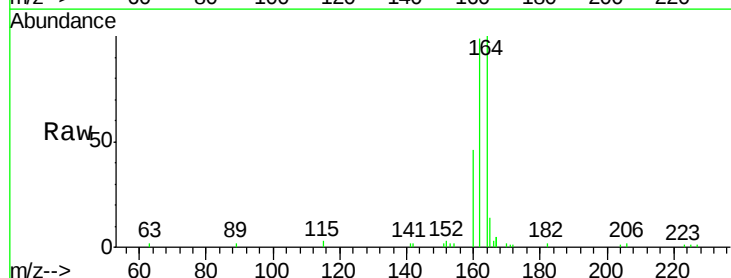


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

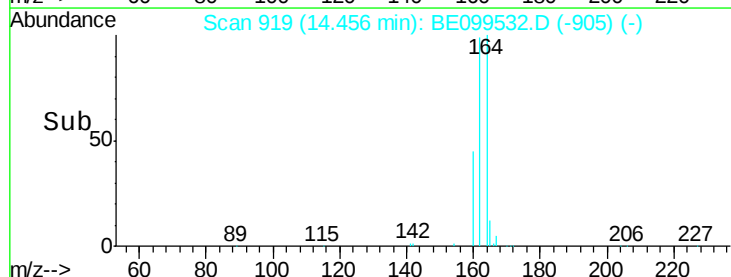
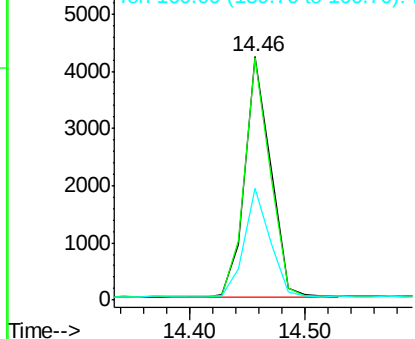


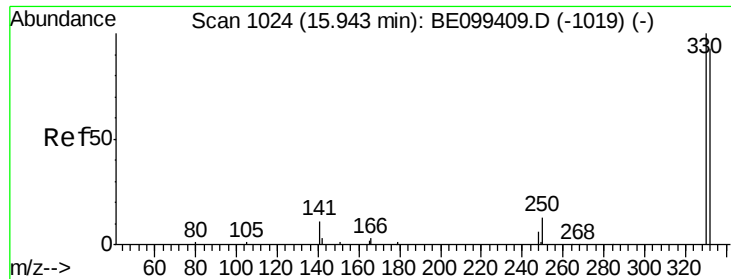
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

Tgt Ion:164 Resp: 6536
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.4
160 45.9 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

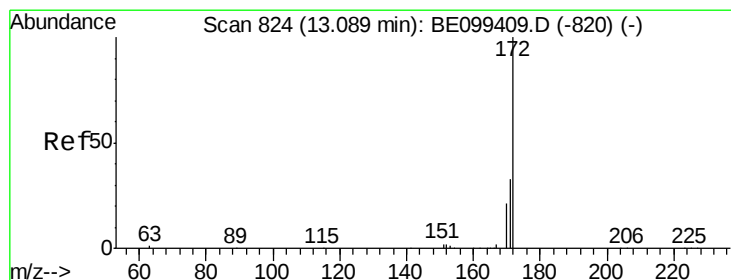
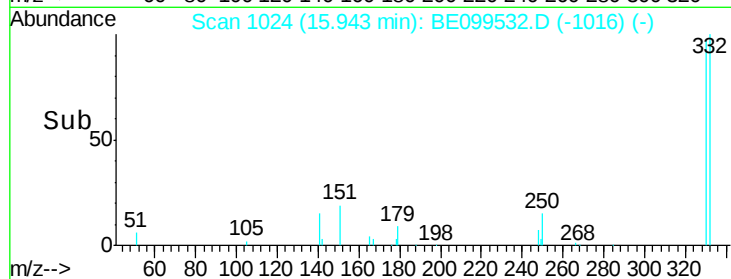
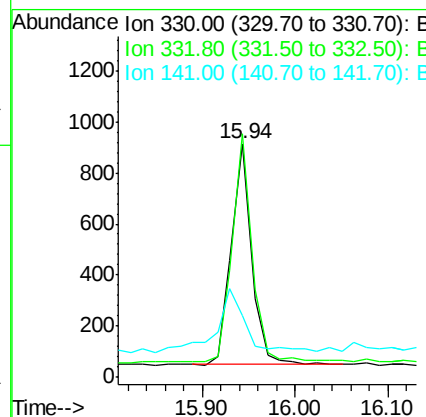
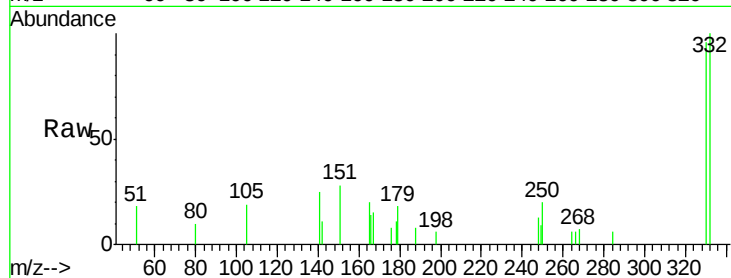




#14
 2,4,6-Tribromophenol
 Concen: 0.320 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099532.D
 Acq: 3 May 2019 16:31

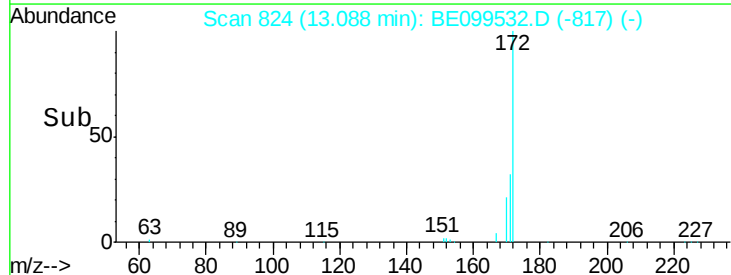
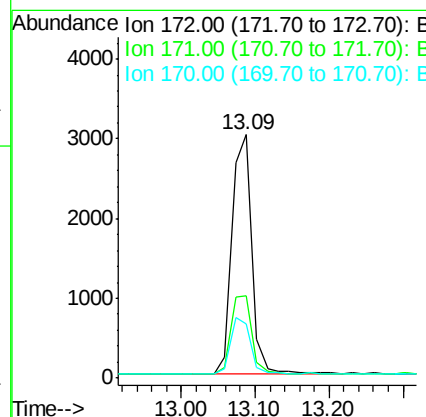
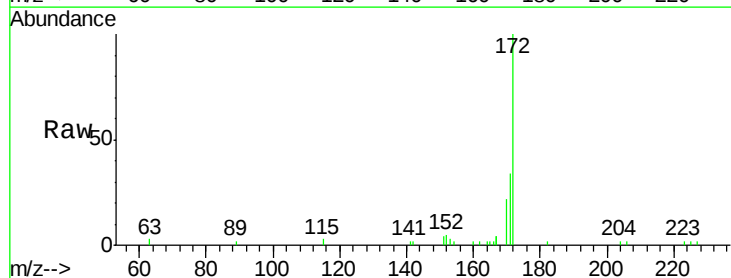
Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW069-042319

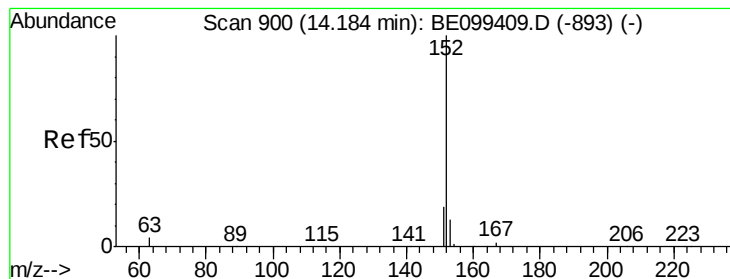
Tot Ion:330 Resp: 1317
 Ion Ratio Lower Upper
 330 100
 332 99.4 71.5 107.3
 141 37.2 24.0 36.0#



#15
 2-Fluorobiphenyl
 Concen: 0.226 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099532.D
 Acq: 3 May 2019 16:31

Tgt Ion:172 Resp: 5643
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 39.8
 170 22.1 17.0 25.6





#16

Acenaphthylene

Concen: 0.200 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

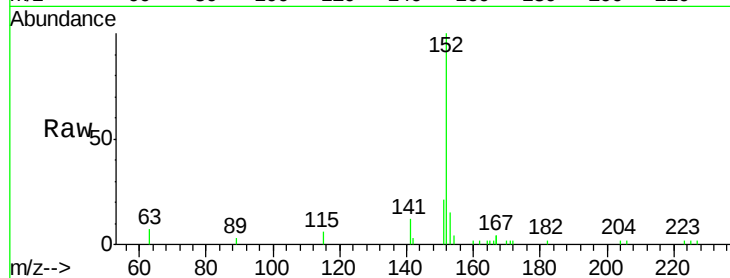
Tot Ion:152 Resp: 6383

Ion Ratio Lower Upper

152 100

151 20.3 15.4 23.2

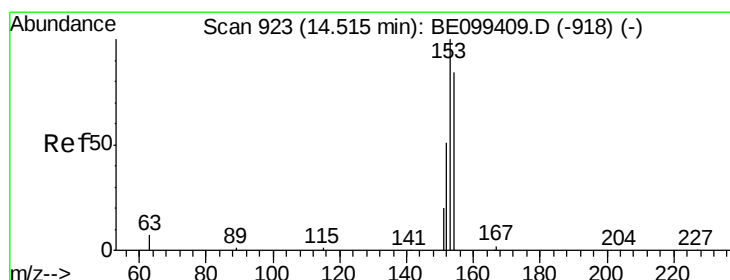
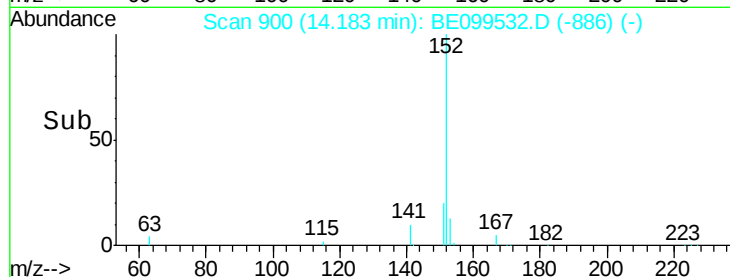
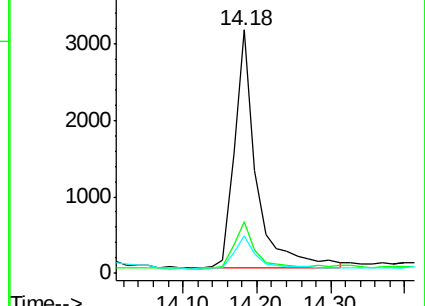
153 14.6 9.8 14.6#



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: 0.386 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

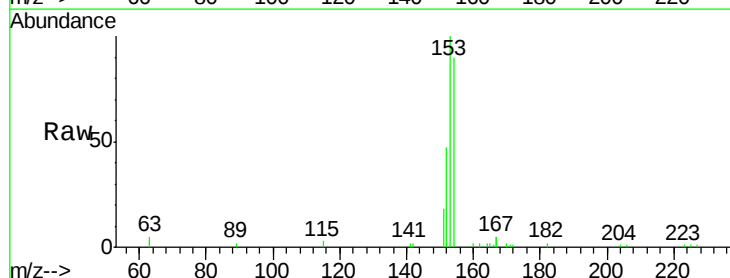
Tgt Ion:154 Resp: 7046

Ion Ratio Lower Upper

154 100

153 116.5 92.6 138.8

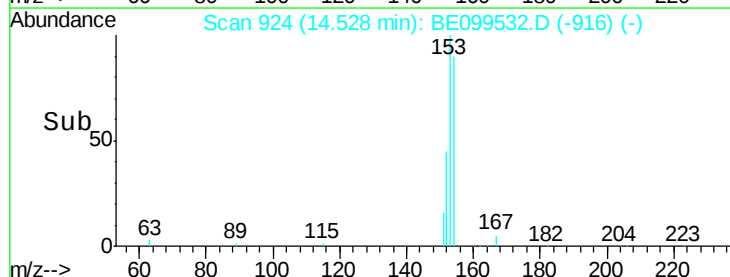
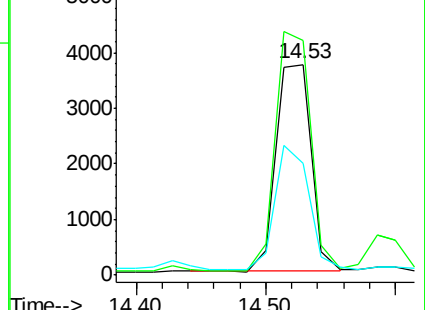
152 57.0 45.8 68.8

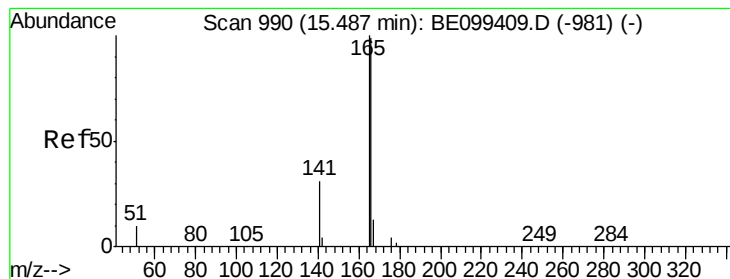


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.288 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

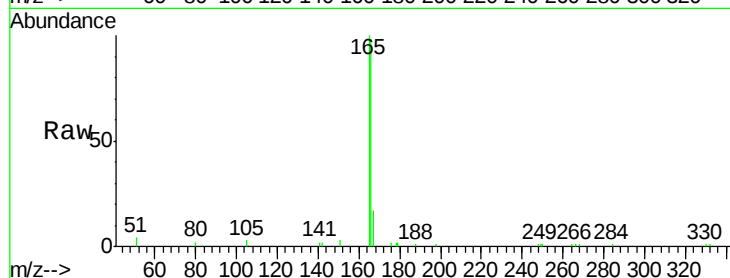
Tot Ion:166 Resp: 7770

Ion Ratio Lower Upper

166 100

165 103.2 80.3 120.5

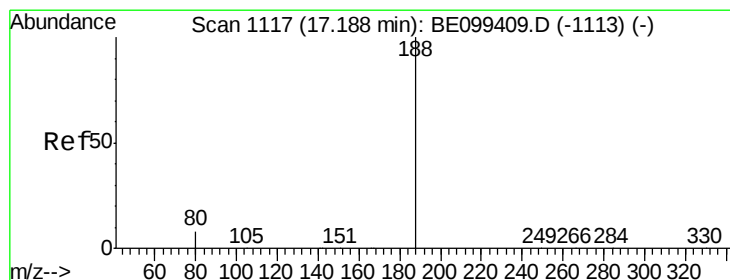
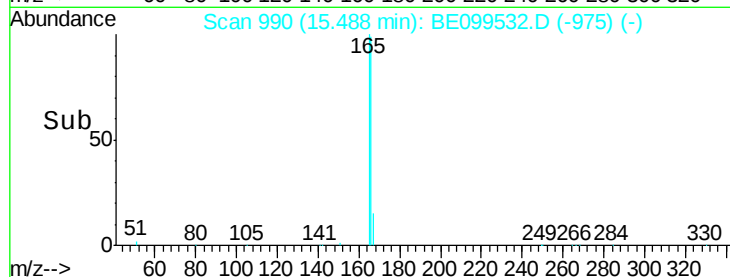
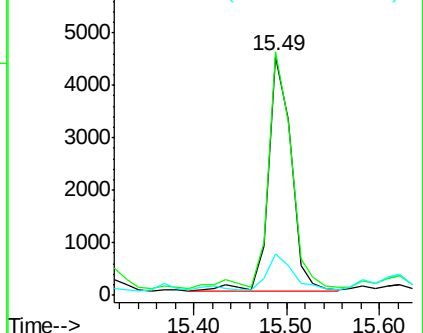
167 16.6 10.7 16.1#



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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

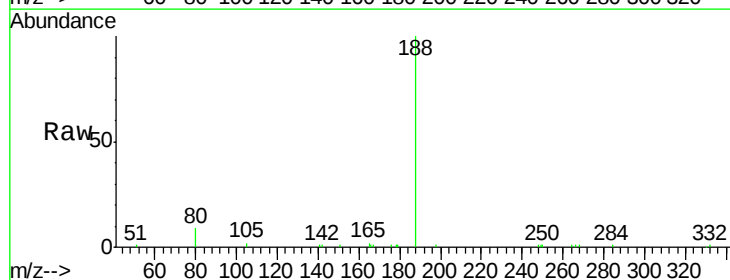
Tgt Ion:188 Resp: 20898

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

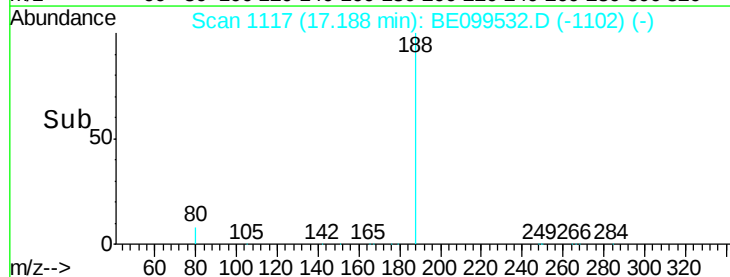
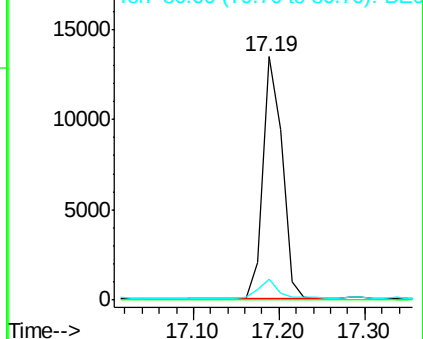
80 8.8 6.7 10.1

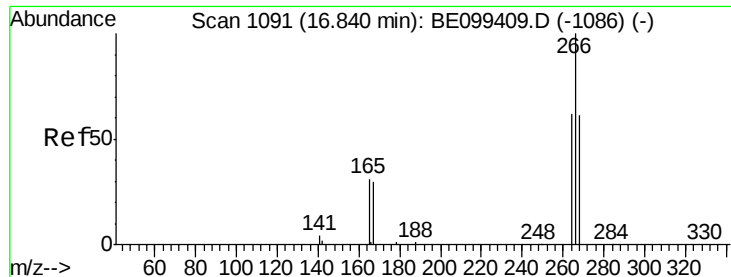


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

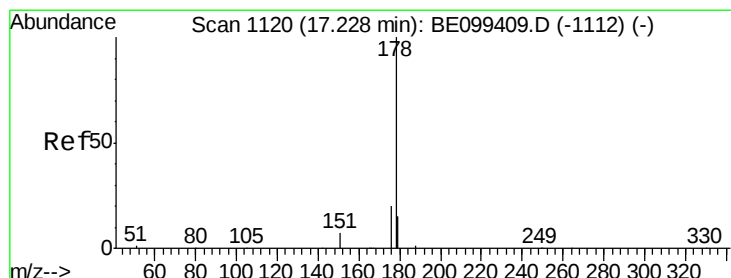
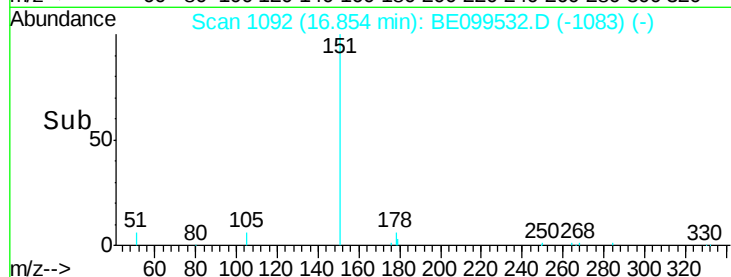
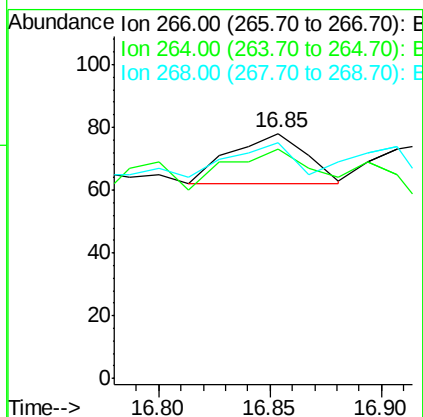
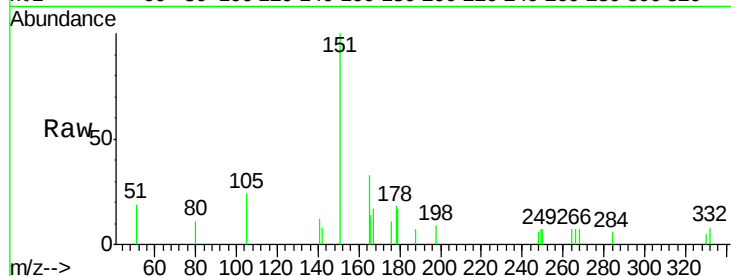




#22
 Pentachlorophenol
 Concen: 0.221 ng
 RT: 16.85 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BE099532.D
 Acq: 3 May 2019 16:31

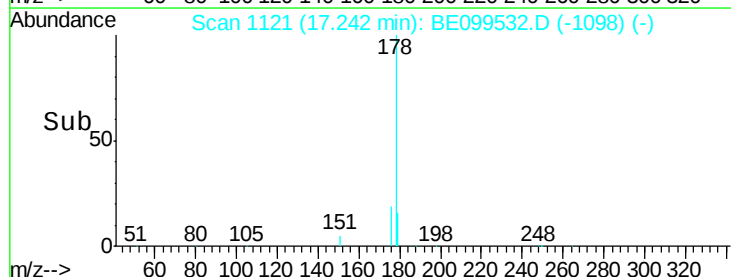
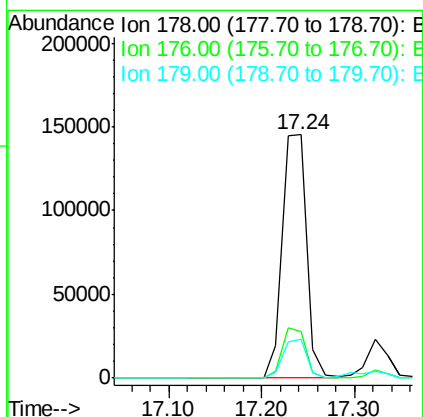
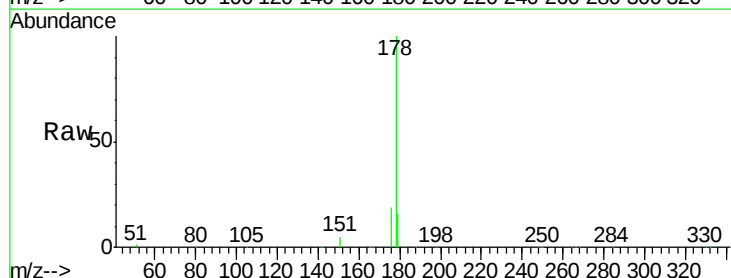
Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW069-042319

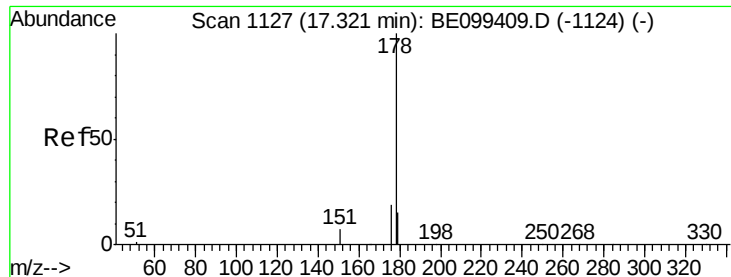
Tot Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 264 93.6 50.8 76.2#
 268 96.2 50.5 75.7#



#23
 Phenanthrene
 Concen: 4.889 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE099532.D
 Acq: 3 May 2019 16:31

Tgt Ion:178 Resp: 263638
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.3 12.0 18.0





#24

Anthracene

Concen: 0.714 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

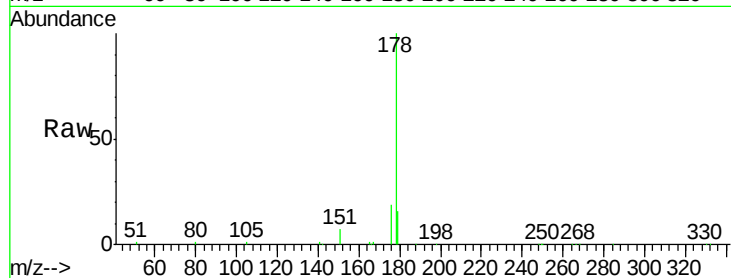
Tot Ion:178 Resp: 36708

Ion Ratio Lower Upper

178 100

176 17.7 14.9 22.3

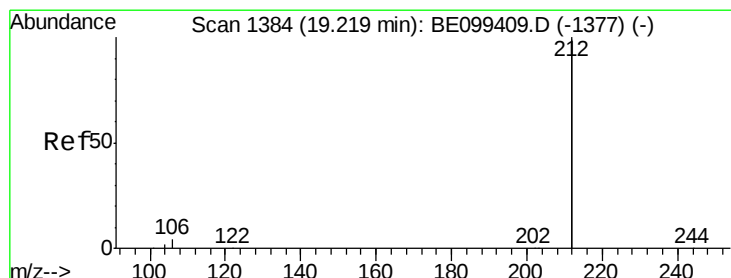
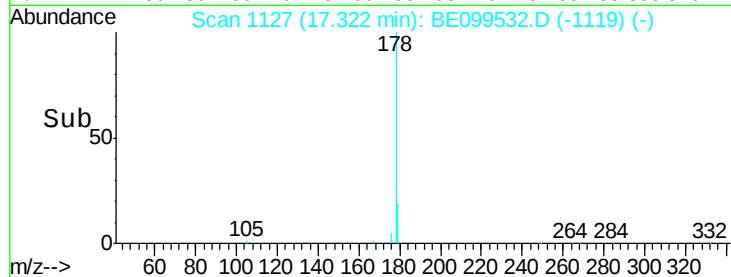
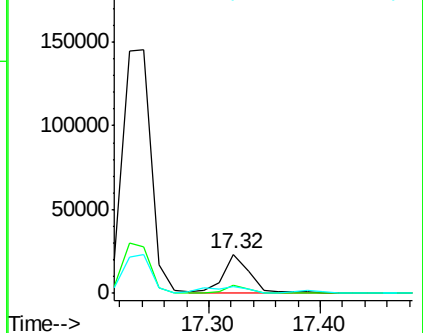
179 23.2 11.9 17.9#



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: 0.226 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

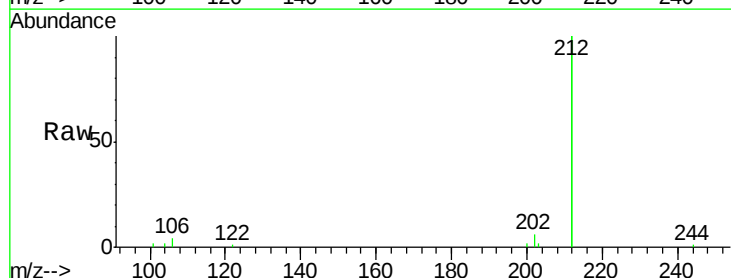
Tgt Ion:212 Resp: 63555

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

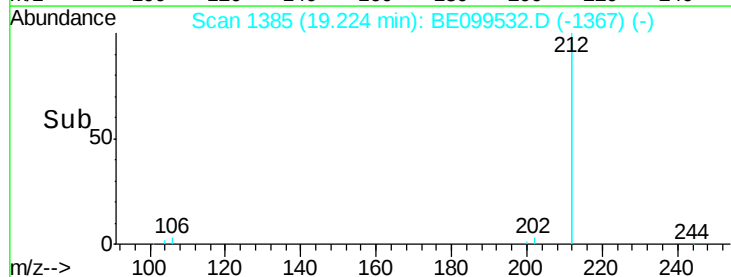
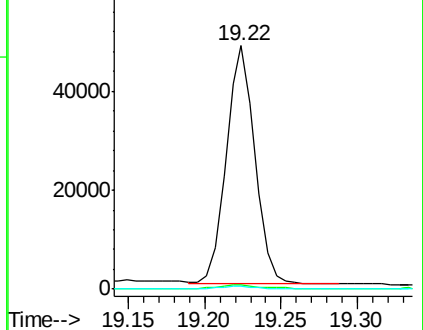
104 1.1 0.9 1.3

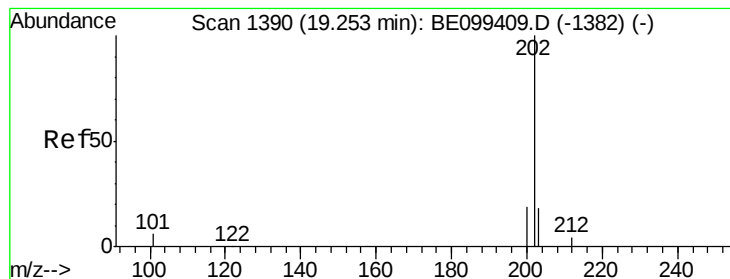


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 6.153 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

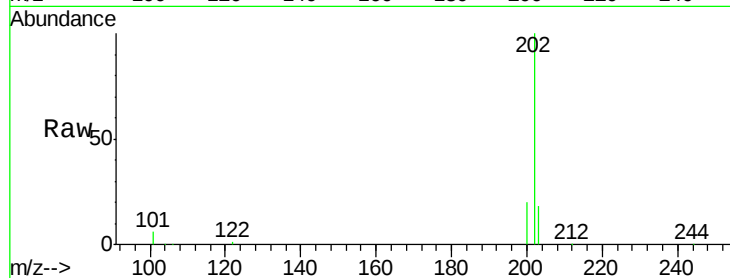
Tot Ion:202 Resp: 497024

Ion Ratio Lower Upper

202 100

101 6.3 5.4 8.0

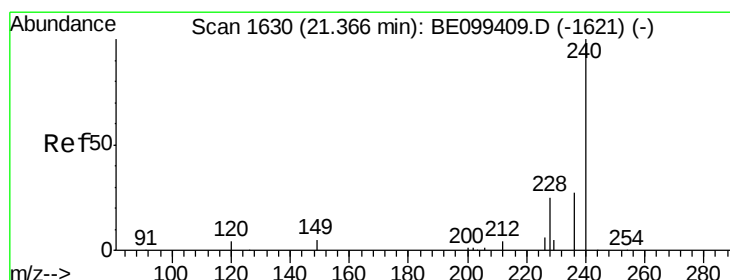
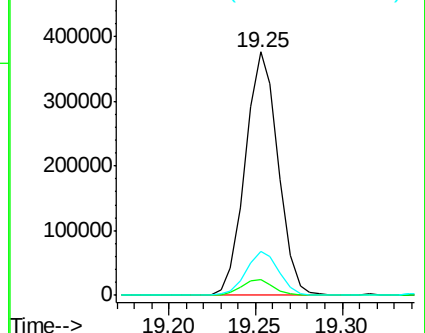
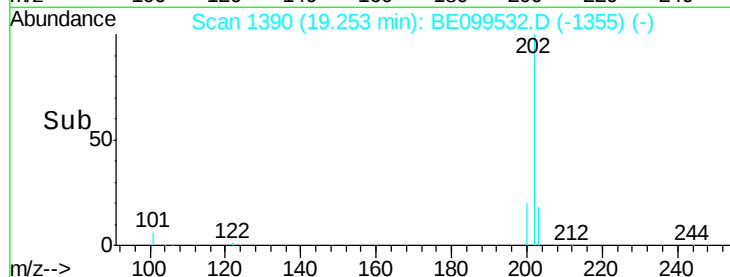
203 17.7 13.9 20.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

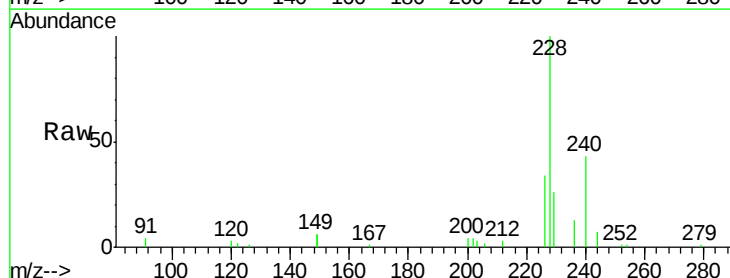
Tgt Ion:240 Resp: 25101

Ion Ratio Lower Upper

240 100

120 6.9 4.0 6.0#

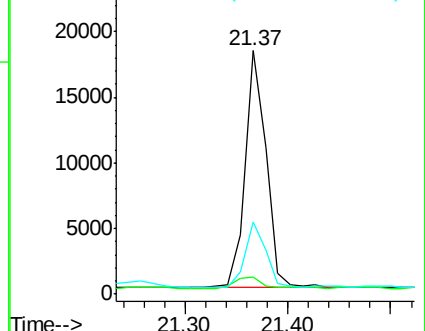
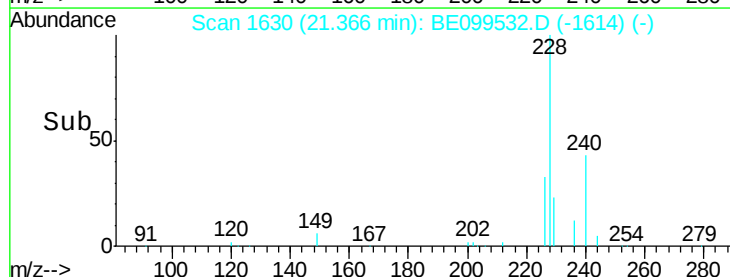
236 29.6 22.0 33.0

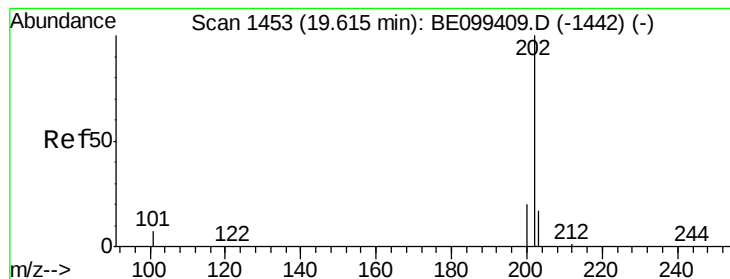


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 6.728 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

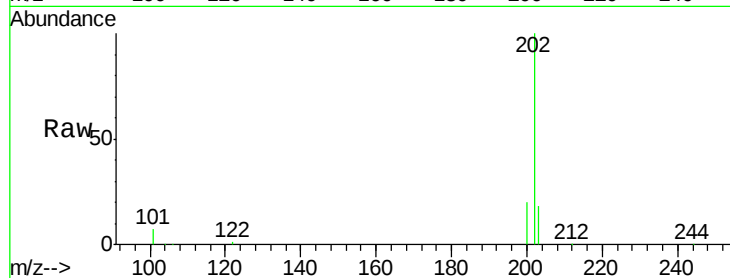
Tot Ion:202 Resp: 440206

Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

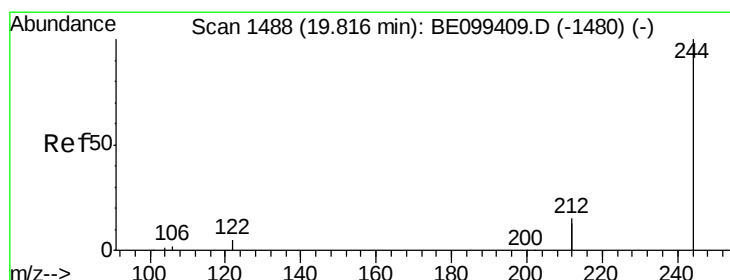
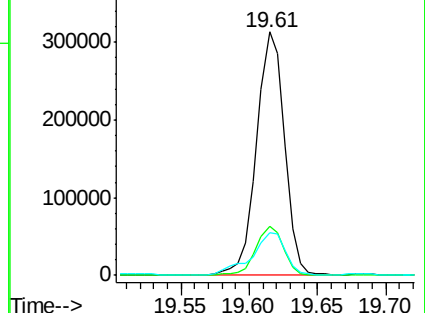
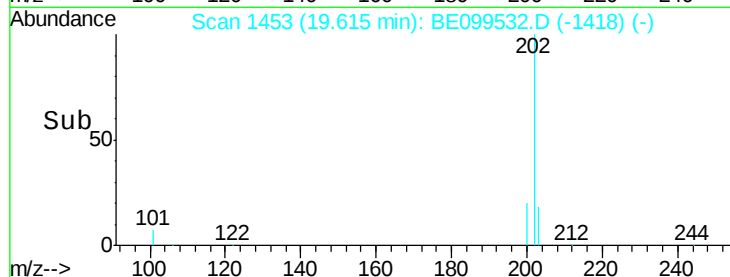
203 21.5 13.9 20.9#



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: 0.299 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

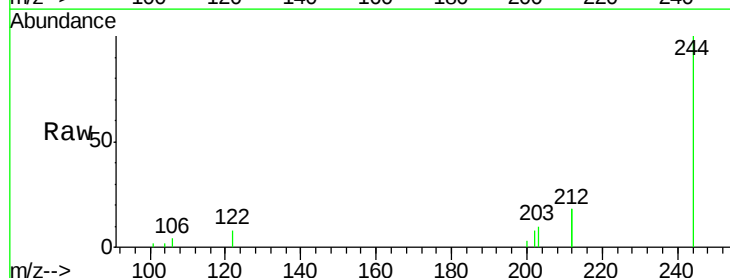
Tgt Ion:244 Resp: 13728

Ion Ratio Lower Upper

244 100

212 35.3 23.2 34.8#

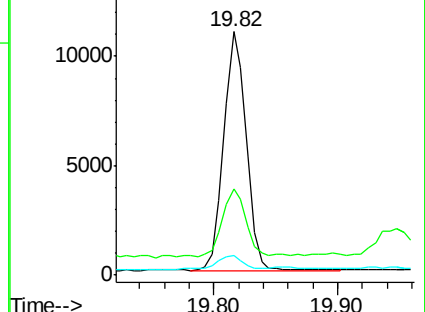
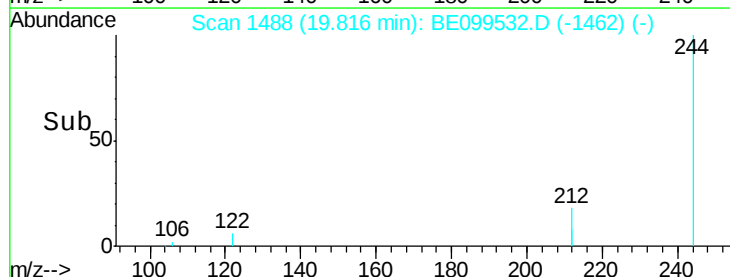
122 7.9 4.2 6.4#

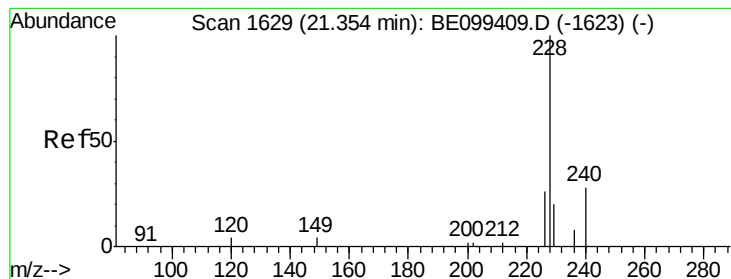


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 3.162 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

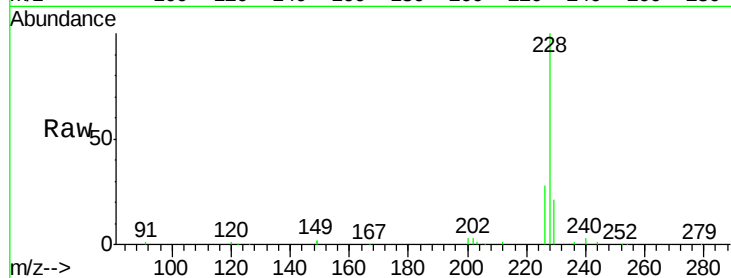
Tot Ion:228 Resp: 252850

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.6

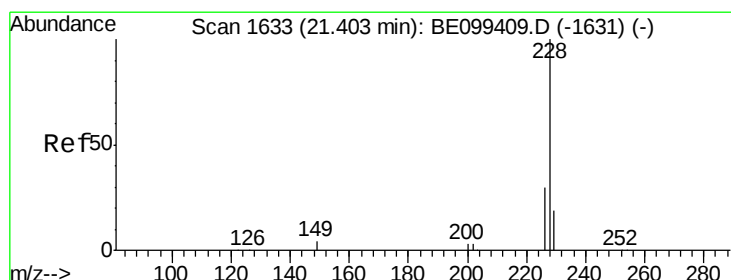
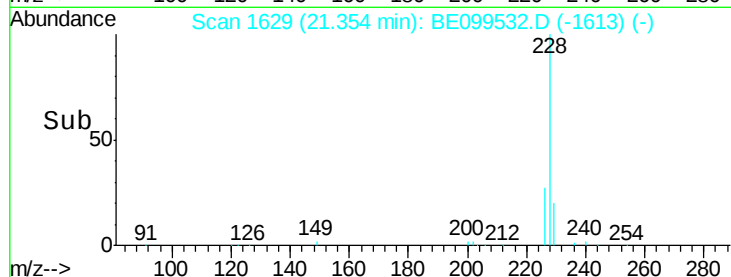
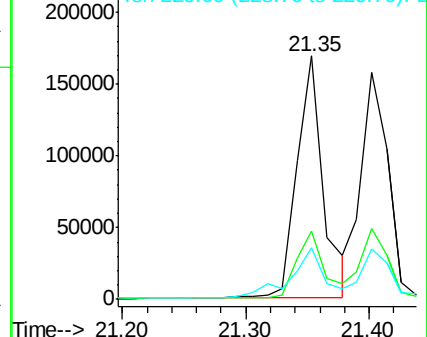
229 21.1 16.6 25.0



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: 3.062 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

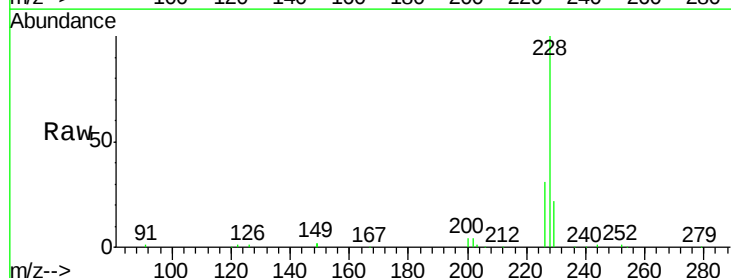
Tgt Ion:228 Resp: 239673

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

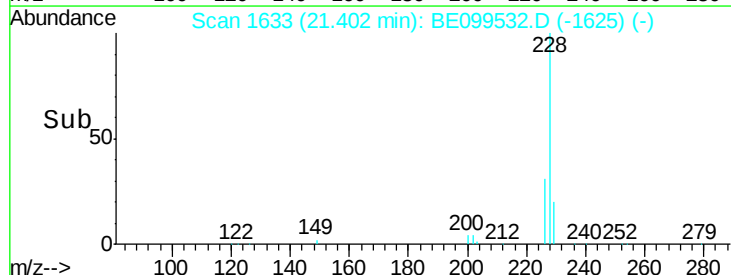
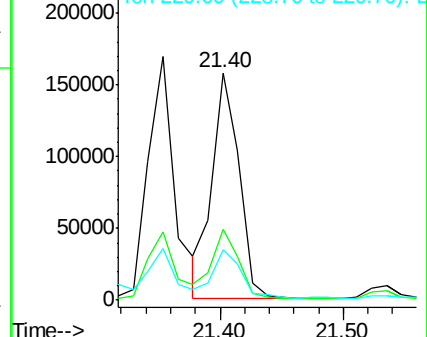
229 22.3 15.8 23.8

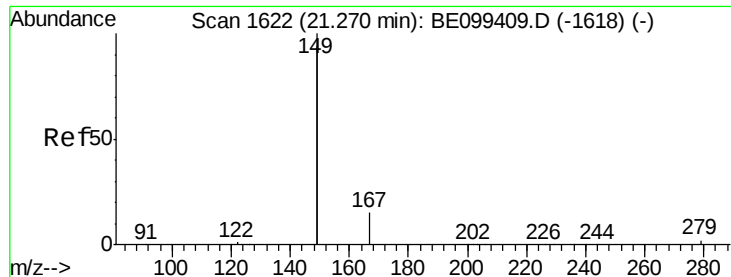


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

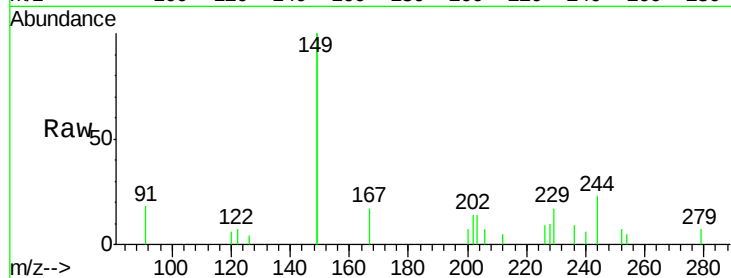
Tot Ion:149 Resp: 14319

Ion Ratio Lower Upper

149 100

167 8.2 5.8 8.6

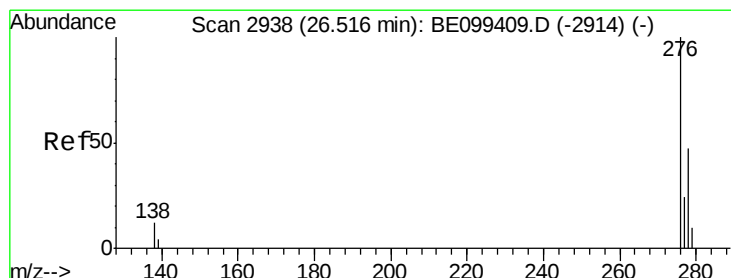
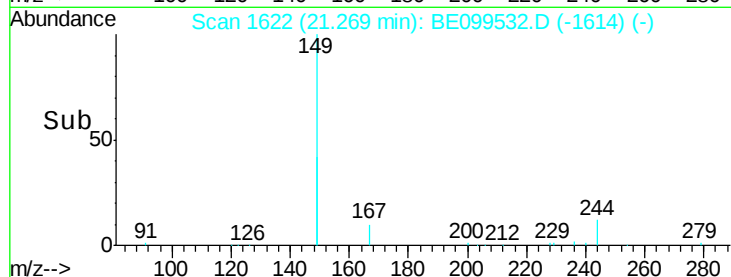
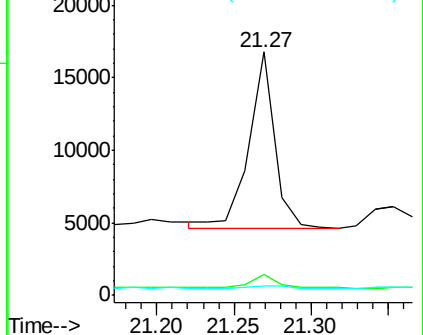
279 2.7 1.0 1.6#



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: 1.410 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

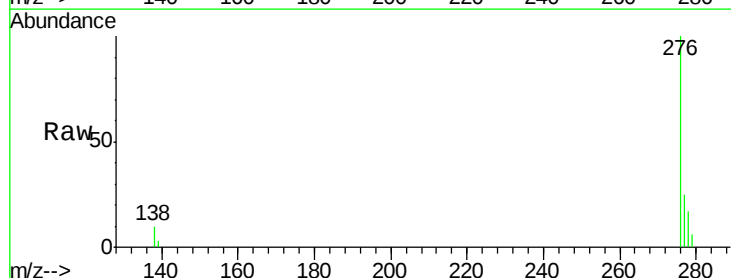
Tgt Ion:276 Resp: 130437

Ion Ratio Lower Upper

276 100

138 9.9 10.2 15.2#

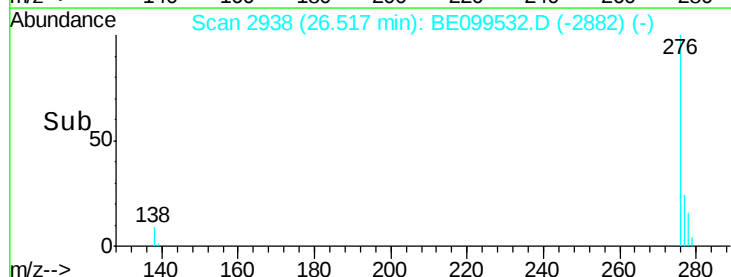
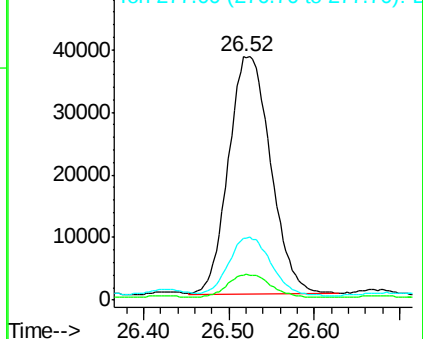
277 24.6 19.2 28.8

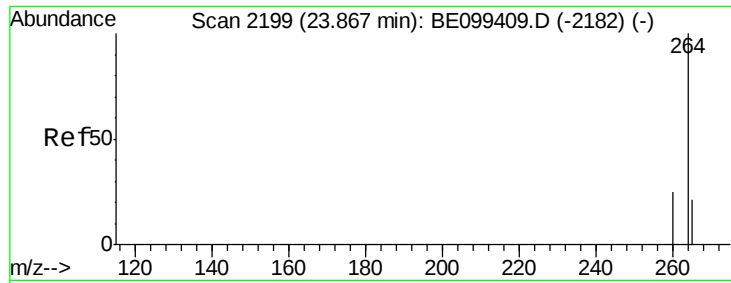


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

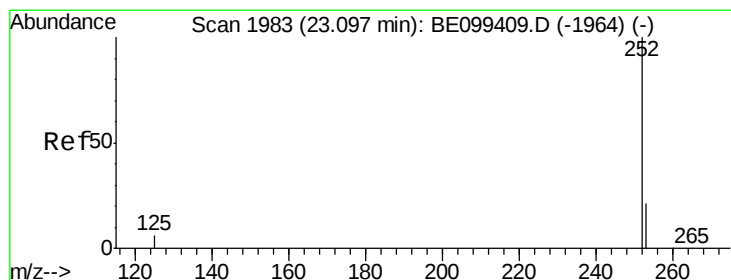
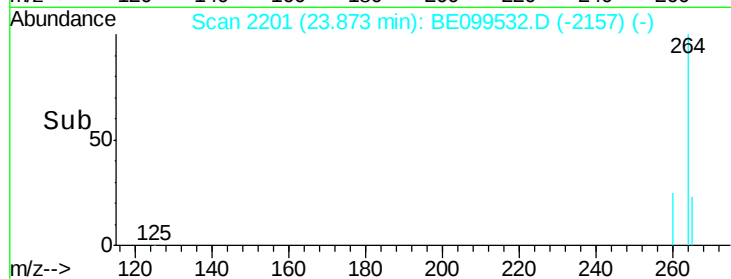
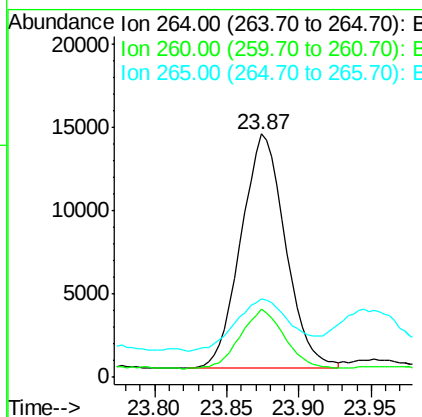
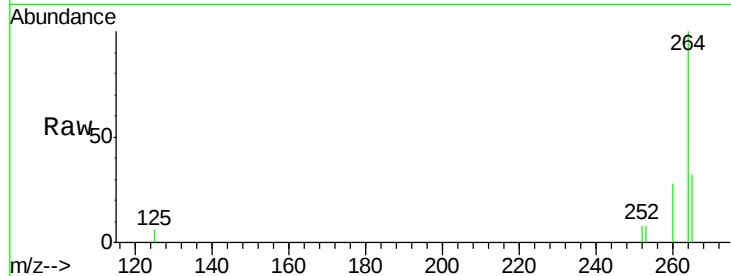




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

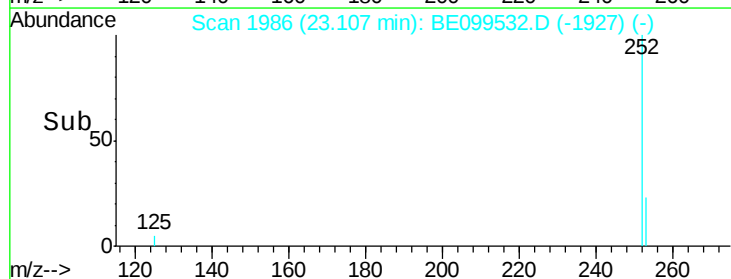
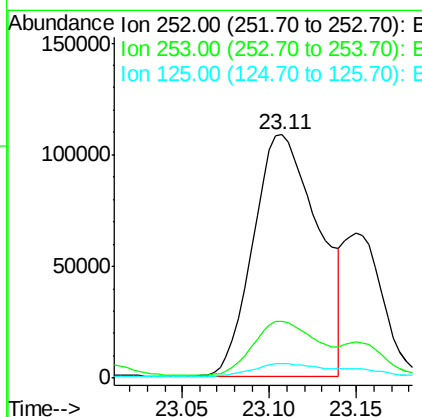
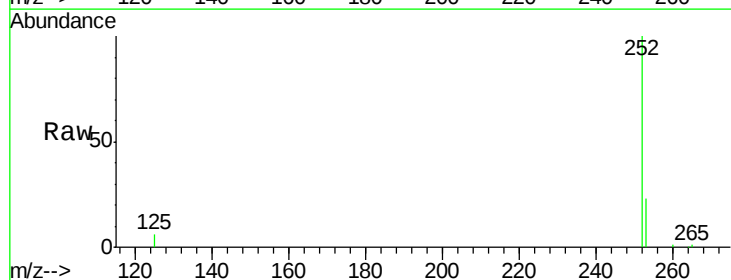
Instrument :
BNA_E
ClientSampleId :
EXT-004-SW069-042319

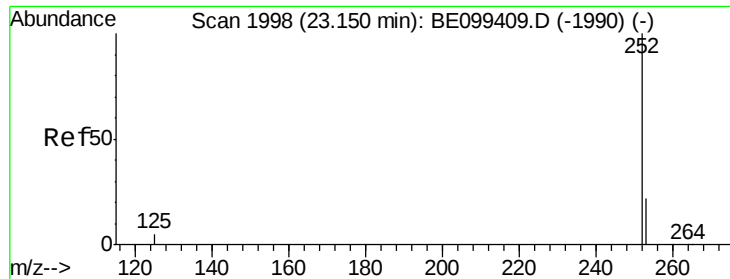
Tot Ion:264 Resp: 29754
Ion Ratio Lower Upper
264 100
260 28.2 20.2 30.2
265 32.1 21.3 31.9#



#35
Benzo(b)fluoranthene
Concen: 3.282 ng
RT: 23.11 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

Tgt Ion:252 Resp: 281559
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 5.8 5.6 8.4

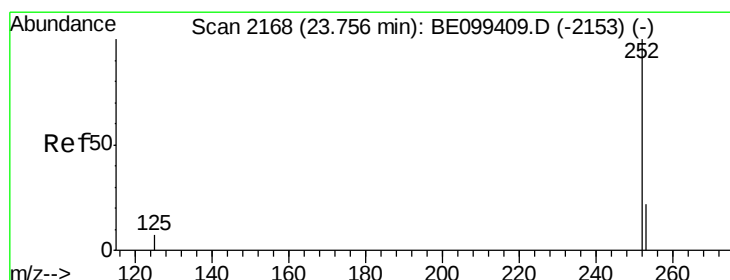
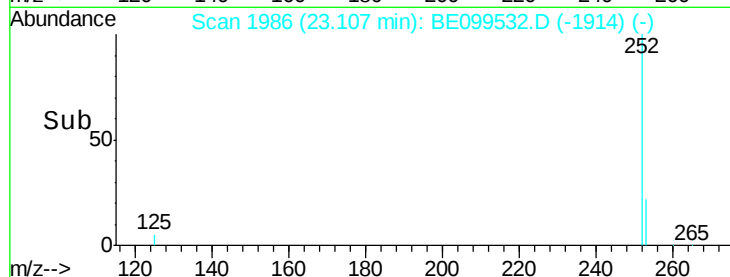
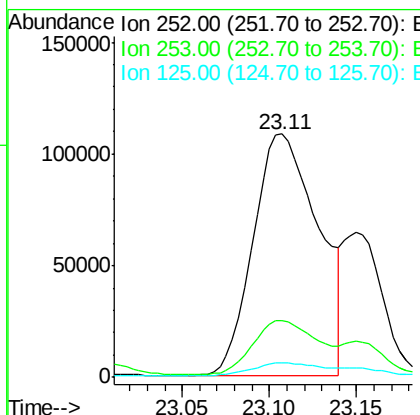
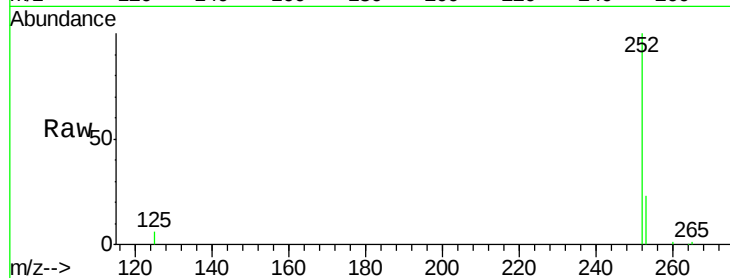




#36
Benzo(k)fluoranthene
Concen: 3.403 ng
RT: 23.11 min Scan# 1986
Delta R.T. -0.04 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

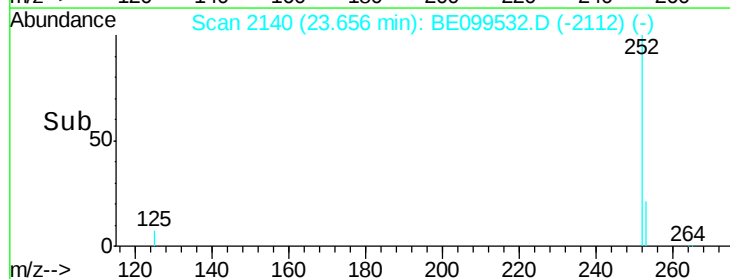
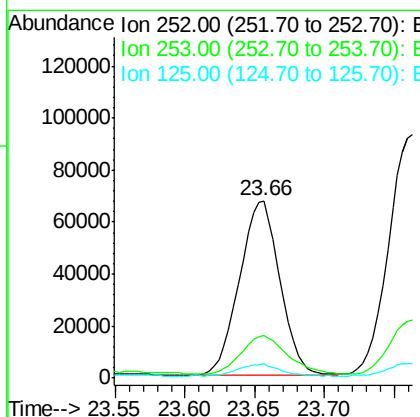
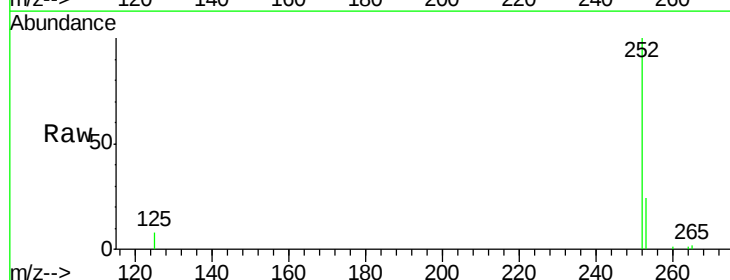
Instrument :
BNA_E
ClientSampleId :
EXT-004-SW069-042319

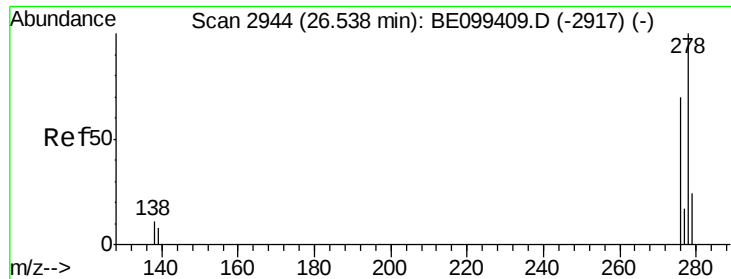
Tot Ion:252 Resp: 281559
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 5.8 5.0 7.4



#37
Benzo(a)pyrene
Concen: 1.681 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.10 min
Lab File: BE099532.D
Acq: 3 May 2019 16:31

Tgt Ion:252 Resp: 136322
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 7.9 6.7 10.1





#38

Dibenzo(a,h)anthracene

Concen: 0.399 ng

RT: 26.55 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW069-042319

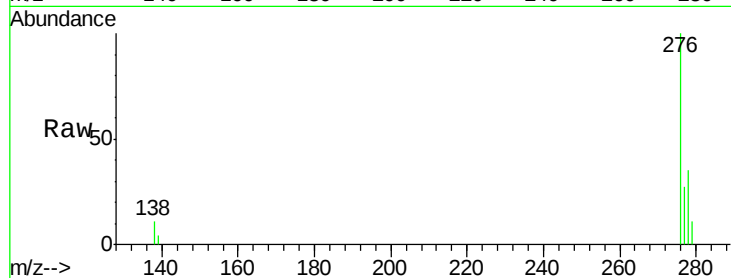
Tot Ion:278 Resp: 33113

Ion Ratio Lower Upper

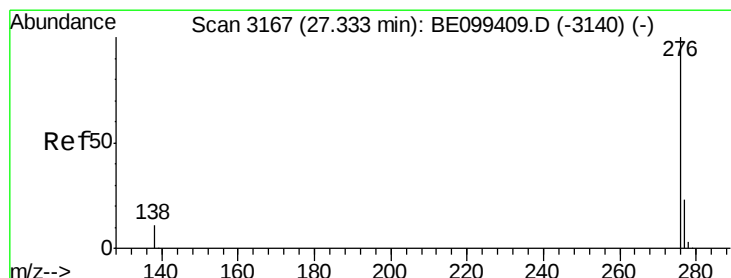
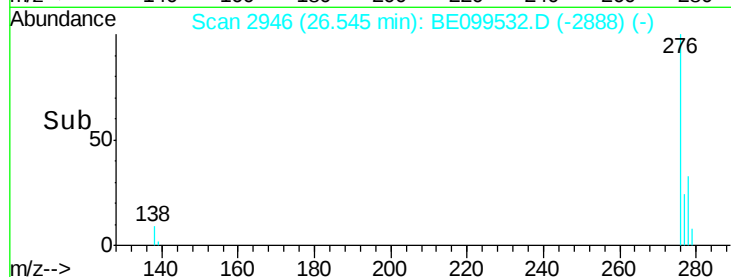
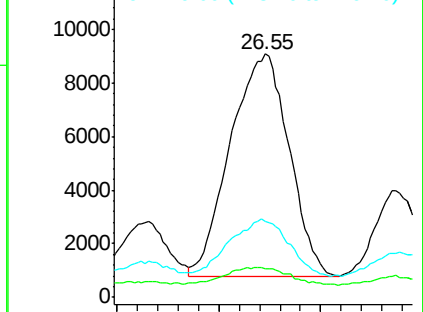
278 100

139 11.9 7.7 11.5#

279 31.4 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(g,h,i)perylene

Concen: 1.511 ng

RT: 27.35 min Scan# 3172

Delta R.T. 0.02 min

Lab File: BE099532.D

Acq: 3 May 2019 16:31

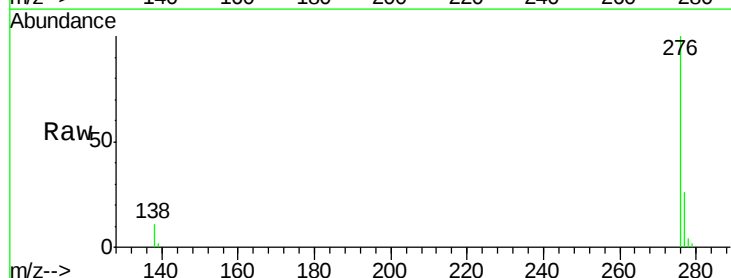
Tgt Ion:276 Resp: 125606

Ion Ratio Lower Upper

276 100

277 25.5 19.5 29.3

138 10.6 9.6 14.4



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

