

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099362.D
 Acq On : 25 Apr 2019 15:38
 Operator : JU/SJ
 Sample : K2534-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW067-042219MS

Quant Time: Apr 26 00:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3716	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	14379	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10465	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	30339	0.40	ng	0.00
27) Chrysene-d12	21.37	240	34155	0.40	ng	0.00
34) Perylene-d12	23.86	264	38765	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3700	0.41	ng	0.01
5) Phenol-d6	6.97	99	5055	0.39	ng	0.00
8) Nitrobenzene-d5	8.97	82	4403	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	11169	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2110	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11905	0.29	ng	0.00
25) Fluoranthene-d10	19.22	212	120685	0.33	ng	0.00
29) Terphenyl-d14	19.82	244	20784	0.31	ng	0.00

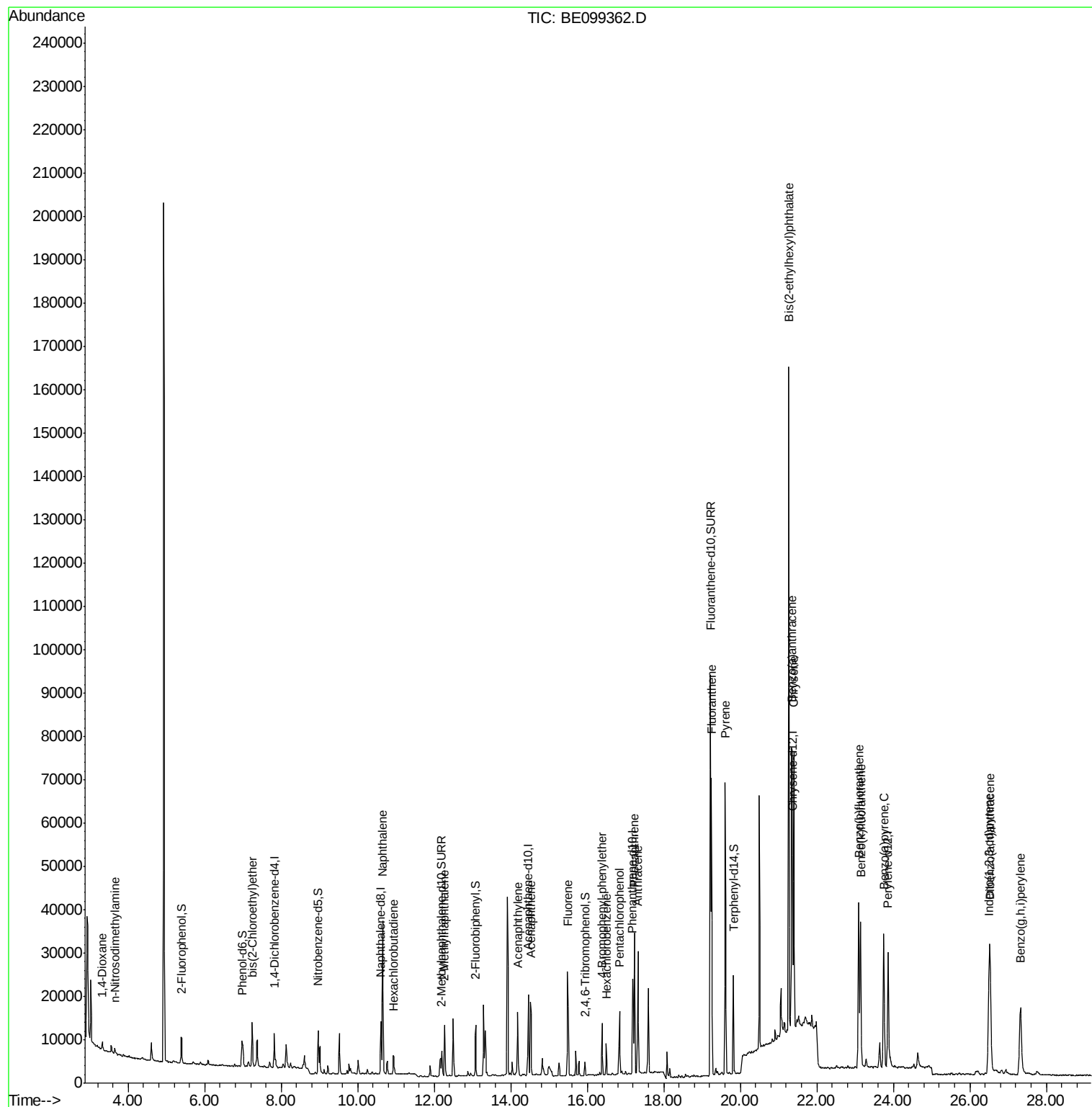
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1281	0.246	ng	# 40
3) n-Nitrosodimethylamine	3.65	42	1019	0.364	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	3932	0.325	ng	94
9) Naphthalene	10.65	128	54146	0.345	ng	100
10) Hexachlorobutadiene	10.93	225	3250	0.326	ng	97
12) 2-Methylnaphthalene	12.27	142	9488	0.355	ng	96
16) Acenaphthylene	14.18	152	17391	0.368	ng	99
17) Acenaphthene	14.51	154	9788	0.336	ng	96
18) Fluorene	15.49	166	14706	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	5841	0.347	ng	# 94
21) Hexachlorobenzene	16.49	284	5481	0.339	ng	100
22) Pentachlorophenol	16.84	266	7114	1.311	ng	95
23) Phenanthrene	17.23	178	36231	0.451	ng	99
24) Anthracene	17.32	178	28388	0.397	ng	99
26) Fluoranthene	19.25	202	62702	0.583	ng	99
28) Pyrene	19.61	202	63205	0.628	ng	97
30) Benzo(a)anthracene	21.34	228	60415	0.602	ng	98
31) Chrysene	21.40	228	54087	0.506	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	174917	1.914	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	54041	0.512	ng	97
35) Benzo(b)fluoranthene	23.09	252	57199	0.482	ng	# 94
36) Benzo(k)fluoranthene	23.14	252	50024	0.423	ng	# 95
37) Benzo(a)pyrene	23.75	252	51481	0.484	ng	95
38) Dibenzo(a,h)anthracene	26.53	278	39215	0.361	ng	98
39) Benzo(g,h,i)perylene	27.32	276	45861	0.416	ng	98

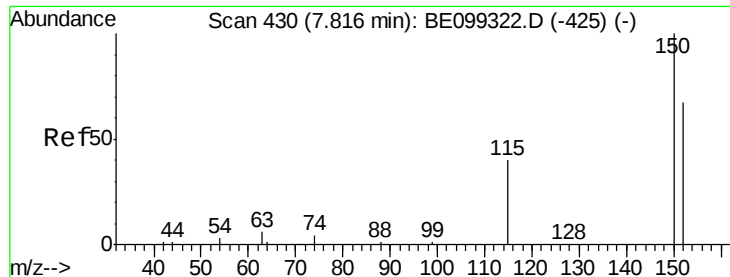
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

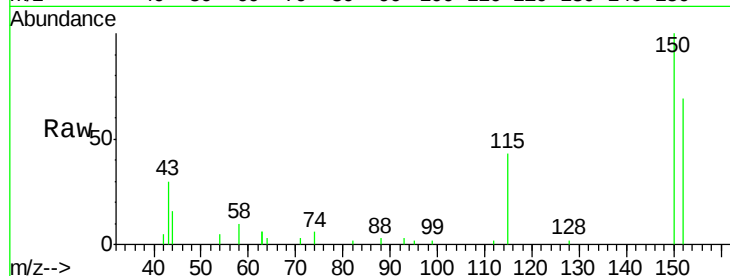
Tot Ion:152 Resp: 3716

Ion Ratio Lower Upper

152 100

150 146.0 119.5 179.3

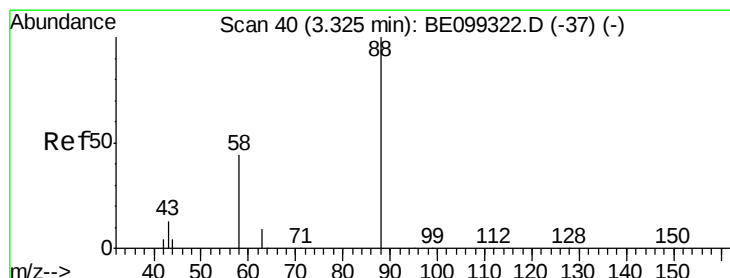
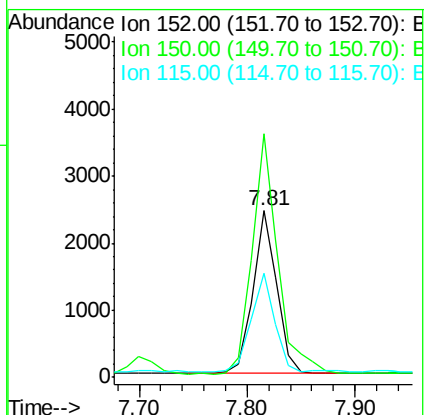
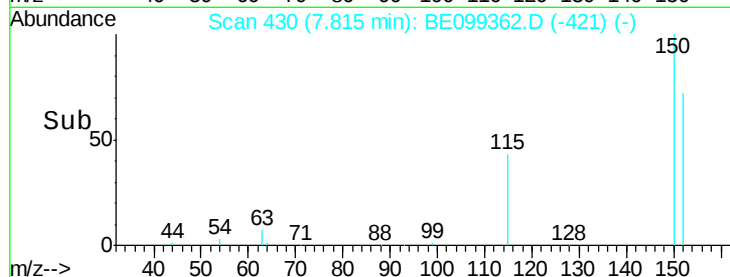
115 62.4 47.5 71.3



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: 0.246 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

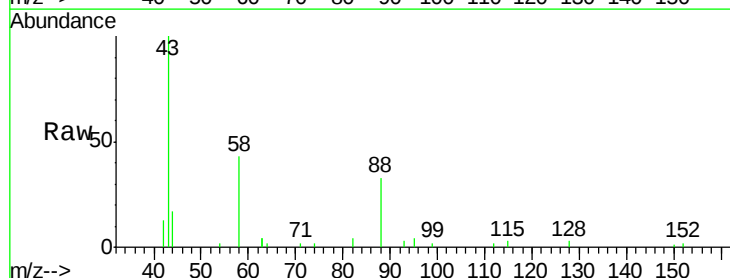
Tgt Ion: 88 Resp: 1281

Ion Ratio Lower Upper

88 100

58 83.4 49.1 73.7#

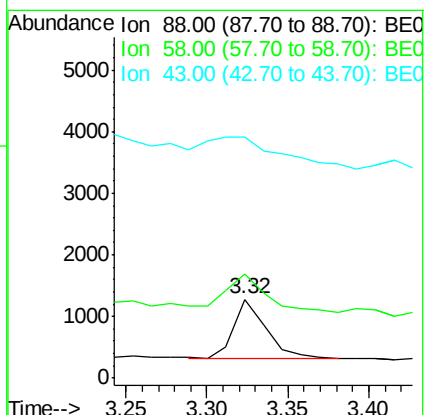
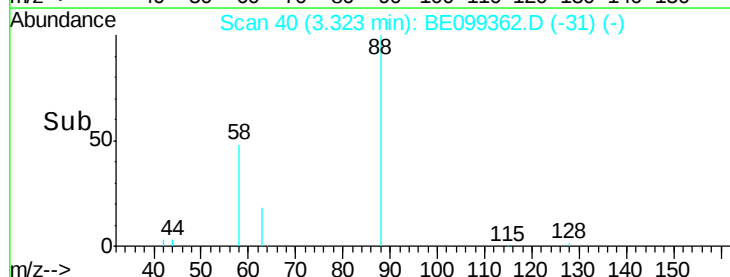
43 93.0 17.9 26.9#

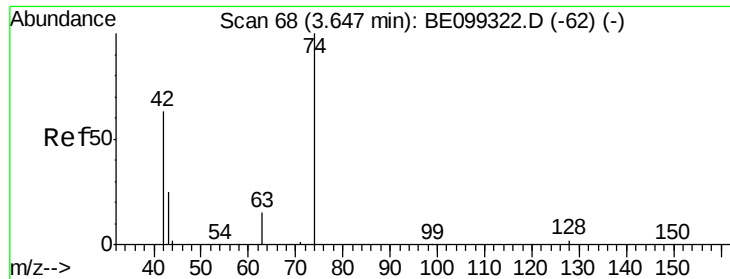


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.364 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099362.D

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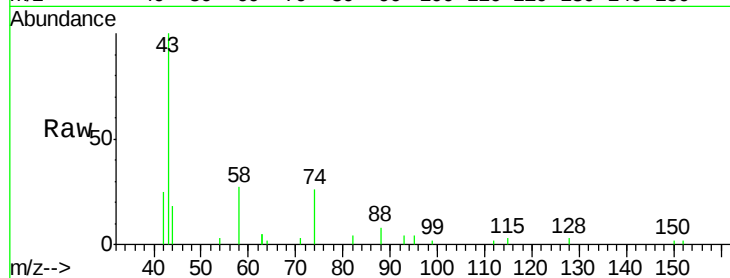
Tot Ion: 42 Resp: 1019

Ion Ratio Lower Upper

42 100

74 178.5 145.8 218.8

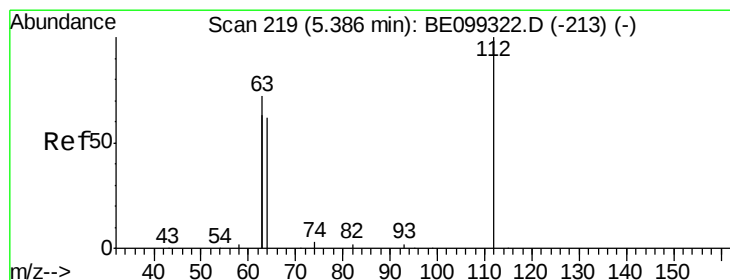
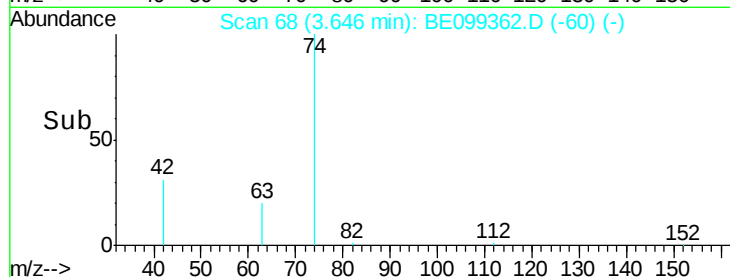
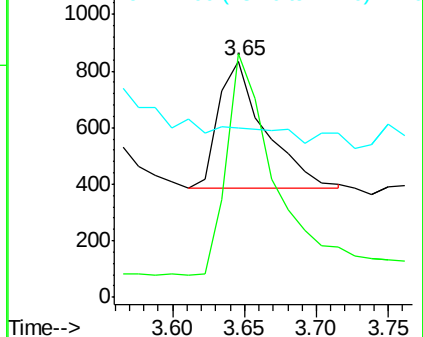
44 0.0 9.0 13.4#



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: 0.407 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

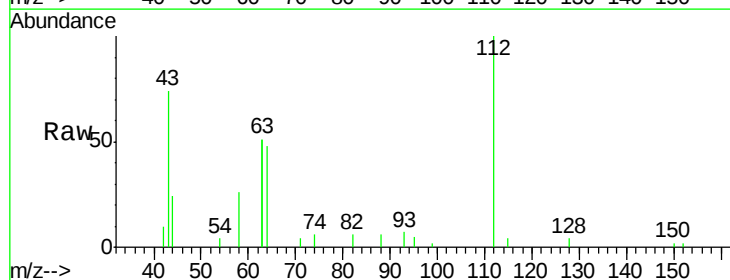
Tgt Ion: 112 Resp: 3700

Ion Ratio Lower Upper

112 100

64 57.9 44.9 67.3

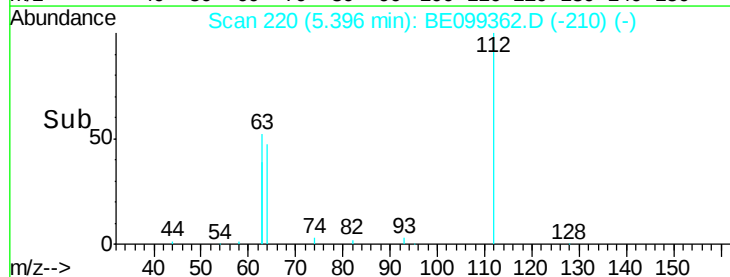
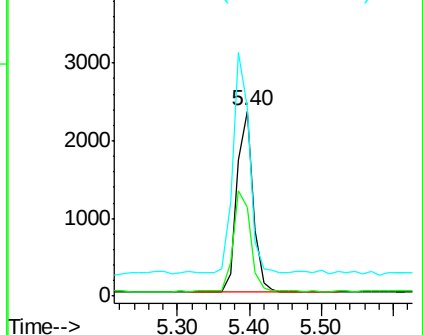
63 120.1 97.4 146.0

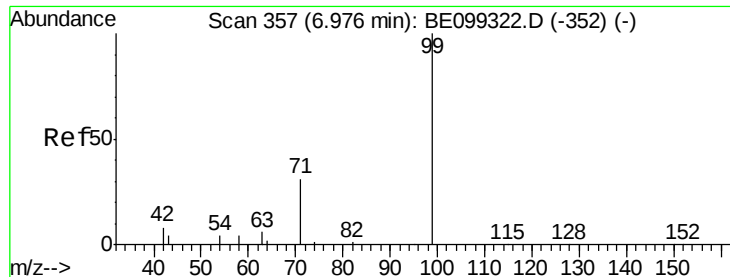


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

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EXT-073-SW067-042219MS

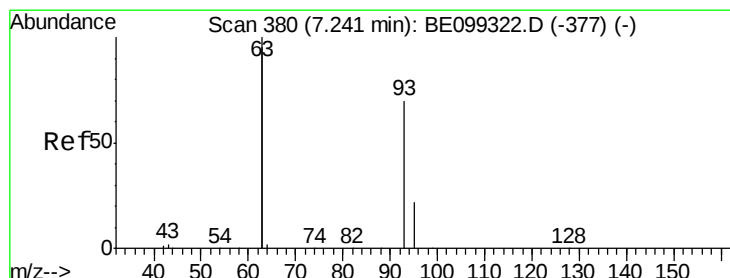
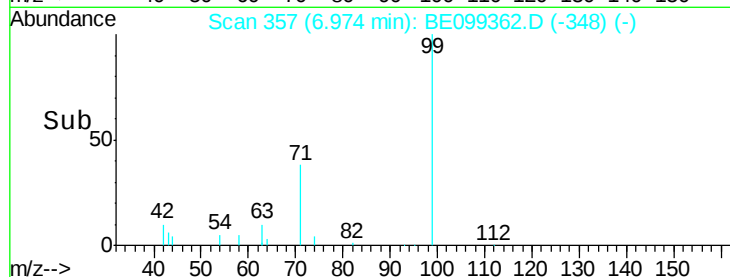
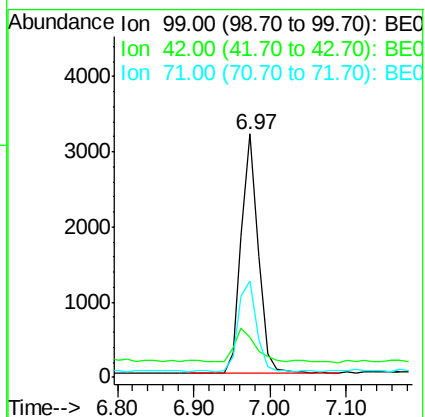
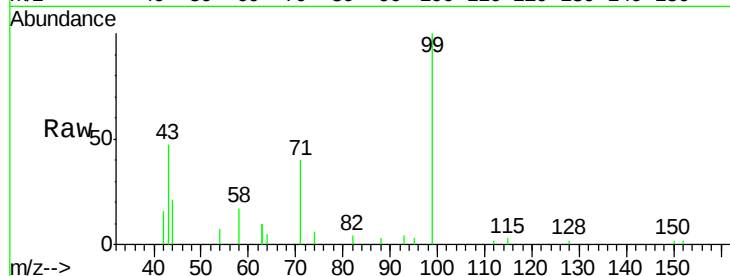
Tot Ion: 99 Resp: 5055

Ion Ratio Lower Upper

99 100

42 16.9 11.7 17.5

71 40.2 29.6 44.4



#6

bis(2-Chloroethyl)ether

Concen: 0.325 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

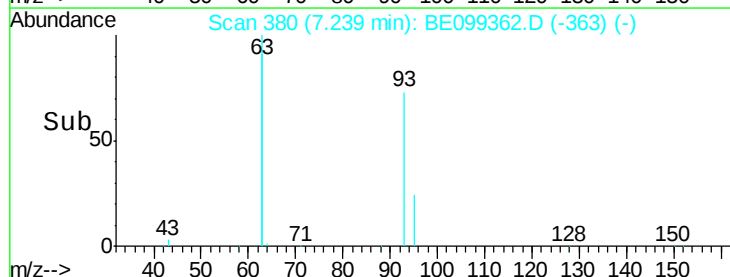
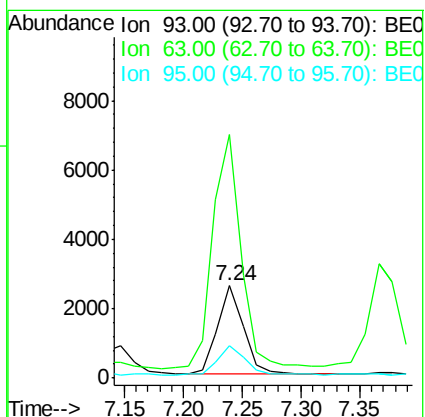
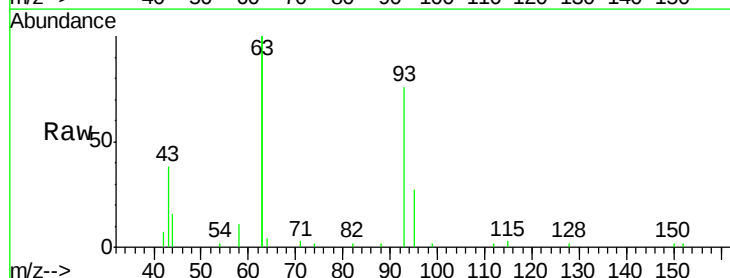
Tgt Ion: 93 Resp: 3932

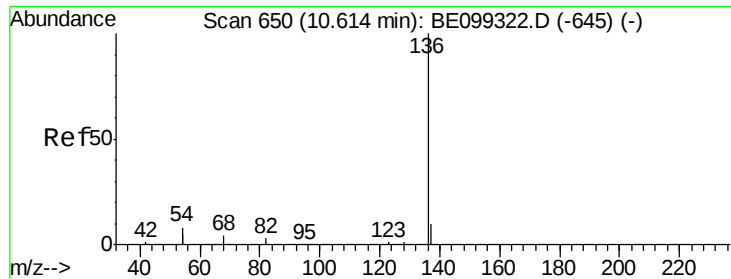
Ion Ratio Lower Upper

93 100

63 282.5 216.6 324.8

95 34.5 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

Tot Ion:136 Resp: 14379

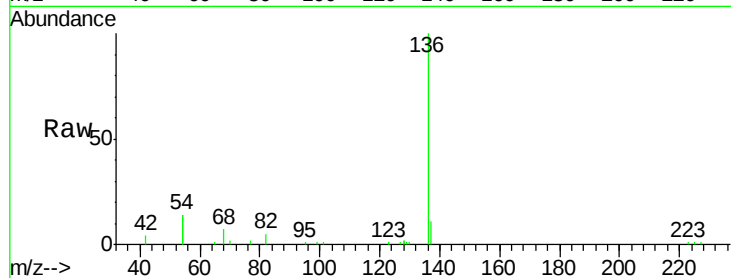
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 27.8 23.8 35.8

68 6.7 6.4 9.6

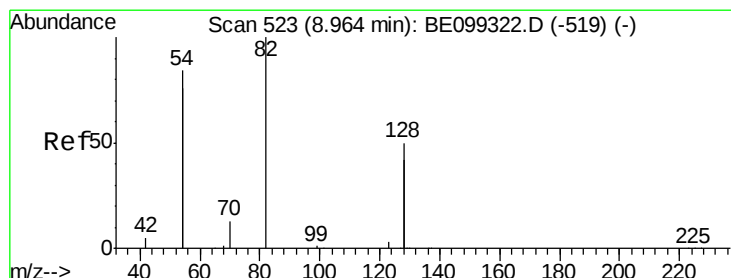
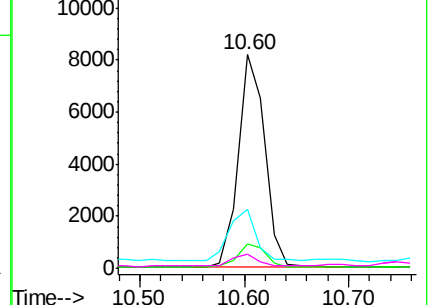
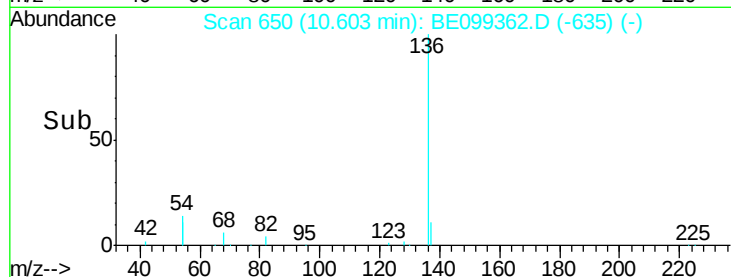


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

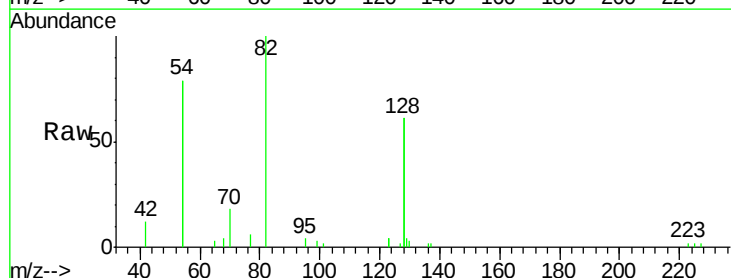
Tgt Ion: 82 Resp: 4403

Ion Ratio Lower Upper

82 100

128 122.9 91.7 137.5

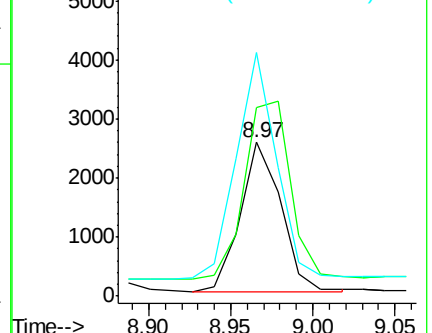
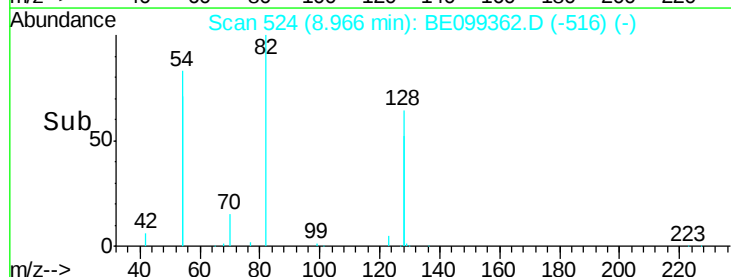
54 158.4 122.8 184.2

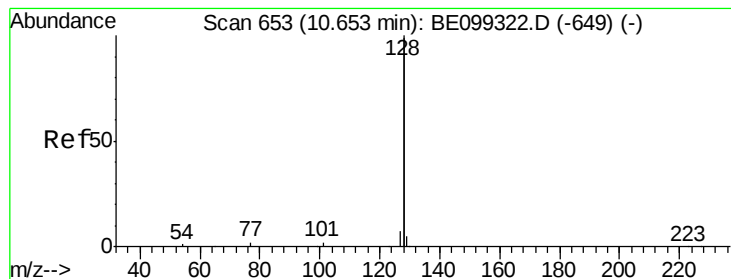


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.345 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

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ClientSampleId :

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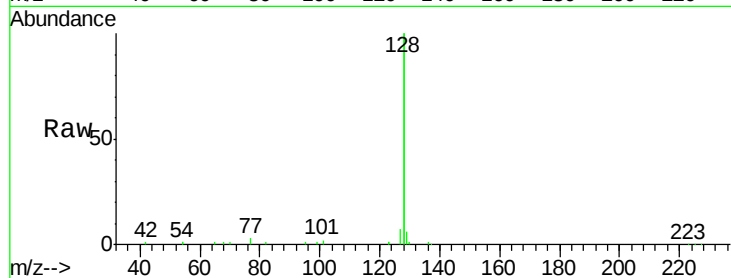
Tot Ion:128 Resp: 54146

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

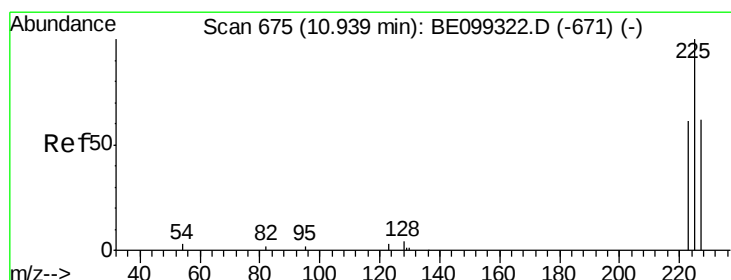
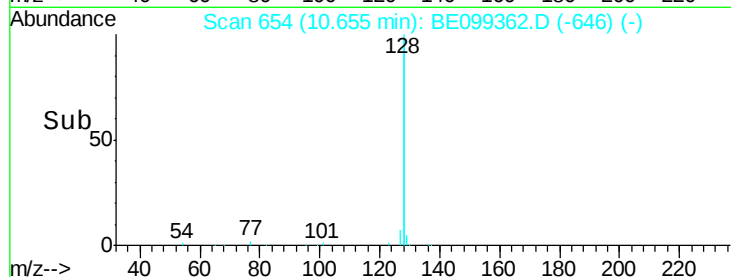
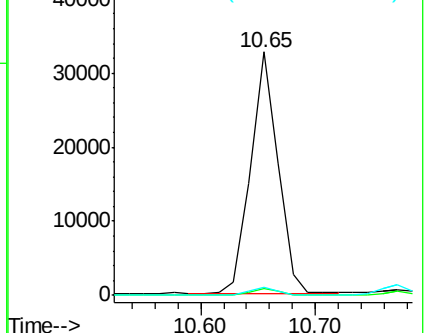
127 3.5 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.326 ng

RT: 10.93 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

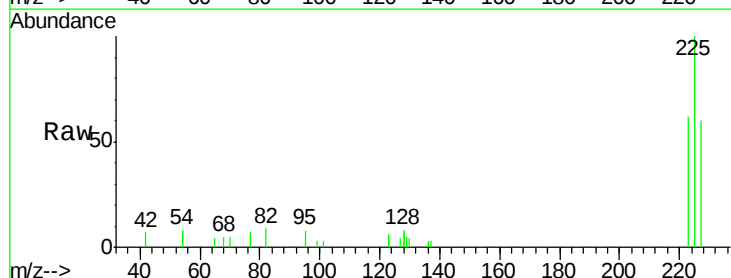
Tgt Ion:225 Resp: 3250

Ion Ratio Lower Upper

225 100

223 63.8 50.3 75.5

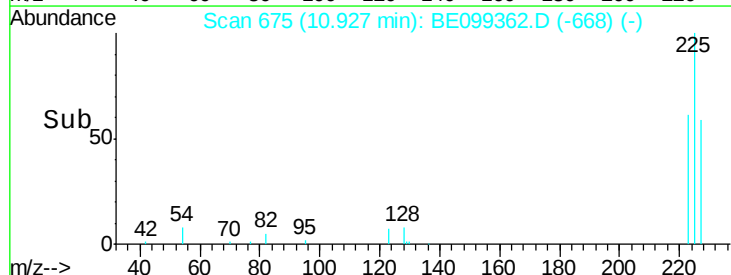
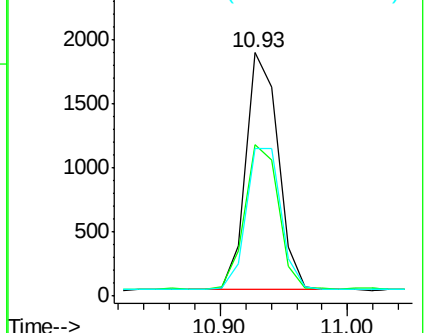
227 64.9 49.4 74.0

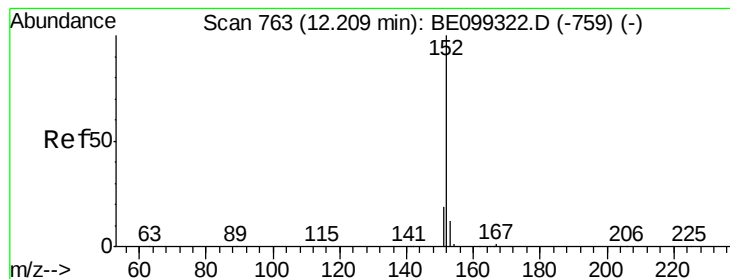


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 12.20 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

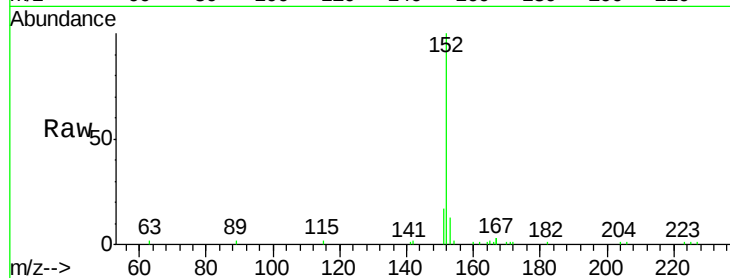
EXT-073-SW067-042219MS

Tot Ion:152 Resp: 11169

Ion Ratio Lower Upper

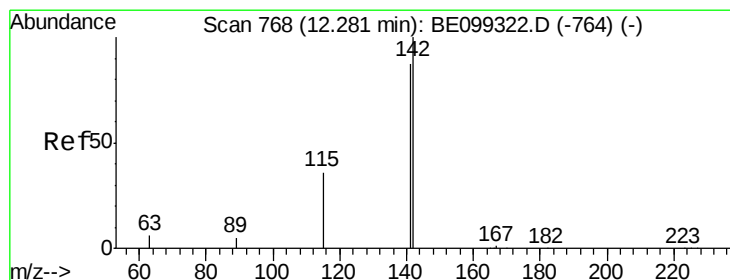
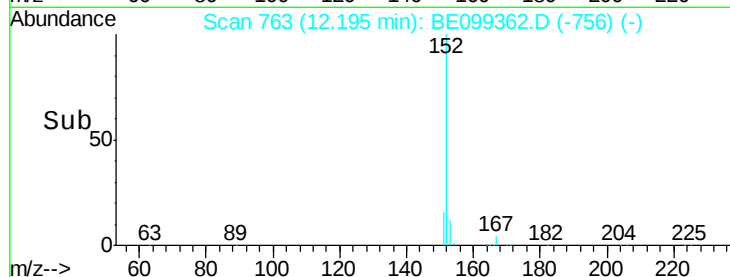
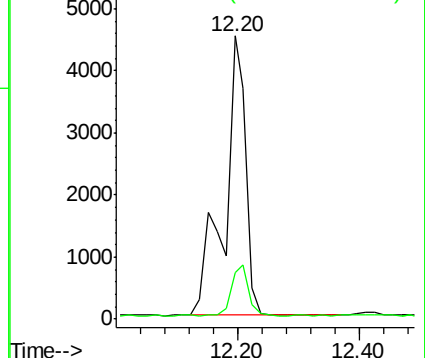
152 100

151 14.8 14.9 22.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.27 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

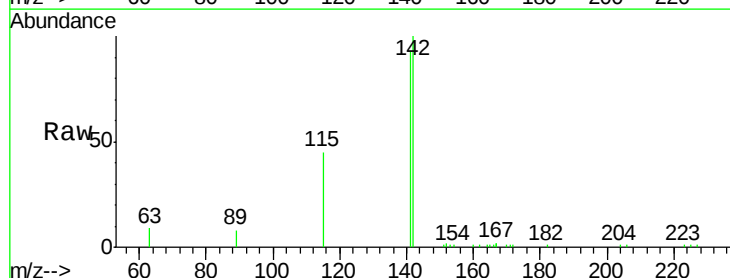
Tgt Ion:142 Resp: 9488

Ion Ratio Lower Upper

142 100

141 93.2 72.0 108.0

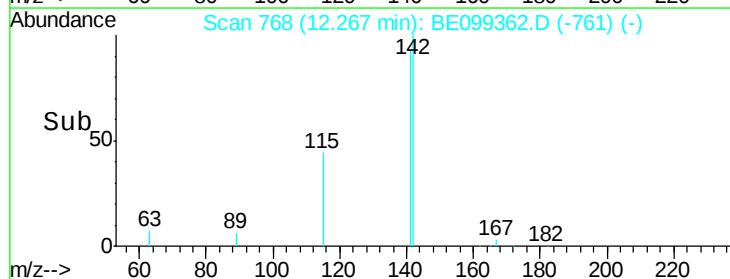
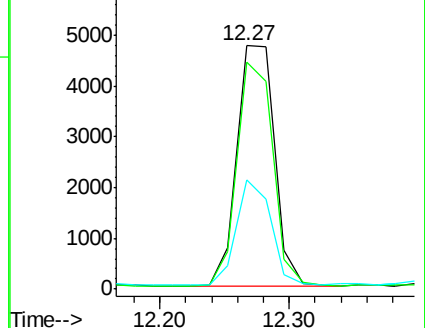
115 45.0 33.4 50.0

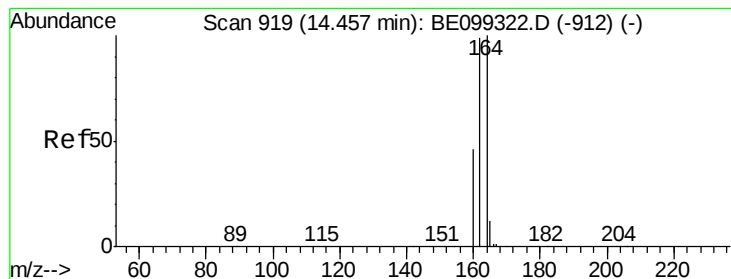


Abundance Ion 142.00 (141.70 to 142.70): E

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# 920

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

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EXT-073-SW067-042219MS

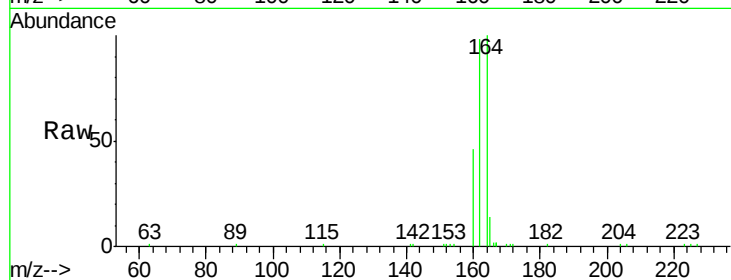
Tot Ion:164 Resp: 10465

Ion Ratio Lower Upper

164 100

162 97.8 77.8 116.6

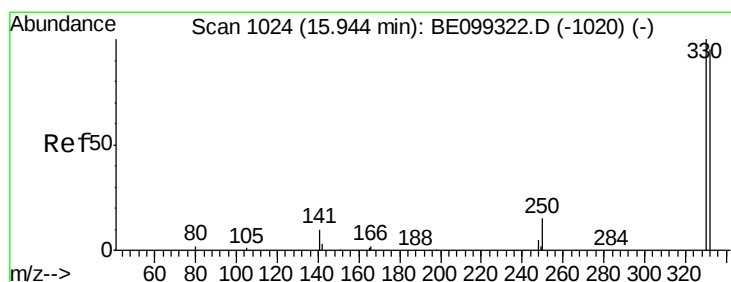
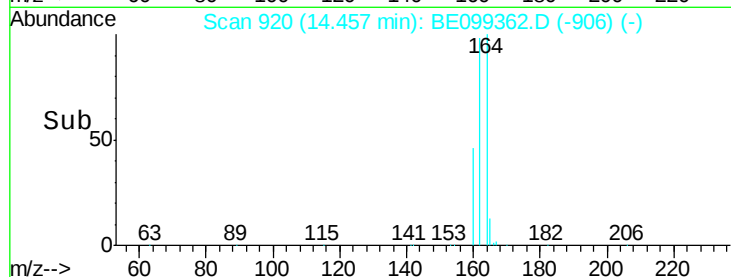
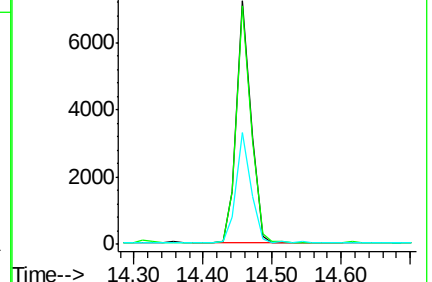
160 46.1 37.1 55.7



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: 0.607 ng

RT: 15.94 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

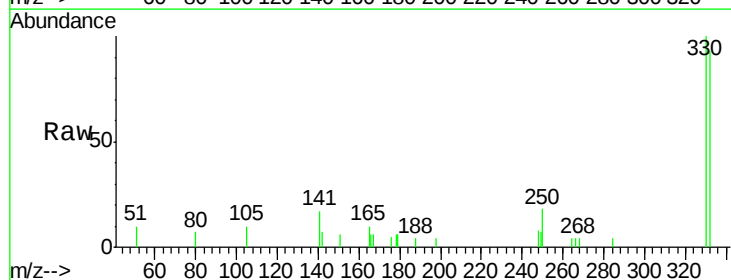
Tgt Ion:330 Resp: 2110

Ion Ratio Lower Upper

330 100

332 93.9 82.5 123.7

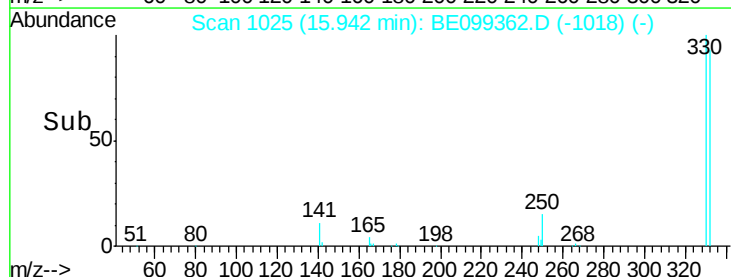
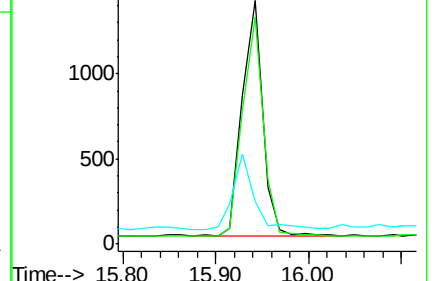
141 33.7 24.9 37.3

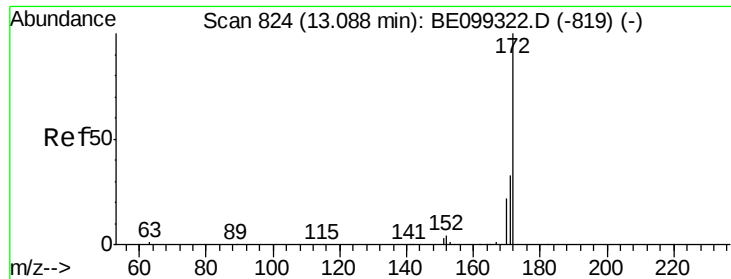


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

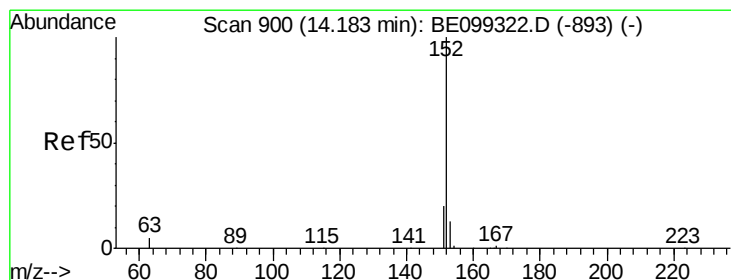
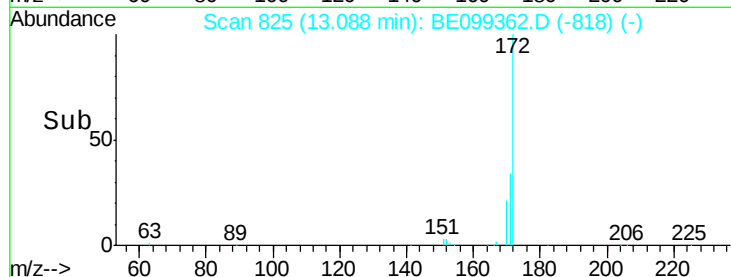
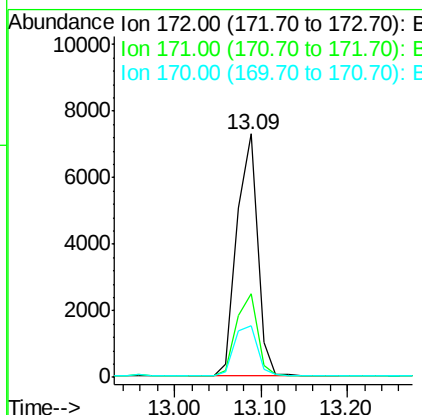
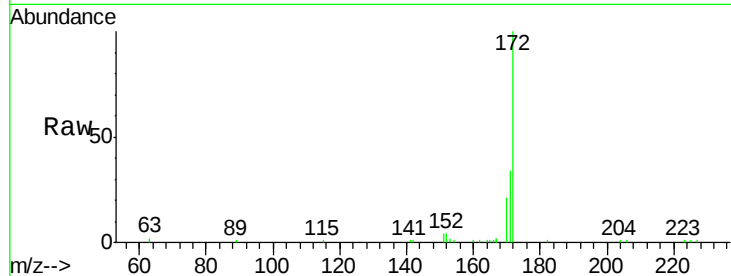




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.09 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

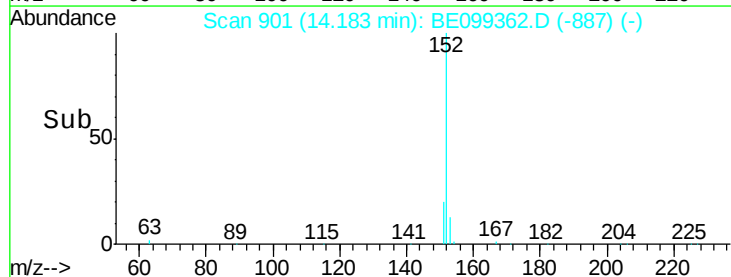
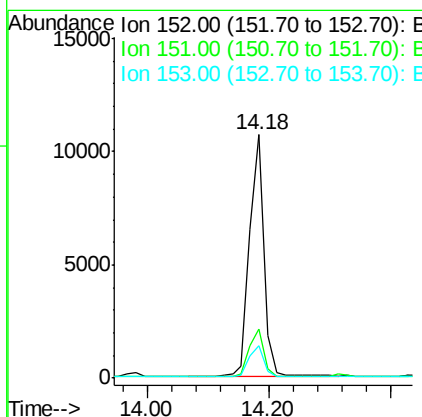
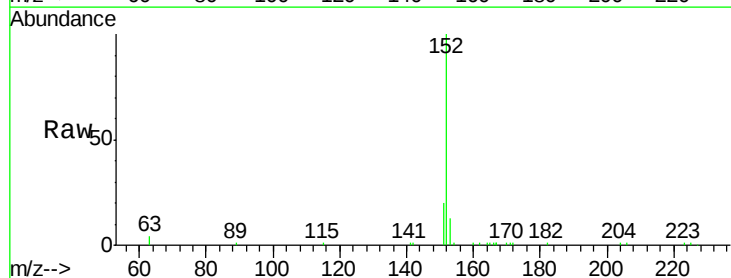
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MS

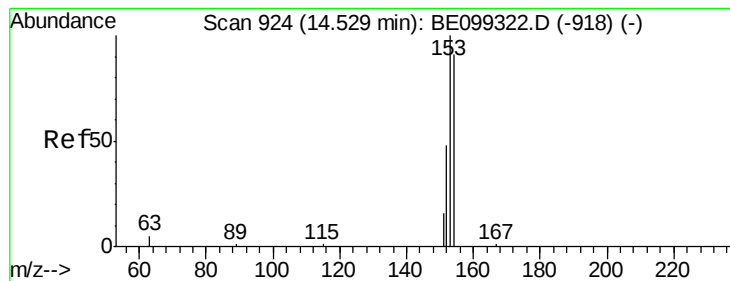
Tot Ion:172 Resp: 11905
Ion Ratio Lower Upper
172 100
171 34.4 26.2 39.2
170 21.2 18.1 27.1



#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:152 Resp: 17391
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.5 10.2 15.4





#17

Acenaphthene

Concen: 0.336 ng

RT: 14.51 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

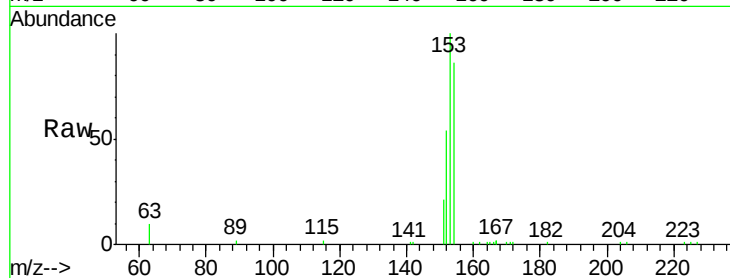
Tot Ion:154 Resp: 9788

Ion Ratio Lower Upper

154 100

153 113.7 94.7 142.1

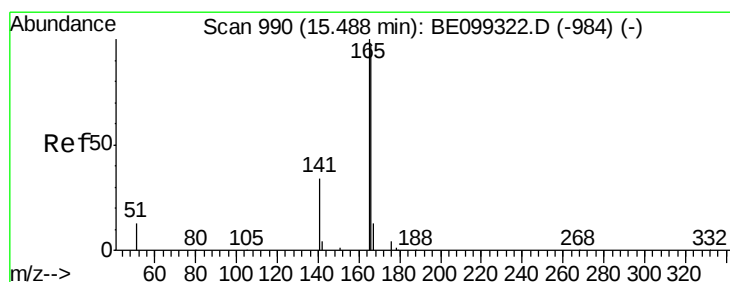
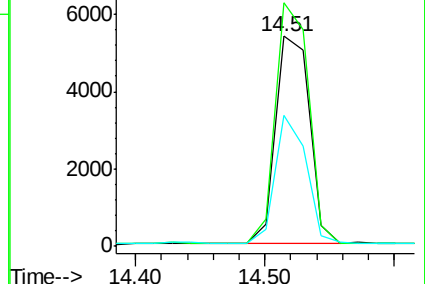
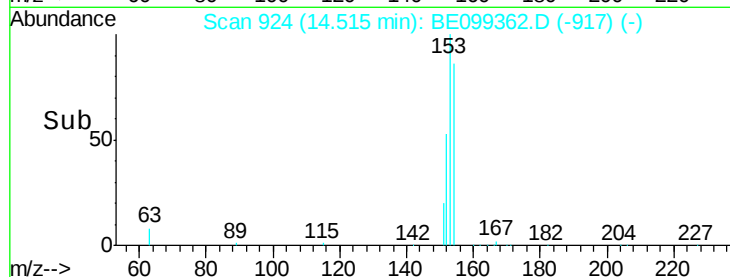
152 56.2 46.4 69.6



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: 0.351 ng

RT: 15.49 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

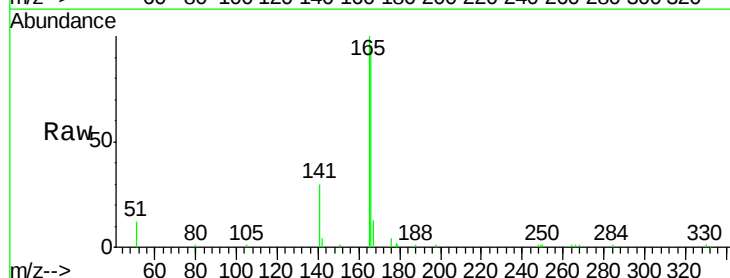
Tgt Ion:166 Resp: 14706

Ion Ratio Lower Upper

166 100

165 98.5 79.7 119.5

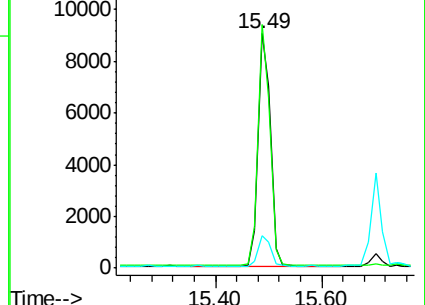
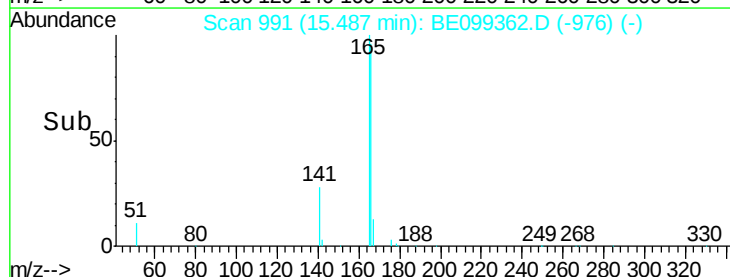
167 13.7 11.0 16.4

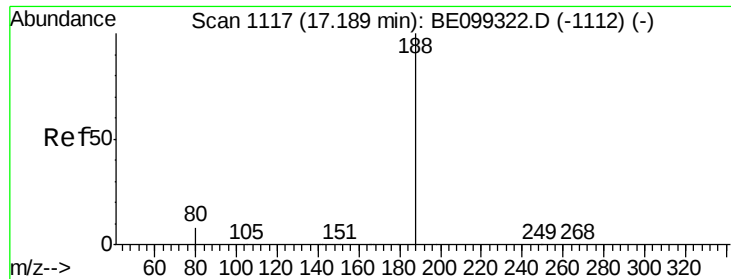


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

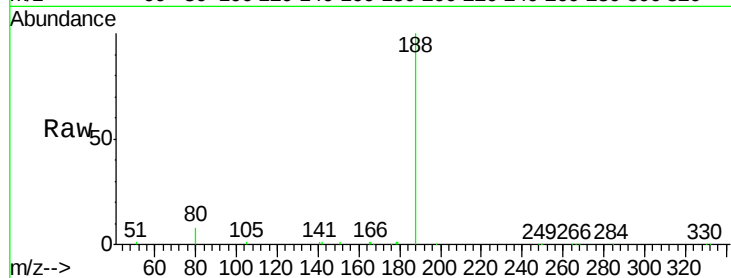
Tot Ion:188 Resp: 30339

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

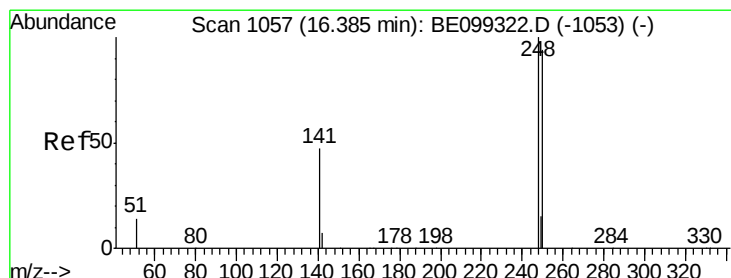
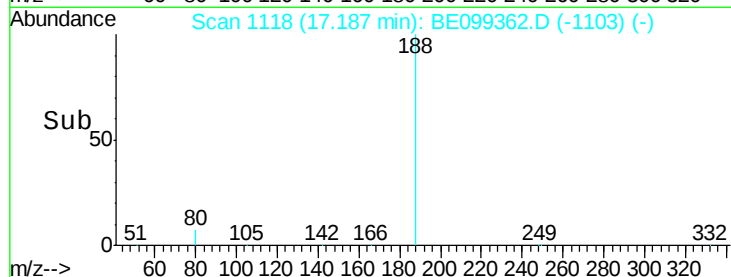
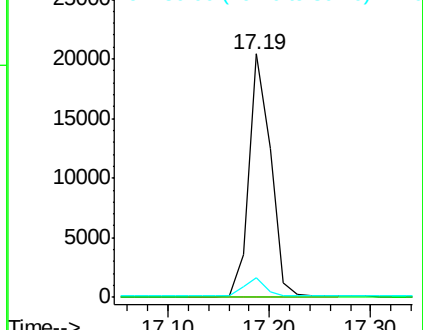
80 8.0 6.2 9.4



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: 0.347 ng

RT: 16.38 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

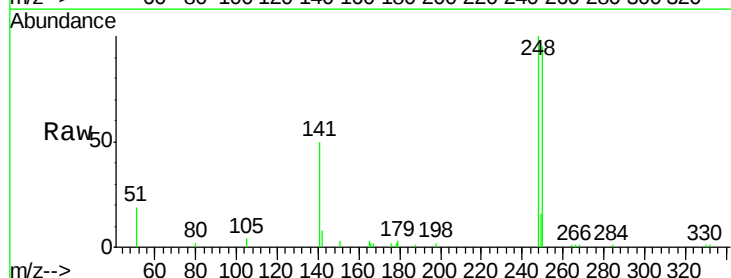
Tgt Ion:248 Resp: 5841

Ion Ratio Lower Upper

248 100

250 94.9 77.0 115.6

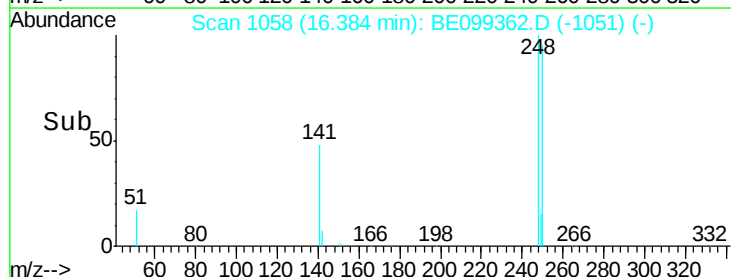
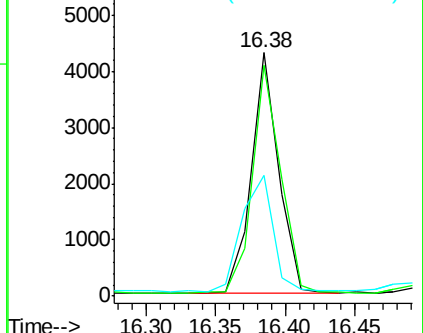
141 49.7 31.1 46.7#

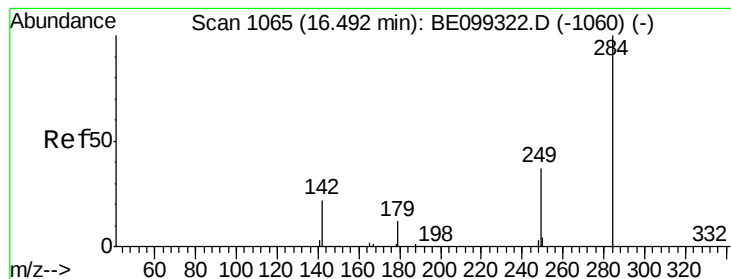


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.339 ng

RT: 16.49 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

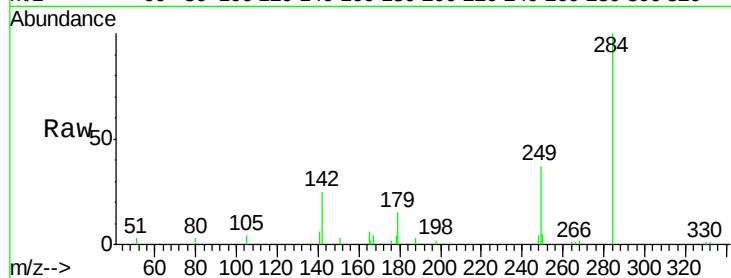
Tot Ion:284 Resp: 5481

Ion Ratio Lower Upper

284 100

142 27.6 21.8 32.6

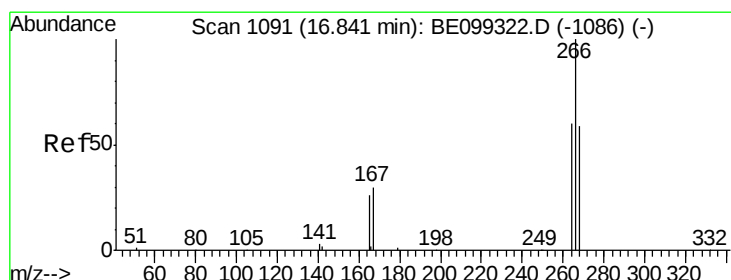
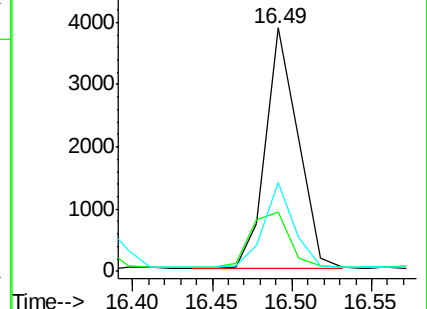
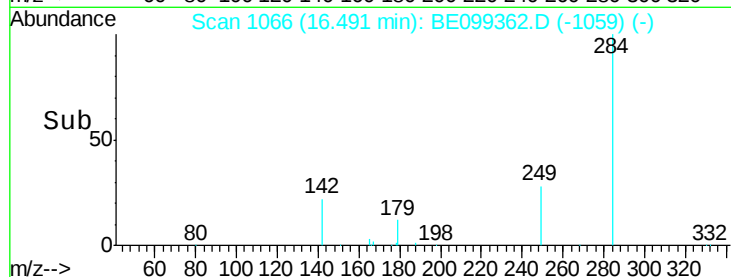
249 32.9 26.2 39.4



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: 1.311 ng

RT: 16.84 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

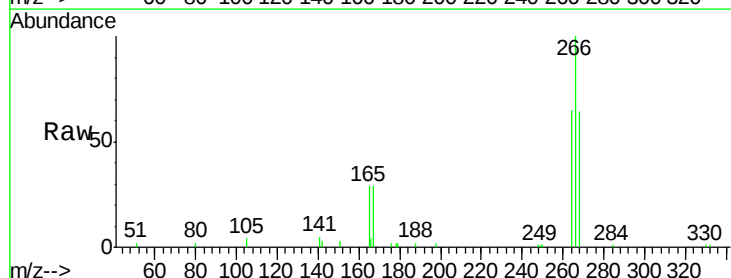
Tgt Ion:266 Resp: 7114

Ion Ratio Lower Upper

266 100

264 64.5 54.5 81.7

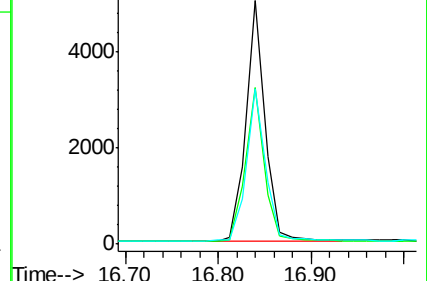
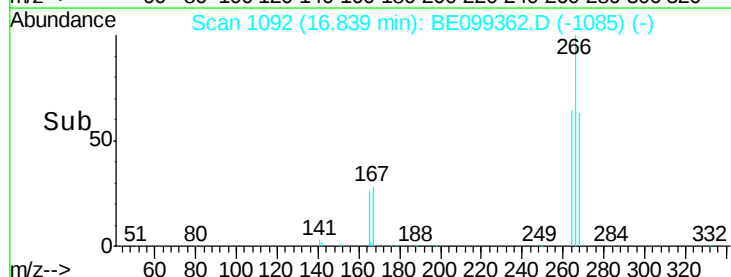
268 63.7 54.3 81.5

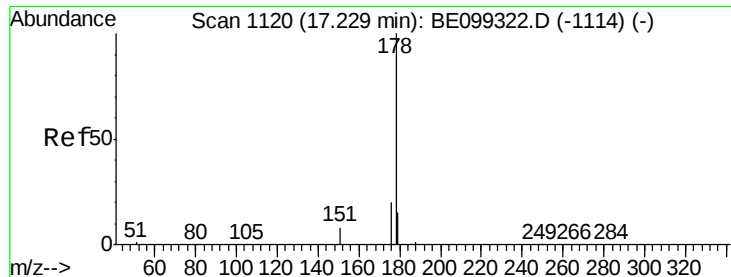


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.451 ng

RT: 17.23 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

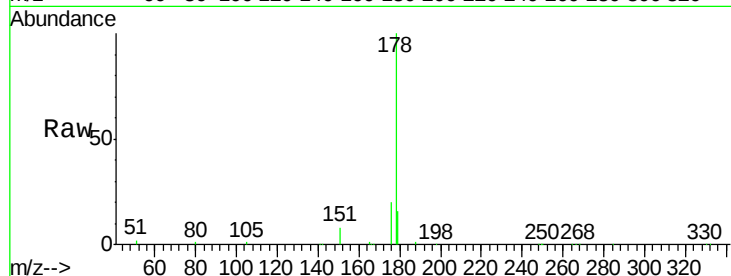
Tot Ion:178 Resp: 36231

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

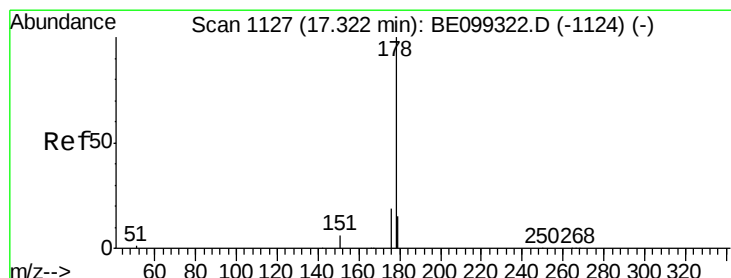
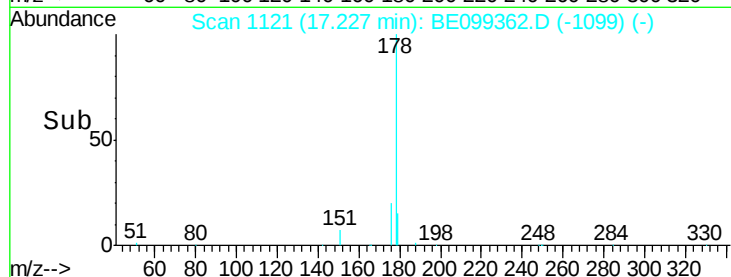
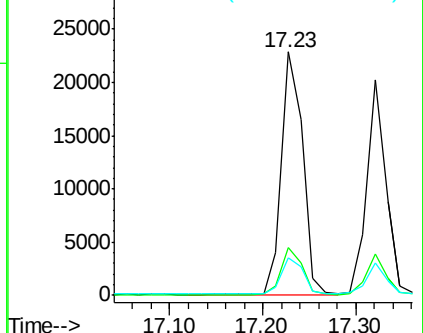
179 16.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.397 ng

RT: 17.32 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

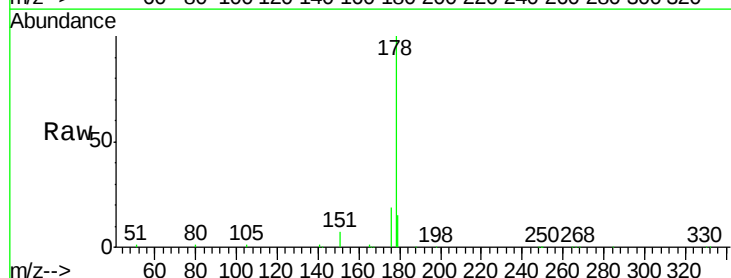
Tgt Ion:178 Resp: 28388

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

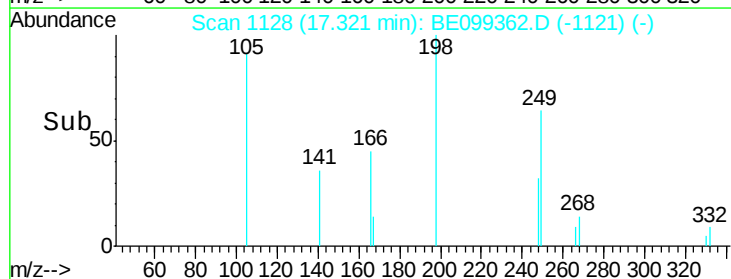
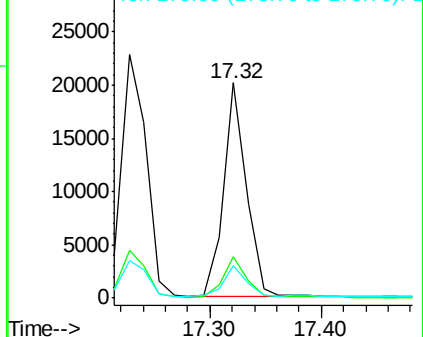
179 14.3 11.9 17.9

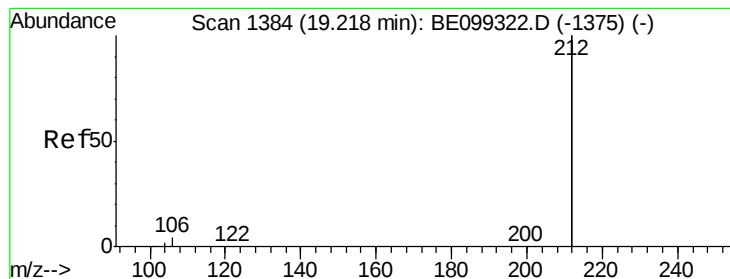


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

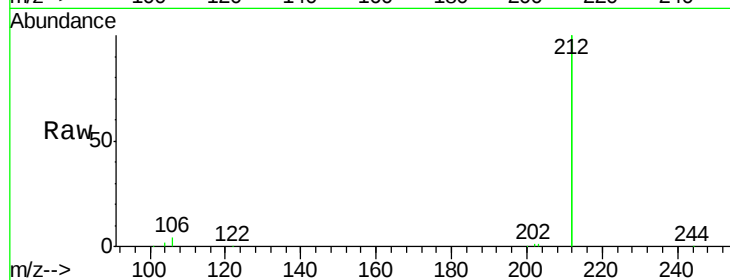
Tot Ion:212 Resp: 120685

Ion Ratio Lower Upper

212 100

106 2.0 1.8 2.6

104 1.2 1.0 1.4



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

120000

100000

80000

60000

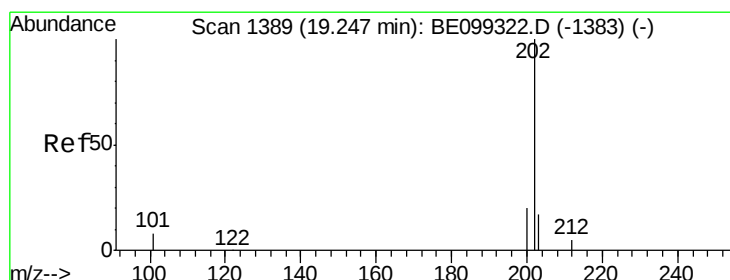
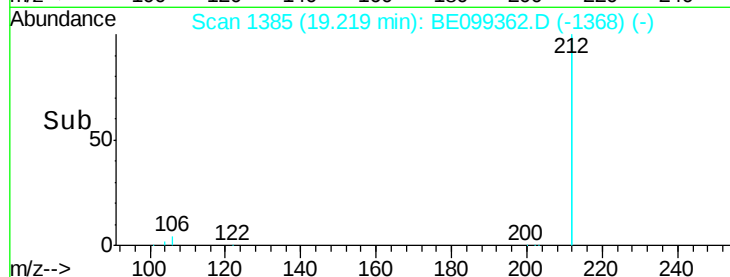
40000

20000

0

19.10 19.20 19.30

Time-->



#26

Fluoranthene

Concen: 0.583 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

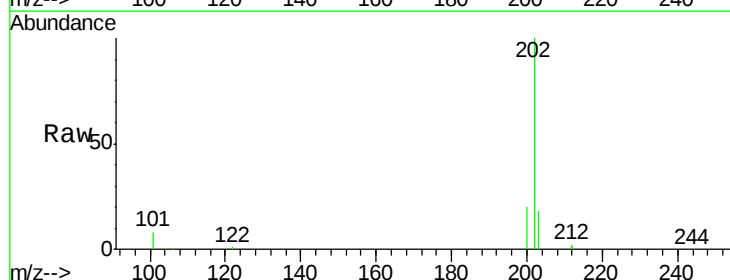
Tgt Ion:202 Resp: 62702

Ion Ratio Lower Upper

202 100

101 7.5 6.4 9.6

203 17.3 13.5 20.3



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

60000

50000

40000

30000

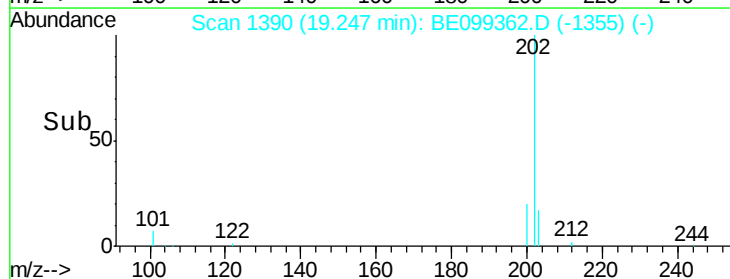
20000

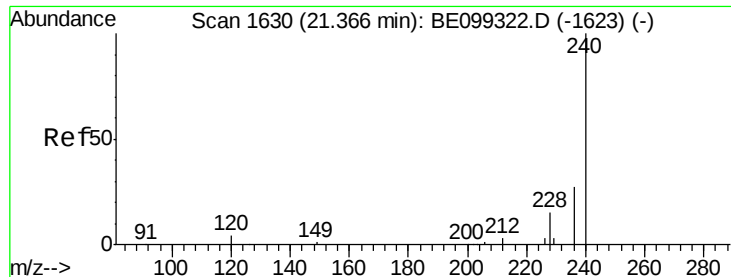
10000

0

19.20 19.30

Time-->

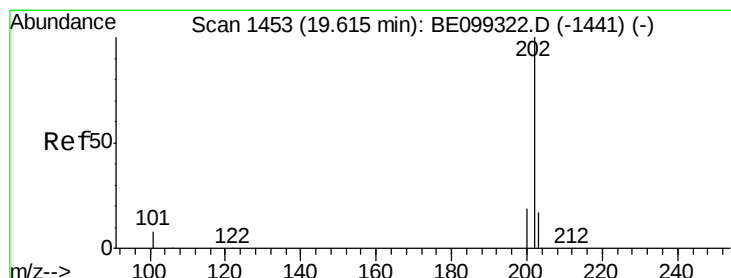
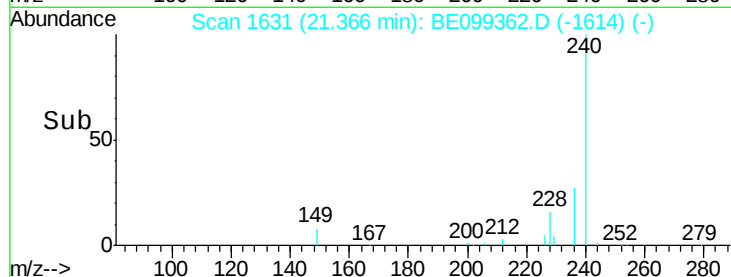
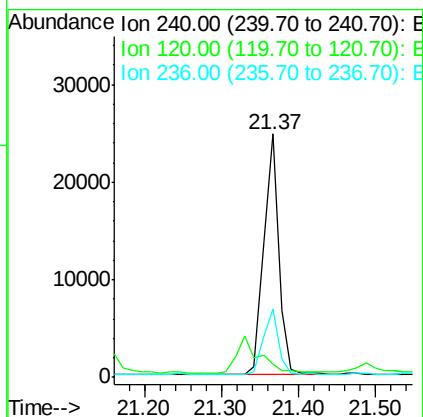
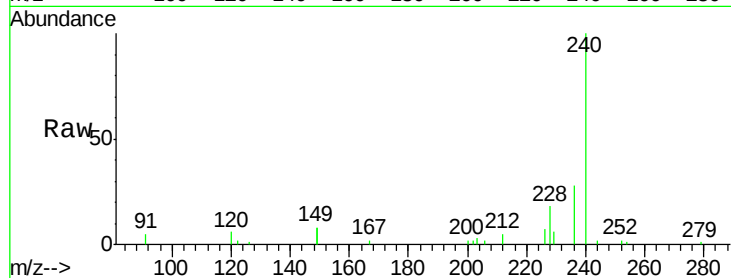




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

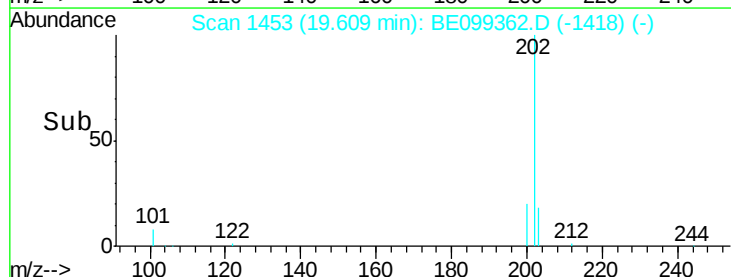
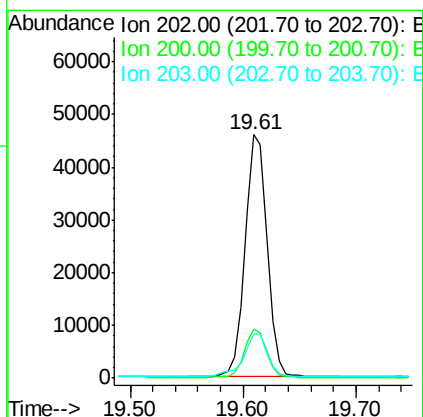
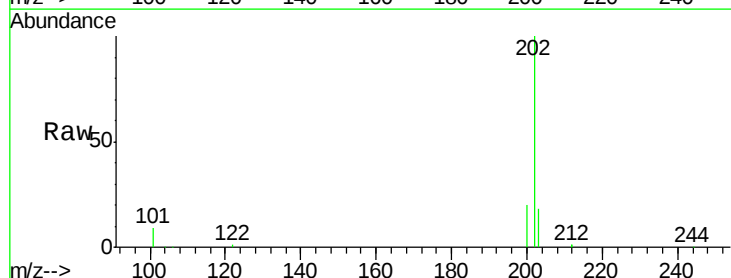
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MS

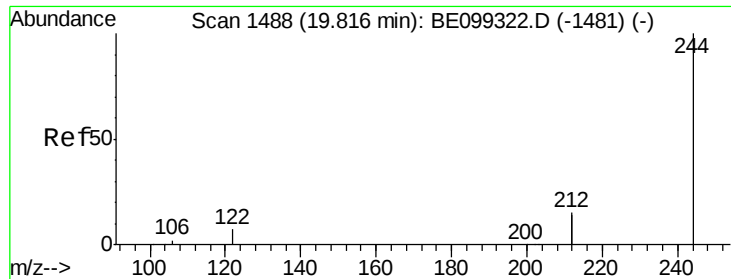
Tot Ion:240 Resp: 34155
Ion Ratio Lower Upper
240 100
120 5.7 2.2 3.2#
236 28.2 20.2 30.4



#28
Pyrene
Concen: 0.628 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:202 Resp: 63205
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 19.5 13.7 20.5





#29

Terphenyl-d14

Concen: 0.309 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

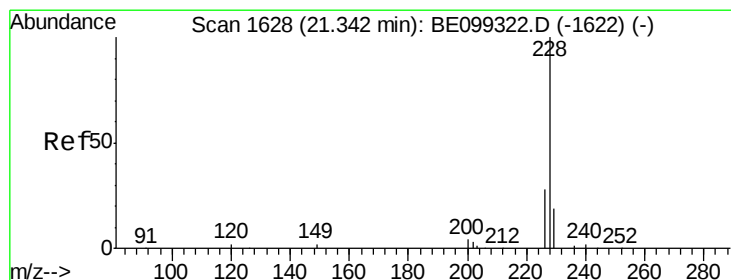
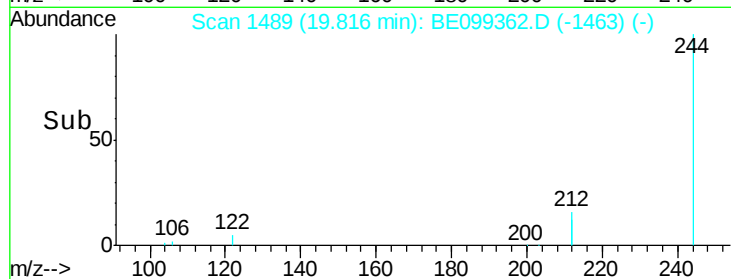
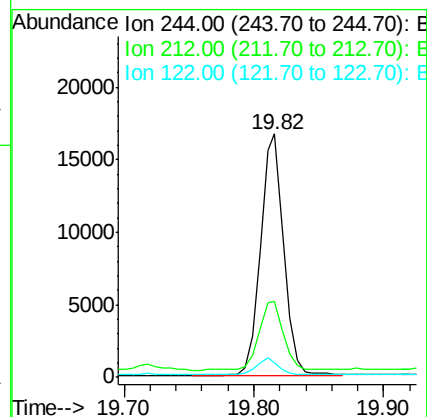
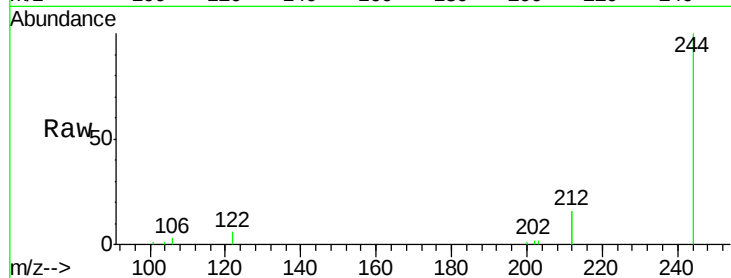
Tot Ion:244 Resp: 20784

Ion Ratio Lower Upper

244 100

212 31.4 22.6 33.8

122 6.2 4.6 7.0



#30

Benzo(a)anthracene

Concen: 0.602 ng

RT: 21.34 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

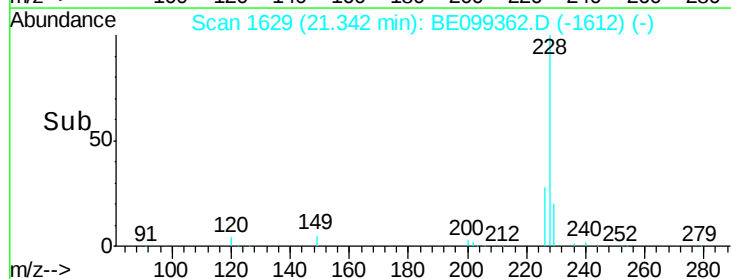
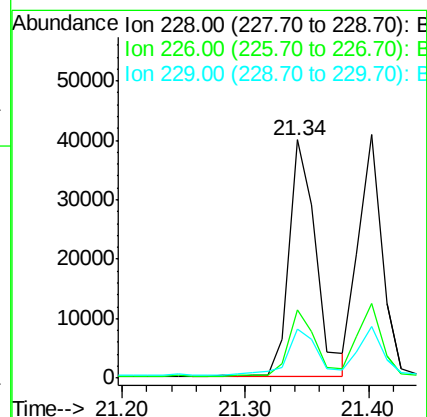
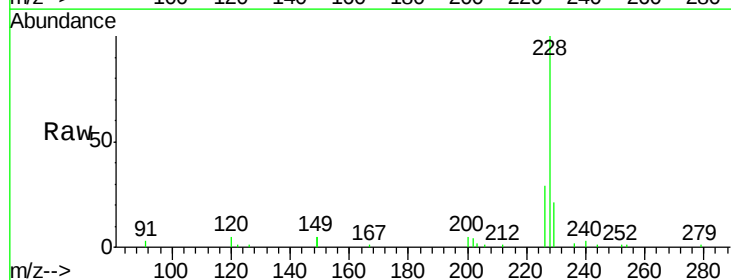
Tgt Ion:228 Resp: 60415

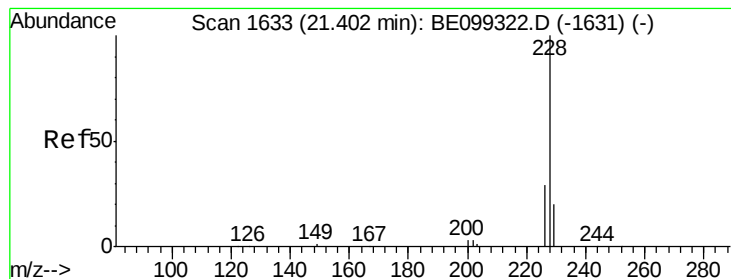
Ion Ratio Lower Upper

228 100

226 28.7 22.0 33.0

229 20.7 15.8 23.8





#31

Chrysene

Concen: 0.506 ng

RT: 21.40 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

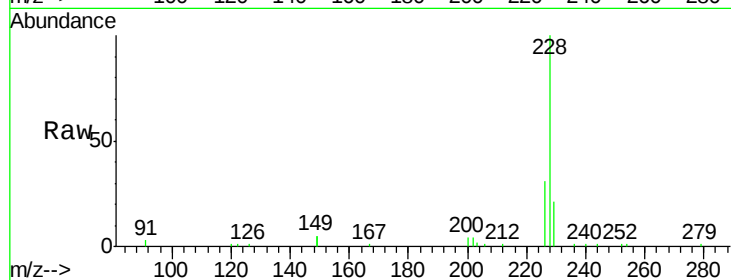
Tot Ion:228 Resp: 54087

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

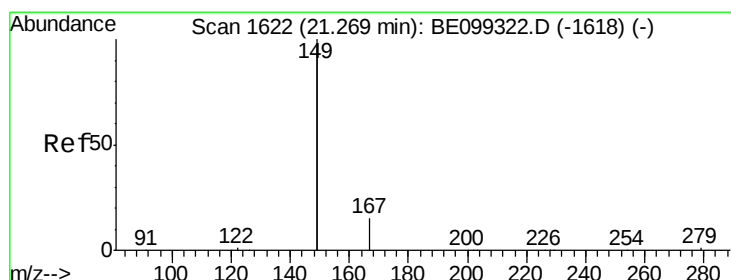
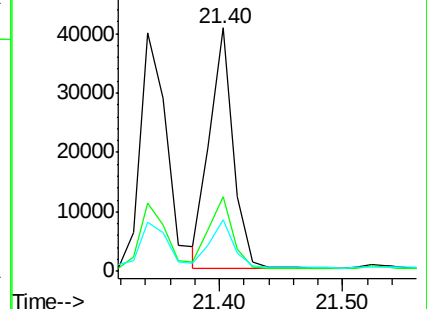
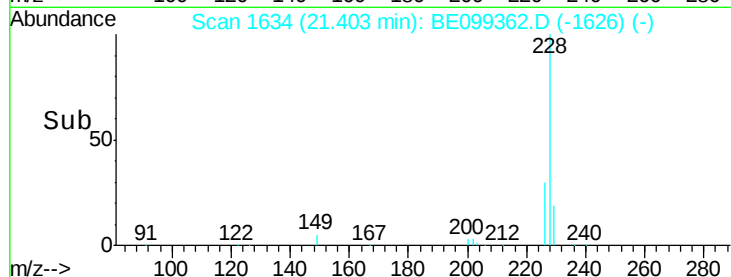
229 21.0 16.2 24.2



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: 1.914 ng

RT: 21.27 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

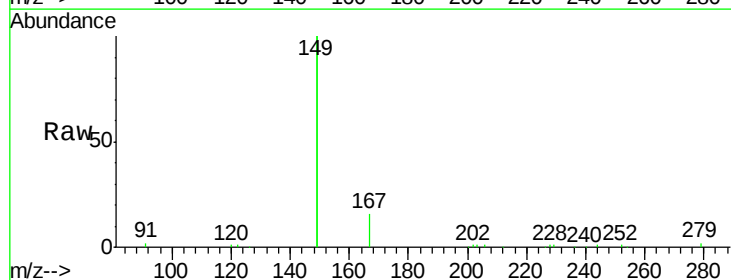
Tgt Ion:149 Resp: 174917

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

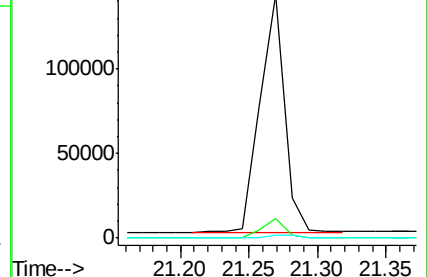
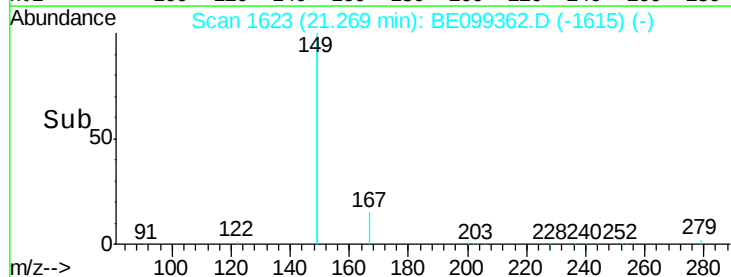
279 1.3 1.1 1.7

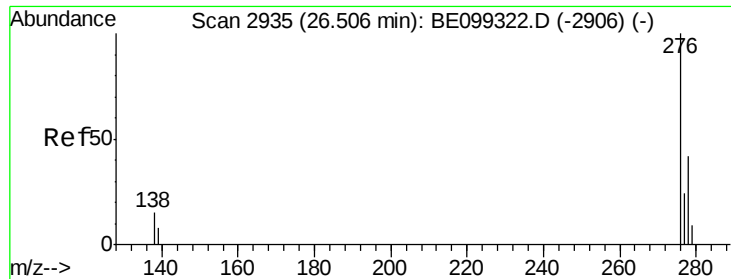


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

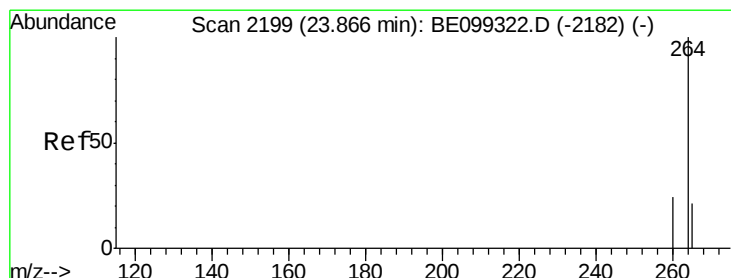
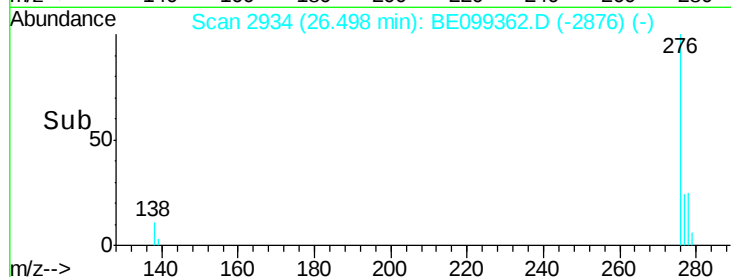
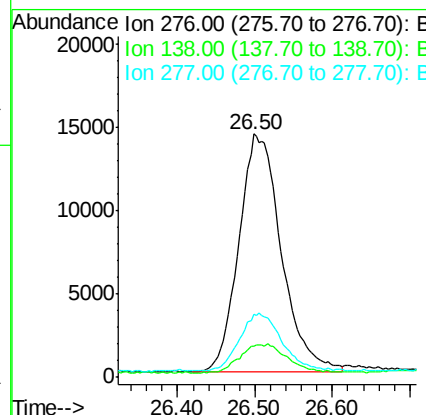
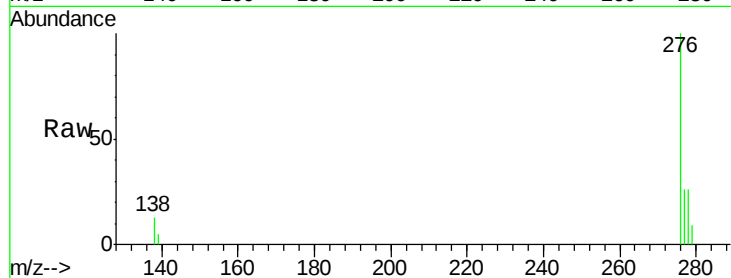




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

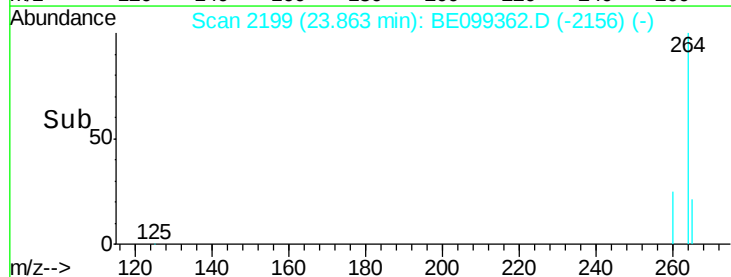
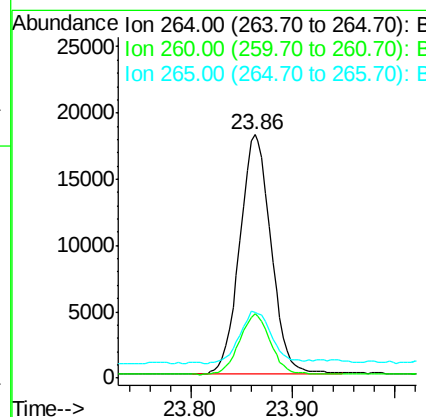
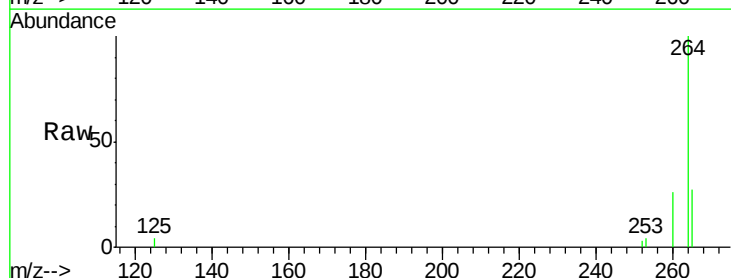
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MS

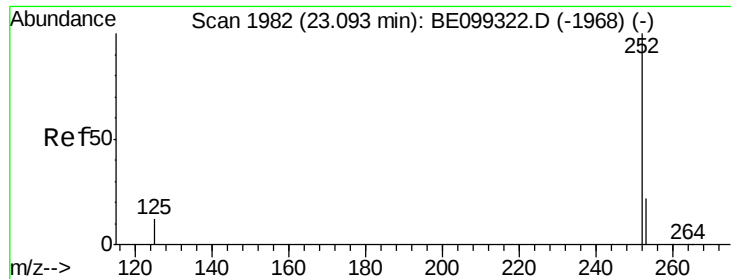
Tot Ion:276 Resp: 54041
Ion Ratio Lower Upper
276 100
138 13.2 12.7 19.1
277 24.2 19.6 29.4



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE099362.D
Acq: 25 Apr 2019 15:38

Tgt Ion:264 Resp: 38765
Ion Ratio Lower Upper
264 100
260 26.4 20.1 30.1
265 27.2 19.9 29.9





#35

Benzo(b)fluoranthene

Concen: 0.482 ng

RT: 23.09 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

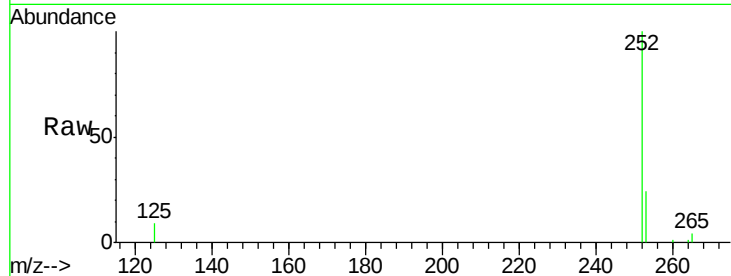
Tot Ion:252 Resp: 57199

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

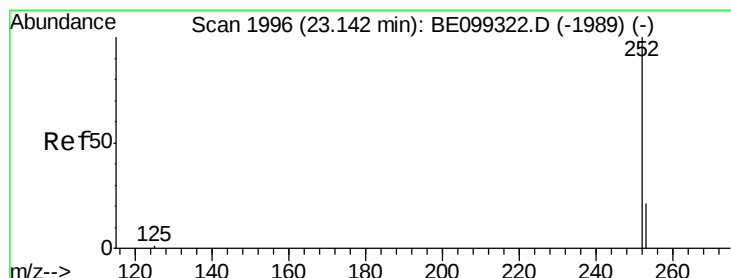
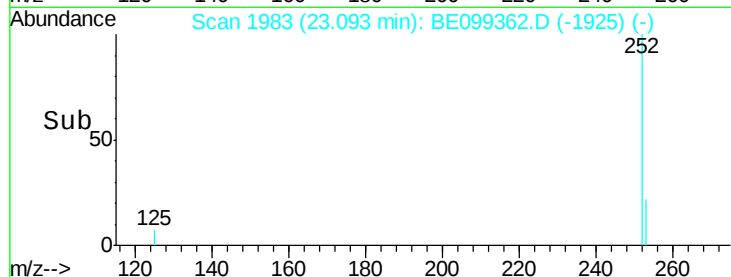
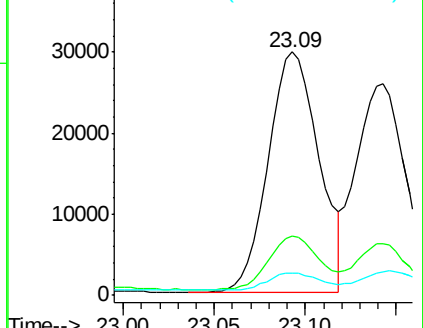
125 9.0 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.423 ng

RT: 23.14 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

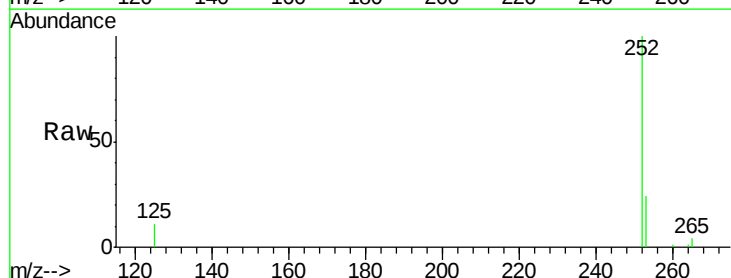
Tgt Ion:252 Resp: 50024

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

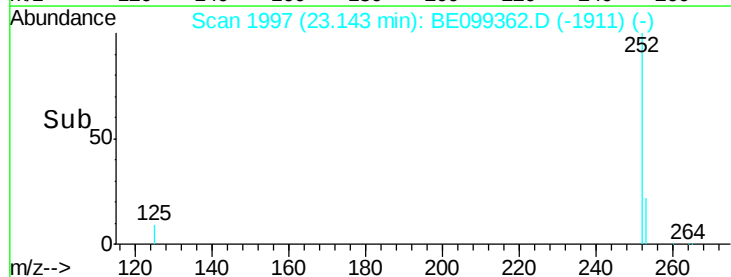
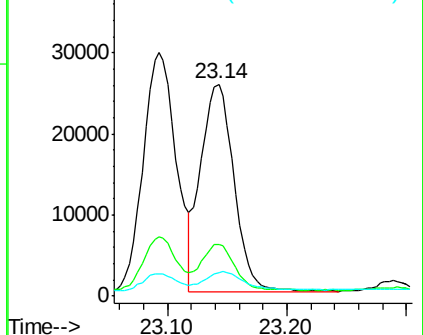
125 11.1 5.4 8.0#

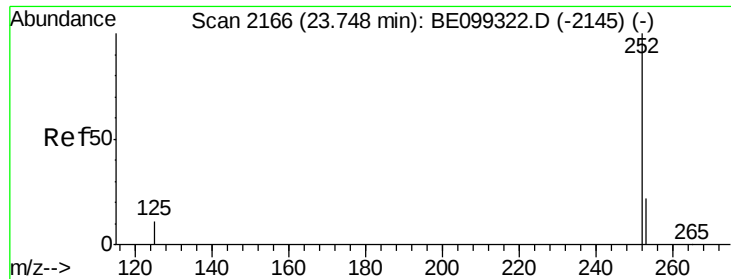


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.484 ng

RT: 23.75 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS

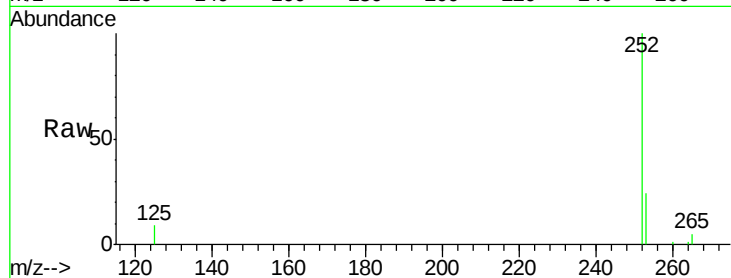
Tot Ion:252 Resp: 51481

Ion Ratio Lower Upper

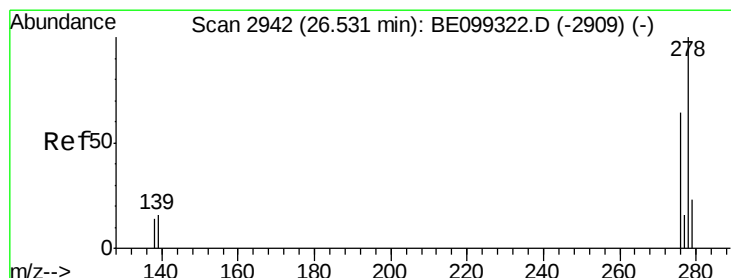
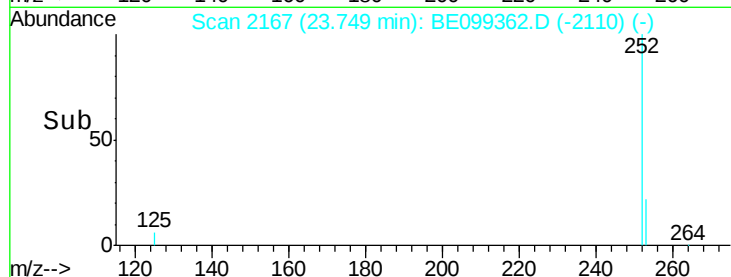
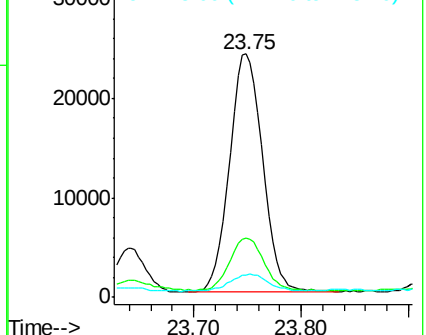
252 100

253 24.5 17.6 26.4

125 9.0 6.5 9.7



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: 0.361 ng

RT: 26.53 min Scan# 2943

Delta R.T. 0.01 min

Lab File: BE099362.D

Acq: 25 Apr 2019 15:38

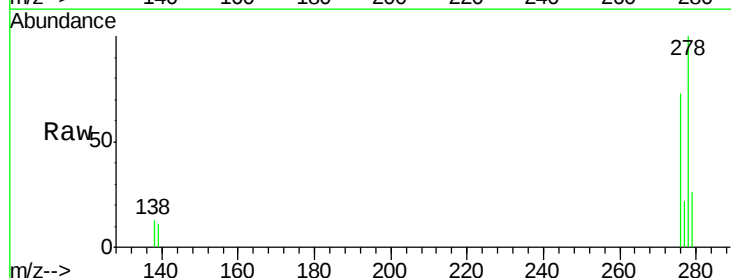
Tgt Ion:278 Resp: 39215

Ion Ratio Lower Upper

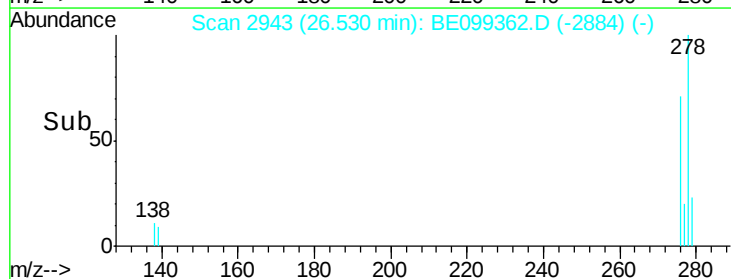
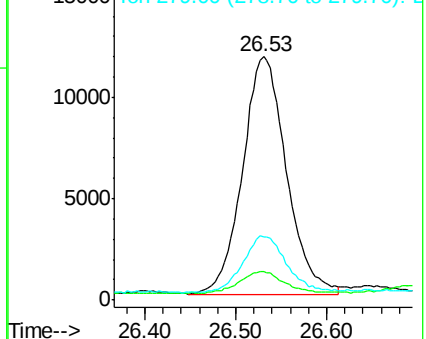
278 100

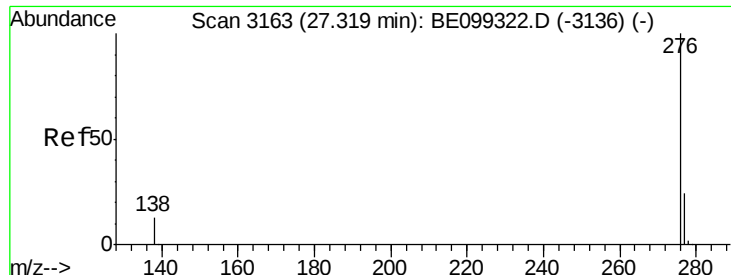
139 11.5 8.5 12.7

279 26.0 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.416 ng

RT: 27.32 min Scan# 3165

Delta R.T. 0.02 min

Lab File: BE099362.D

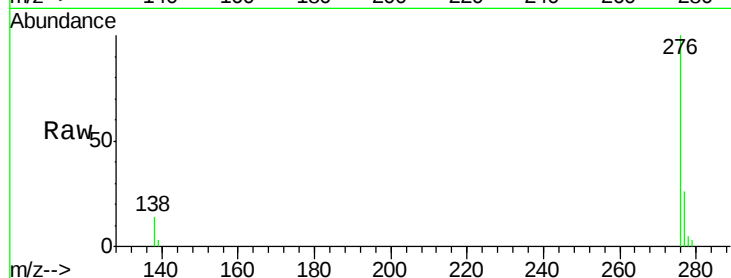
Acq: 25 Apr 2019 15:38

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MS



Tot Ion: 276 Resp: 45861

Ion Ratio Lower Upper

276 100

277 26.0 20.0 30.0

138 13.6 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

