

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099338.D
 Acq On : 18 Apr 2019 15:34
 Operator : JU/SJ
 Sample : PB118927BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118927BS

Quant Time: Apr 19 07:02:24 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	7.82	152	3768	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14316	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9926	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29472	0.40	ng	0.00
27) Chrysene-d12	21.37	240	34795	0.40	ng	0.00
34) Perylene-d12	23.86	264	33606	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3722	0.40	ng	0.00
5) Phenol-d6	6.98	99	5319	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	4487	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	10389	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1339	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16210	0.42	ng	0.00
25) Fluoranthene-d10	19.22	212	137837	0.39	ng	0.00
29) Terphenyl-d14	19.82	244	27787	0.41	ng	0.00

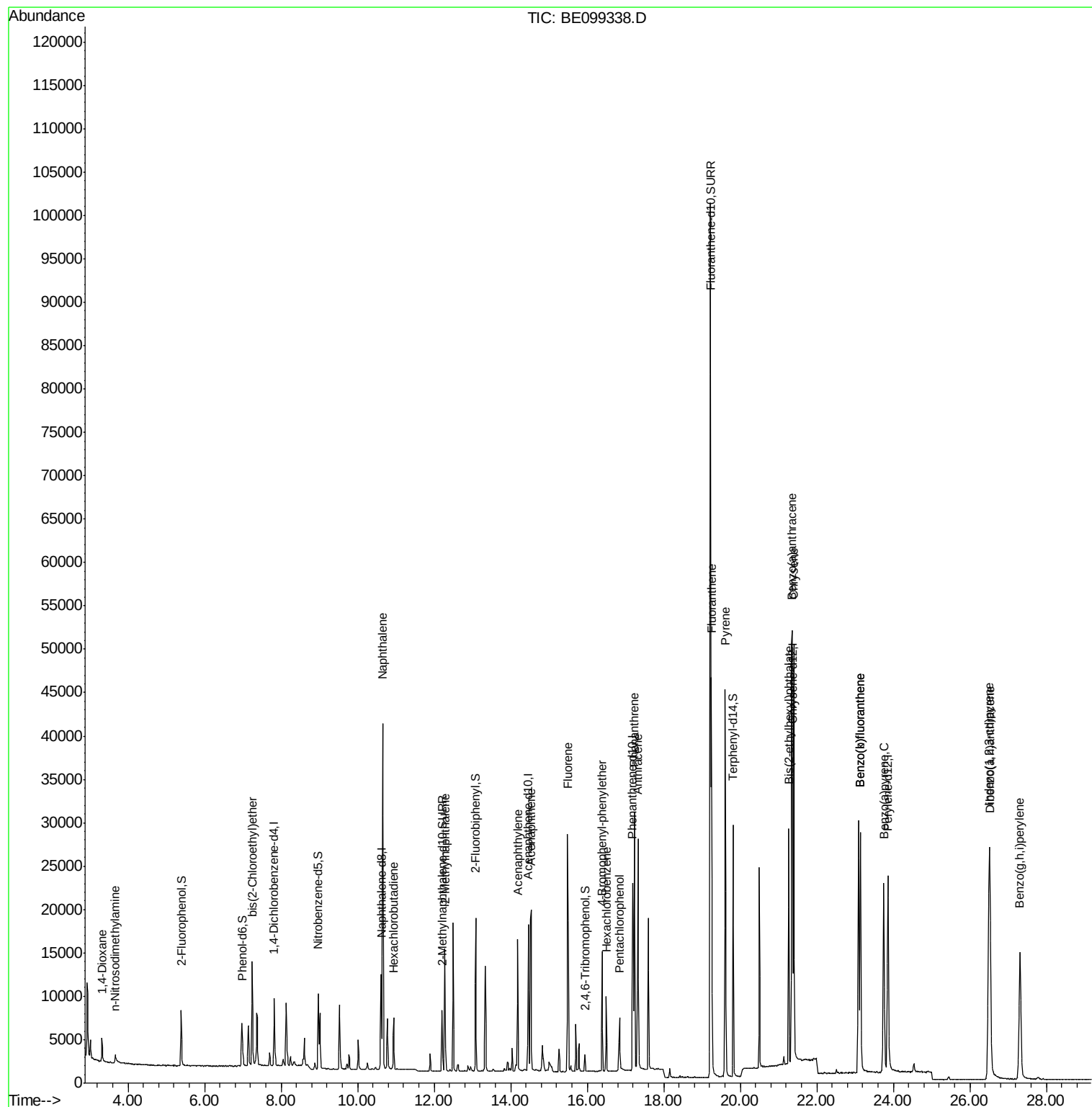
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2241	0.425	ng	94
3) n-Nitrosodimethylamine	3.65	42	949	0.334	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	4928	0.402	ng	99
9) Naphthalene	10.65	128	64542	0.413	ng	100
10) Hexachlorobutadiene	10.94	225	4152	0.419	ng	98
12) 2-Methylnaphthalene	12.28	142	10806	0.407	ng	95
16) Acenaphthylene	14.18	152	17589	0.392	ng	99
17) Acenaphthene	14.53	154	11526	0.417	ng	96
18) Fluorene	15.49	166	16201	0.408	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	6565	0.402	ng	# 94
21) Hexachlorobenzene	16.49	284	6378	0.406	ng	97
22) Pentachlorophenol	16.84	266	3554	0.781	ng	99
23) Phenanthrene	17.23	178	31510	0.404	ng	99
24) Anthracene	17.32	178	27665	0.398	ng	98
26) Fluoranthene	19.25	202	41161	0.394	ng	100
28) Pyrene	19.61	202	41606	0.406	ng	99
30) Benzo(a)anthracene	21.34	228	41458	0.405	ng	99
31) Chrysene	21.40	228	43552	0.400	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	32920	0.354	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	45566	0.424	ng	100
35) Benzo(b)fluoranthene	23.14	252	40898	0.398	ng	99
36) Benzo(k)fluoranthene	23.14	252	40898	0.399	ng	98
37) Benzo(a)pyrene	23.75	252	36384	0.395	ng	# 96
38) Dibenzo(a,h)anthracene	26.53	278	37561	0.399	ng	98
39) Benzo(g,h,i)perylene	27.31	276	38080	0.399	ng	98

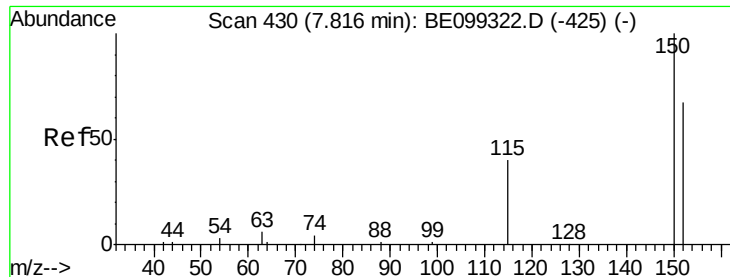
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

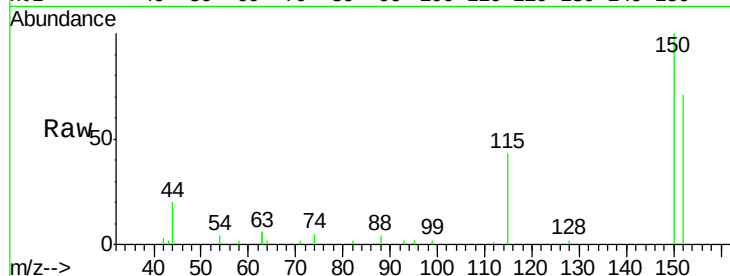
Tgt Ion:152 Resp: 3768

Ion Ratio Lower Upper

152 100

150 139.9 119.5 179.3

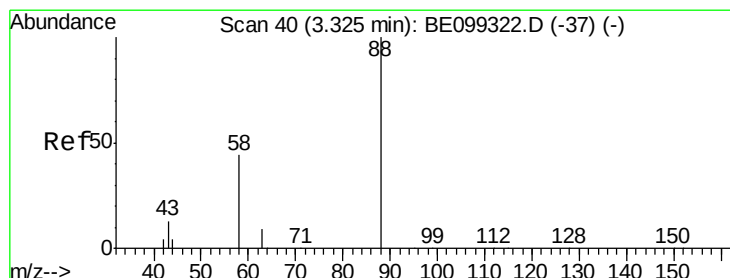
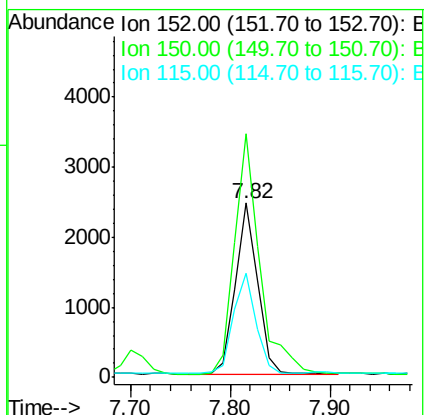
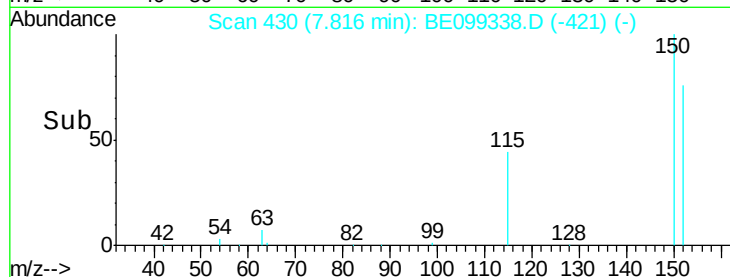
115 59.6 47.5 71.3



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: 0.425 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

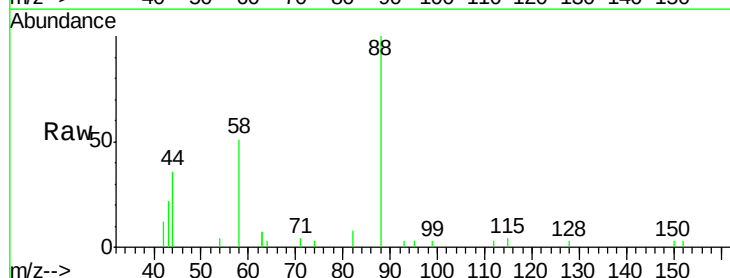
Tgt Ion: 88 Resp: 2241

Ion Ratio Lower Upper

88 100

58 55.9 49.1 73.7

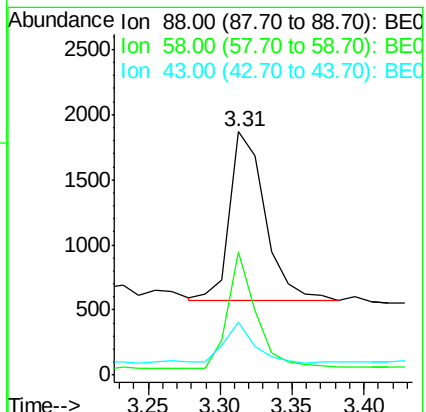
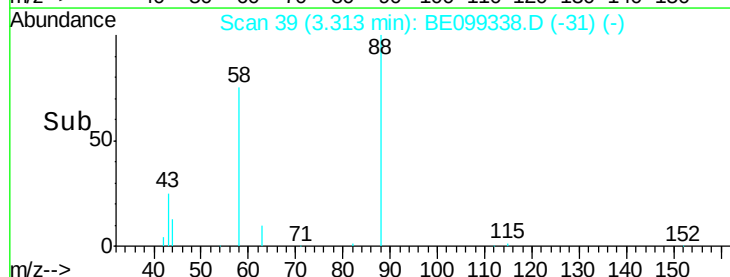
43 20.8 17.9 26.9

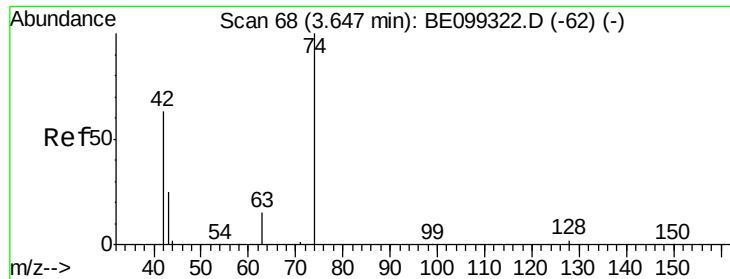


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.334 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

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Instrument :

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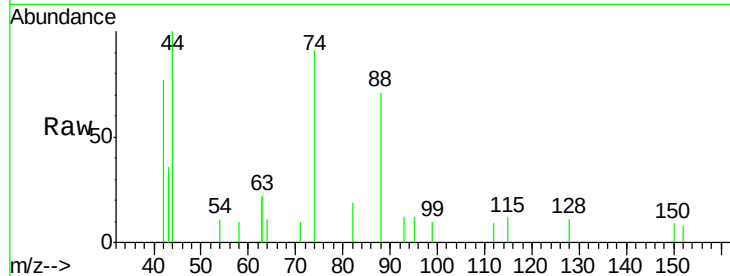
Tgt Ion: 42 Resp: 949

Ion Ratio Lower Upper

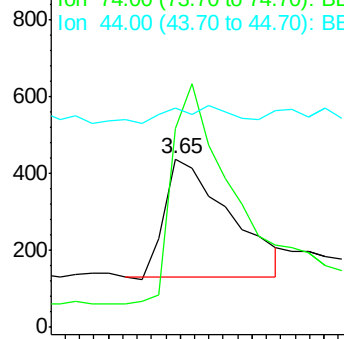
42 100

74 0.0 145.8 218.8#

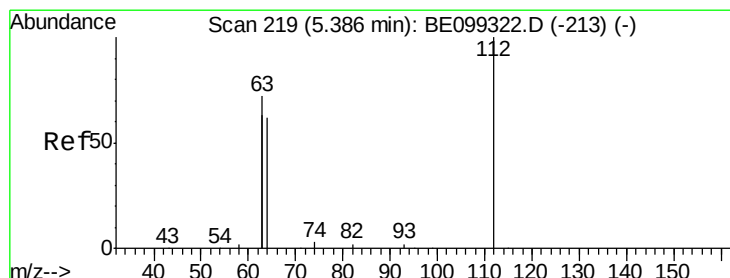
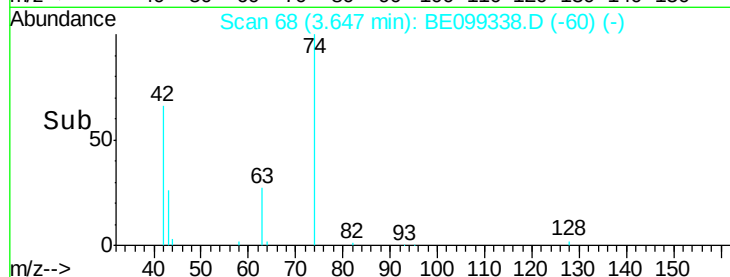
44 0.0 9.0 13.4#



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



Time-->



#4

2-Fluorophenol

Concen: 0.404 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

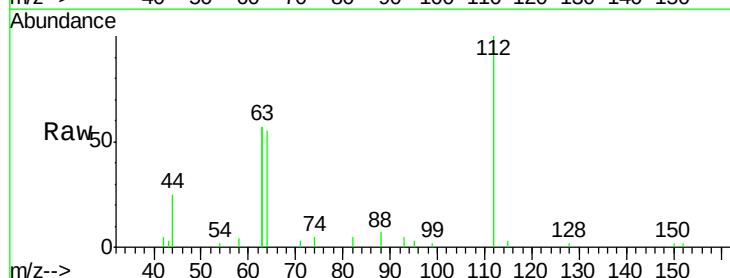
Tgt Ion: 112 Resp: 3722

Ion Ratio Lower Upper

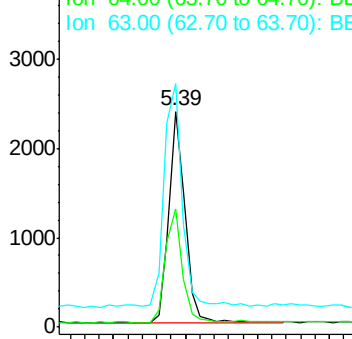
112 100

64 57.4 44.9 67.3

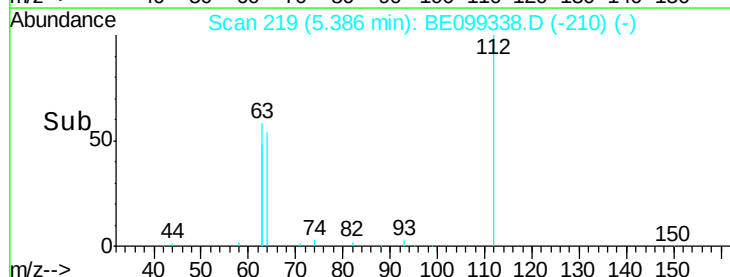
63 116.4 97.4 146.0

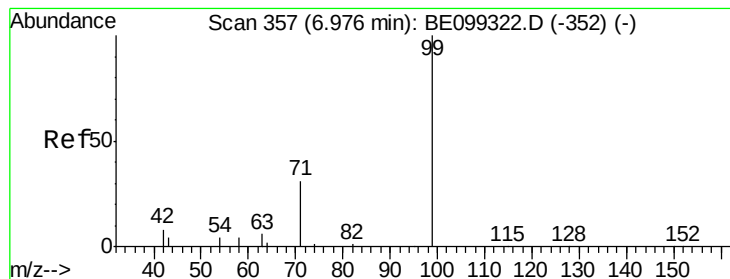


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.405 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

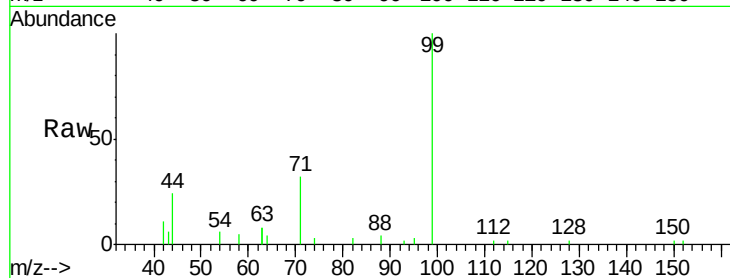
Tgt Ion: 99 Resp: 5319

Ion Ratio Lower Upper

99 100

42 15.4 11.7 17.5

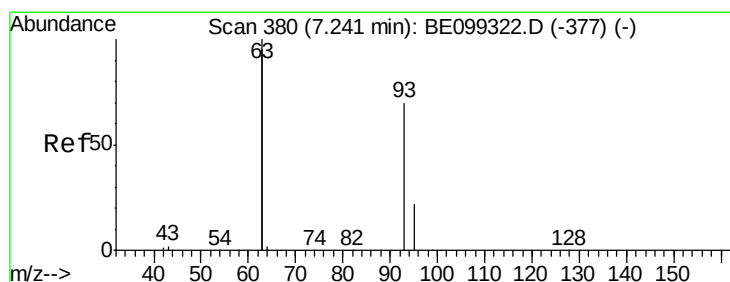
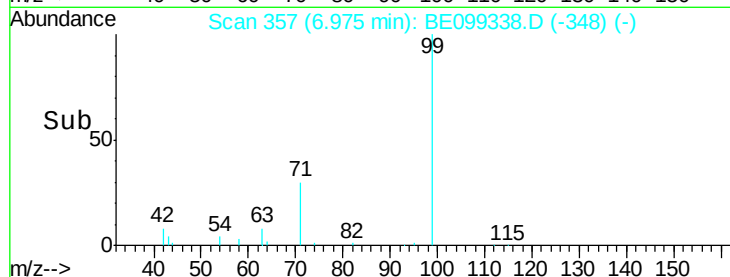
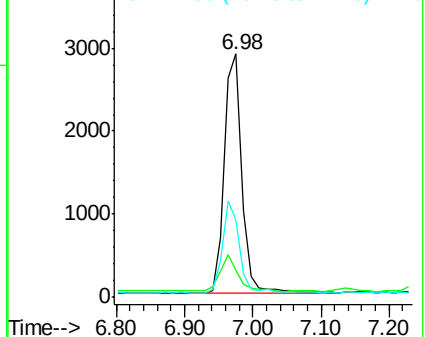
71 35.5 29.6 44.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

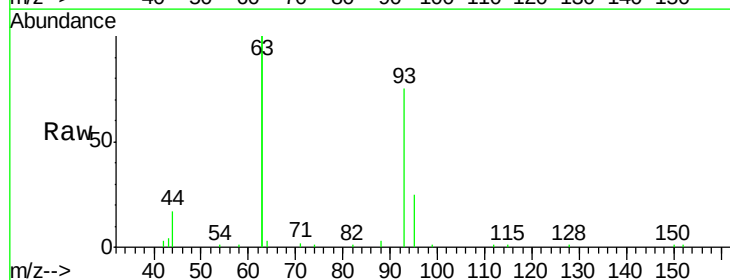
Tgt Ion: 93 Resp: 4928

Ion Ratio Lower Upper

93 100

63 272.3 216.6 324.8

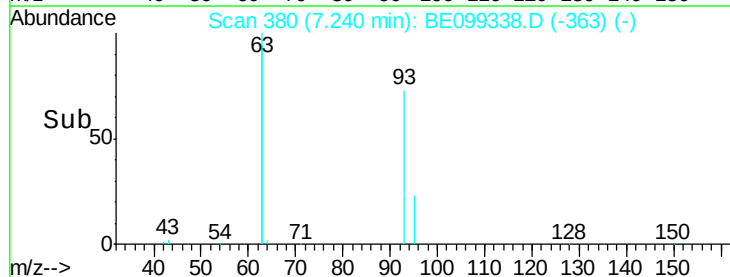
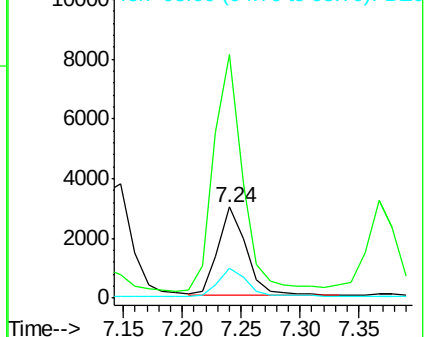
95 32.8 25.8 38.6

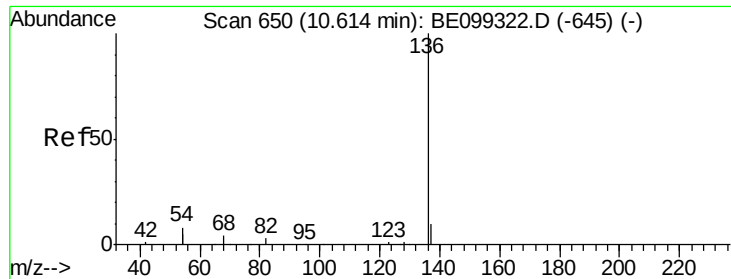


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

Tgt Ion:136 Resp: 14316

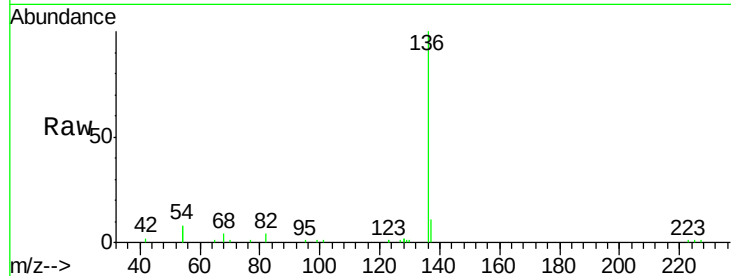
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 15.5 23.8 35.8#

68 4.1 6.4 9.6#

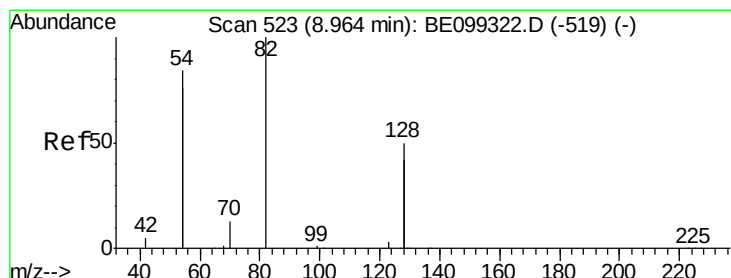
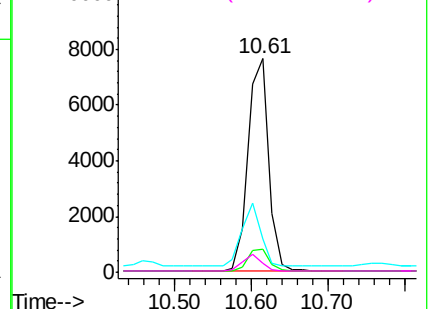
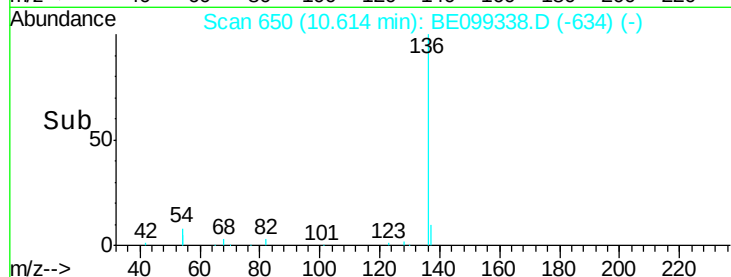


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

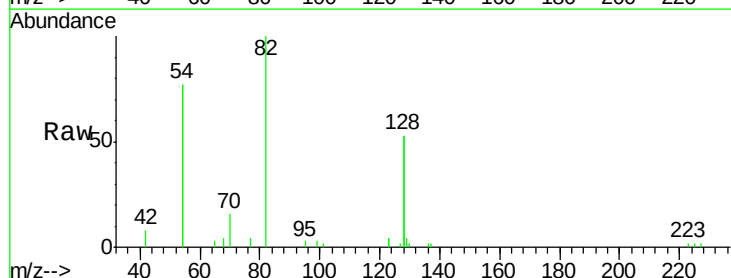
Tgt Ion: 82 Resp: 4487

Ion Ratio Lower Upper

82 100

128 105.7 91.7 137.5

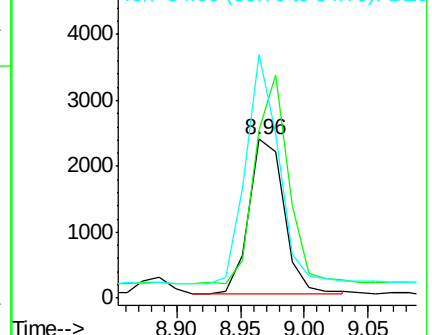
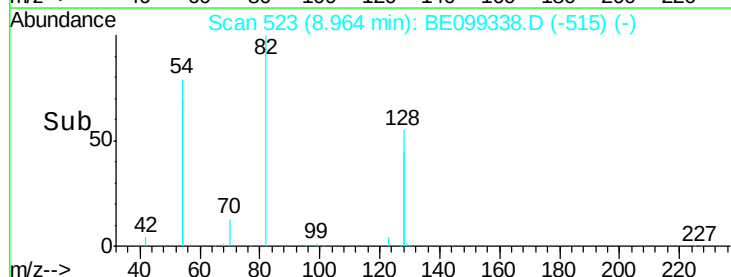
54 153.1 122.8 184.2

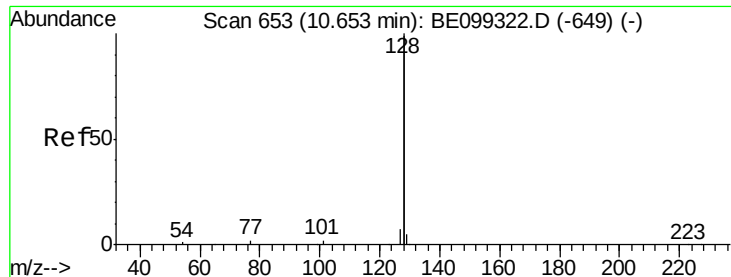


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

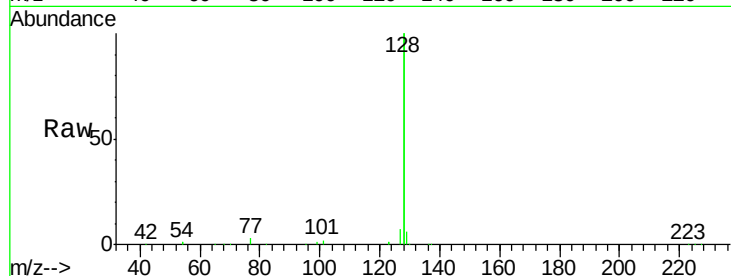
Tgt Ion:128 Resp: 64542

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

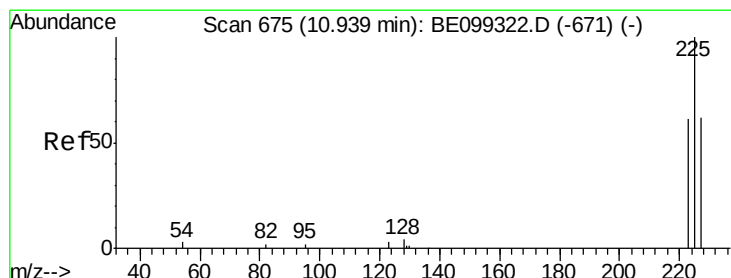
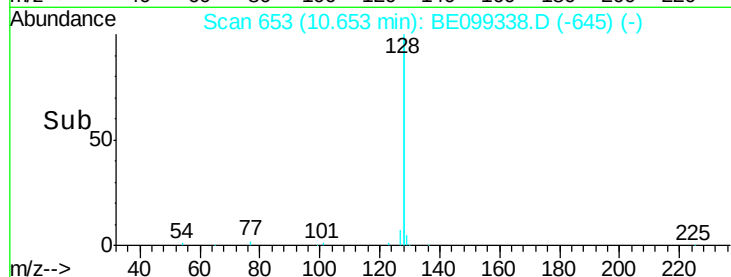
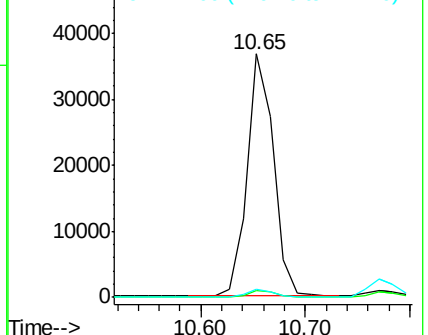
127 3.4 2.8 4.2



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: 0.419 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

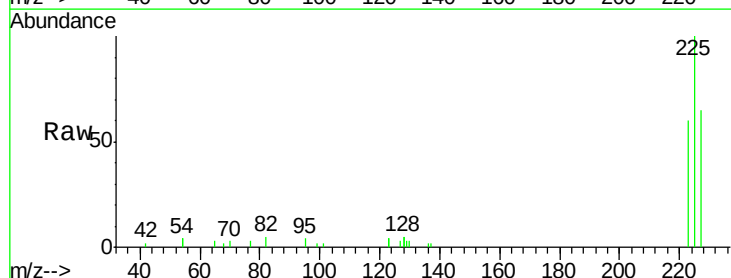
Tgt Ion:225 Resp: 4152

Ion Ratio Lower Upper

225 100

223 61.3 50.3 75.5

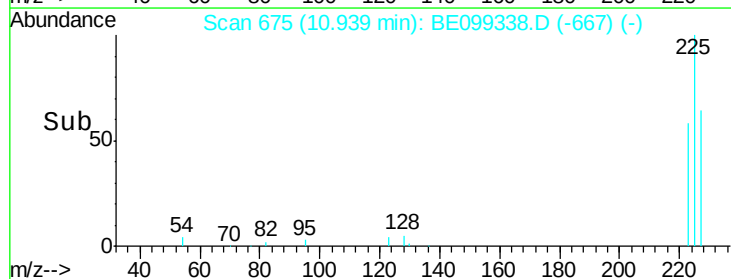
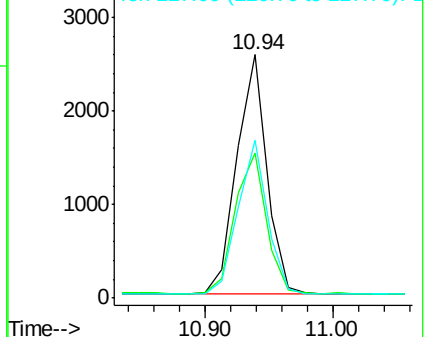
227 63.1 49.4 74.0

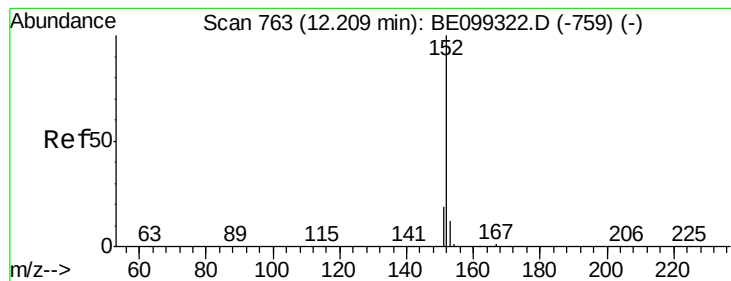


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

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ClientSampleId :

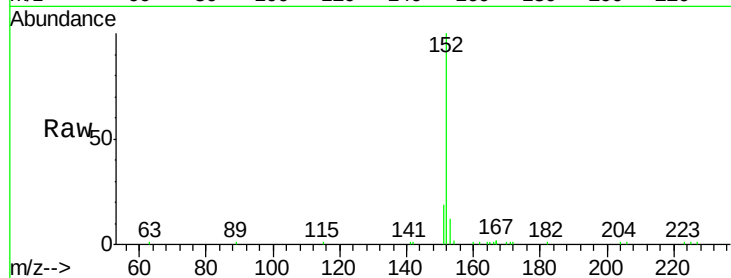
PB118927BS

Tgt Ion:152 Resp: 10389

Ion Ratio Lower Upper

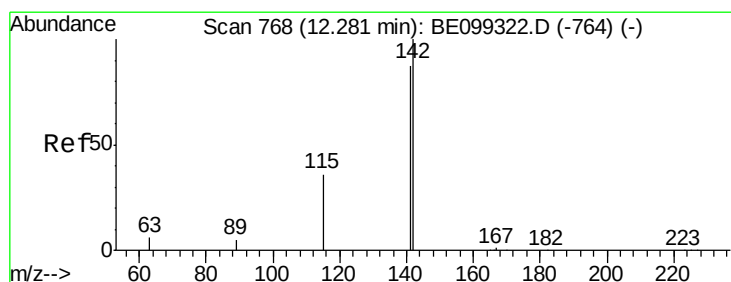
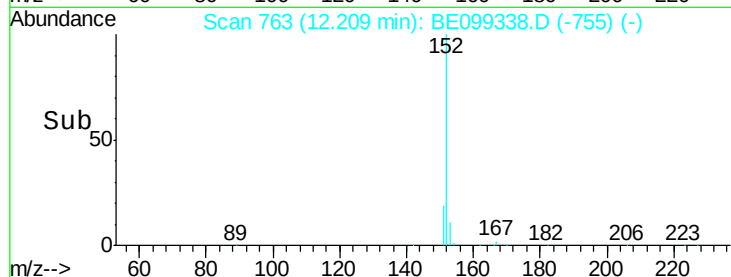
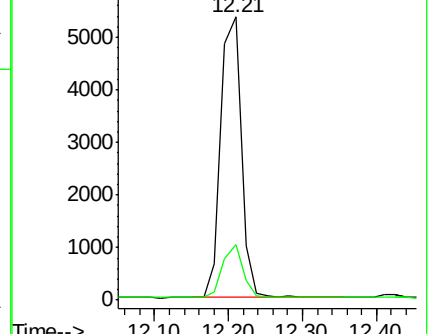
152 100

151 18.9 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: 0.407 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

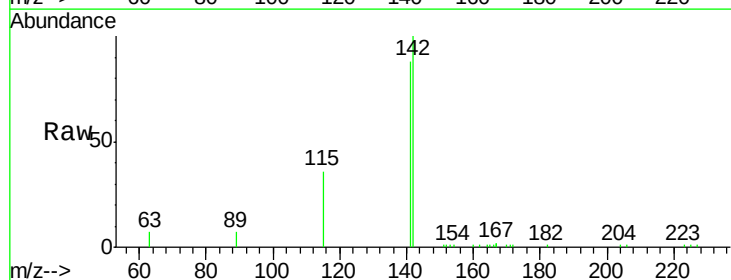
Tgt Ion:142 Resp: 10806

Ion Ratio Lower Upper

142 100

141 87.5 72.0 108.0

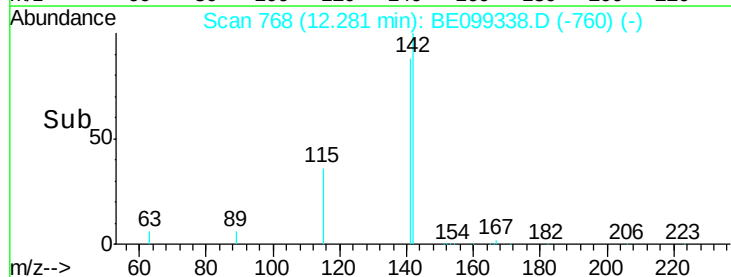
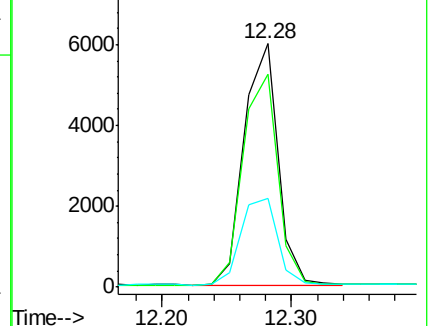
115 36.3 33.4 50.0

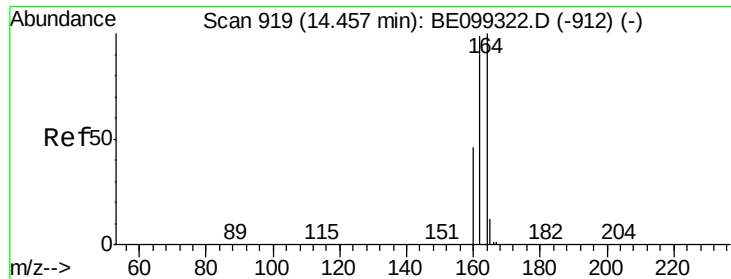


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099338.D

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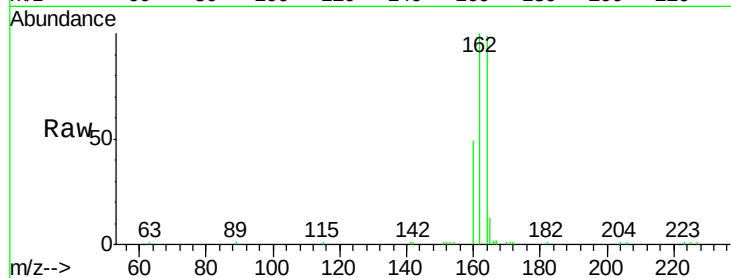
Tgt Ion:164 Resp: 9926

Ion Ratio Lower Upper

164 100

162 101.0 77.8 116.6

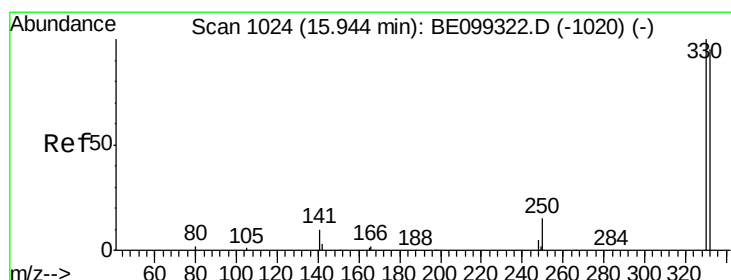
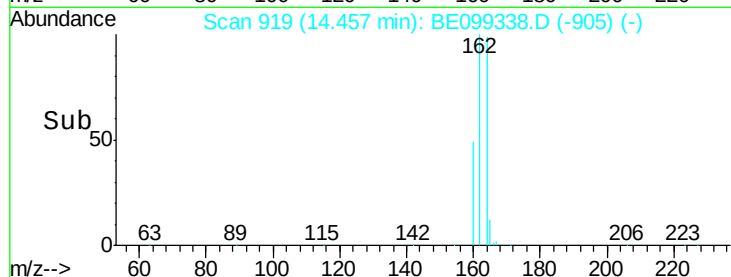
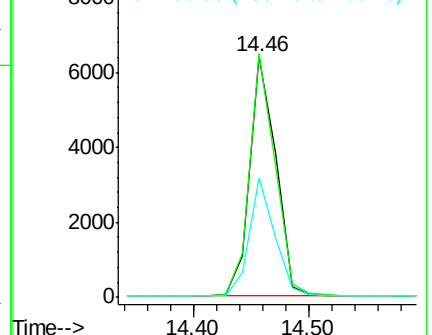
160 49.3 37.1 55.7



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: 0.406 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

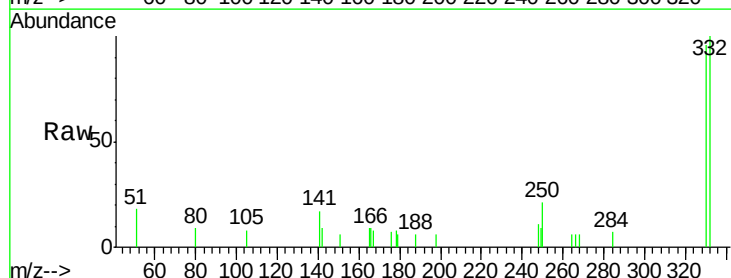
Tgt Ion:330 Resp: 1339

Ion Ratio Lower Upper

330 100

332 97.6 82.5 123.7

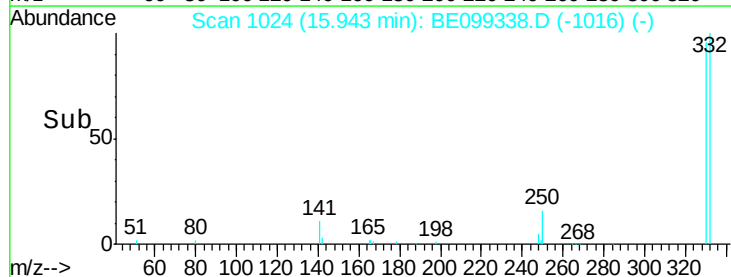
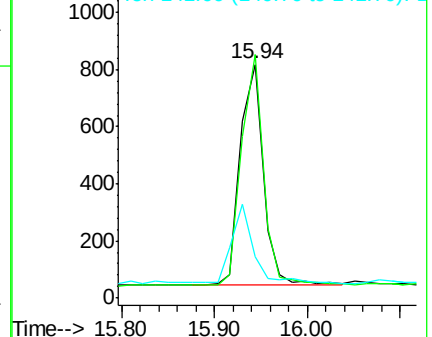
141 34.4 24.9 37.3

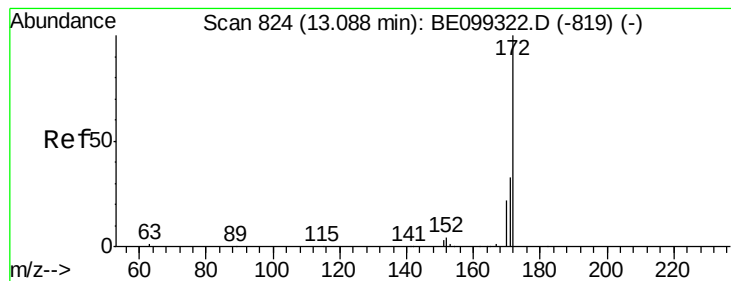


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

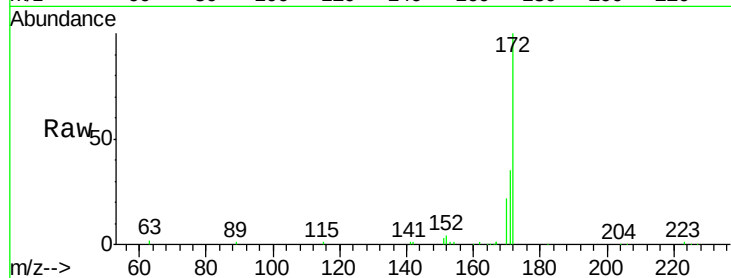
Tgt Ion:172 Resp: 16210

Ion Ratio Lower Upper

172 100

171 34.7 26.2 39.2

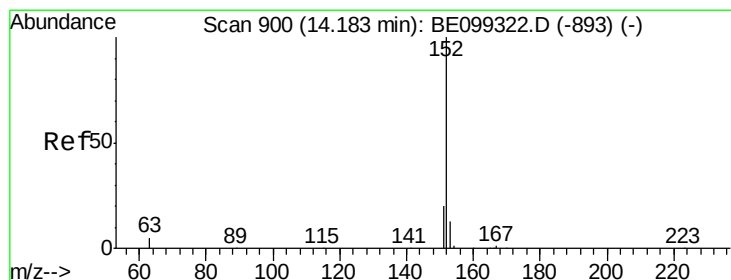
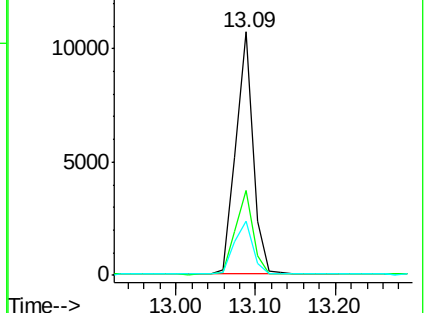
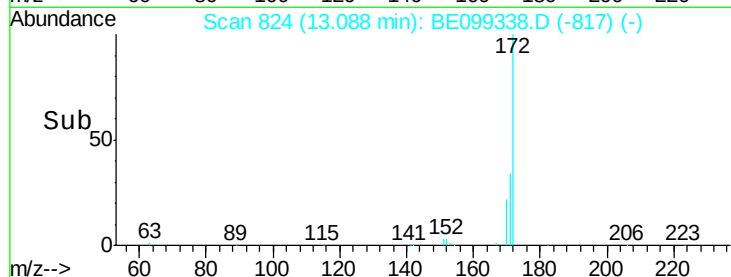
170 22.1 18.1 27.1



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: 0.392 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

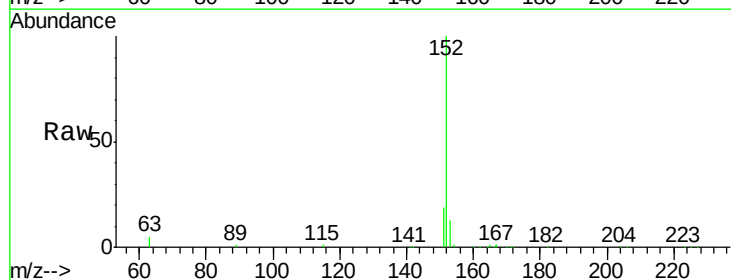
Tgt Ion:152 Resp: 17589

Ion Ratio Lower Upper

152 100

151 18.9 15.5 23.3

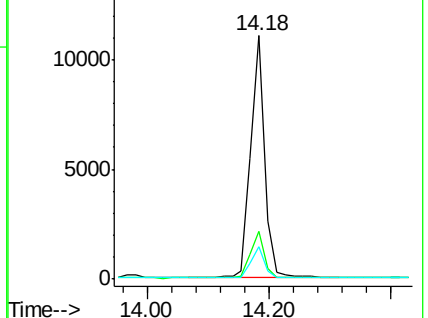
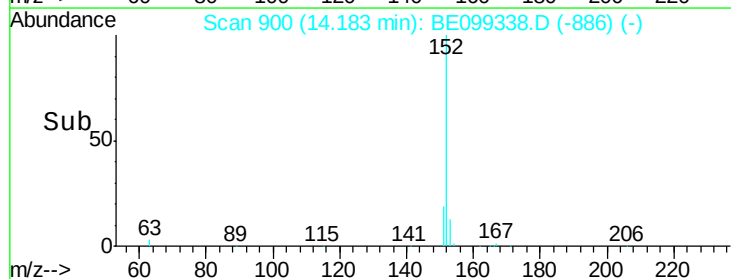
153 12.7 10.2 15.4

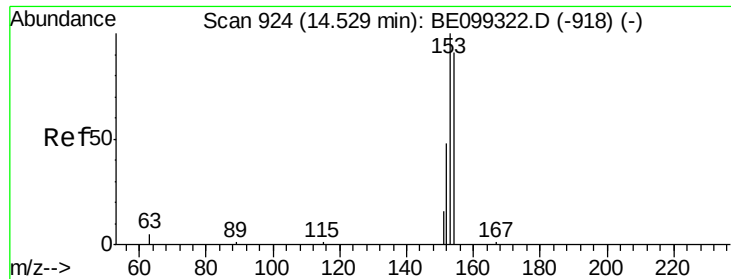


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

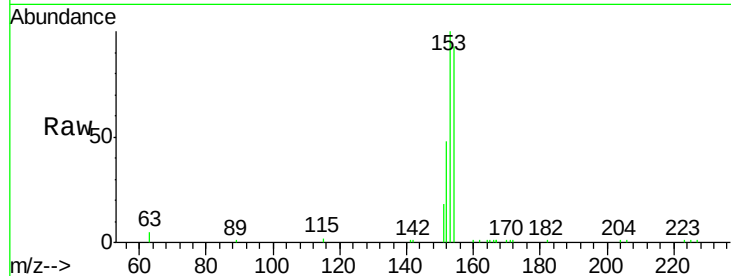




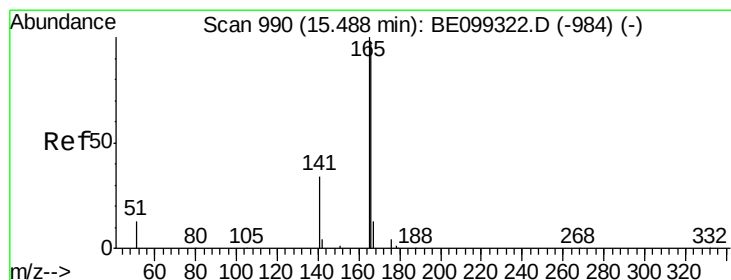
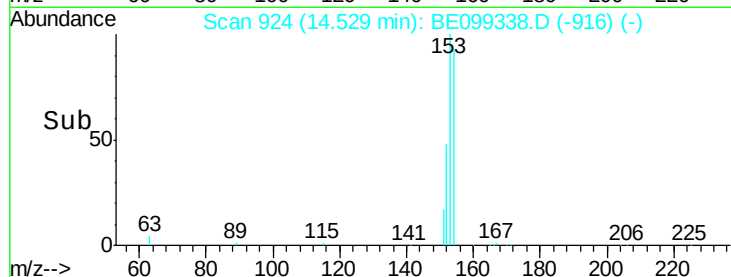
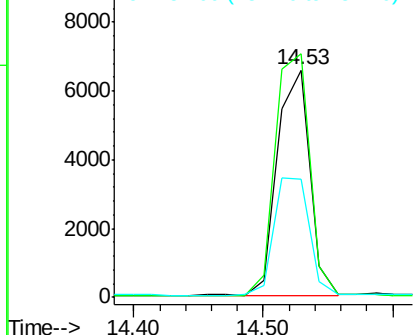
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:154 Resp: 11526
Ion Ratio Lower Upper
154 100
153 113.2 94.7 142.1
152 56.2 46.4 69.6

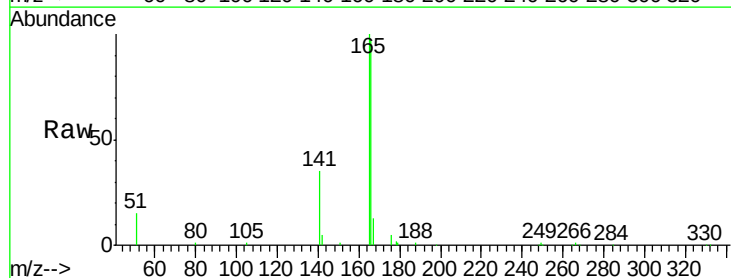


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

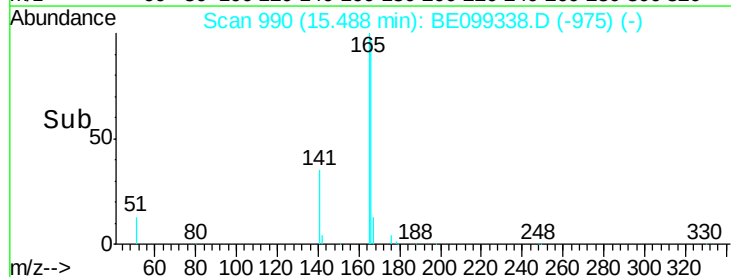
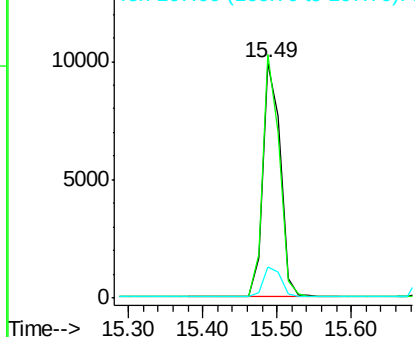


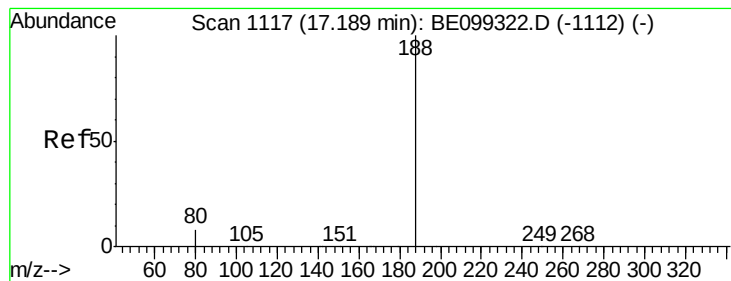
#18
Fluorene
Concen: 0.408 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:166 Resp: 16201
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 13.5 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# 1117

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

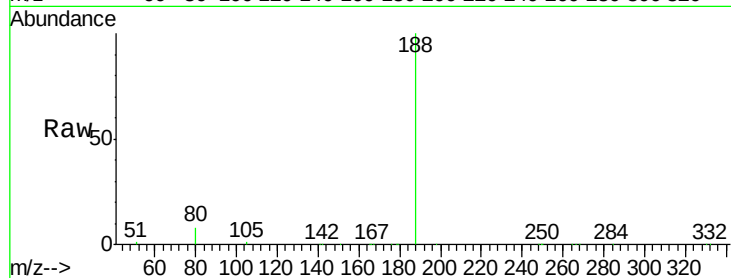
Tgt Ion:188 Resp: 29472

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

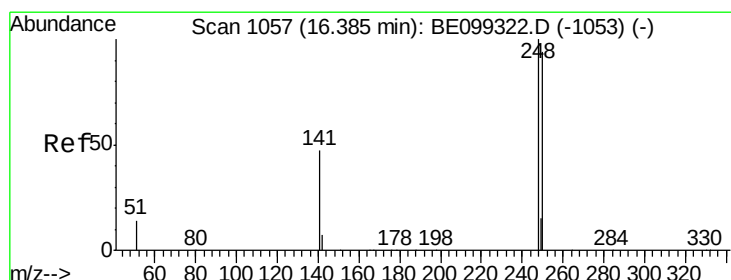
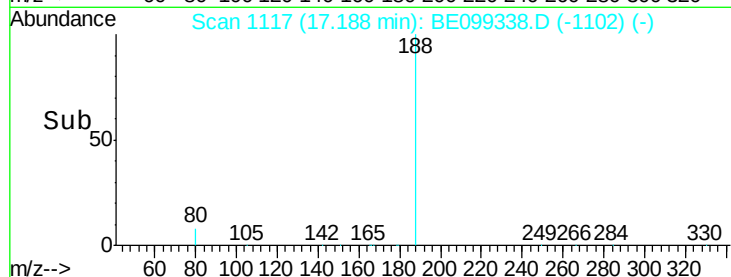
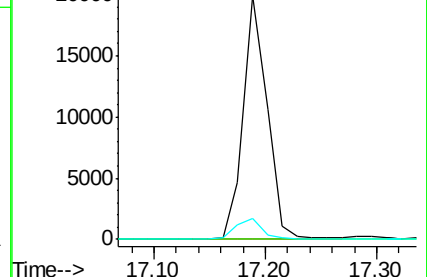
80 8.5 6.2 9.4



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: 0.402 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

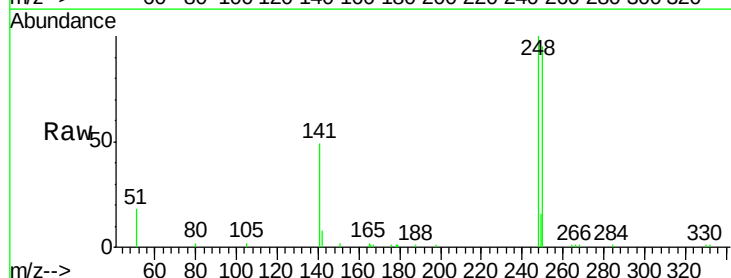
Tgt Ion:248 Resp: 6565

Ion Ratio Lower Upper

248 100

250 95.4 77.0 115.6

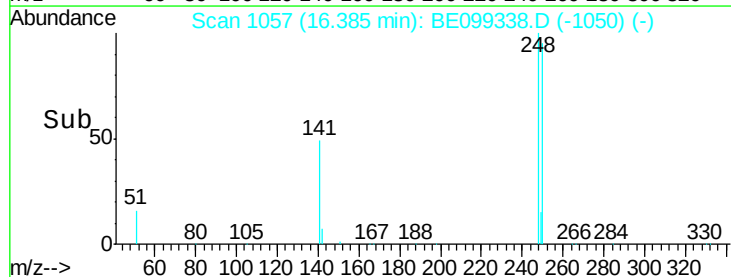
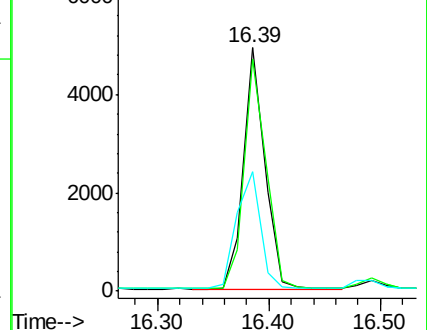
141 49.3 31.1 46.7#

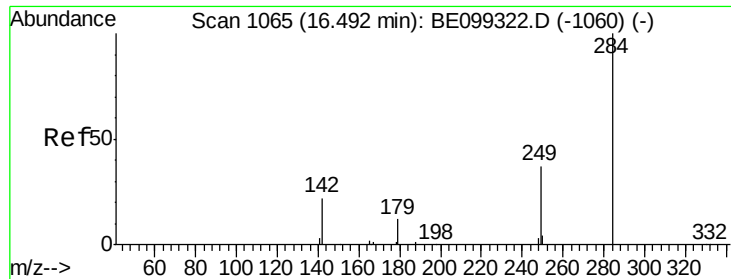


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

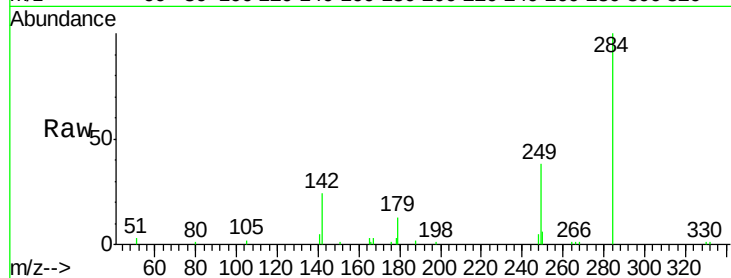




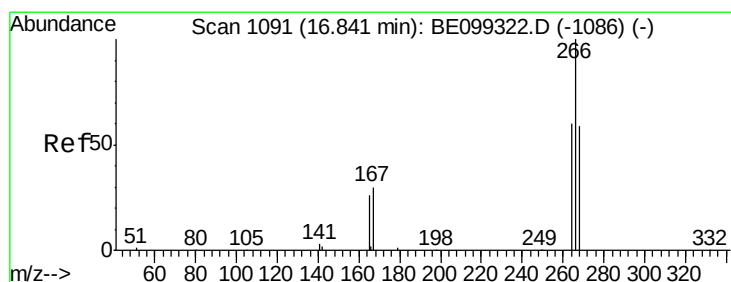
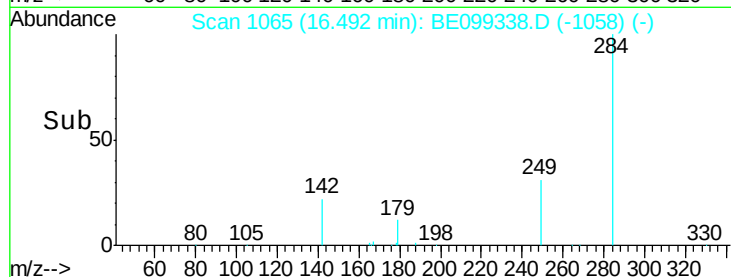
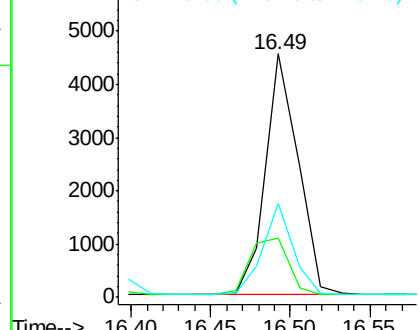
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_E
ClientSampleId :
PB118927BS

Tgt Ion:284 Resp: 6378
Ion Ratio Lower Upper
284 100
142 28.4 21.8 32.6
249 34.7 26.2 39.4

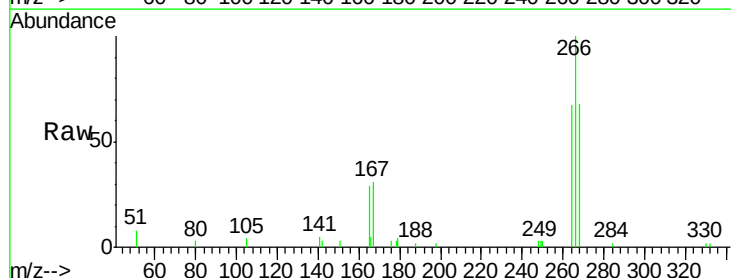


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

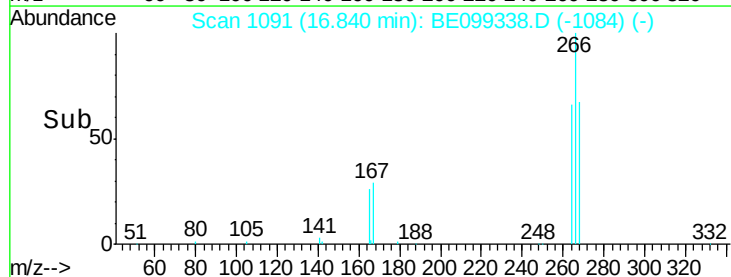
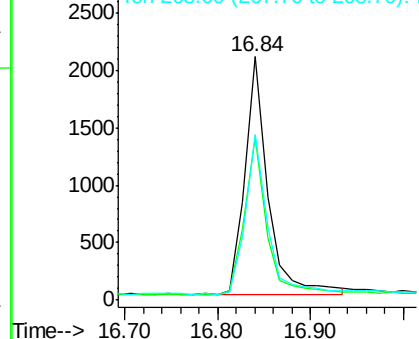


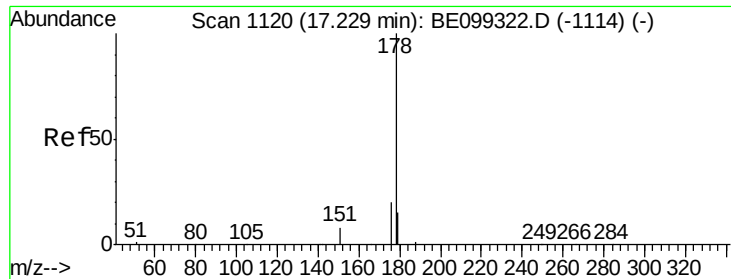
#22
Pentachlorophenol
Concen: 0.781 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099338.D
Acq: 18 Apr 2019 15:34

Tgt Ion:266 Resp: 3554
Ion Ratio Lower Upper
266 100
264 66.7 54.5 81.7
268 68.0 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: 0.404 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

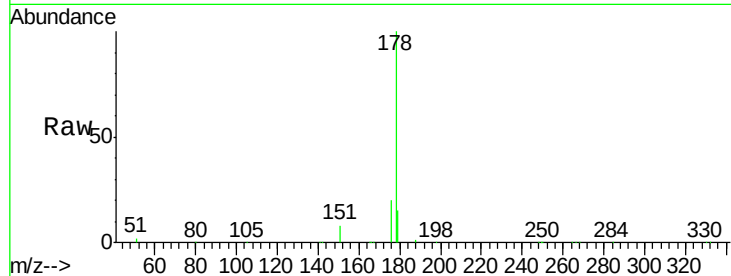
Tgt Ion:178 Resp: 31510

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

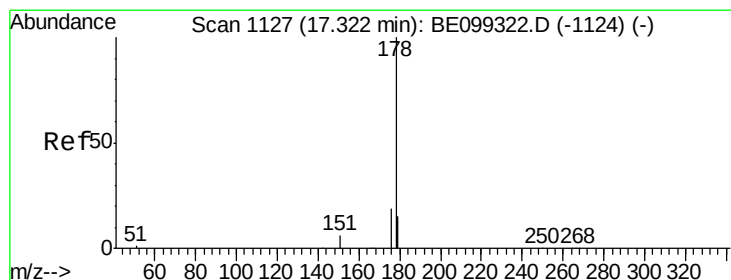
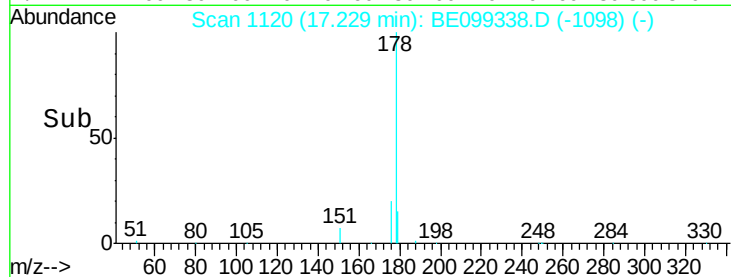
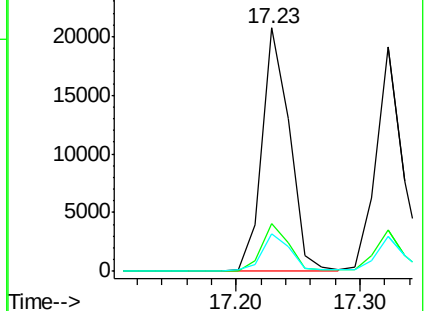
179 15.4 12.4 18.6



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: 0.398 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

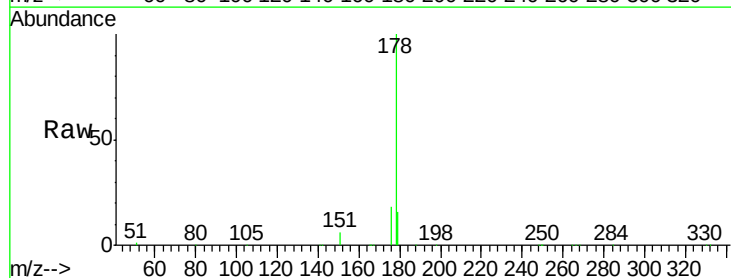
Tgt Ion:178 Resp: 27665

Ion Ratio Lower Upper

178 100

176 17.7 15.1 22.7

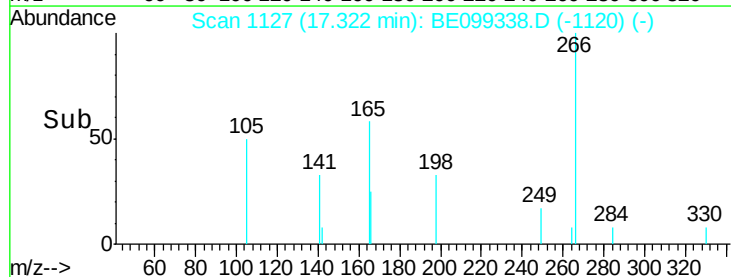
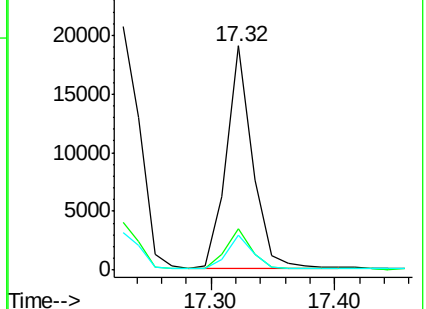
179 15.3 11.9 17.9

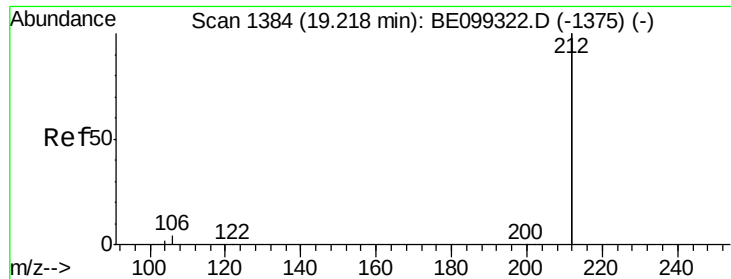


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

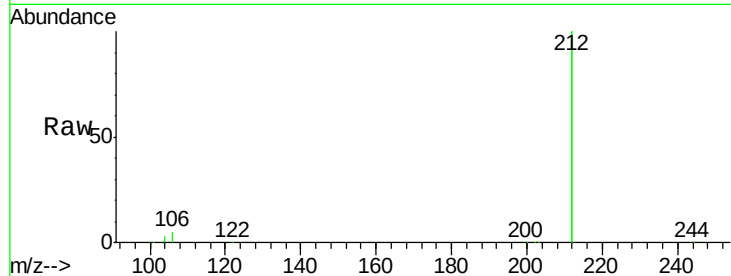
Tgt Ion:212 Resp: 137837

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

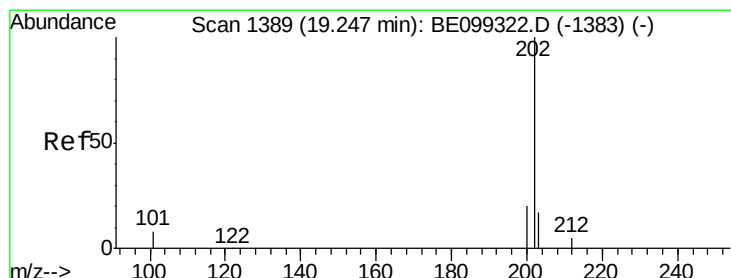
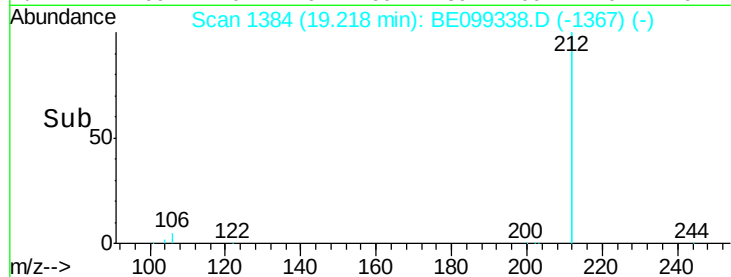
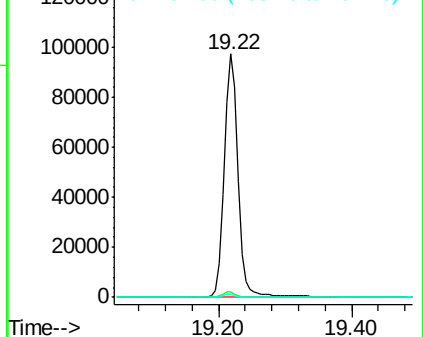
104 1.3 1.0 1.4



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



#26

Fluoranthene

Concen: 0.394 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

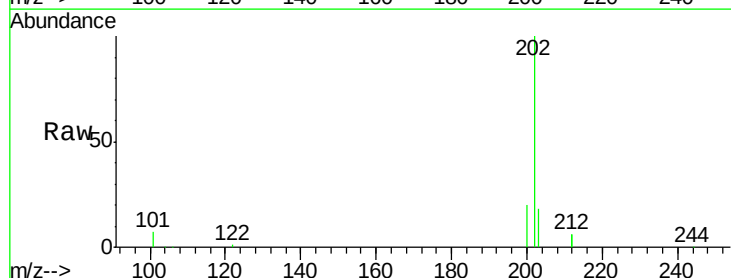
Tgt Ion:202 Resp: 41161

Ion Ratio Lower Upper

202 100

101 7.8 6.4 9.6

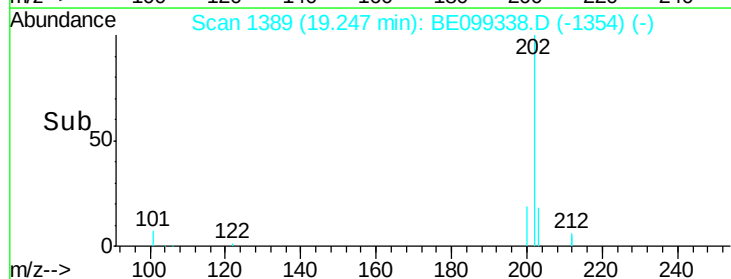
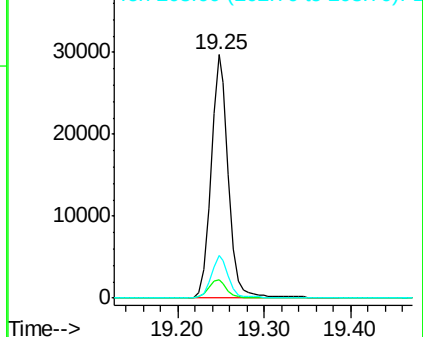
203 17.0 13.5 20.3

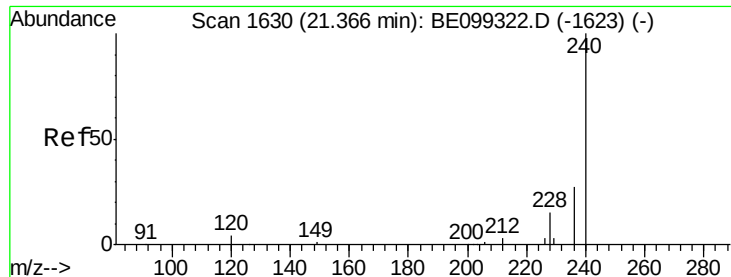


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

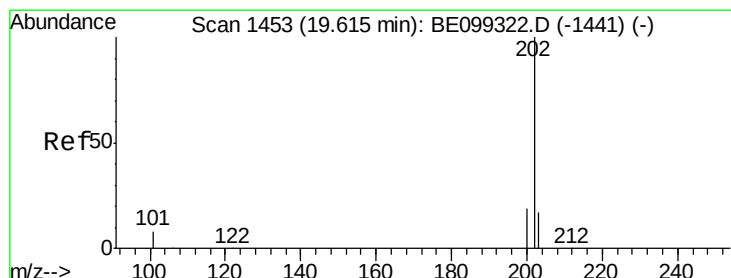
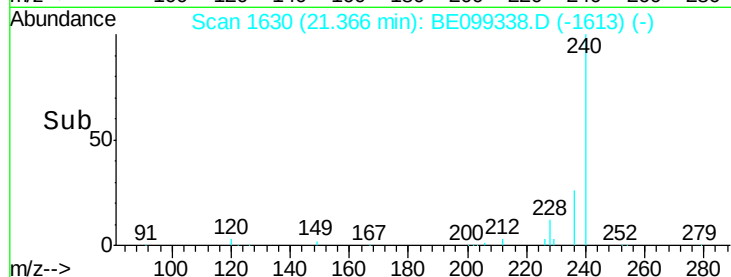
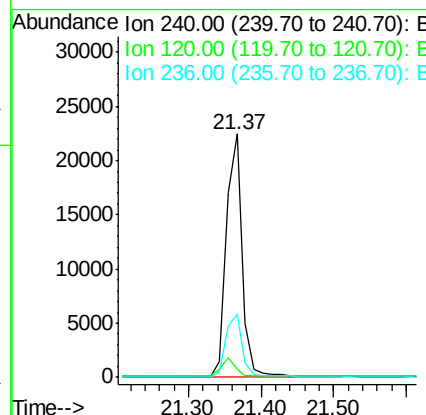
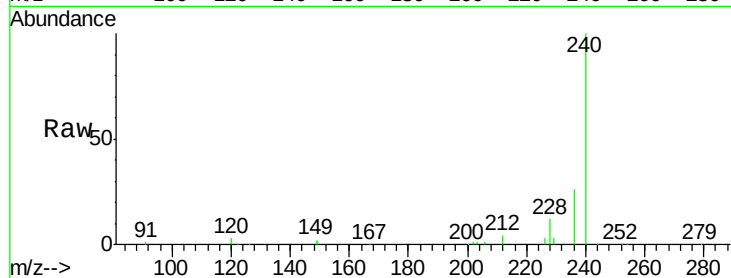




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099338.D
 Acq: 18 Apr 2019 15:34

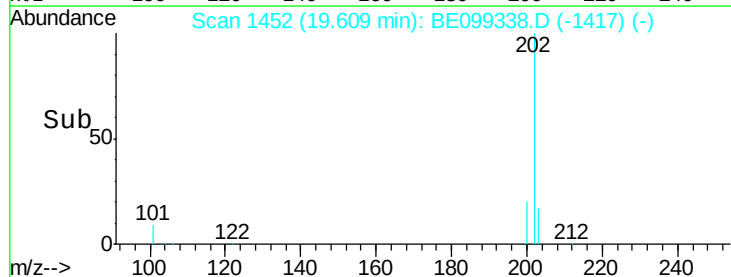
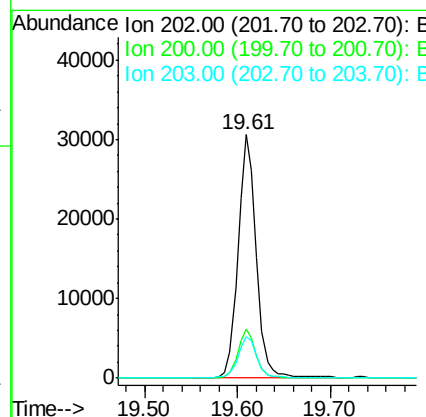
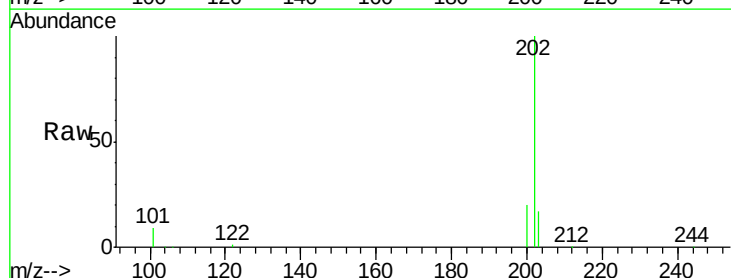
Instrument :
 BNA_E
 ClientSampleId :
 PB118927BS

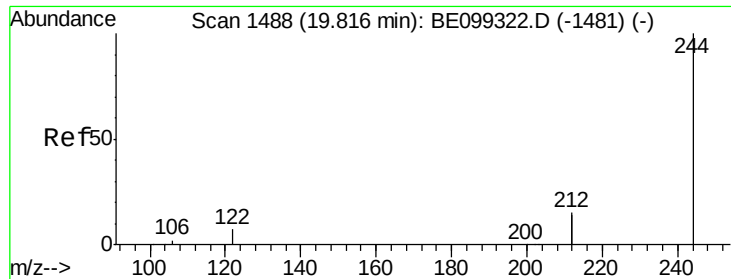
Tgt Ion: 240 Resp: 34795
 Ion Ratio Lower Upper
 240 100
 120 3.2 2.2 3.2
 236 26.2 20.2 30.4



#28
 Pyrene
 Concen: 0.406 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BE099338.D
 Acq: 18 Apr 2019 15:34

Tgt Ion: 202 Resp: 41606
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.7 23.5
 203 17.6 13.7 20.5





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampled :

PB118927BS

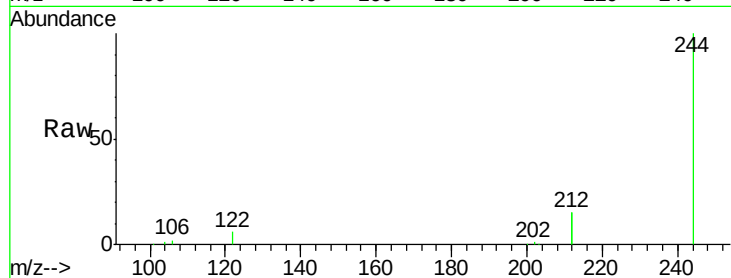
Tgt Ion:244 Resp: 27787

Ion Ratio Lower Upper

244 100

212 29.1 22.6 33.8

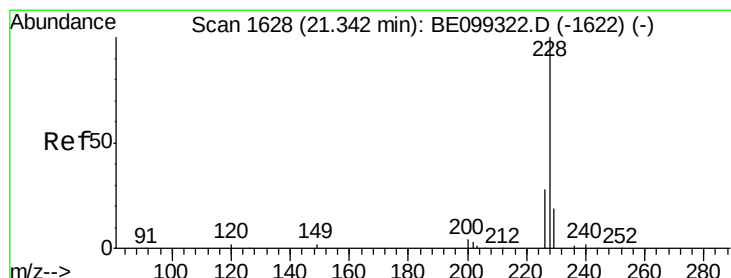
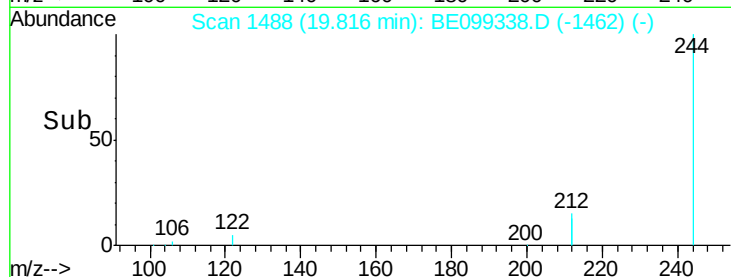
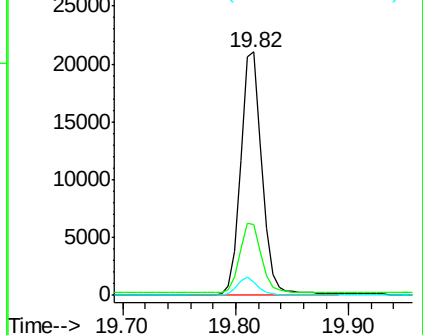
122 5.6 4.6 7.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.405 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

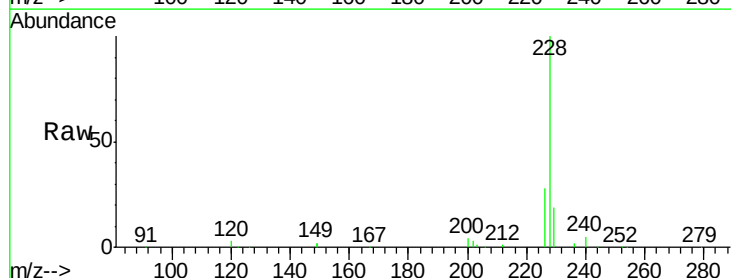
Tgt Ion:228 Resp: 41458

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

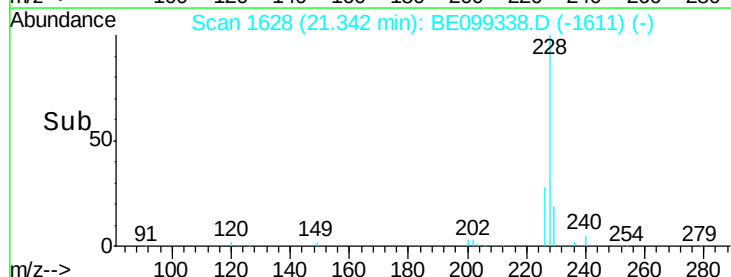
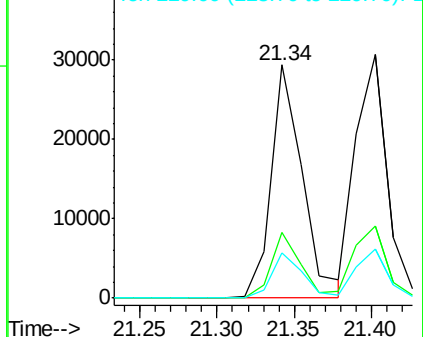
229 19.3 15.8 23.8

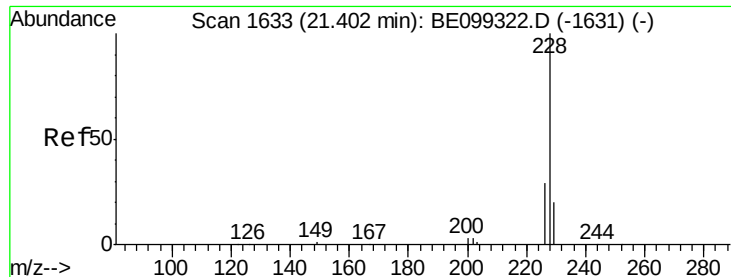


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

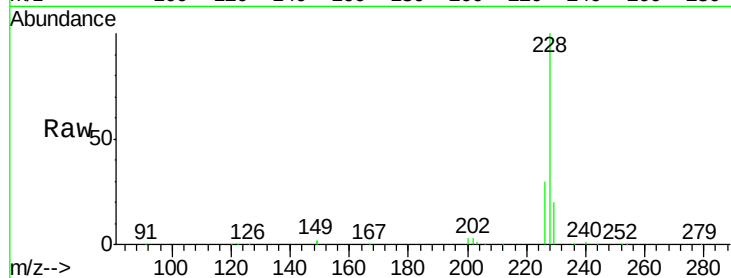
Tgt Ion:228 Resp: 43552

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

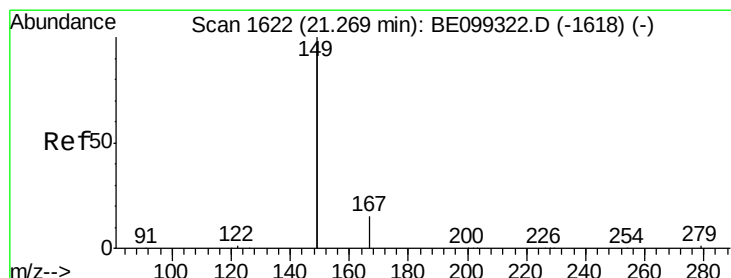
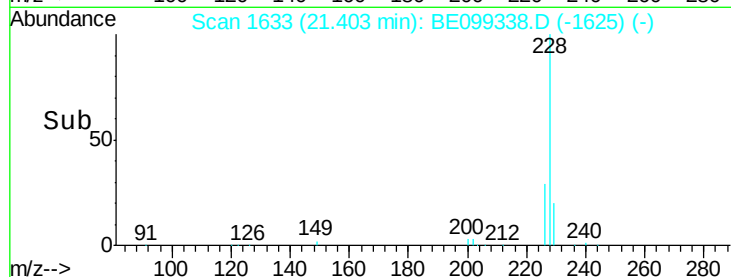
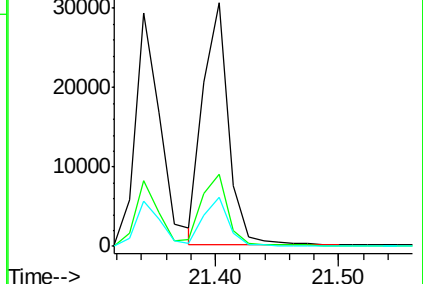
229 20.2 16.2 24.2



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: 0.354 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

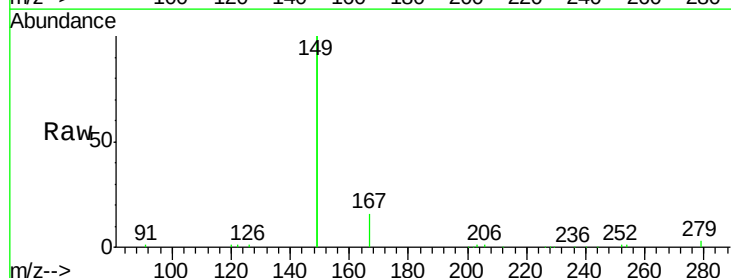
Tgt Ion:149 Resp: 32920

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

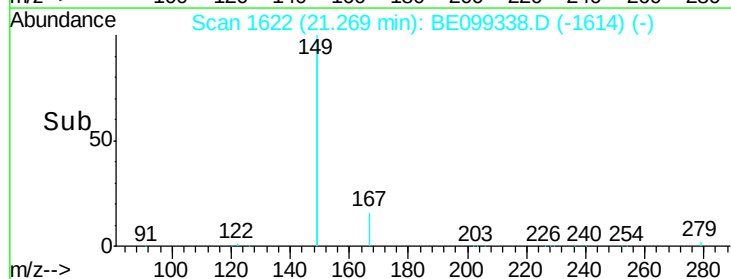
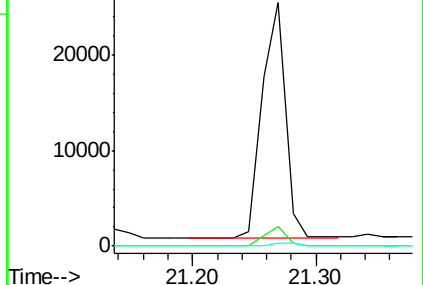
279 1.3 1.1 1.7

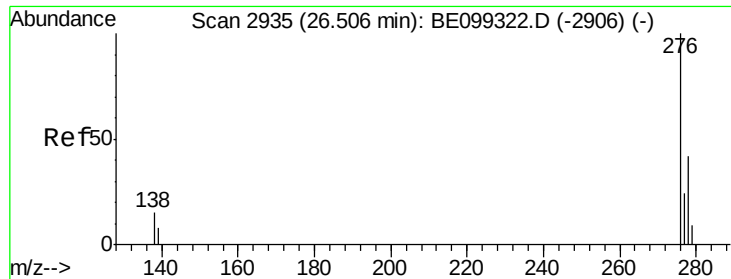


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.424 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

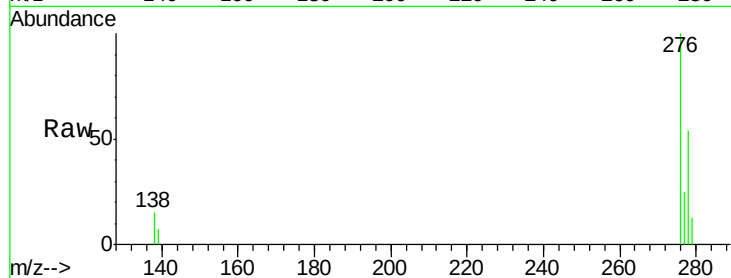
Tgt Ion:276 Resp: 45566

Ion Ratio Lower Upper

276 100

138 15.8 12.7 19.1

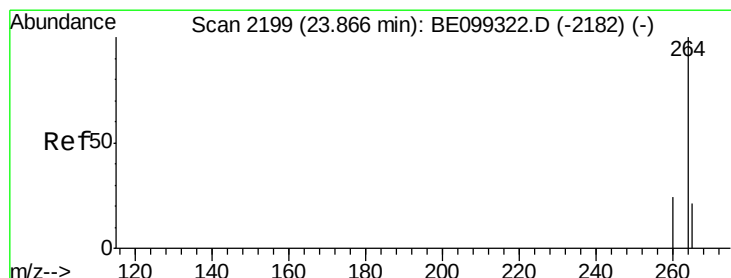
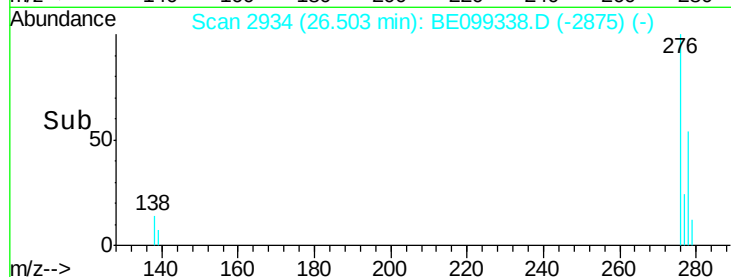
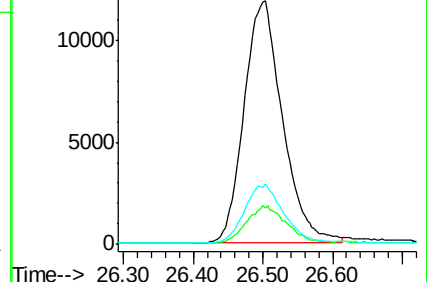
277 24.5 19.6 29.4



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: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

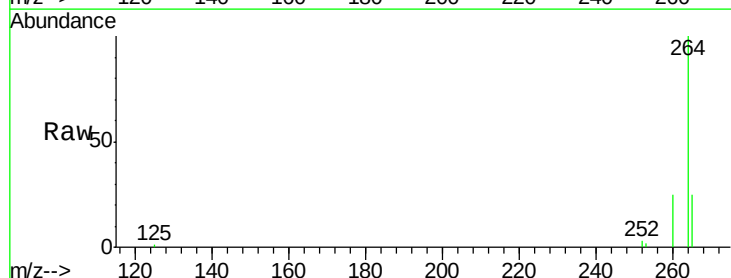
Tgt Ion:264 Resp: 33606

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

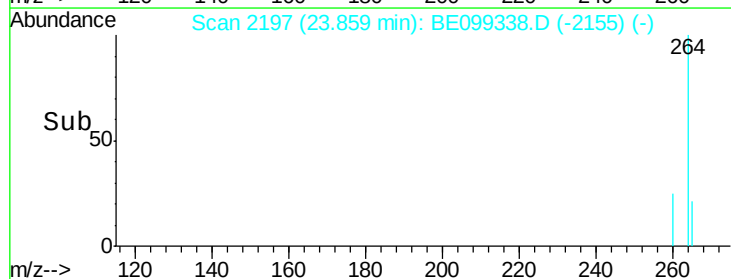
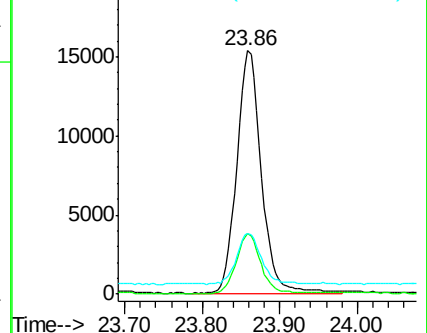
265 25.1 19.9 29.9

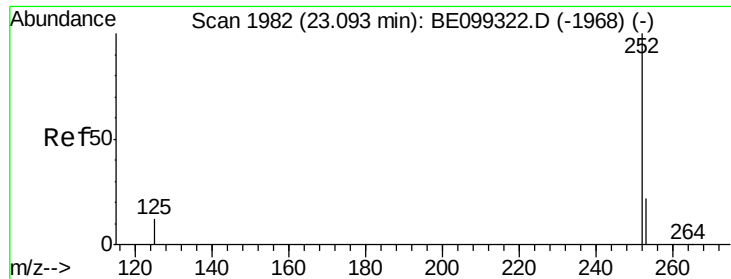


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.398 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.05 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

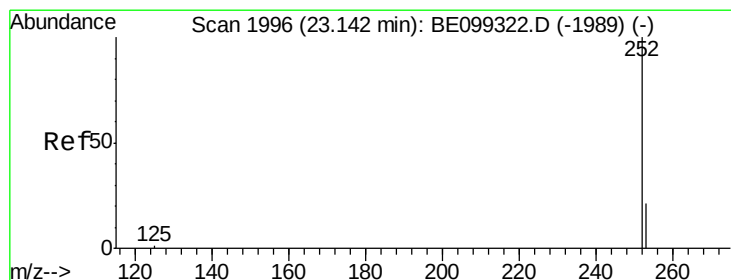
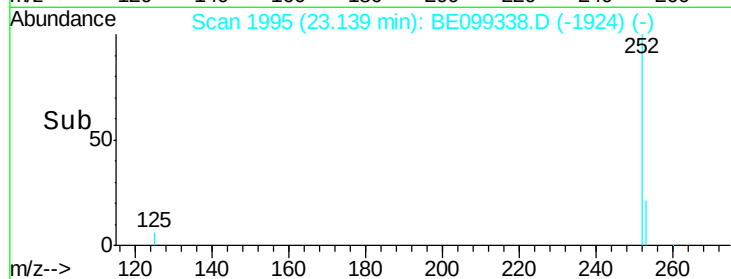
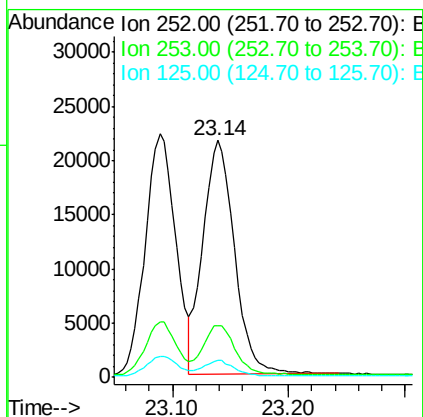
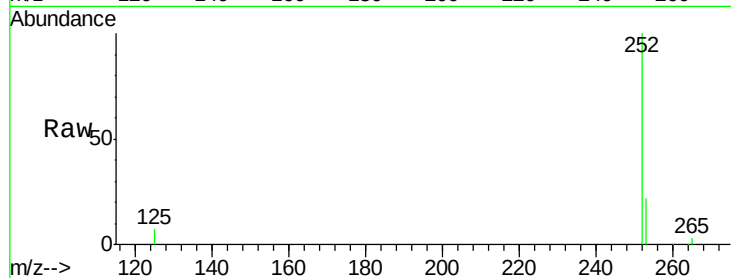
Tgt Ion:252 Resp: 40898

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 7.0 5.8 8.6



#36

Benzo(k)fluoranthene

Concen: 0.399 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

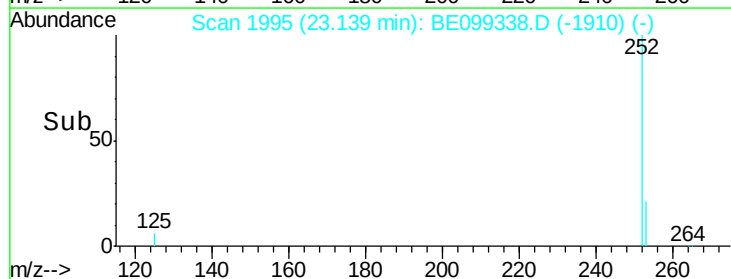
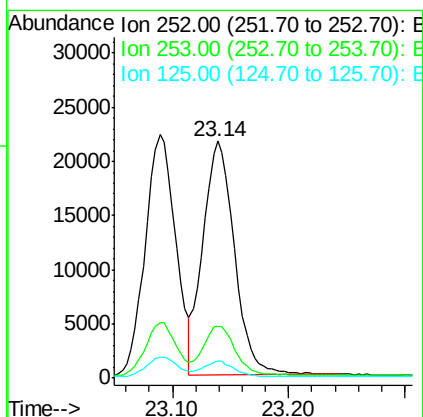
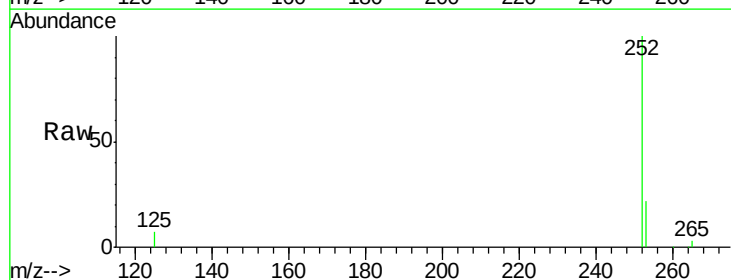
Tgt Ion:252 Resp: 40898

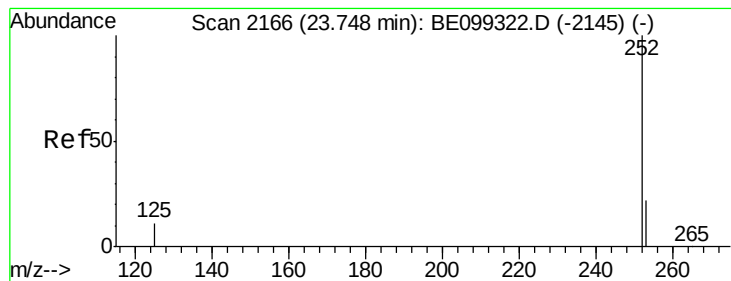
Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

125 7.0 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS

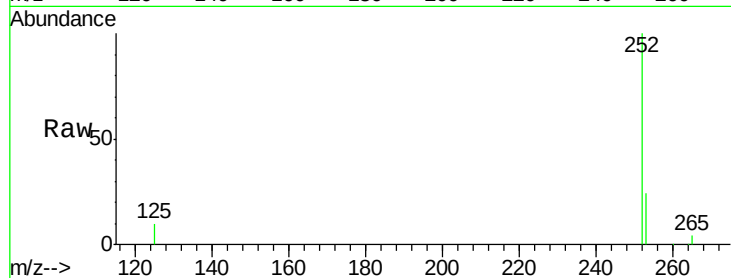
Tgt Ion:252 Resp: 36384

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

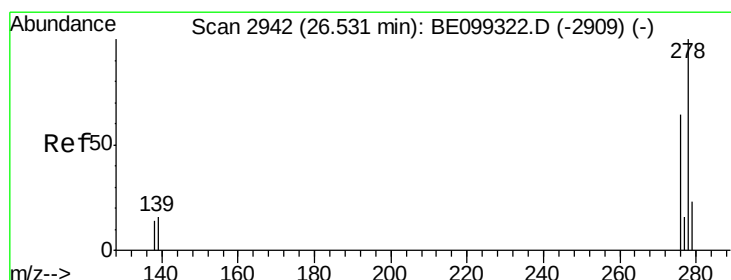
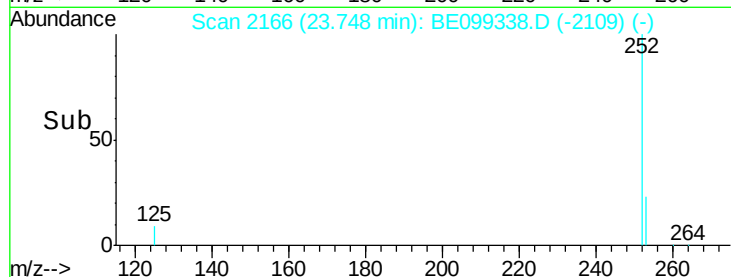
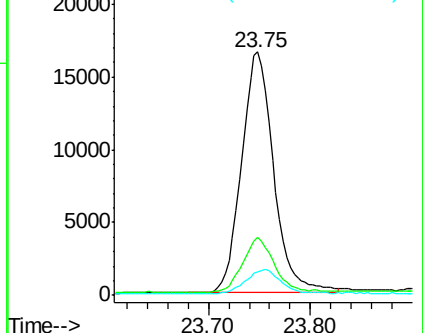
125 9.7 6.5 9.7#



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: 0.399 ng

RT: 26.53 min Scan# 2941

Delta R.T. 0.01 min

Lab File: BE099338.D

Acq: 18 Apr 2019 15:34

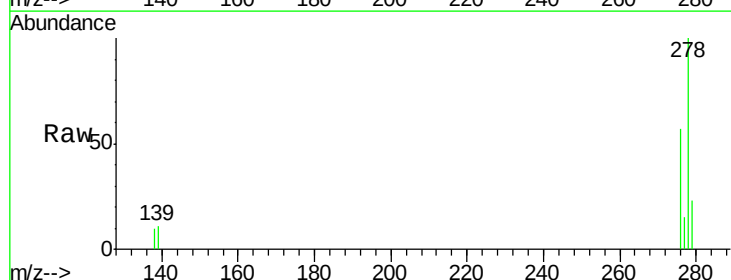
Tgt Ion:278 Resp: 37561

Ion Ratio Lower Upper

278 100

139 11.2 8.5 12.7

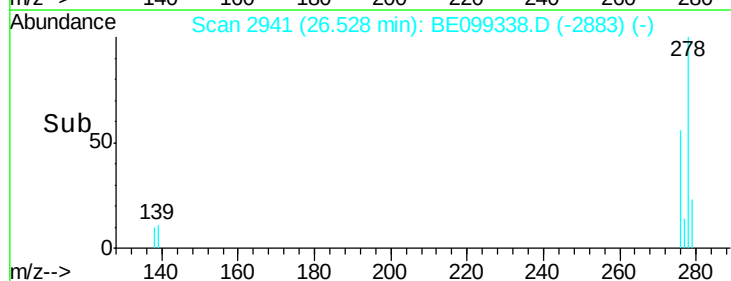
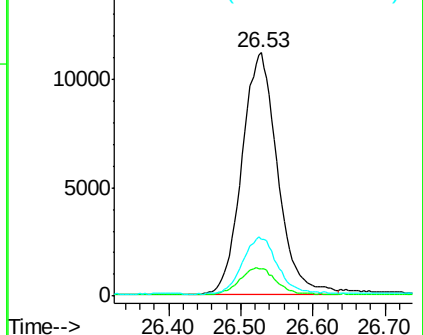
279 23.5 19.8 29.8

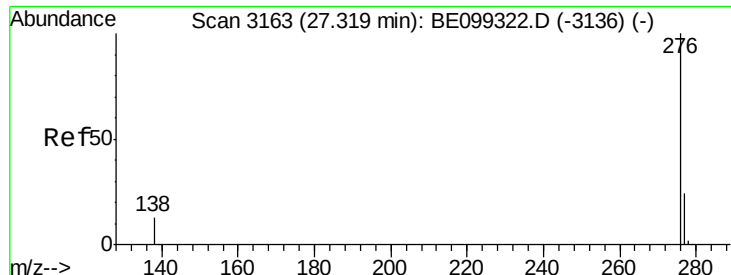


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.399 ng

RT: 27.31 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BE099338.D

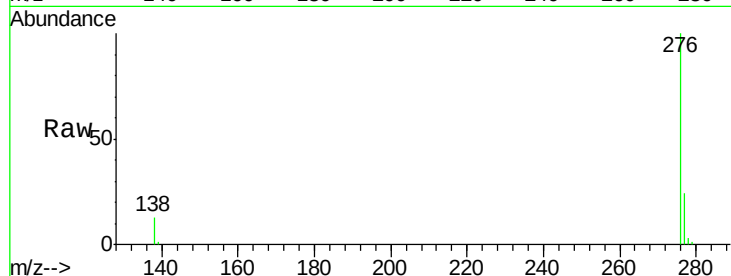
Acq: 18 Apr 2019 15:34

Instrument :

BNA_E

ClientSampleId :

PB118927BS



Tgt Ion: 276 Resp: 38080

Ion Ratio Lower Upper

276 100

277 23.8 20.0 30.0

138 13.3 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

