

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099368.D
 Acq On : 25 Apr 2019 19:13
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 00:49:56 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	4748	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19422	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	13428	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	35252	0.40	ng	0.00
27) Chrysene-d12	21.37	240	42922	0.40	ng	0.00
34) Perylene-d12	23.87	264	44163	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	5490	0.47	ng	0.01
5) Phenol-d6	6.97	99	8596	0.52	ng	0.00
8) Nitrobenzene-d5	8.96	82	7231	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	14141	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2890	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	21482	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	178155	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	35465	0.42	ng	0.00

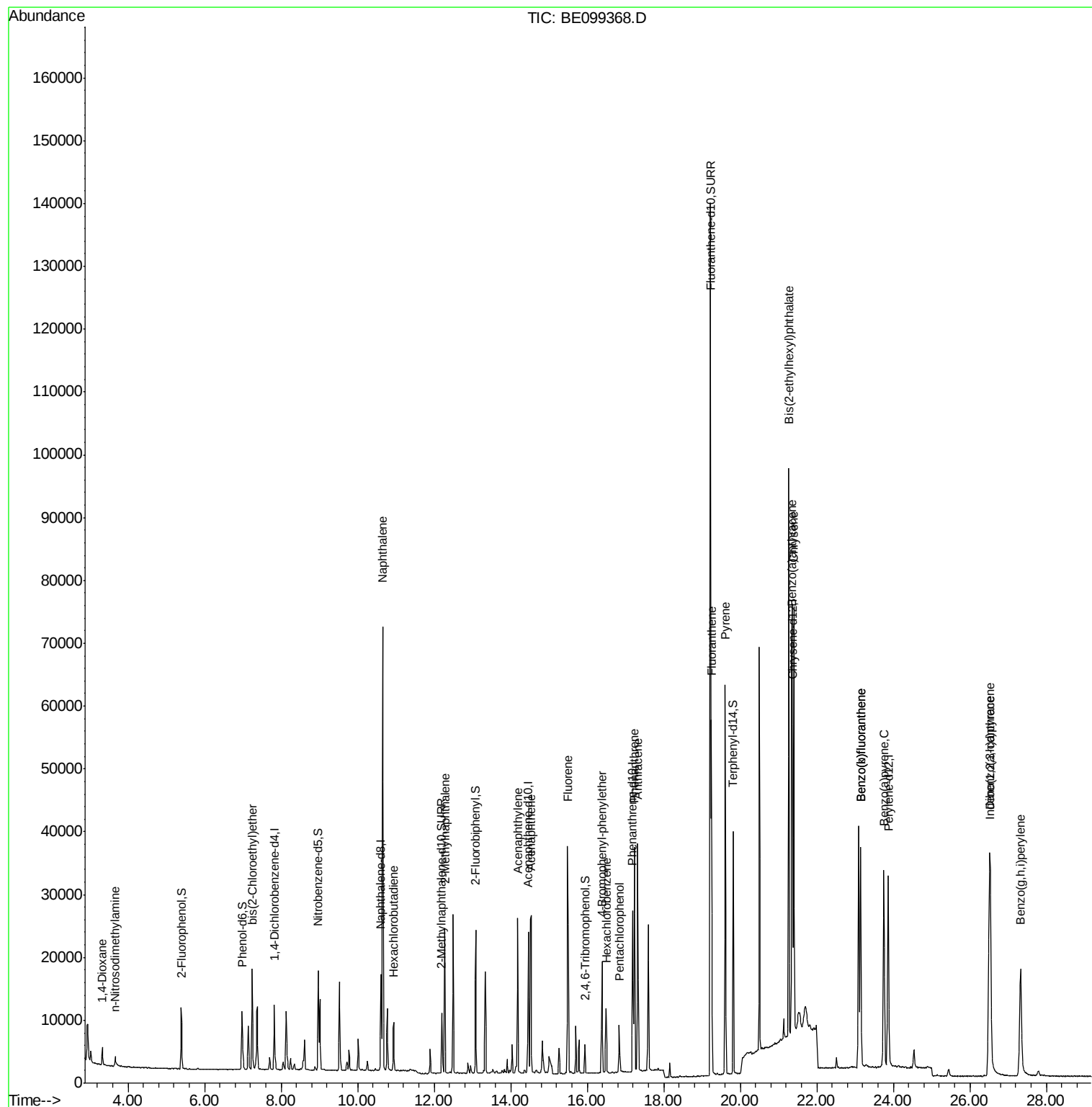
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2043	0.307	ng	97
3) n-Nitrosodimethylamine	3.65	42	1445	0.404	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	6184	0.400	ng	98
9) Naphthalene	10.65	128	110328	0.521	ng	100
10) Hexachlorobutadiene	10.94	225	5908	0.439	ng	98
12) 2-Methylnaphthalene	12.28	142	18077	0.501	ng	95
16) Acenaphthylene	14.18	152	27607	0.455	ng	99
17) Acenaphthene	14.53	154	15491	0.414	ng	98
18) Fluorene	15.49	166	21942	0.408	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	8673	0.444	ng	98
21) Hexachlorobenzene	16.49	284	8178	0.436	ng	97
22) Pentachlorophenol	16.84	266	3836	0.726	ng	95
23) Phenanthrene	17.23	178	39642	0.425	ng	100
24) Anthracene	17.32	178	36117	0.435	ng	99
26) Fluoranthene	19.25	202	50822	0.407	ng	98
28) Pyrene	19.61	202	53281	0.421	ng	99
30) Benzo(a)anthracene	21.34	228	56982	0.452	ng	99
31) Chrysene	21.40	228	55389	0.412	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	99034	0.863	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	60951	0.460	ng	97
35) Benzo(b)fluoranthene	23.15	252	51149	0.378	ng	97
36) Benzo(k)fluoranthene	23.15	252	51149	0.379	ng	100
37) Benzo(a)pyrene	23.75	252	50080	0.413	ng	# 93
38) Dibenzo(a,h)anthracene	26.54	278	50106	0.405	ng	99
39) Benzo(g,h,i)perylene	27.32	276	49022	0.391	ng	97

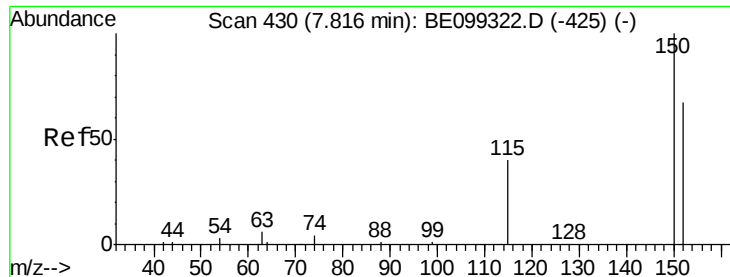
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
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QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

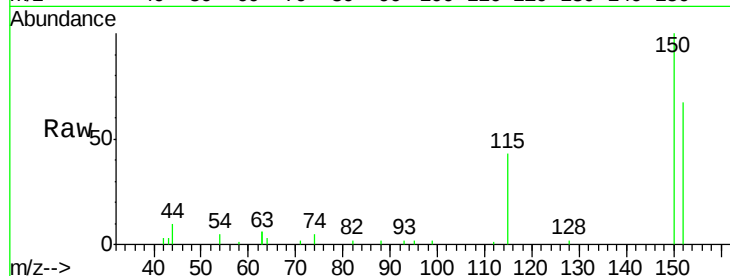
Tot Ion:152 Resp: 4748

Ion Ratio Lower Upper

152 100

150 149.8 119.5 179.3

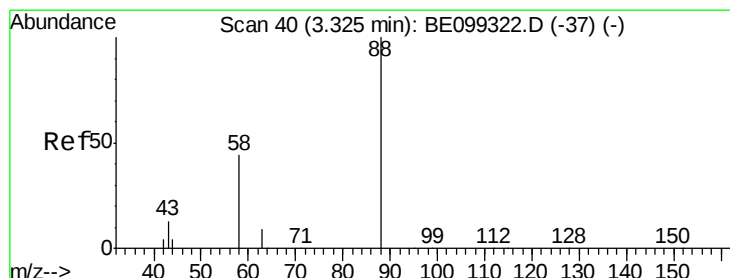
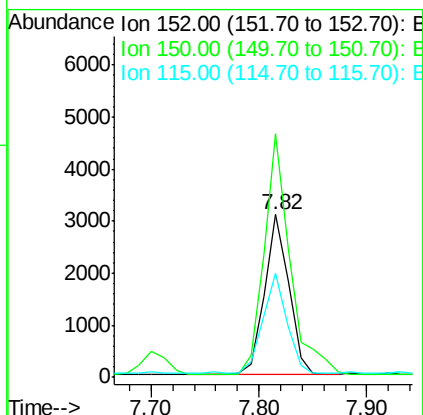
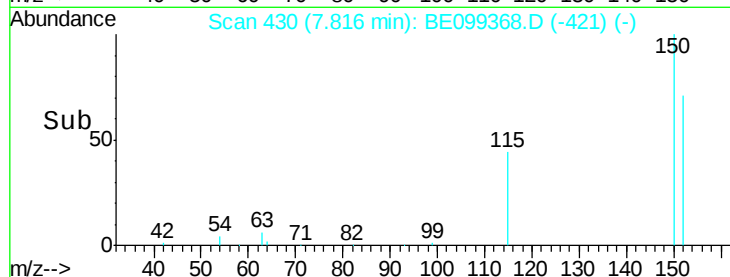
115 63.7 47.5 71.3



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: 0.307 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

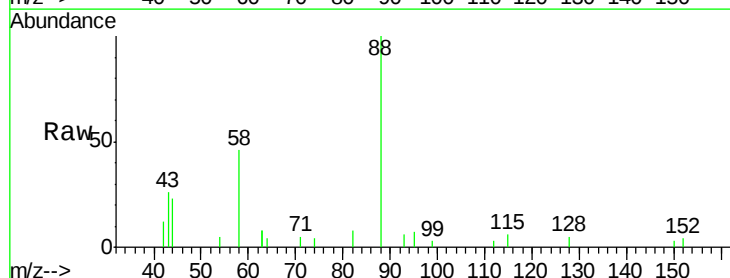
Tgt Ion: 88 Resp: 2043

Ion Ratio Lower Upper

88 100

58 59.9 49.1 73.7

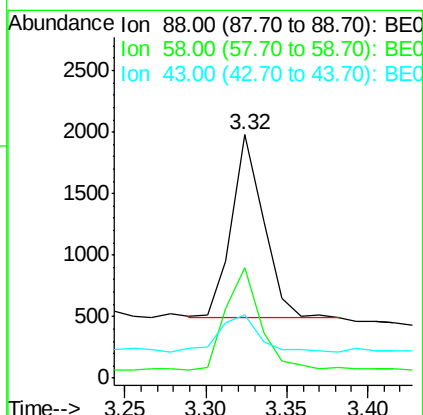
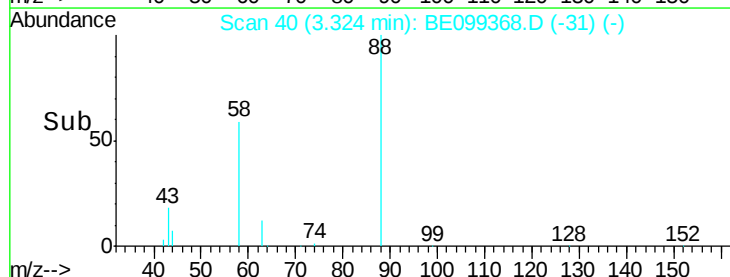
43 24.4 17.9 26.9

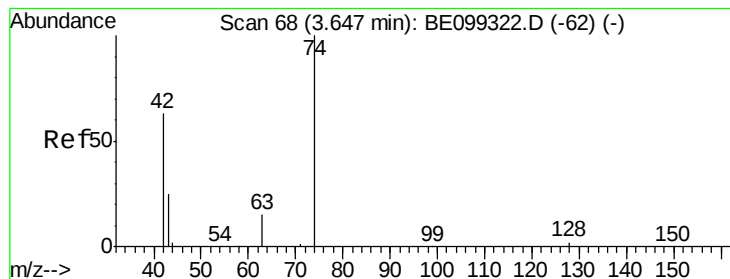


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.404 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

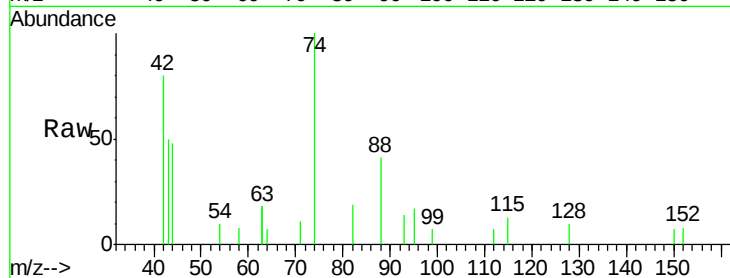
Tot Ion: 42 Resp: 1445

Ion Ratio Lower Upper

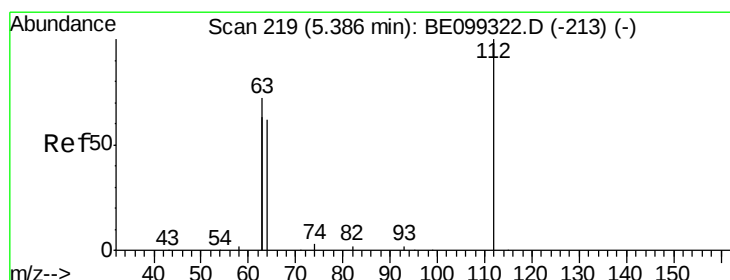
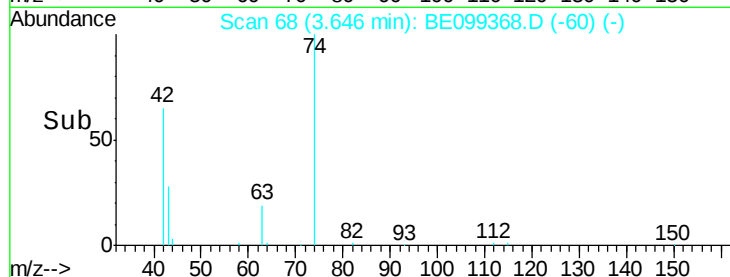
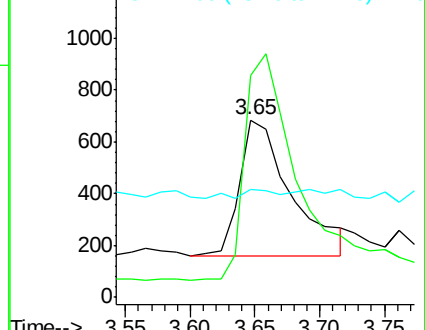
42 100

74 164.9 145.8 218.8

44 4.6 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: 0.473 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

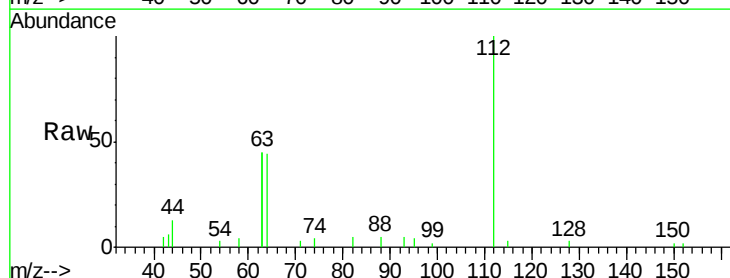
Tgt Ion: 112 Resp: 5490

Ion Ratio Lower Upper

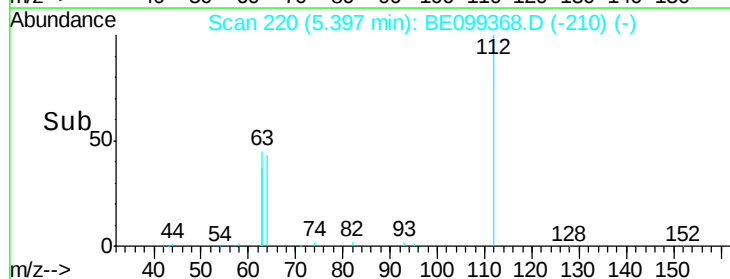
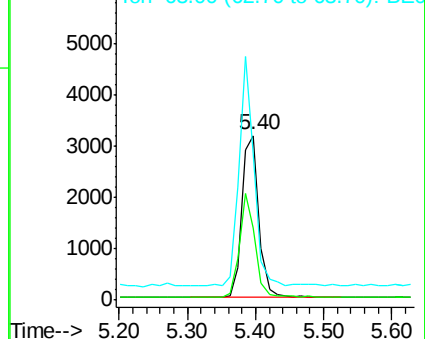
112 100

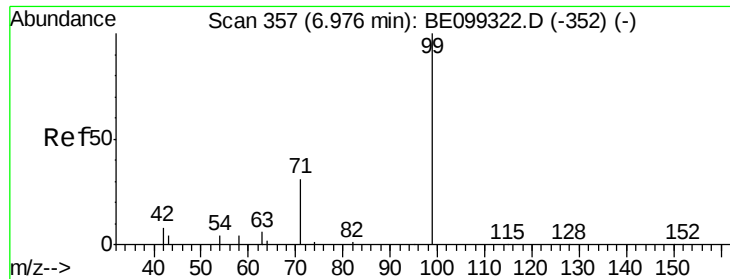
64 58.5 44.9 67.3

63 125.7 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: 0.519 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

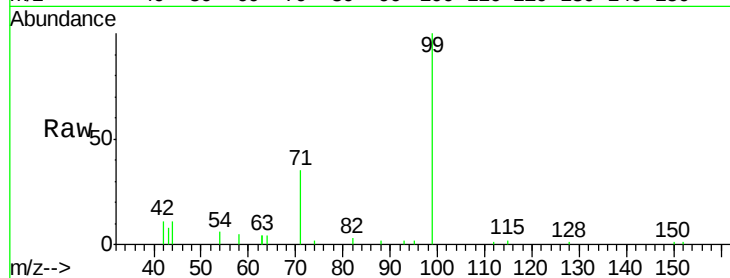
Tot Ion: 99 Resp: 8596

Ion Ratio Lower Upper

99 100

42 16.7 11.7 17.5

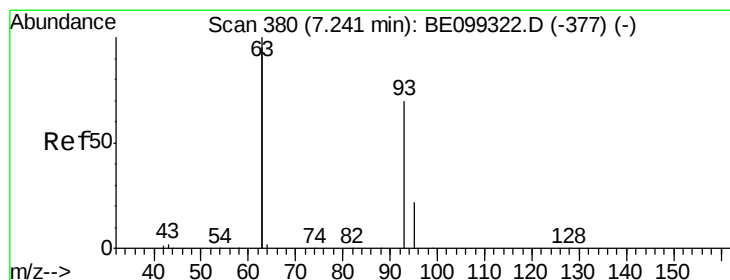
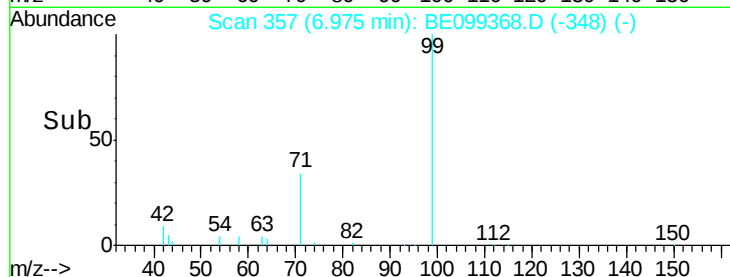
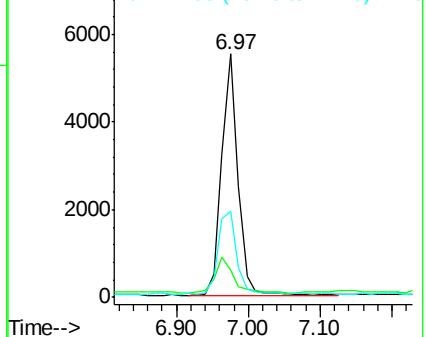
71 38.6 29.6 44.4



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: 0.400 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

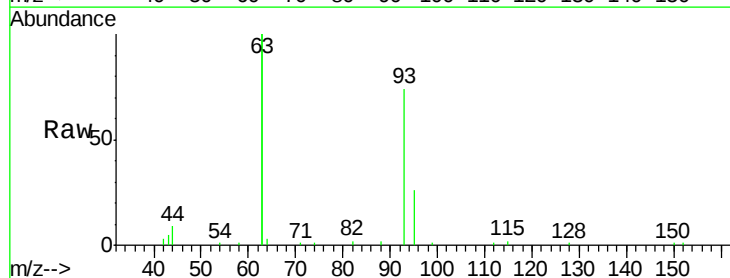
Tgt Ion: 93 Resp: 6184

Ion Ratio Lower Upper

93 100

63 273.7 216.6 324.8

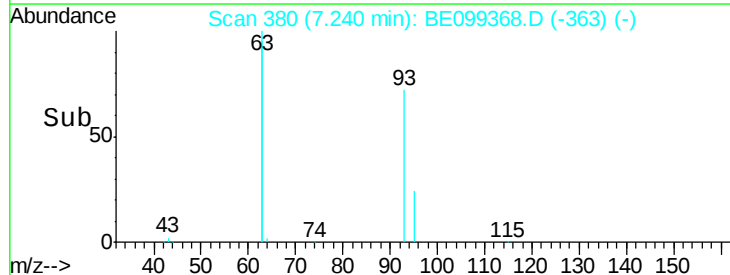
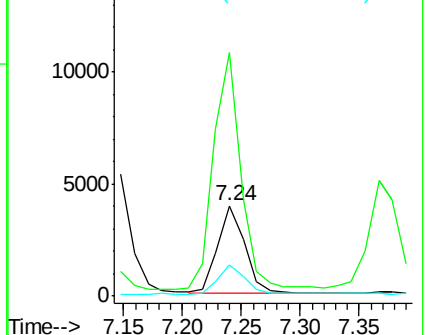
95 33.6 25.8 38.6

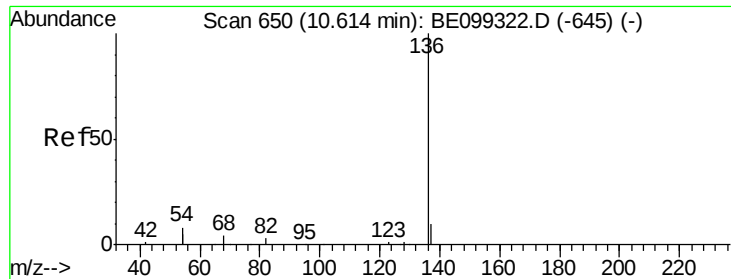


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19422

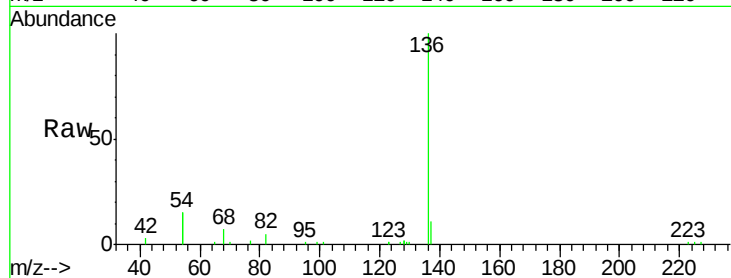
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 31.0 23.8 35.8

68 7.3 6.4 9.6

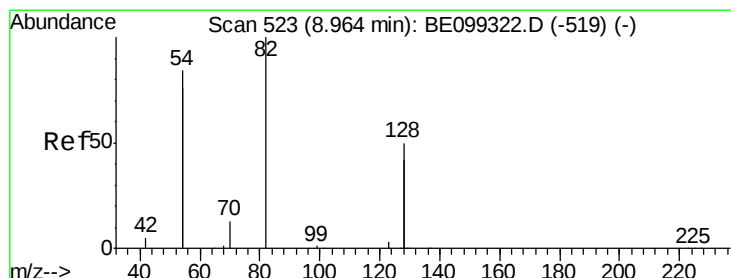
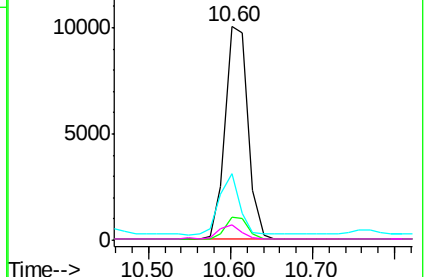
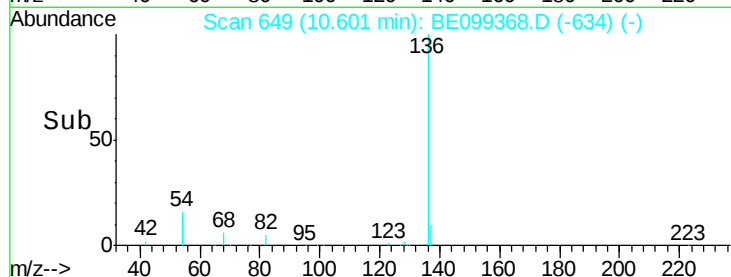


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.480 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

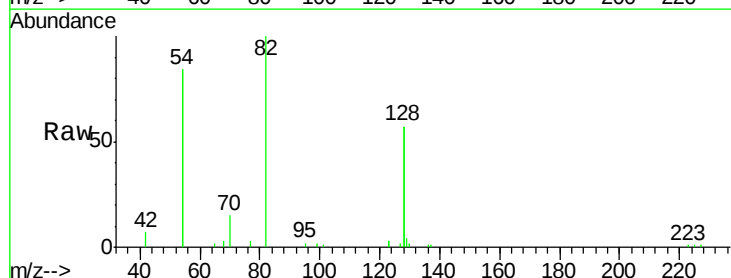
Tgt Ion: 82 Resp: 7231

Ion Ratio Lower Upper

82 100

128 113.1 91.7 137.5

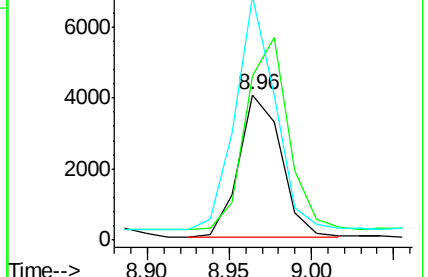
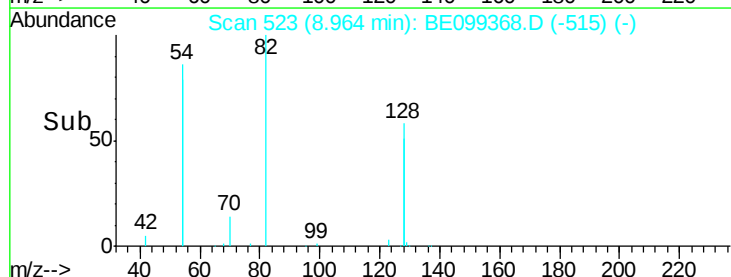
54 167.5 122.8 184.2

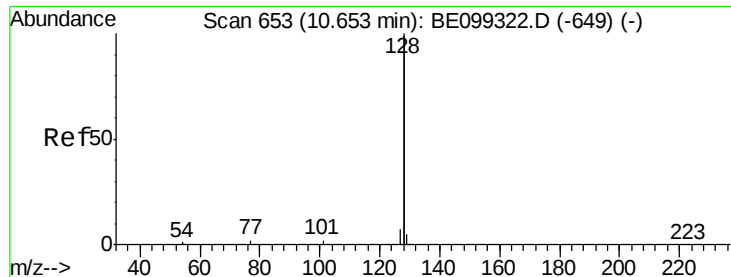


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.521 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

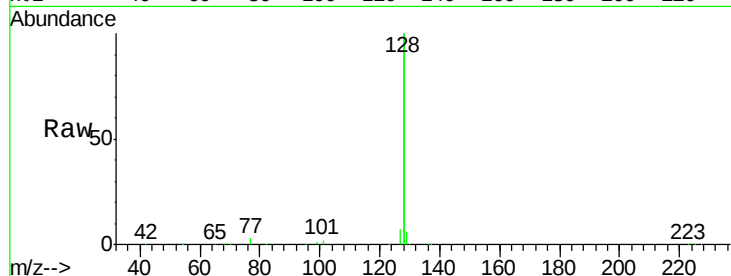
Tot Ion:128 Resp: 110328

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

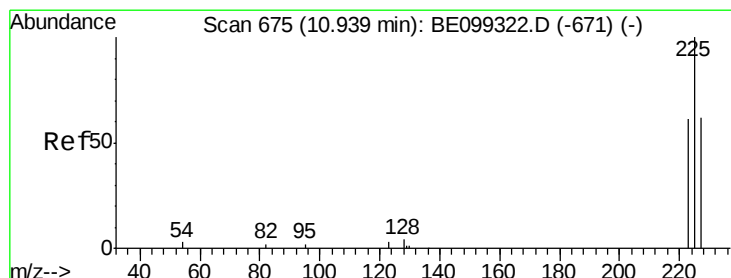
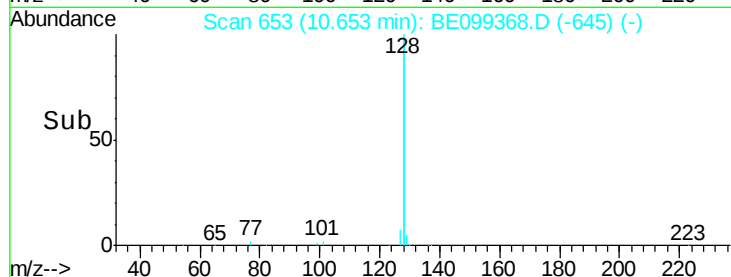
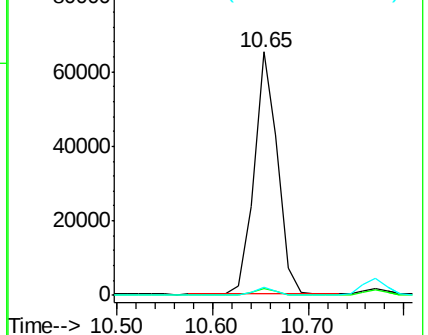
127 3.3 2.8 4.2



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: 0.439 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

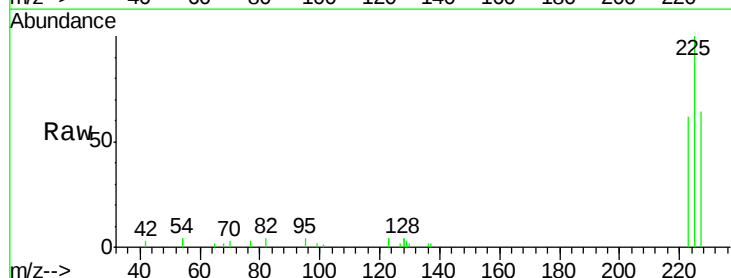
Tgt Ion:225 Resp: 5908

Ion Ratio Lower Upper

225 100

223 64.1 50.3 75.5

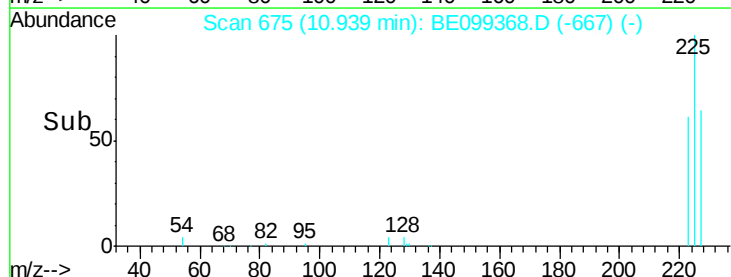
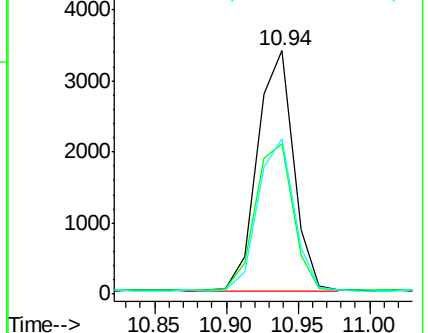
227 63.5 49.4 74.0

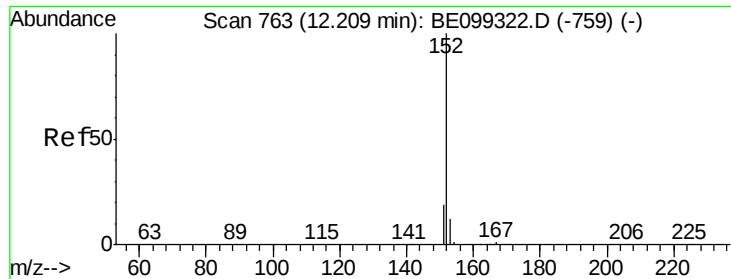


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

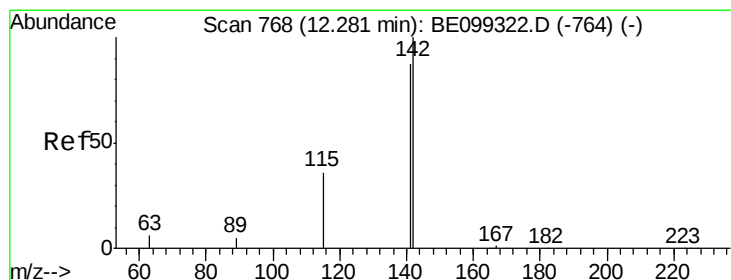
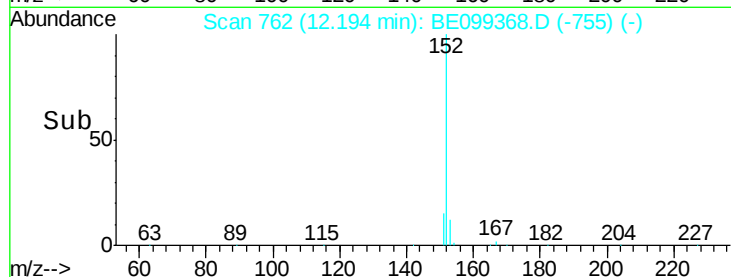
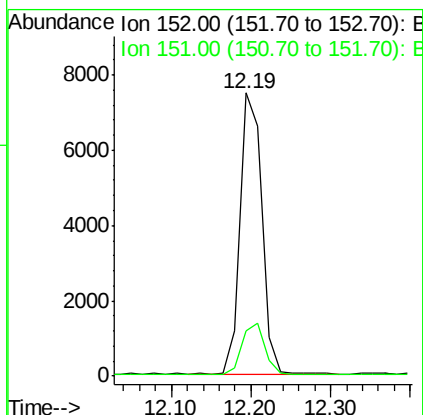
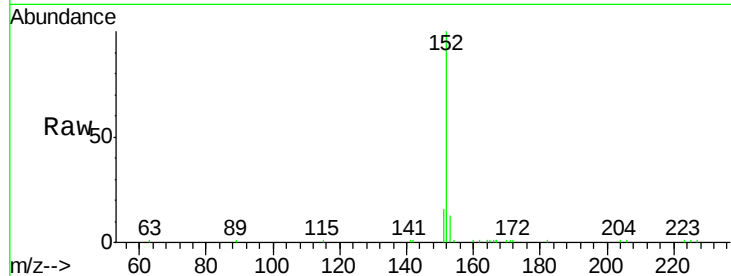




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099368.D
 Acq: 25 Apr 2019 19:13

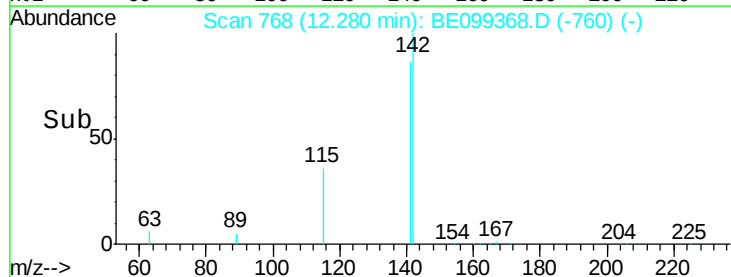
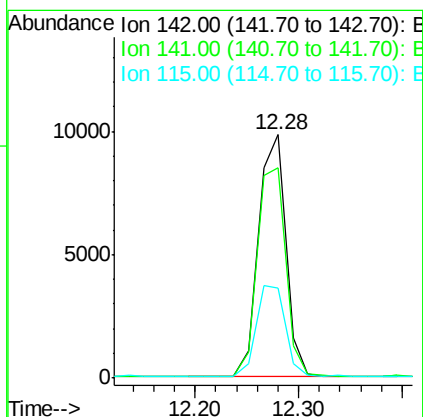
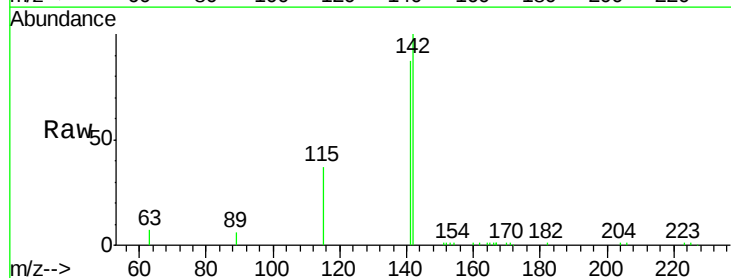
Instrument :
 BNA_E
 ClientSampleId :

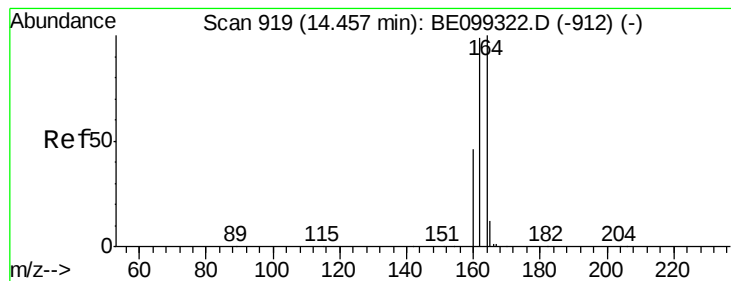
Tot Ion:152 Resp: 14141
 Ion Ratio Lower Upper
 152 100
 151 19.2 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.501 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099368.D
 Acq: 25 Apr 2019 19:13

Tgt Ion:142 Resp: 18077
 Ion Ratio Lower Upper
 142 100
 141 86.6 72.0 108.0
 115 37.1 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

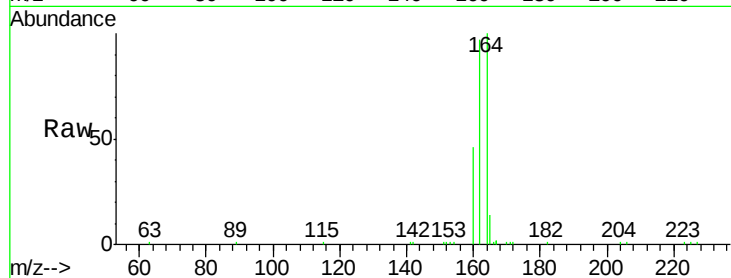
Tot Ion:164 Resp: 13428

Ion Ratio Lower Upper

164 100

162 96.6 77.8 116.6

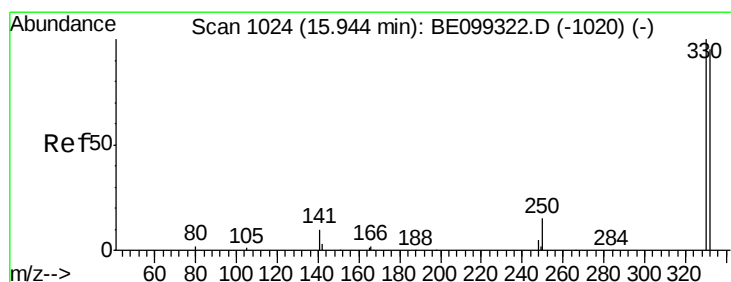
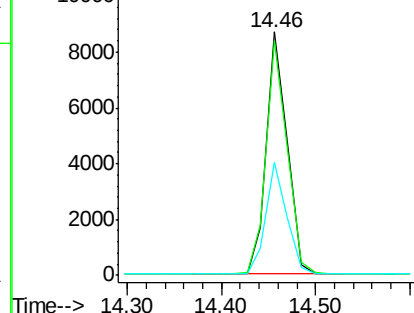
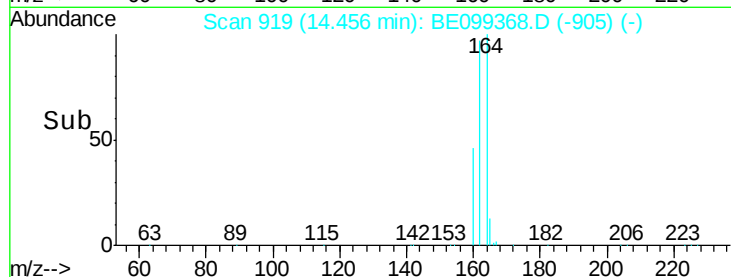
160 46.4 37.1 55.7



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: 0.648 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

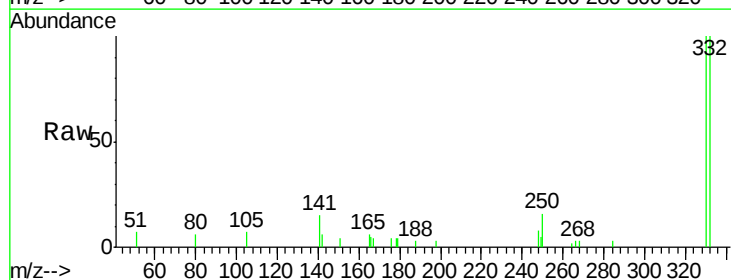
Tgt Ion:330 Resp: 2890

Ion Ratio Lower Upper

330 100

332 96.5 82.5 123.7

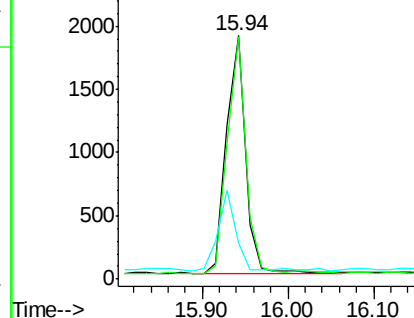
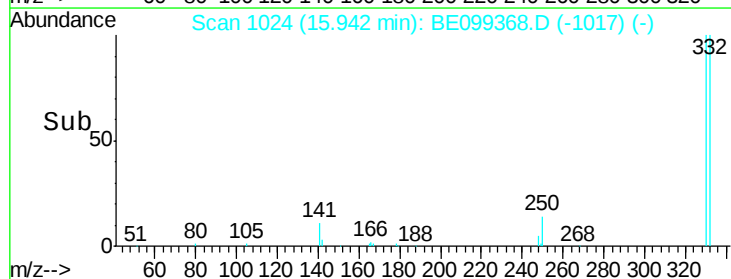
141 31.1 24.9 37.3

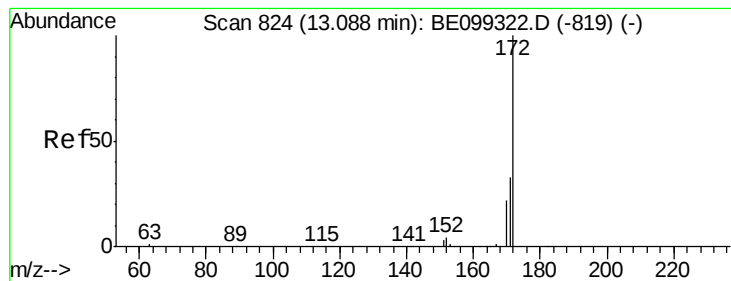


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

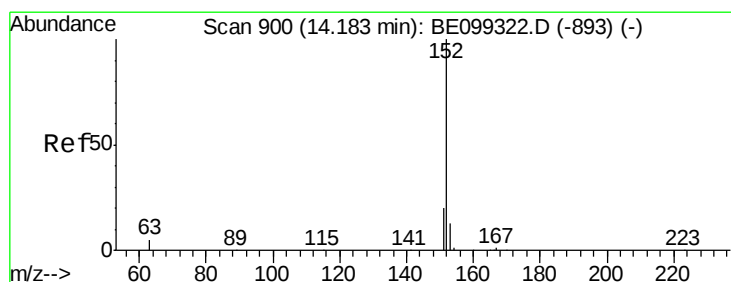
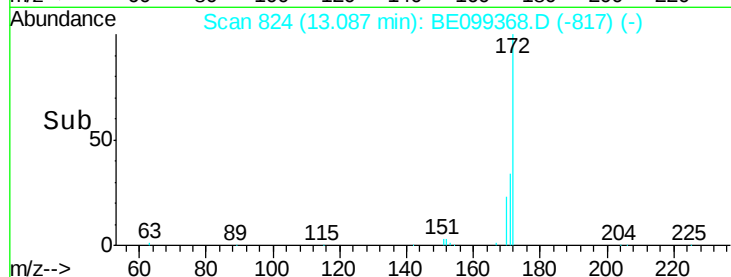
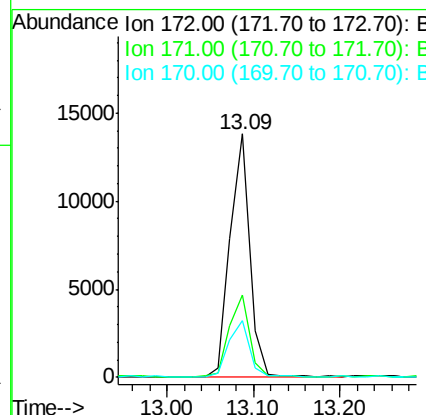
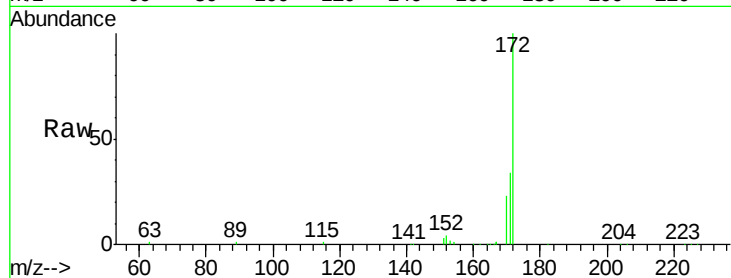




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

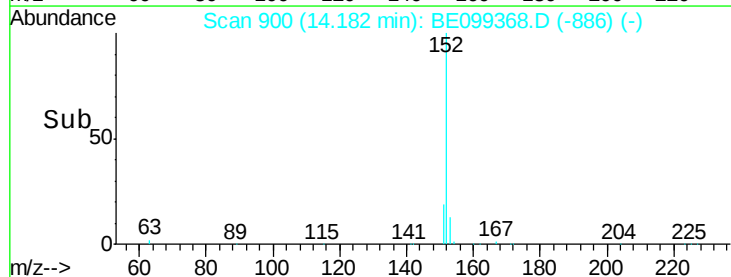
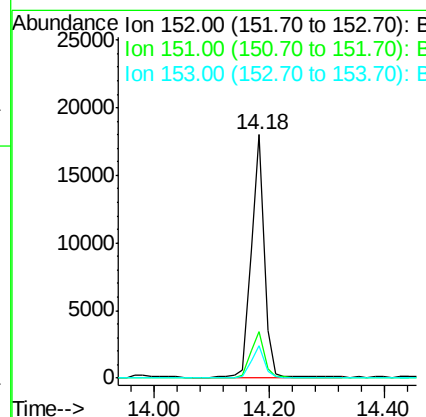
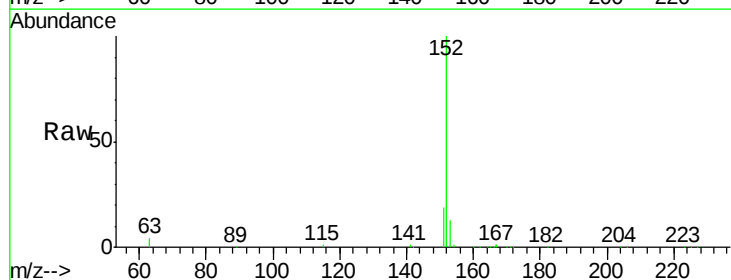
Instrument :
BNA_E
ClientSampleId :

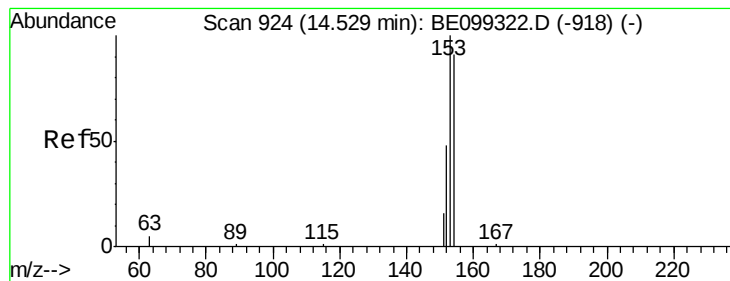
Tot Ion:172 Resp: 21482
Ion Ratio Lower Upper
172 100
171 33.9 26.2 39.2
170 23.2 18.1 27.1



#16
Acenaphthylene
Concen: 0.455 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion:152 Resp: 27607
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

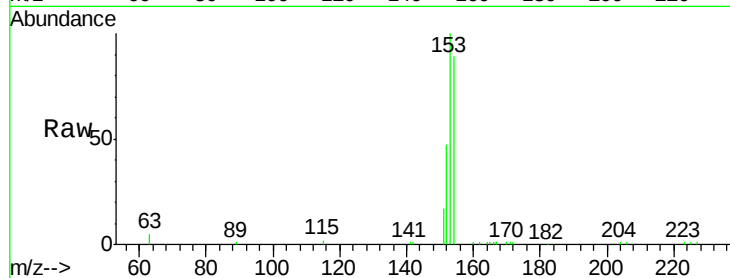
Tot Ion:154 Resp: 15491

Ion Ratio Lower Upper

154 100

153 117.2 94.7 142.1

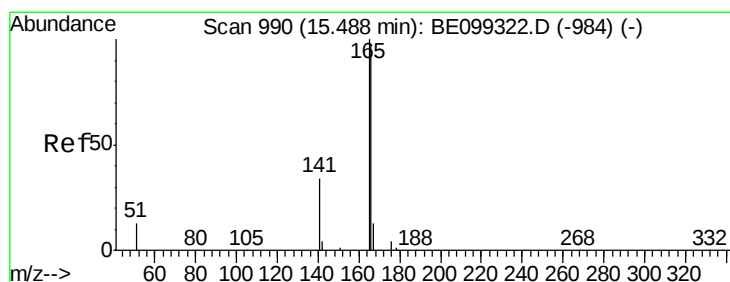
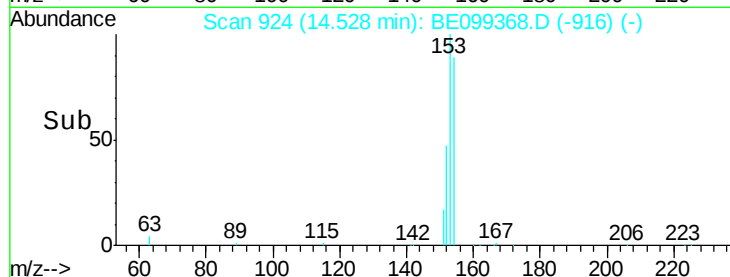
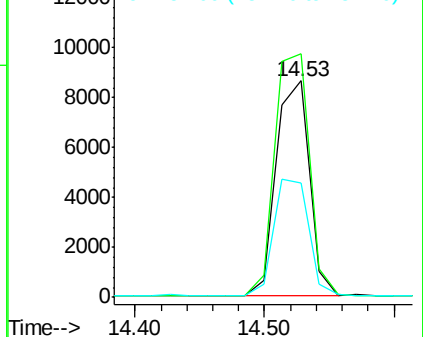
152 56.2 46.4 69.6



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: BE099368.D

Acq: 25 Apr 2019 19:13

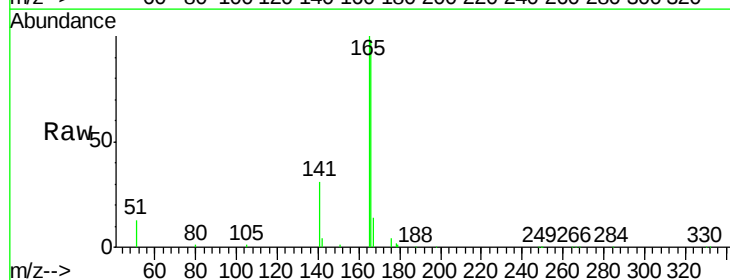
Tgt Ion:166 Resp: 21942

Ion Ratio Lower Upper

166 100

165 100.0 79.7 119.5

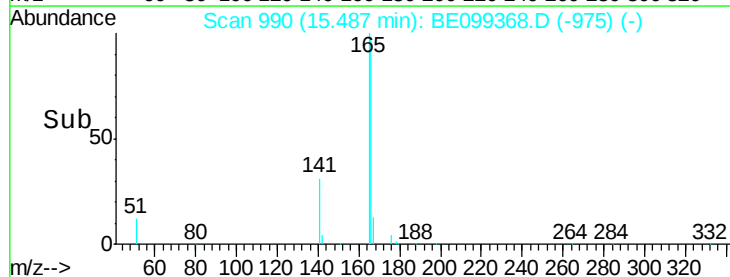
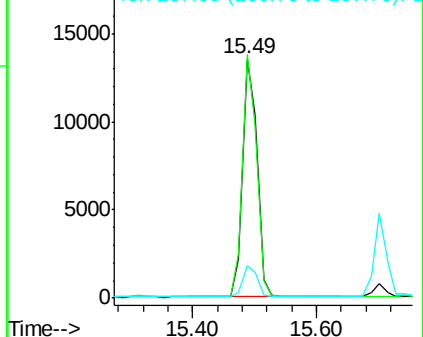
167 13.5 11.0 16.4

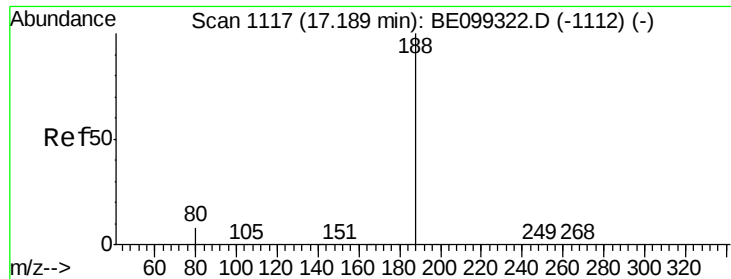


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

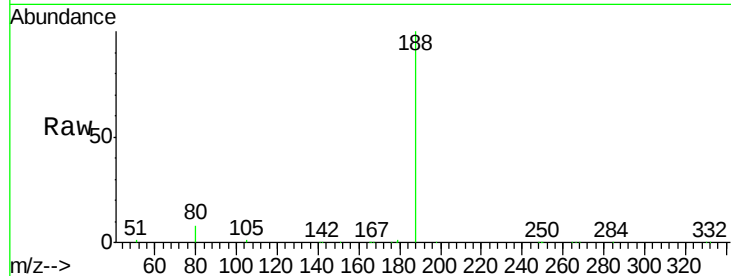
Tot Ion:188 Resp: 35252

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

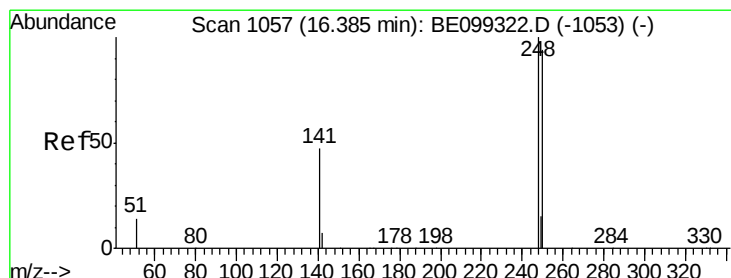
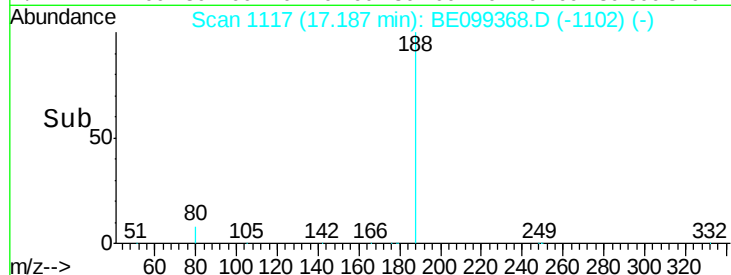
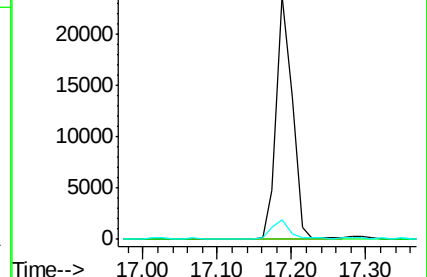
80 8.1 6.2 9.4



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: 0.444 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

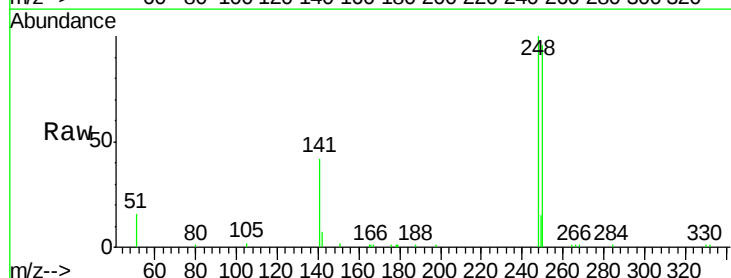
Tgt Ion:248 Resp: 8673

Ion Ratio Lower Upper

248 100

250 96.1 77.0 115.6

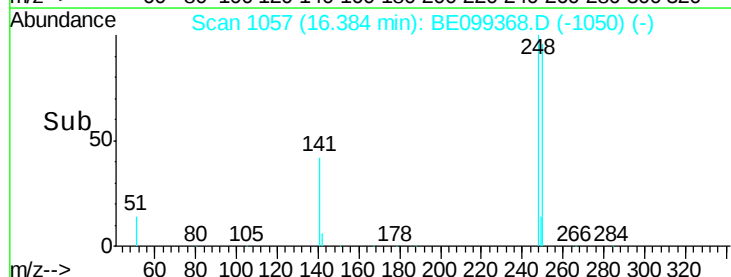
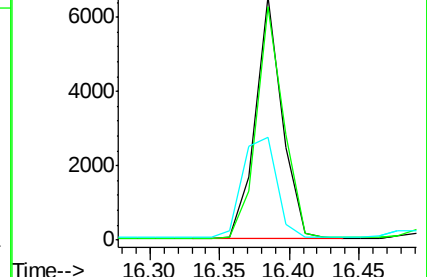
141 42.5 31.1 46.7

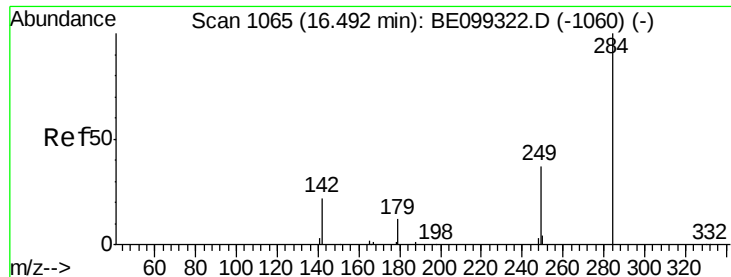


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.436 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

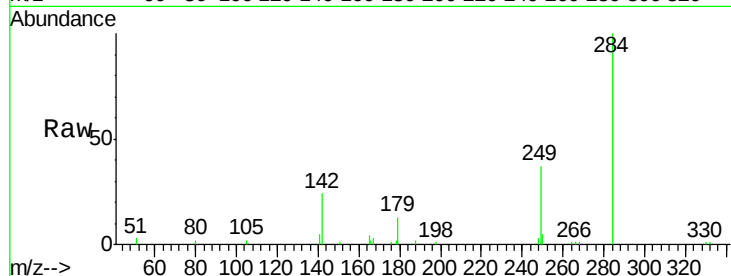
Tot Ion:284 Resp: 8178

Ion Ratio Lower Upper

284 100

142 25.8 21.8 32.6

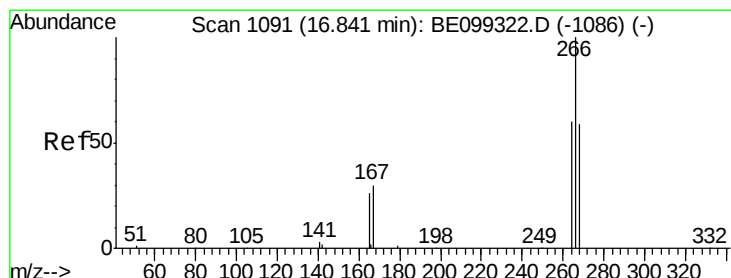
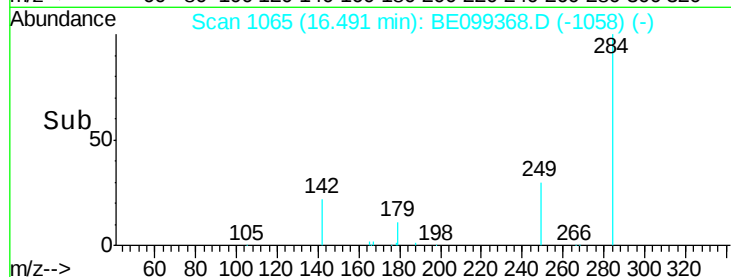
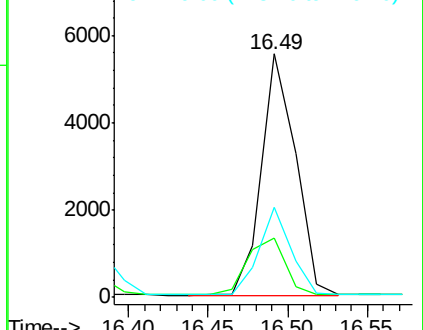
249 34.2 26.2 39.4



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: 0.726 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

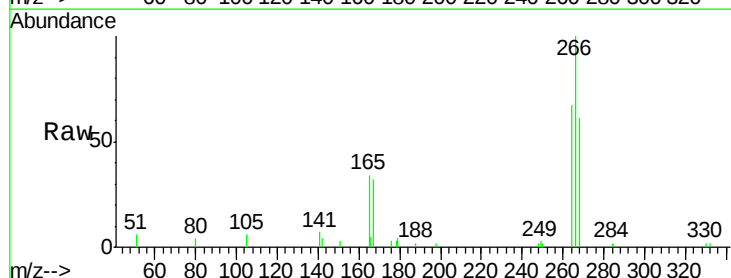
Tgt Ion:266 Resp: 3836

Ion Ratio Lower Upper

266 100

264 66.7 54.5 81.7

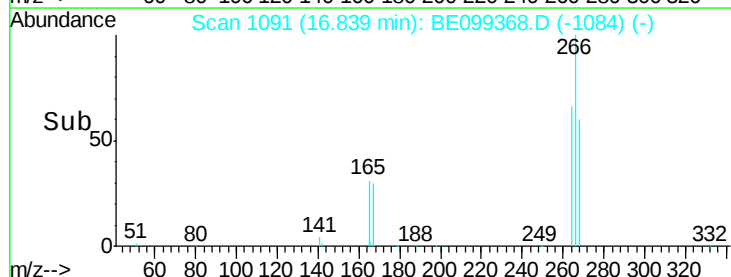
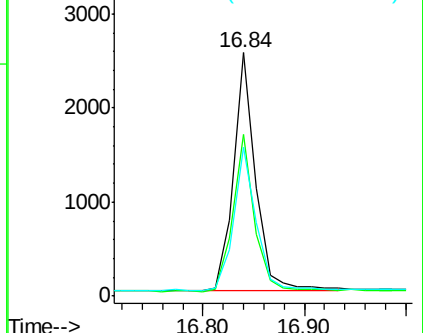
268 61.1 54.3 81.5

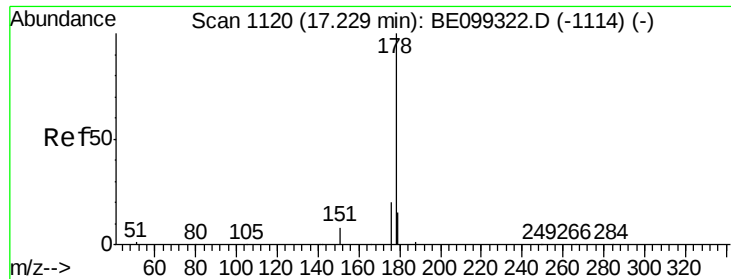


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.425 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

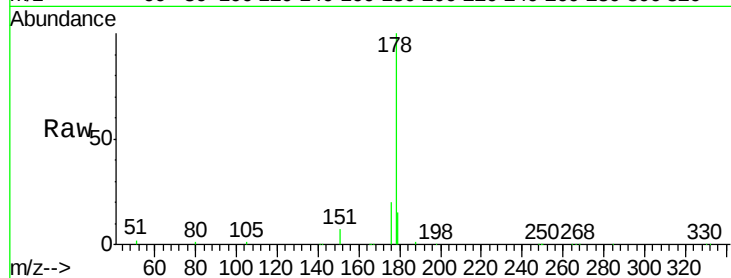
Tot Ion:178 Resp: 39642

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

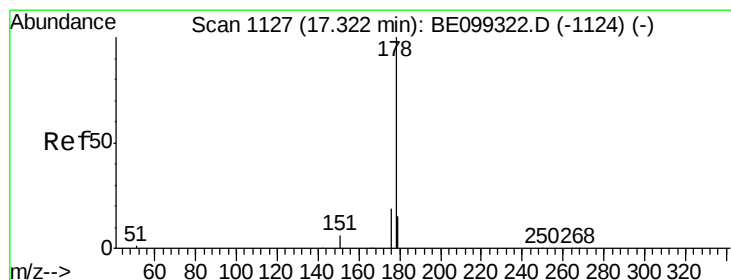
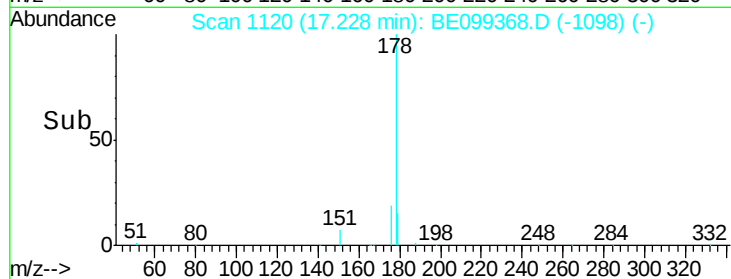
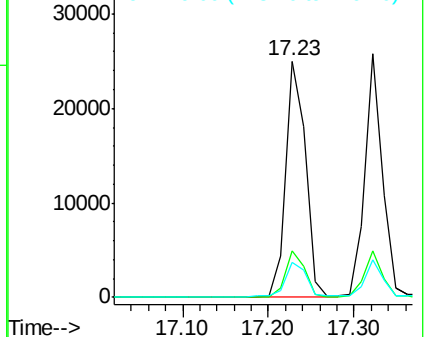
179 15.3 12.4 18.6



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: 0.435 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

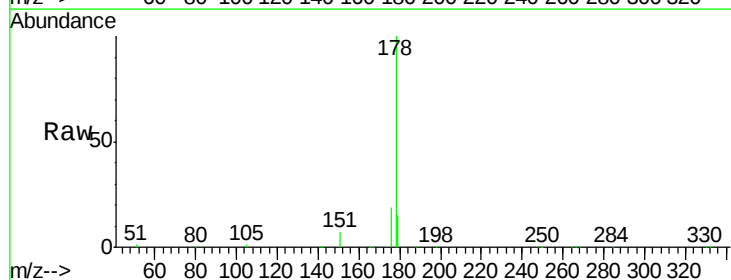
Tgt Ion:178 Resp: 36117

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

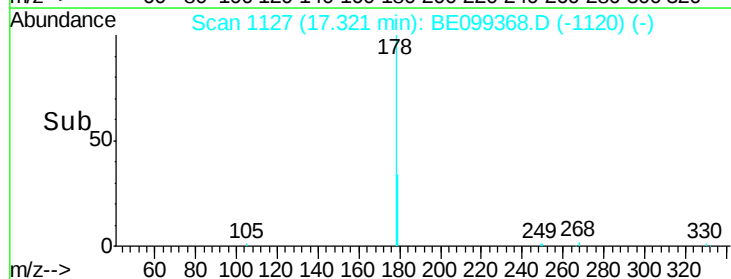
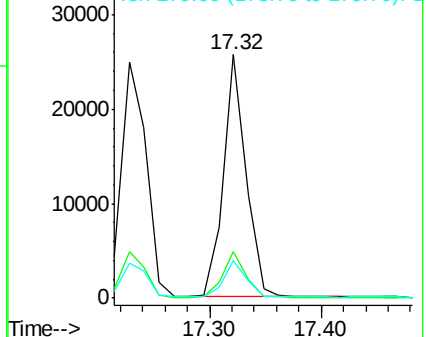
179 15.4 11.9 17.9

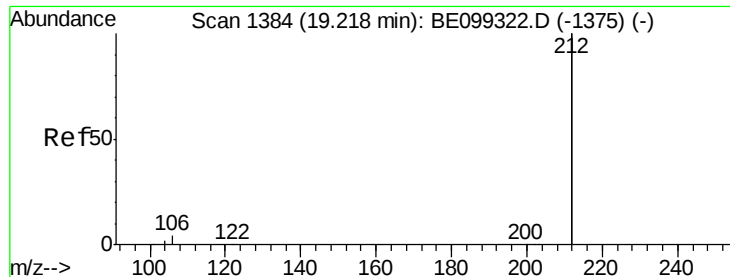


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

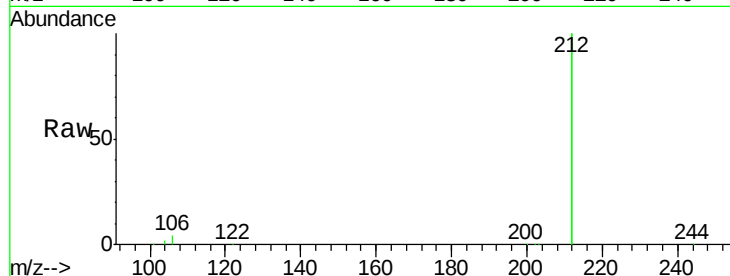
Tot Ion:212 Resp: 178155

Ion Ratio Lower Upper

212 100

106 1.9 1.8 2.6

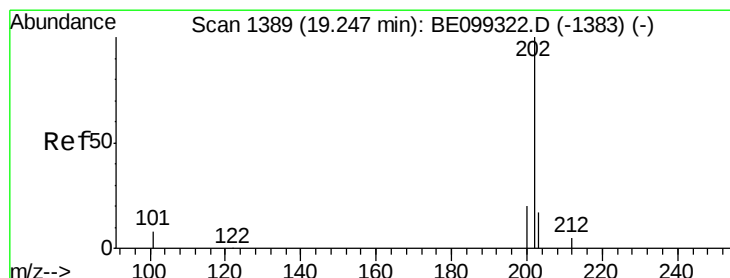
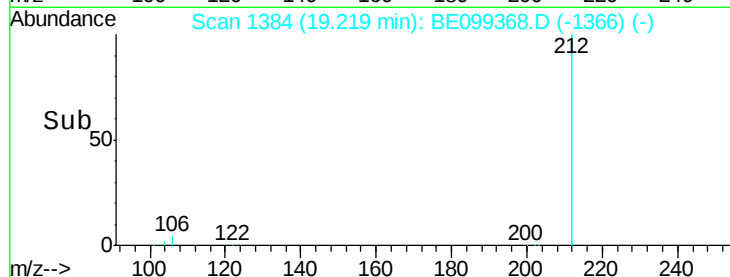
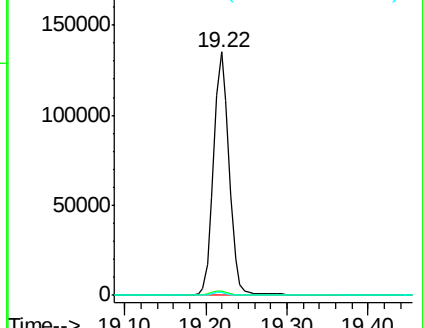
104 1.1 1.0 1.4



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: 0.407 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

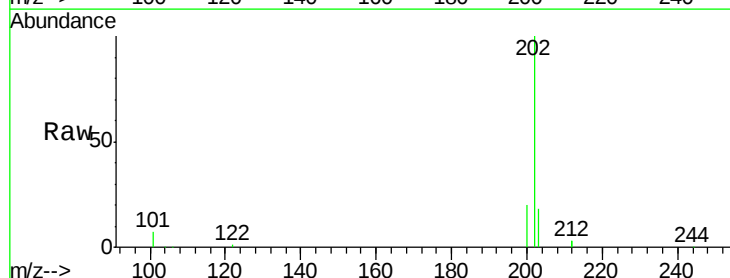
Tgt Ion:202 Resp: 50822

Ion Ratio Lower Upper

202 100

101 7.0 6.4 9.6

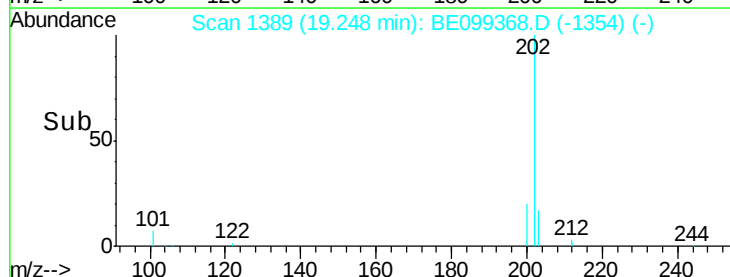
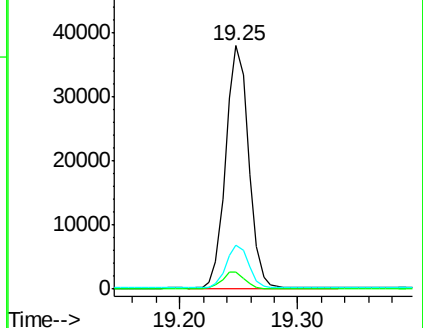
203 17.3 13.5 20.3

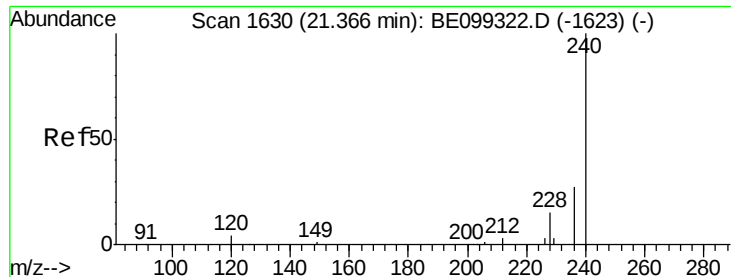


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

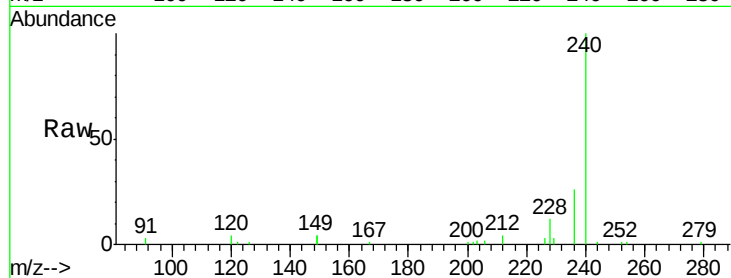
Tot Ion:240 Resp: 42922

Ion Ratio Lower Upper

240 100

120 4.0 2.2 3.2#

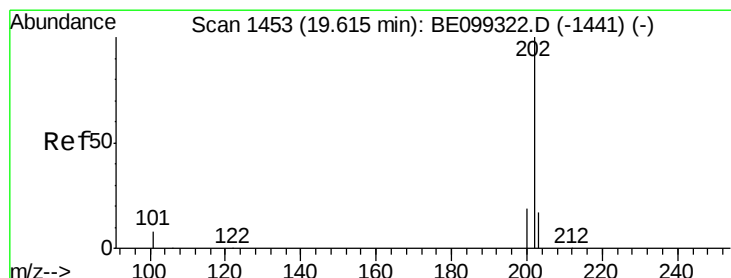
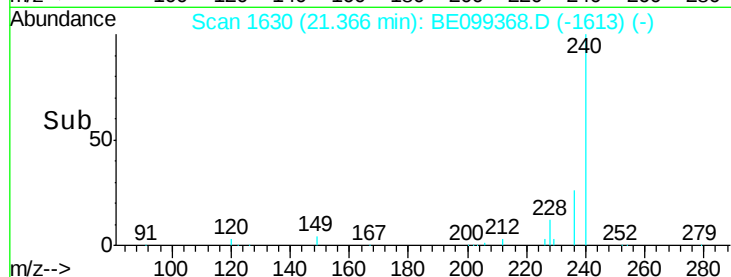
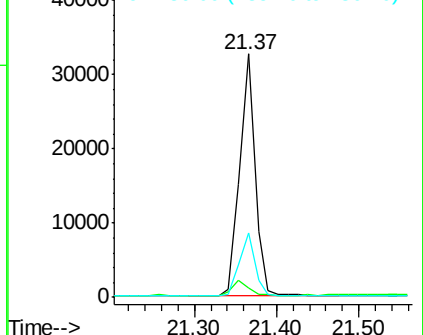
236 26.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.421 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

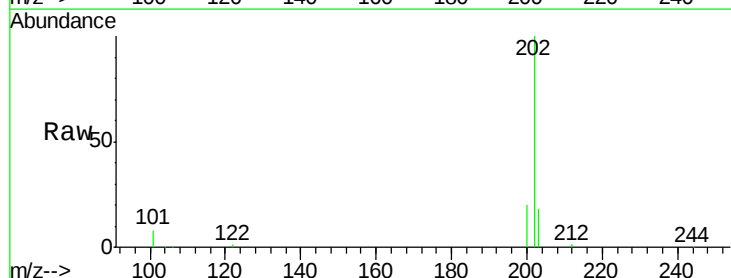
Tgt Ion:202 Resp: 53281

Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

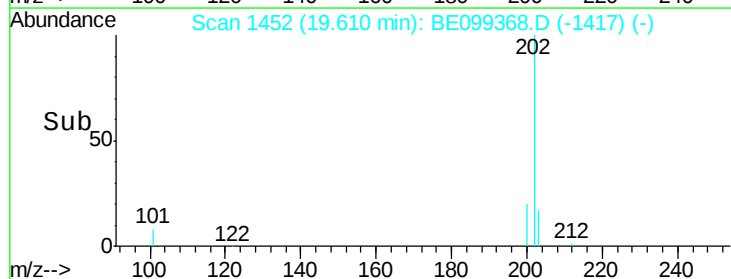
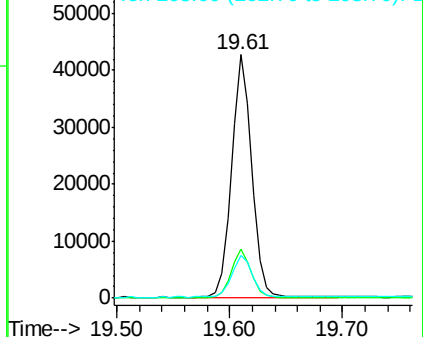
203 17.8 13.7 20.5

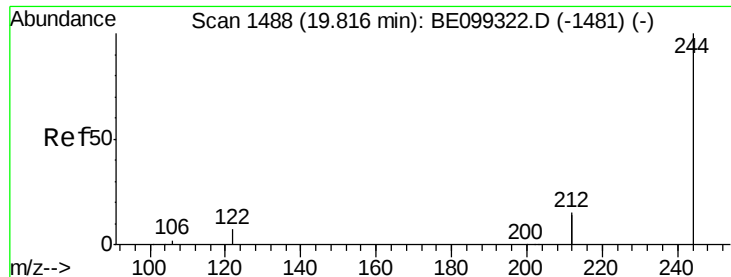


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampled :

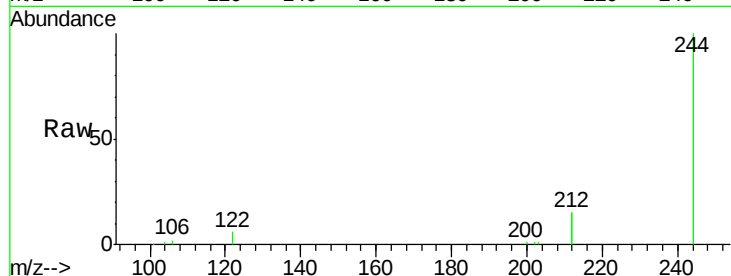
Tot Ion:244 Resp: 35465

Ion Ratio Lower Upper

244 100

212 29.5 22.6 33.8

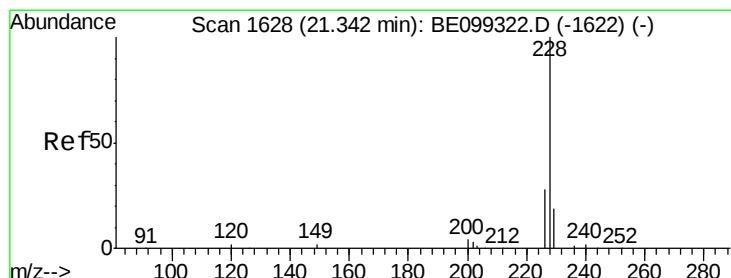
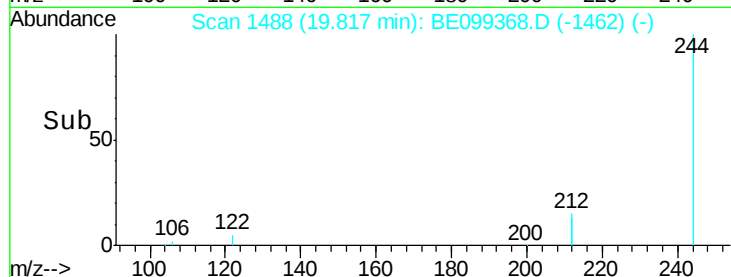
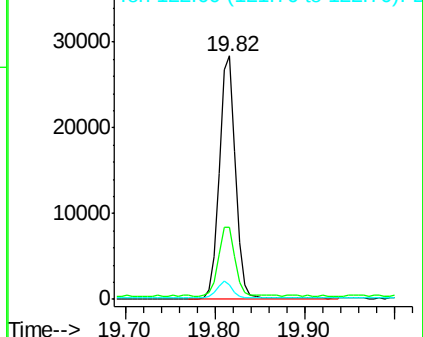
122 5.7 4.6 7.0



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: 0.452 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

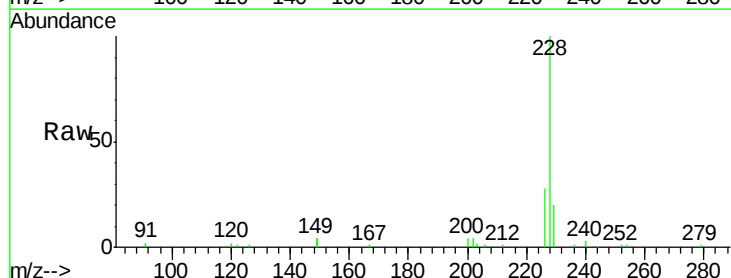
Tgt Ion:228 Resp: 56982

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

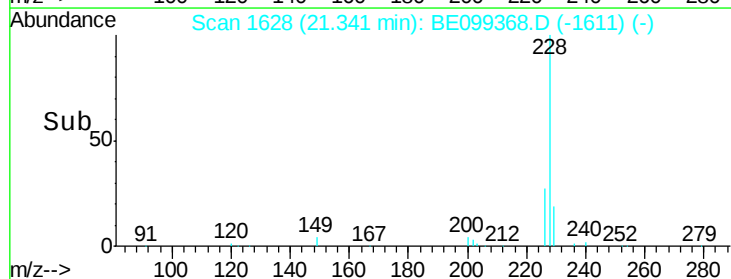
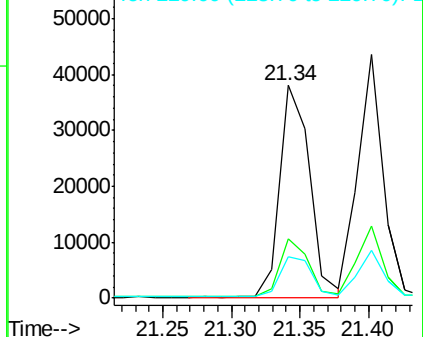
229 19.6 15.8 23.8

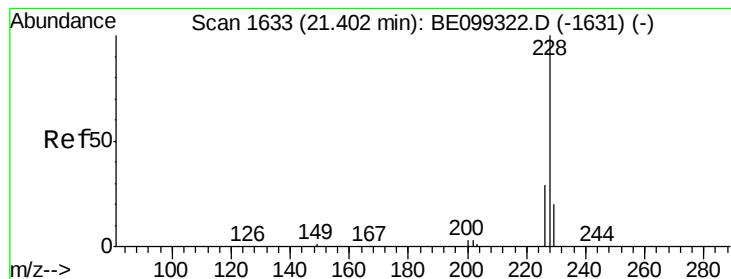


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.412 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleID :

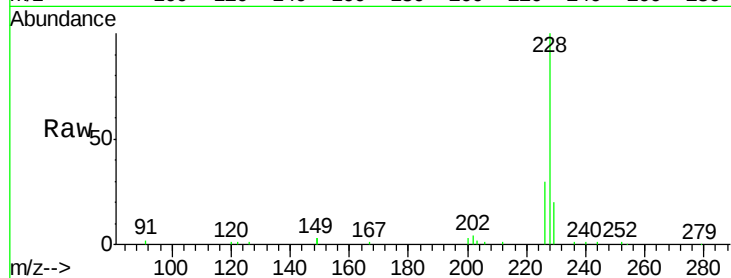
Tot Ion:228 Resp: 55389

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

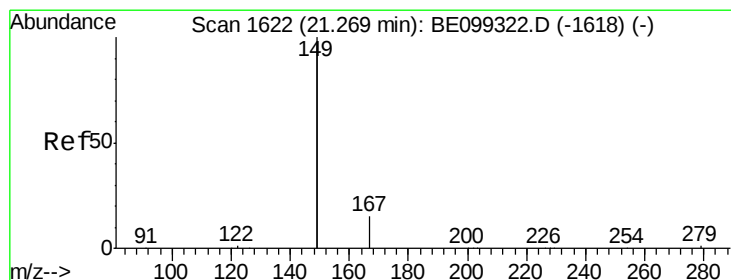
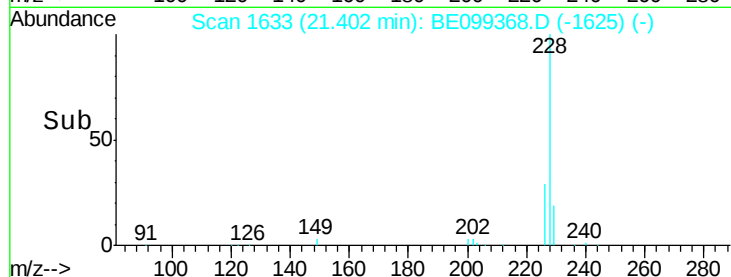
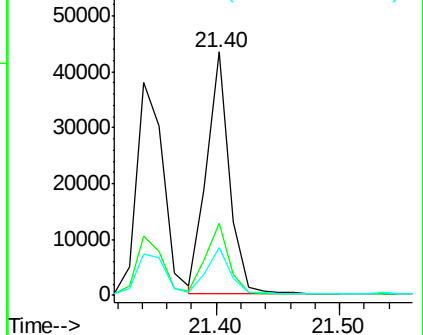
229 19.6 16.2 24.2



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: 0.863 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

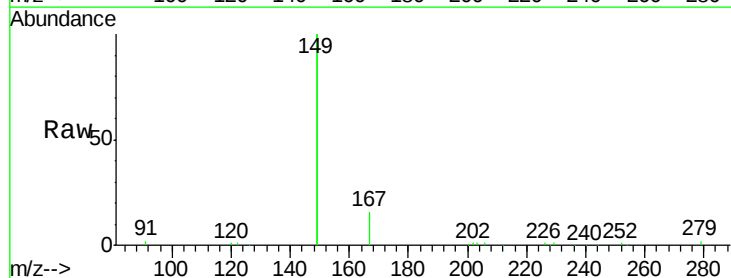
Tgt Ion:149 Resp: 99034

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

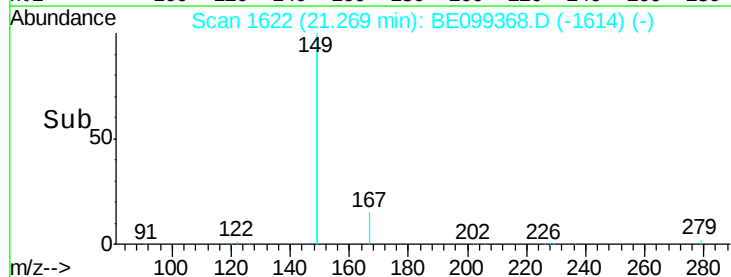
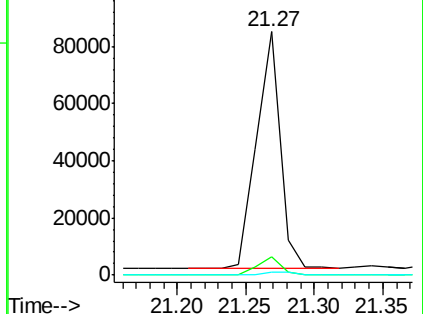
279 1.4 1.1 1.7

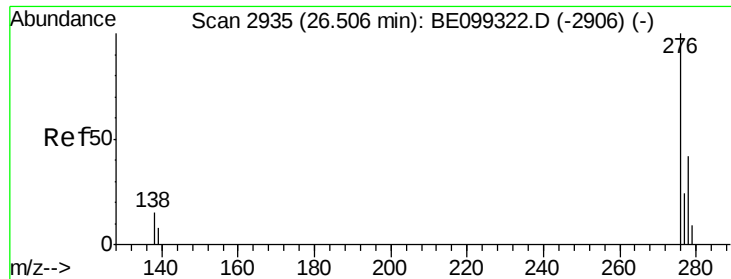


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.460 ng

RT: 26.51 min Scan# 2936

Delta R.T. 0.02 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

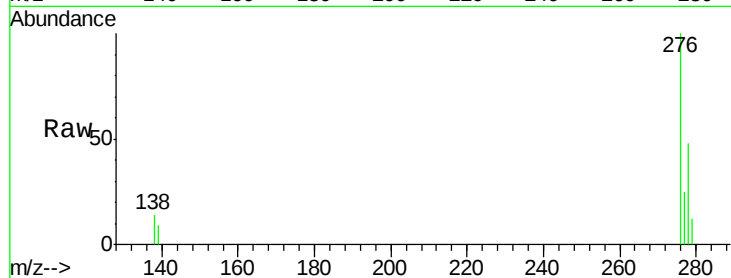
Tot Ion:276 Resp: 60951

Ion Ratio Lower Upper

276 100

138 13.7 12.7 19.1

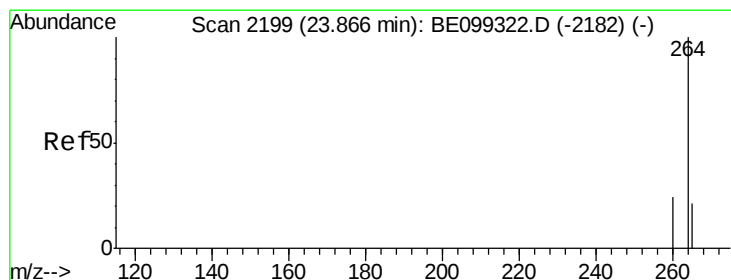
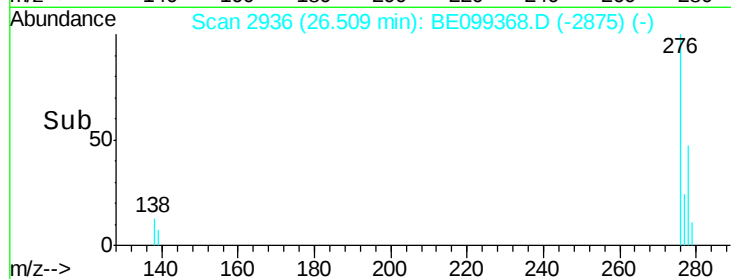
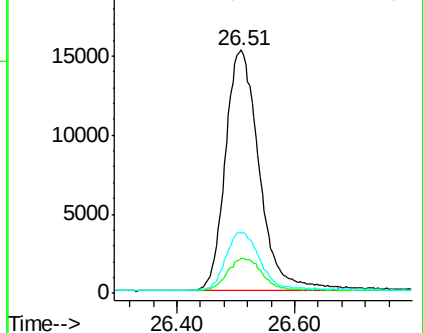
277 23.9 19.6 29.4



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: 23.87 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

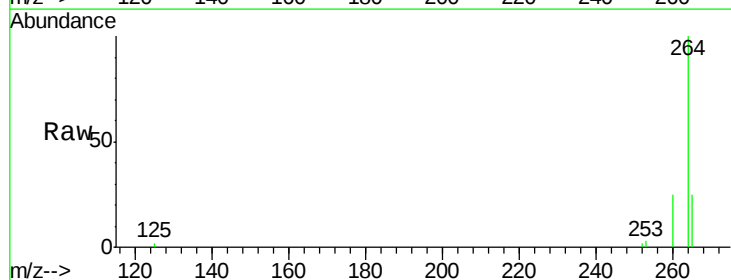
Tgt Ion:264 Resp: 44163

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

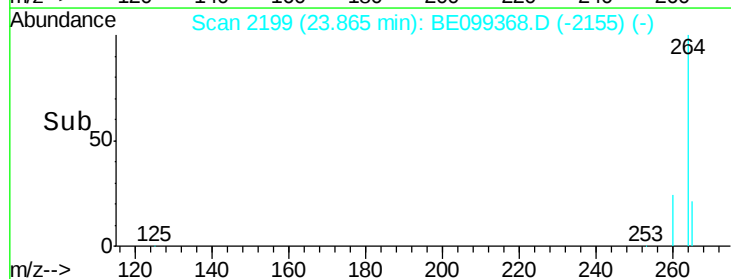
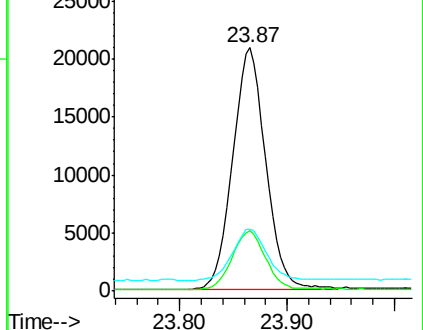
265 25.3 19.9 29.9

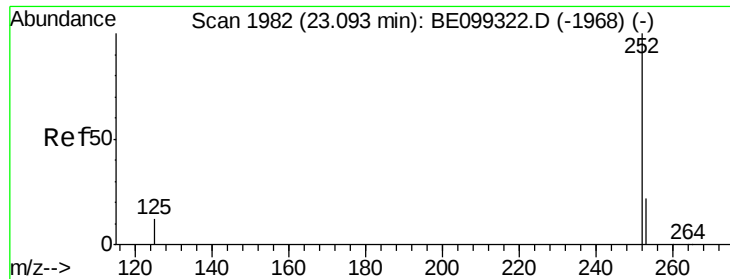


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.15 min Scan# 1997

Delta R.T. 0.06 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

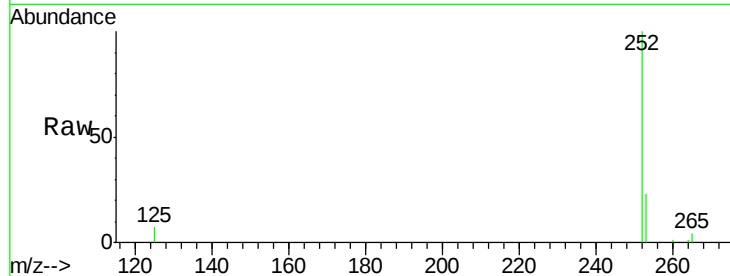
Tot Ion:252 Resp: 51149

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

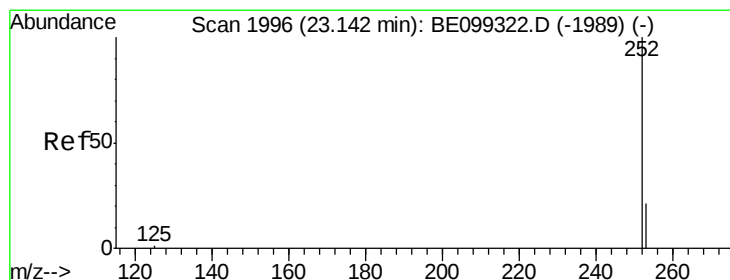
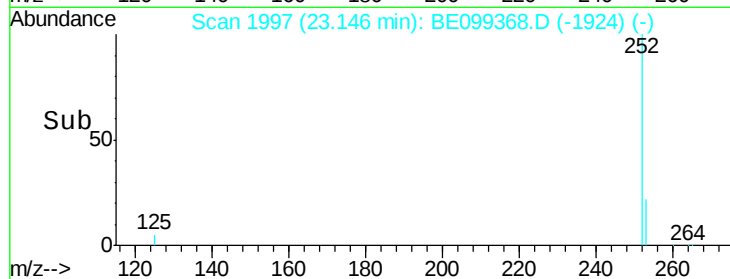
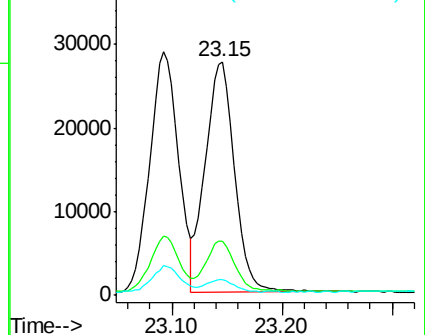
125 6.9 5.8 8.6



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: 0.379 ng

RT: 23.15 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

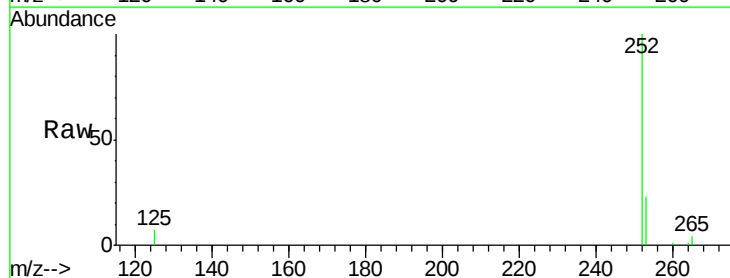
Tgt Ion:252 Resp: 51149

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

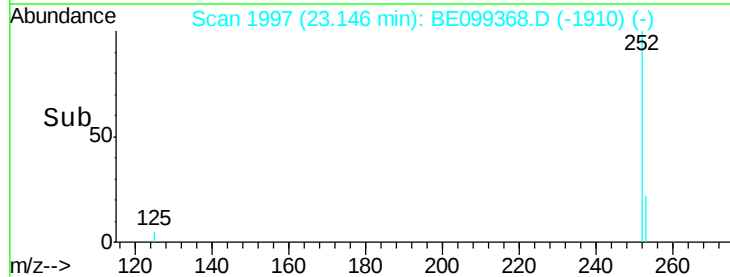
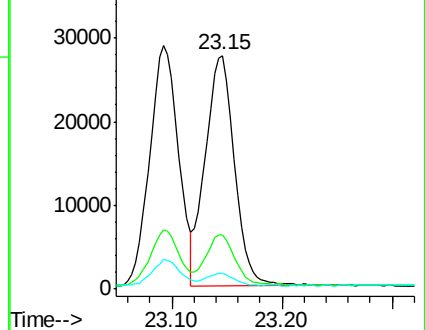
125 6.9 5.4 8.0

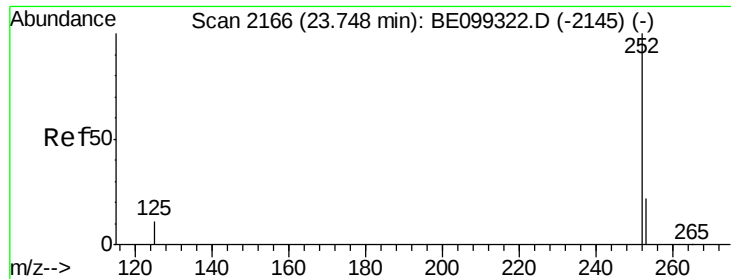


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

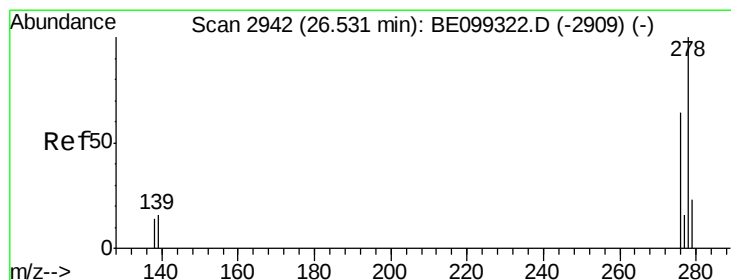
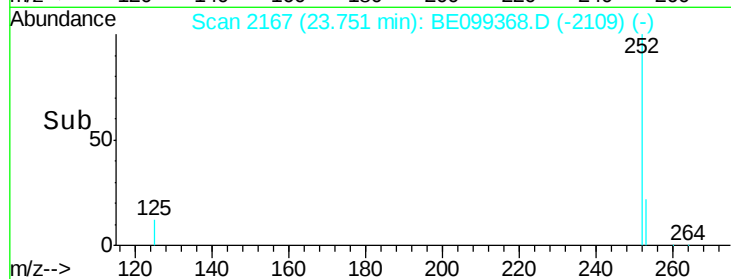
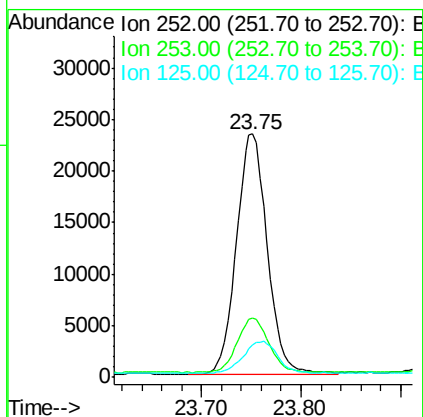
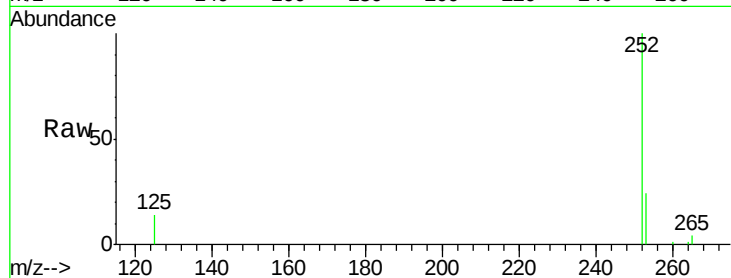




#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

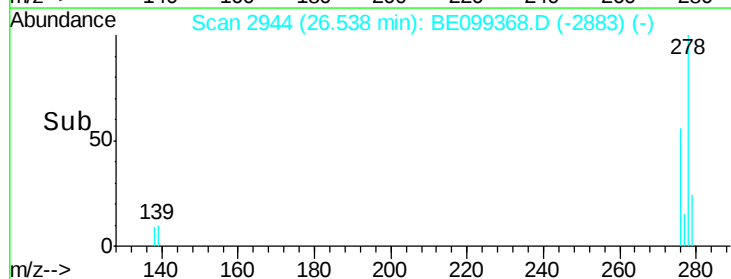
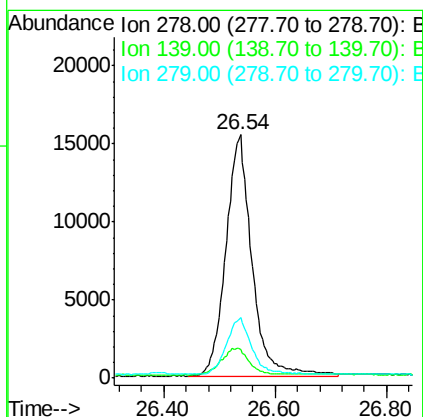
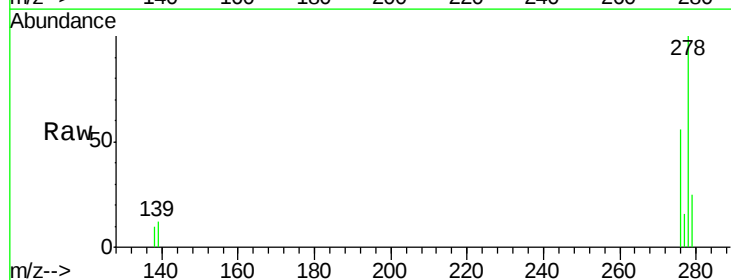
Instrument :
BNA_E
ClientSampleId :

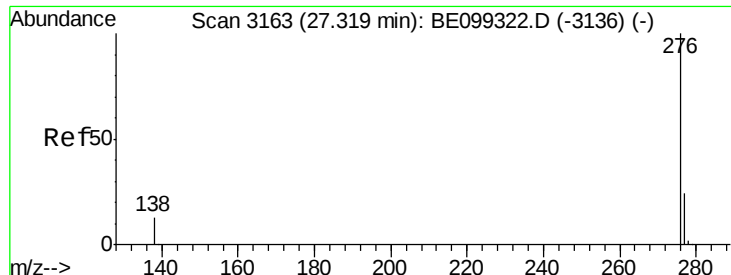
Tot Ion:252 Resp: 50080
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 13.5 6.5 9.7#



#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.02 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion:278 Resp: 50106
Ion Ratio Lower Upper
278 100
139 11.5 8.5 12.7
279 24.8 19.8 29.8





#39

Benzo(a,h,i)perylene

Concen: 0.391 ng

RT: 27.32 min Scan# 3164

Delta R.T. 0.02 min

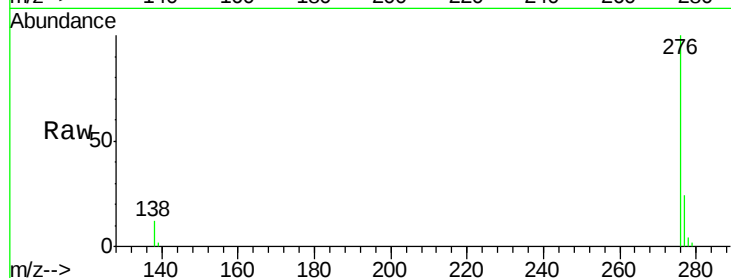
Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :



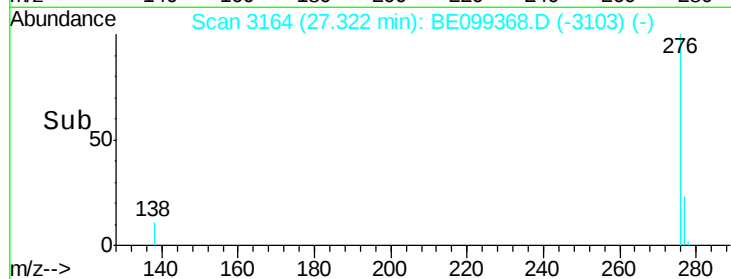
Tot Ion: 276 Resp: 49022

Ion Ratio Lower Upper

276 100

277 24.2 20.0 30.0

138 11.8 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

