

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099405.D
 Acq On : 27 Apr 2019 7:55
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 29 00:57:58 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	3426	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	13241	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9161	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	23862	0.40	ng	0.01
27) Chrysene-d12	21.37	240	29834	0.40	ng	0.00
34) Perylene-d12	23.88	264	30210	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3894	0.47	ng	0.01
5) Phenol-d6	6.97	99	5649	0.47	ng	0.00
8) Nitrobenzene-d5	8.97	82	5078	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9238	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2159	0.71	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14417	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	117753	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	24072	0.41	ng	0.00

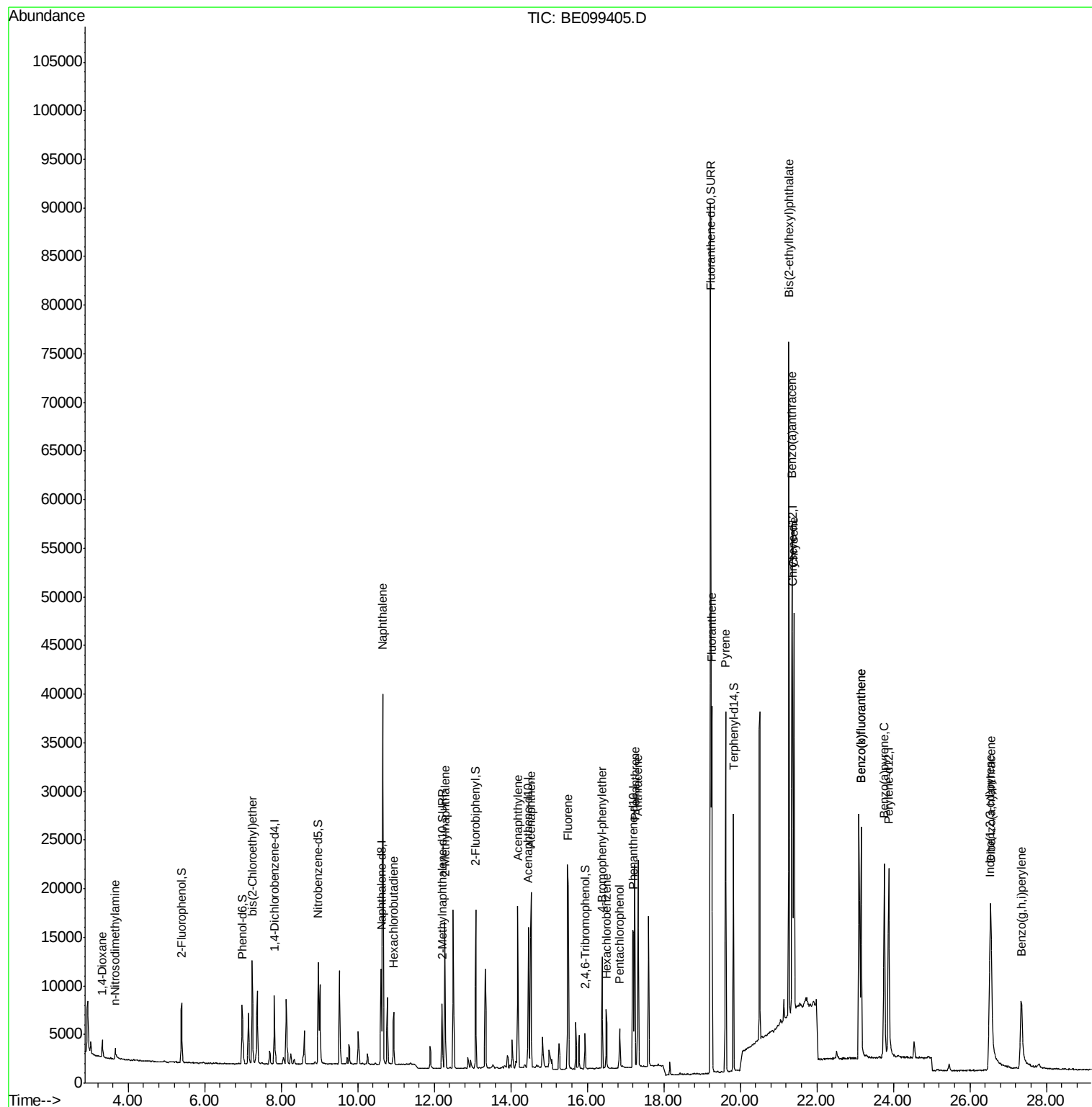
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1517	0.316	ng	96
3) n-Nitrosodimethylamine	3.65	42	948	0.367	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	4139	0.371	ng	99
9) Naphthalene	10.65	128	62437	0.432	ng	100
10) Hexachlorobutadiene	10.94	225	4079	0.445	ng	99
12) 2-Methylnaphthalene	12.28	142	10671	0.434	ng	97
16) Acenaphthylene	14.18	152	17849	0.431	ng	98
17) Acenaphthene	14.53	154	10030	0.393	ng	98
18) Fluorene	15.50	166	14374	0.392	ng	98
20) 4-Bromophenyl-phenylether	16.39	248	5591	0.423	ng	# 92
21) Hexachlorobenzene	16.51	284	5558	0.437	ng	97
22) Pentachlorophenol	16.84	266	2488	0.705	ng	92
23) Phenanthrene	17.24	178	24893	0.394	ng	100
24) Anthracene	17.32	178	23336	0.415	ng	99
26) Fluoranthene	19.25	202	33723	0.399	ng	99
28) Pyrene	19.61	202	35343	0.402	ng	99
30) Benzo(a)anthracene	21.35	228	37755	0.430	ng	98
31) Chrysene	21.40	228	36471	0.391	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	69085	0.866	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	33547	0.364	ng	# 90
35) Benzo(b)fluoranthene	23.15	252	34757	0.376	ng	96
36) Benzo(k)fluoranthene	23.15	252	34757	0.377	ng	98
37) Benzo(a)pyrene	23.76	252	33814	0.408	ng	# 91
38) Dibenzo(a,h)anthracene	26.55	278	28465	0.336	ng	# 95
39) Benzo(g,h,i)perylene	27.35	276	23813	0.277	ng	97

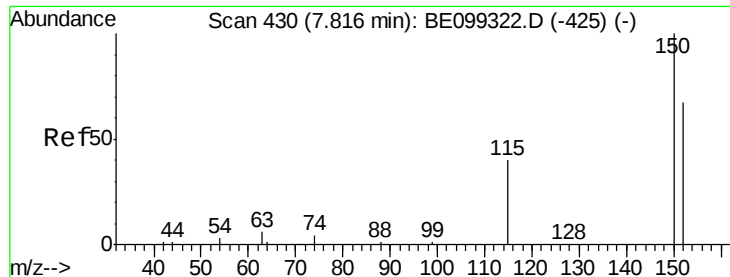
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 29 00:47:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

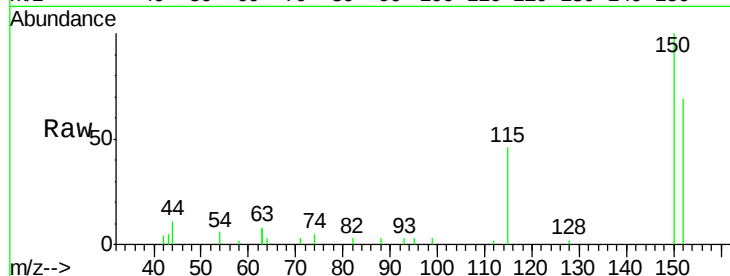
Tot Ion:152 Resp: 3426

Ion Ratio Lower Upper

152 100

150 144.4 119.5 179.3

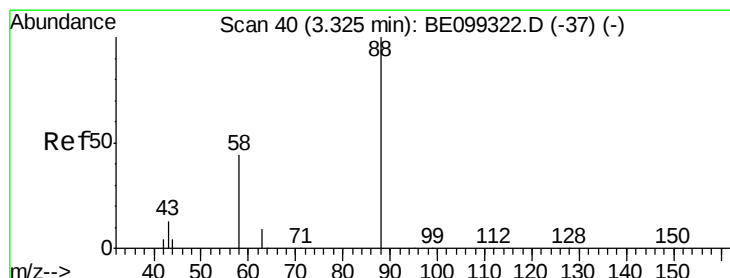
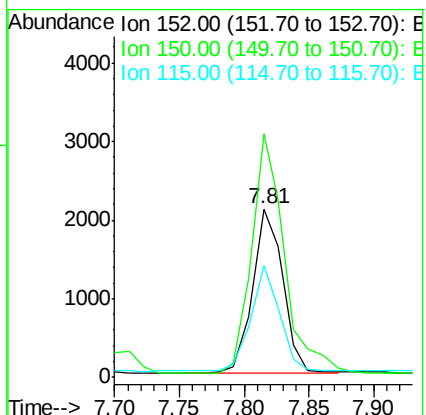
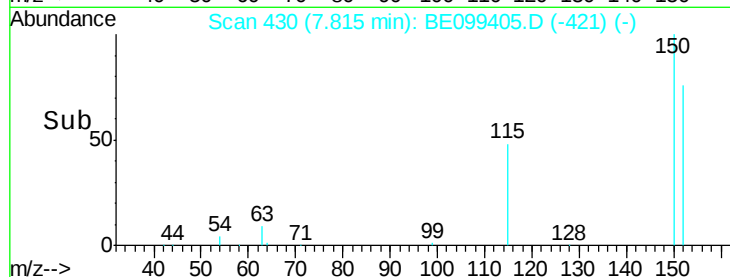
115 66.2 47.5 71.3



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: 0.316 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

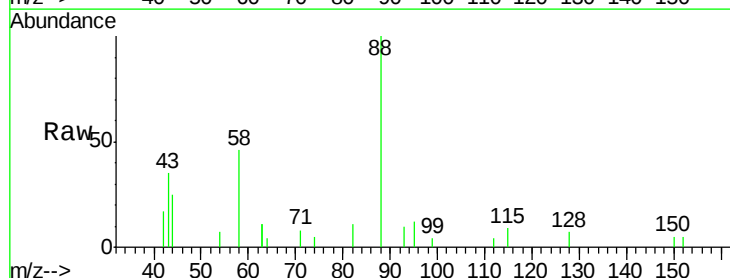
Tgt Ion: 88 Resp: 1517

Ion Ratio Lower Upper

88 100

58 57.8 49.1 73.7

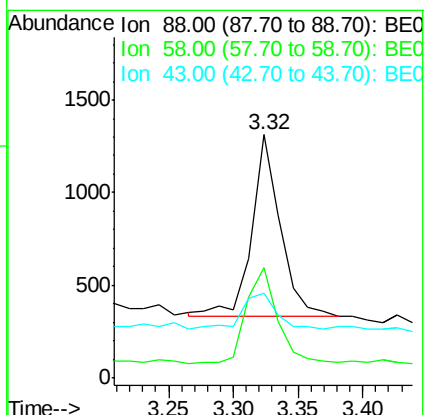
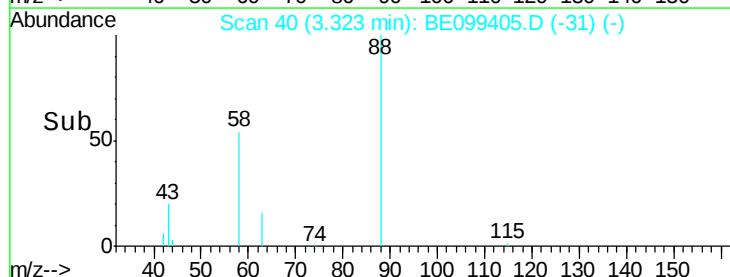
43 23.1 17.9 26.9

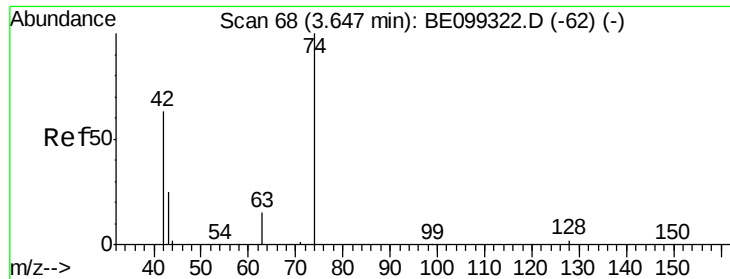


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.367 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

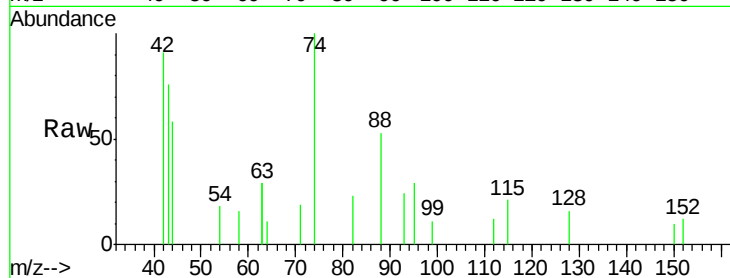
Tot Ion: 42 Resp: 948

Ion Ratio Lower Upper

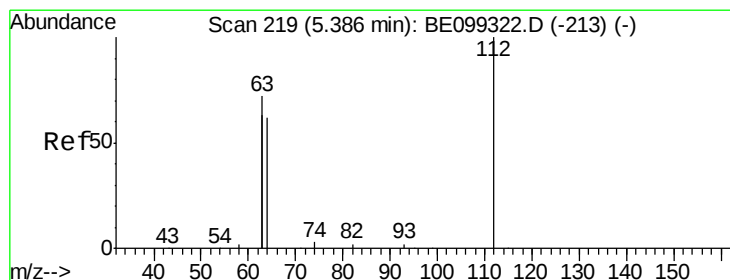
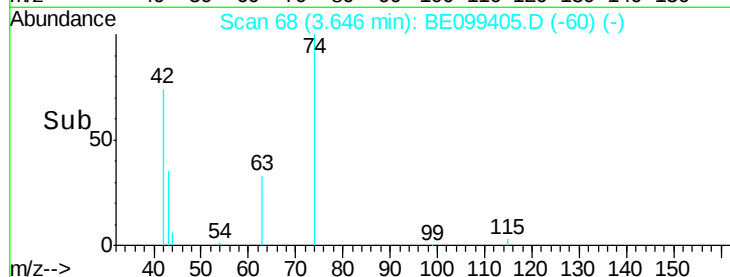
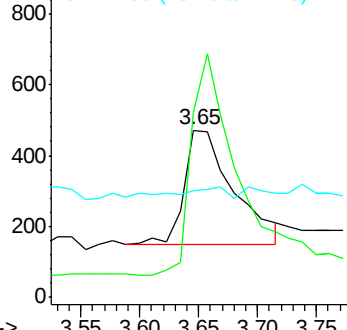
42 100

74 173.2 145.8 218.8

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: 0.465 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

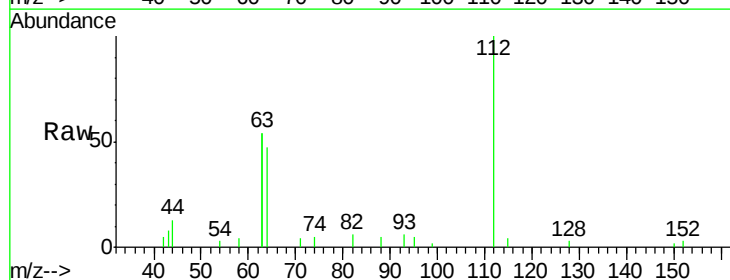
Tgt Ion: 112 Resp: 3894

Ion Ratio Lower Upper

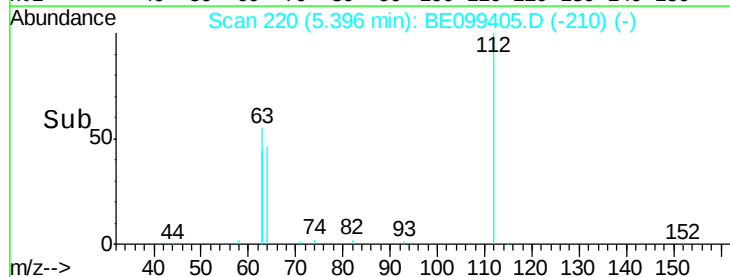
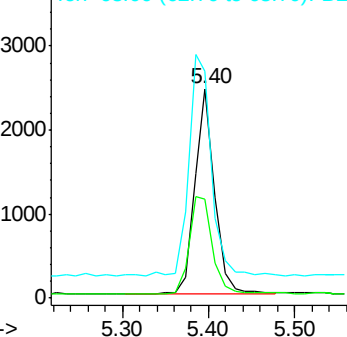
112 100

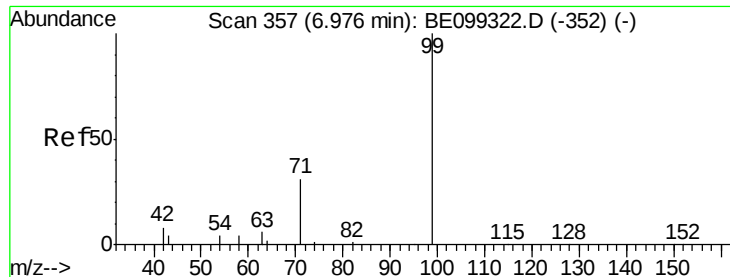
64 55.5 44.9 67.3

63 123.5 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: 0.473 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

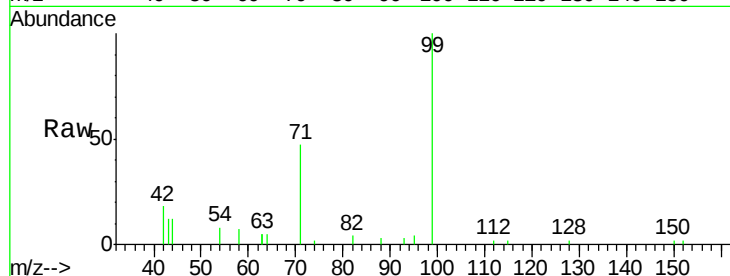
Tot Ion: 99 Resp: 5649

Ion Ratio Lower Upper

99 100

42 15.8 11.7 17.5

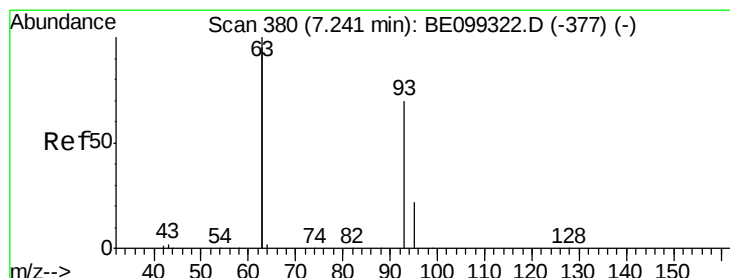
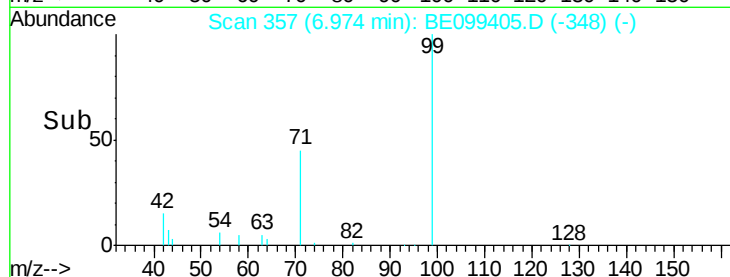
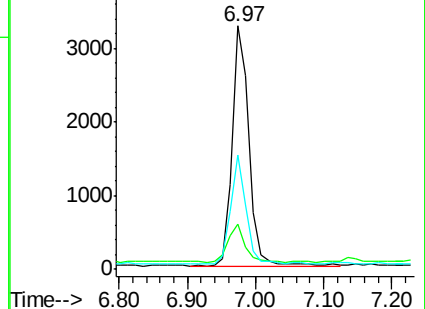
71 41.4 29.6 44.4



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: 0.371 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

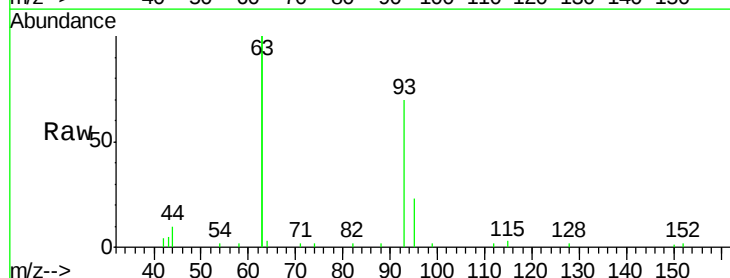
Tgt Ion: 93 Resp: 4139

Ion Ratio Lower Upper

93 100

63 268.2 216.6 324.8

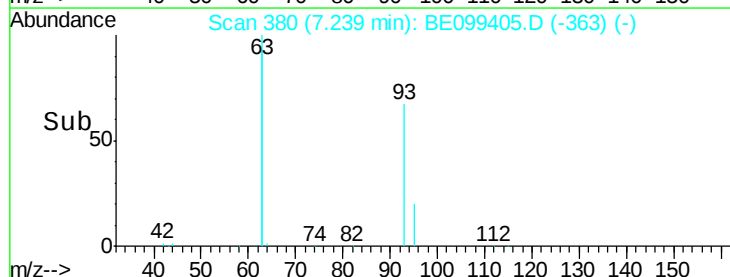
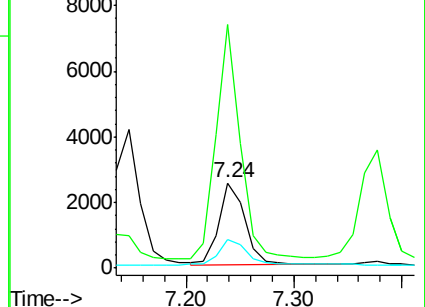
95 33.1 25.8 38.6

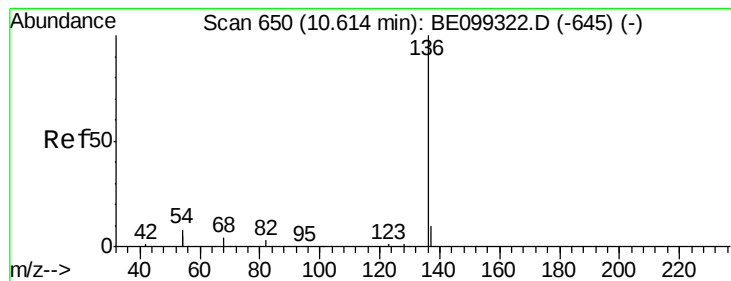


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.62 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13241

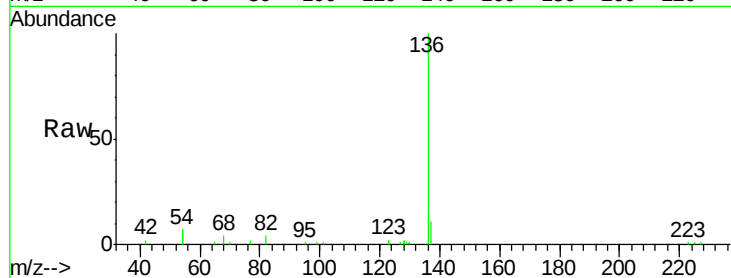
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 14.4 23.8 35.8#

68 4.5 6.4 9.6#

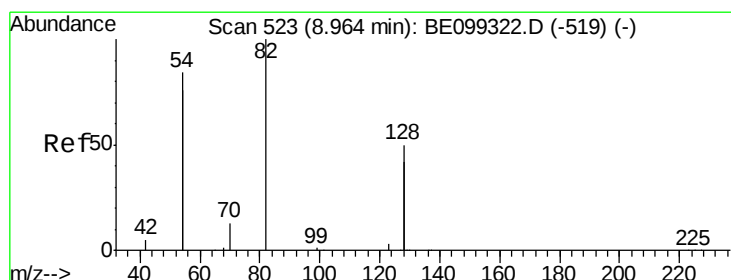
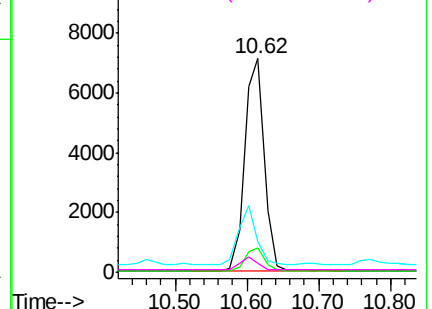
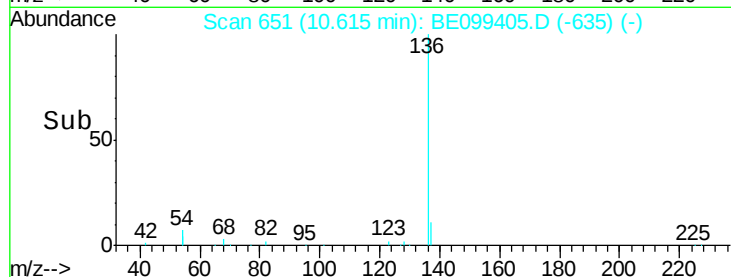


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.494 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

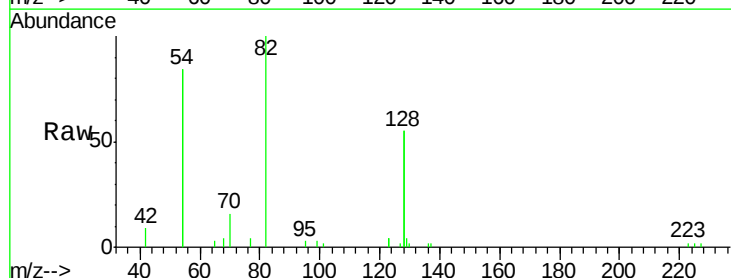
Tgt Ion: 82 Resp: 5078

Ion Ratio Lower Upper

82 100

128 109.7 91.7 137.5

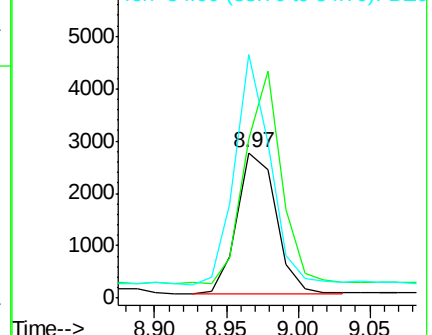
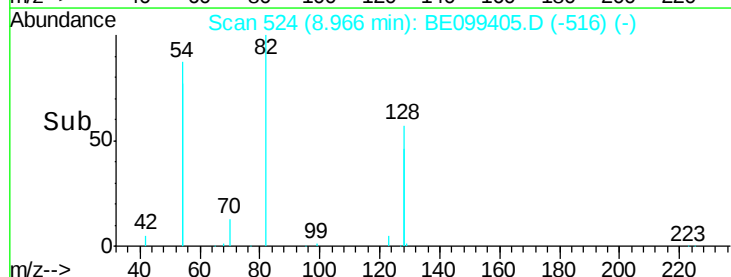
54 167.5 122.8 184.2

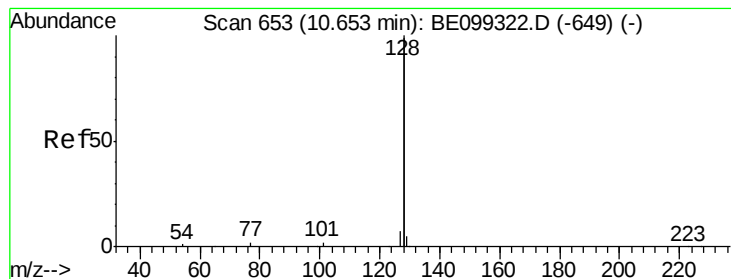


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.432 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

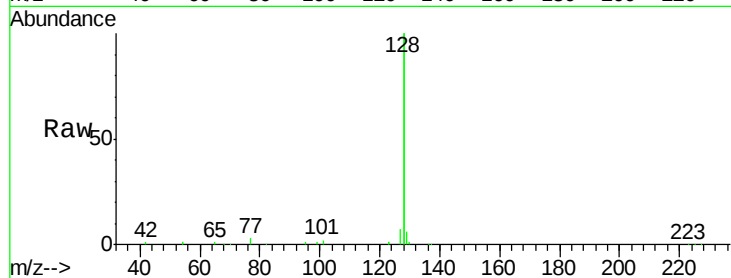
Tot Ion:128 Resp: 62437

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

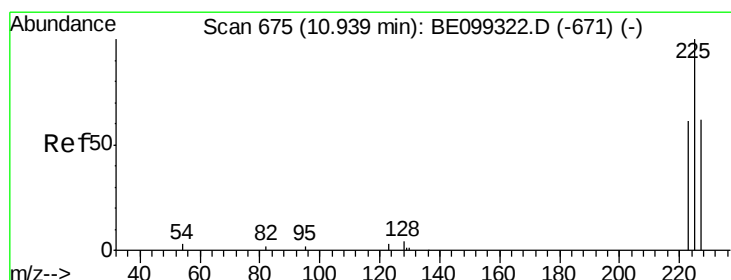
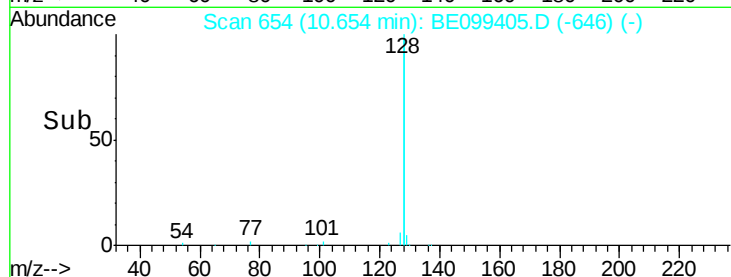
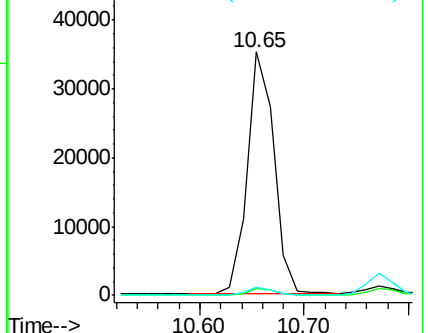
127 3.4 2.8 4.2



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: 0.445 ng

RT: 10.94 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

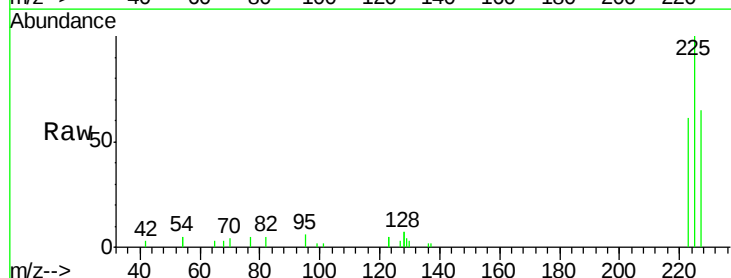
Tgt Ion:225 Resp: 4079

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

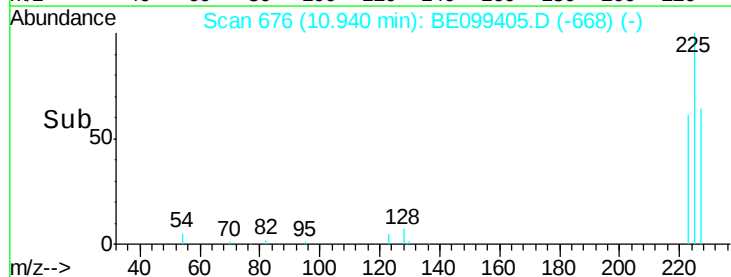
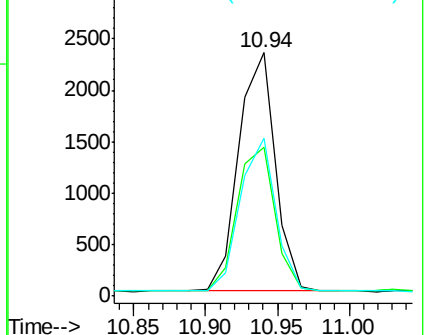
227 62.5 49.4 74.0

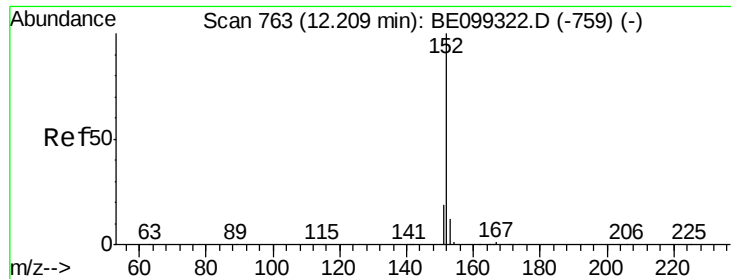


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

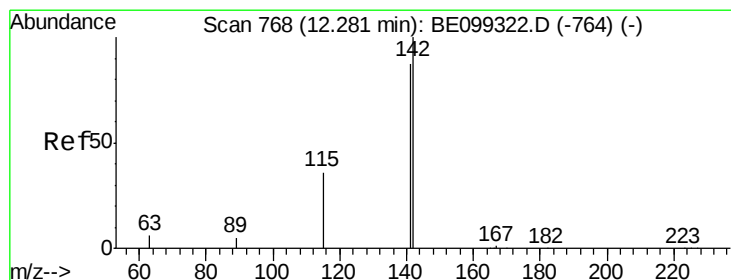
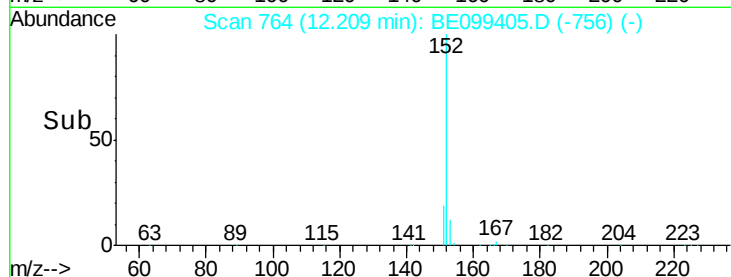
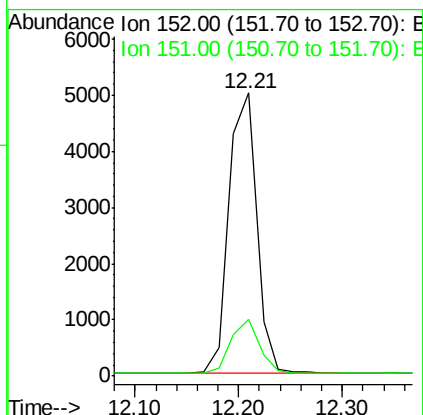
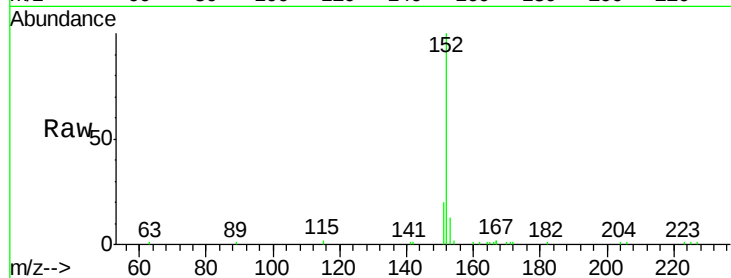




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.21 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

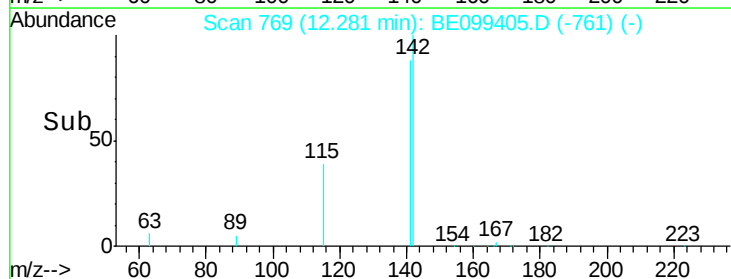
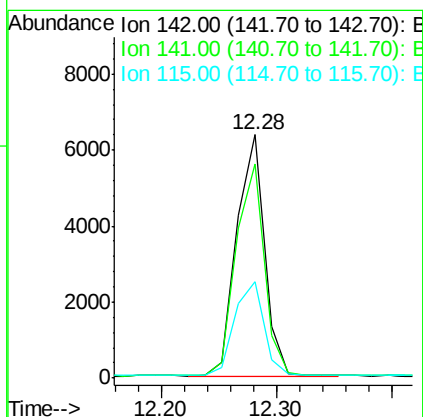
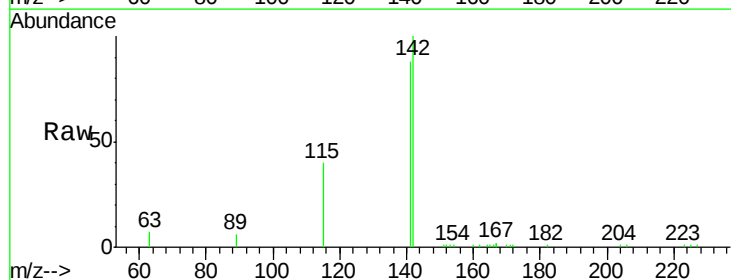
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

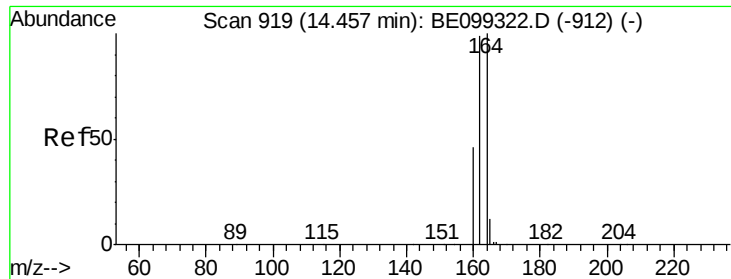
Tot Ion:152 Resp: 9238
 Ion Ratio Lower Upper
 152 100
 151 19.8 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.434 ng
 RT: 12.28 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

Tgt Ion:142 Resp: 10671
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.0 108.0
 115 39.5 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

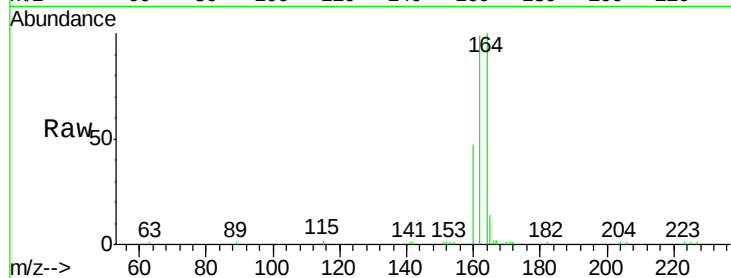
Tot Ion:164 Resp: 9161

Ion Ratio Lower Upper

164 100

162 99.2 77.8 116.6

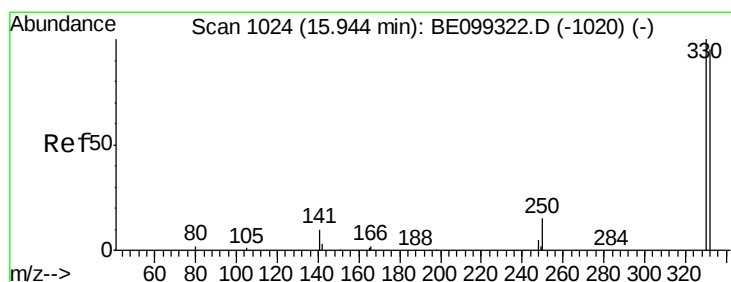
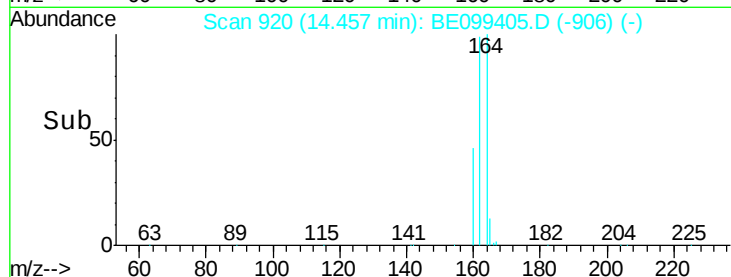
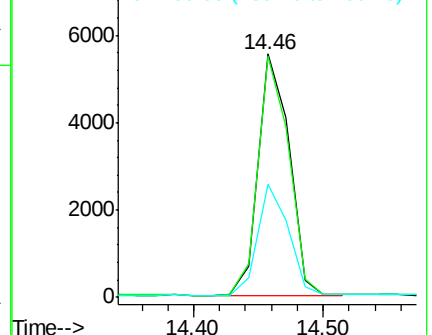
160 46.7 37.1 55.7



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: 0.710 ng

RT: 15.94 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

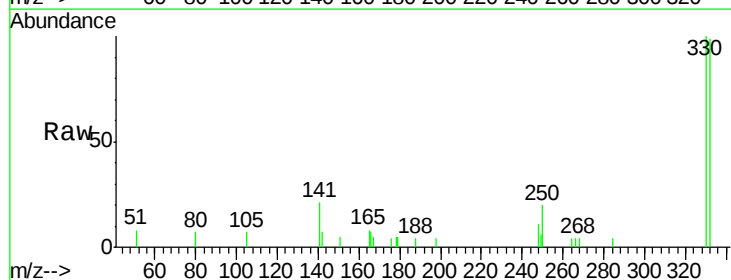
Tgt Ion:330 Resp: 2159

Ion Ratio Lower Upper

330 100

332 97.7 82.5 123.7

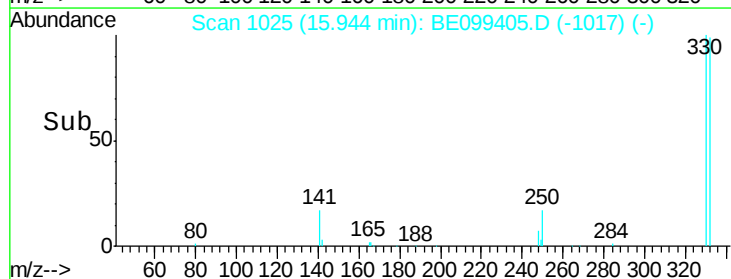
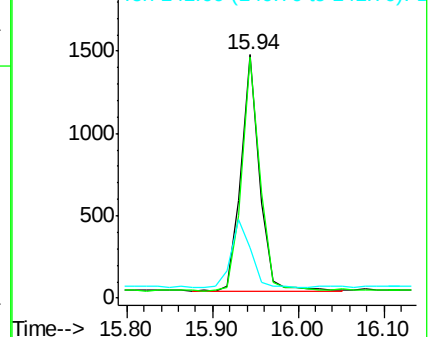
141 30.4 24.9 37.3

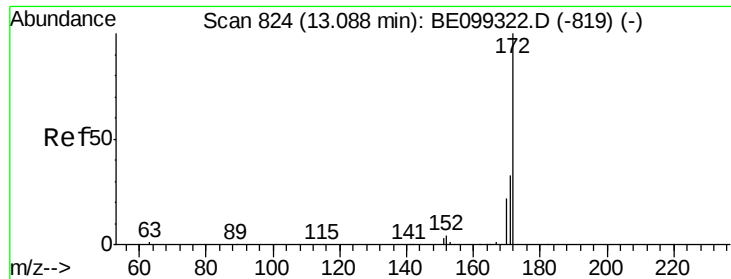


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

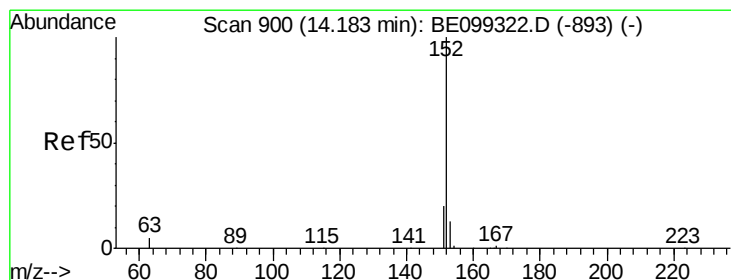
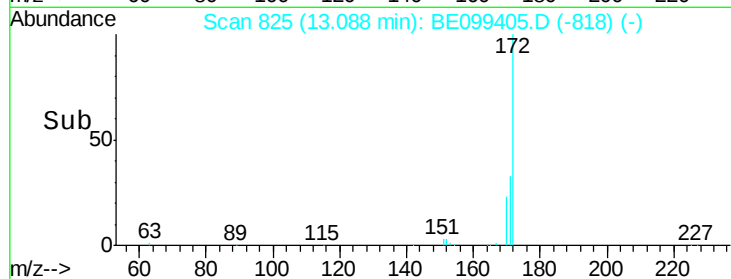
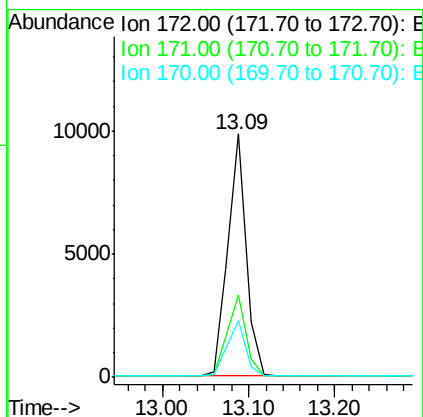
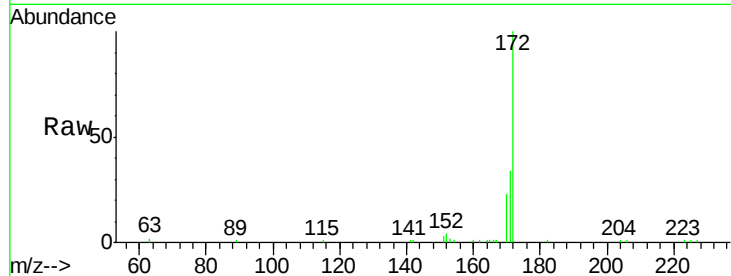




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.09 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

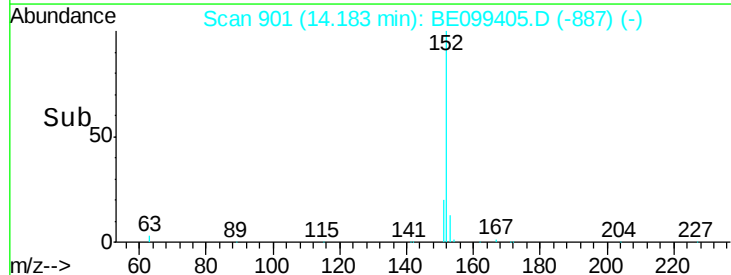
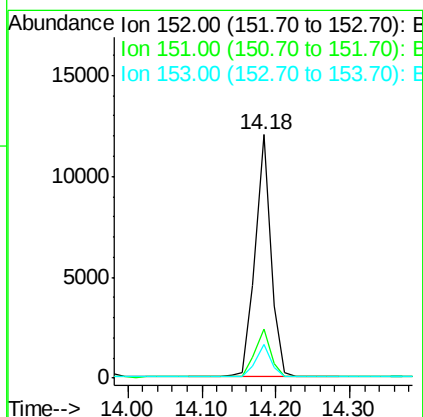
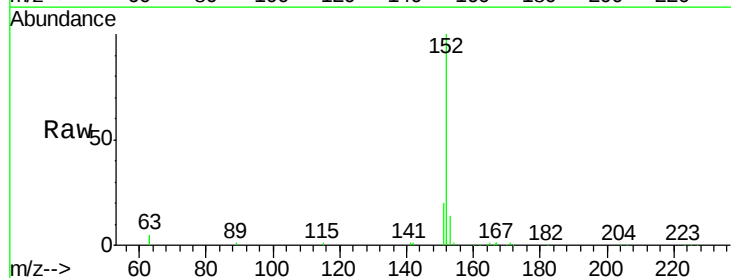
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

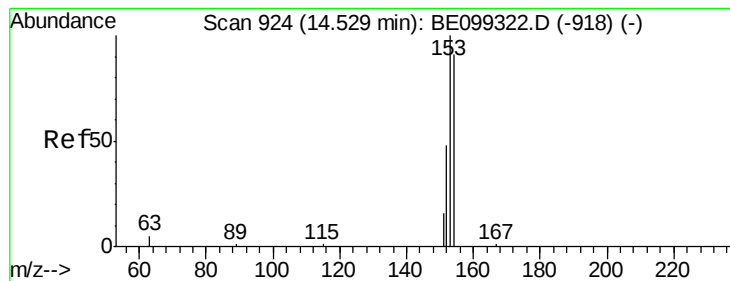
Tot Ion:172 Resp: 14417
Ion Ratio Lower Upper
172 100
171 33.7 26.2 39.2
170 23.2 18.1 27.1



#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

Tgt Ion:152 Resp: 17849
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.6 10.2 15.4





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

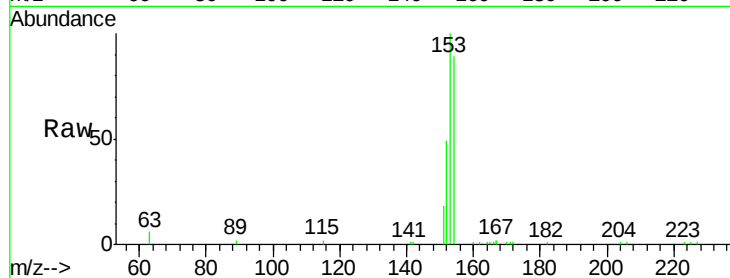
Tot Ion:154 Resp: 10030

Ion Ratio Lower Upper

154 100

153 115.8 94.7 142.1

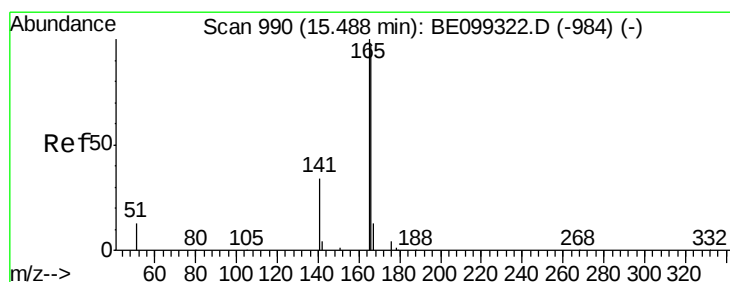
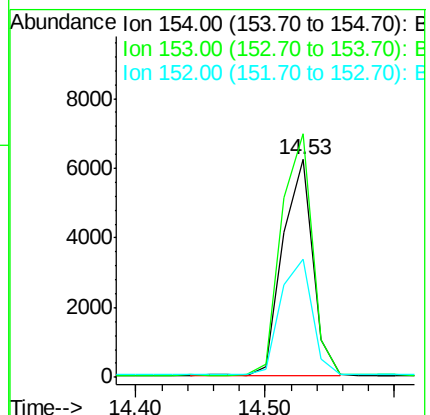
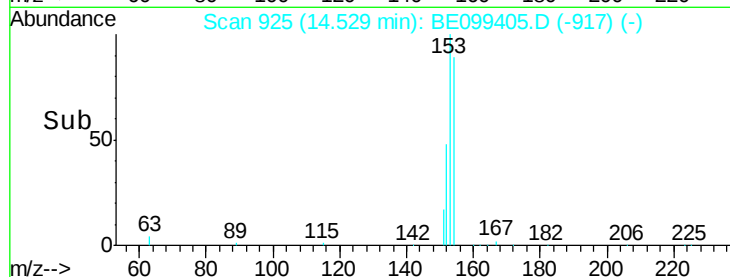
152 56.4 46.4 69.6



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: 0.392 ng

RT: 15.50 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

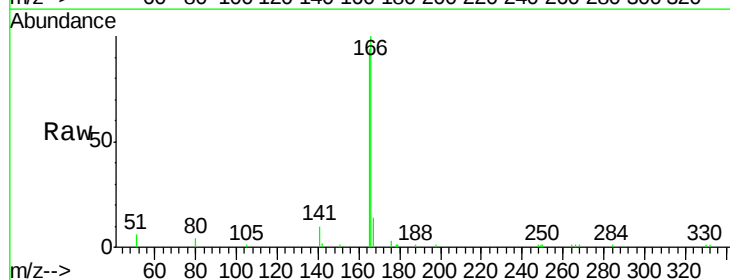
Tgt Ion:166 Resp: 14374

Ion Ratio Lower Upper

166 100

165 97.6 79.7 119.5

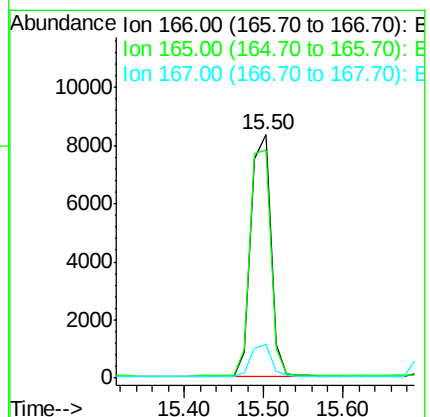
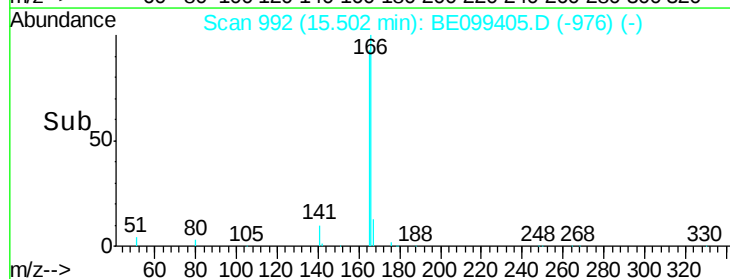
167 13.4 11.0 16.4

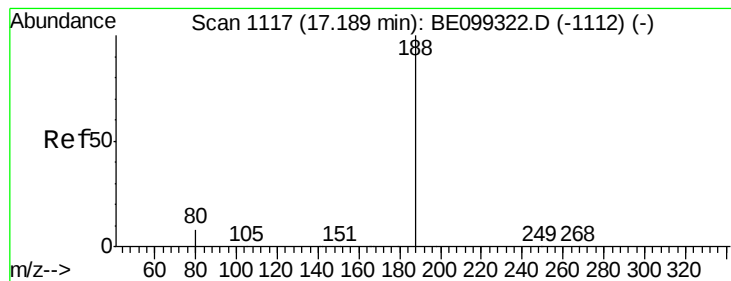


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

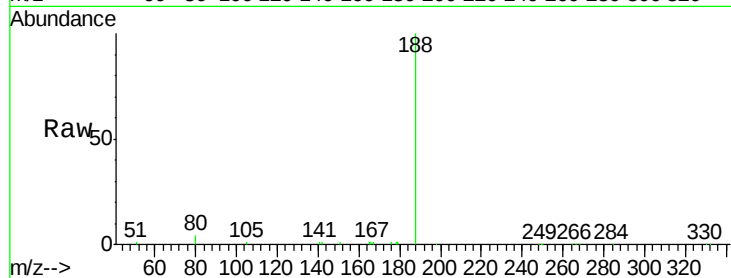
Tot Ion:188 Resp: 23862

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

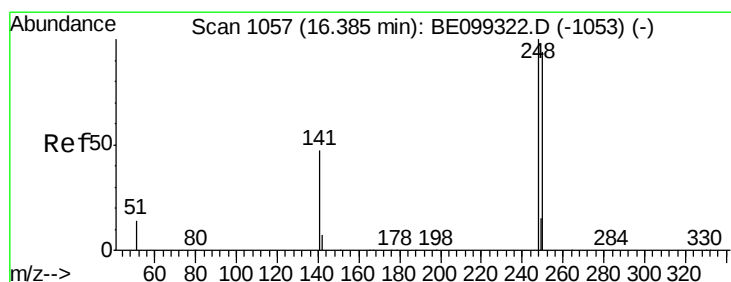
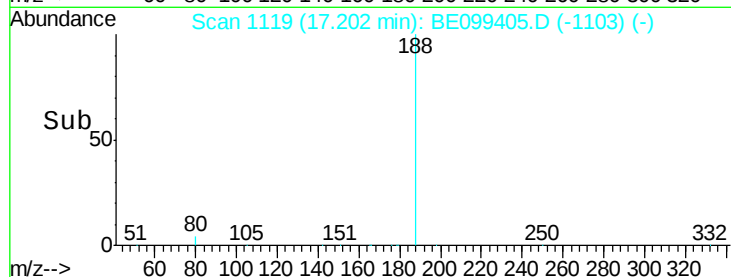
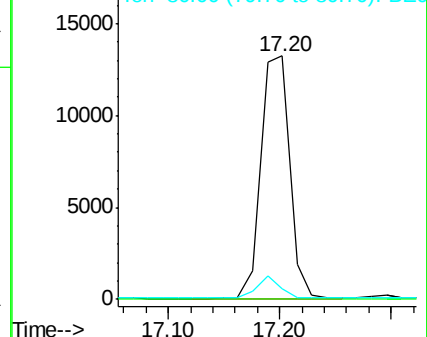
80 4.2 6.2 9.4#



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: 0.423 ng

RT: 16.39 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

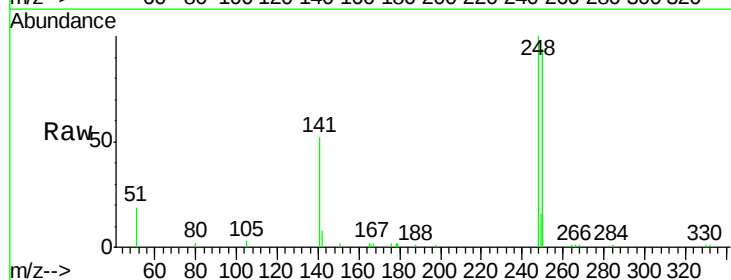
Tgt Ion:248 Resp: 5591

Ion Ratio Lower Upper

248 100

250 93.6 77.0 115.6

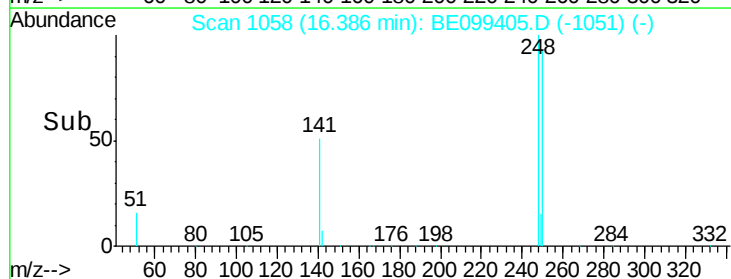
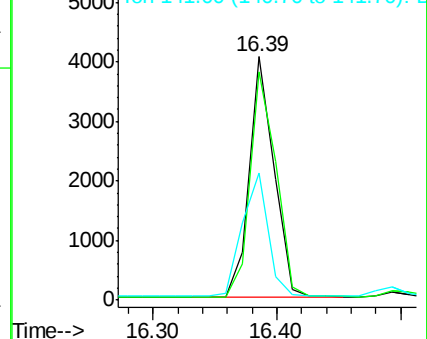
141 52.1 31.1 46.7#

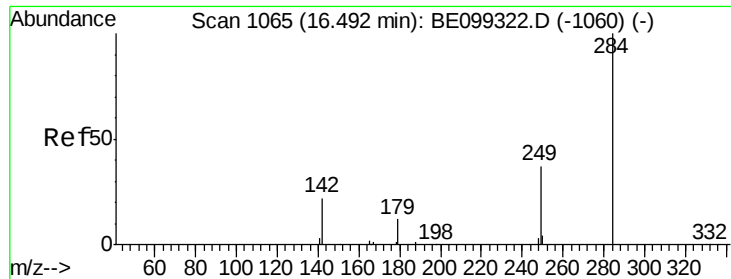


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

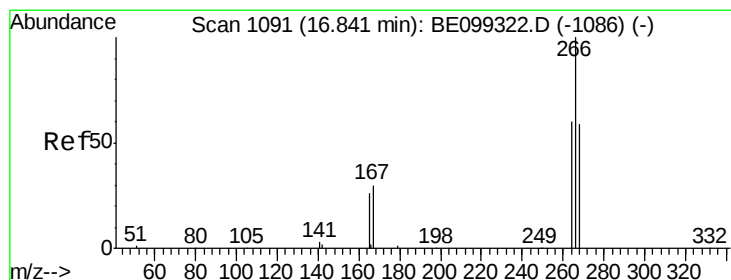
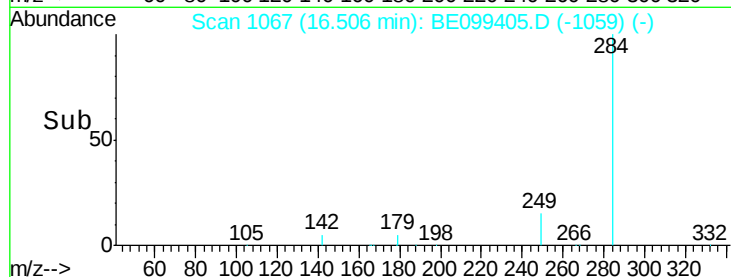
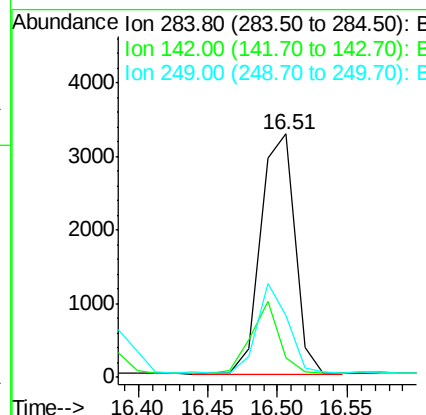
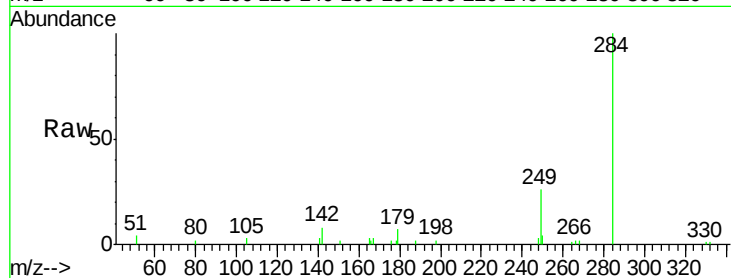




#21
Hexachlorobenzene
Concen: 0.437 ng
RT: 16.51 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

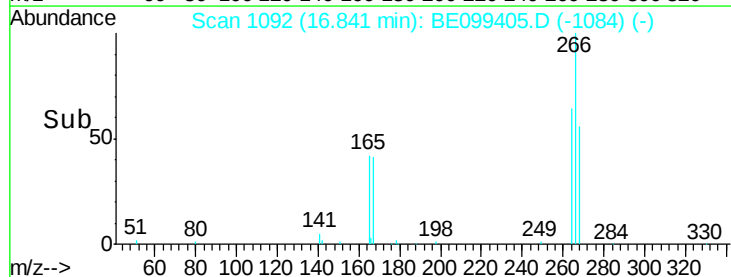
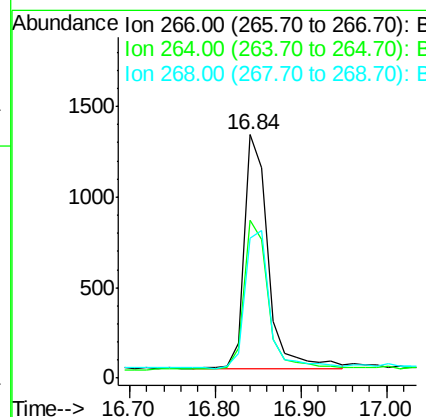
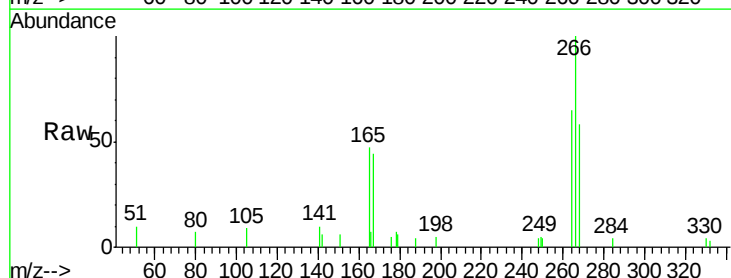
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

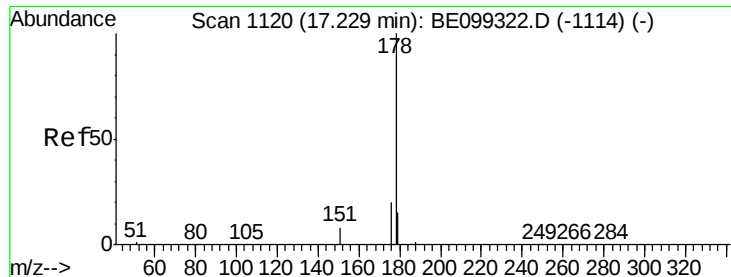
Tot Ion:284 Resp: 5558
Ion Ratio Lower Upper
284 100
142 24.5 21.8 32.6
249 33.1 26.2 39.4



#22
Pentachlorophenol
Concen: 0.705 ng
RT: 16.84 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

Tgt Ion:266 Resp: 2488
Ion Ratio Lower Upper
266 100
264 64.8 54.5 81.7
268 57.7 54.3 81.5





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.24 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

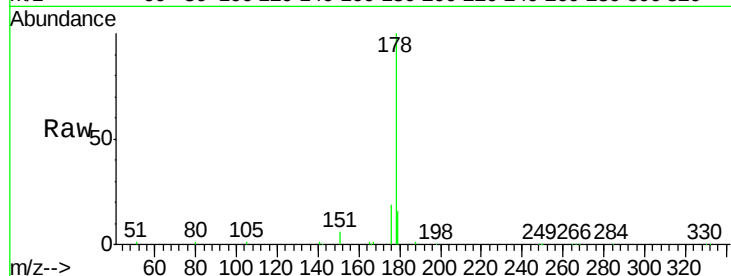
Tot Ion:178 Resp: 24893

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

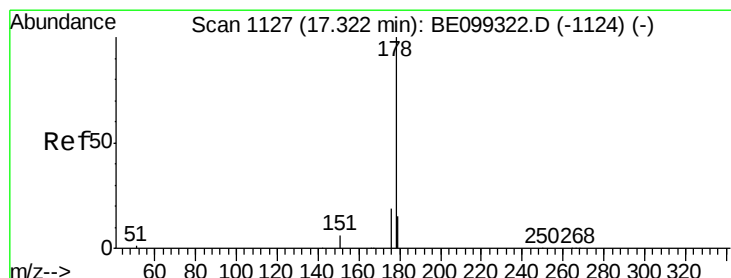
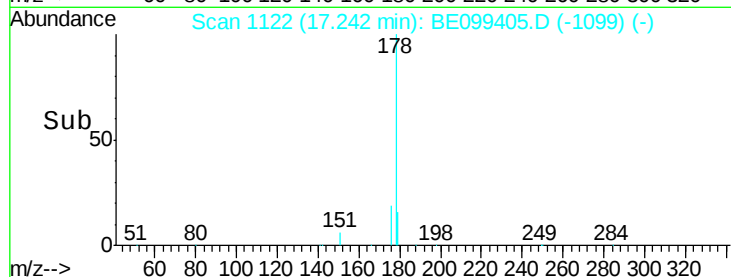
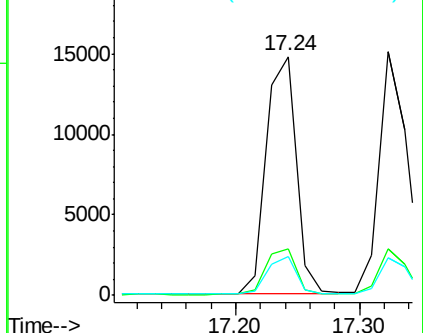
179 15.6 12.4 18.6



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: 0.415 ng

RT: 17.32 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

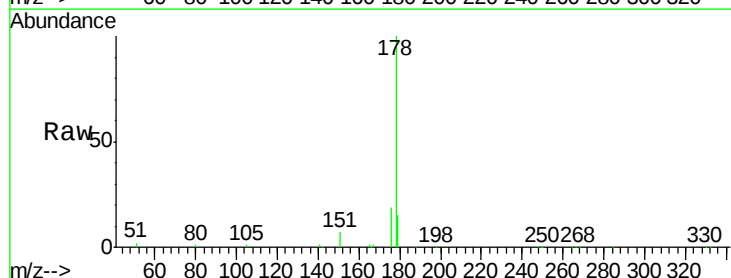
Tgt Ion:178 Resp: 23336

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

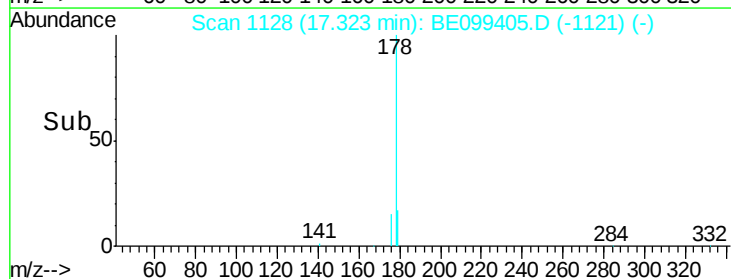
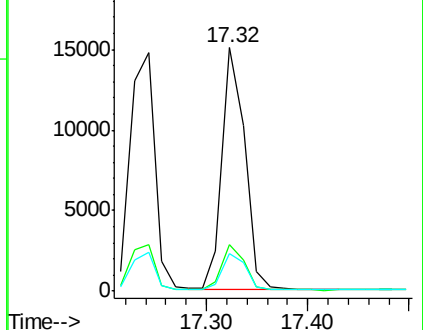
179 15.6 11.9 17.9

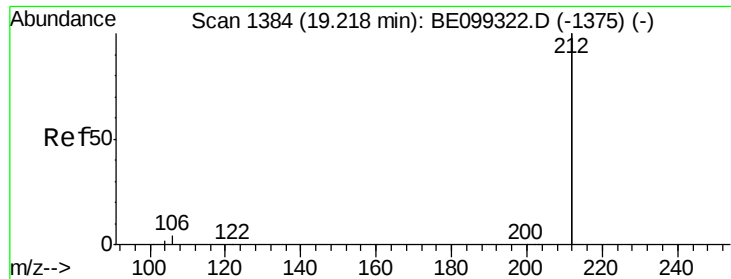


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.22 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

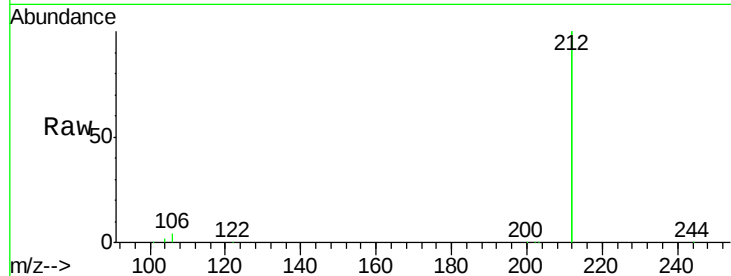
Tot Ion:212 Resp: 117753

Ion Ratio Lower Upper

212 100

106 1.8 1.8 2.6

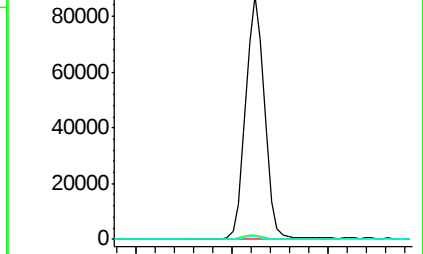
104 1.0 1.0 1.4



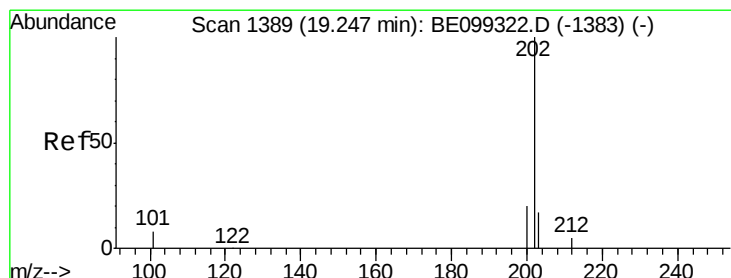
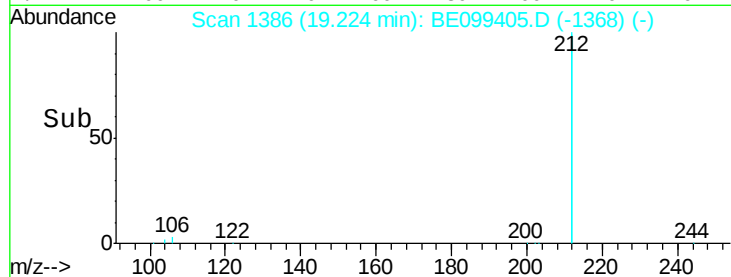
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.399 ng

RT: 19.25 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

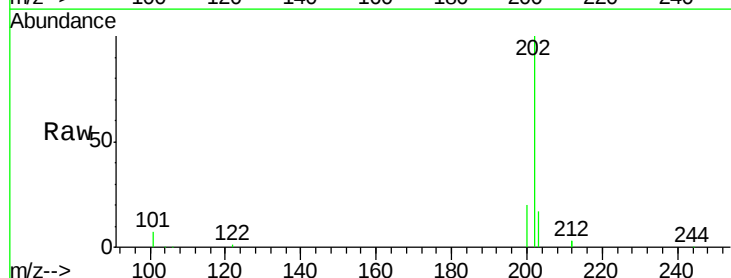
Tgt Ion:202 Resp: 33723

Ion Ratio Lower Upper

202 100

101 6.8 6.4 9.6

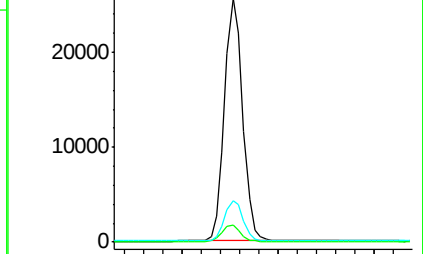
203 17.1 13.5 20.3



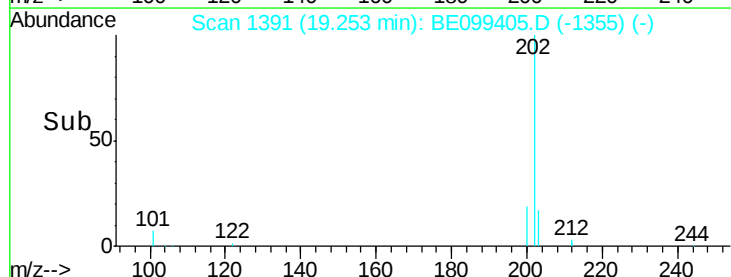
Abundance Ion 202.00 (201.70 to 202.70): E

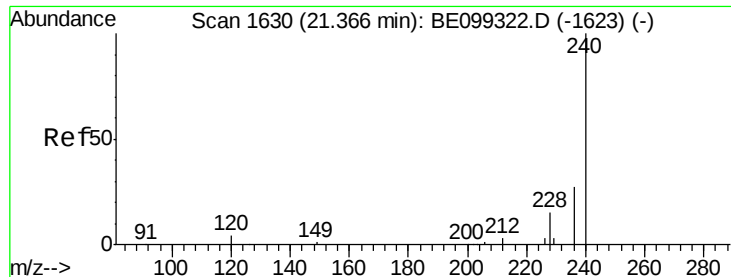
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

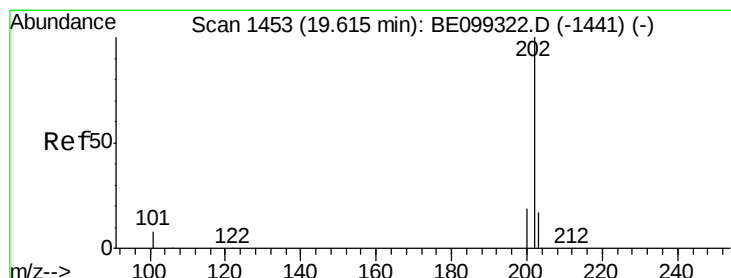
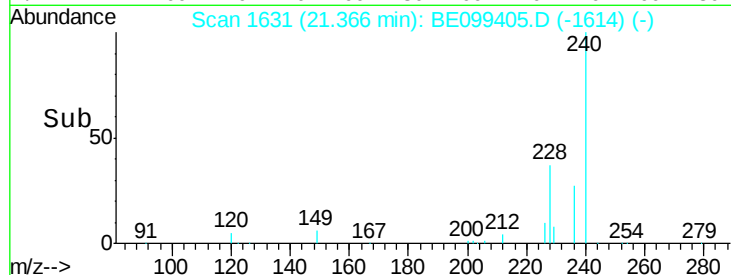
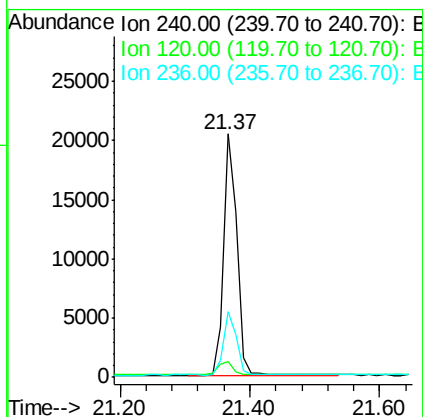
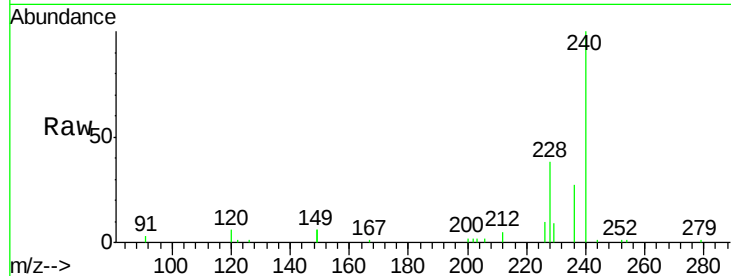




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

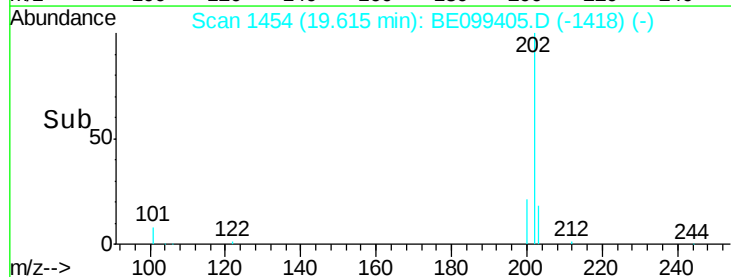
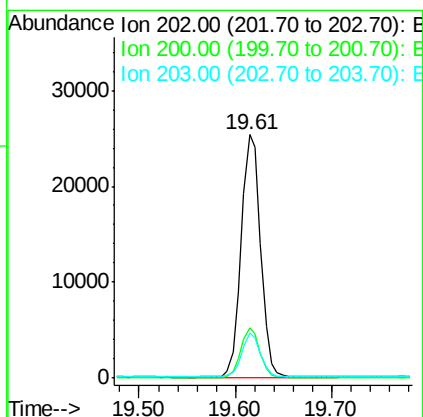
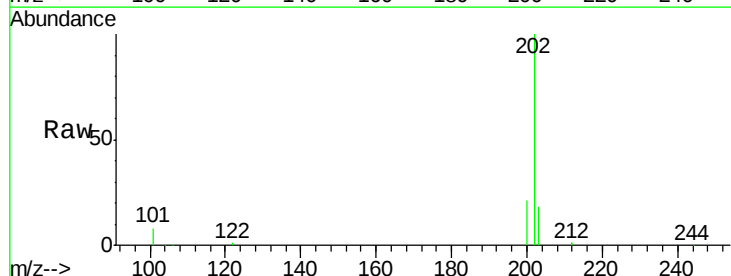
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

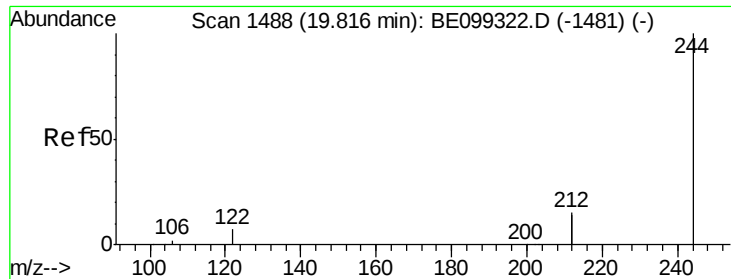
Tot Ion:240 Resp: 29834
 Ion Ratio Lower Upper
 240 100
 120 6.3 2.2 3.2#
 236 27.2 20.2 30.4



#28
 Pyrene
 Concen: 0.402 ng
 RT: 19.61 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

Tgt Ion:202 Resp: 35343
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.4 13.7 20.5





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

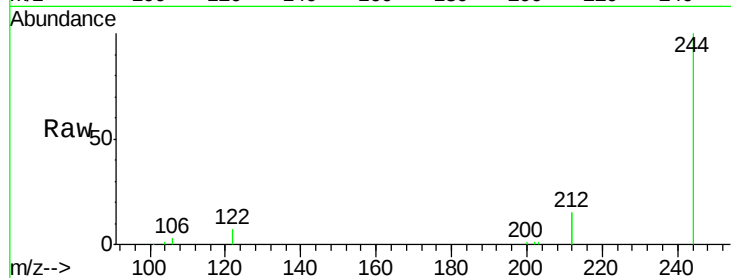
Tot Ion:244 Resp: 24072

Ion Ratio Lower Upper

244 100

212 30.5 22.6 33.8

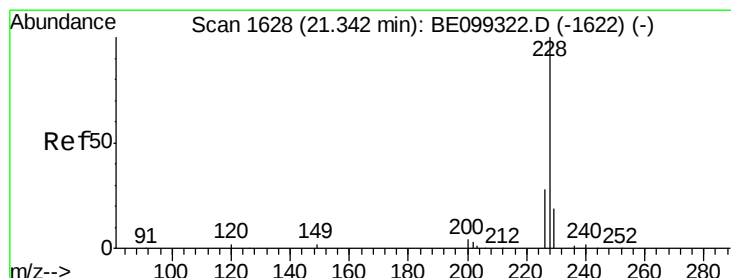
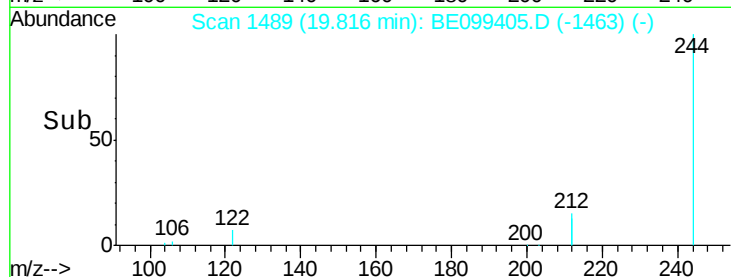
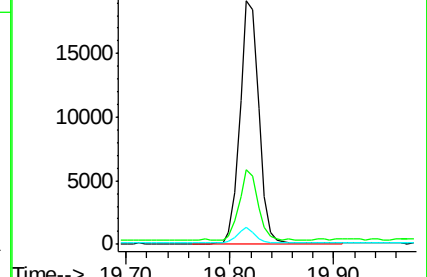
122 7.2 4.6 7.0#



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: 0.430 ng

RT: 21.35 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

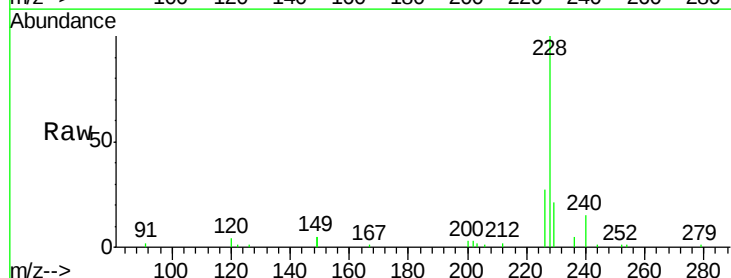
Tgt Ion:228 Resp: 37755

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

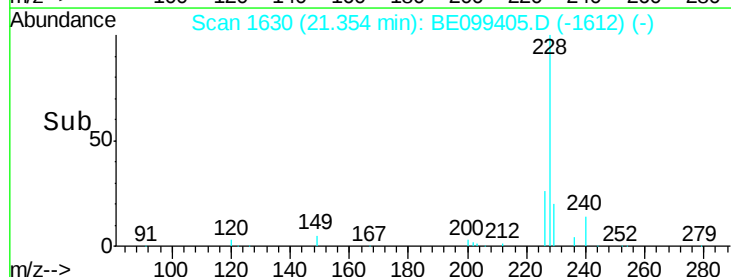
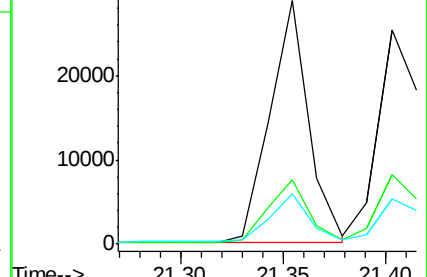
229 20.9 15.8 23.8

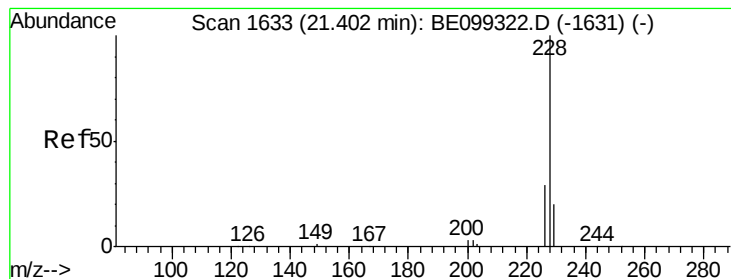


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.40 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

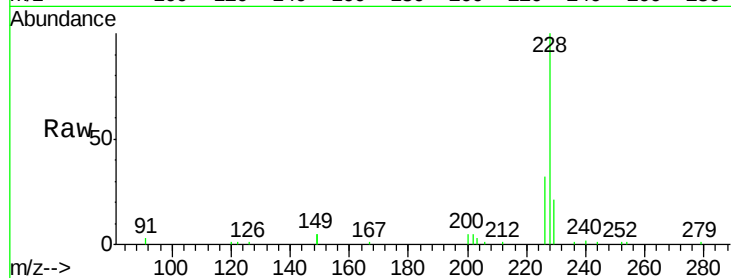
Tot Ion:228 Resp: 36471

Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.2

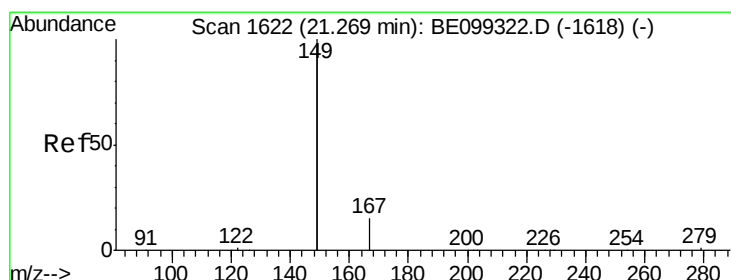
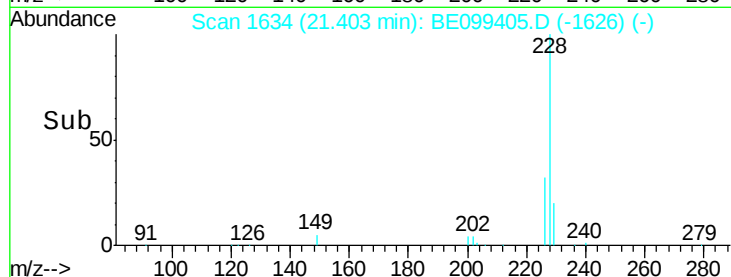
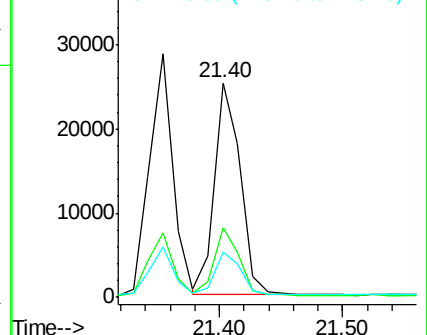
229 20.9 16.2 24.2



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: 0.866 ng

RT: 21.27 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

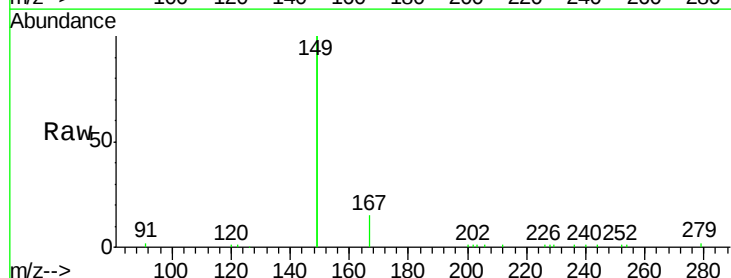
Tgt Ion:149 Resp: 69085

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

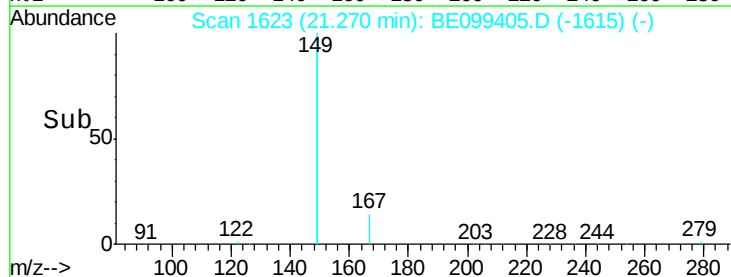
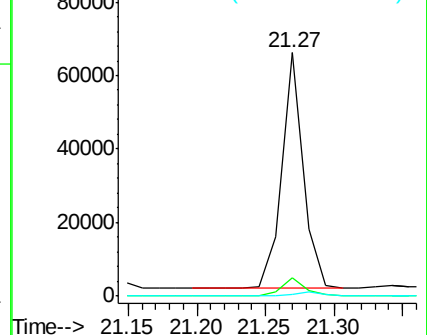
279 1.4 1.1 1.7

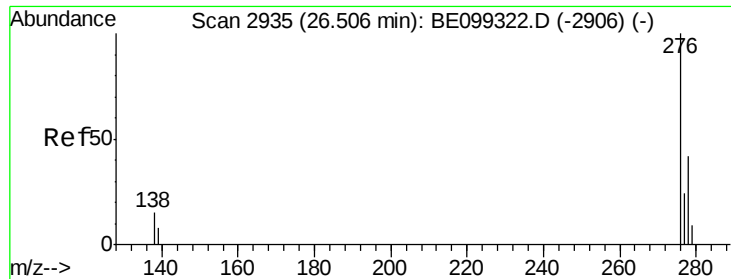


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

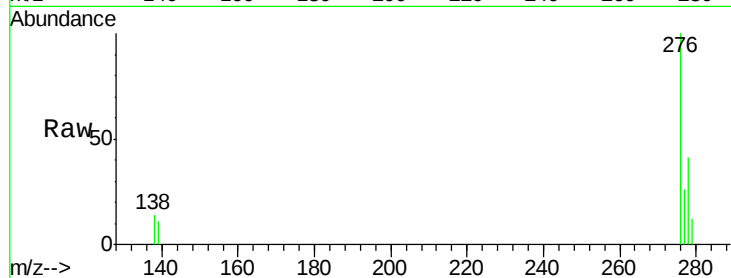




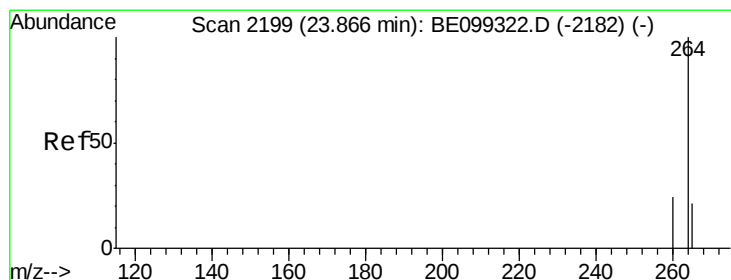
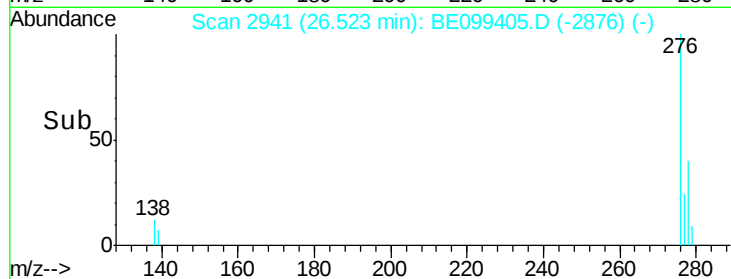
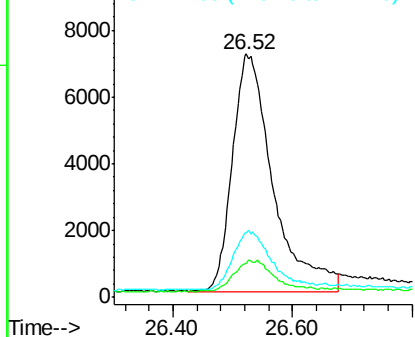
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 26.52 min Scan# 2941
 Delta R.T. 0.03 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 33547
 Ion Ratio Lower Upper
 276 100
 138 6.3 12.7 19.1#
 277 23.6 19.6 29.4

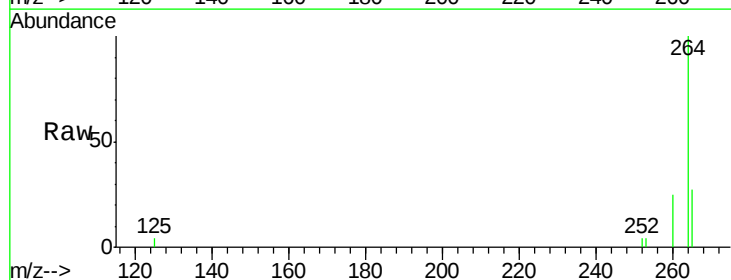


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

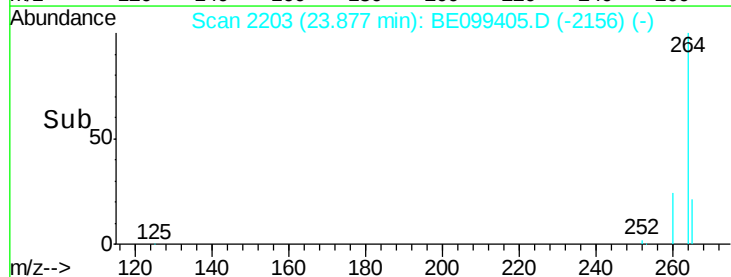
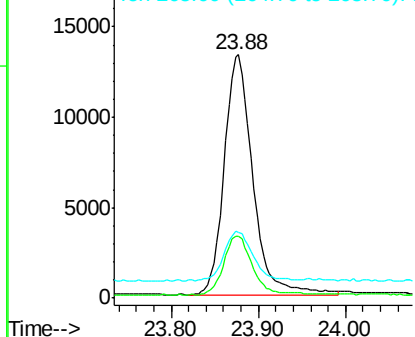


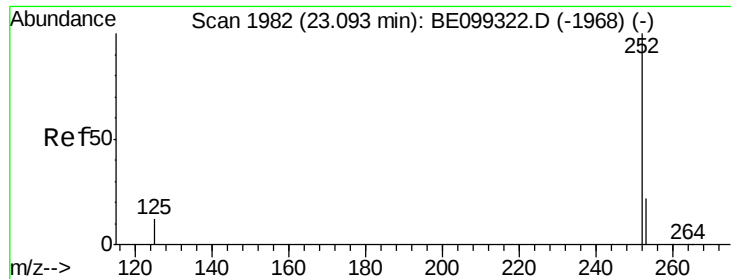
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2203
 Delta R.T. 0.02 min
 Lab File: BE099405.D
 Acq: 27 Apr 2019 7:55

Tgt Ion:264 Resp: 30210
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 27.2 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

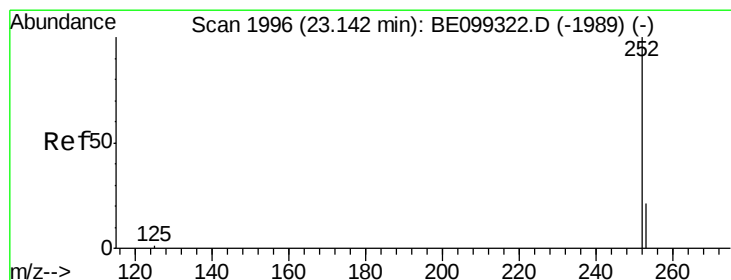
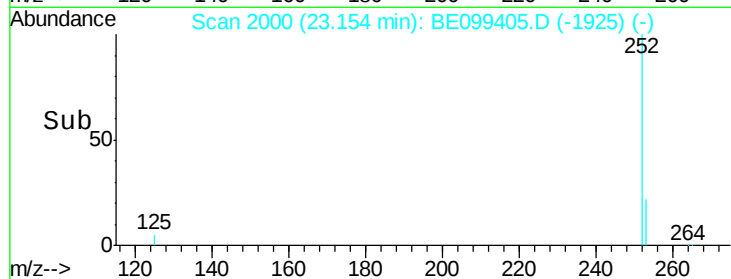
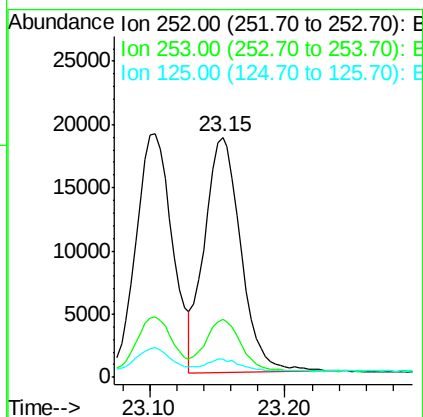
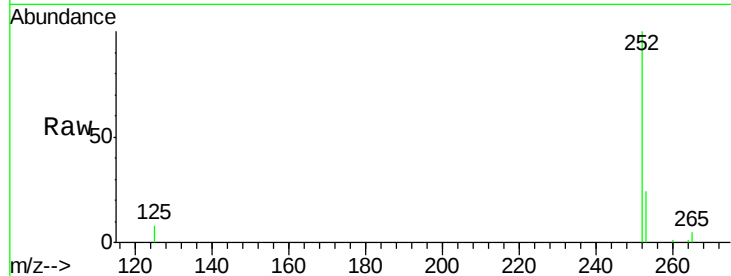




#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.15 min Scan# 2000
Delta R.T. 0.07 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

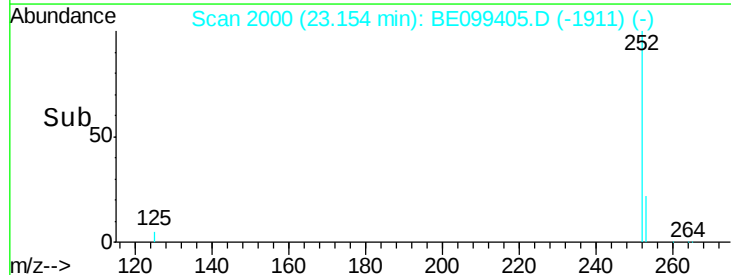
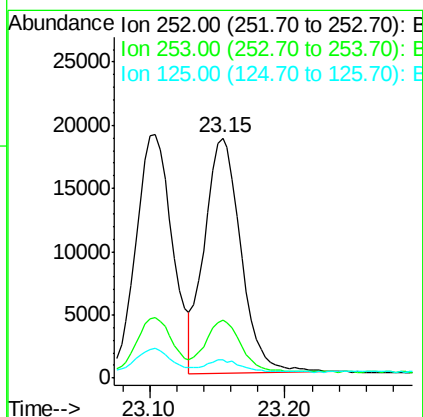
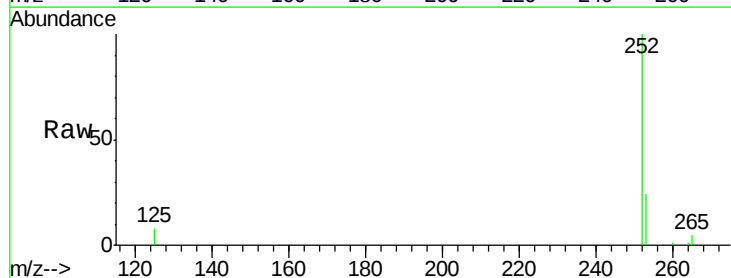
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

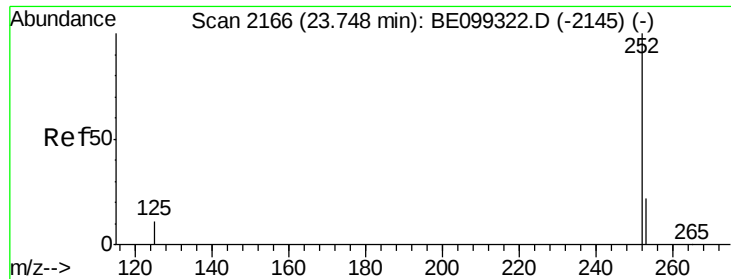
Tot Ion:252 Resp: 34757
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 7.6 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.15 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BE099405.D
Acq: 27 Apr 2019 7:55

Tgt Ion:252 Resp: 34757
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 7.6 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.76 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

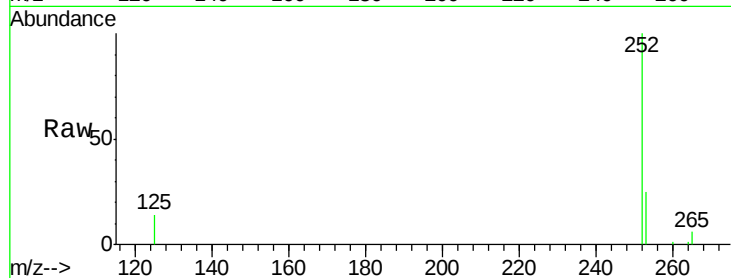
Tot Ion:252 Resp: 33814

Ion Ratio Lower Upper

252 100

253 24.8 17.6 26.4

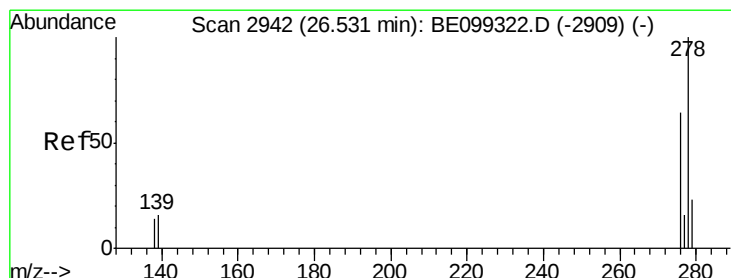
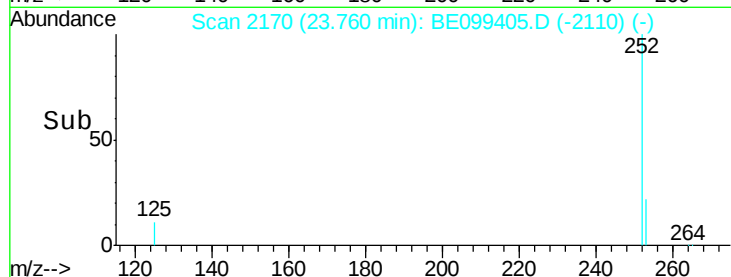
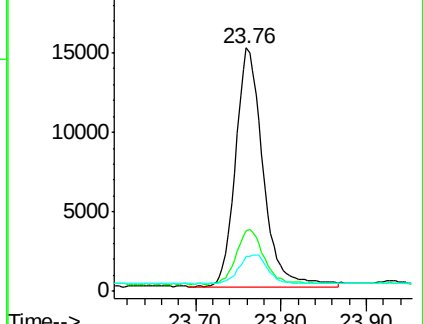
125 14.1 6.5 9.7#



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: 0.336 ng

RT: 26.55 min Scan# 2950

Delta R.T. 0.03 min

Lab File: BE099405.D

Acq: 27 Apr 2019 7:55

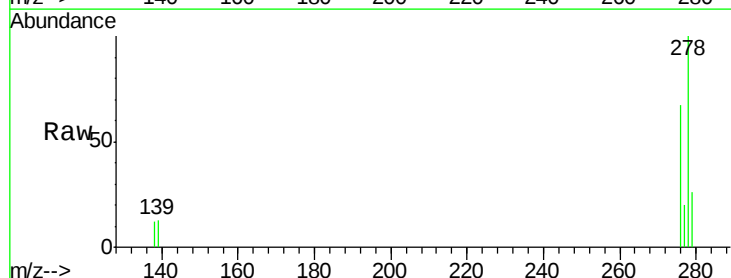
Tgt Ion:278 Resp: 28465

Ion Ratio Lower Upper

278 100

139 13.5 8.5 12.7#

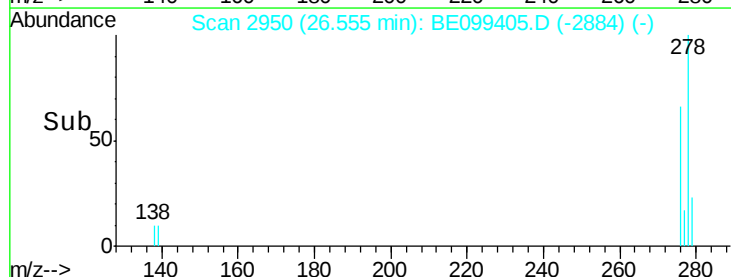
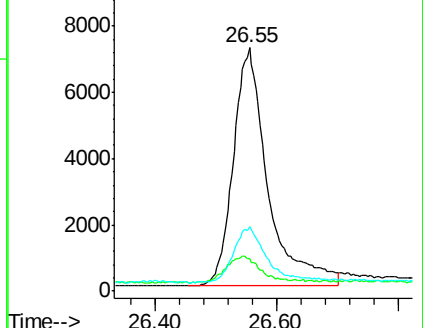
279 26.5 19.8 29.8

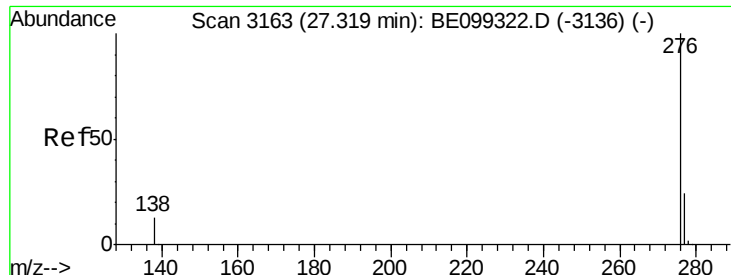


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.277 ng

RT: 27.35 min Scan# 3172

Delta R.T. 0.04 min

Lab File: BE099405.D

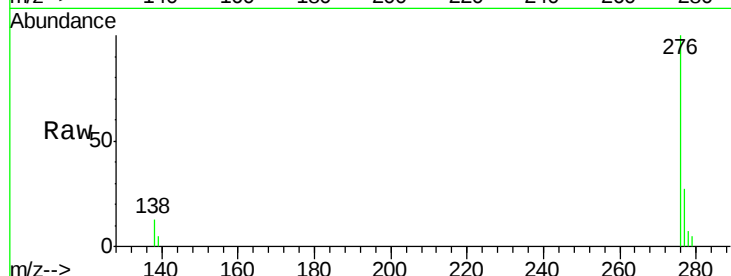
Acq: 27 Apr 2019 7:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 23813

Ion Ratio Lower Upper

276 100

277 27.2 20.0 30.0

138 13.5 11.1 16.7

