

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099416.D
 Acq On : 30 Apr 2019 8:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 30 23:55:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2175	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8130	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6123	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18301	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26822	0.40	ng	0.00
34) Perylene-d12	23.87	264	31370	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2376	0.40	ng	0.00
5) Phenol-d6	6.96	99	3228	0.40	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2999	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5891	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1373	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	9353	0.40	ng	-0.01
25) Fluoranthene-d10	19.22	212	99926	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	21145	0.43	ng	0.00

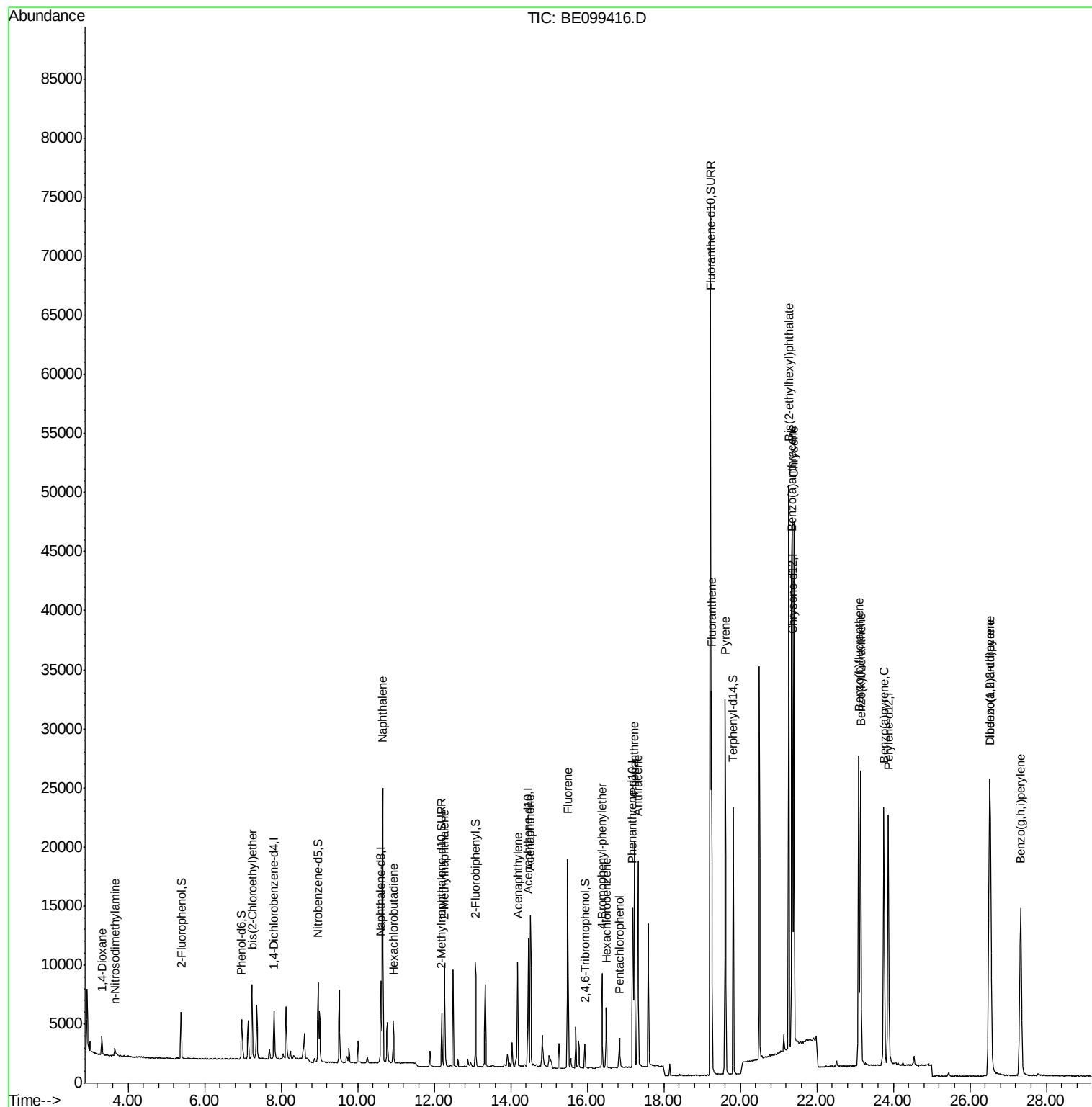
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1189	0.397	ng	99
3) n-Nitrosodimethylamine	3.65	42	669	0.371	ng	# 90
6) bis(2-Chloroethyl)ether	7.24	93	2658	0.385	ng	94
9) Naphthalene	10.65	128	36280	0.410	ng	100
10) Hexachlorobutadiene	10.93	225	2521	0.409	ng	98
12) 2-Methylnaphthalene	12.27	142	6179	0.401	ng	95
16) Acenaphthylene	14.18	152	11540	0.385	ng	99
17) Acenaphthene	14.51	154	6846	0.400	ng	99
18) Fluorene	15.49	166	9931	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	4236	0.398	ng	96
21) Hexachlorobenzene	16.49	284	4103	0.404	ng	98
22) Pentachlorophenol	16.84	266	1480	0.458	ng	97
23) Phenanthrene	17.23	178	19335	0.409	ng	100
24) Anthracene	17.32	178	17694	0.393	ng	100
26) Fluoranthene	19.25	202	29053	0.411	ng	99
28) Pyrene	19.61	202	30377	0.434	ng	100
30) Benzo(a)anthracene	21.34	228	38287	0.448	ng	96
31) Chrysene	21.40	228	37337	0.446	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	54258	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	43891	0.444	ng	98
35) Benzo(b)fluoranthene	23.10	252	37936	0.419	ng	99
36) Benzo(k)fluoranthene	23.14	252	35808	0.411	ng	99
37) Benzo(a)pyrene	23.75	252	35136	0.411	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	35506	0.406	ng	98
39) Benzo(g,h,i)perylene	27.33	276	36173	0.413	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099416.D
Acq On : 30 Apr 2019 8:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 30 23:55:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

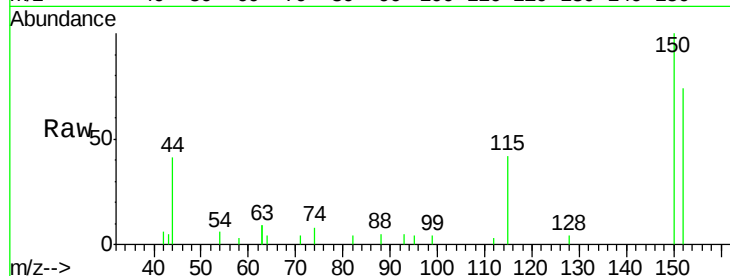
Tot Ion:152 Resp: 2175

Ion Ratio Lower Upper

152 100

150 134.4 104.8 157.2

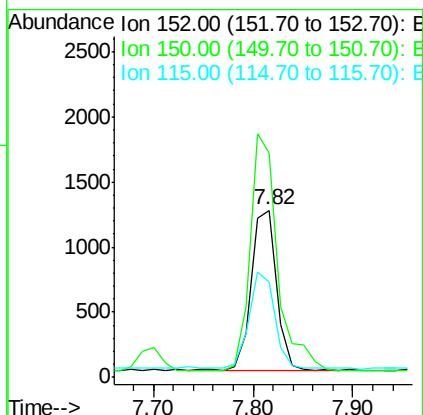
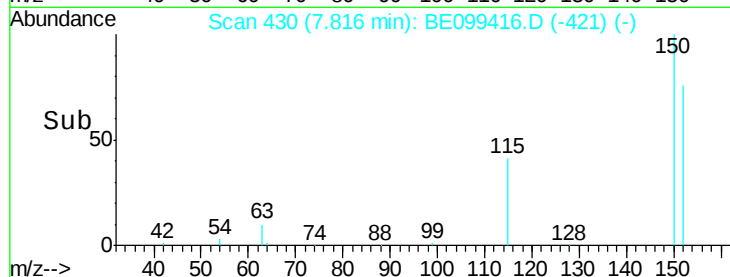
115 56.8 46.6 69.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.397 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

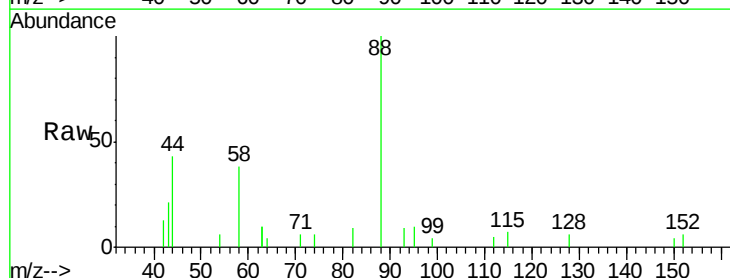
Tgt Ion: 88 Resp: 1189

Ion Ratio Lower Upper

88 100

58 63.4 51.0 76.6

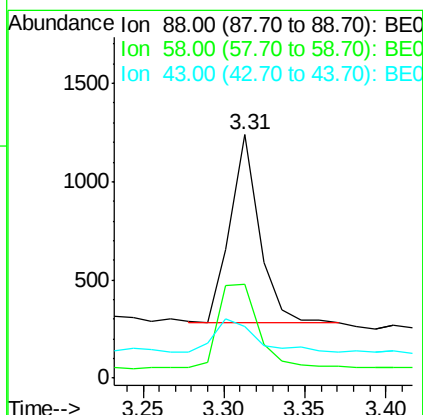
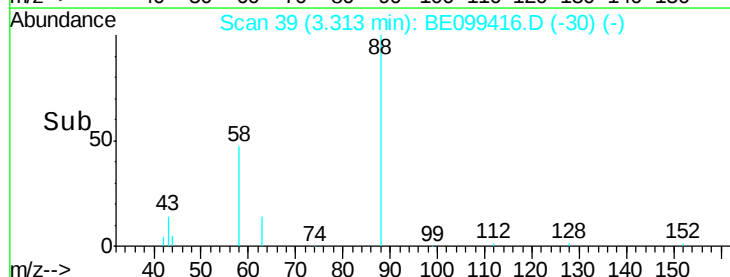
43 26.2 20.6 30.8



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: 0.371 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

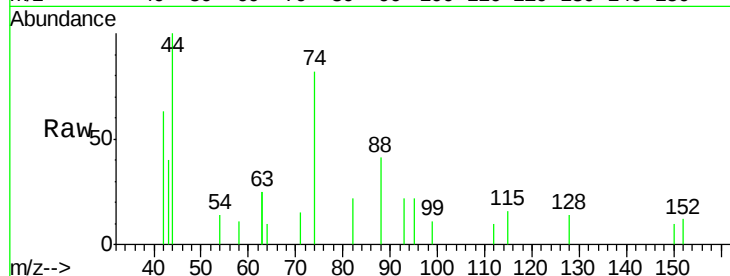
Tot Ion: 42 Resp: 669

Ion Ratio Lower Upper

42 100

74 163.2 141.6 212.4

44 22.3 0.0 0.0#

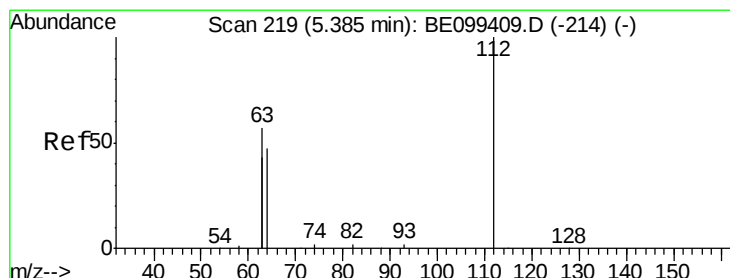
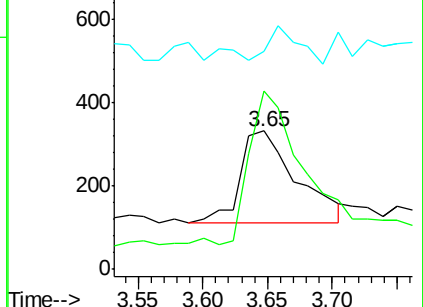
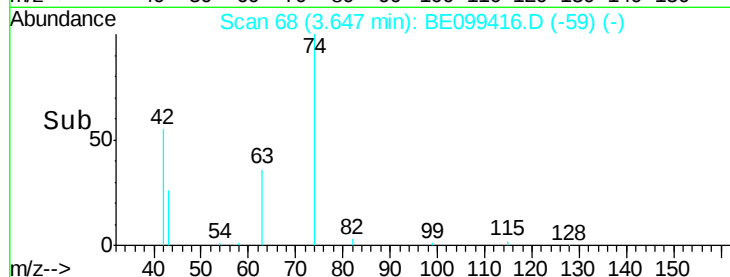


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.395 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

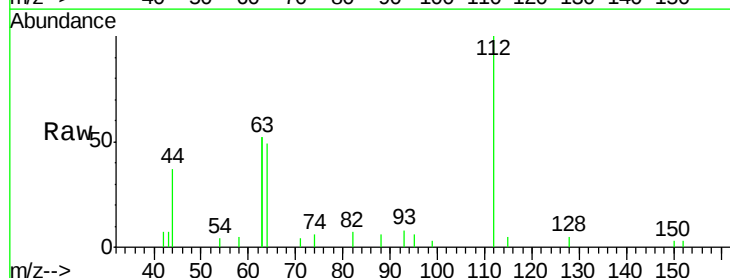
Tgt Ion: 112 Resp: 2376

Ion Ratio Lower Upper

112 100

64 59.8 47.4 71.0

63 130.2 104.3 156.5

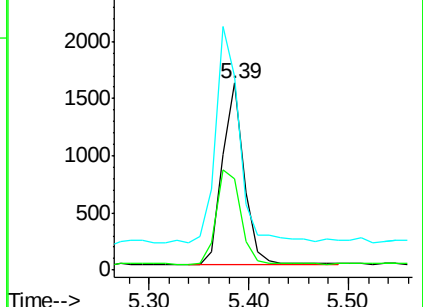
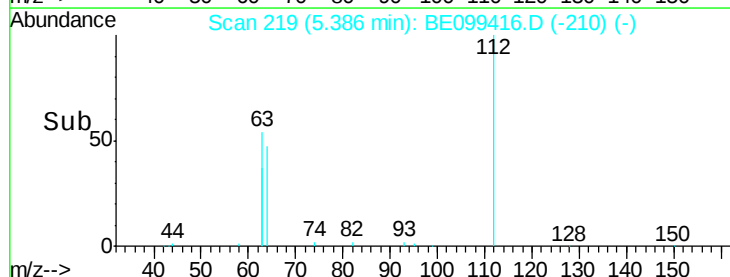


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.404 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

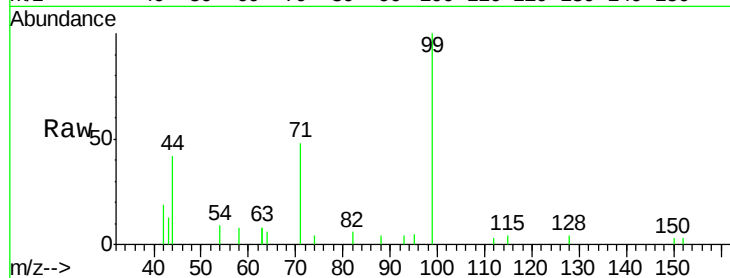
Tot Ion: 99 Resp: 3228

Ion Ratio Lower Upper

99 100

42 13.4 14.9 22.3#

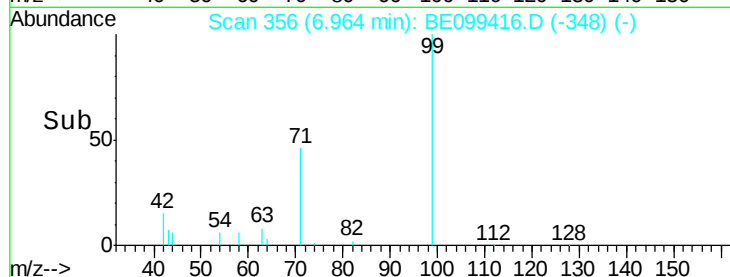
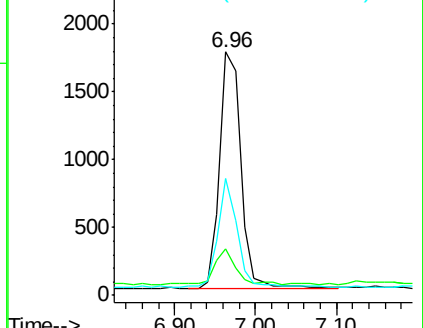
71 41.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

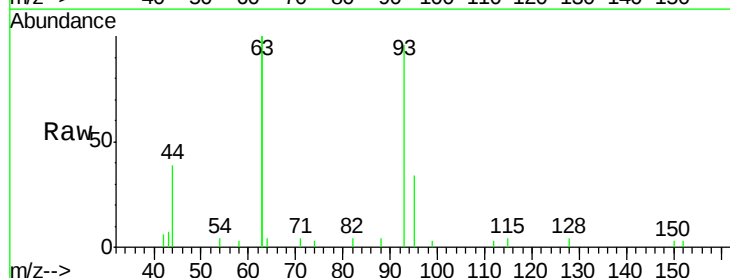
Tgt Ion: 93 Resp: 2658

Ion Ratio Lower Upper

93 100

63 281.2 215.6 323.4

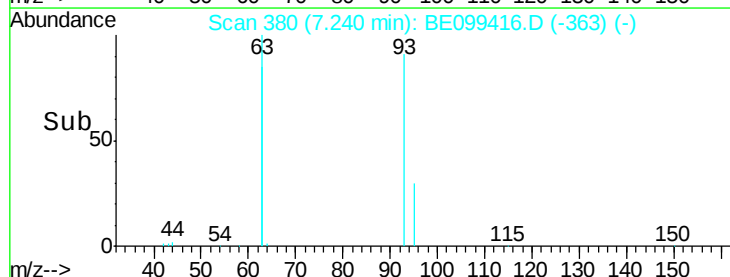
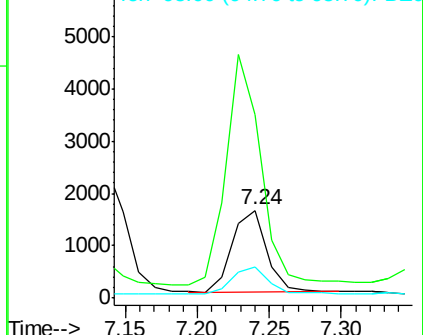
95 34.6 26.2 39.2



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: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 8130

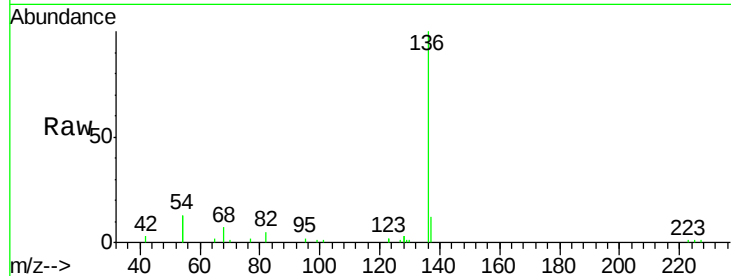
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 25.6 18.5 27.7

68 7.0 4.7 7.1

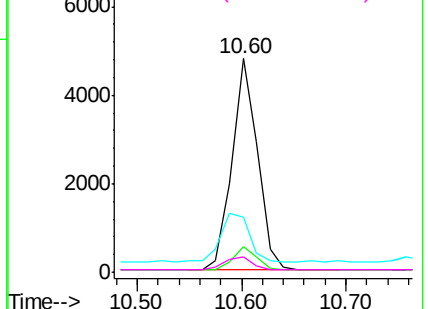
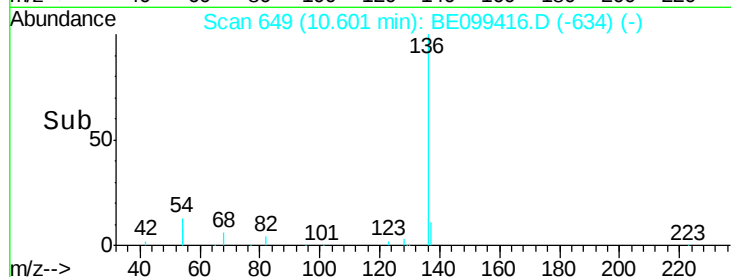


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.394 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

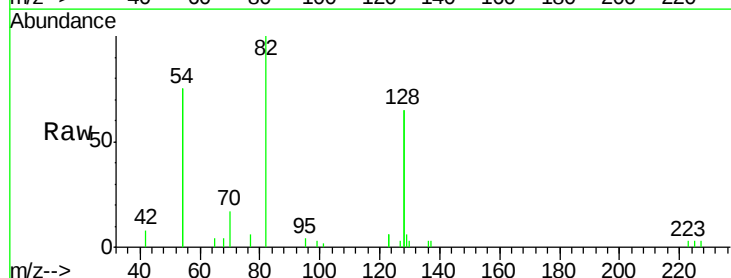
Tgt Ion: 82 Resp: 2999

Ion Ratio Lower Upper

82 100

128 130.6 107.0 160.4

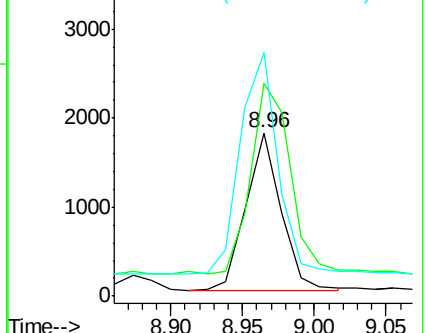
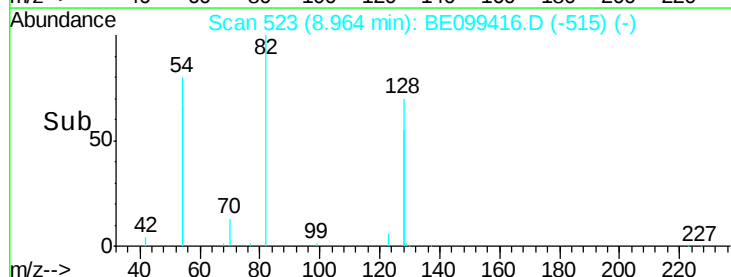
54 149.1 113.1 169.7

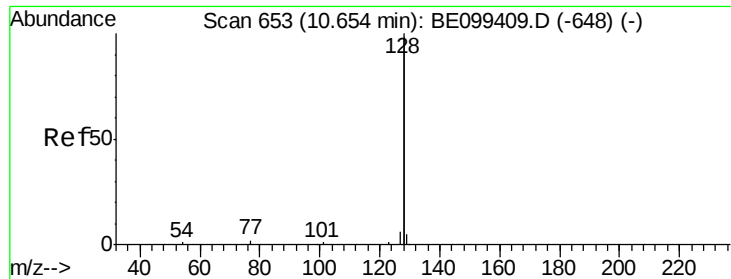


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.410 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

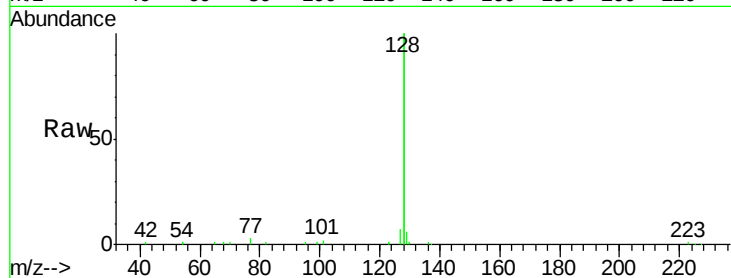
Tot Ion:128 Resp: 36280

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

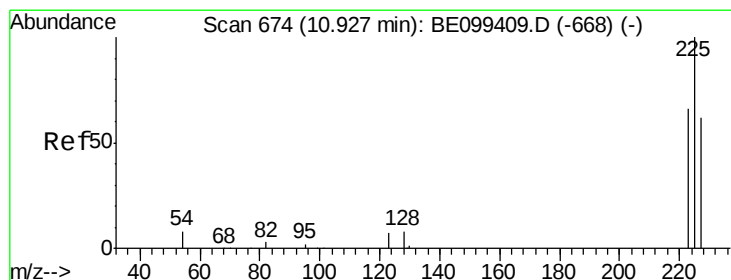
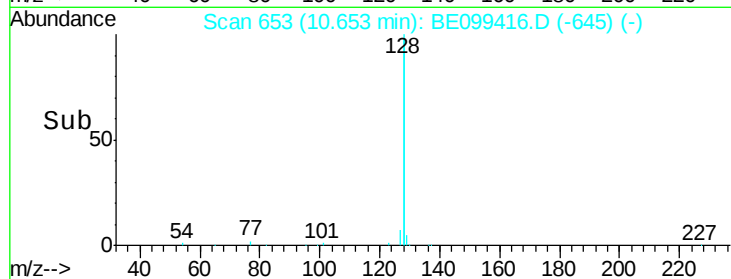
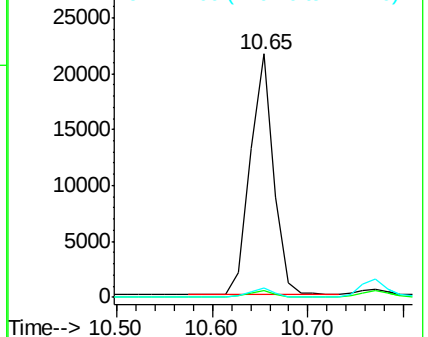
127 3.6 2.8 4.2



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: 0.409 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

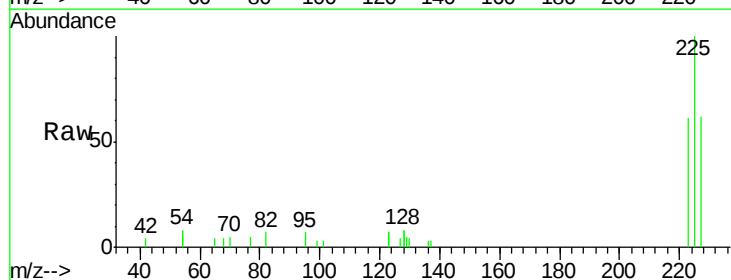
Tgt Ion:225 Resp: 2521

Ion Ratio Lower Upper

225 100

223 61.8 51.0 76.6

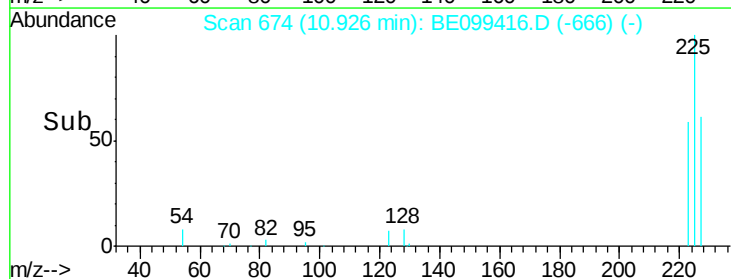
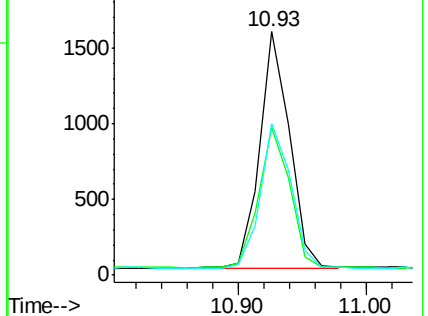
227 62.7 50.9 76.3

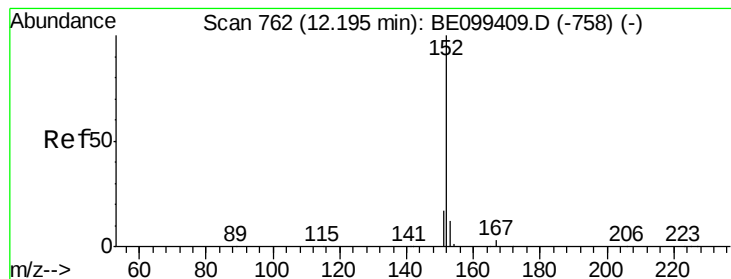


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

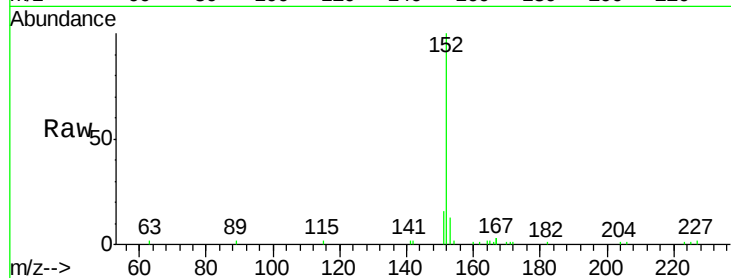
SSTDCCC0.4

Tot Ion:152 Resp: 5891

Ion Ratio Lower Upper

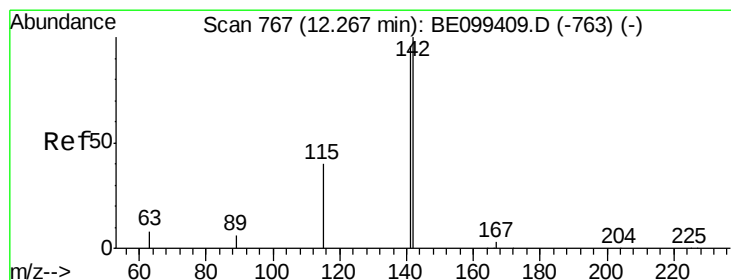
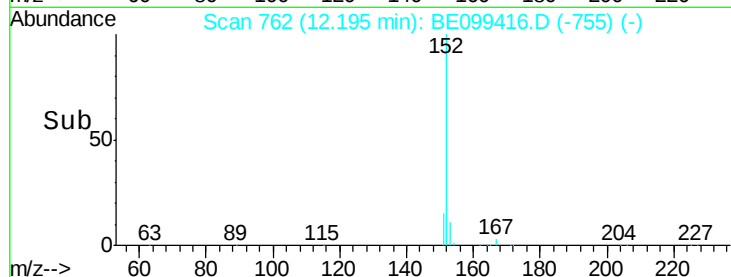
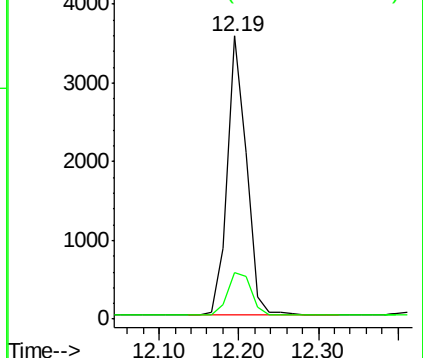
152 100

151 18.9 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

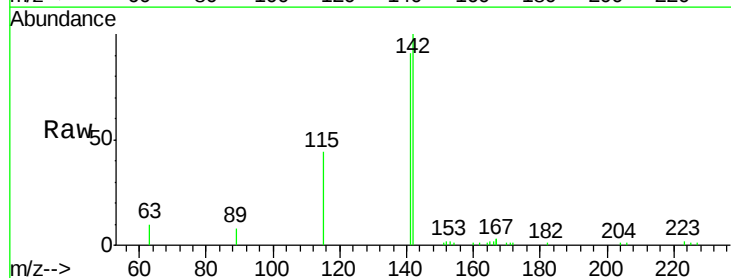
Tgt Ion:142 Resp: 6179

Ion Ratio Lower Upper

142 100

141 90.9 77.0 115.4

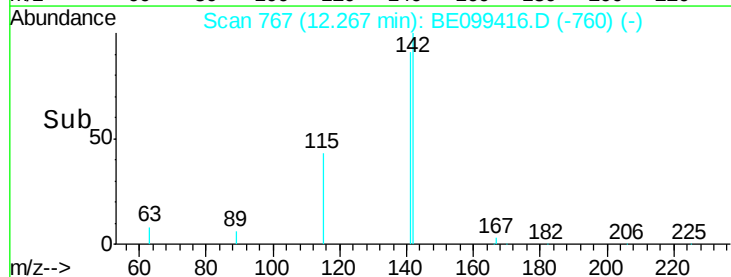
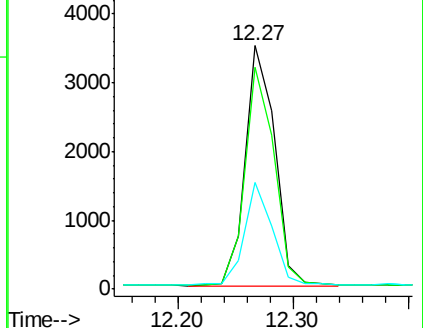
115 43.7 33.4 50.0

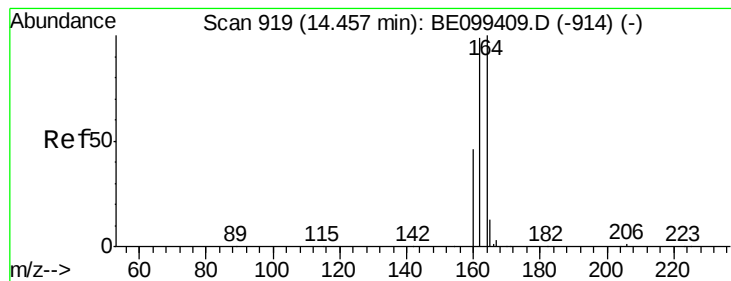


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

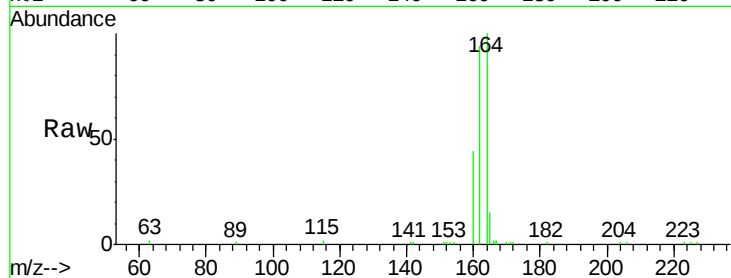
Tot Ion:164 Resp: 6123

Ion Ratio Lower Upper

164 100

162 93.8 79.0 118.4

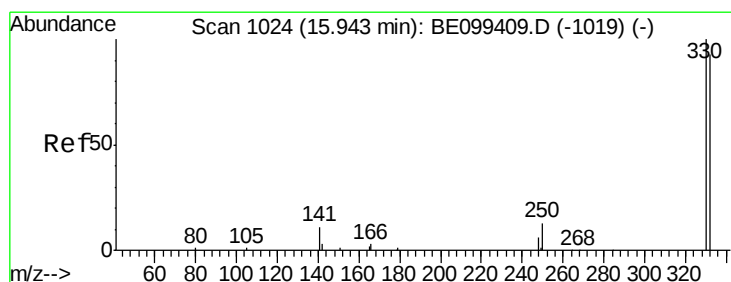
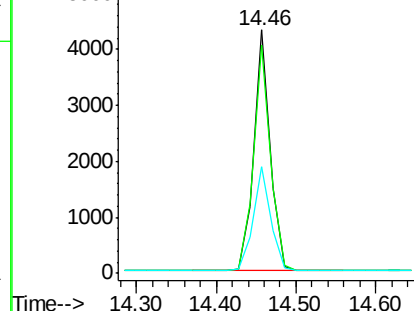
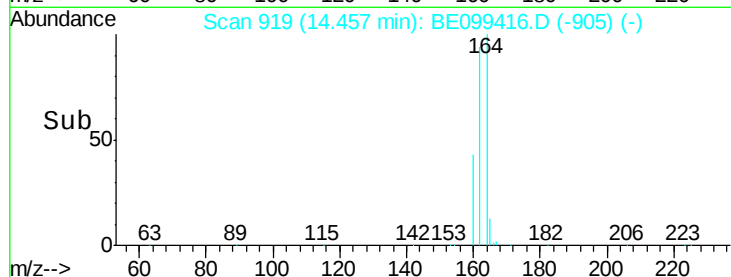
160 44.0 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.356 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

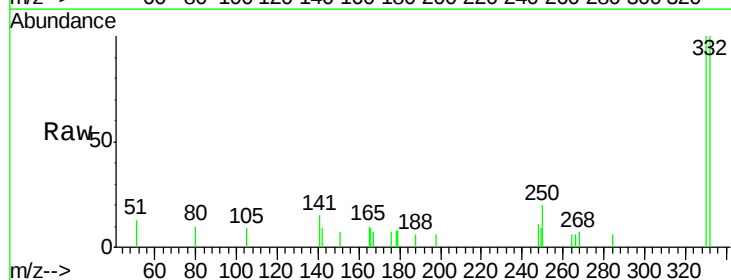
Tgt Ion:330 Resp: 1373

Ion Ratio Lower Upper

330 100

332 97.7 71.5 107.3

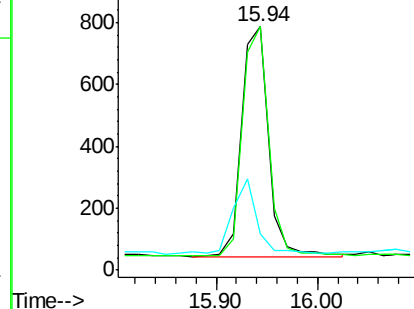
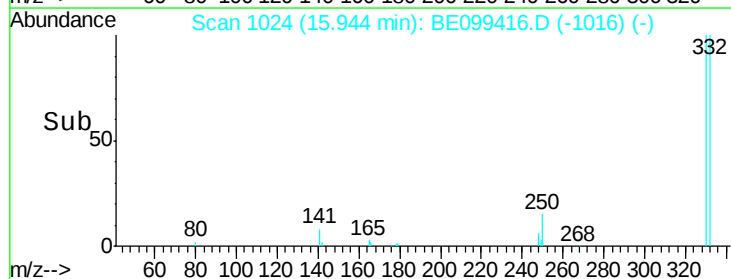
141 27.8 24.0 36.0

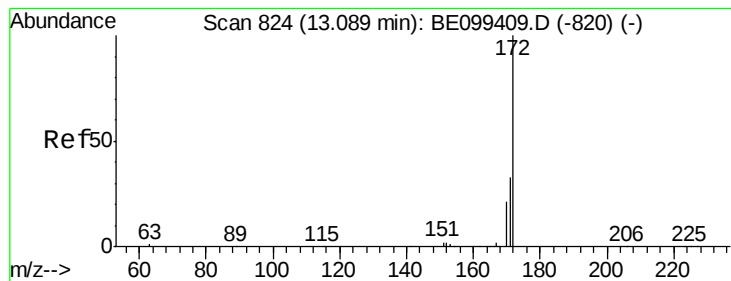


Abundance Ion 330.00 (329.70 to 330.70): E

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: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

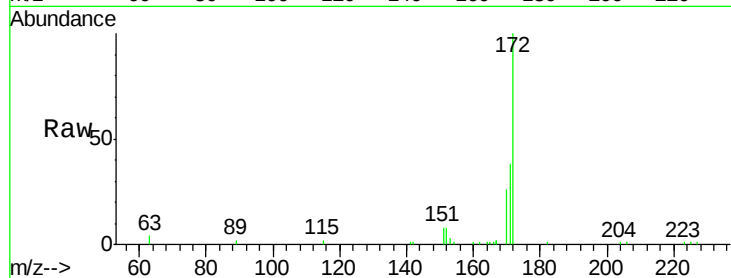
Tot Ion:172 Resp: 9353

Ion Ratio Lower Upper

172 100

171 38.3 26.6 39.8

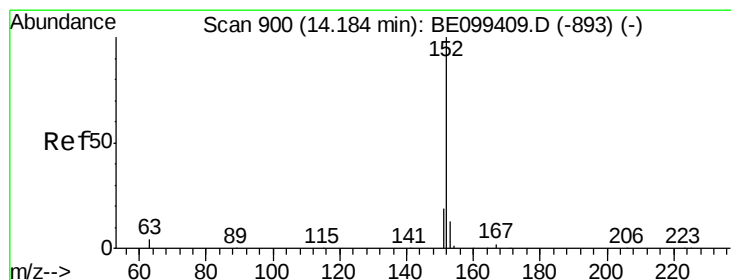
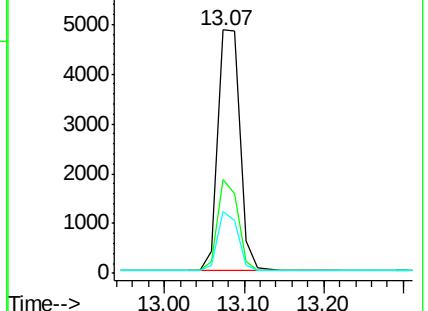
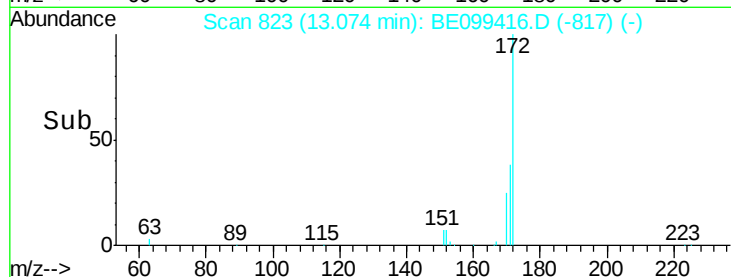
170 25.6 17.0 25.6#



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: 0.385 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

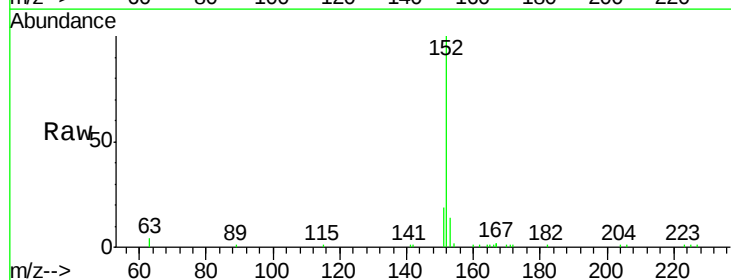
Tgt Ion:152 Resp: 11540

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

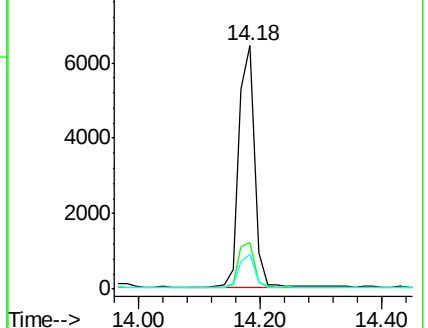
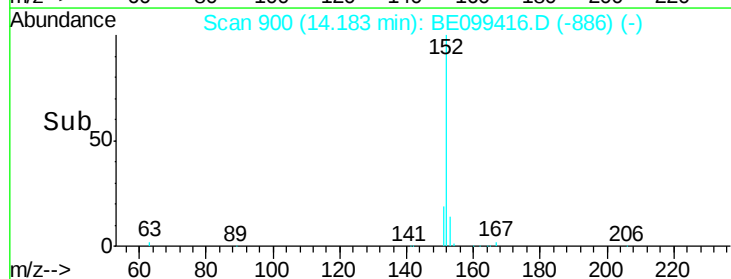
153 13.2 9.8 14.6

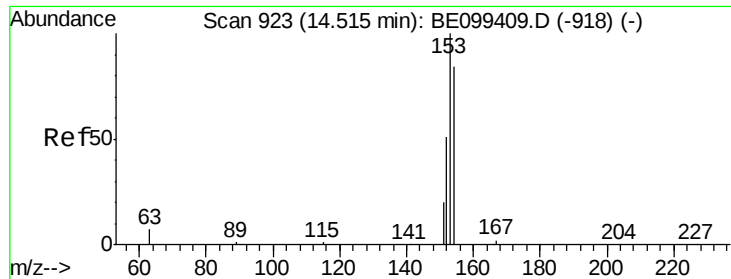


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

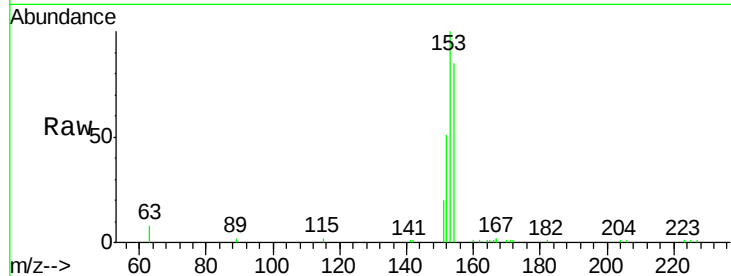




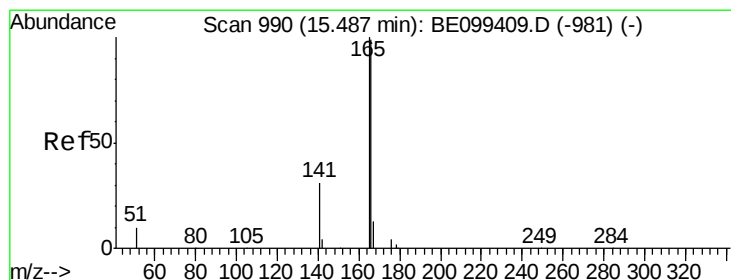
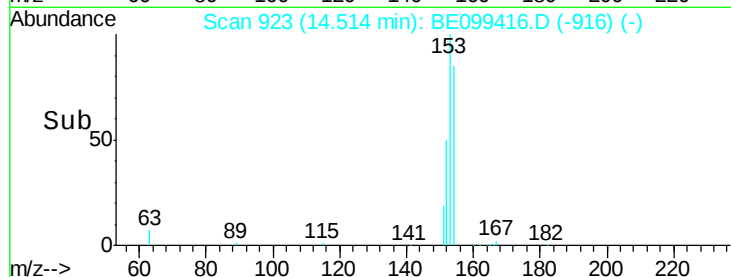
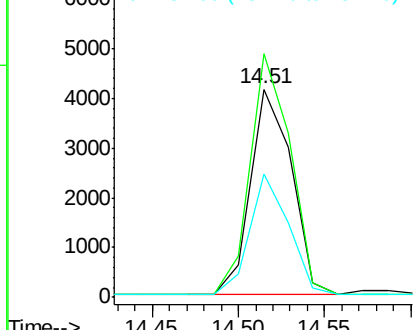
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099416.D
Acq: 30 Apr 2019 8:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 6846
Ion Ratio Lower Upper
154 100
153 115.3 92.6 138.8
152 56.0 45.8 68.8

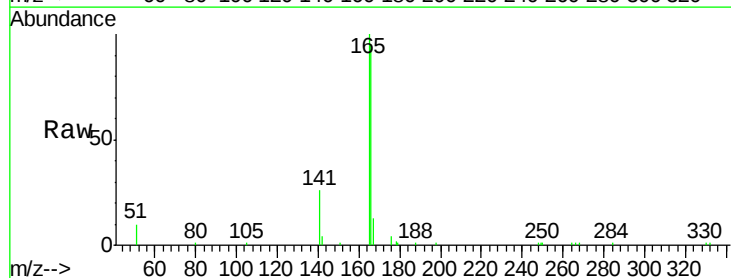


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

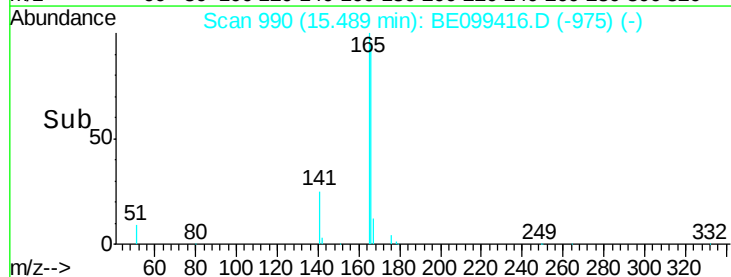
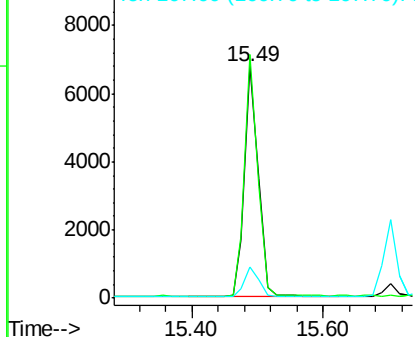


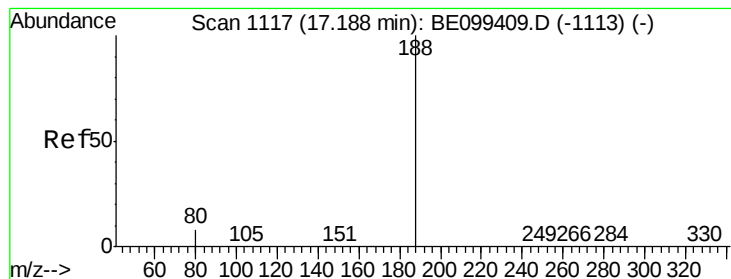
#18
Fluorene
Concen: 0.393 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099416.D
Acq: 30 Apr 2019 8:57

Tgt Ion:166 Resp: 9931
Ion Ratio Lower Upper
166 100
165 100.7 80.3 120.5
167 13.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

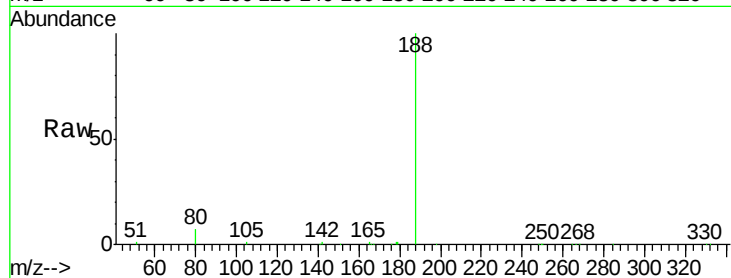
Tot Ion:188 Resp: 18301

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

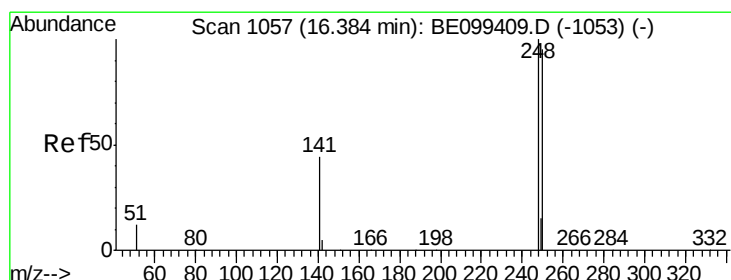
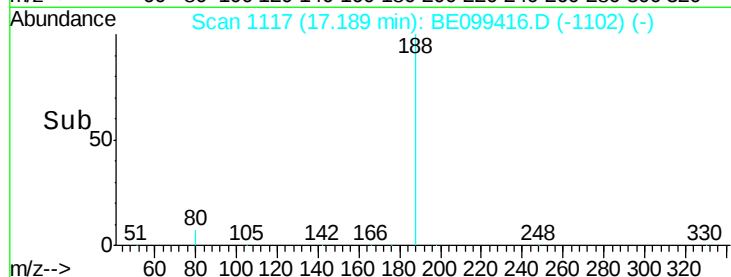
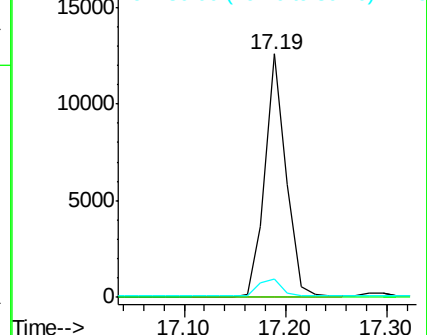
80 7.4 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

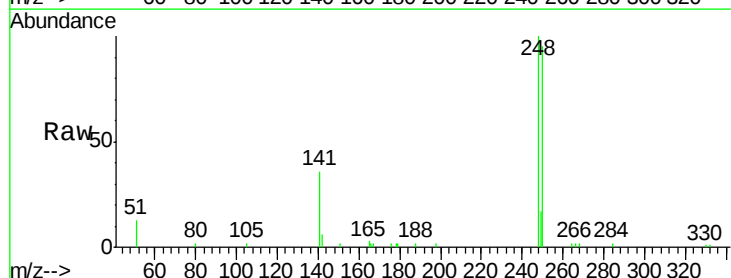
Tgt Ion:248 Resp: 4236

Ion Ratio Lower Upper

248 100

250 94.6 75.8 113.8

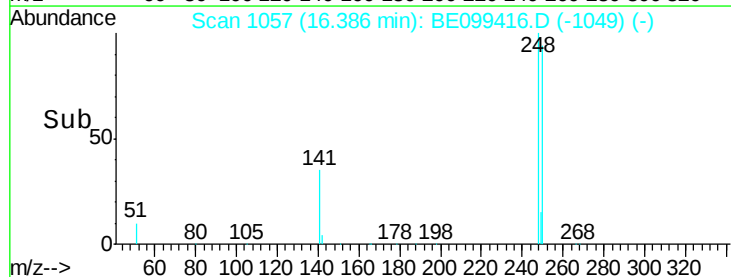
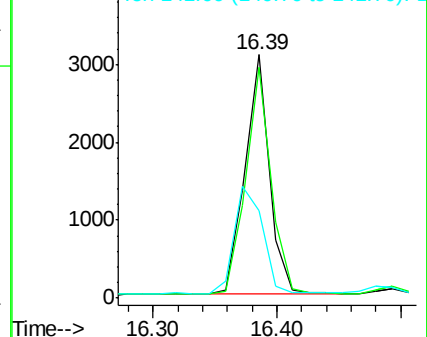
141 35.8 35.7 53.5

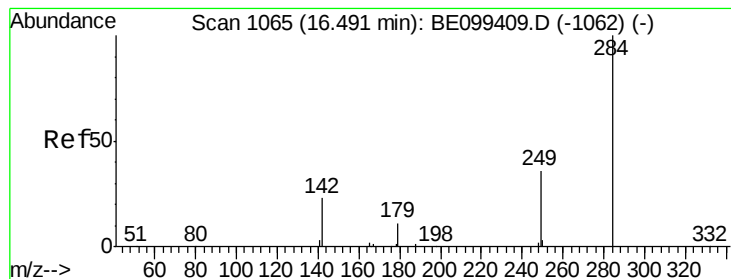


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

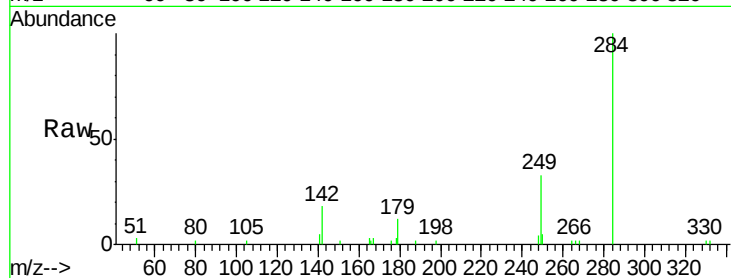
Tot Ion:284 Resp: 4103

Ion Ratio Lower Upper

284 100

142 25.5 21.0 31.6

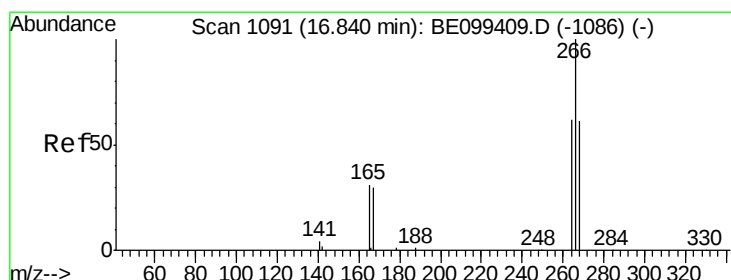
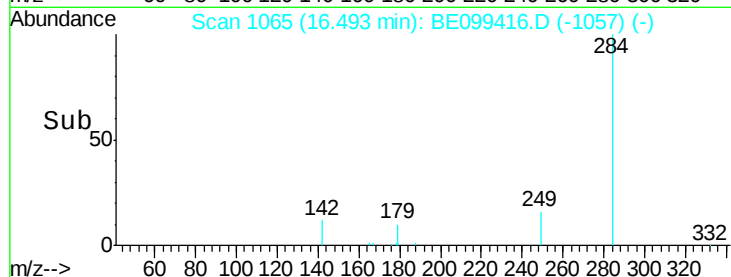
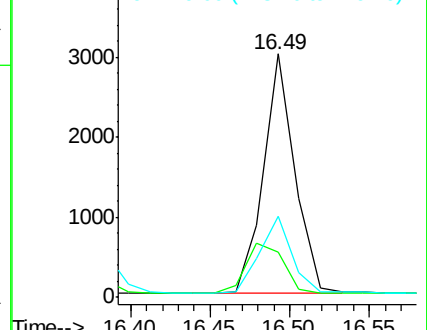
249 32.6 26.7 40.1



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: 0.458 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

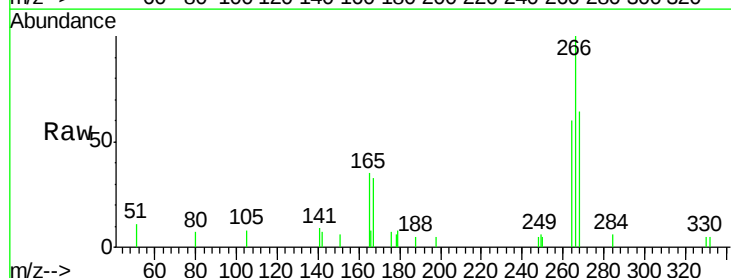
Tgt Ion:266 Resp: 1480

Ion Ratio Lower Upper

266 100

264 60.5 50.8 76.2

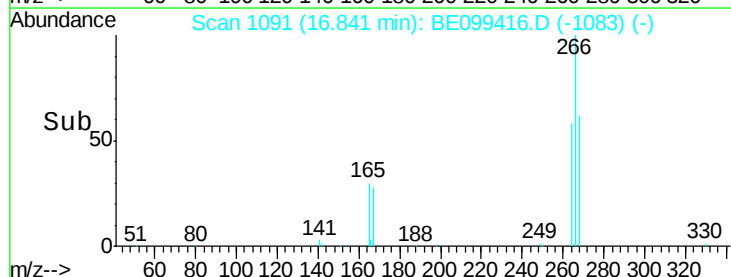
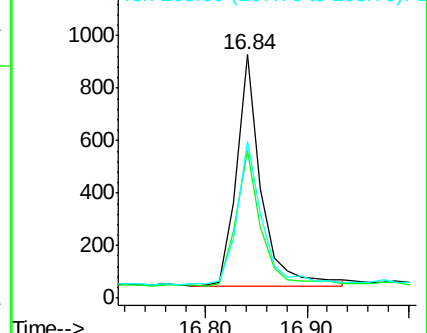
268 64.3 50.5 75.7

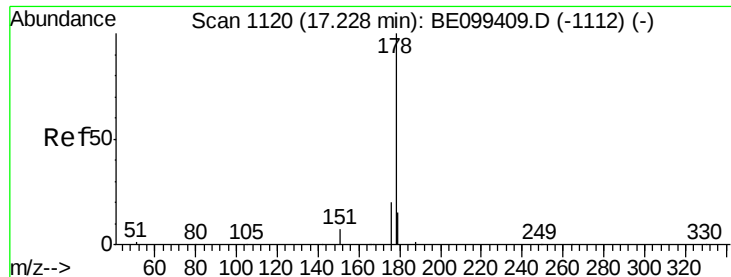


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

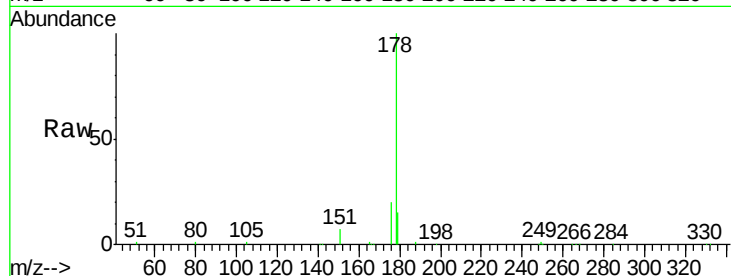
Tot Ion:178 Resp: 19335

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

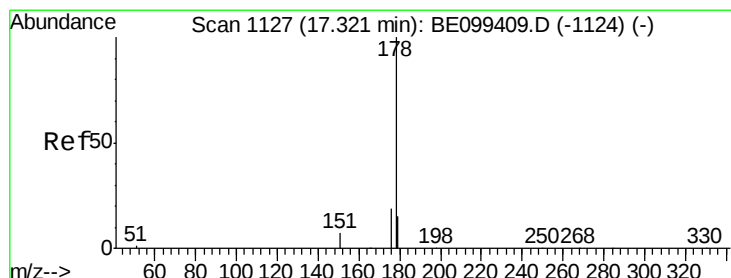
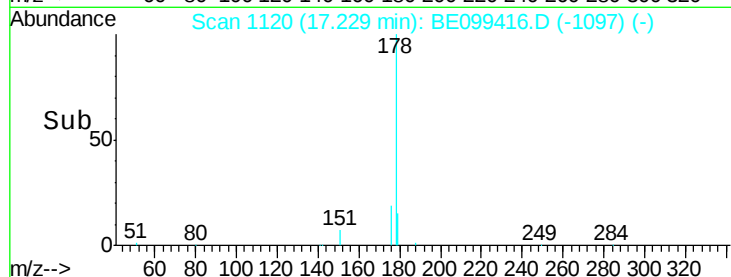
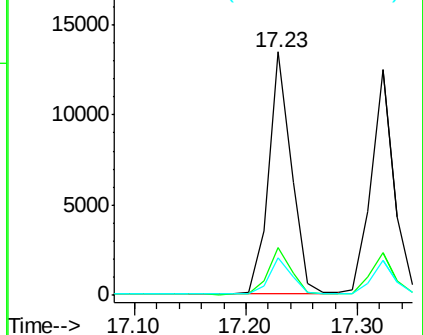
179 15.1 12.0 18.0



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: 0.393 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

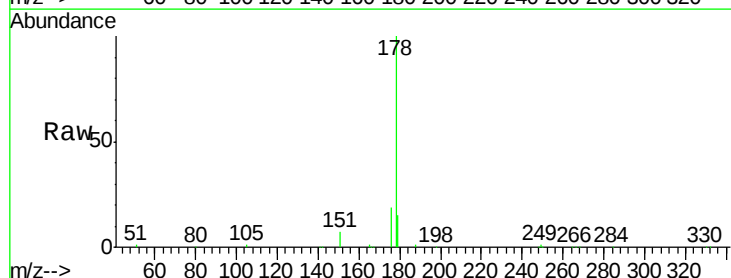
Tgt Ion:178 Resp: 17694

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

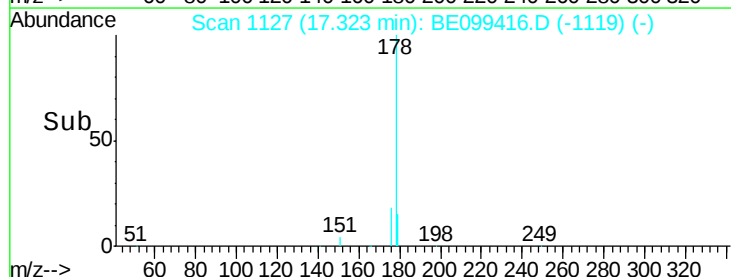
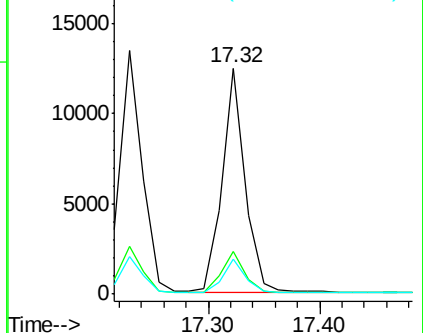
179 14.8 11.9 17.9

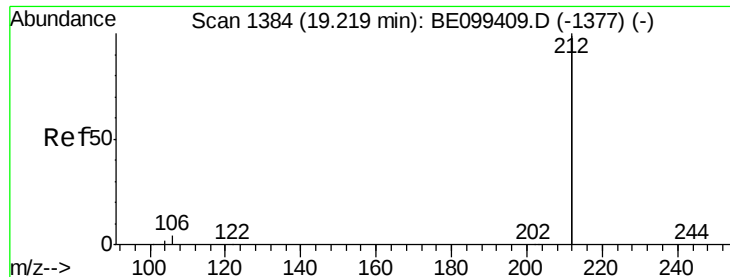


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

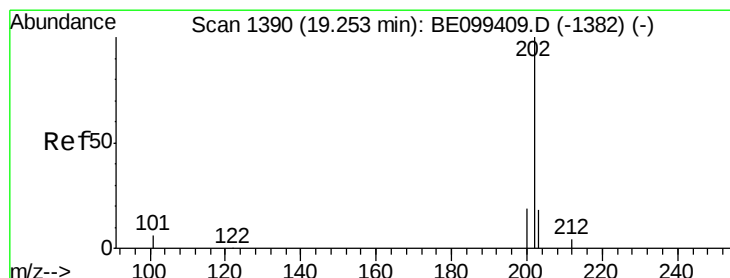
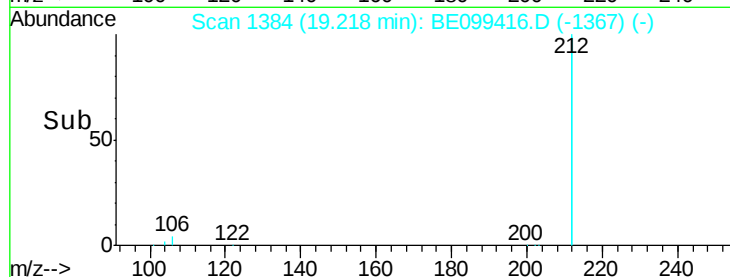
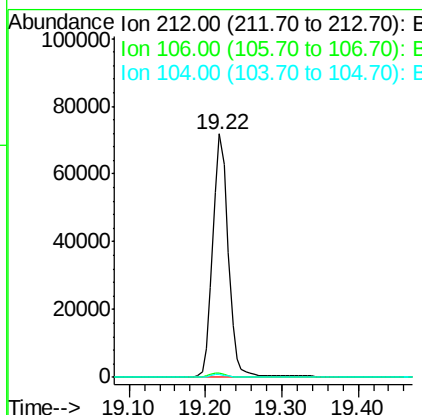
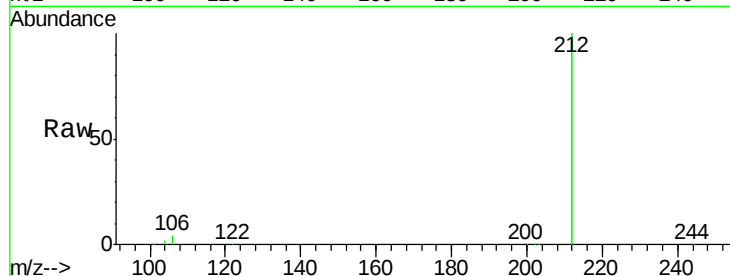




#25
 Fluoranthene-d10
 Concen: 0.405 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE099416.D
 Acq: 30 Apr 2019 8:57

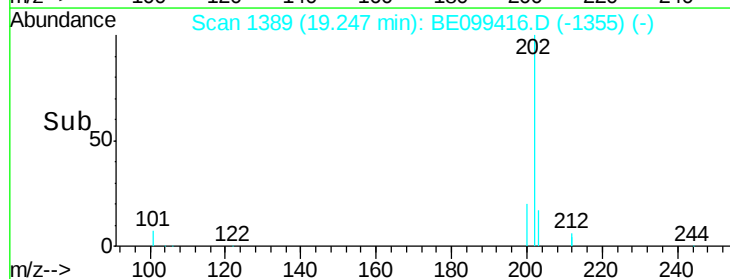
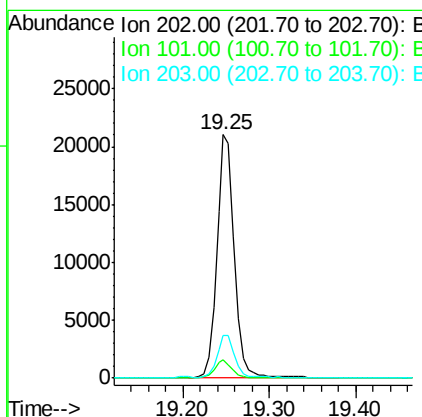
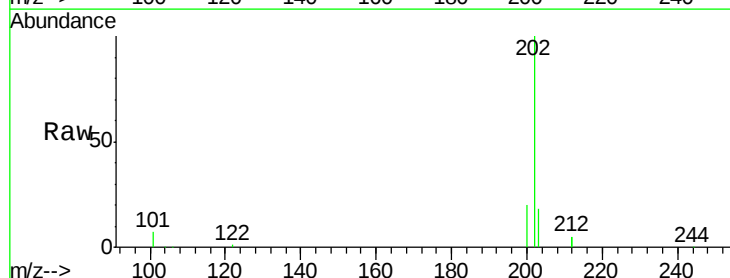
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 99926
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.5 2.3
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.411 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BE099416.D
 Acq: 30 Apr 2019 8:57

Tgt Ion:202 Resp: 29053
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.4 8.0
 203 17.2 13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

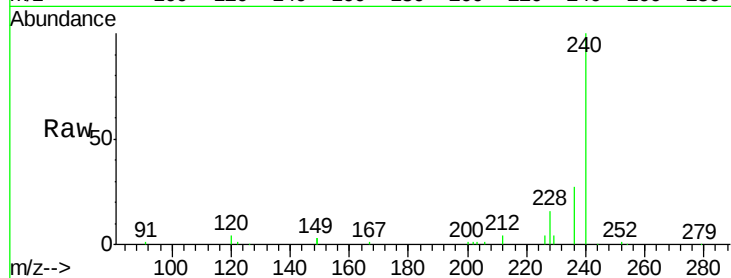
Tot Ion:240 Resp: 26822

Ion Ratio Lower Upper

240 100

120 3.8 4.0 6.0#

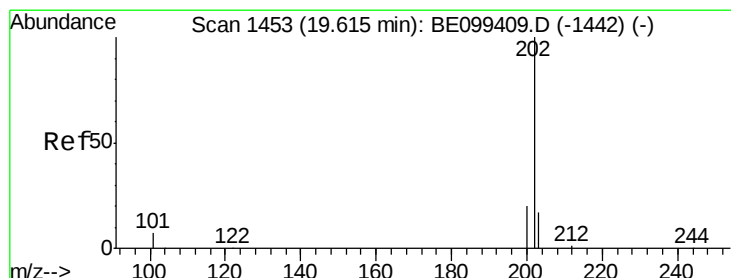
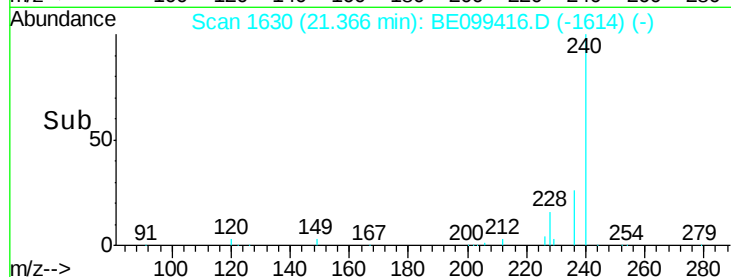
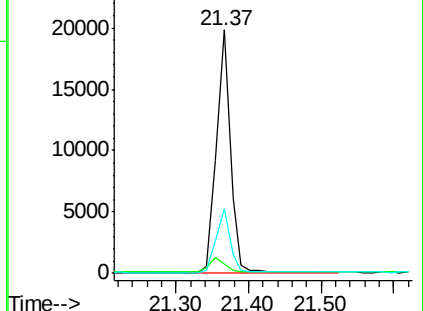
236 26.6 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.434 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

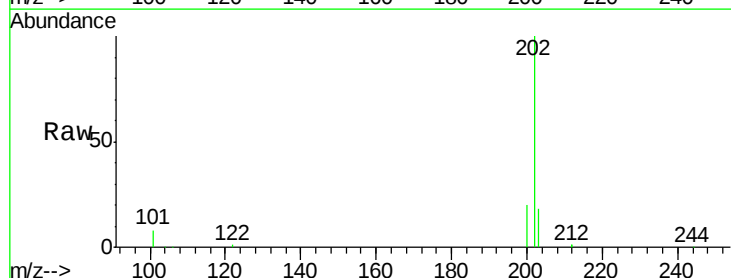
Tgt Ion:202 Resp: 30377

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

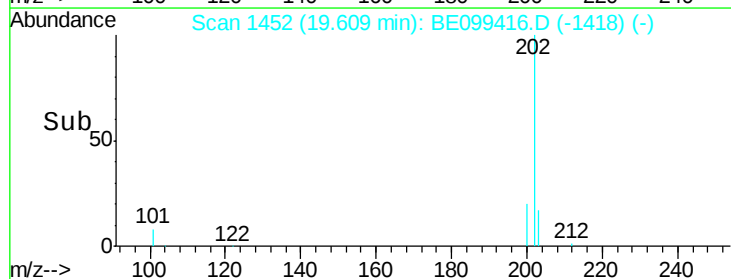
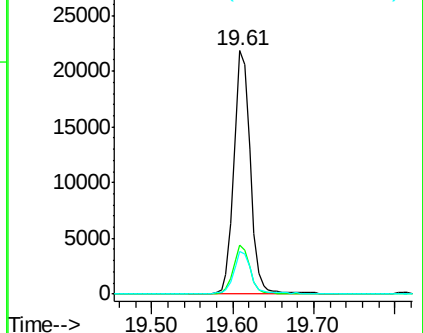
203 17.5 13.9 20.9

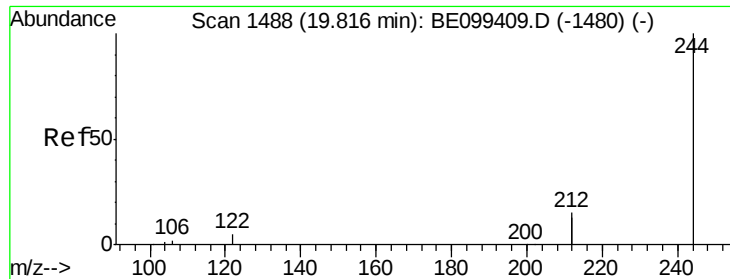


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.430 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

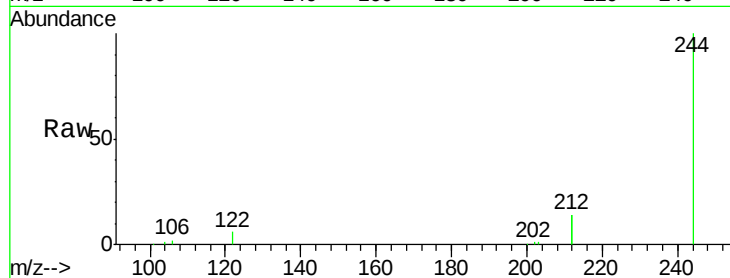
Tot Ion:244 Resp: 21145

Ion Ratio Lower Upper

244 100

212 28.3 23.2 34.8

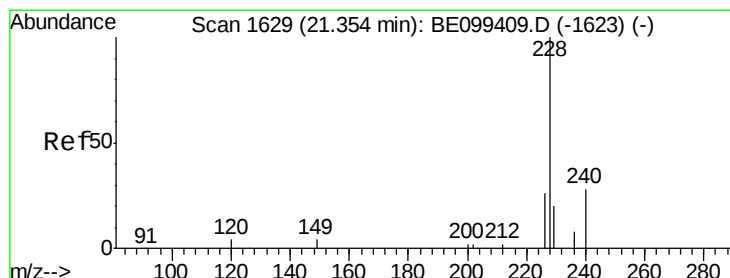
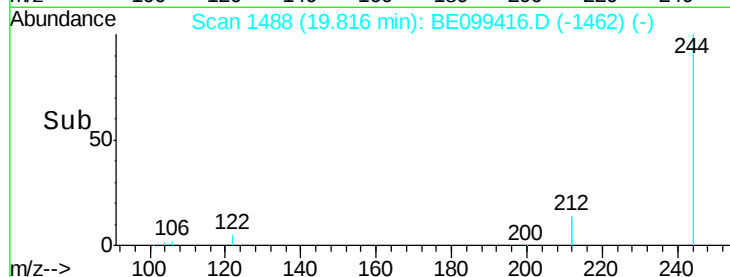
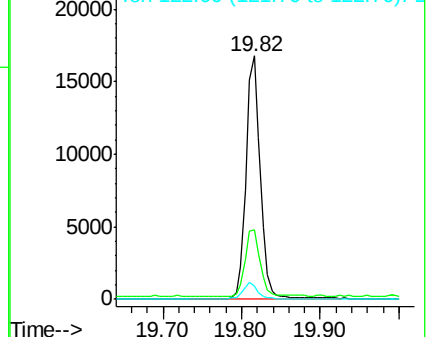
122 5.7 4.2 6.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.448 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

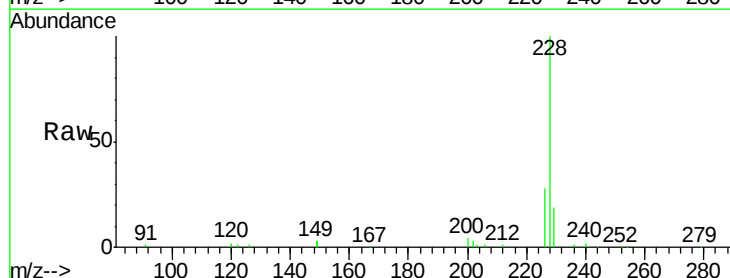
Tgt Ion:228 Resp: 38287

Ion Ratio Lower Upper

228 100

226 28.3 21.0 31.6

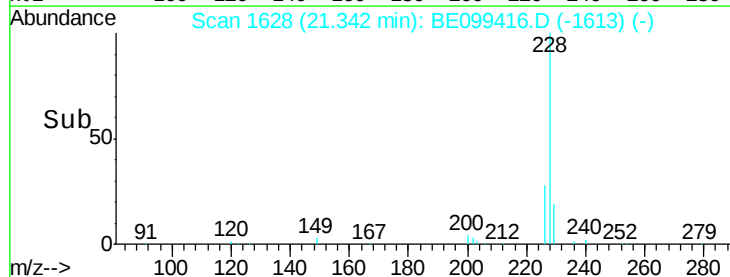
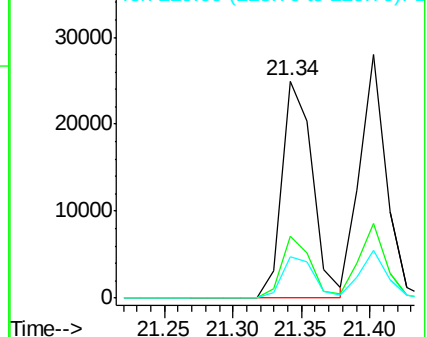
229 19.1 16.6 25.0

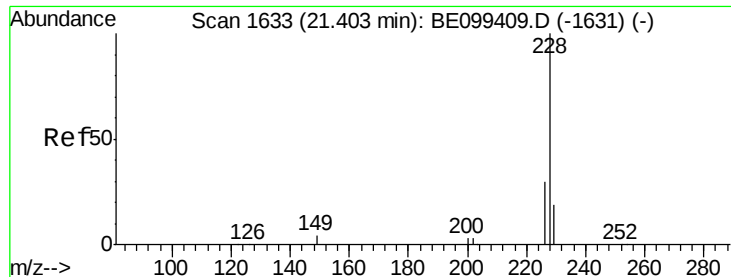


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.446 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

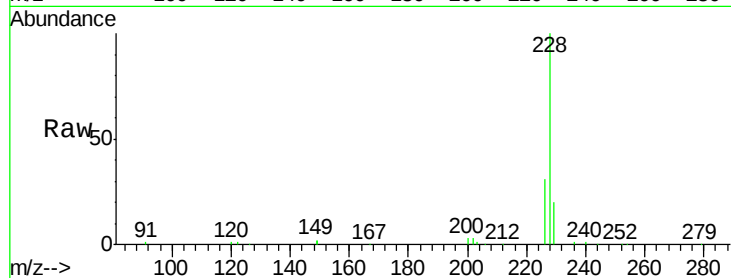
Tot Ion:228 Resp: 37337

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

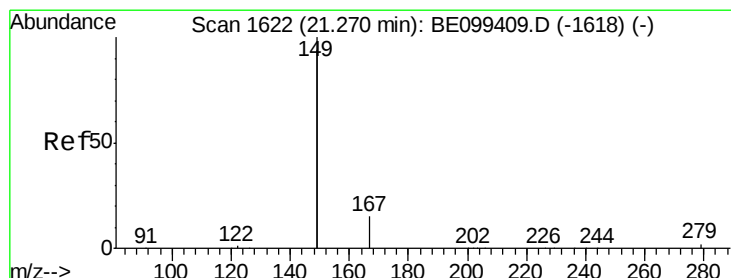
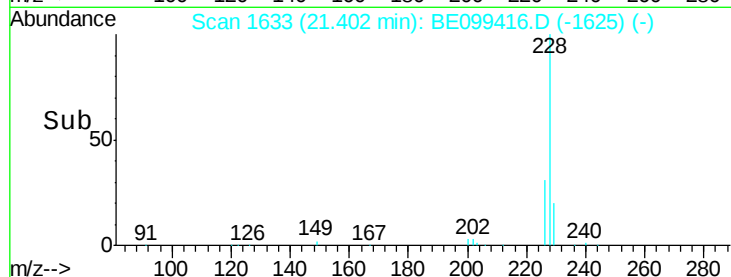
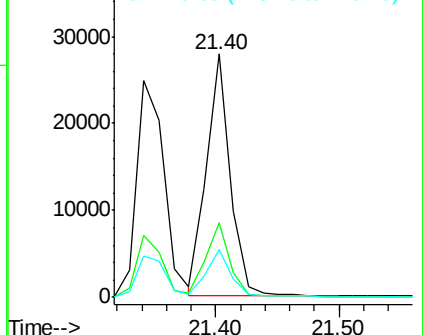
229 19.9 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.378 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

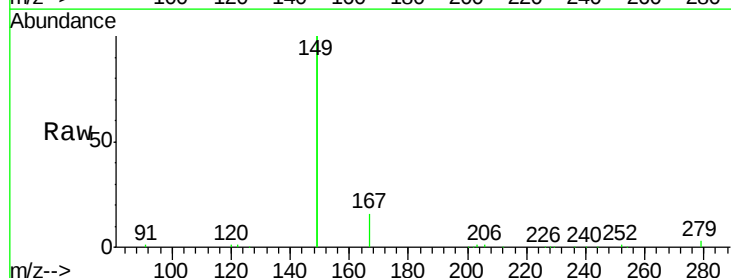
Tgt Ion:149 Resp: 54258

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

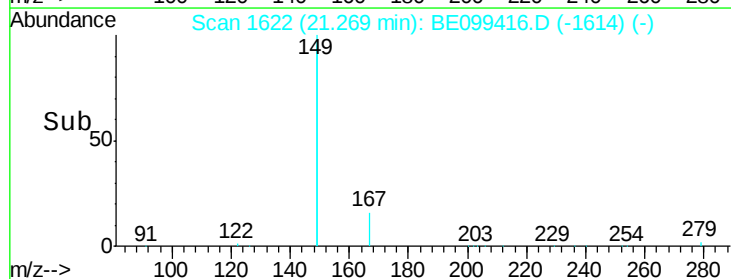
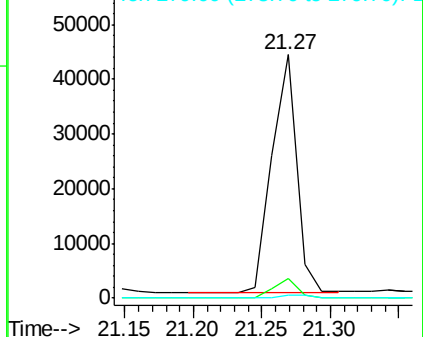
279 1.4 1.0 1.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

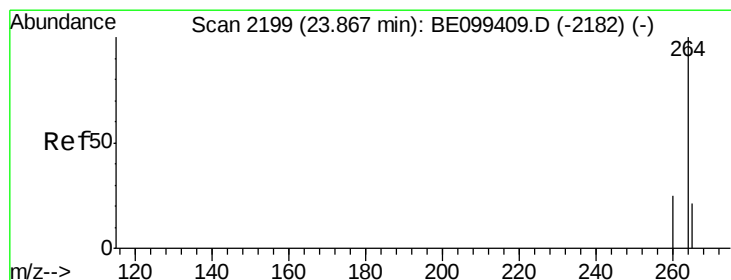
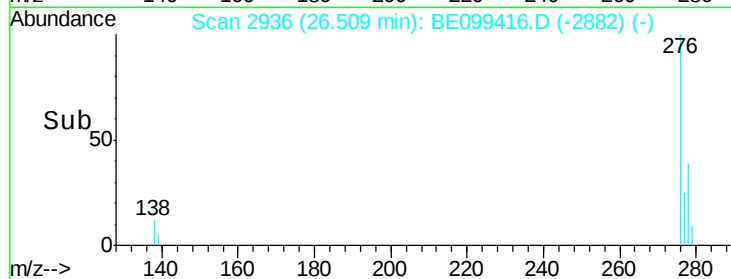
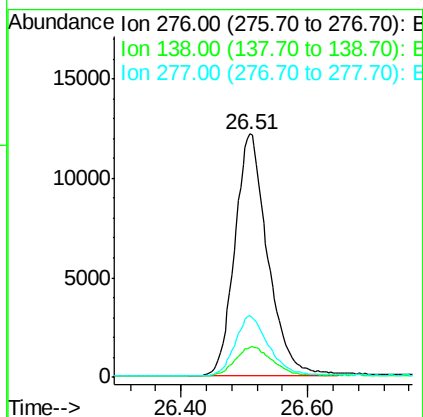
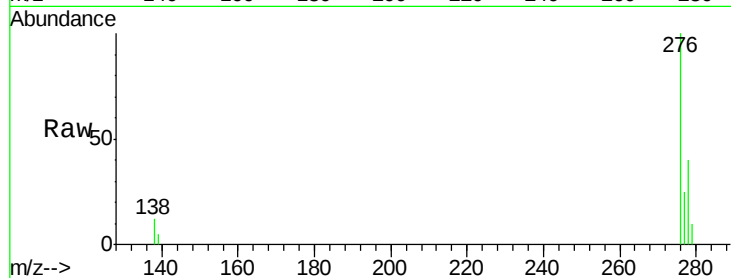




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.444 ng
 RT: 26.51 min Scan# 2936
 Delta R.T. -0.01 min
 Lab File: BE099416.D
 Acq: 30 Apr 2019 8:57

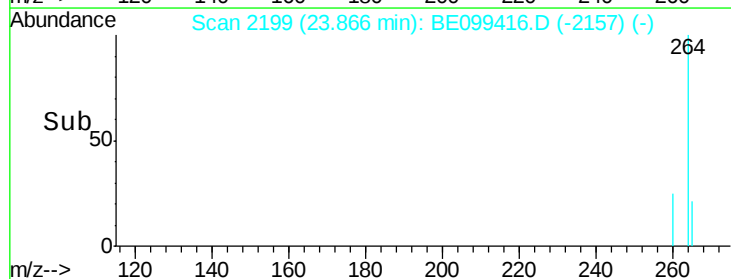
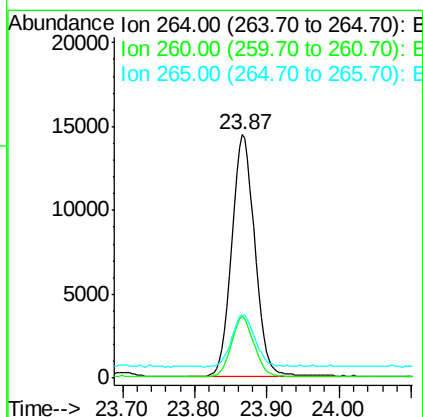
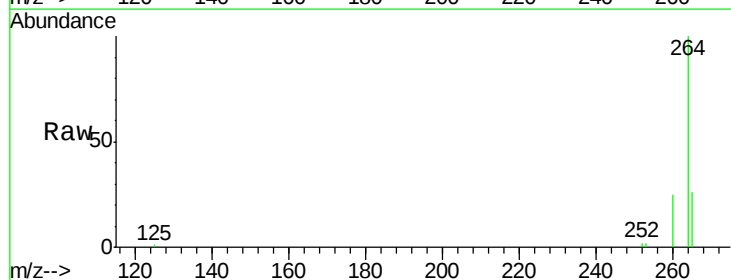
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 43891
 Ion Ratio Lower Upper
 276 100
 138 13.2 10.2 15.2
 277 24.8 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BE099416.D
 Acq: 30 Apr 2019 8:57

Tgt Ion:264 Resp: 31370
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 25.7 21.3 31.9

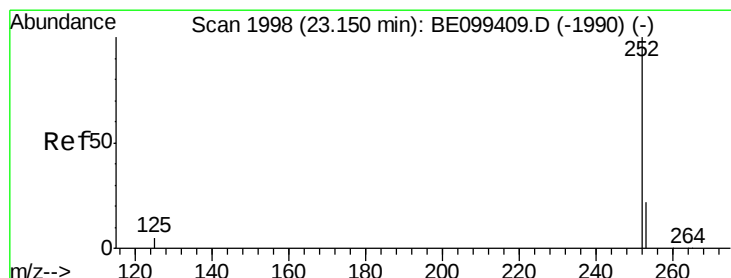
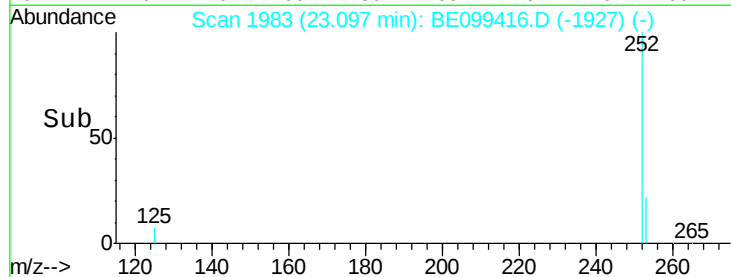
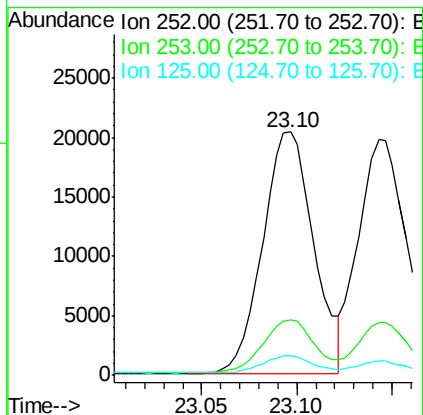
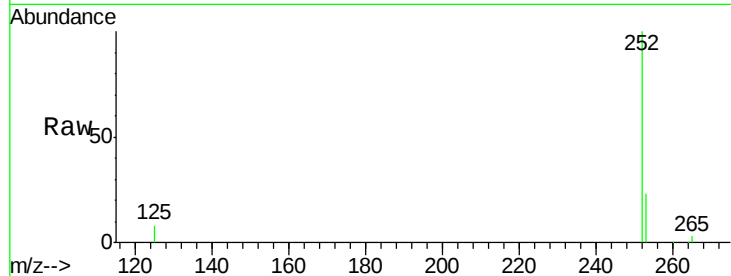




#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099416.D
Acq: 30 Apr 2019 8:57

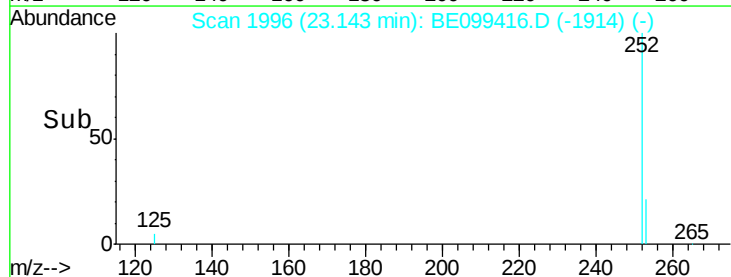
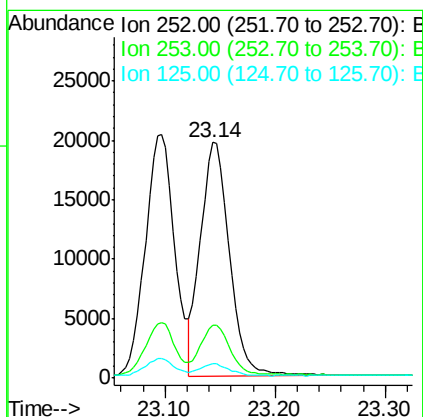
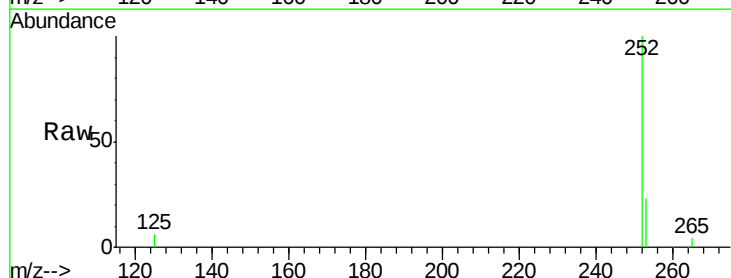
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 37936
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 8.2 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099416.D
Acq: 30 Apr 2019 8:57

Tgt Ion:252 Resp: 35808
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 6.2 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

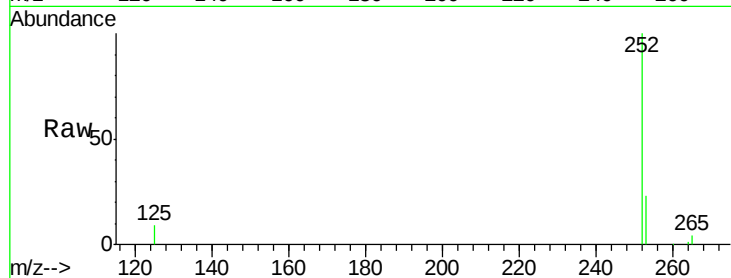
Tot Ion:252 Resp: 35136

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

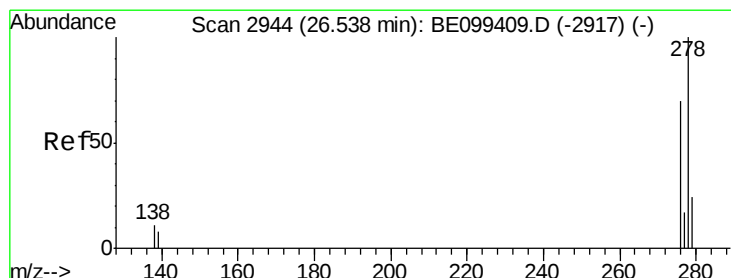
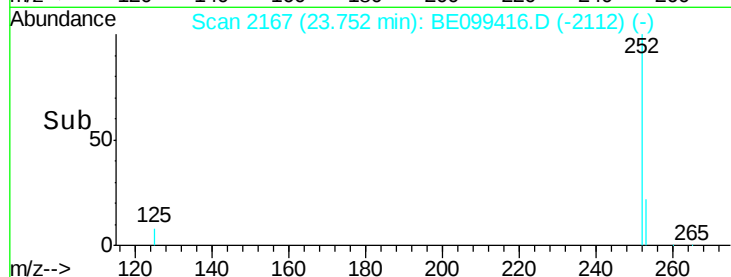
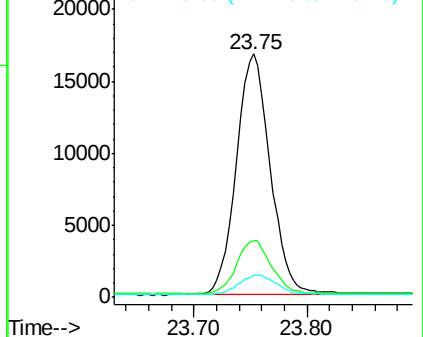
125 9.4 6.7 10.1



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: 0.406 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

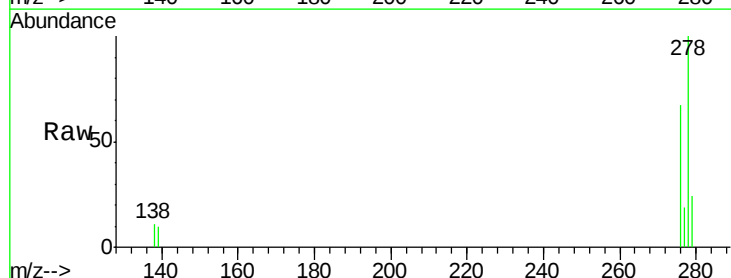
Tgt Ion:278 Resp: 35506

Ion Ratio Lower Upper

278 100

139 10.1 7.7 11.5

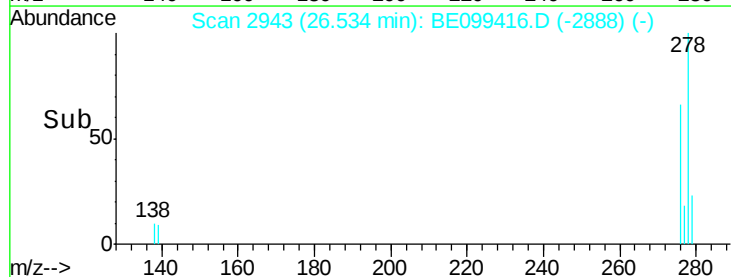
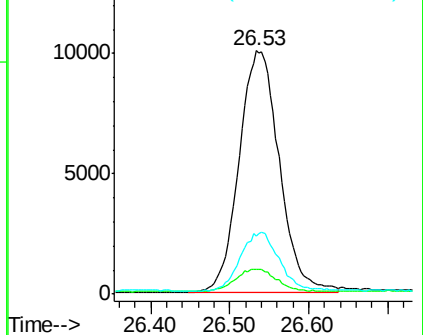
279 23.8 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.413 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BE099416.D

Acq: 30 Apr 2019 8:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

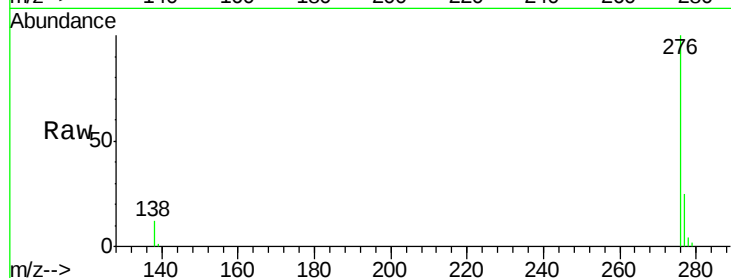
Tot Ion: 276 Resp: 36173

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 11.7 9.6 14.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

