

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099433.D
 Acq On : 30 Apr 2019 19:11
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 30 22:45:17 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	7.80	152	2503	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	9542	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7953	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25155	0.40	ng	0.00
27) Chrysene-d12	21.37	240	30393	0.40	ng	0.00
34) Perylene-d12	23.86	264	33407	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2849	0.41	ng	0.00
5) Phenol-d6	6.96	99	4067	0.44	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3660	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7393	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	2100	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	11861	0.39	ng	-0.02
25) Fluoranthene-d10	19.22	212	130110	0.38	ng	0.00
29) Terphenyl-d14	19.81	244	26572	0.48	ng	0.00

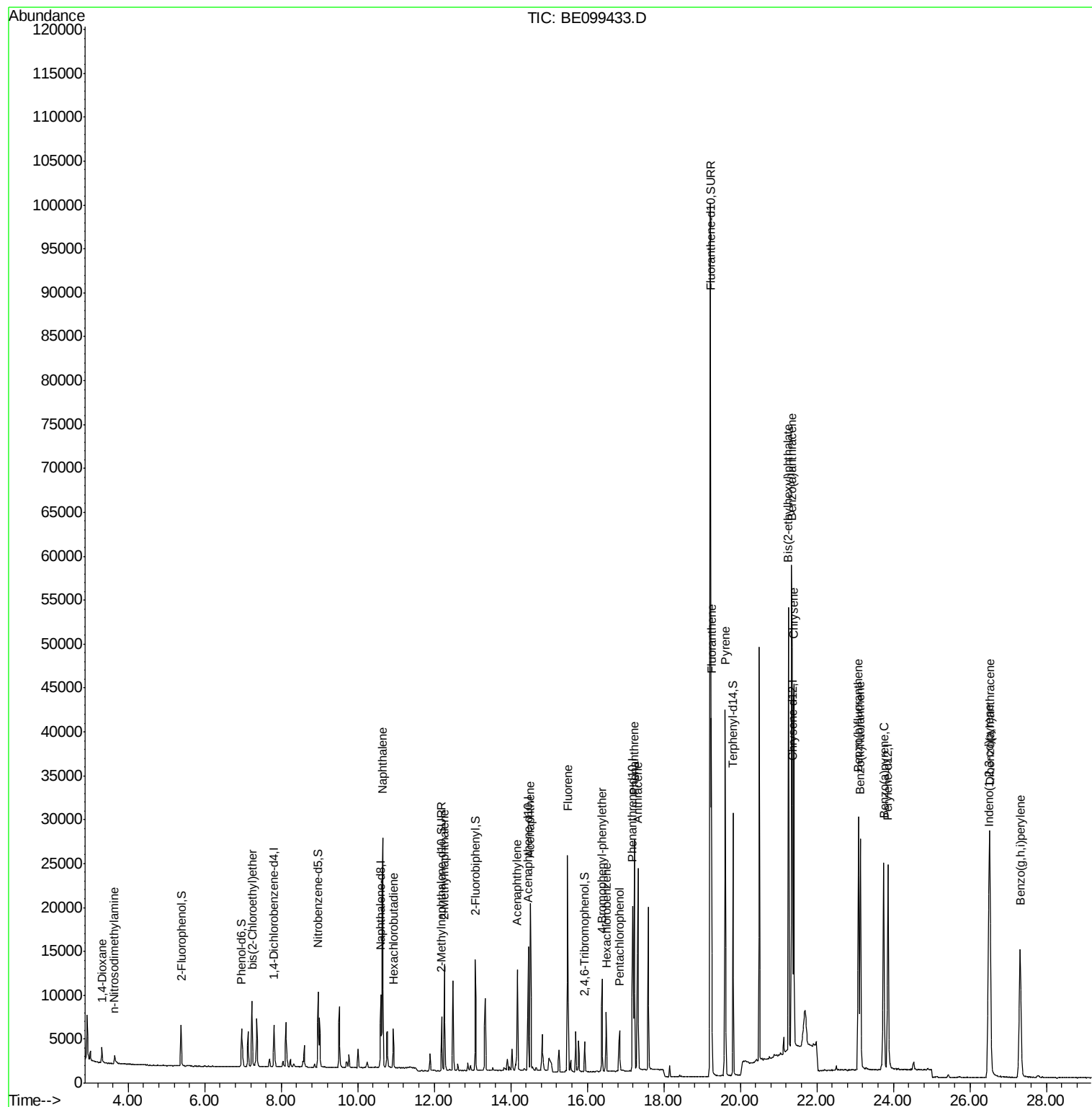
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1368	0.397	ng	92
3) n-Nitrosodimethylamine	3.63	42	735	0.354	ng	# 97
6) bis(2-Chloroethyl)ether	7.24	93	3092	0.389	ng	97
9) Naphthalene	10.65	128	43038	0.414	ng	100
10) Hexachlorobutadiene	10.93	225	2989	0.413	ng	98
12) 2-Methylnaphthalene	12.27	142	7849	0.434	ng	95
16) Acenaphthylene	14.17	152	15300	0.393	ng	98
17) Acenaphthene	14.51	154	9003	0.405	ng	99
18) Fluorene	15.49	166	13492	0.412	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	5785	0.395	ng	# 89
21) Hexachlorobenzene	16.49	284	5675	0.407	ng	99
22) Pentachlorophenol	16.84	266	2735	0.542	ng	99
23) Phenanthrene	17.23	178	25706	0.396	ng	99
24) Anthracene	17.32	178	24444	0.395	ng	99
26) Fluoranthene	19.25	202	37873	0.390	ng	99
28) Pyrene	19.61	202	39263	0.496	ng	100
30) Benzo(a)anthracene	21.34	228	42429	0.438	ng	98
31) Chrysene	21.40	228	42819	0.452	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	65380	0.407	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	46613	0.416	ng	98
35) Benzo(b)fluoranthene	23.09	252	40885	0.424	ng	99
36) Benzo(k)fluoranthene	23.14	252	38841	0.418	ng	100
37) Benzo(a)pyrene	23.75	252	38063	0.418	ng	99
38) Dibenzo(a,h)anthracene	26.52	278	38417	0.412	ng	99
39) Benzo(g,h,i)perylene	27.32	276	38013	0.407	ng	99

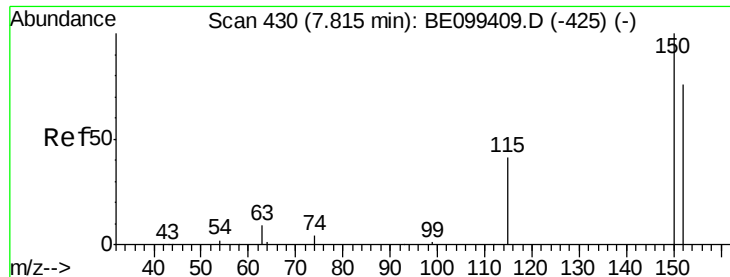
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 18:36:43 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

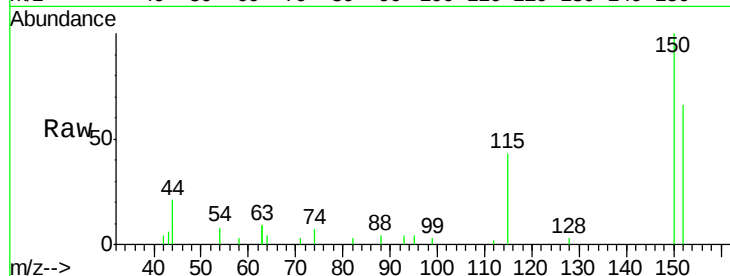
Tgt Ion:152 Resp: 2503

Ion Ratio Lower Upper

152 100

150 152.5 104.8 157.2

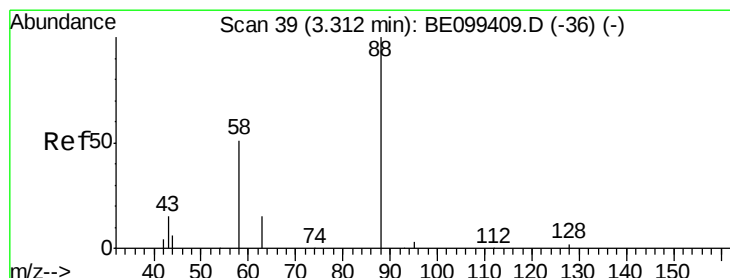
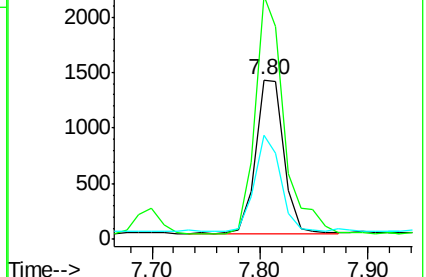
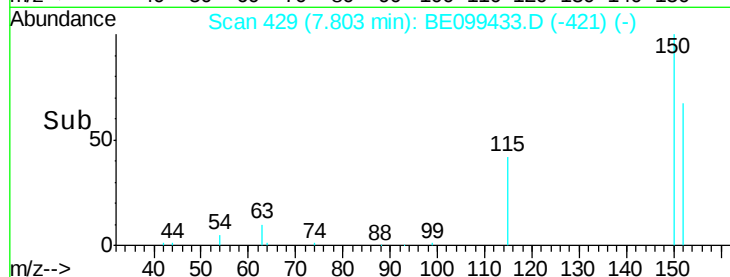
115 65.5 46.6 69.8



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: BE099433.D

Acq: 30 Apr 2019 19:11

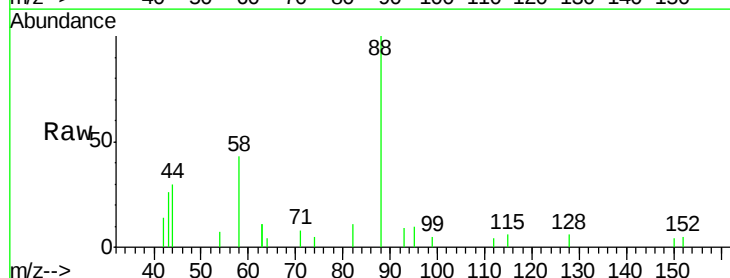
Tgt Ion: 88 Resp: 1368

Ion Ratio Lower Upper

88 100

58 56.9 51.0 76.6

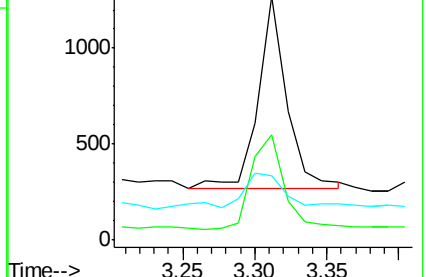
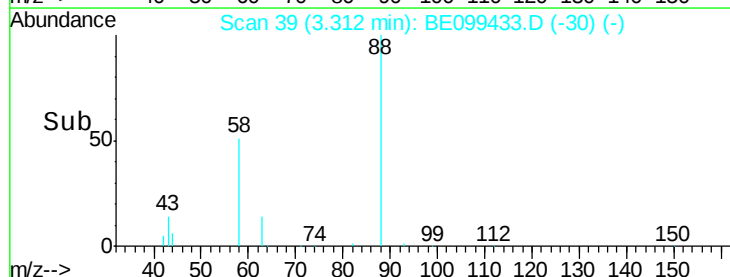
43 29.1 20.6 30.8

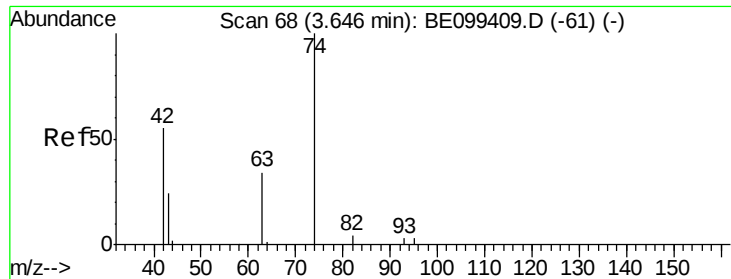


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.354 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099433.D

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Instrument :

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ClientSampleId :

SSTDCCC0.4EC

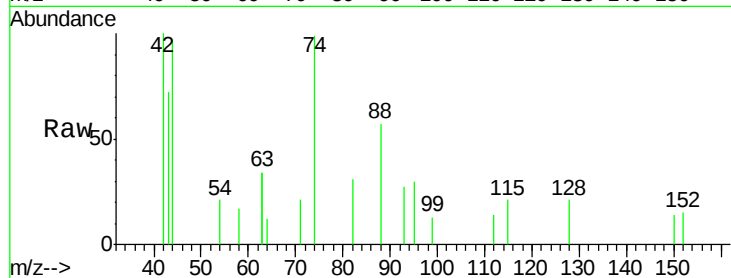
Tgt Ion: 42 Resp: 735

Ion Ratio Lower Upper

42 100

74 172.7 141.6 212.4

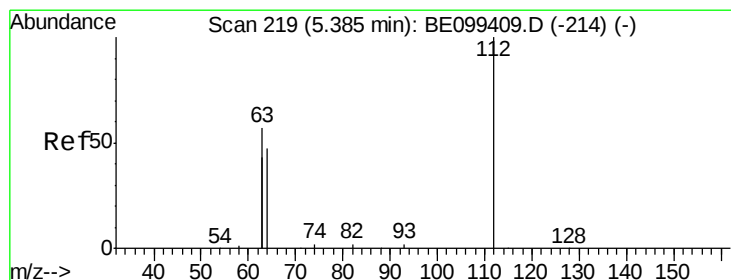
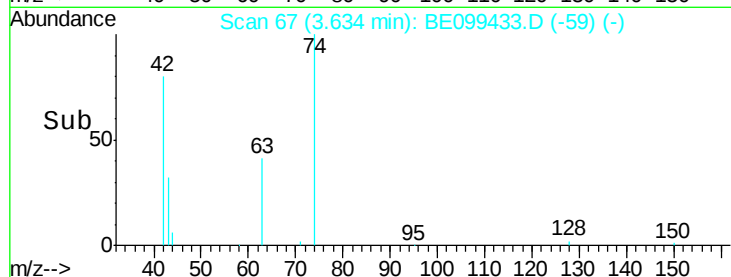
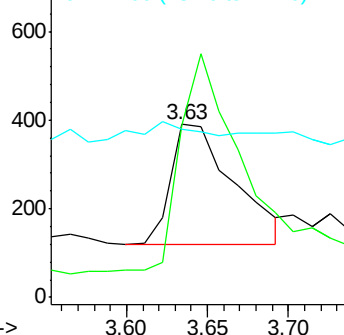
44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.412 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

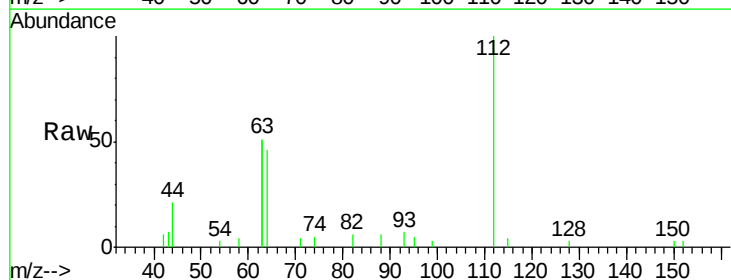
Tgt Ion: 112 Resp: 2849

Ion Ratio Lower Upper

112 100

64 56.0 47.4 71.0

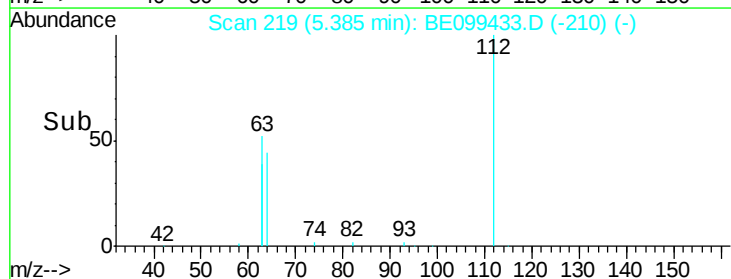
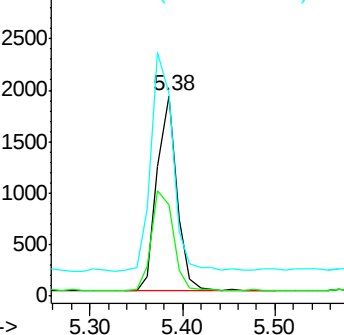
63 122.0 104.3 156.5

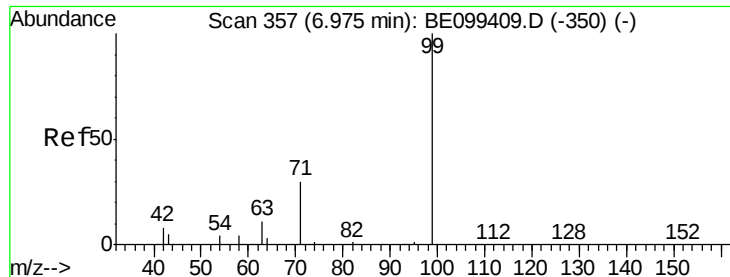


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.442 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

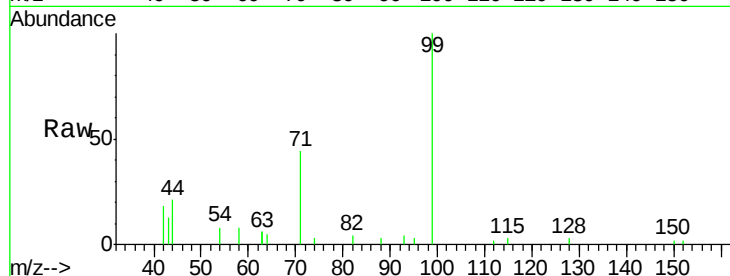
Tgt Ion: 99 Resp: 4067

Ion Ratio Lower Upper

99 100

42 16.0 14.9 22.3

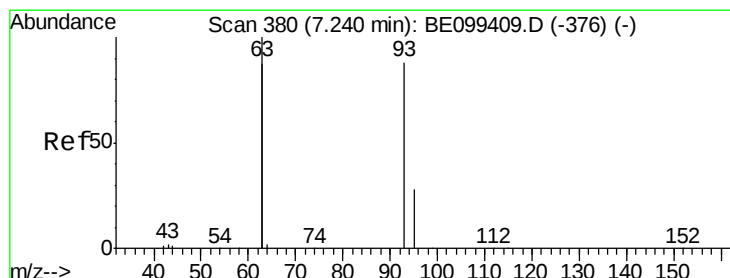
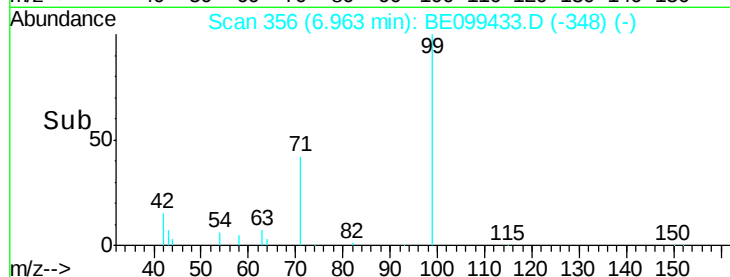
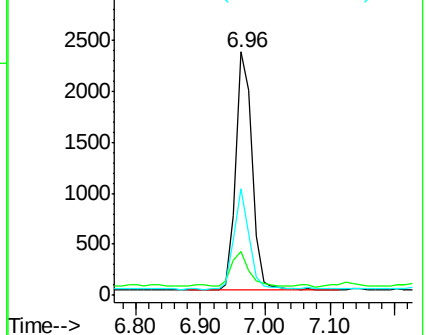
71 39.8 33.0 49.6



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: 0.389 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

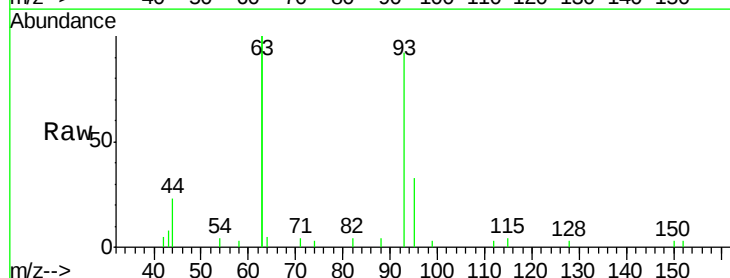
Tgt Ion: 93 Resp: 3092

Ion Ratio Lower Upper

93 100

63 275.8 215.6 323.4

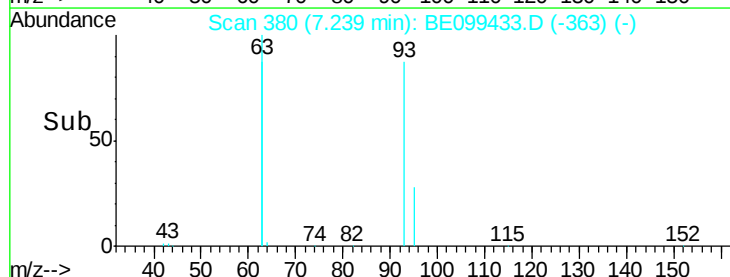
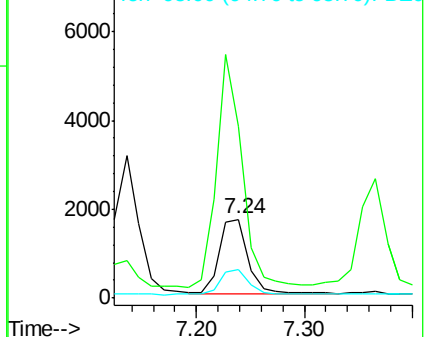
95 34.8 26.2 39.2

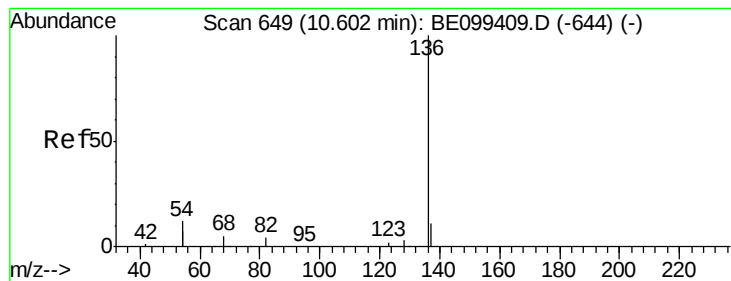


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 9542

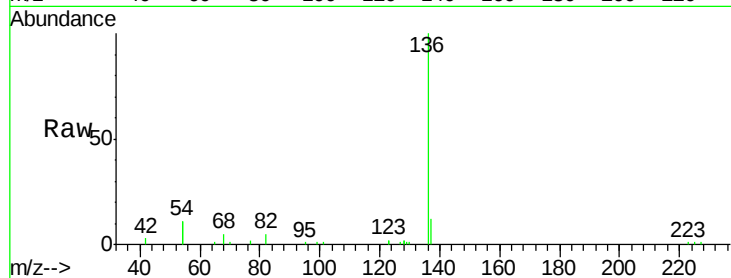
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 22.7 18.5 27.7

68 5.5 4.7 7.1

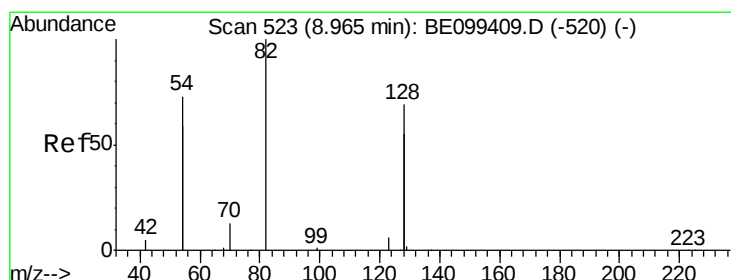
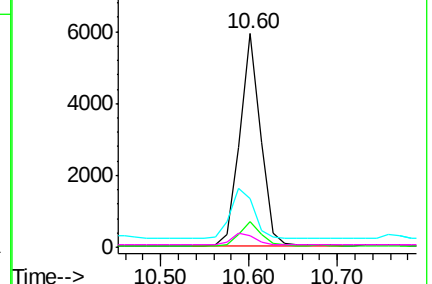
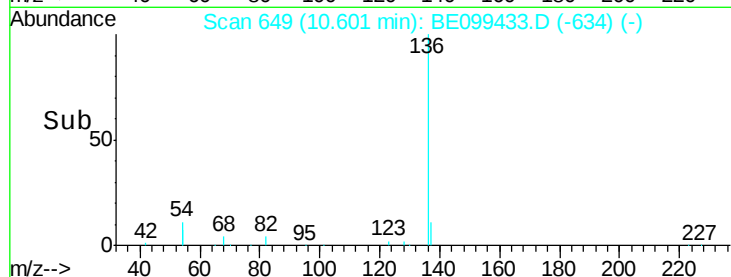


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

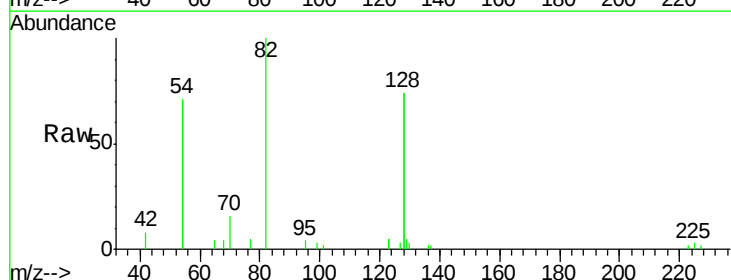
Tgt Ion: 82 Resp: 3660

Ion Ratio Lower Upper

82 100

128 148.7 107.0 160.4

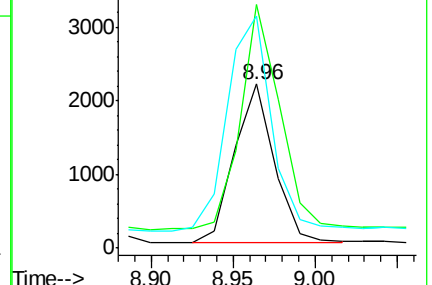
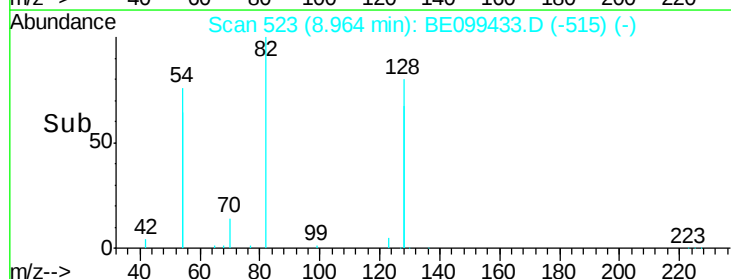
54 141.4 113.1 169.7

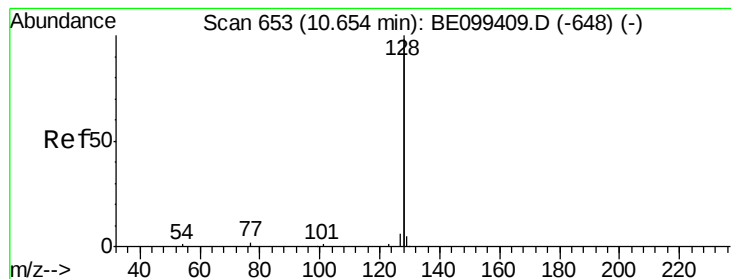


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.414 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

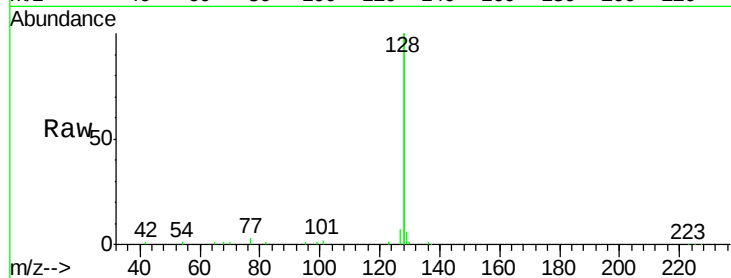
Tgt Ion:128 Resp: 43038

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

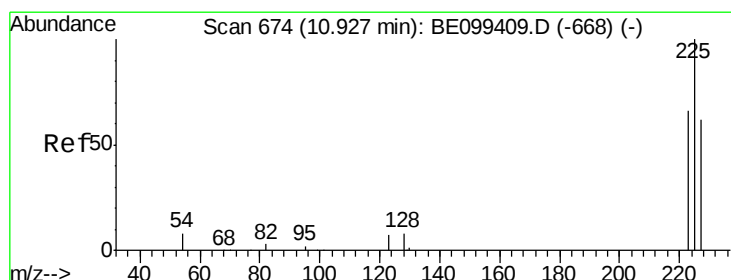
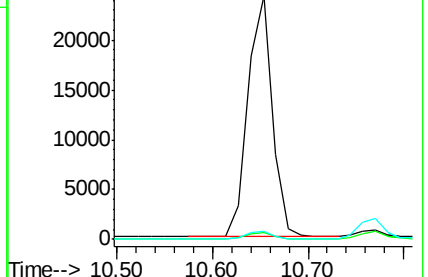
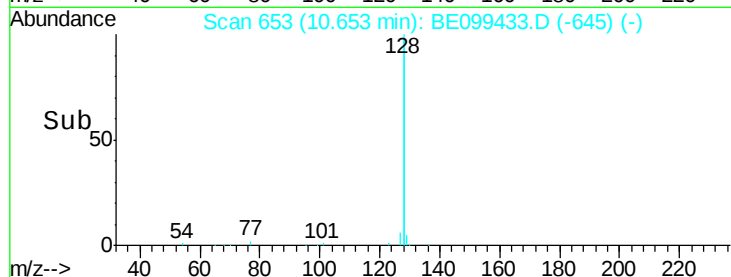
127 3.4 2.8 4.2



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: 0.413 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

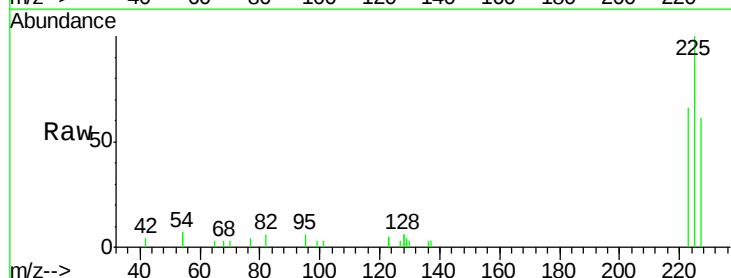
Tgt Ion:225 Resp: 2989

Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

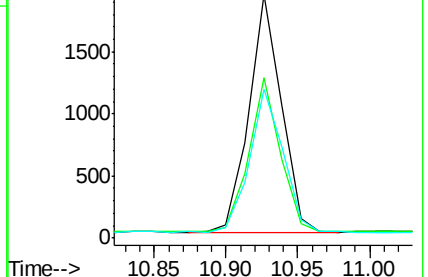
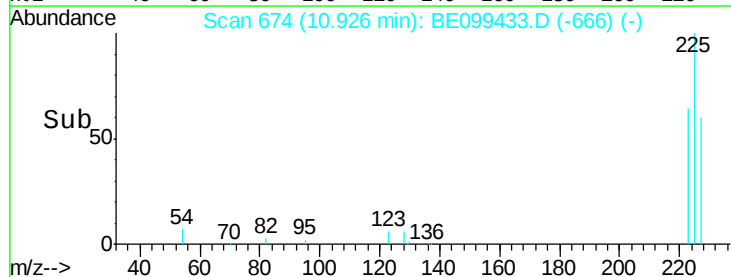
227 61.9 50.9 76.3

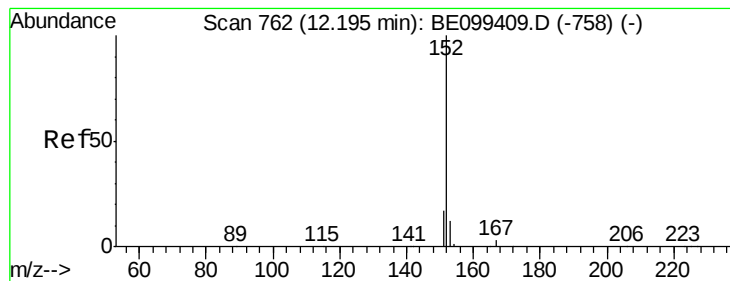


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.430 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

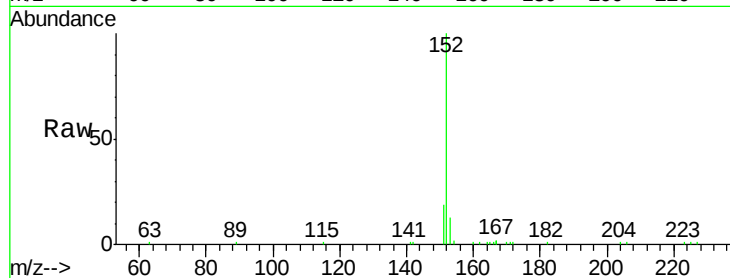
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7393

Ion Ratio Lower Upper

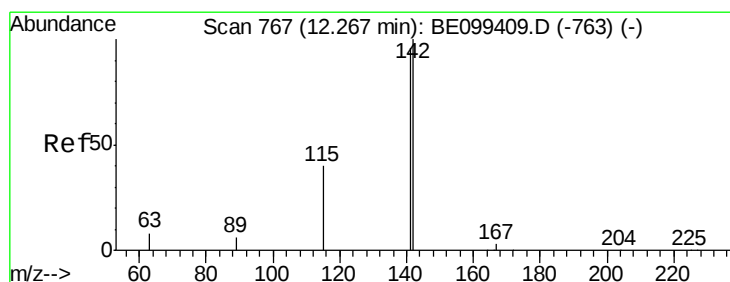
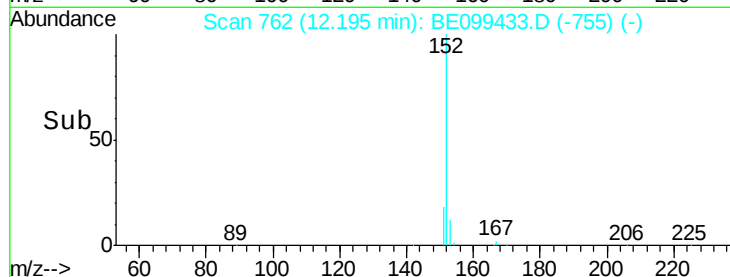
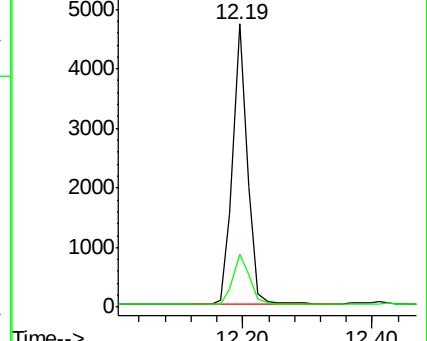
152 100

151 20.0 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: 0.434 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

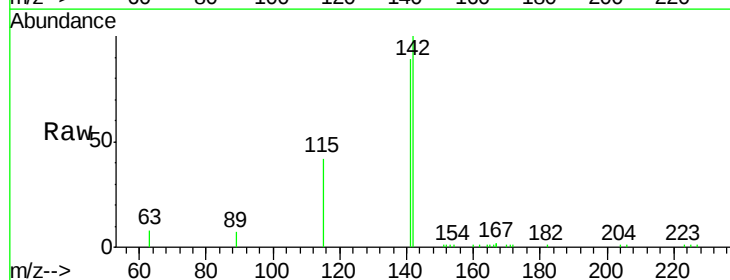
Tgt Ion:142 Resp: 7849

Ion Ratio Lower Upper

142 100

141 89.5 77.0 115.4

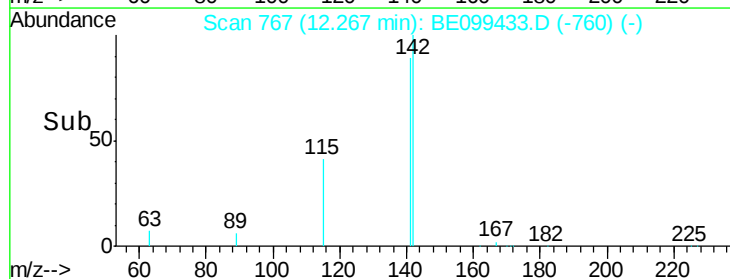
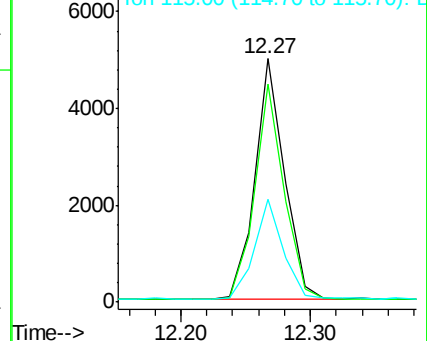
115 42.1 33.4 50.0

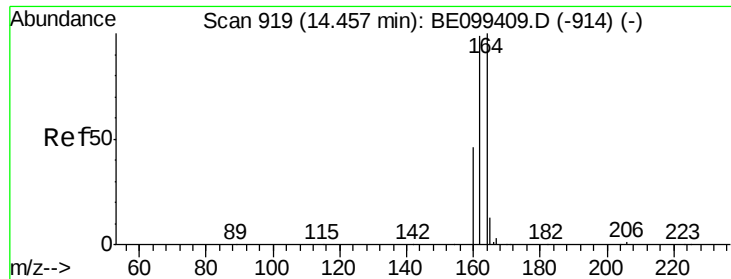


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

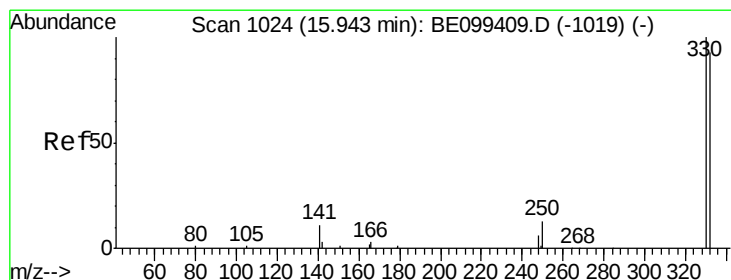
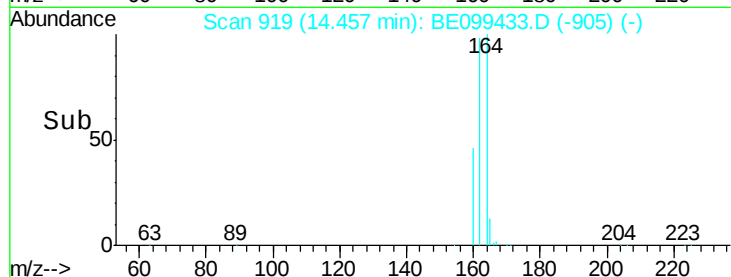
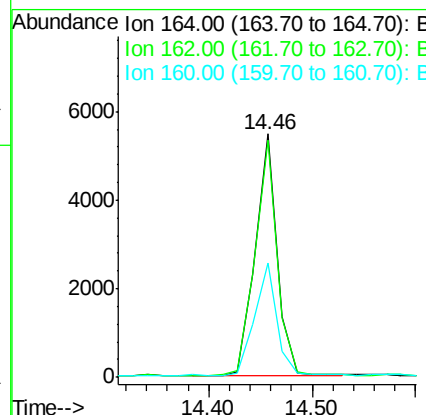
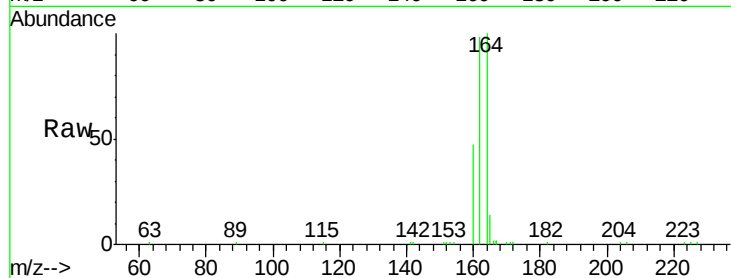




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099433.D
 Acq: 30 Apr 2019 19:11

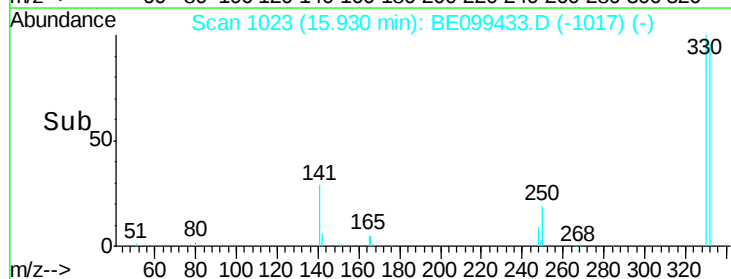
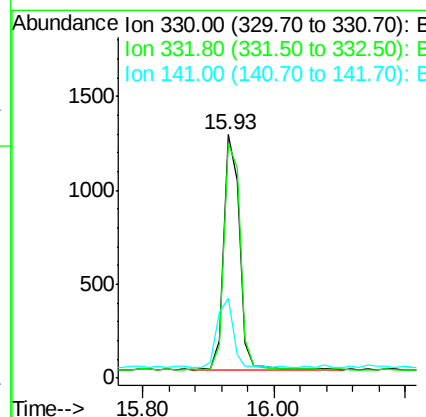
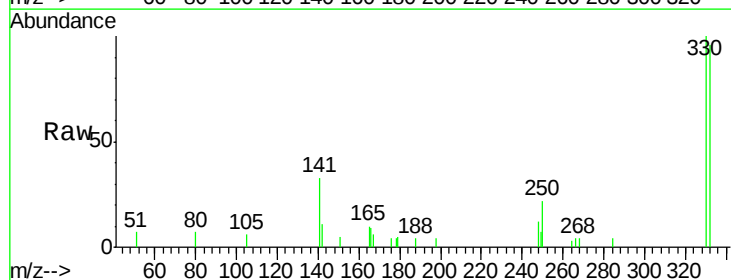
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

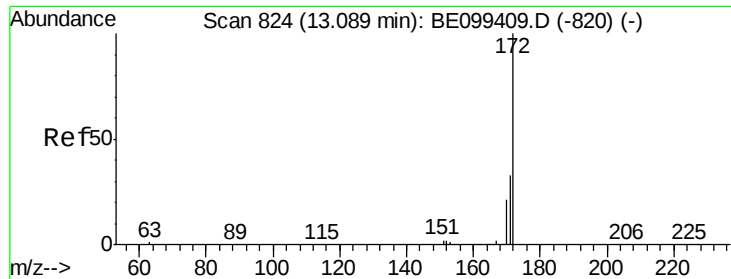
Tgt Ion:164 Resp: 7953
 Ion Ratio Lower Upper
 164 100
 162 97.6 79.0 118.4
 160 46.9 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.419 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BE099433.D
 Acq: 30 Apr 2019 19:11

Tgt Ion:330 Resp: 2100
 Ion Ratio Lower Upper
 330 100
 332 101.1 71.5 107.3
 141 30.6 24.0 36.0

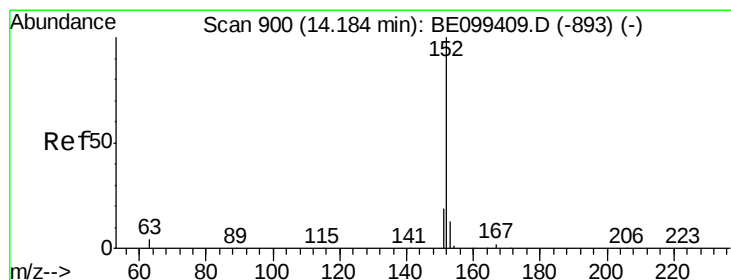
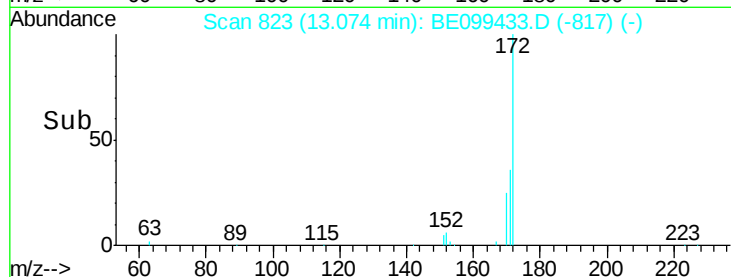
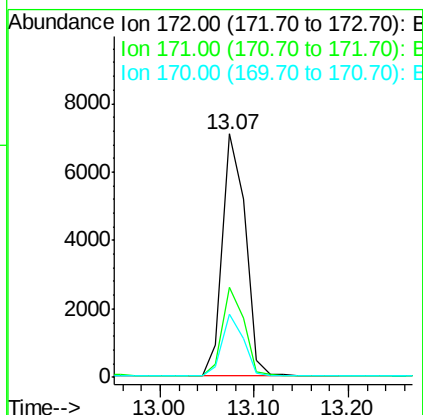
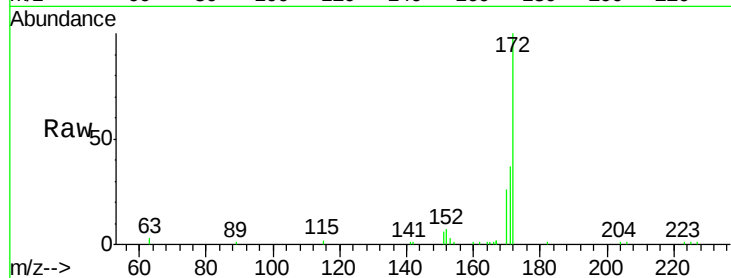




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

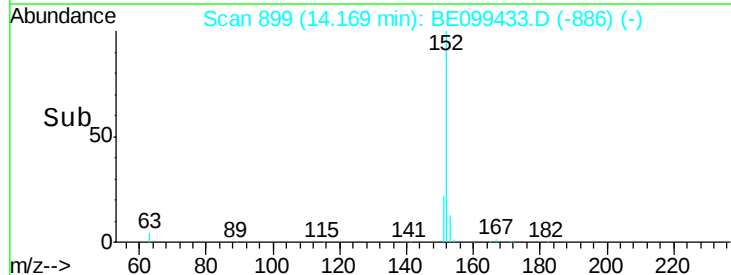
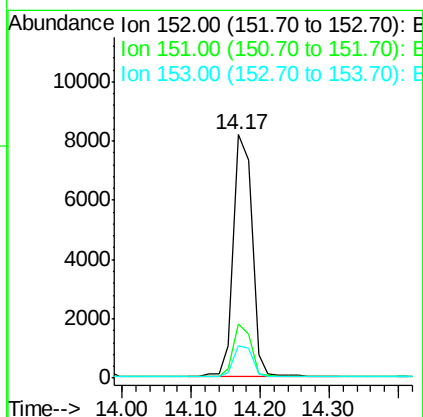
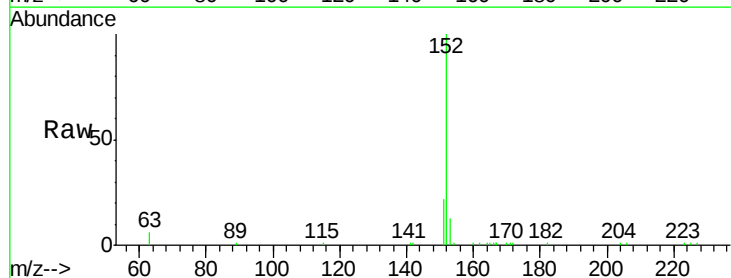
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

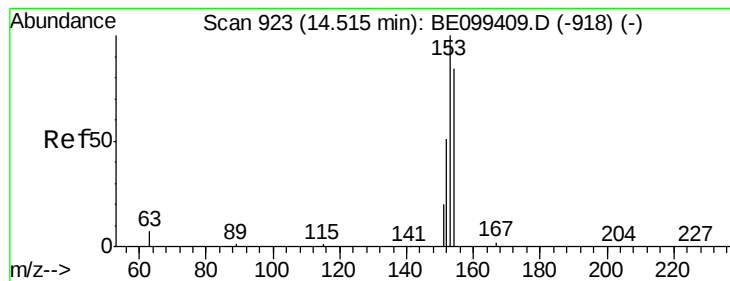
Tgt Ion:172 Resp: 11861
Ion Ratio Lower Upper
172 100
171 36.8 26.6 39.8
170 26.0 17.0 25.6#



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:152 Resp: 15300
Ion Ratio Lower Upper
152 100
151 20.6 15.4 23.2
153 12.8 9.8 14.6





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

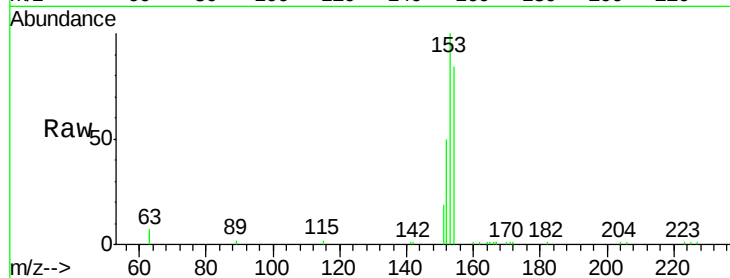
Tgt Ion:154 Resp: 9003

Ion Ratio Lower Upper

154 100

153 116.6 92.6 138.8

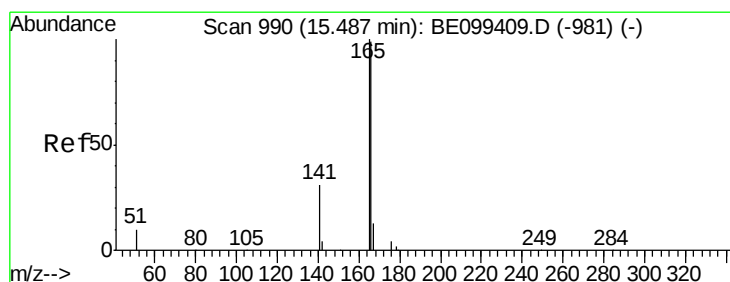
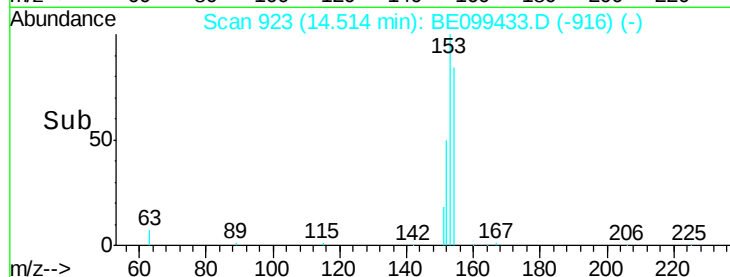
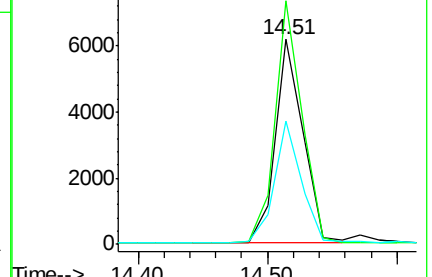
152 58.2 45.8 68.8



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: 0.412 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

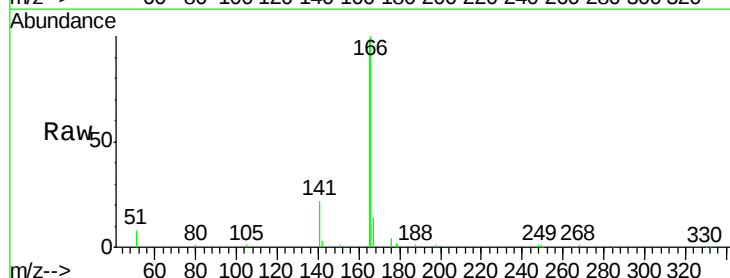
Tgt Ion:166 Resp: 13492

Ion Ratio Lower Upper

166 100

165 99.9 80.3 120.5

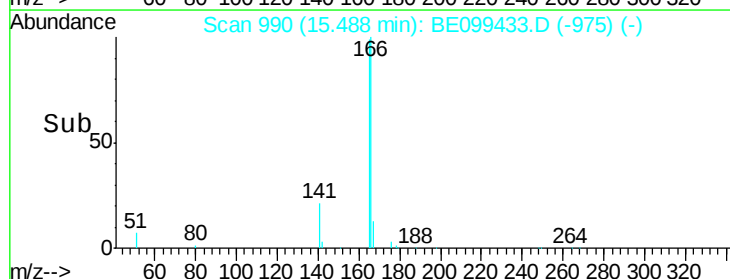
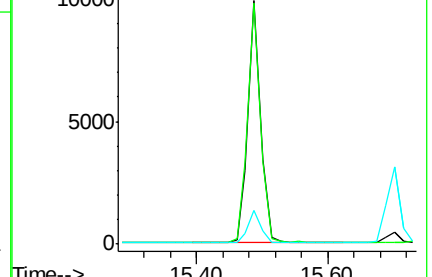
167 13.5 10.7 16.1

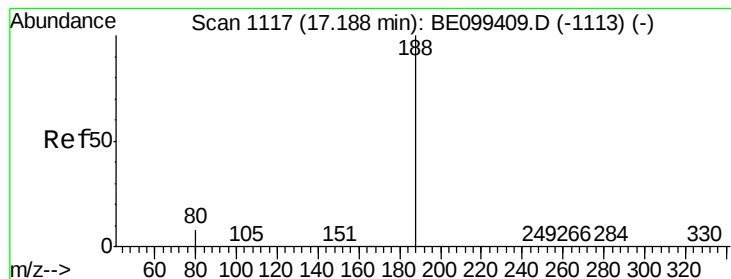


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

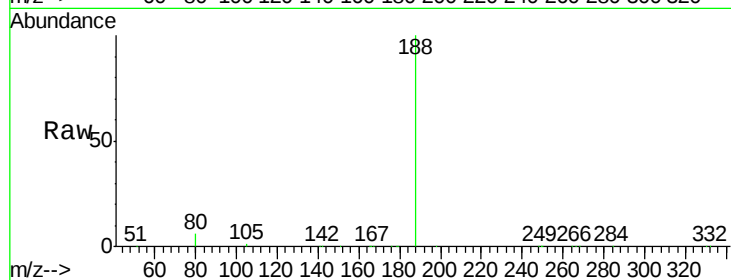
Tgt Ion:188 Resp: 25155

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

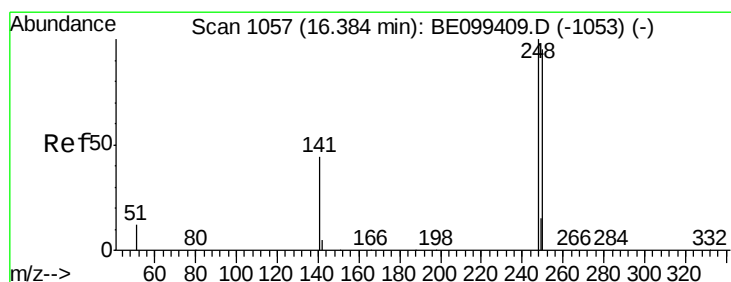
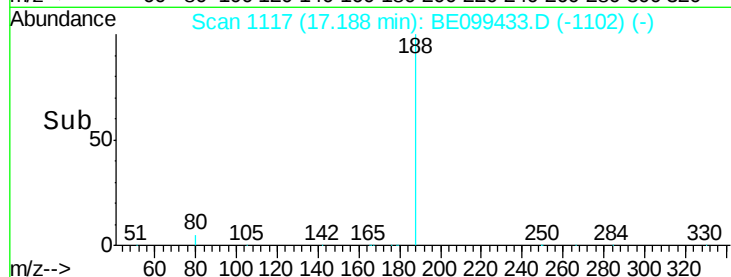
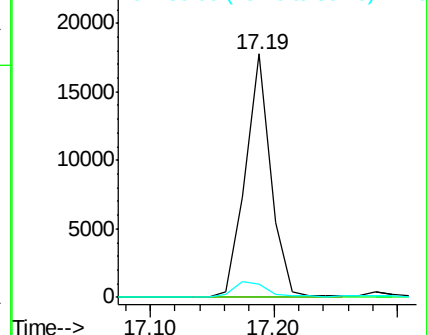
80 5.6 6.7 10.1#



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: 0.395 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

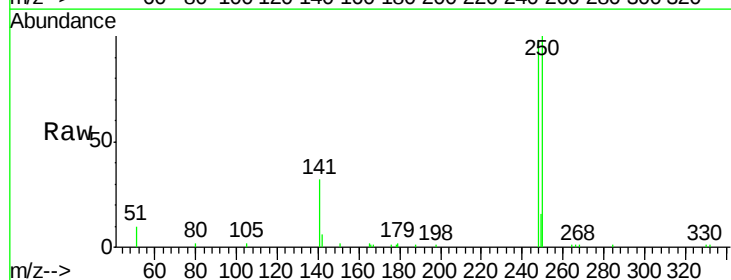
Tgt Ion:248 Resp: 5785

Ion Ratio Lower Upper

248 100

250 101.8 75.8 113.8

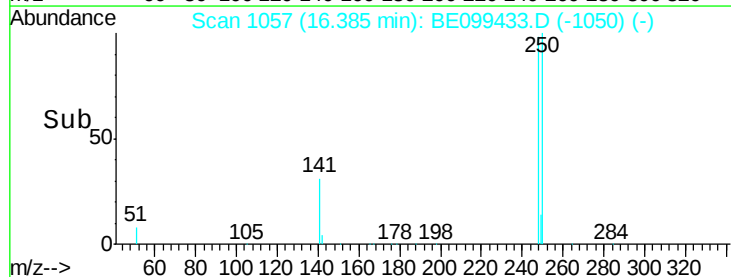
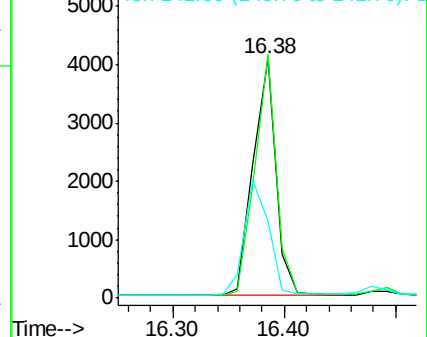
141 32.3 35.7 53.5#

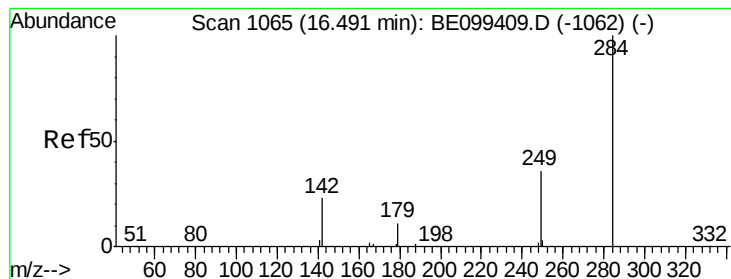


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

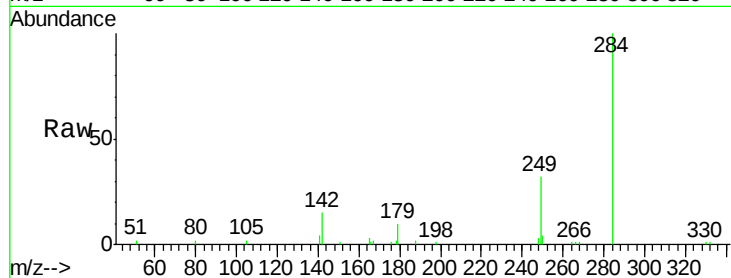
Tgt Ion:284 Resp: 5675

Ion Ratio Lower Upper

284 100

142 26.1 21.0 31.6

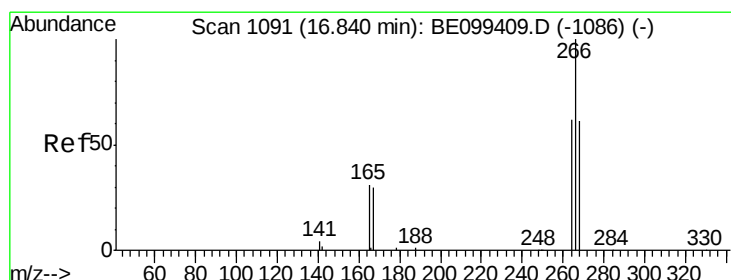
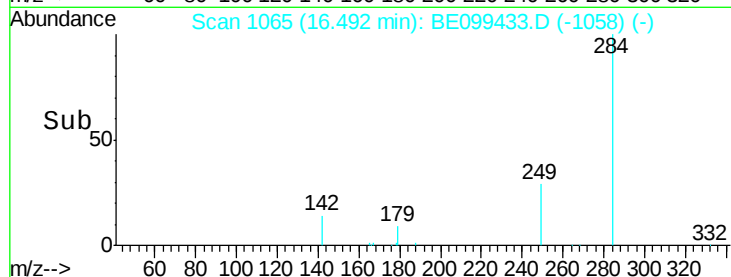
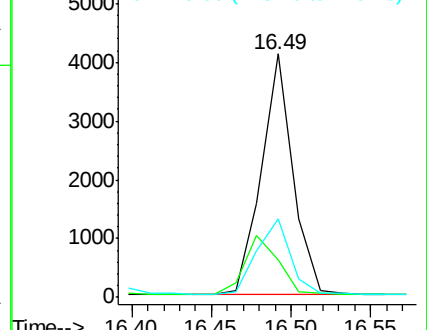
249 32.9 26.7 40.1



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: 0.542 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

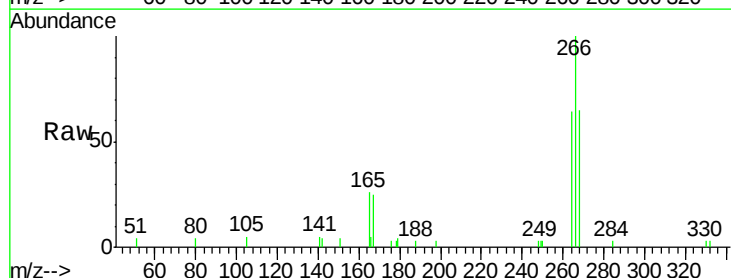
Tgt Ion:266 Resp: 2735

Ion Ratio Lower Upper

266 100

264 63.5 50.8 76.2

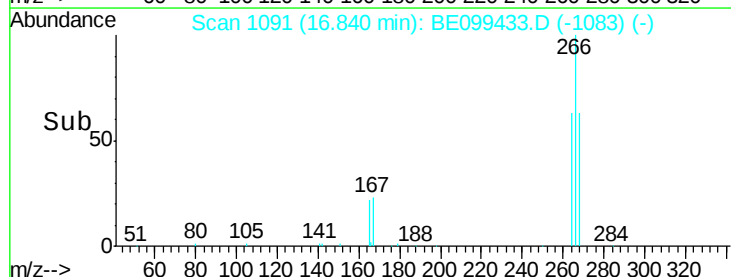
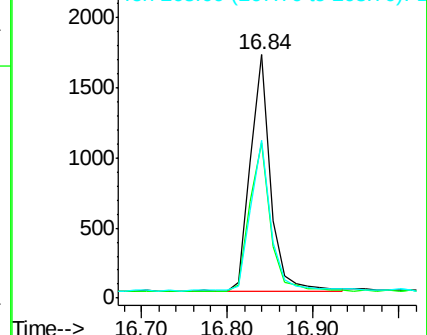
268 64.8 50.5 75.7

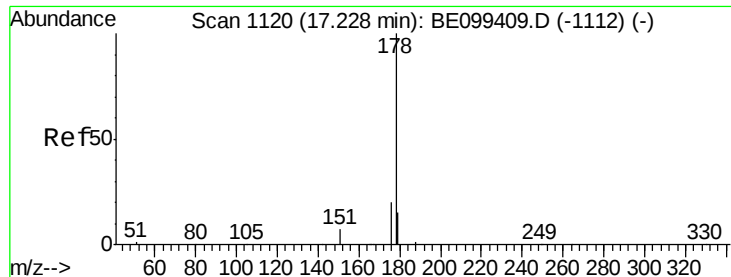


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

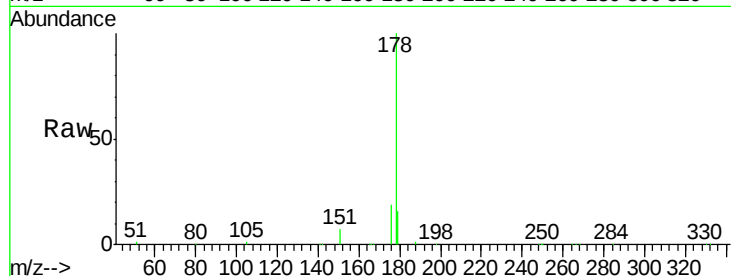
Tgt Ion:178 Resp: 25706

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

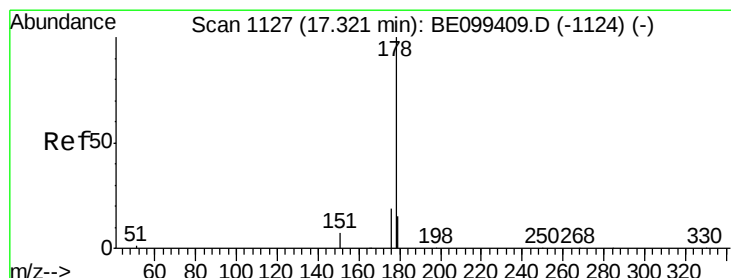
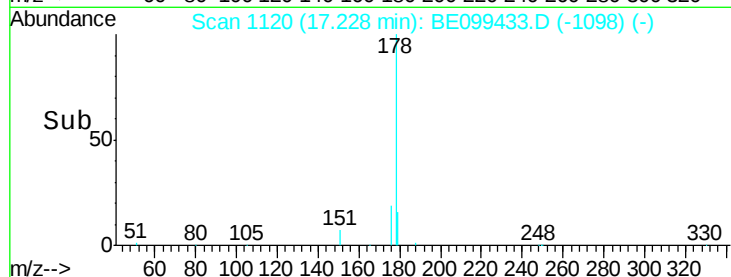
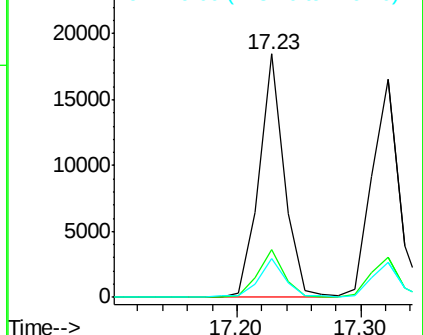
179 15.7 12.0 18.0



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: 0.395 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

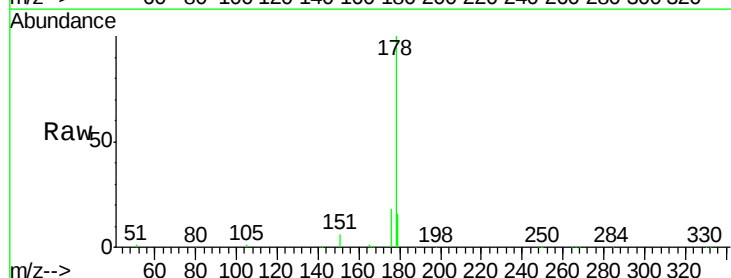
Tgt Ion:178 Resp: 24444

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

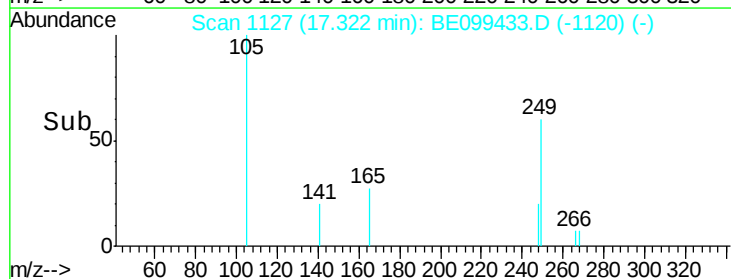
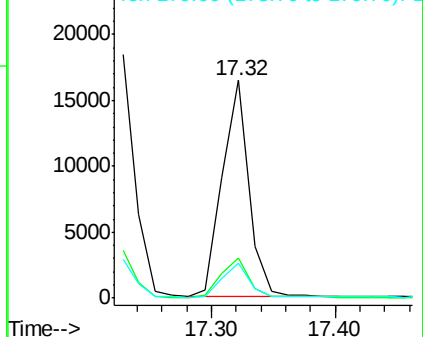
179 15.7 11.9 17.9

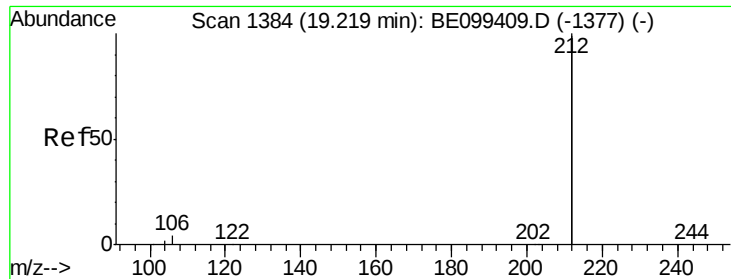


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

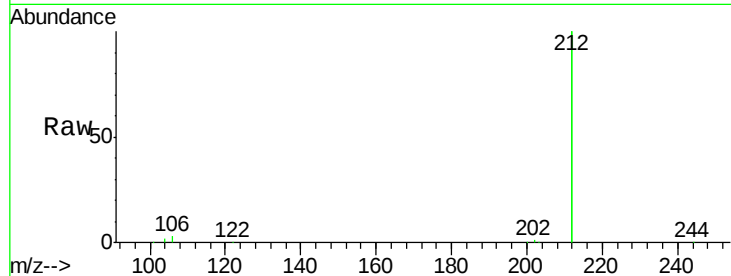
Tgt Ion:212 Resp: 130110

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

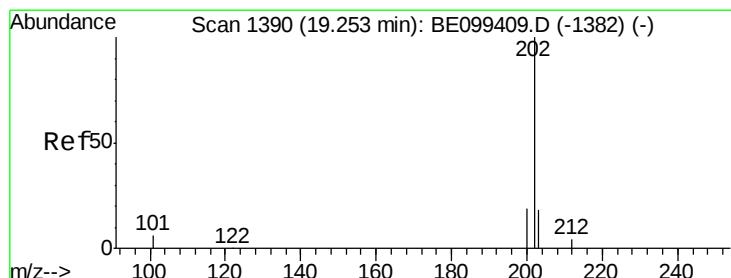
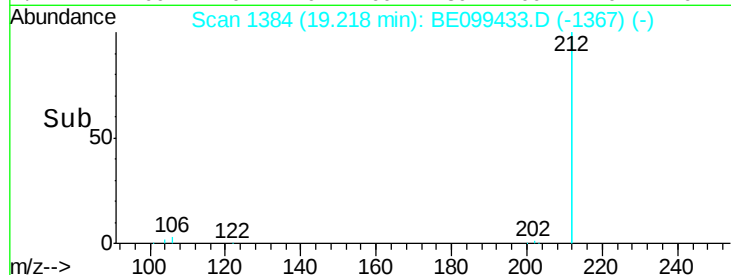
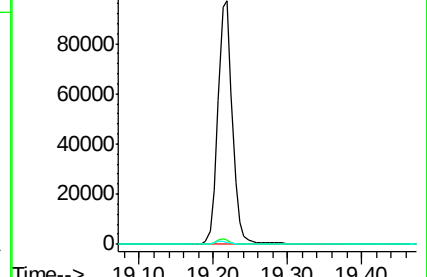
104 1.1 0.9 1.3



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: 0.390 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

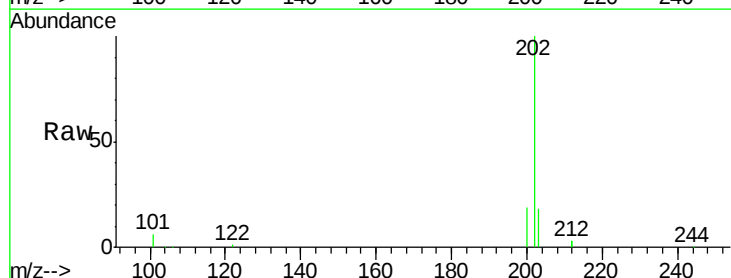
Tgt Ion:202 Resp: 37873

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

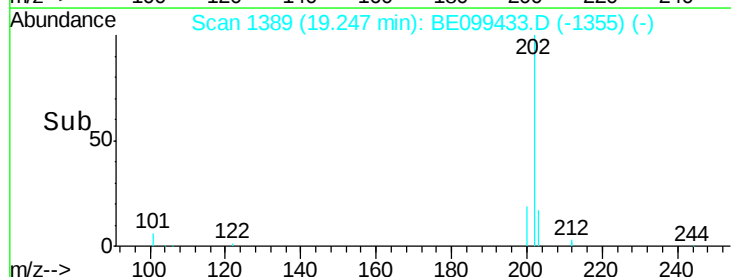
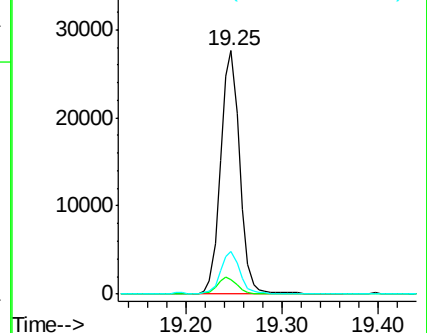
203 17.1 13.9 20.9

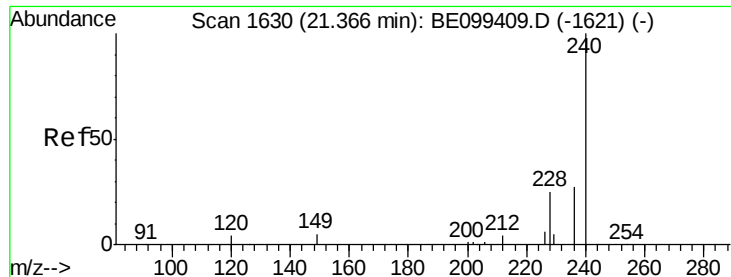


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

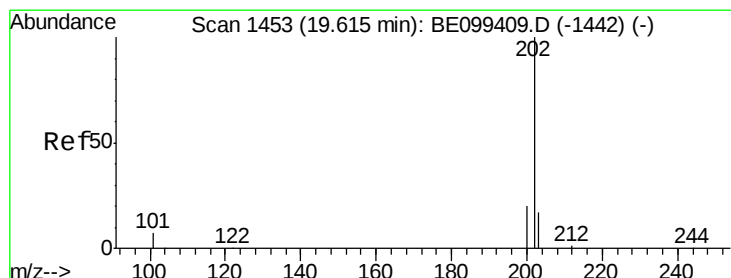
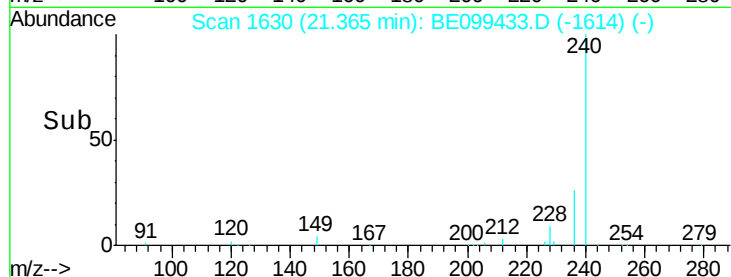
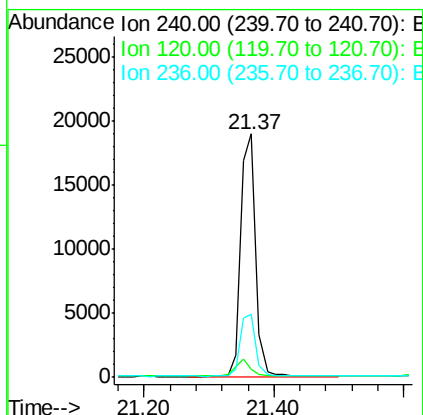
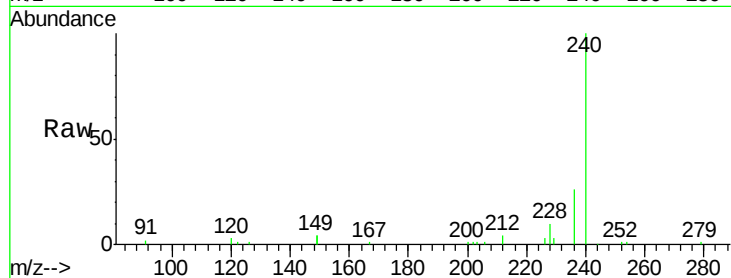




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

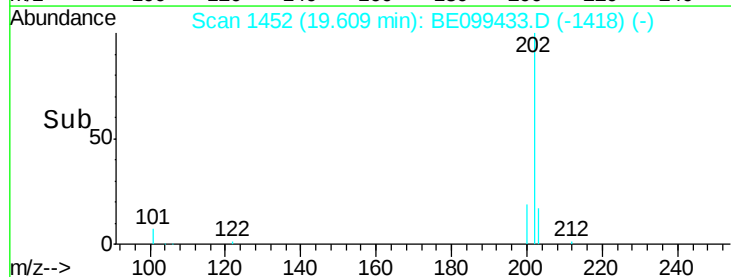
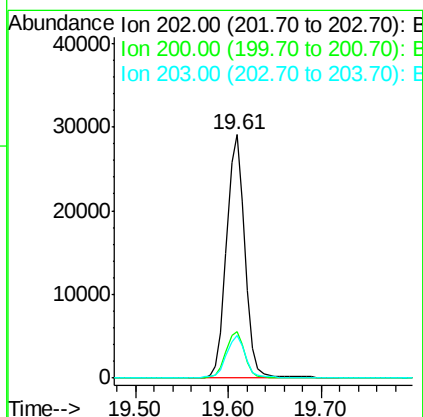
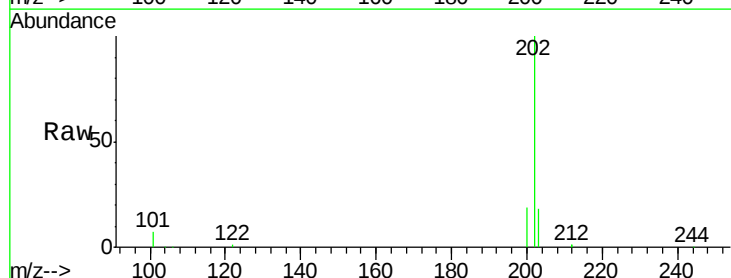
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

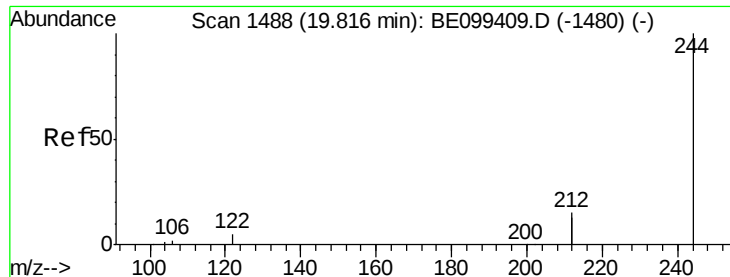
Tgt Ion:240 Resp: 30393
Ion Ratio Lower Upper
240 100
120 3.1 4.0 6.0#
236 26.1 22.0 33.0



#28
Pyrene
Concen: 0.496 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:202 Resp: 39263
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

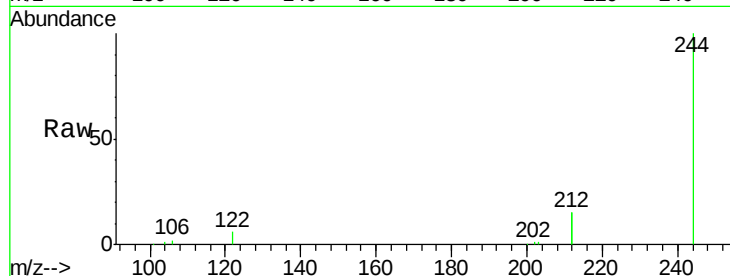
Tgt Ion:244 Resp: 26572

Ion Ratio Lower Upper

244 100

212 29.2 23.2 34.8

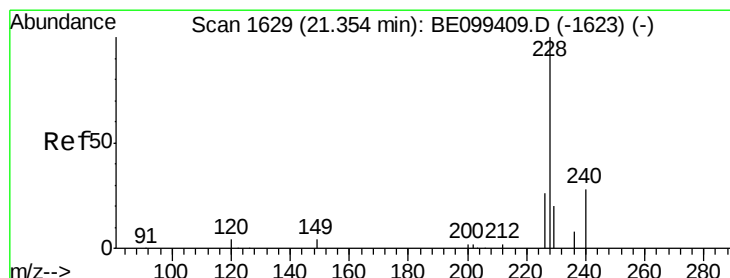
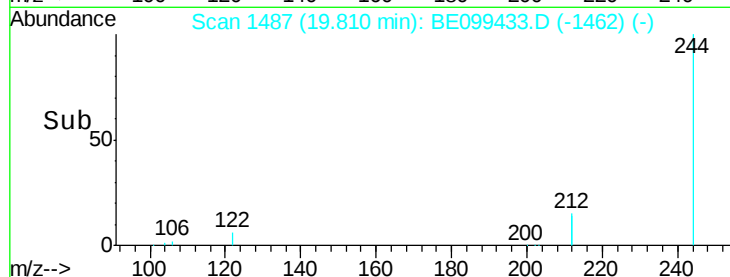
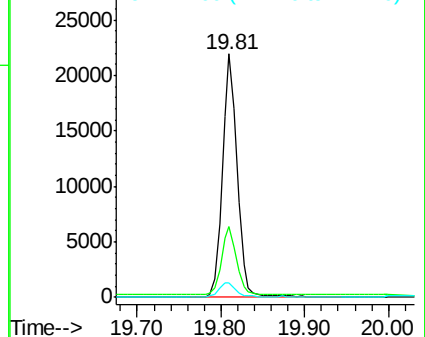
122 6.0 4.2 6.4



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: 0.438 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

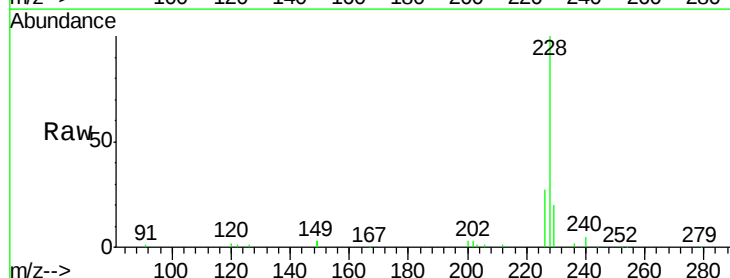
Tgt Ion:228 Resp: 42429

Ion Ratio Lower Upper

228 100

226 27.4 21.0 31.6

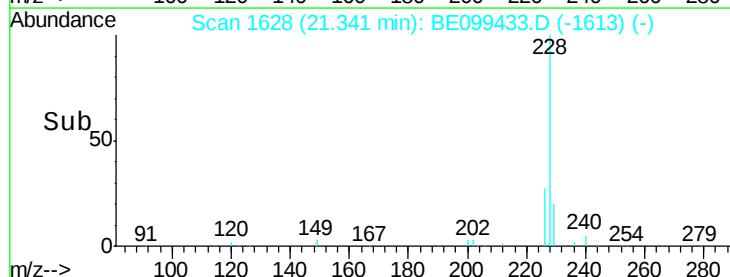
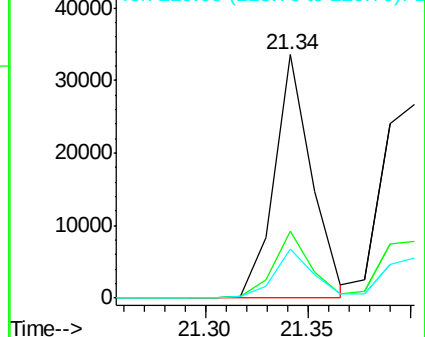
229 20.3 16.6 25.0

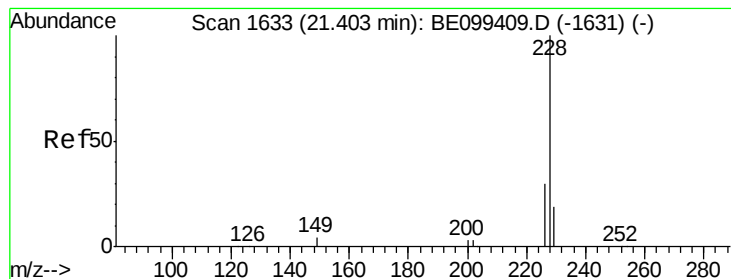


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.452 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

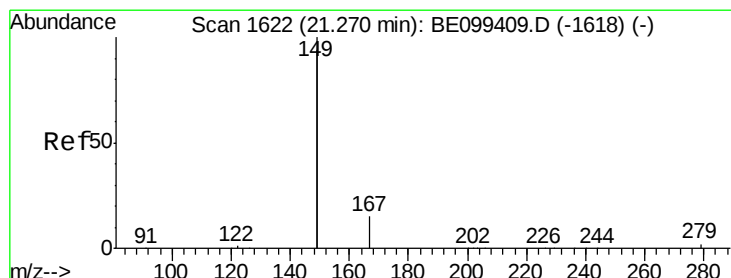
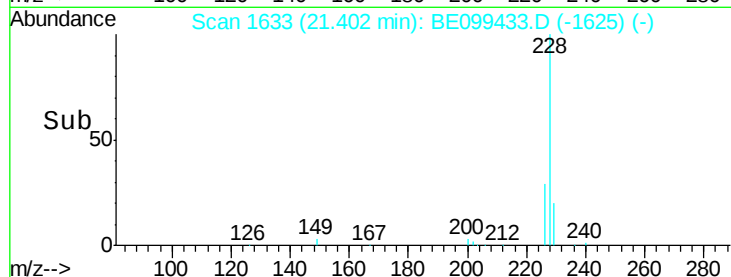
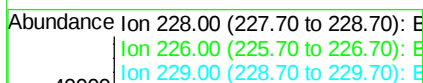
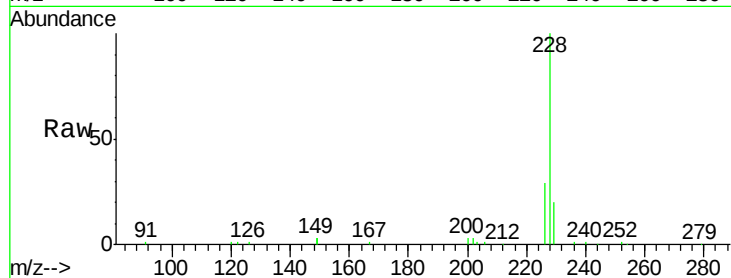
Tgt Ion:228 Resp: 42819

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

229 20.4 15.8 23.8



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

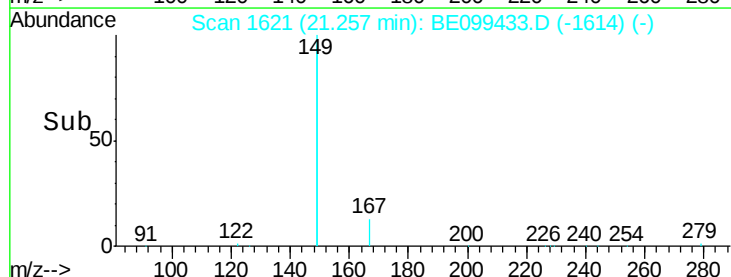
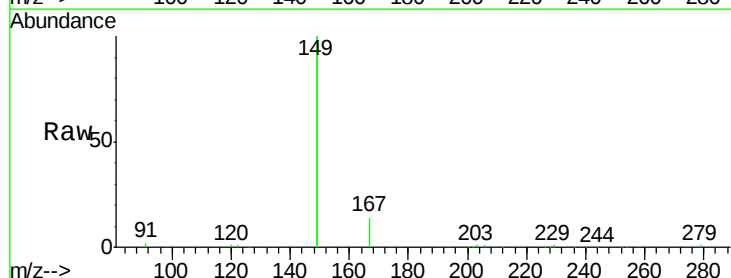
Tgt Ion:149 Resp: 65380

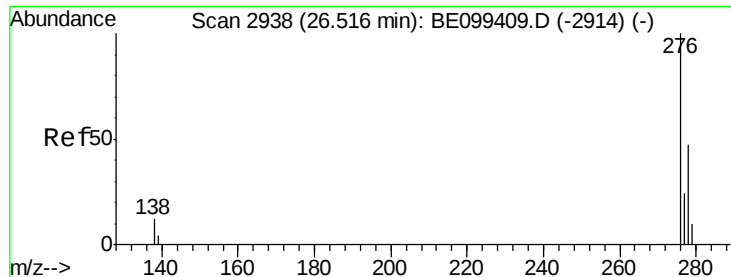
Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.6

279 1.4 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.02 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

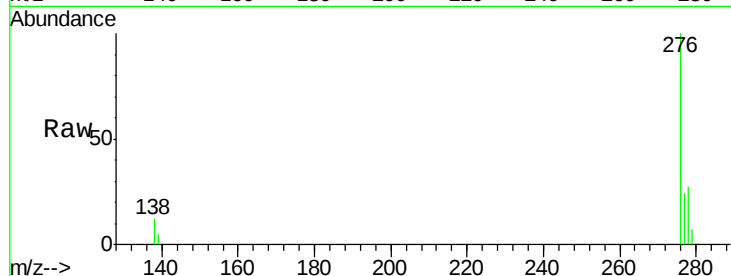
Tgt Ion:276 Resp: 46613

Ion Ratio Lower Upper

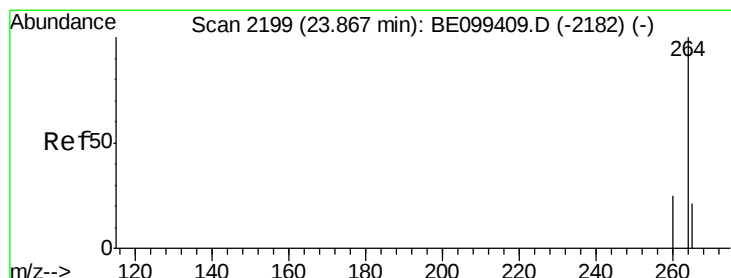
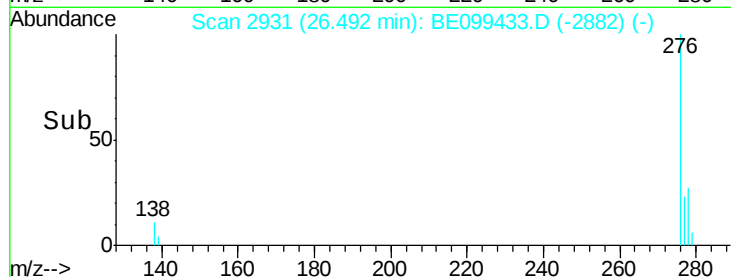
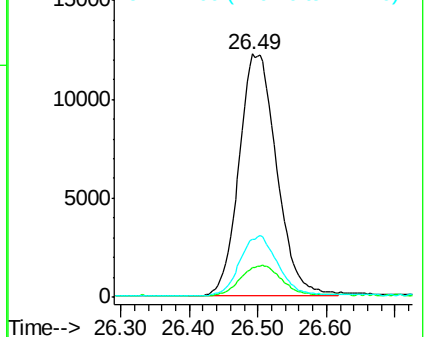
276 100

138 13.5 10.2 15.2

277 24.6 19.2 28.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

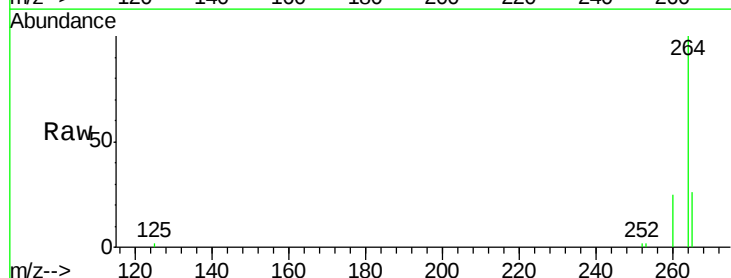
Tgt Ion:264 Resp: 33407

Ion Ratio Lower Upper

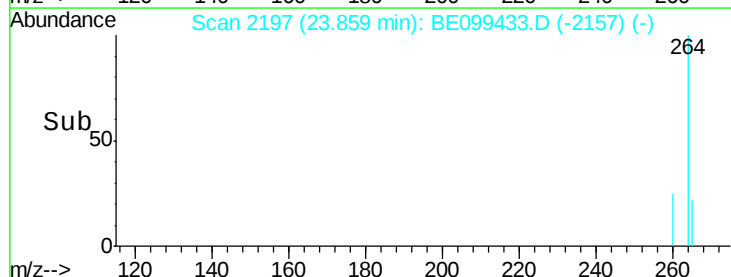
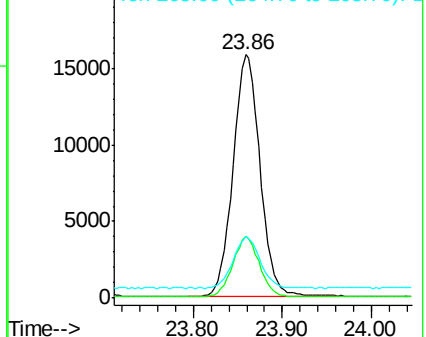
264 100

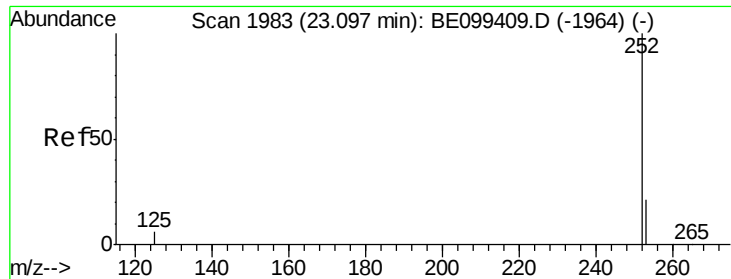
260 25.5 20.2 30.2

265 25.6 21.3 31.9



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

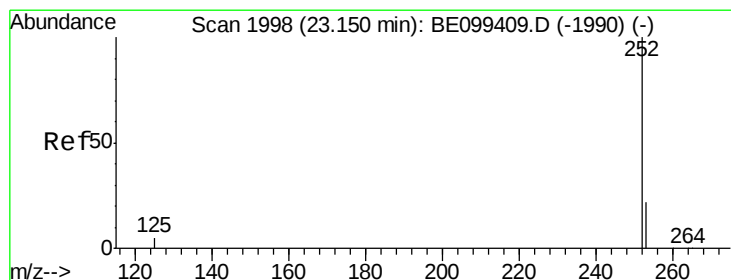
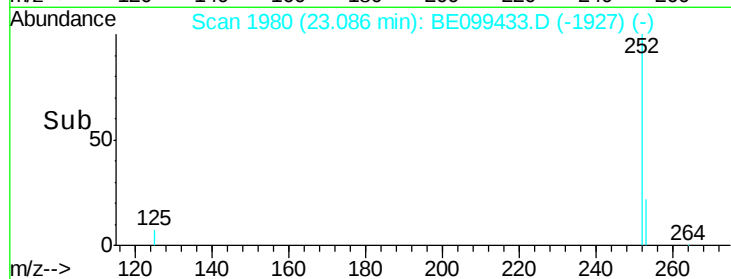
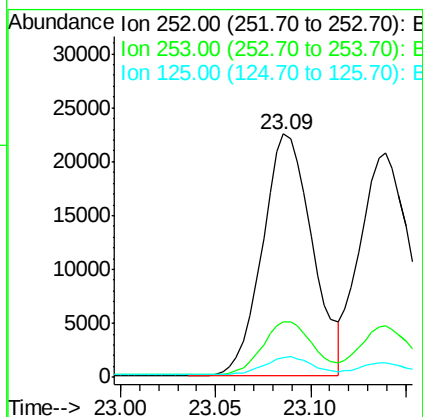
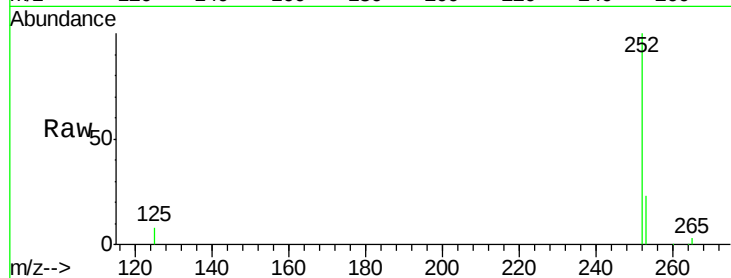




#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

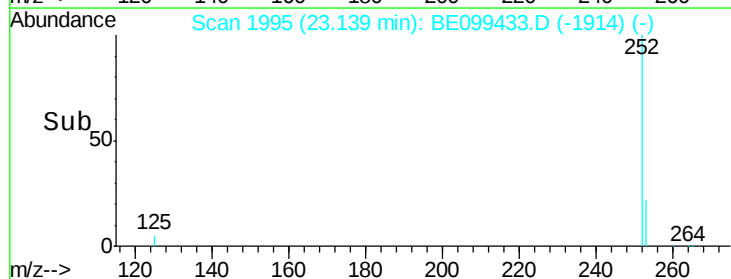
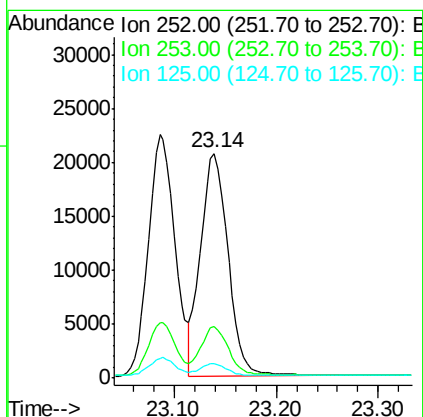
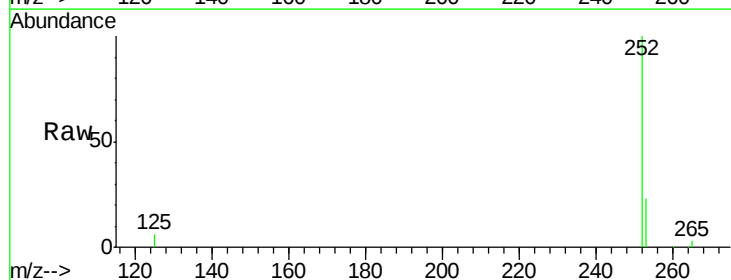
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

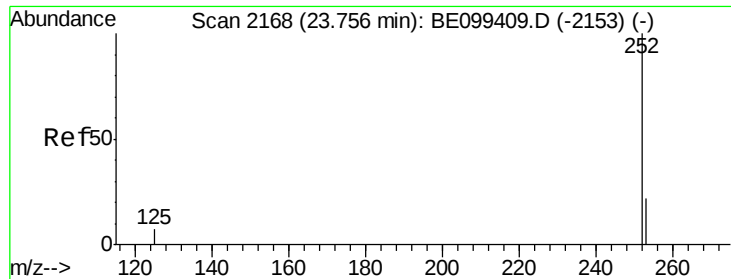
Tgt Ion:252 Resp: 40885
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 8.0 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099433.D
Acq: 30 Apr 2019 19:11

Tgt Ion:252 Resp: 38841
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.5 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

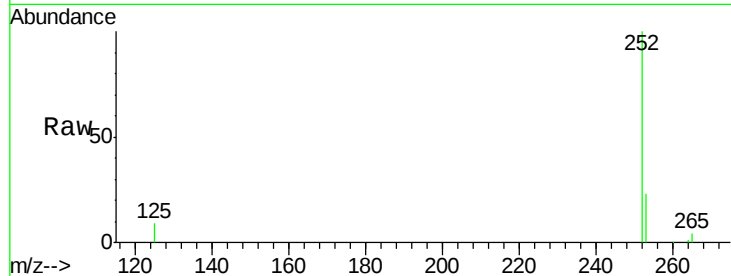
Tgt Ion:252 Resp: 38063

Ion Ratio Lower Upper

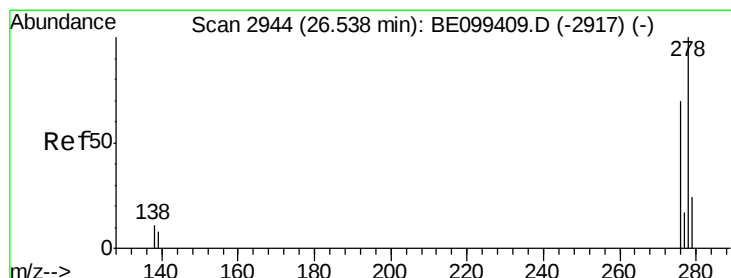
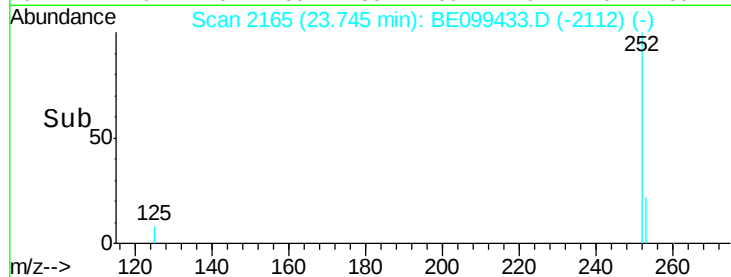
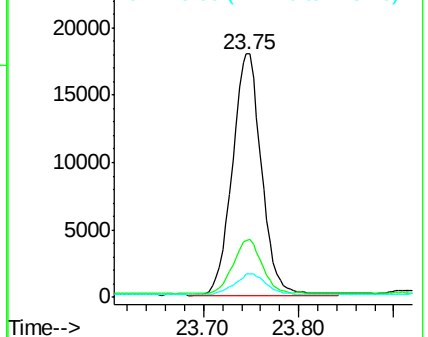
252 100

253 23.5 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: 0.412 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE099433.D

Acq: 30 Apr 2019 19:11

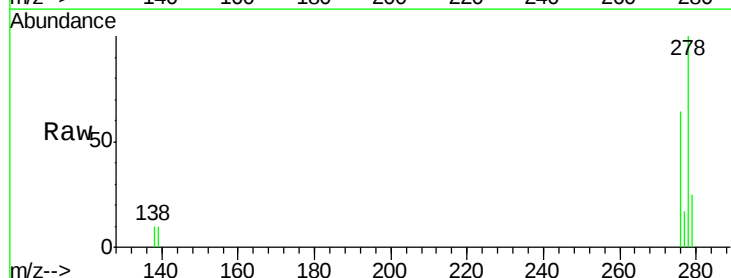
Tgt Ion:278 Resp: 38417

Ion Ratio Lower Upper

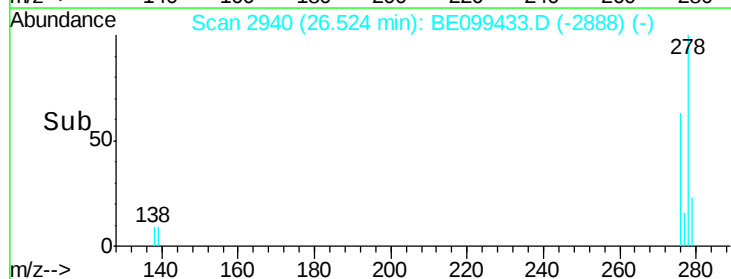
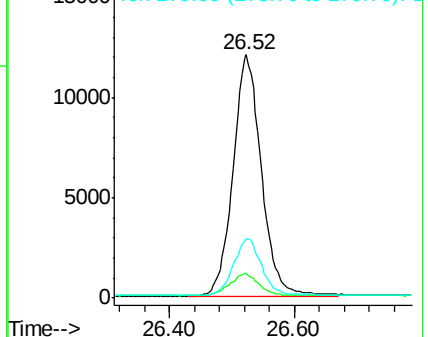
278 100

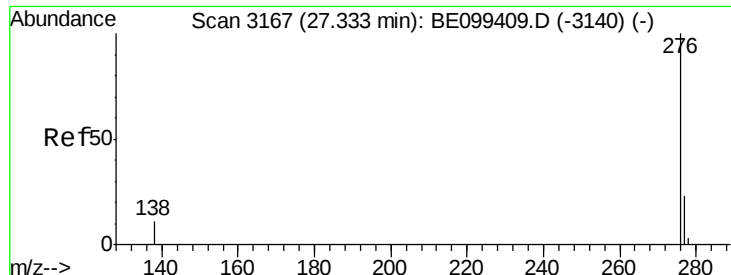
139 9.9 7.7 11.5

279 24.5 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(g,h,i)perylene

Concen: 0.407 ng

RT: 27.32 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BE099433.D

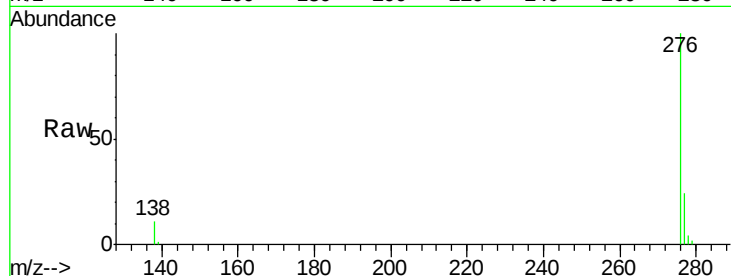
Acq: 30 Apr 2019 19:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



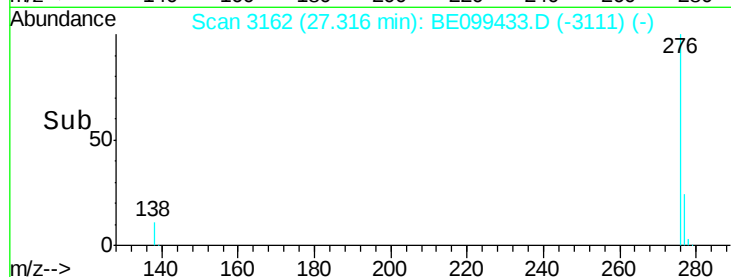
Tgt Ion: 276 Resp: 38013

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 11.3 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

