

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
 Data File : BE099122.D
 Acq On : 23 Mar 2019 22:01
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 23 22:43:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3819	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	17004	0.40	ng	-0.01
13) Acenaphthene-d10	14.48	164	13230	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	37374	0.40	ng	0.00
27) Chrysene-d12	21.38	240	43374	0.40	ng	-0.01
34) Perylene-d12	23.89	264	46078	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5275	0.46	ng	0.00
5) Phenol-d6	6.99	99	7913	0.48	ng	0.00
8) Nitrobenzene-d5	8.99	82	5766	0.78	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14069	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	3005	0.77	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	23396	0.44	ng	-0.02
25) Fluoranthene-d10	19.24	212	199200	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	43389	0.47	ng	0.00

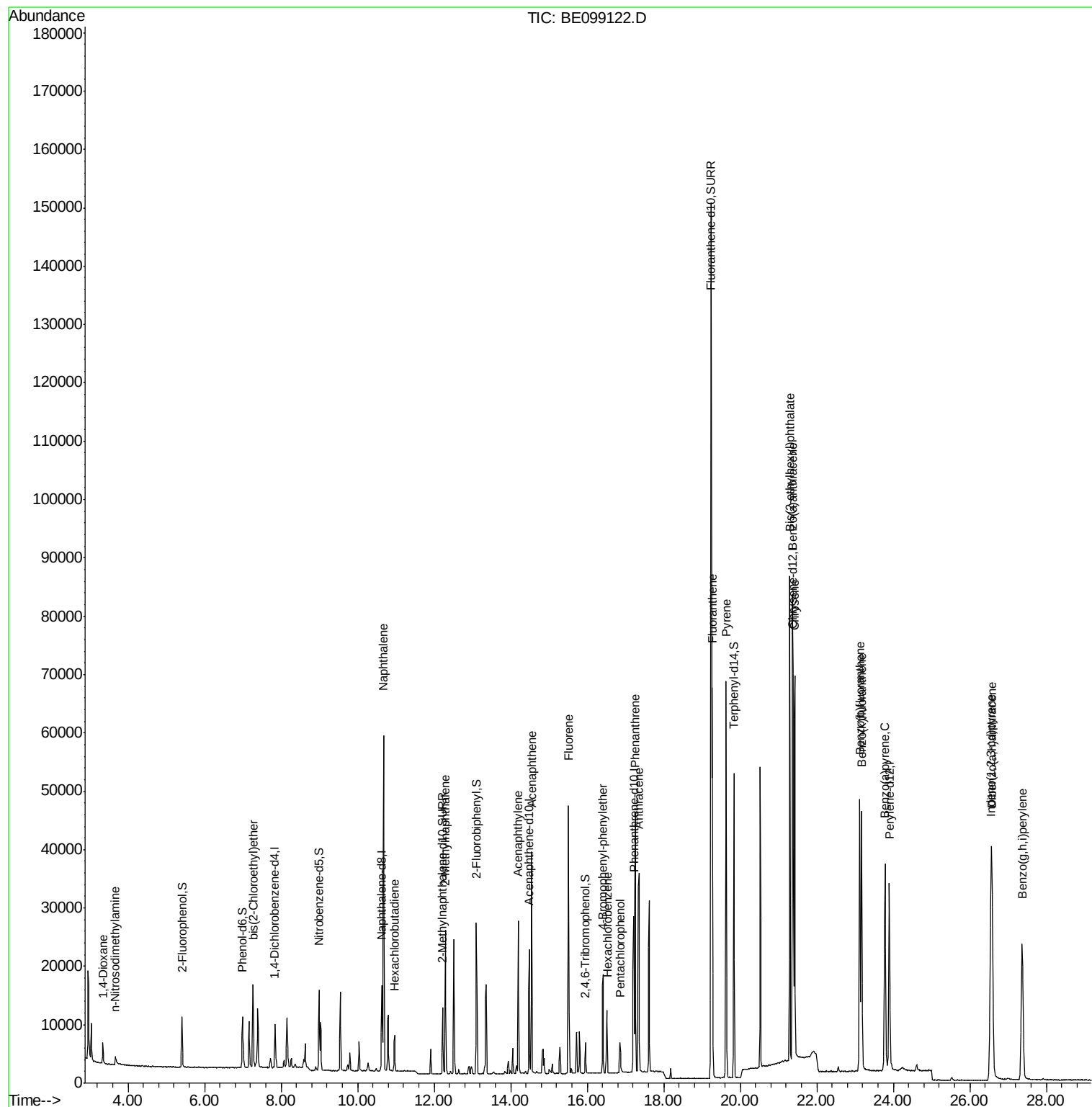
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2499	0.422	ng	# 91
3) n-Nitrosodimethylamine	3.67	42	1296	0.424	ng	# 83
6) bis(2-Chloroethyl)ether	7.27	93	6384	0.480	ng	83
9) Naphthalene	10.68	128	88456	0.441	ng	98
10) Hexachlorobutadiene	10.97	225	4587	0.468	ng	97
12) 2-Methylnaphthalene	12.30	142	15934	0.464	ng	96
16) Acenaphthylene	14.20	152	29852	0.423	ng	97
17) Acenaphthene	14.54	154	18139	0.433	ng	97
18) Fluorene	15.51	166	25996	0.426	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	9561	0.462	ng	# 61
21) Hexachlorobenzene	16.52	284	9375	0.488	ng	93
22) Pentachlorophenol	16.85	266	3171	0.654	ng	# 78
23) Phenanthrene	17.25	178	47091	0.424	ng	99
24) Anthracene	17.35	178	43200	0.411	ng	99
26) Fluoranthene	19.27	202	60765	0.389	ng	99
28) Pyrene	19.63	202	62240	0.423	ng	98
30) Benzo(a)anthracene	21.37	228	62417	0.408	ng	97
31) Chrysene	21.43	228	65303	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	85185	0.430	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	71418	0.435	ng	99
35) Benzo(b)fluoranthene	23.12	252	63856	0.401	ng	99
36) Benzo(k)fluoranthene	23.17	252	63211	0.405	ng	96
37) Benzo(a)pyrene	23.78	252	59150	0.401	ng	# 94
38) Dibenzo(a,h)anthracene	26.58	278	58765	0.410	ng	94
39) Benzo(g,h,i)perylene	27.37	276	59737	0.406	ng	97

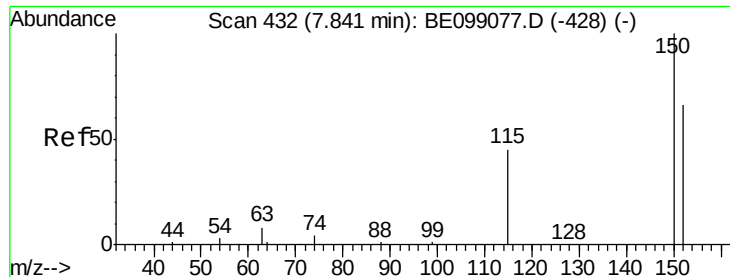
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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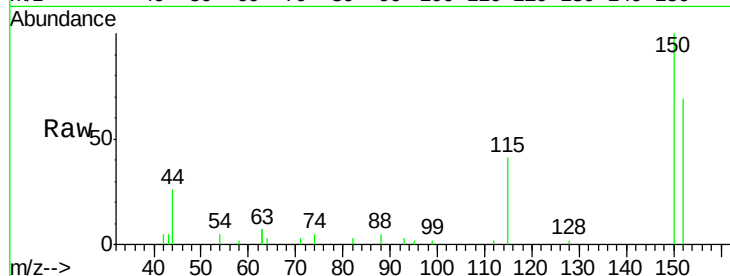


#1

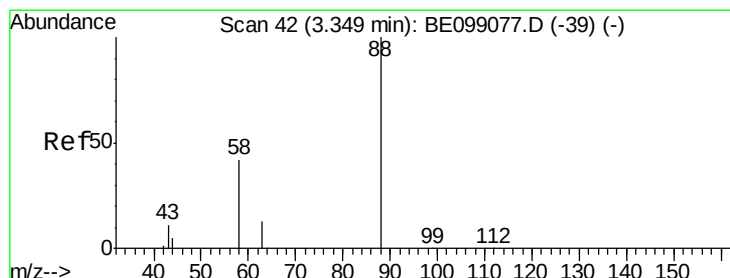
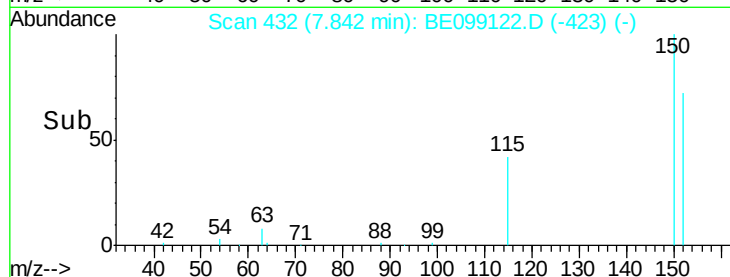
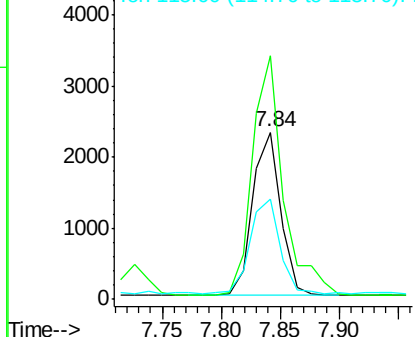
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3819
Ion Ratio Lower Upper
152 100
150 145.9 122.5 183.7
115 60.4 57.4 86.2



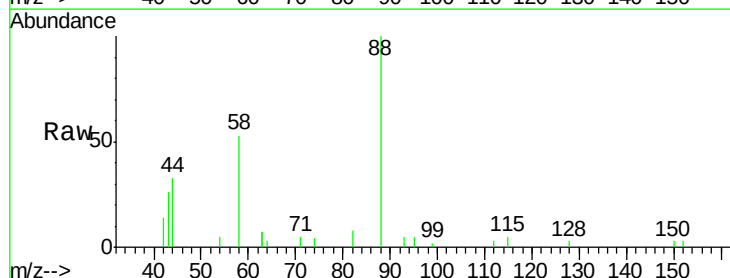
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



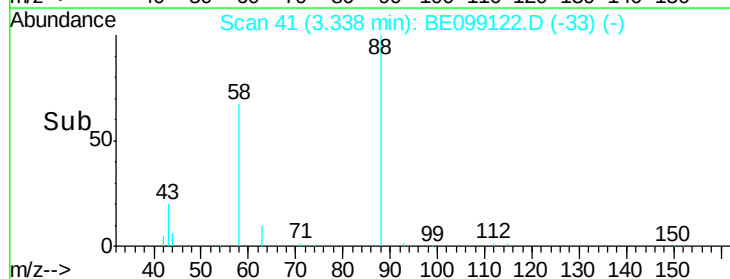
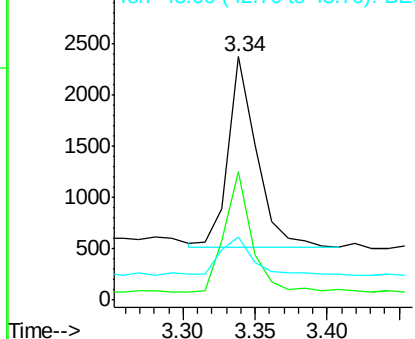
#2

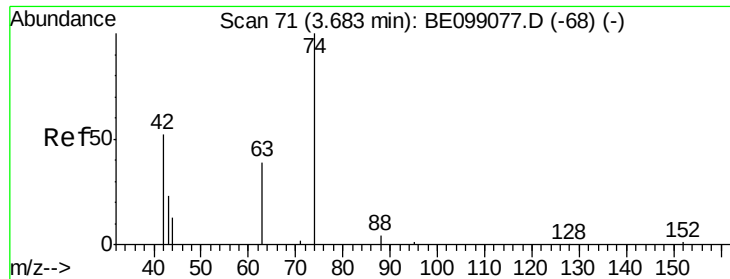
1,4-Dioxane
Concen: 0.422 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Tgt Ion: 88 Resp: 2499
Ion Ratio Lower Upper
88 100
58 60.8 52.0 78.0
43 21.4 24.0 36.0#



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: 0.424 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

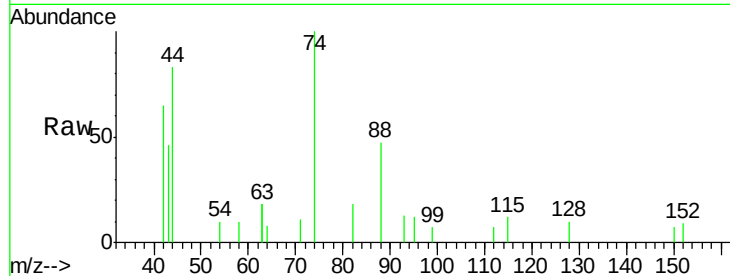
Tot Ion: 42 Resp: 1296

Ion Ratio Lower Upper

42 100

74 173.5 160.0 240.0

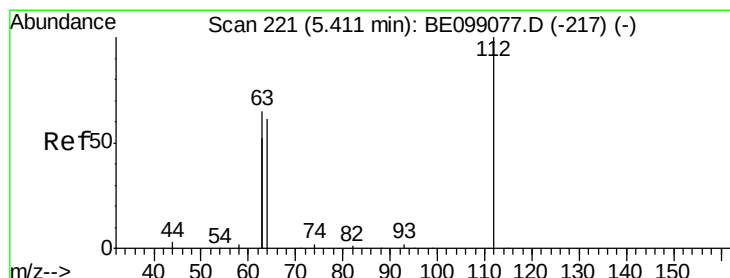
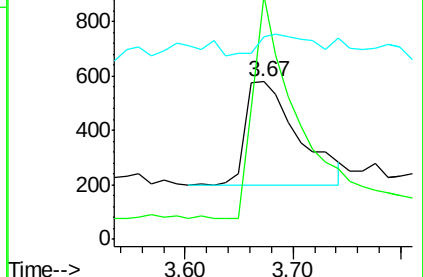
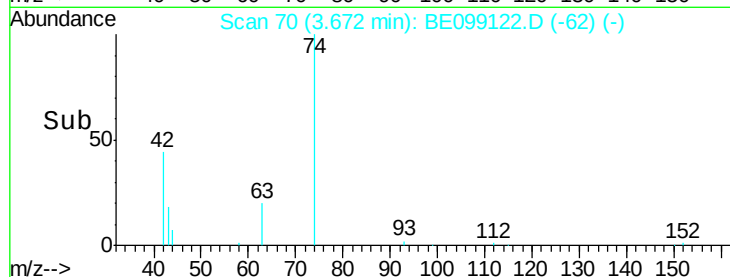
44 16.8 0.0 0.0#



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: 0.464 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

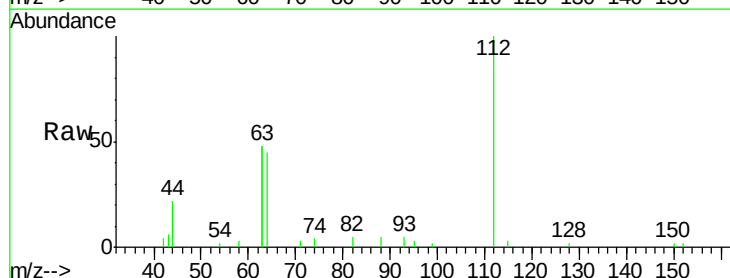
Tgt Ion: 112 Resp: 5275

Ion Ratio Lower Upper

112 100

64 56.5 57.9 86.9#

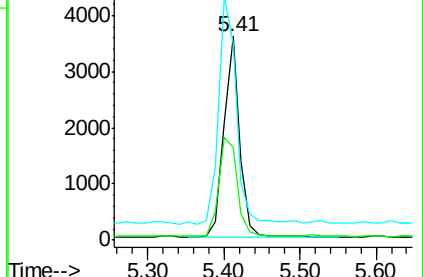
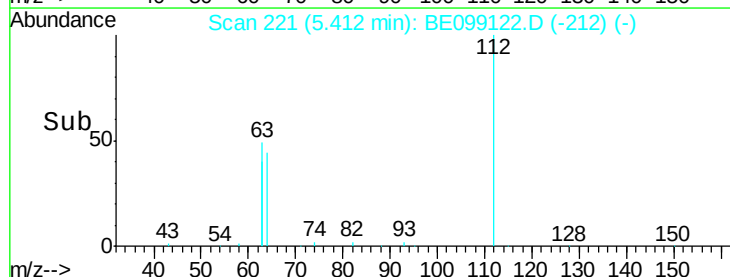
63 124.4 158.3 237.5#

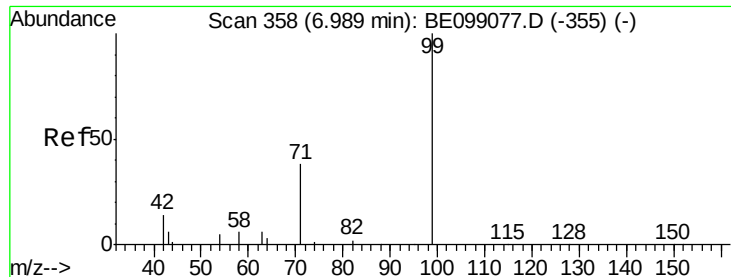


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.483 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

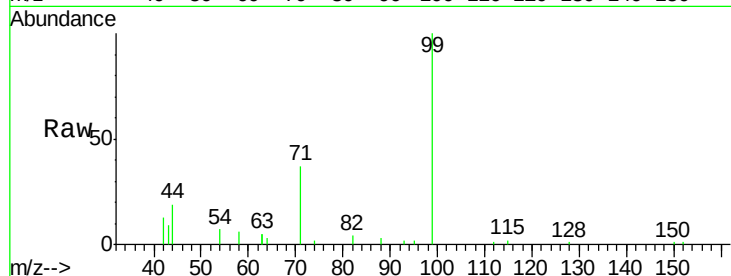
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 99 Resp: 7913

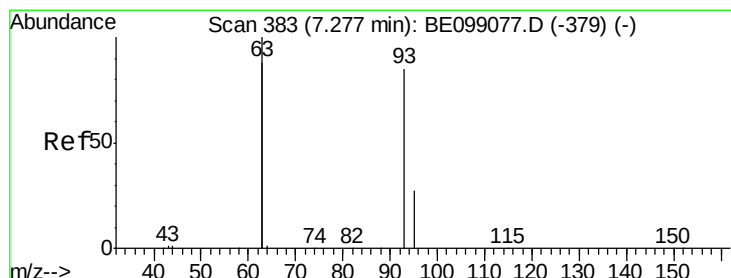
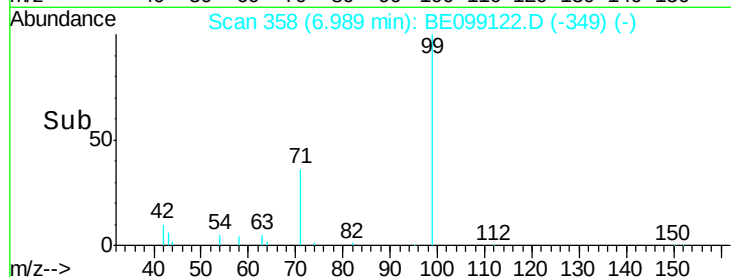
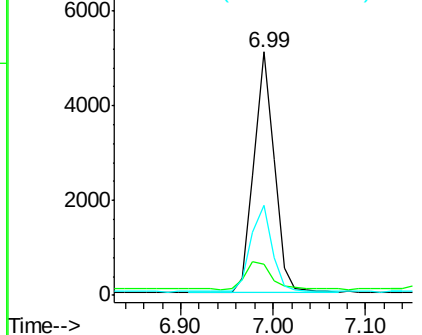
Ion	Ratio	Lower	Upper
99	100		
42	15.1	24.2	36.2#
71	36.8	35.7	53.5



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: 0.480 ng

RT: 7.27 min Scan# 382

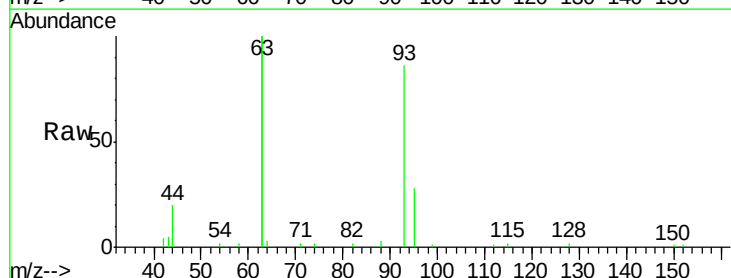
Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Tgt Ion: 93 Resp: 6384

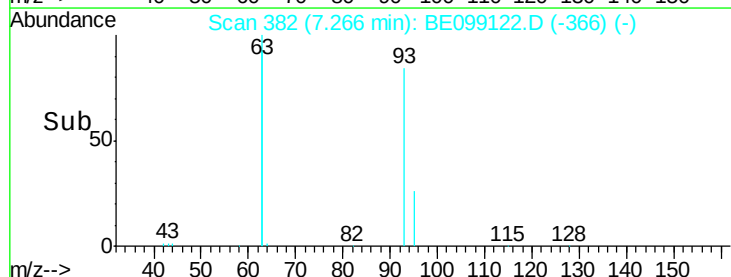
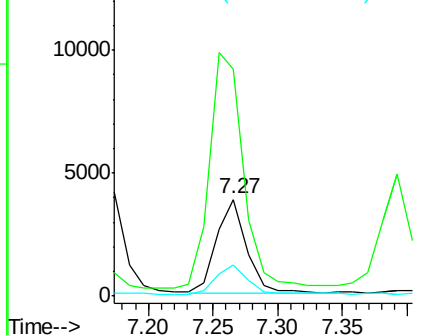
Ion	Ratio	Lower	Upper
93	100		
63	272.9	247.5	371.3
95	31.7	21.8	32.8

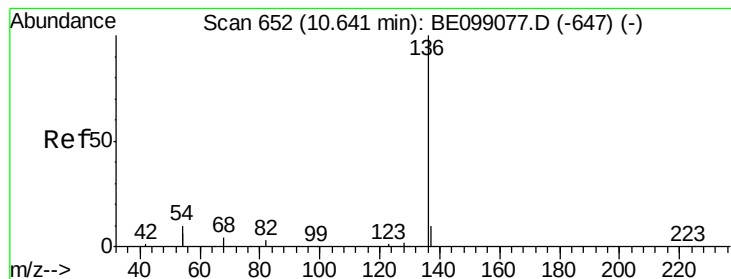


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 17004

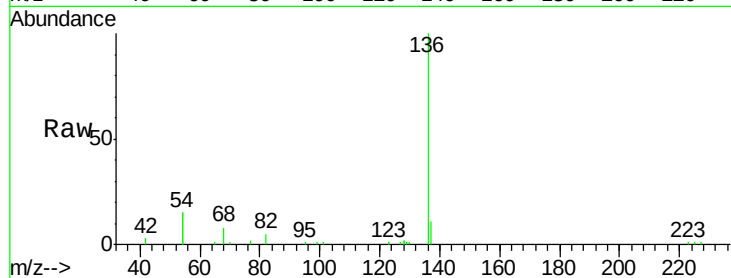
Ion Ratio Lower Upper

136 100

137 11.4 11.4 17.0#

54 30.9 39.3 58.9#

68 8.5 6.7 10.1

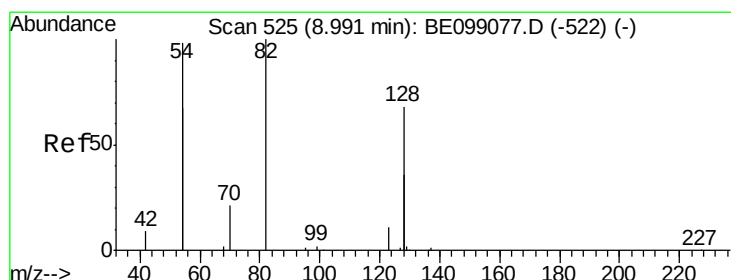
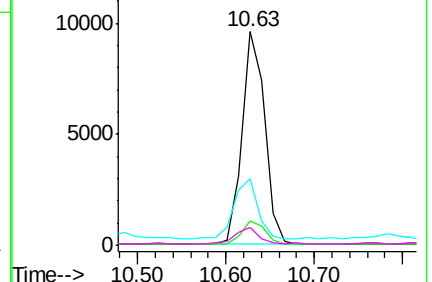
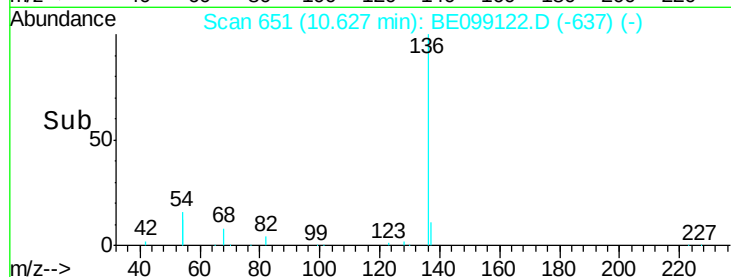


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.776 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

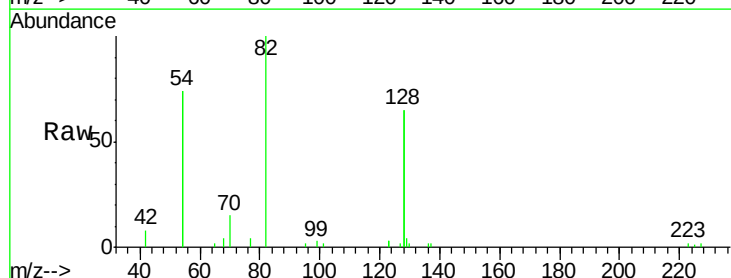
Tgt Ion: 82 Resp: 5766

Ion Ratio Lower Upper

82 100

128 130.1 123.8 185.8

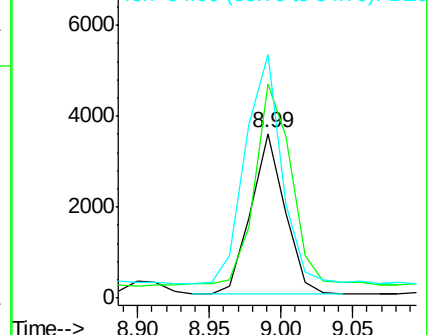
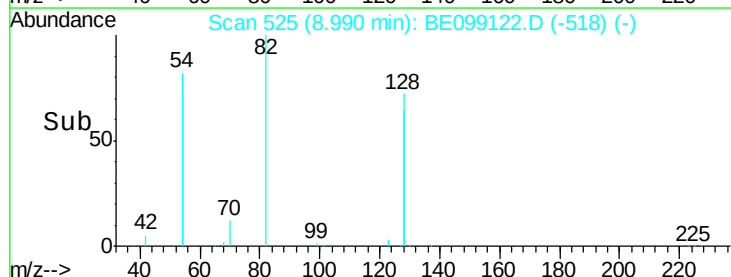
54 148.2 203.4 305.2#

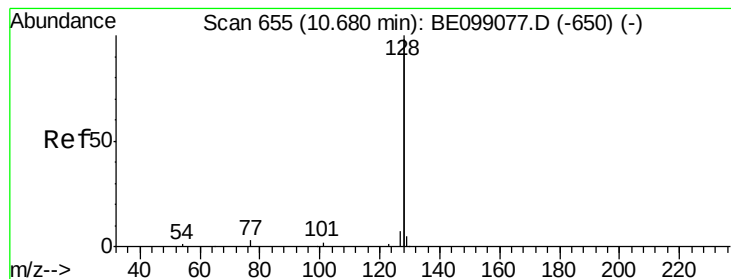


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.441 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

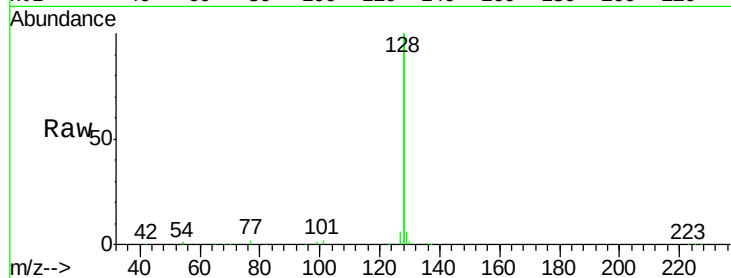
Tot Ion:128 Resp: 88456

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

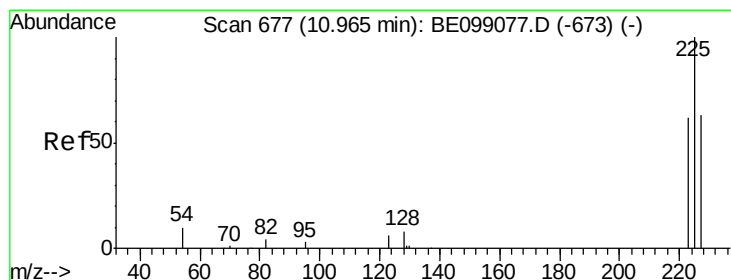
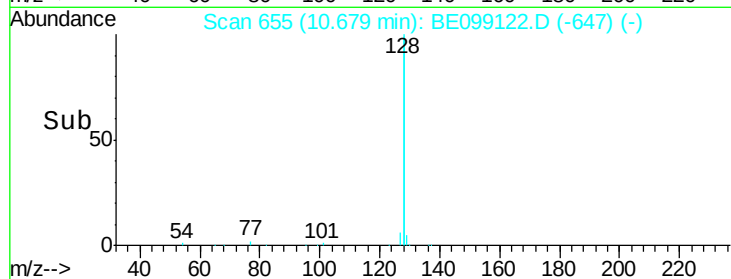
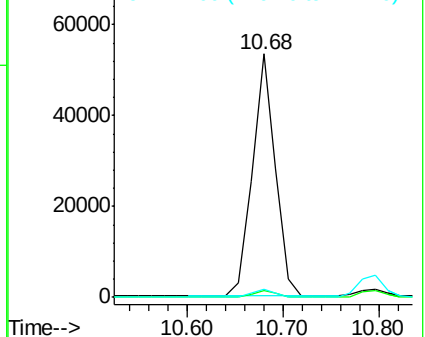
127 3.2 3.1 4.7



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: 0.468 ng

RT: 10.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

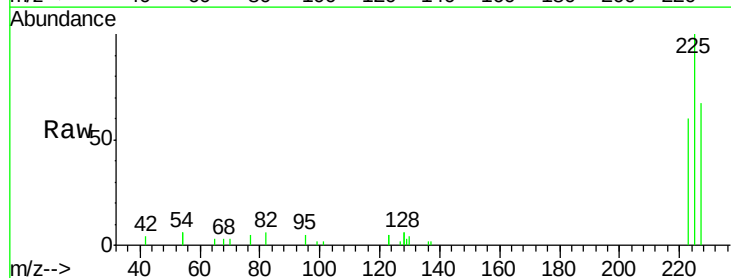
Tgt Ion:225 Resp: 4587

Ion Ratio Lower Upper

225 100

223 60.9 51.1 76.7

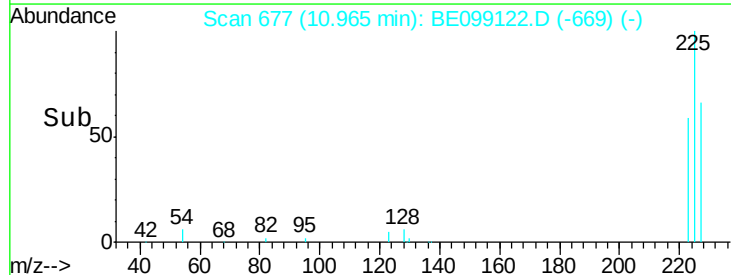
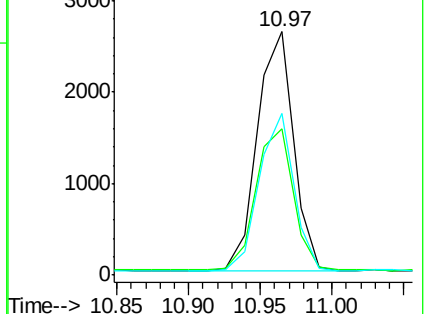
227 63.2 51.6 77.4

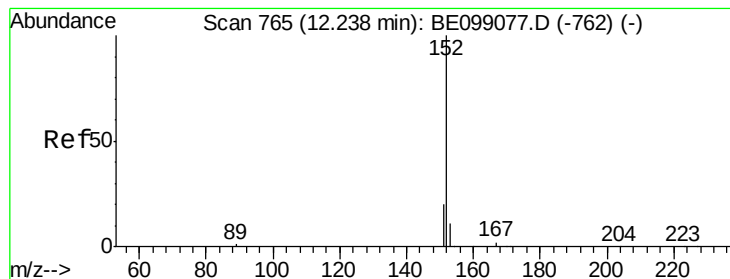


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.459 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

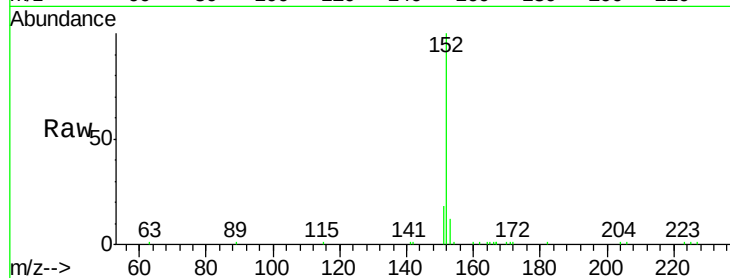
SSTDCCC0.4

Tot Ion:152 Resp: 14069

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

10000

8000

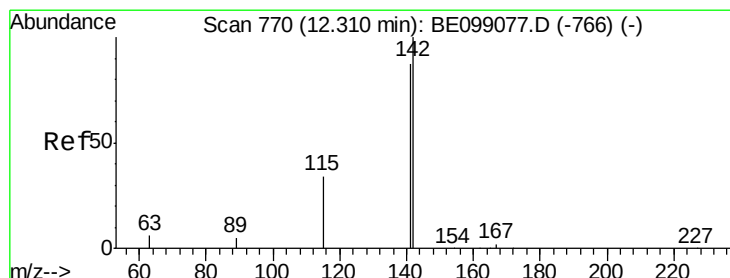
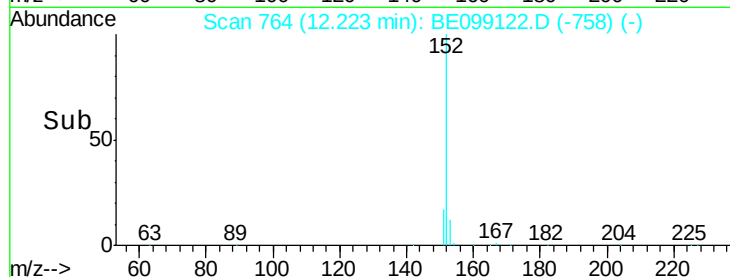
6000

4000

2000

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.464 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.02 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

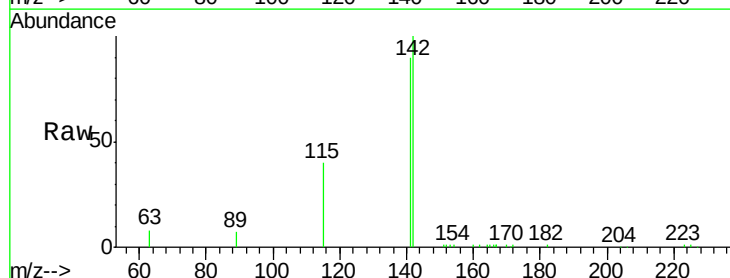
Tgt Ion:142 Resp: 15934

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8

115 39.6 37.4 56.2



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

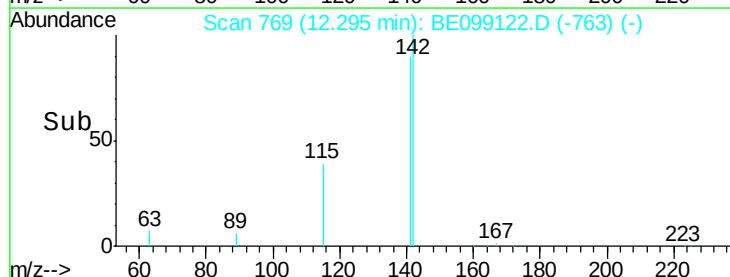
12.30

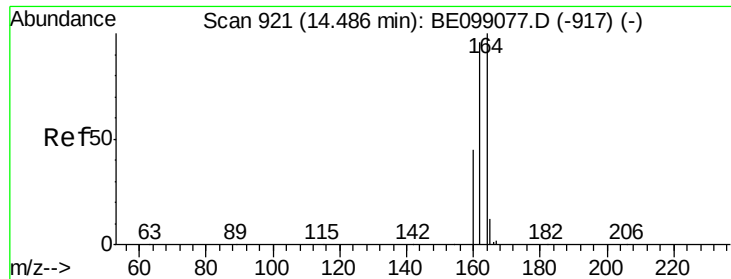
10000

5000

0

Time--> 12.20 12.30 12.40

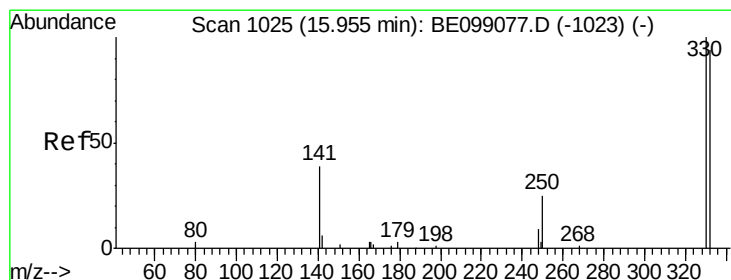
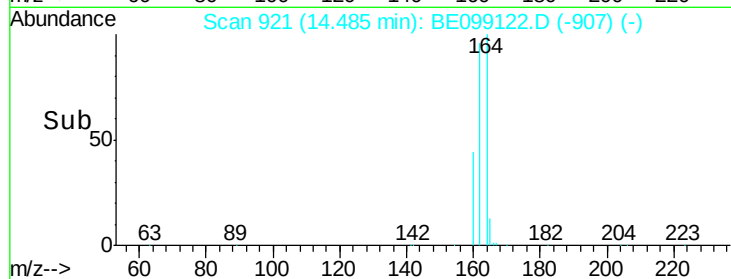
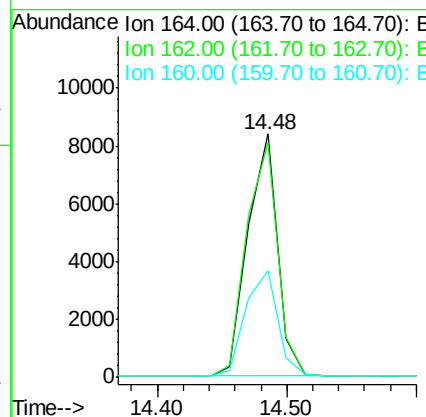
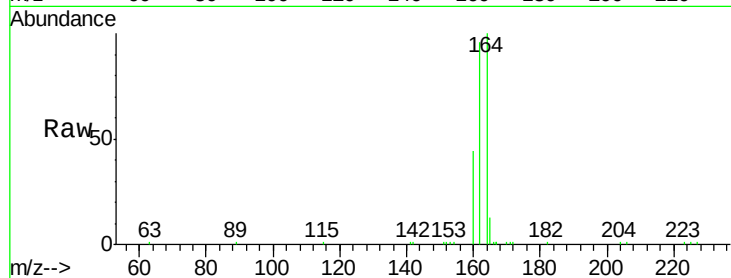




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

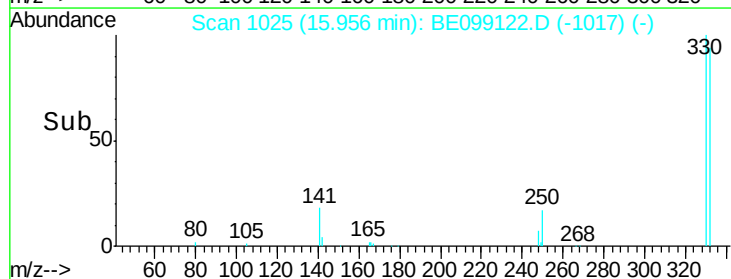
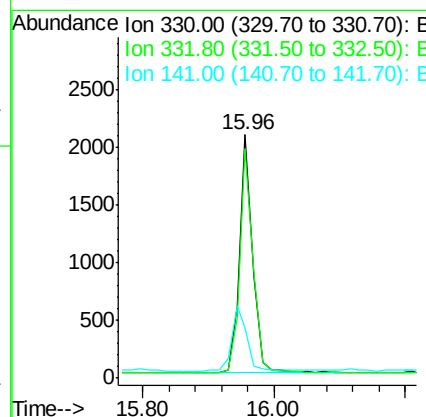
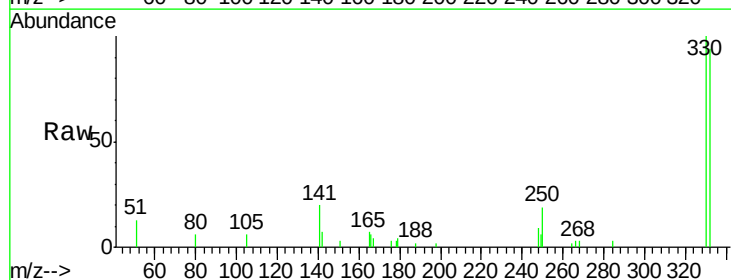
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

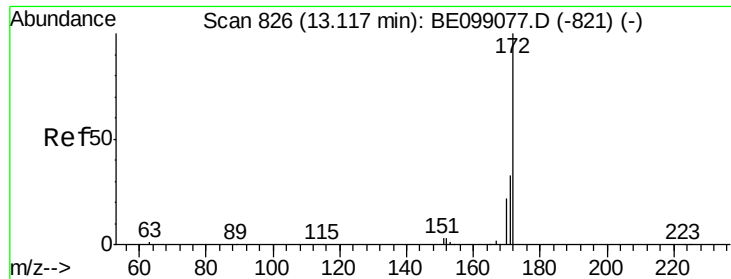
Tot Ion:164 Resp: 13230
Ion Ratio Lower Upper
164 100
162 96.2 80.2 120.2
160 44.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.773 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Tgt Ion:330 Resp: 3005
Ion Ratio Lower Upper
330 100
332 92.7 77.6 116.4
141 30.7 31.0 46.4#

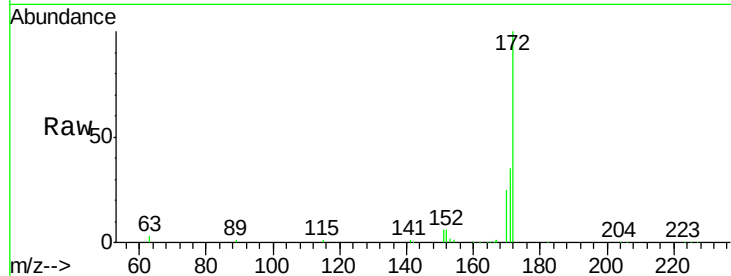




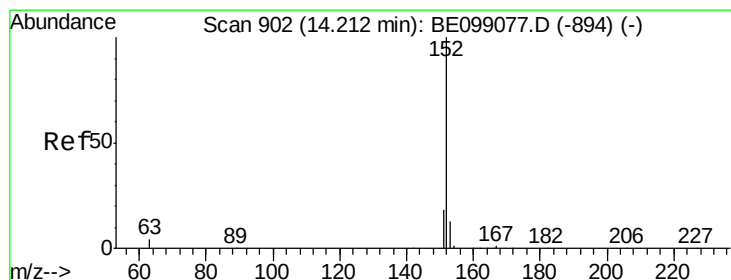
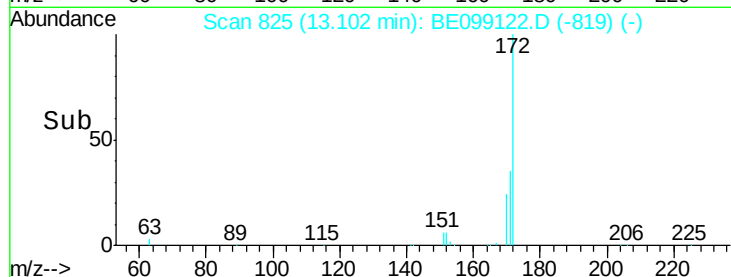
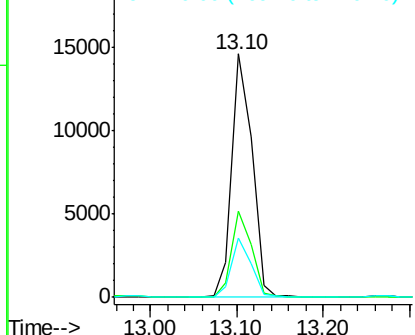
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 23396
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 24.6 17.7 26.5

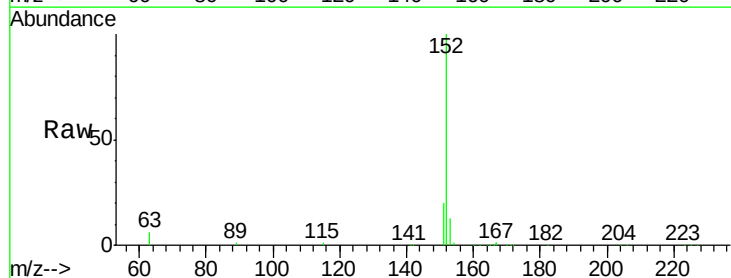


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

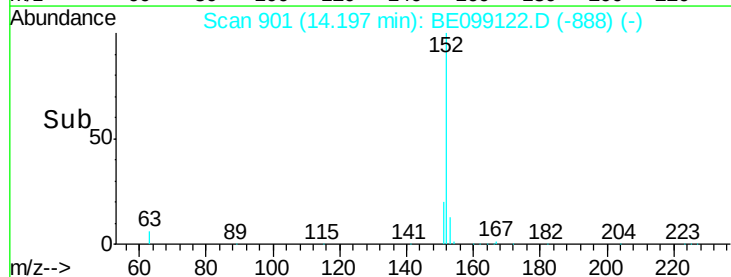
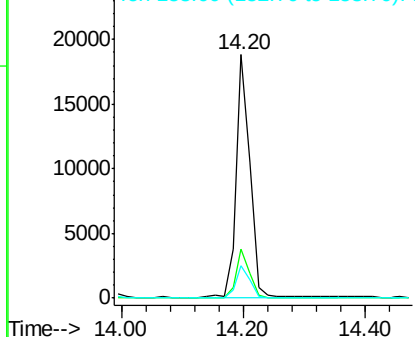


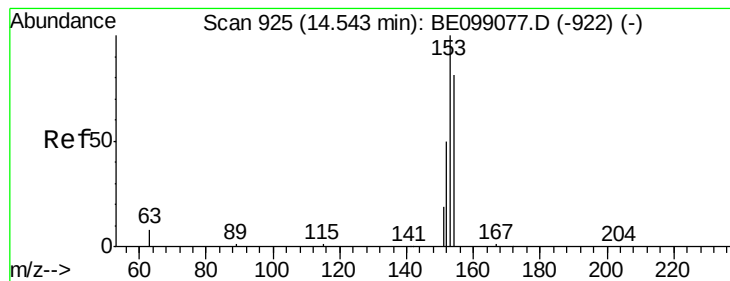
#16
Acenaphthylene
Concen: 0.423 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Tgt Ion:152 Resp: 29852
Ion Ratio Lower Upper
152 100
151 19.2 17.0 25.6
153 13.3 11.2 16.8



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: 0.433 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

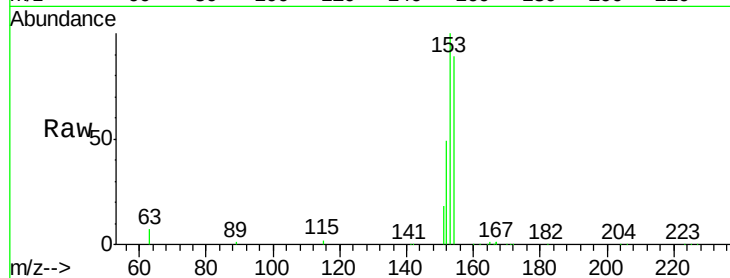
Tot Ion:154 Resp: 18139

Ion Ratio Lower Upper

154 100

153 113.8 94.2 141.4

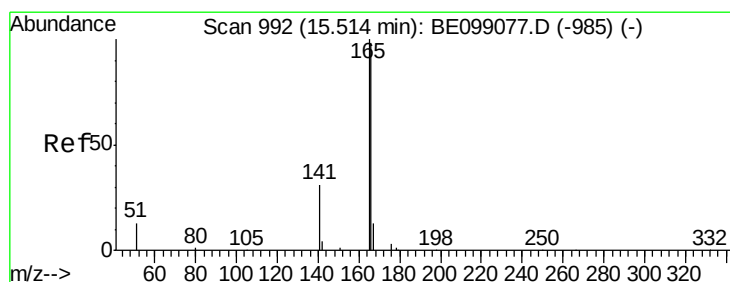
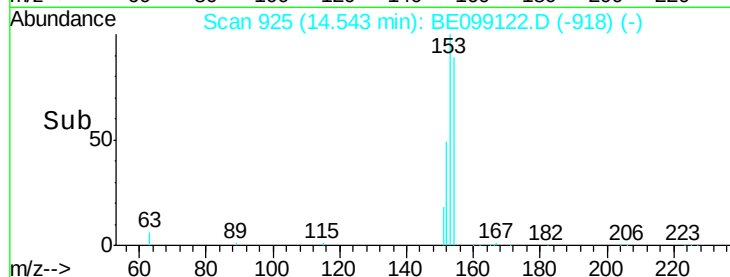
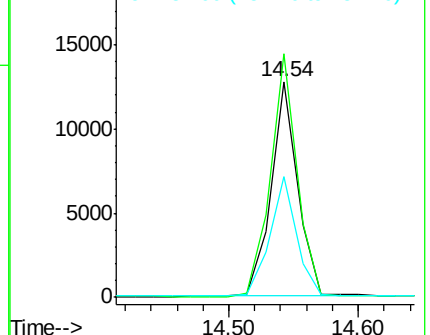
152 56.3 45.0 67.4



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: 0.426 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

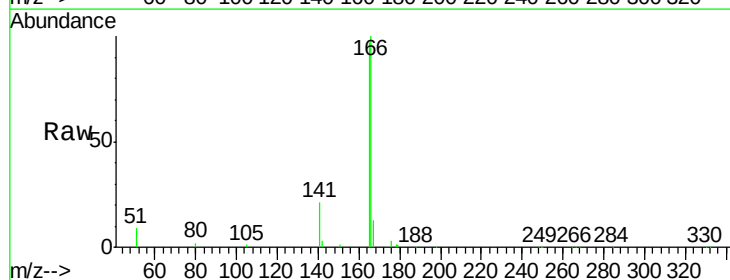
Tgt Ion:166 Resp: 25996

Ion Ratio Lower Upper

166 100

165 98.9 79.3 118.9

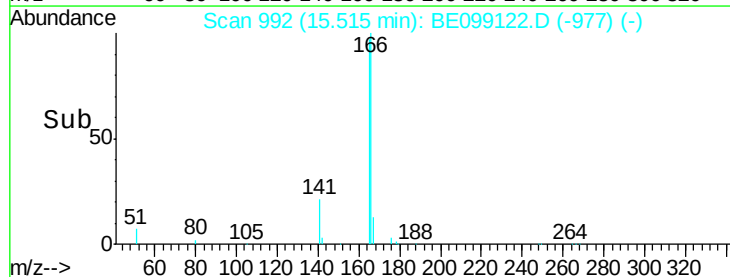
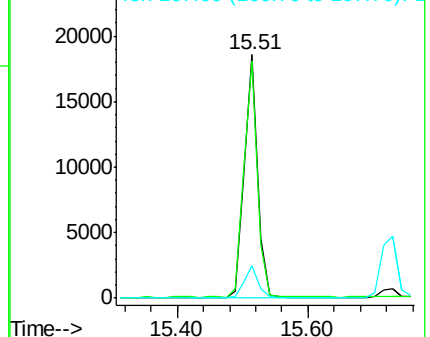
167 13.1 10.5 15.7

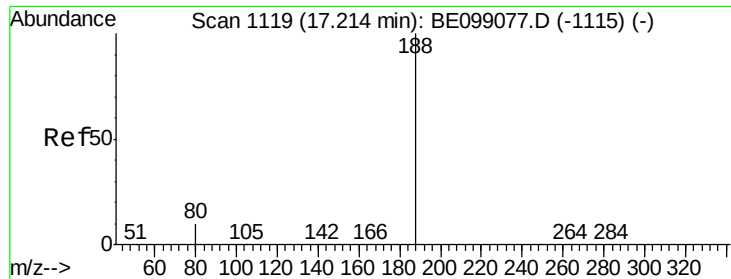


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

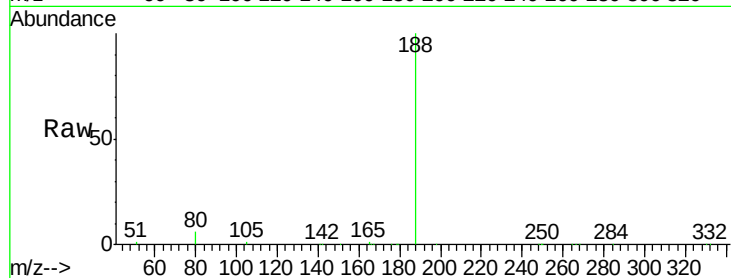
Tot Ion:188 Resp: 37374

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

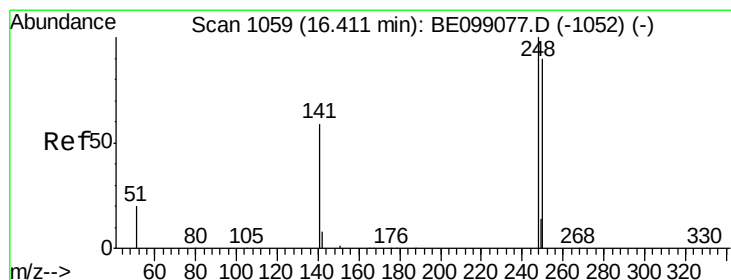
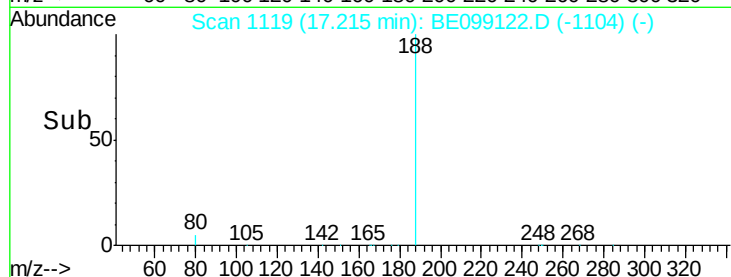
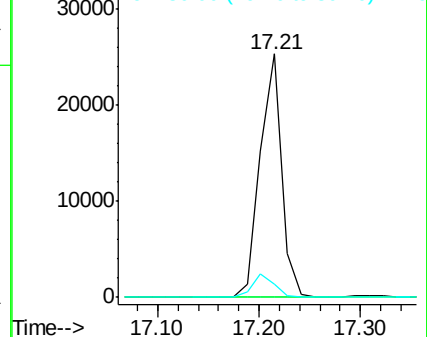
80 5.7 6.3 9.5#



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: 0.462 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

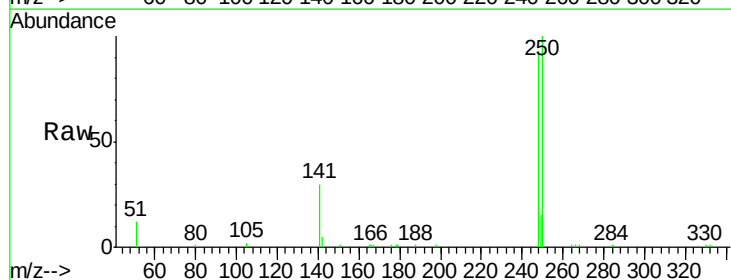
Tgt Ion:248 Resp: 9561

Ion Ratio Lower Upper

248 100

250 107.4 70.6 105.8#

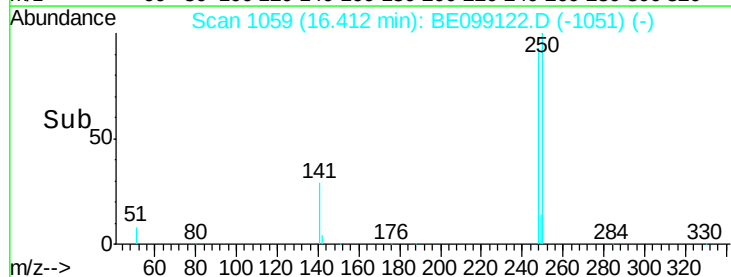
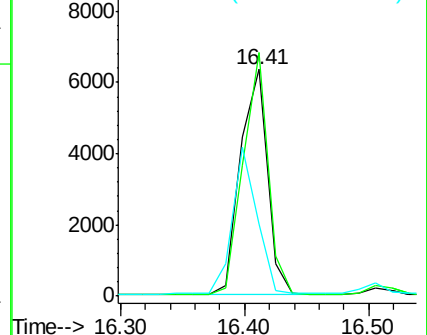
141 31.9 68.6 102.8#

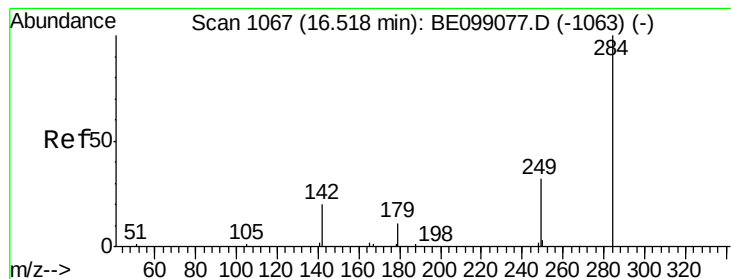


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.488 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

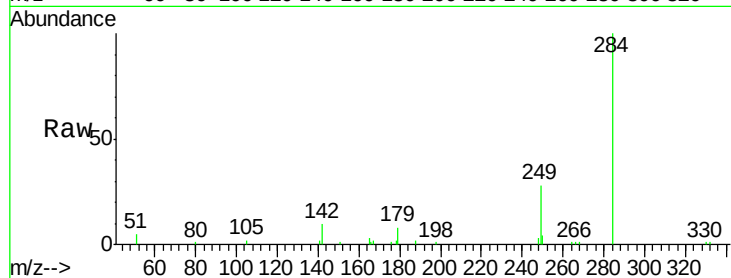
Tot Ion:284 Resp: 9375

Ion Ratio Lower Upper

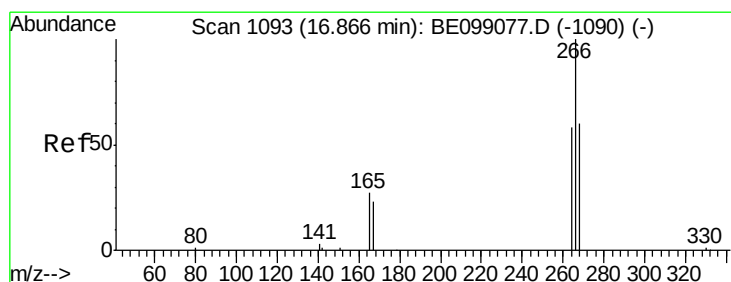
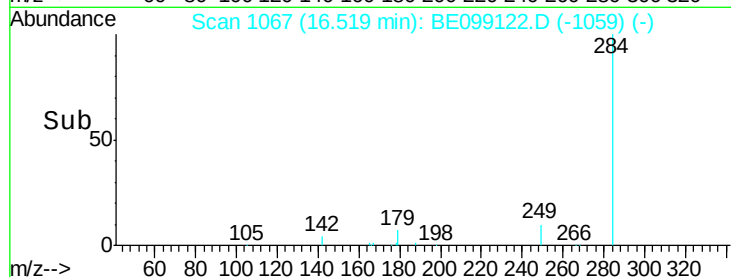
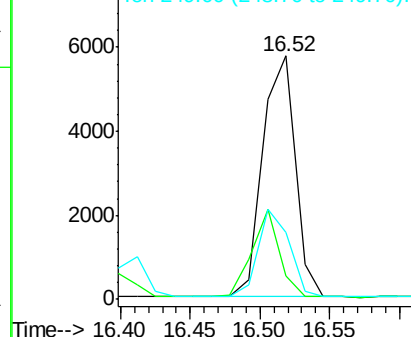
284 100

142 30.3 28.7 43.1

249 34.5 29.6 44.4



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



#22

Pentachlorophenol

Concen: 0.654 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

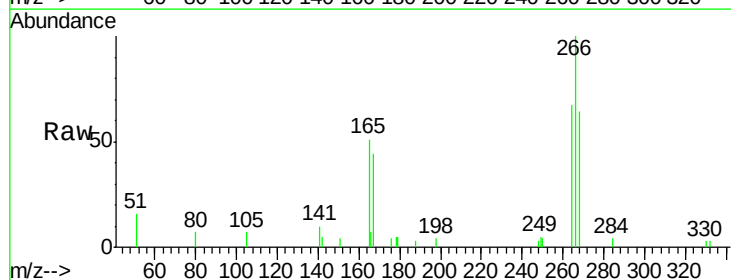
Tgt Ion:266 Resp: 3171

Ion Ratio Lower Upper

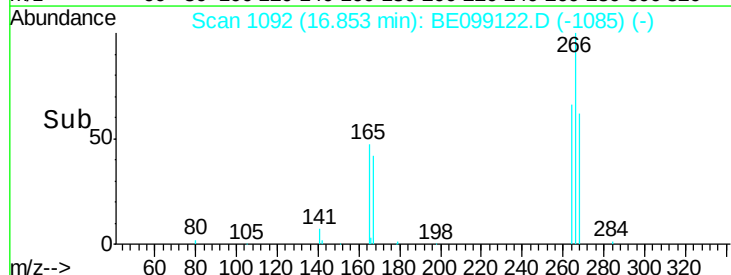
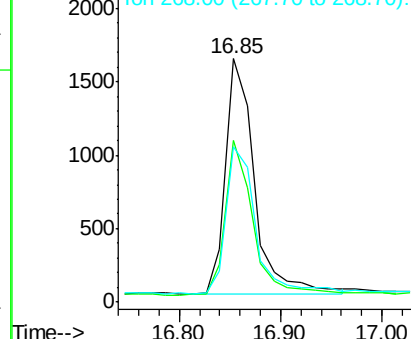
266 100

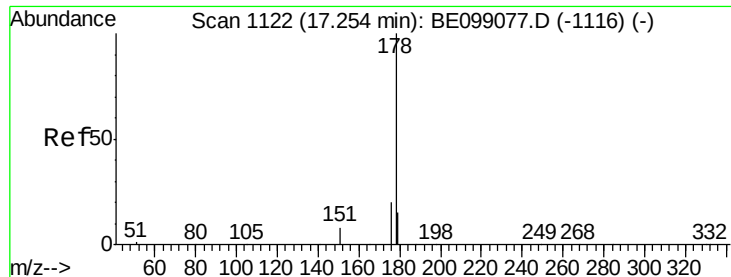
264 66.6 66.6 100.0#

268 63.8 69.8 104.8#



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

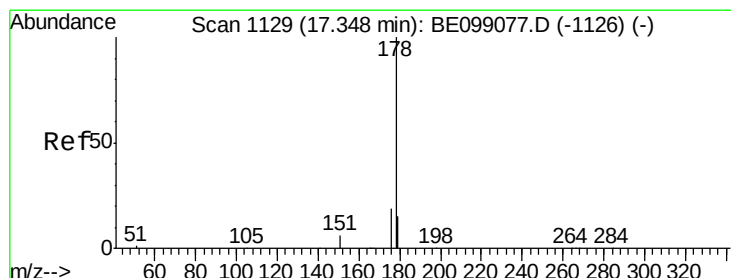
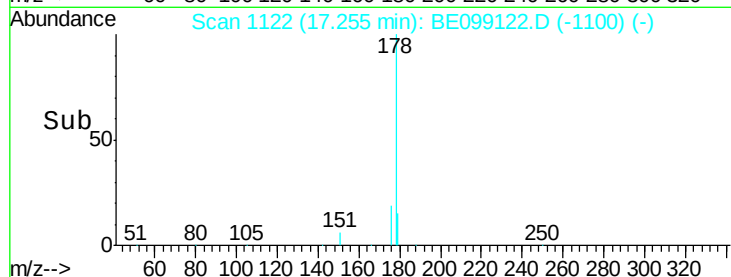
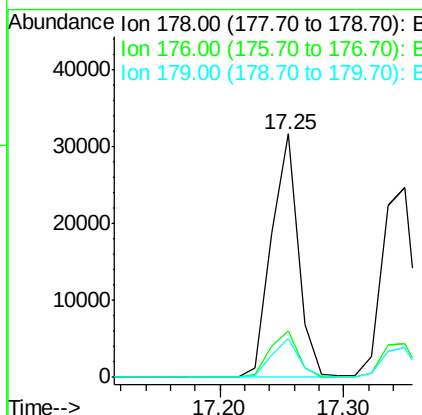
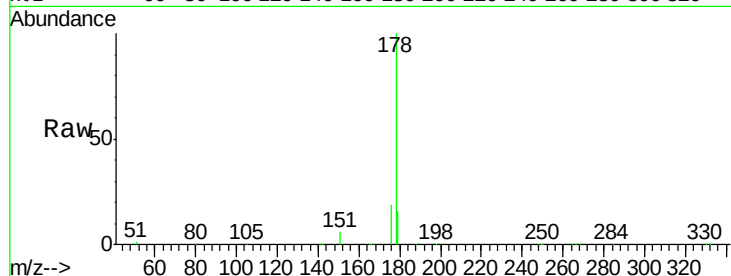




#23
Phenanthrene
Concen: 0.424 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

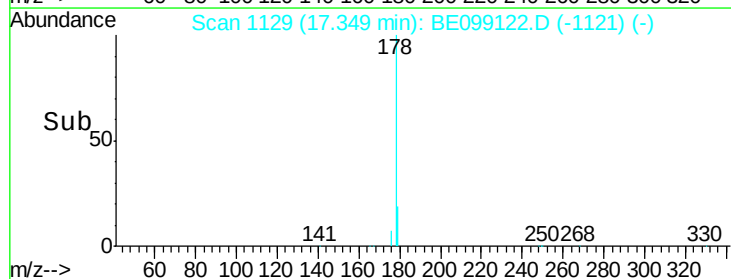
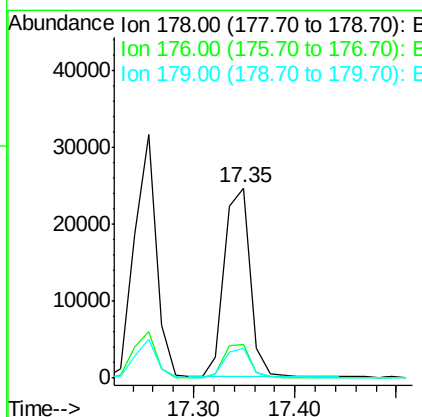
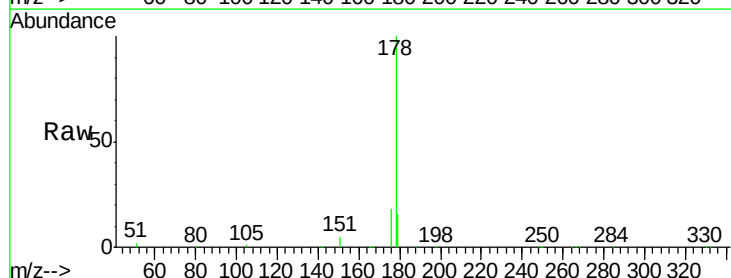
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

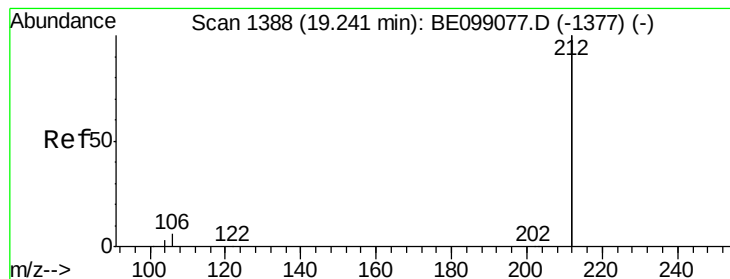
Tot Ion:178 Resp: 47091
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.4 12.1 18.1



#24
Anthracene
Concen: 0.411 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Tgt Ion:178 Resp: 43200
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

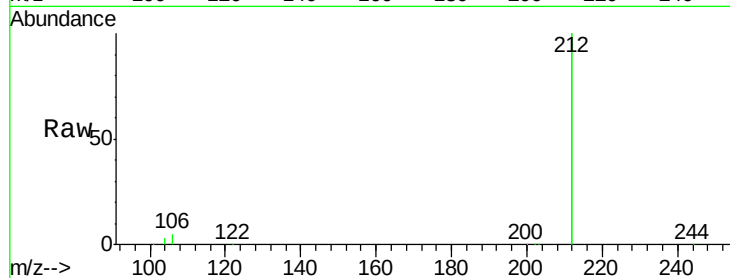
Tot Ion:212 Resp: 199200

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

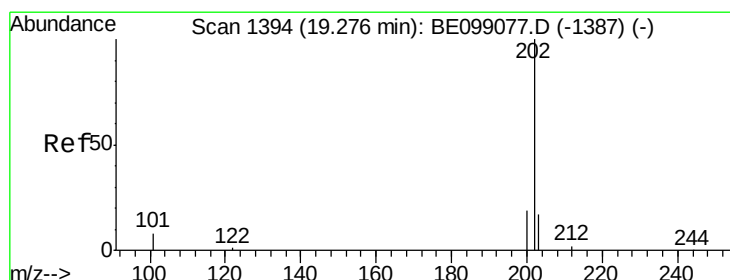
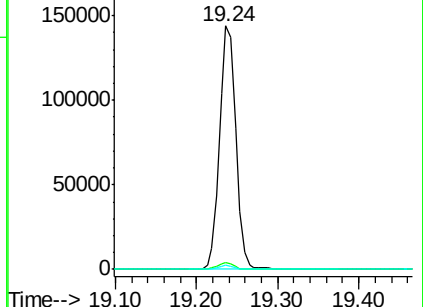
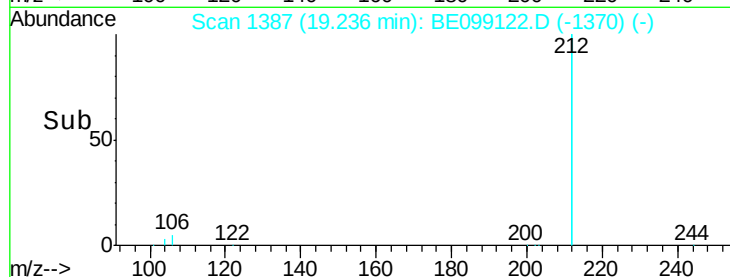
104 1.5 1.0 1.6



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: 0.389 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

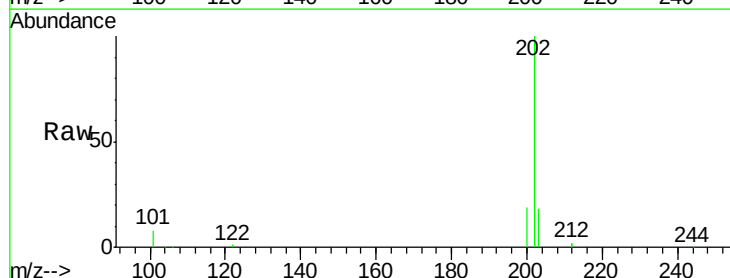
Tgt Ion:202 Resp: 60765

Ion Ratio Lower Upper

202 100

101 8.8 7.3 10.9

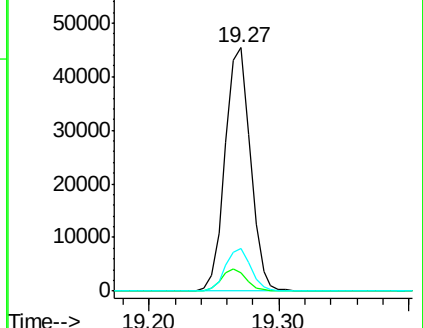
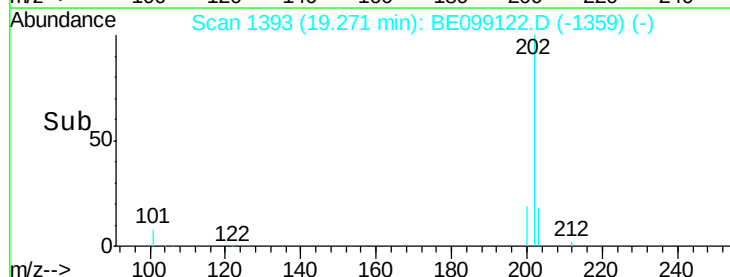
203 17.4 13.4 20.2

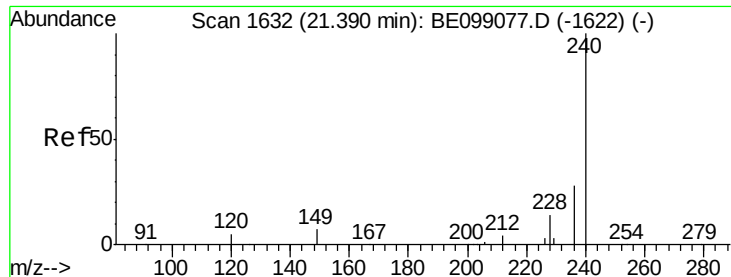


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

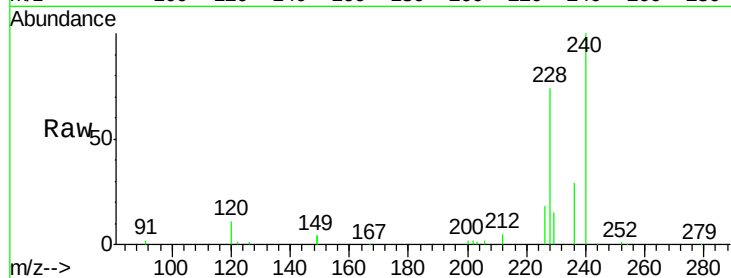
Tot Ion:240 Resp: 43374

Ion Ratio Lower Upper

240 100

120 10.7 5.0 7.4#

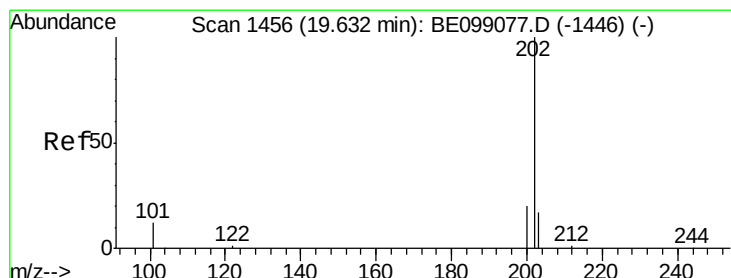
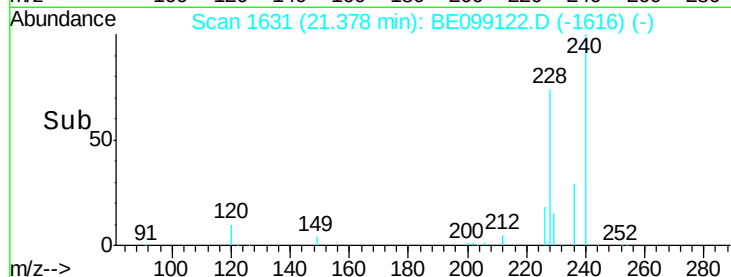
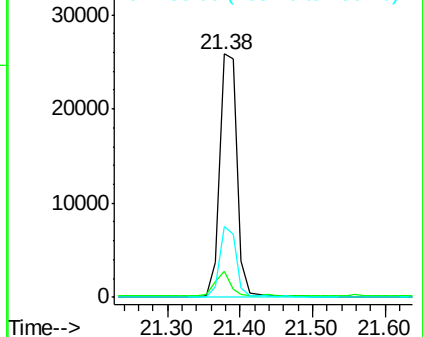
236 28.9 22.7 34.1



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: 0.423 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

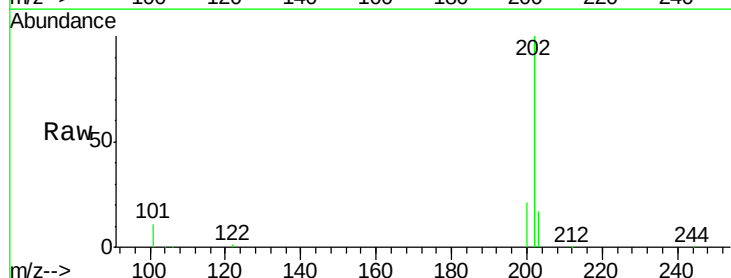
Tgt Ion:202 Resp: 62240

Ion Ratio Lower Upper

202 100

200 19.9 17.0 25.6

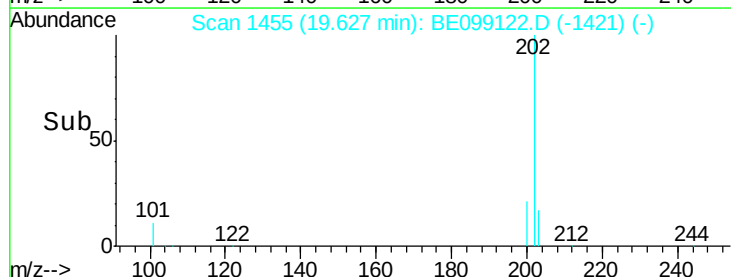
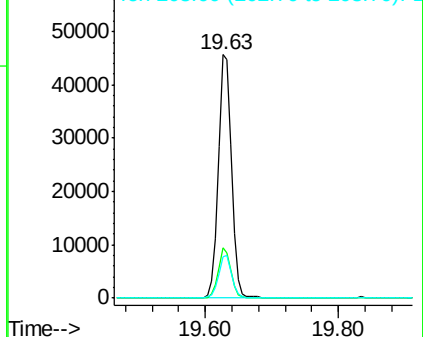
203 17.2 14.2 21.2

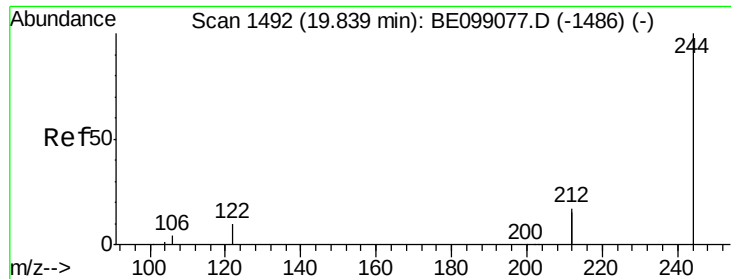


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.473 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

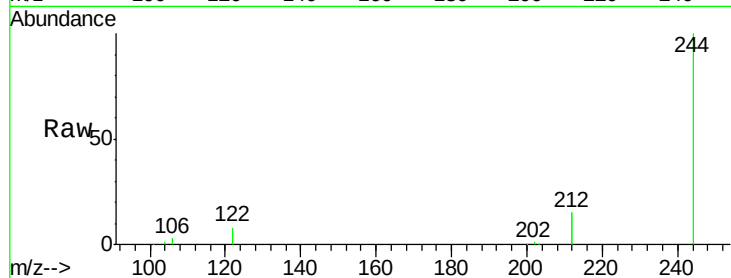
Tot Ion:244 Resp: 43389

Ion Ratio Lower Upper

244 100

212 29.6 29.4 44.2

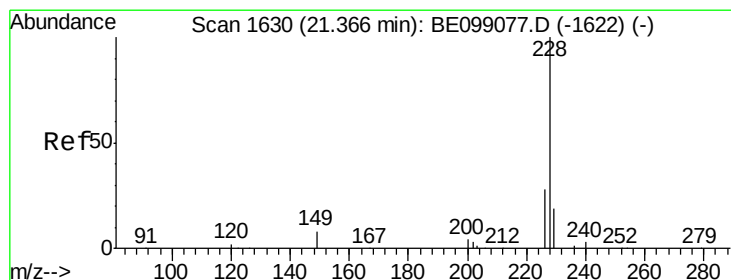
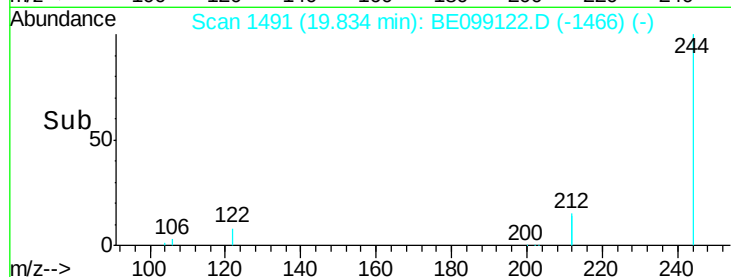
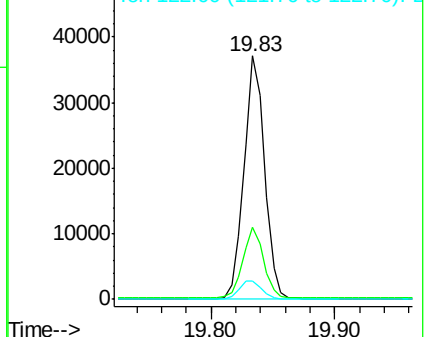
122 7.8 7.1 10.7



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: 0.408 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

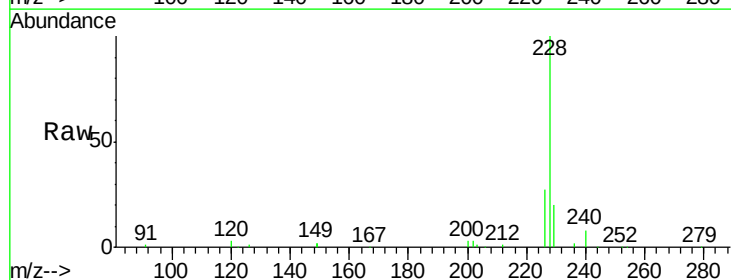
Tgt Ion:228 Resp: 62417

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

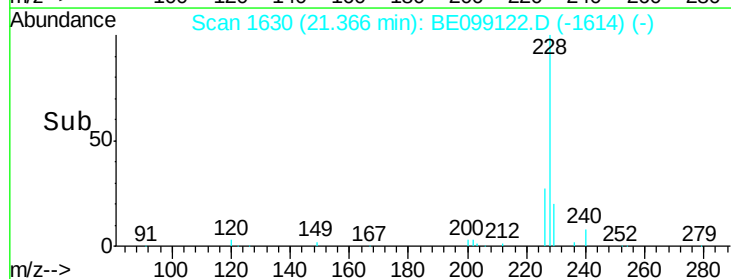
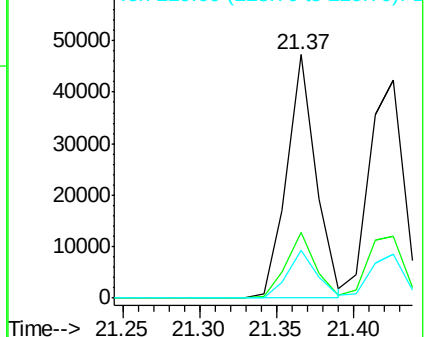
229 19.6 16.5 24.7

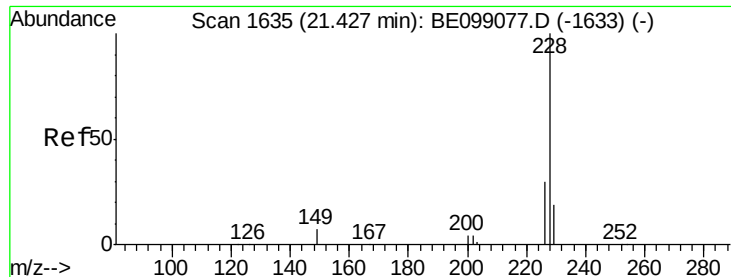


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

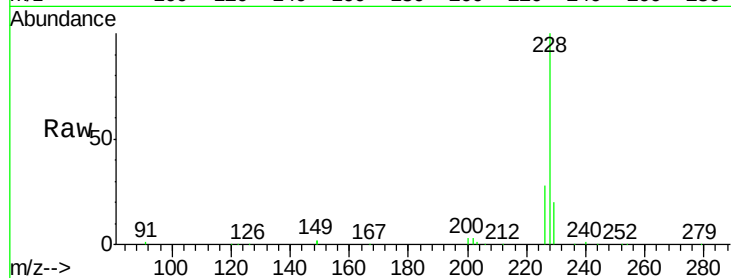
Tot Ion:228 Resp: 65303

Ion Ratio Lower Upper

228 100

226 28.5 23.7 35.5

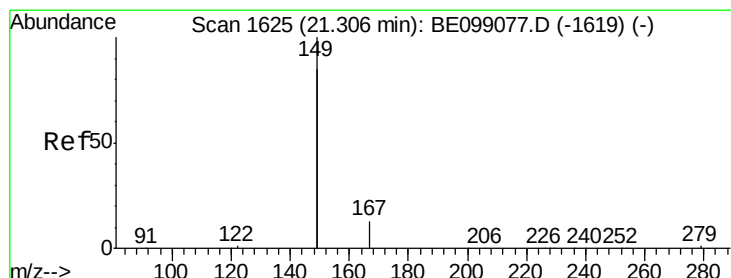
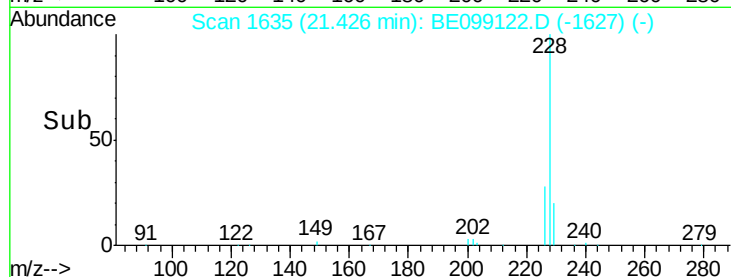
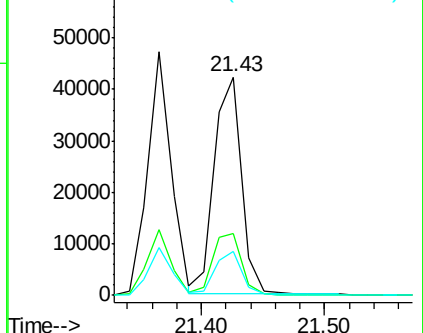
229 19.9 16.1 24.1



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: 0.430 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

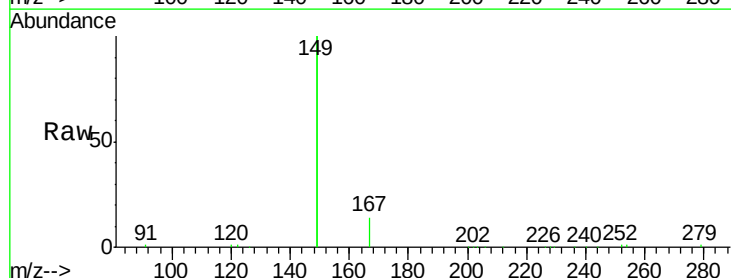
Tgt Ion:149 Resp: 85185

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

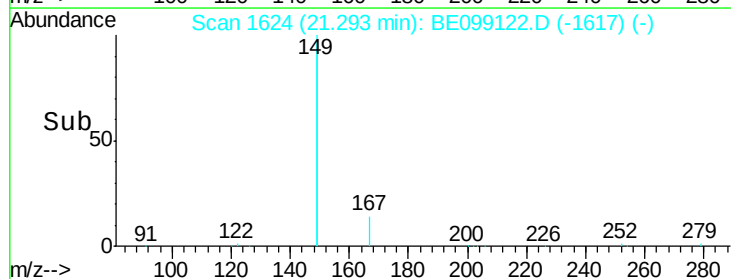
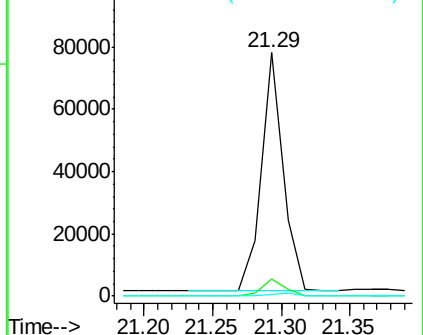
279 1.1 1.0 1.4

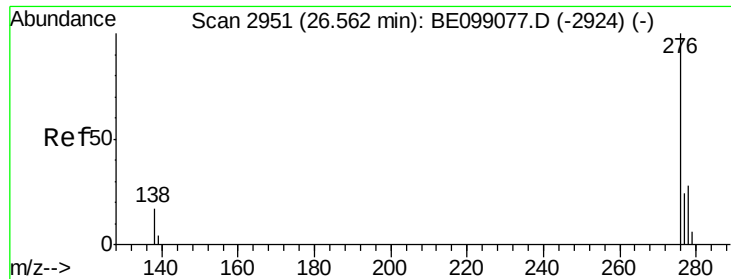


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.435 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

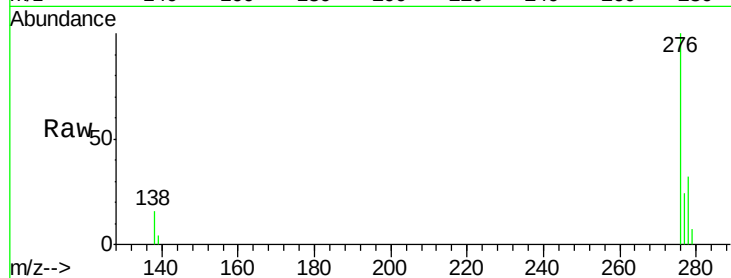
Tot Ion:276 Resp: 71418

Ion Ratio Lower Upper

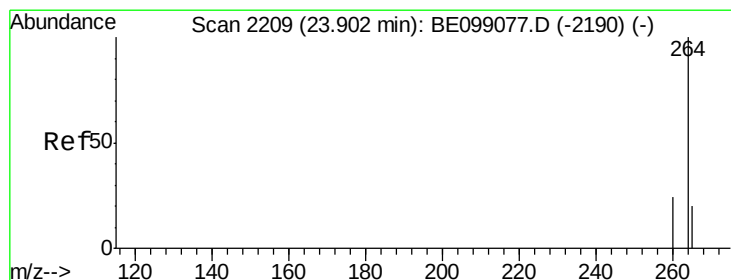
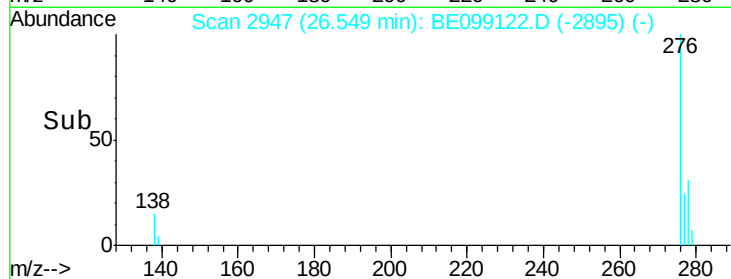
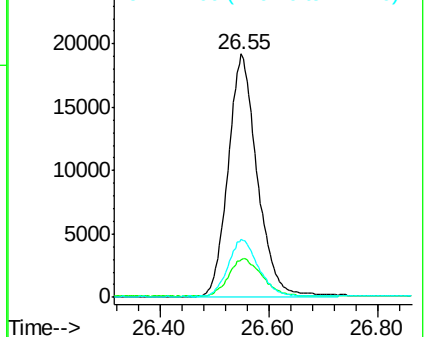
276 100

138 18.0 13.8 20.8

277 24.5 19.5 29.3



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: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

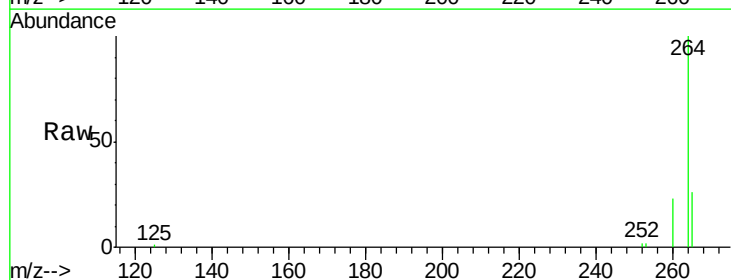
Tgt Ion:264 Resp: 46078

Ion Ratio Lower Upper

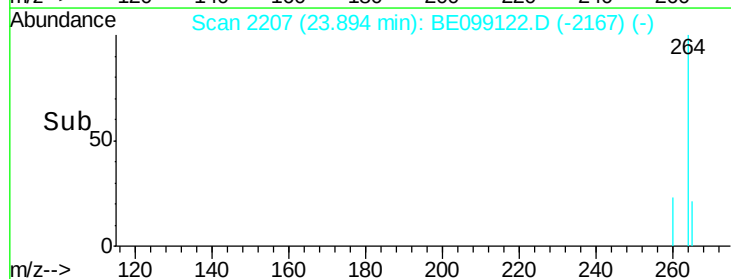
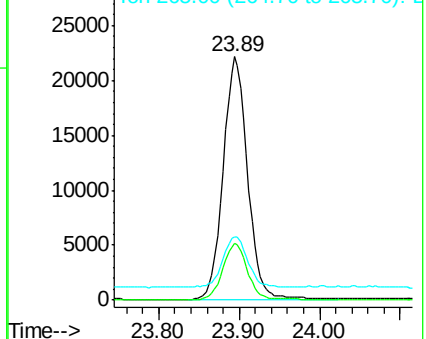
264 100

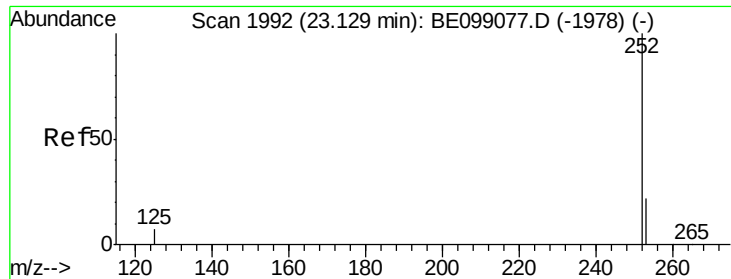
260 23.1 21.2 31.8

265 25.9 24.6 36.8



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: 0.401 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

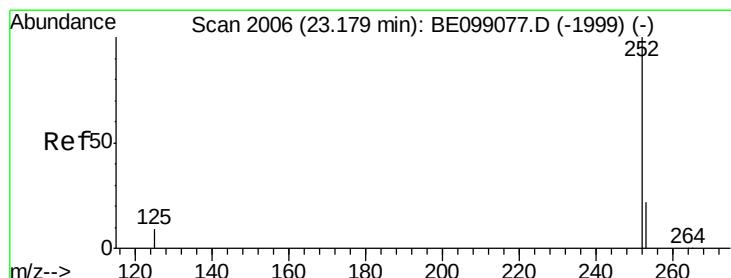
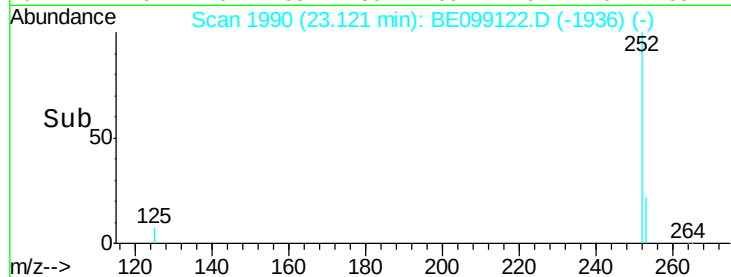
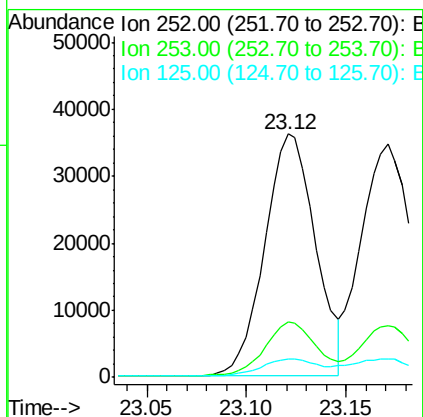
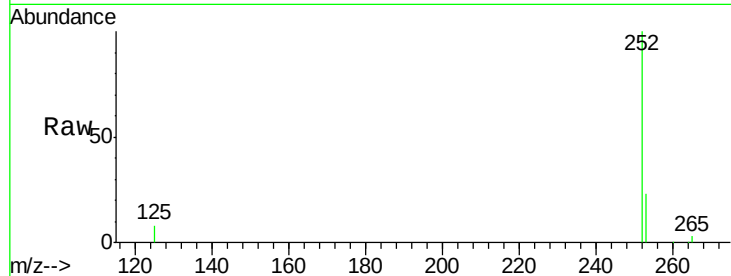
Tot Ion:252 Resp: 63856

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 7.6 7.3 10.9



#36

Benzo(k)fluoranthene

Concen: 0.405 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

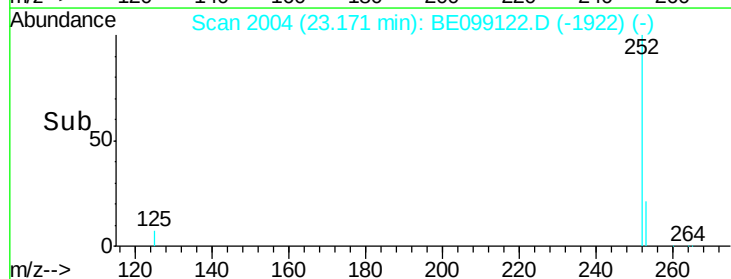
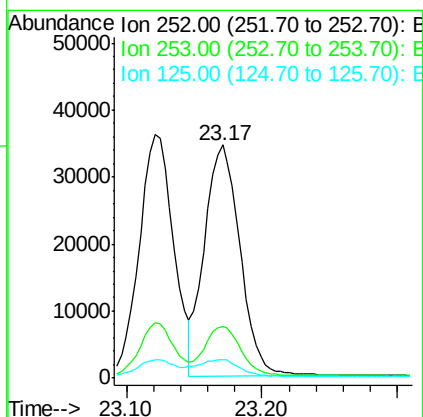
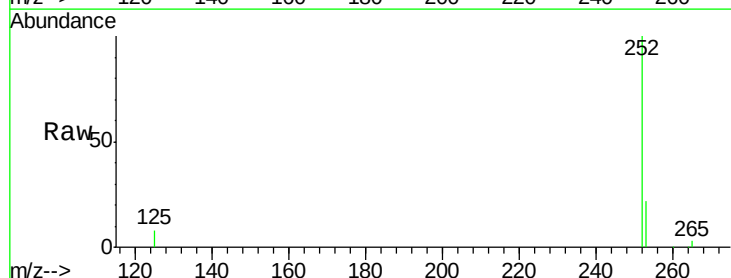
Tgt Ion:252 Resp: 63211

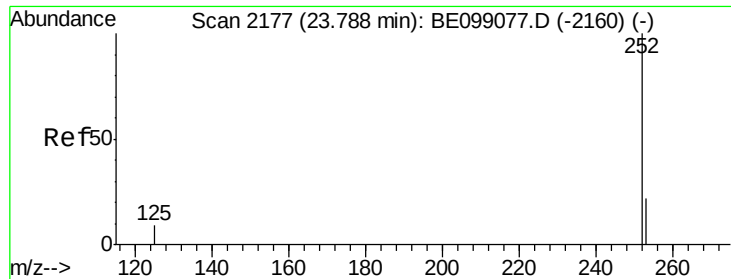
Ion Ratio Lower Upper

252 100

253 22.1 19.3 28.9

125 7.9 7.5 11.3

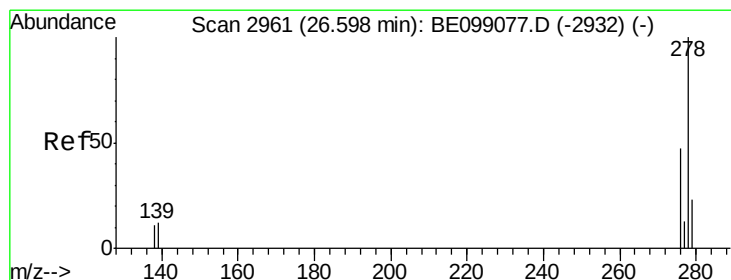
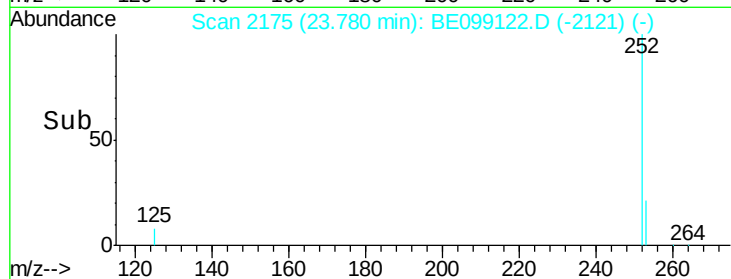
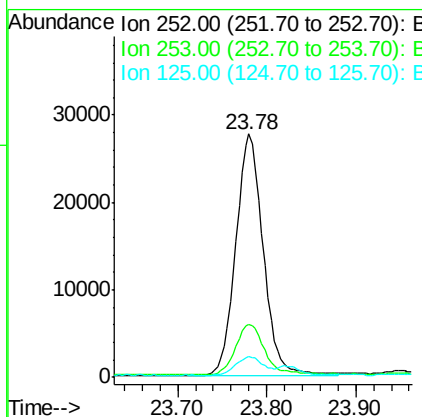
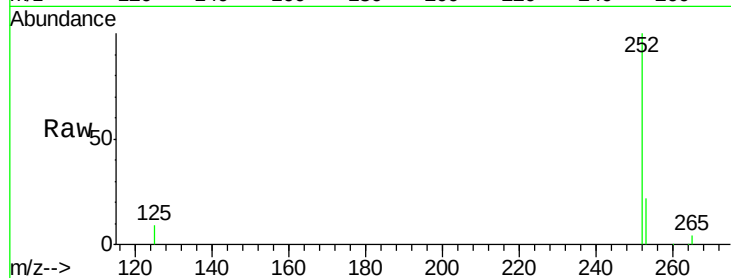




#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

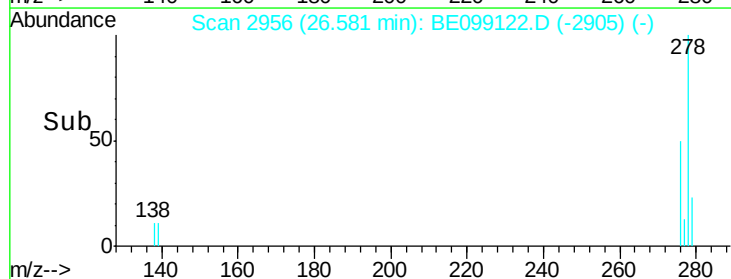
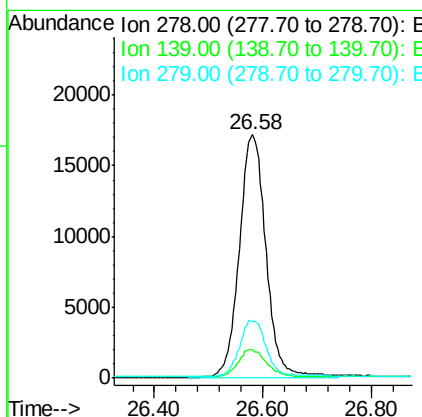
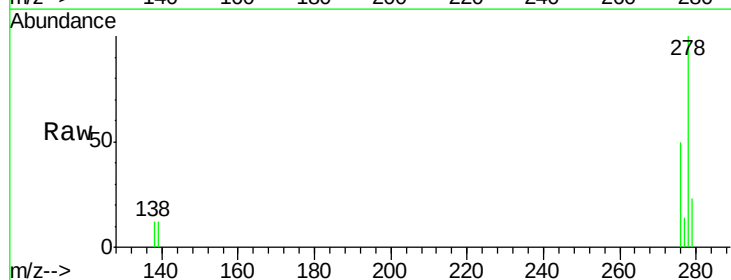
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

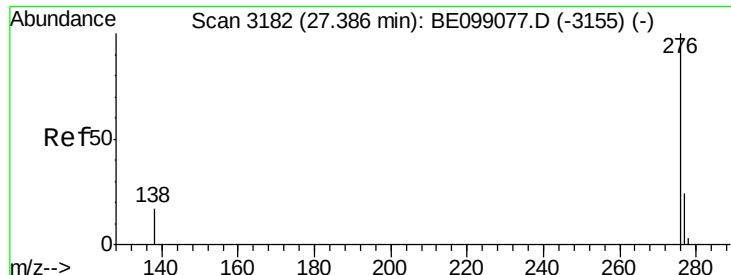
Tot Ion:252 Resp: 59150
Ion Ratio Lower Upper
252 100
253 21.9 19.9 29.9
125 8.7 9.0 13.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.02 min
Lab File: BE099122.D
Acq: 23 Mar 2019 22:01

Tgt Ion:278 Resp: 58765
Ion Ratio Lower Upper
278 100
139 11.8 11.8 17.6
279 23.5 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.406 ng

RT: 27.37 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BE099122.D

Acq: 23 Mar 2019 22:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

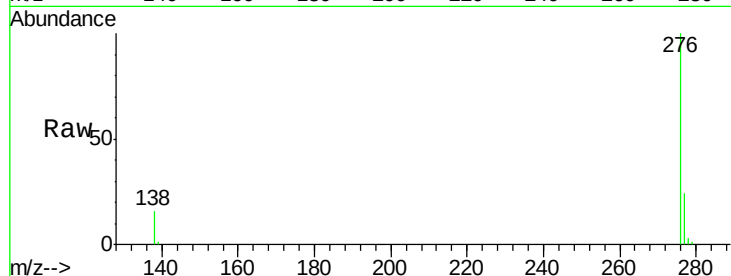
Tot Ion:276 Resp: 59737

Ion Ratio Lower Upper

276 100

277 24.0 20.4 30.6

138 15.7 13.6 20.4



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

