

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099797.D
 Acq On : 5 Jun 2019 9:13
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 05 13:29:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1266	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4249	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3032	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	10360	0.40	ng	0.00
27) Chrysene-d12	21.40	240	37316	0.40	ng	-0.01
34) Perylene-d12	23.95	264	42239	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	262	0.08	ng	0.01
5) Phenol-d6	6.99	99	359	0.08	ng	0.03
8) Nitrobenzene-d5	8.99	82	313	0.09	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	697	0.10	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	171	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	1021	0.09	ng	0.01
25) Fluoranthene-d10	19.21	212	58271	0.41	ng	-0.05
29) Terphenyl-d14	19.84	244	15607	0.23	ng	-0.02

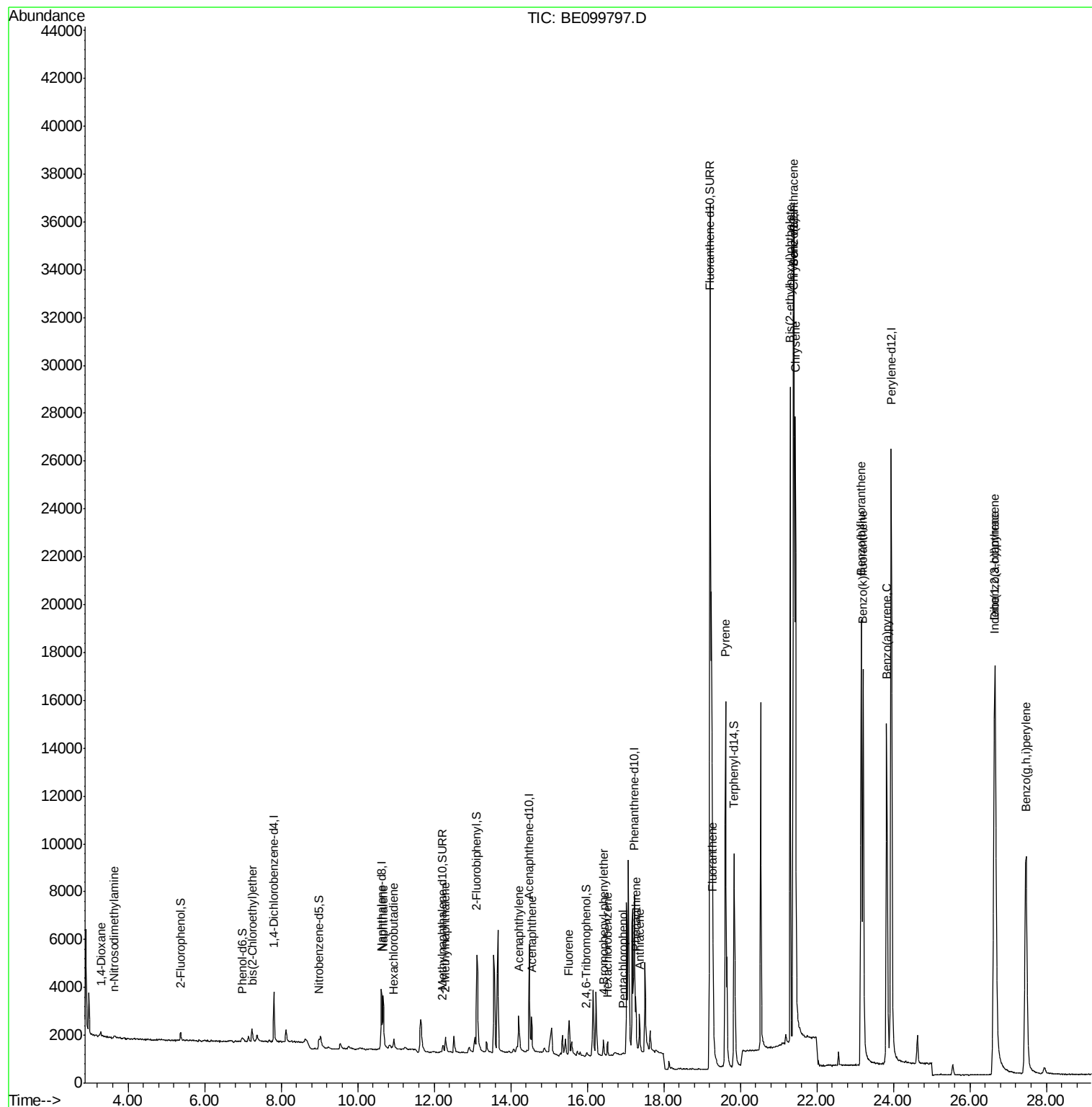
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	210	0.112	ng	92
3) n-Nitrosodimethylamine	3.64	42	63	0.061	ng	# 74
6) bis(2-Chloroethyl)ether	7.24	93	355	0.094	ng	# 80
9) Naphthalene	10.67	128	4268	0.094	ng	# 95
10) Hexachlorobutadiene	10.94	225	309	0.092	ng	93
12) 2-Methylnaphthalene	12.30	142	652	0.088	ng	# 90
16) Acenaphthylene	14.21	152	1416	0.100	ng	99
17) Acenaphthene	14.54	154	736	0.093	ng	99
18) Fluorene	15.53	166	1134	0.097	ng	# 97
20) 4-Bromophenyl-phenylether	16.43	248	482	0.081	ng	94
21) Hexachlorobenzene	16.53	284	587	0.096	ng	98
22) Pentachlorophenol	16.93	266	178	0.101	ng	97
23) Phenanthrene	17.27	178	2835	0.112	ng	99
24) Anthracene	17.36	178	2079	0.091	ng	97
26) Fluoranthene	19.29	202	5284	0.132	ng	97
28) Pyrene	19.61	202	17457	0.186	ng	100
30) Benzo(a)anthracene	21.39	228	25812	0.243	ng	100
31) Chrysene	21.44	228	28410	0.251	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	29340	0.240	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	33804	0.247	ng	99
35) Benzo(b)fluoranthene	23.16	252	28373	0.245	ng	99
36) Benzo(k)fluoranthene	23.21	252	28536	0.237	ng	100
37) Benzo(a)pyrene	23.83	252	26825	0.241	ng	# 96
38) Dibenzo(a,h)anthracene	26.66	278	27418	0.234	ng	98
39) Benzo(g,h,i)perylene	27.47	276	28323	0.240	ng	98

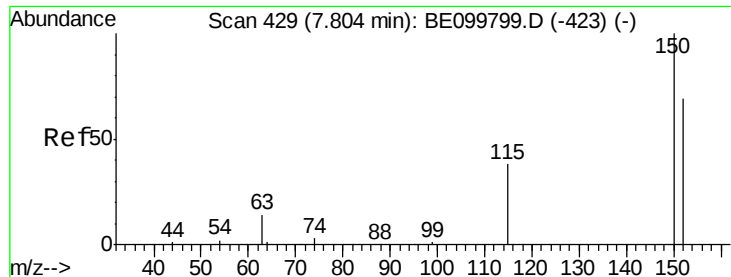
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

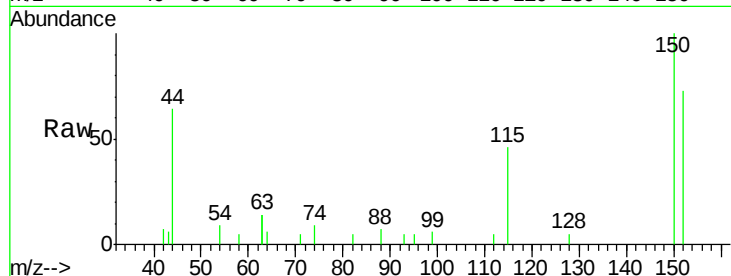
Tot Ion:152 Resp: 1266

Ion Ratio Lower Upper

152 100

150 136.1 112.8 169.2

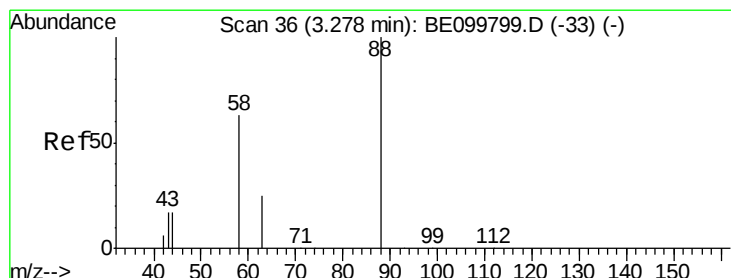
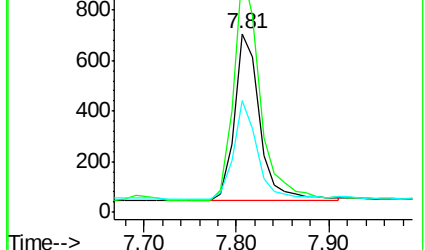
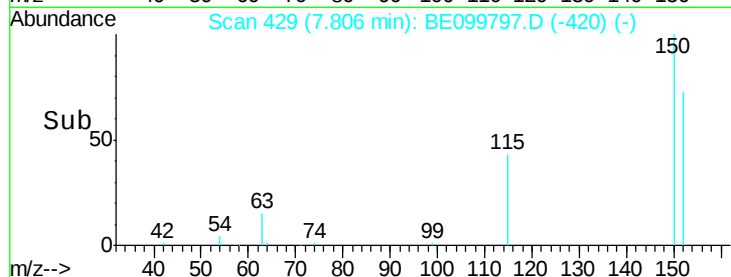
115 62.2 47.6 71.4



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: 0.112 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

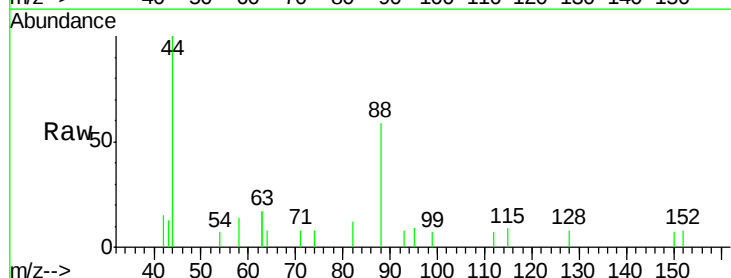
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

58 52.9 47.5 71.3

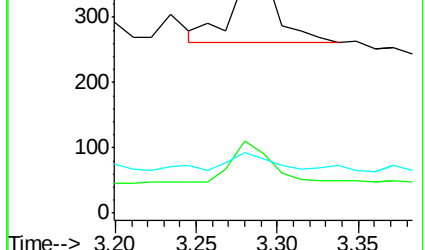
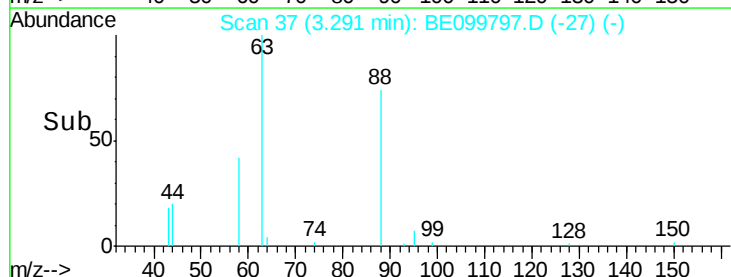
43 26.2 18.2 27.4

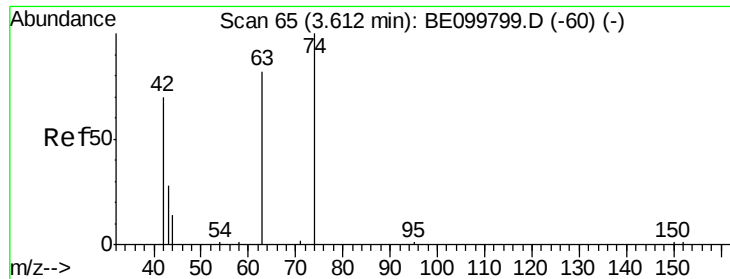


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.061 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

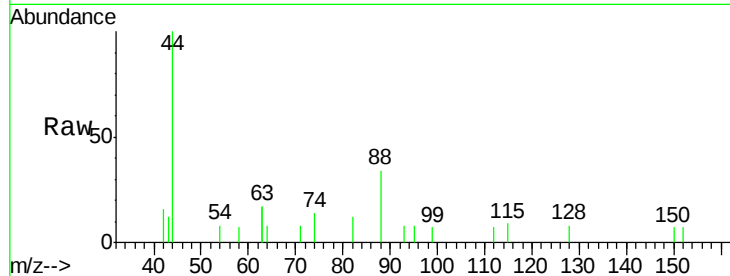
Tot Ion: 42 Resp: 63

Ion Ratio Lower Upper

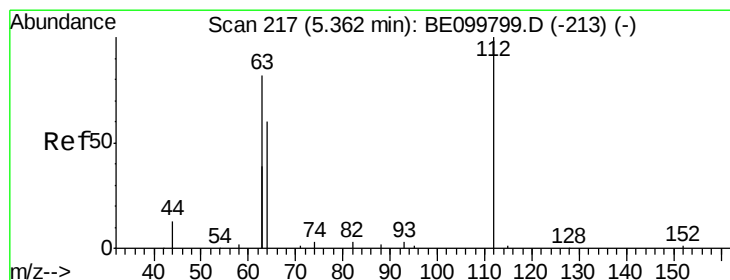
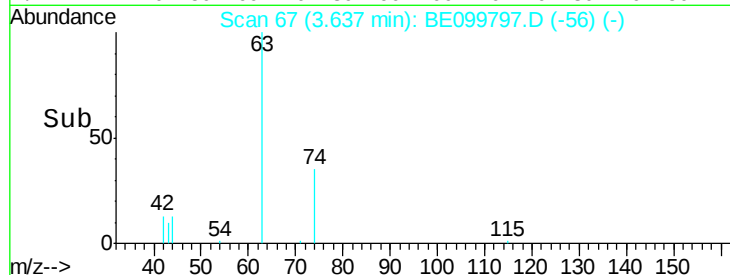
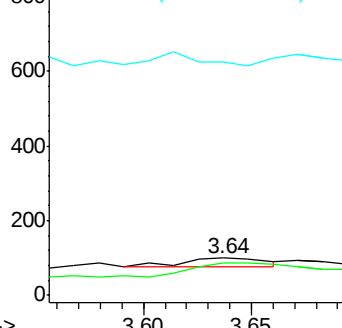
42 100

74 207.9 137.8 206.6#

44 0.0 10.8 16.2#



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: 0.082 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

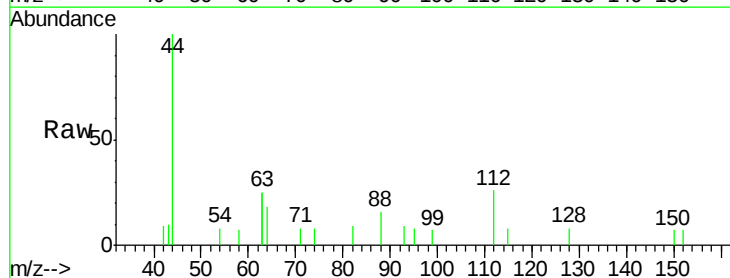
Tgt Ion: 112 Resp: 262

Ion Ratio Lower Upper

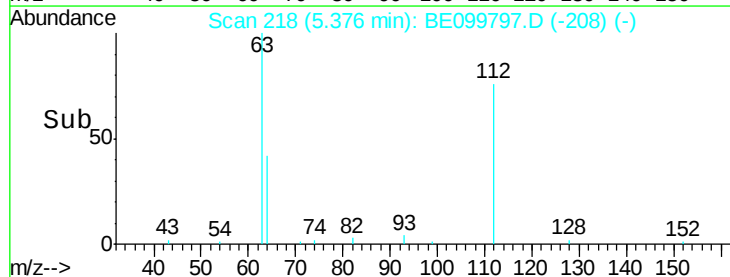
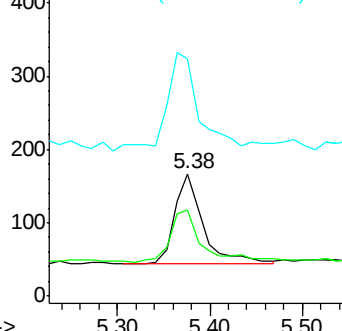
112 100

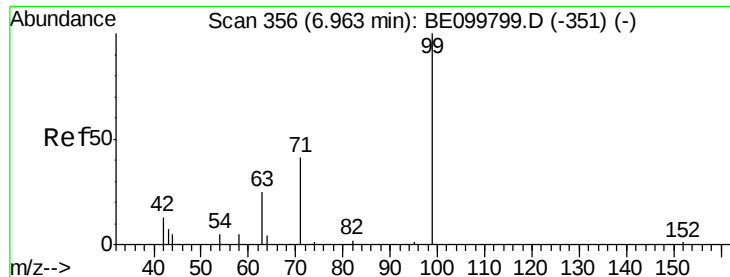
64 69.8 47.2 70.8

63 129.8 90.7 136.1



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: 0.085 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.03 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

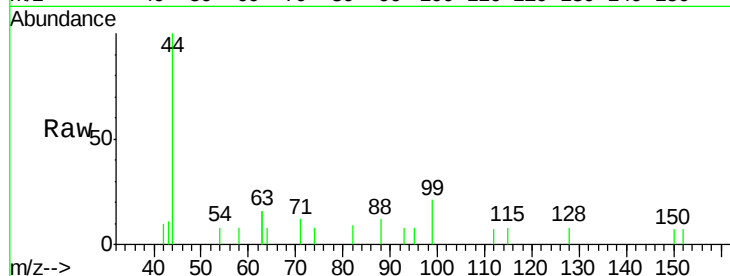
Tot Ion: 99 Resp: 359

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

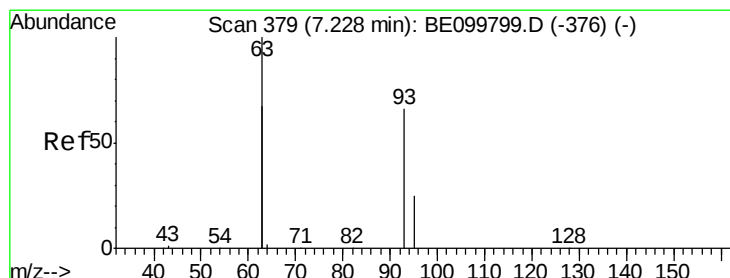
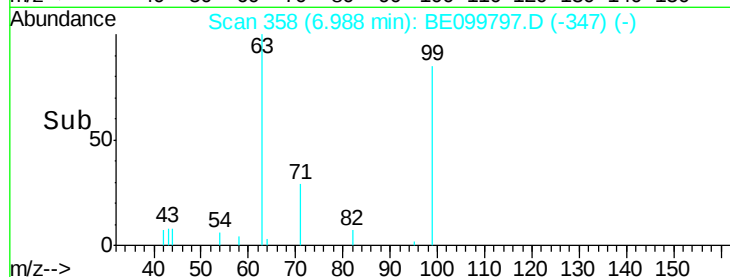
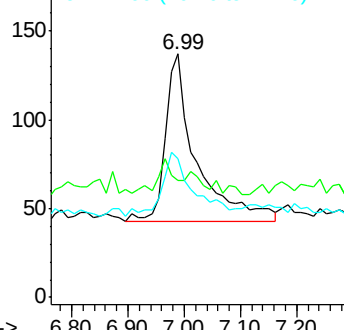
71 38.4 26.1 39.1



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: 0.094 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

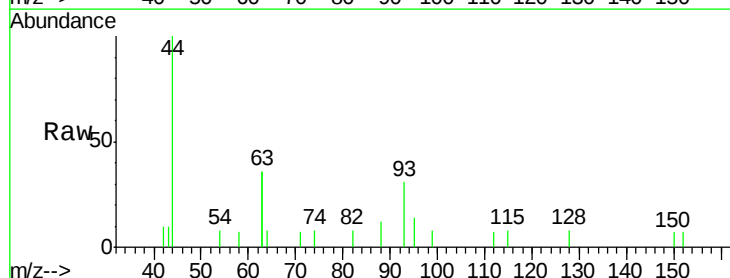
Tgt Ion: 93 Resp: 355

Ion Ratio Lower Upper

93 100

63 224.2 208.8 313.2

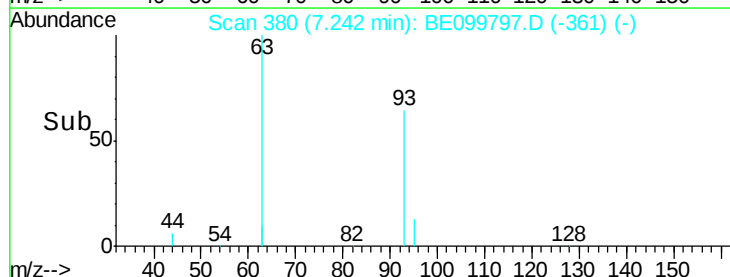
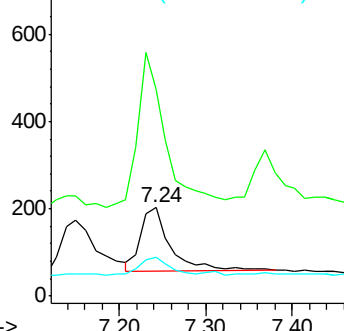
95 26.5 27.6 41.4#

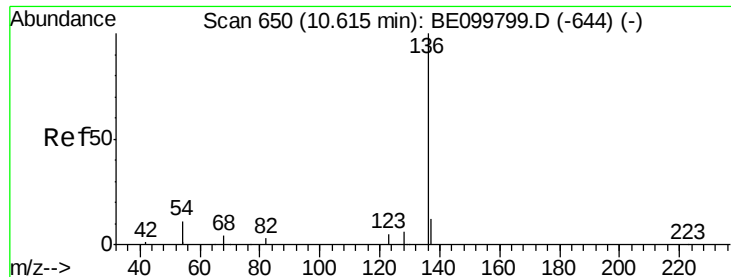


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 4249

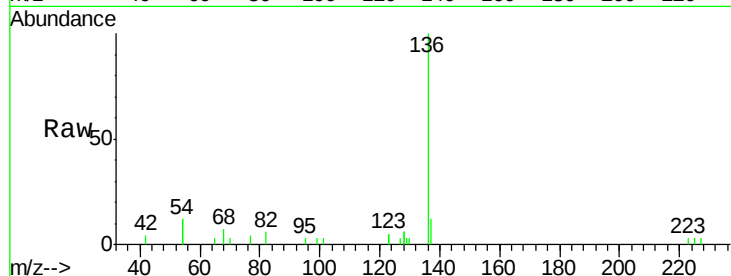
Ion Ratio Lower Upper

136 100

137 12.4 11.1 16.7

54 24.6 17.9 26.9

68 7.4 5.4 8.0

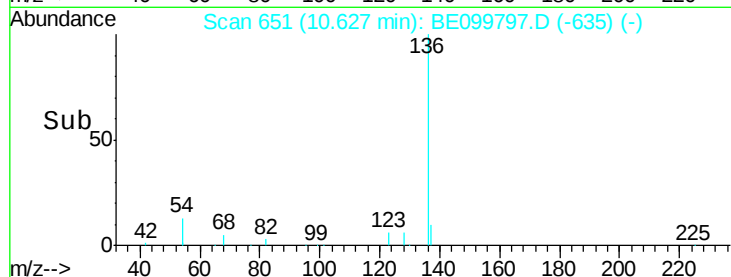


Abundance Ion 136.00 (135.70 to 136.70): E

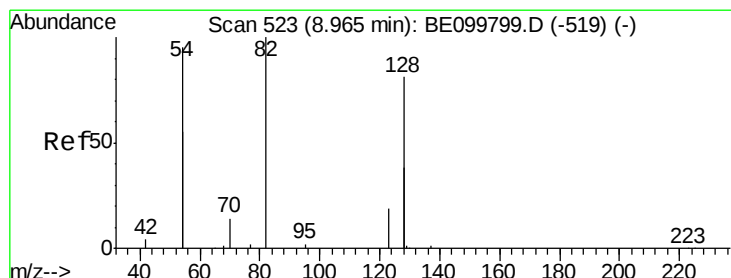
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.60 10.80



#8

Nitrobenzene-d5

Concen: 0.085 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

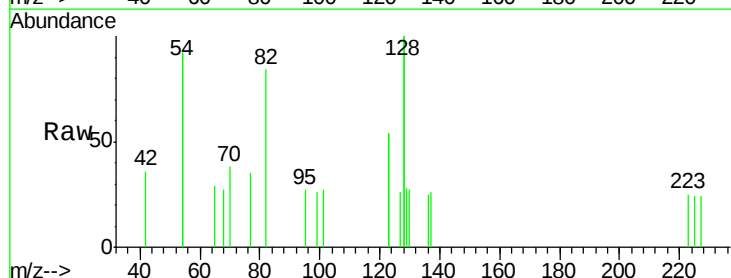
Tgt Ion: 82 Resp: 313

Ion Ratio Lower Upper

82 100

128 237.9 116.6 175.0#

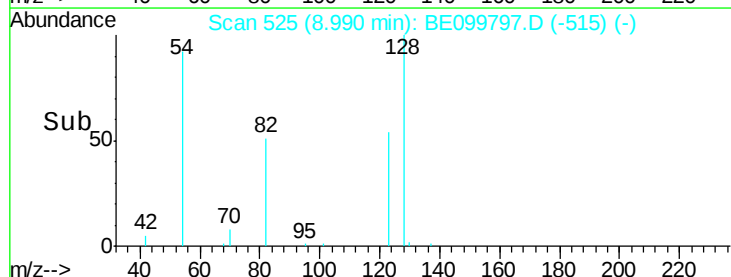
54 219.6 136.2 204.4#



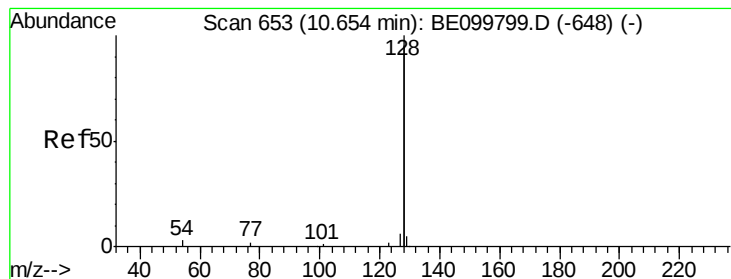
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 8.95 9.00 9.05



#9

Naphthalene

Concen: 0.094 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

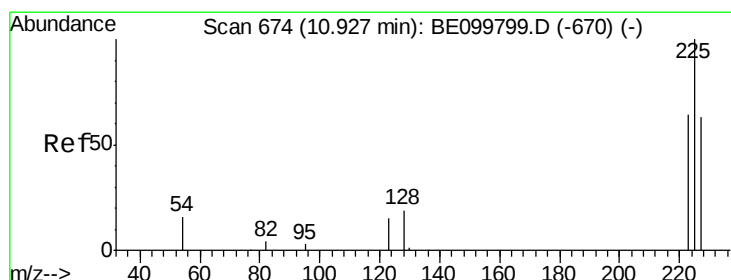
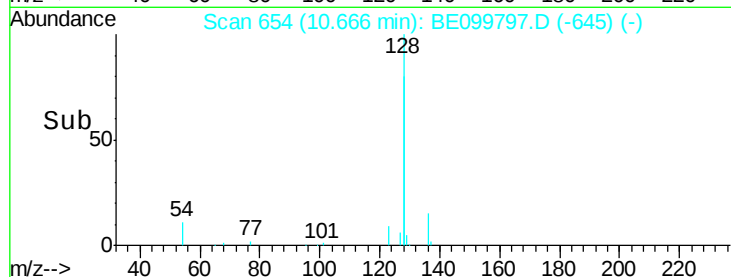
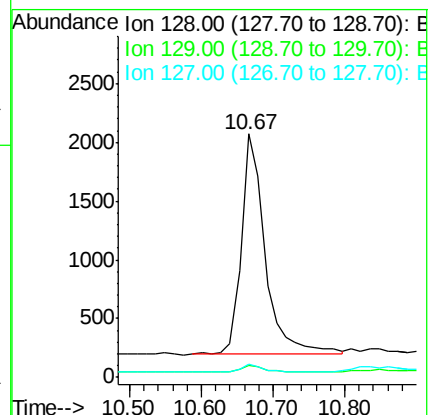
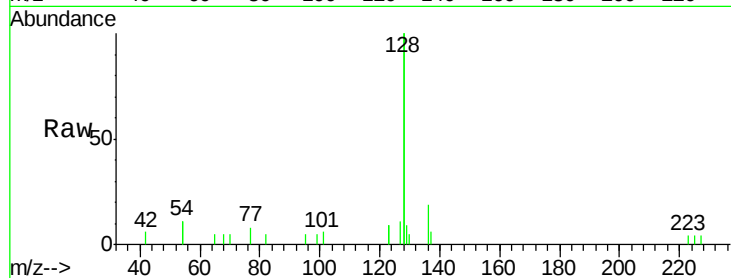
Tot Ion:128 Resp: 4268

Ion Ratio Lower Upper

128 100

129 4.7 2.6 4.0#

127 5.5 3.0 4.6#



#10

Hexachlorobutadiene

Concen: 0.092 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

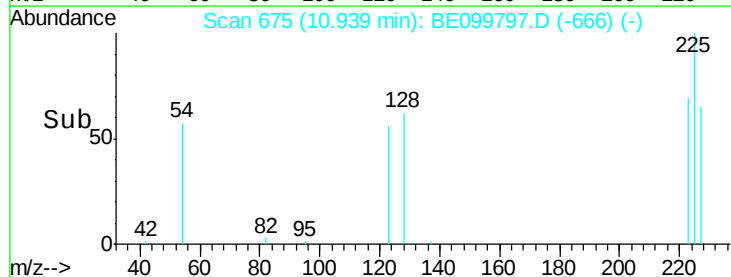
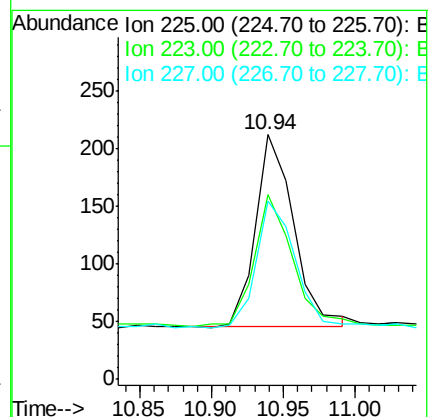
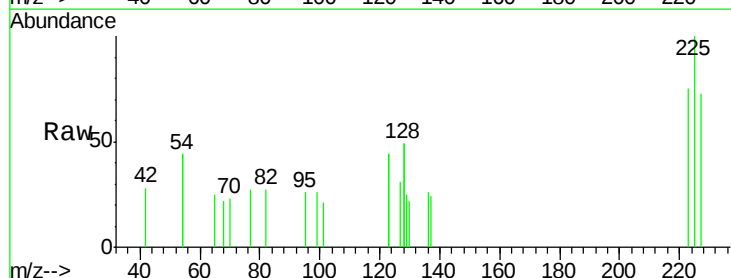
Tgt Ion:225 Resp: 309

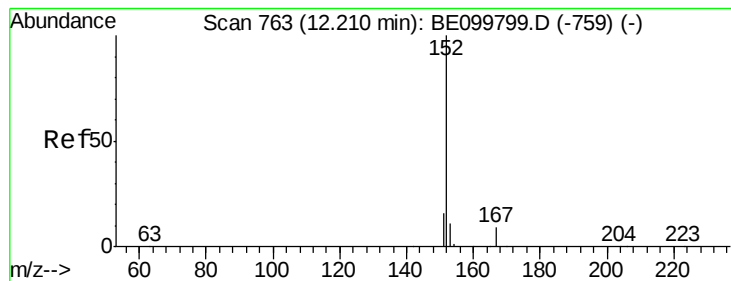
Ion Ratio Lower Upper

225 100

223 69.9 48.6 72.8

227 67.0 51.8 77.6





#11

2-Methylnaphthalene-d10

Concen: 0.095 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

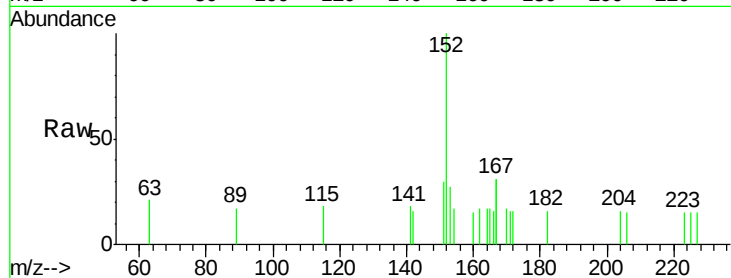
SSTDIC0.1

Tot Ion:152 Resp: 697

Ion Ratio Lower Upper

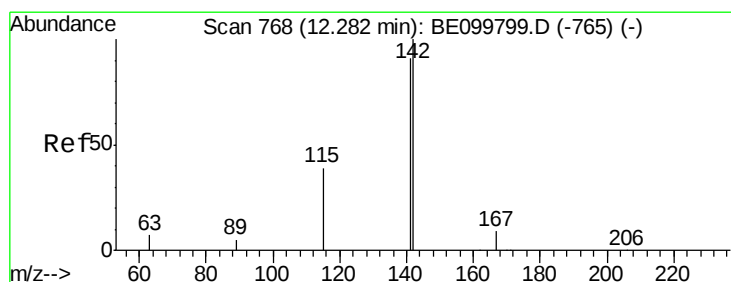
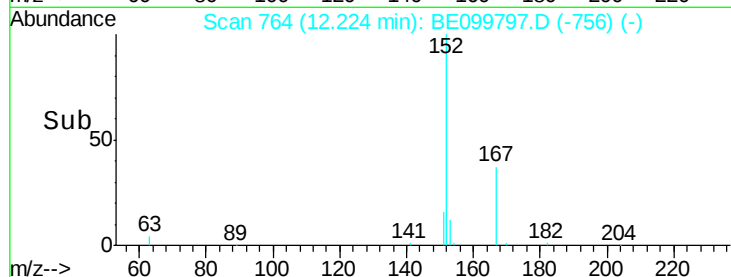
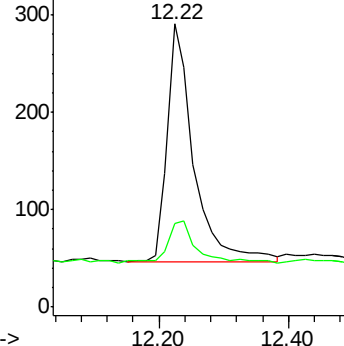
152 100

151 19.8 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: 0.088 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

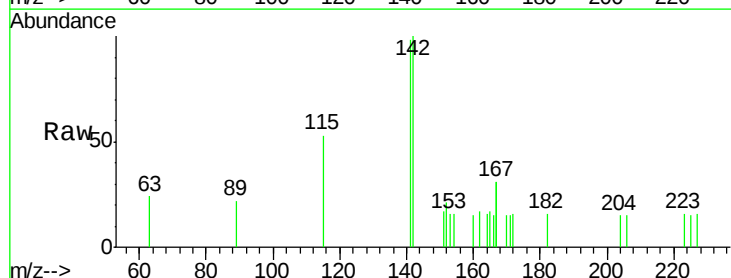
Tgt Ion:142 Resp: 652

Ion Ratio Lower Upper

142 100

141 98.0 73.3 109.9

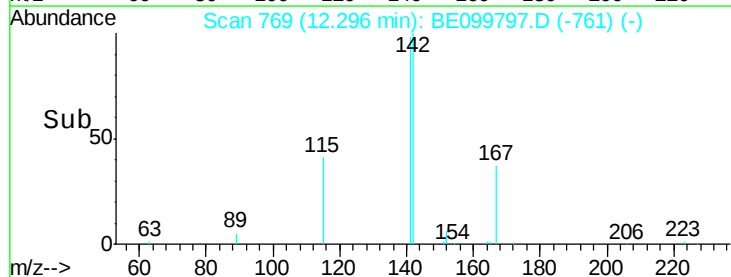
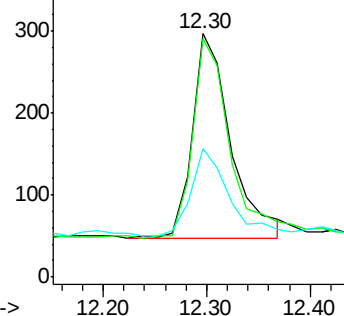
115 52.5 33.4 50.2#

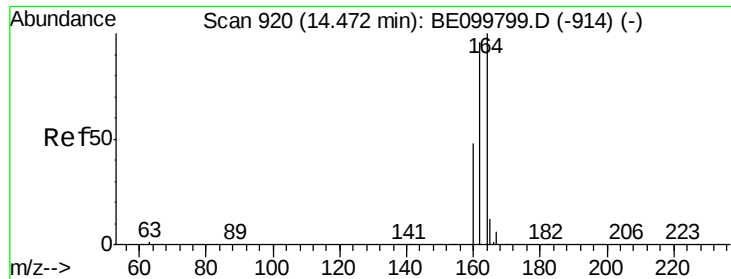


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

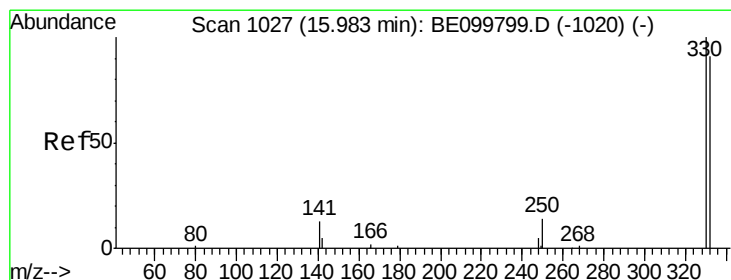
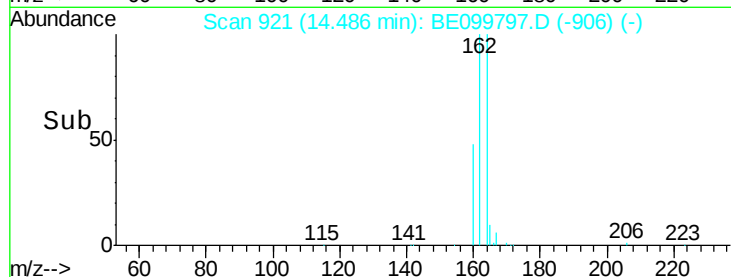
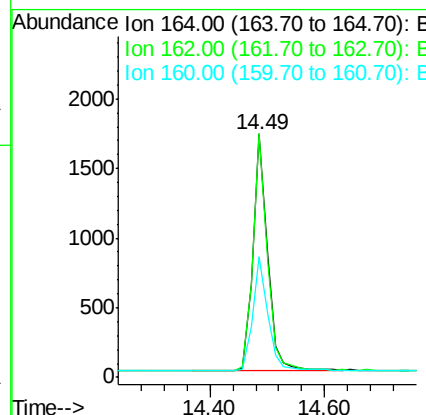
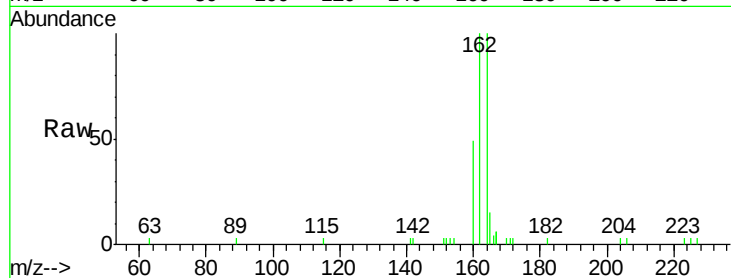




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099797.D
 Acq: 5 Jun 2019 9:13

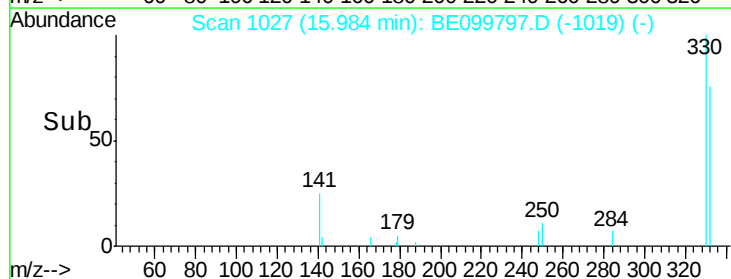
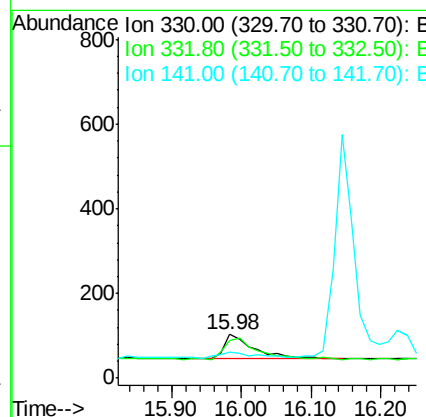
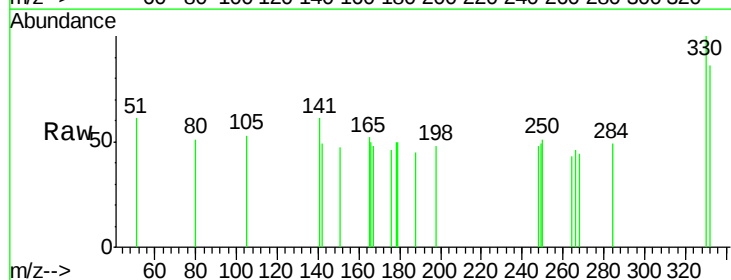
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

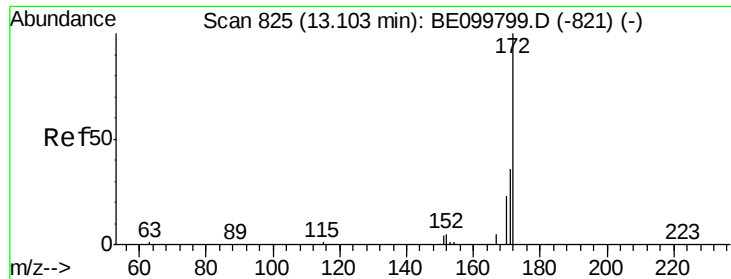
Tot Ion:164 Resp: 3032
 Ion Ratio Lower Upper
 164 100
 162 99.9 77.2 115.8
 160 49.5 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.095 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099797.D
 Acq: 5 Jun 2019 9:13

Tgt Ion:330 Resp: 171
 Ion Ratio Lower Upper
 330 100
 332 87.7 72.9 109.3
 141 32.2 15.6 23.4#

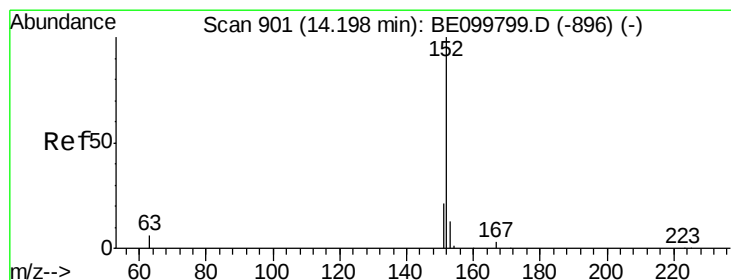
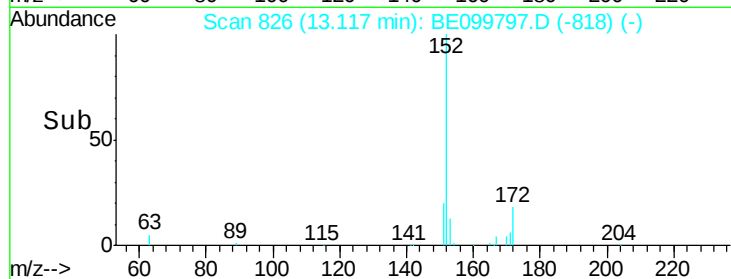
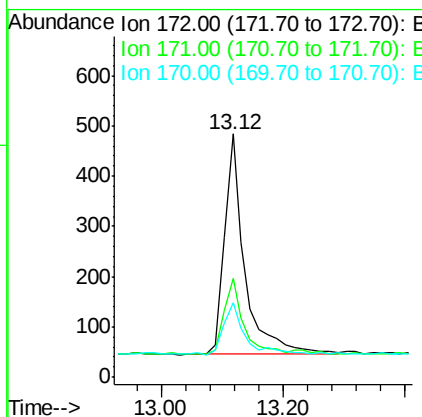
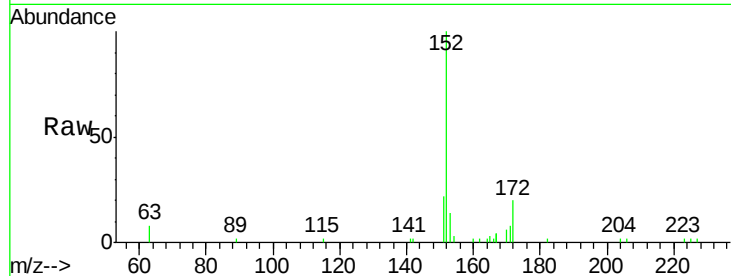




#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

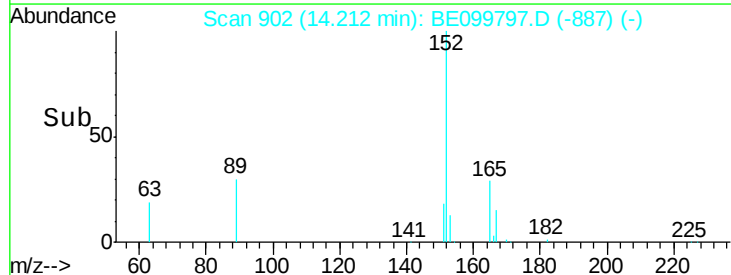
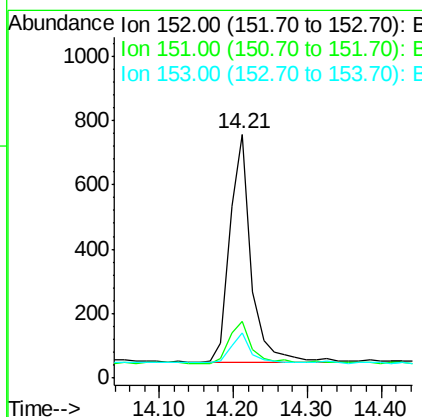
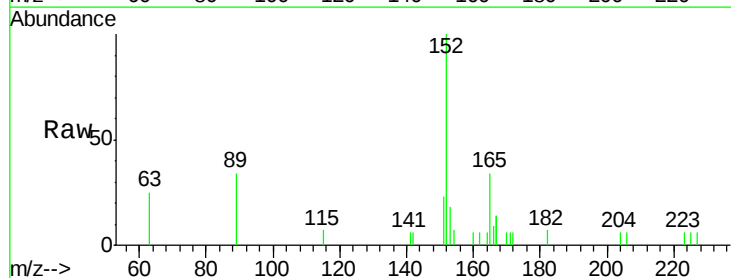
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

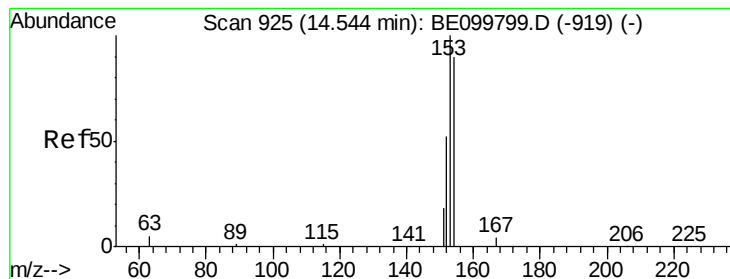
Tot Ion:172 Resp: 1021
Ion Ratio Lower Upper
172 100
171 40.7 30.2 45.4
170 30.6 20.1 30.1#



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:152 Resp: 1416
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.4 10.8 16.2





#17

Acenaphthene

Concen: 0.093 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

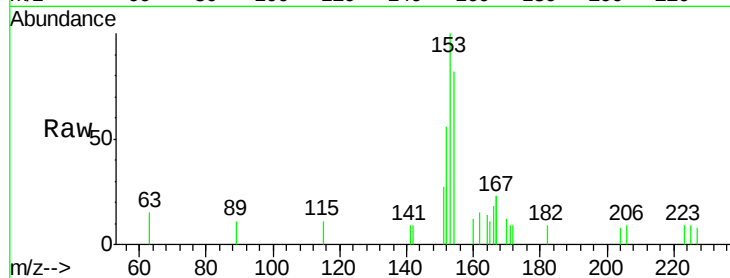
Tot Ion:154 Resp: 736

Ion Ratio Lower Upper

154 100

153 116.2 92.8 139.2

152 61.3 47.7 71.5



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

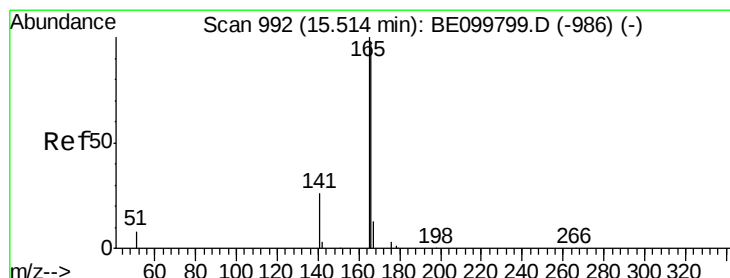
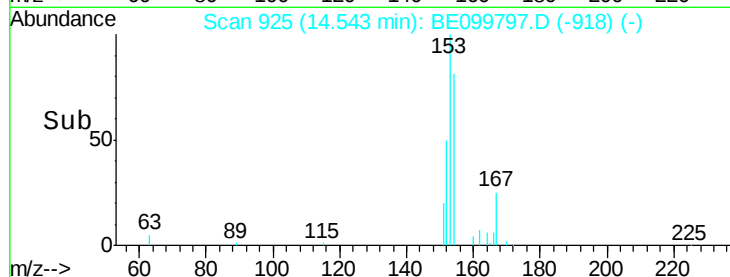
14.54

400

200

0

Time--> 14.45 14.50 14.55 14.60



#18

Fluorene

Concen: 0.097 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

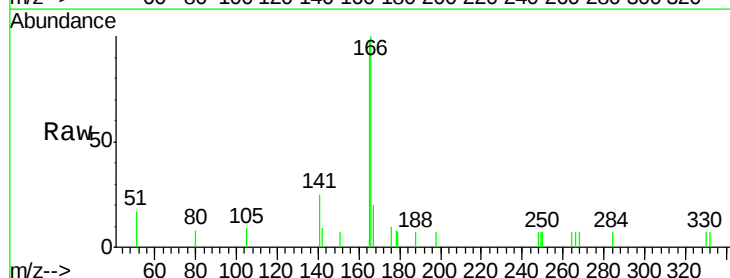
Tgt Ion:166 Resp: 1134

Ion Ratio Lower Upper

166 100

165 98.8 80.4 120.6

167 16.8 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

15.53

800

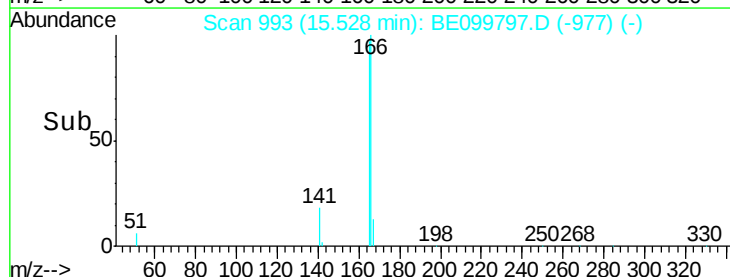
600

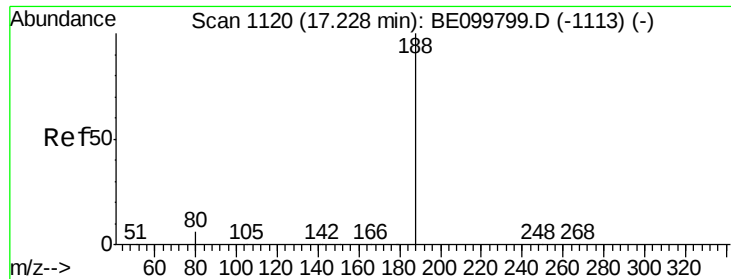
400

200

0

Time--> 15.40 15.50 15.60 15.70





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

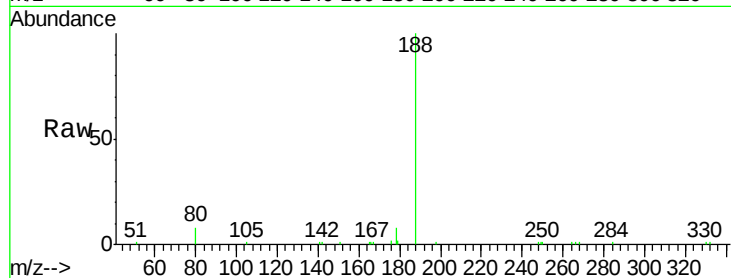
Tot Ion:188 Resp: 10360

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

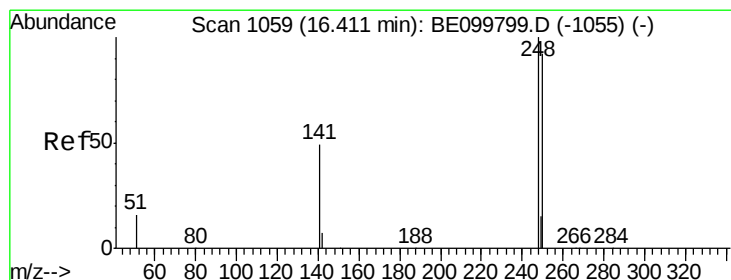
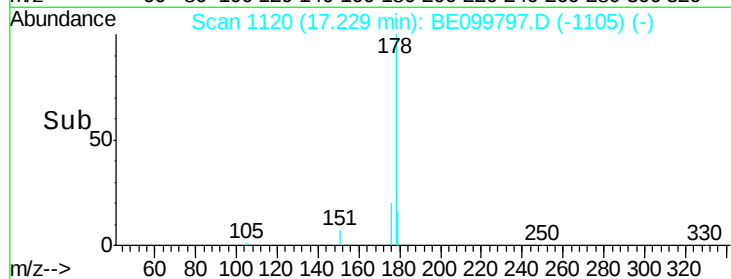
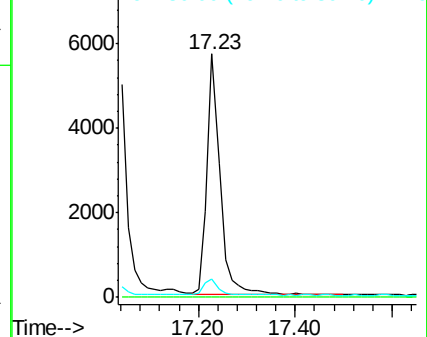
80 7.6 5.2 7.8



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: 0.081 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

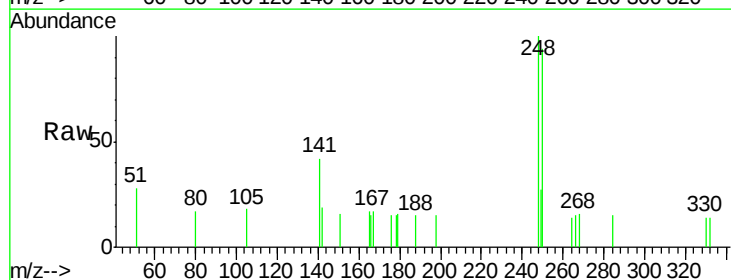
Tgt Ion:248 Resp: 482

Ion Ratio Lower Upper

248 100

250 94.1 73.7 110.5

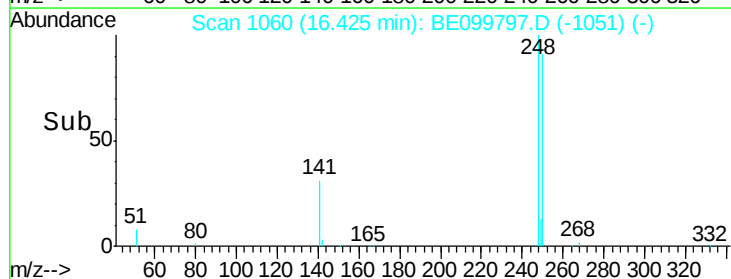
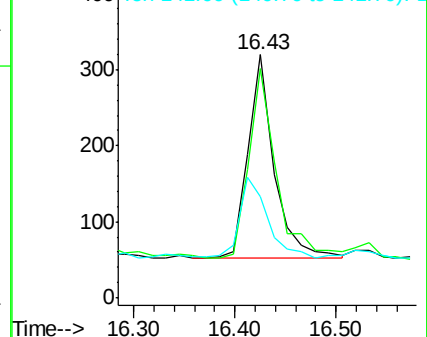
141 41.9 40.9 61.3

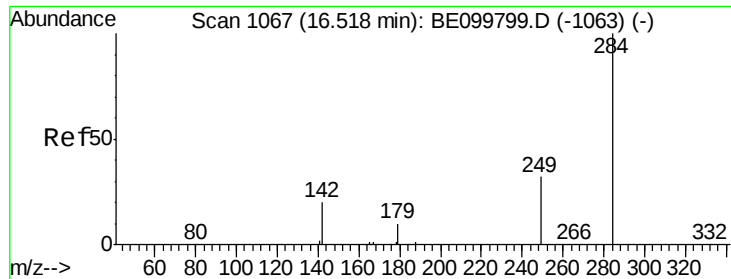


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

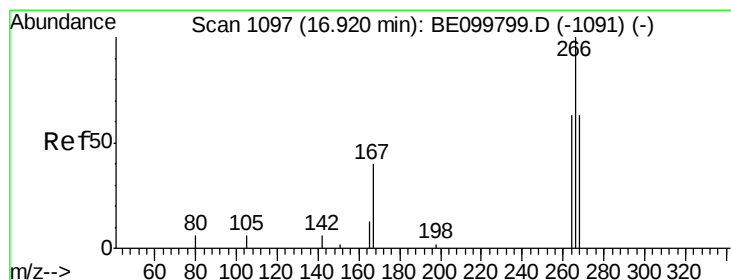
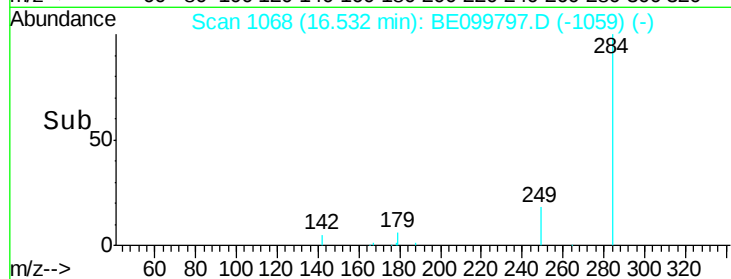
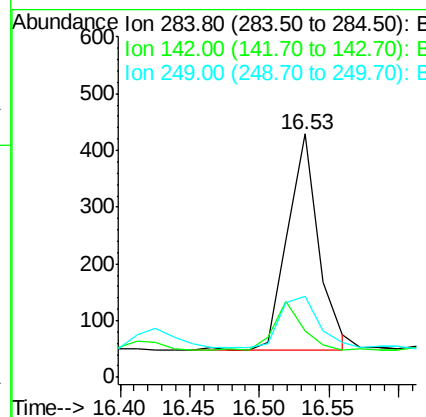
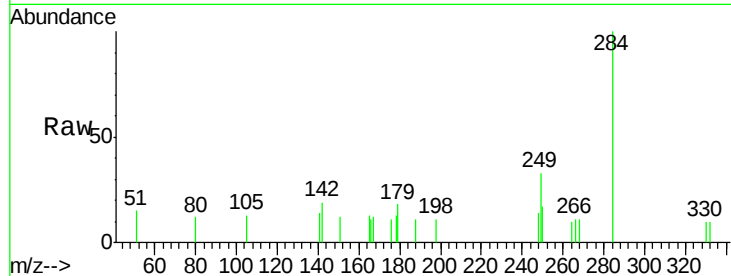




#21
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

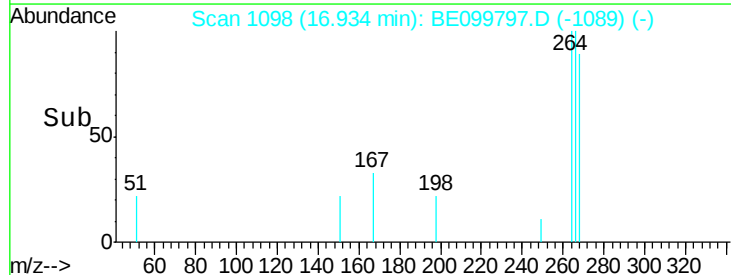
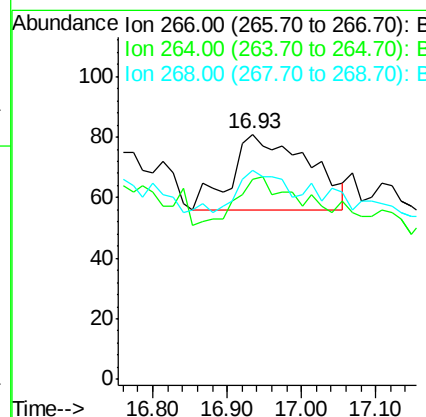
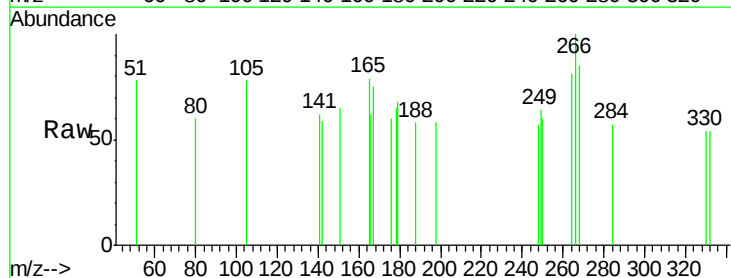
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

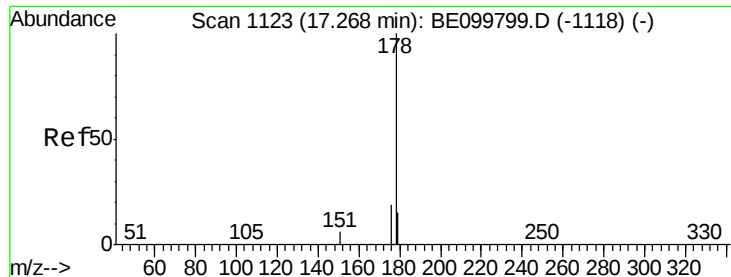
Tot Ion	Ratio	Lower	Upper
284	100		
142	21.1	16.2	24.4
249	29.6	23.0	34.6



#22
Pentachlorophenol
Concen: 0.101 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	81.5	64.9	97.3
268	85.2	64.0	96.0

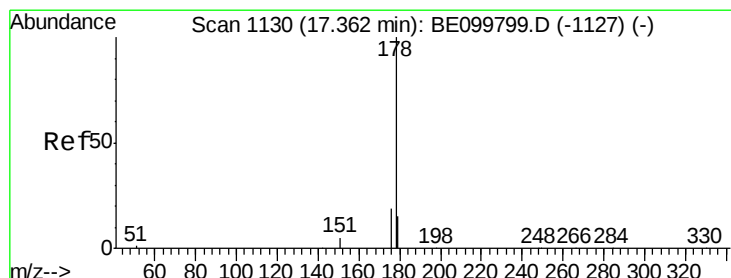
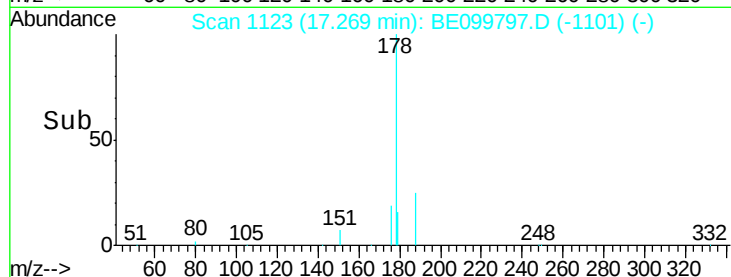
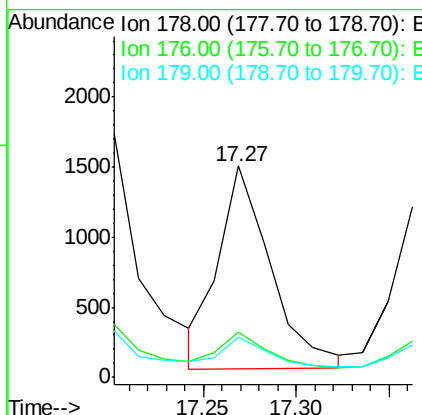
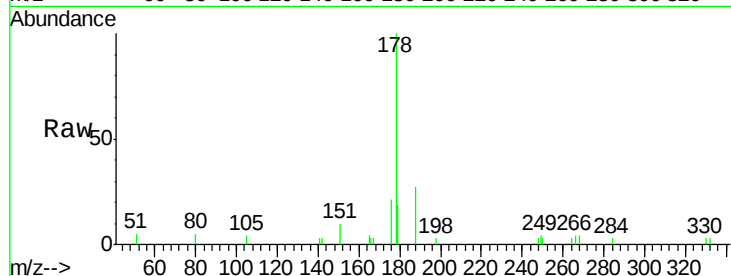




#23
Phenanthrene
Concen: 0.112 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

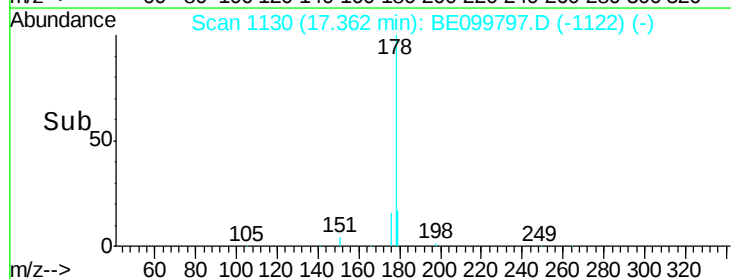
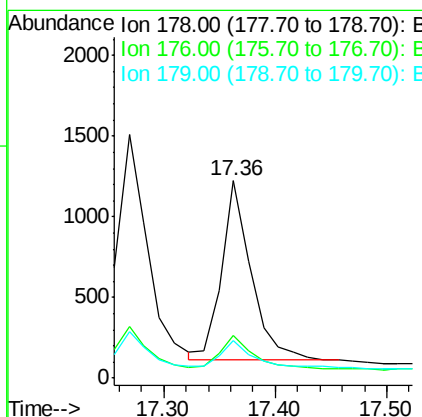
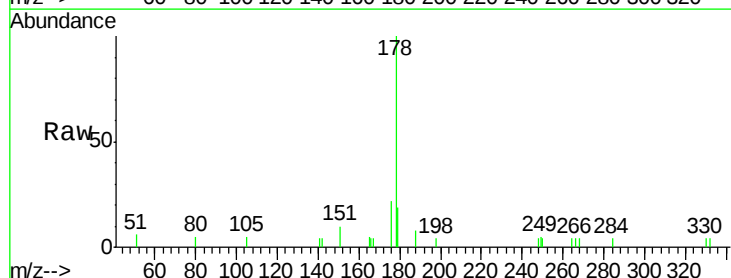
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

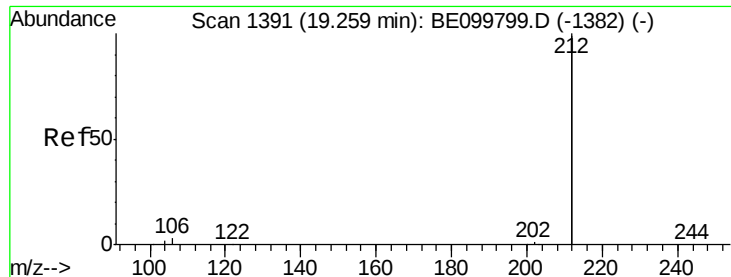
Tot Ion:178 Resp: 2835
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.9 12.5 18.7



#24
Anthracene
Concen: 0.091 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:178 Resp: 2079
Ion Ratio Lower Upper
178 100
176 20.3 15.1 22.7
179 16.2 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.05 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

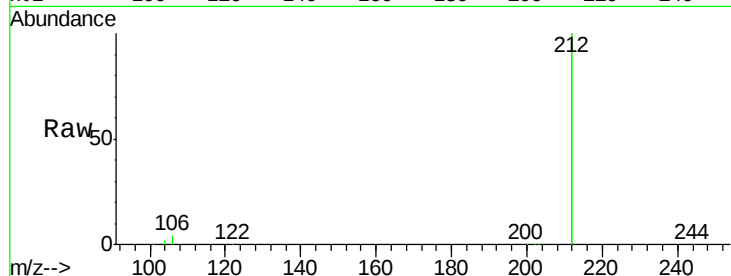
Tot Ion:212 Resp: 58271

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

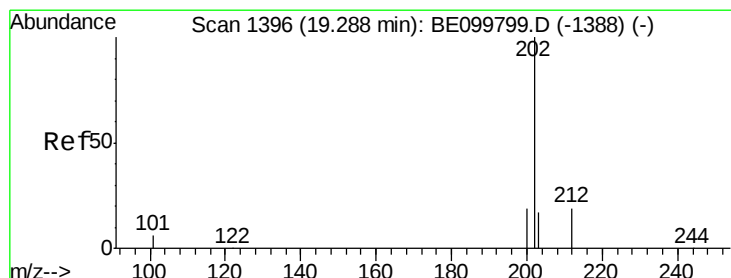
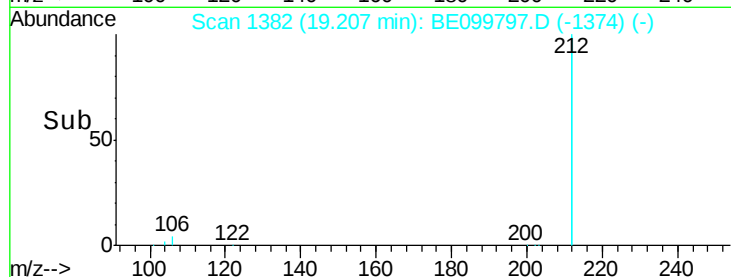
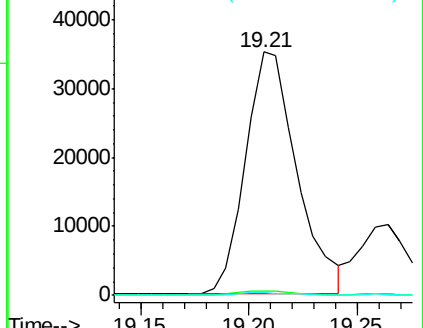
104 0.9 0.8 1.2



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: 0.132 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

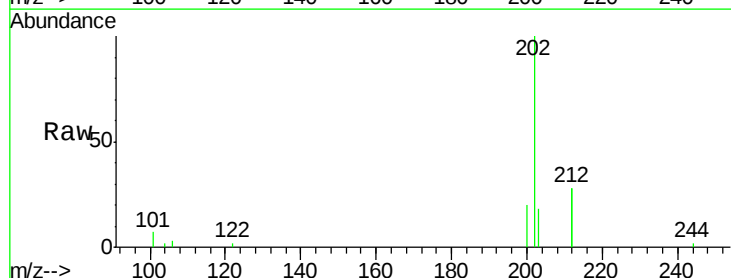
Tgt Ion:202 Resp: 5284

Ion Ratio Lower Upper

202 100

101 5.6 5.2 7.8

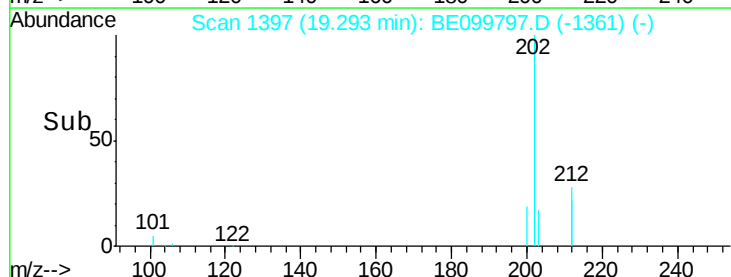
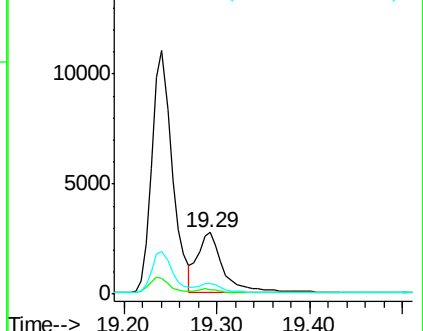
203 15.6 13.6 20.4

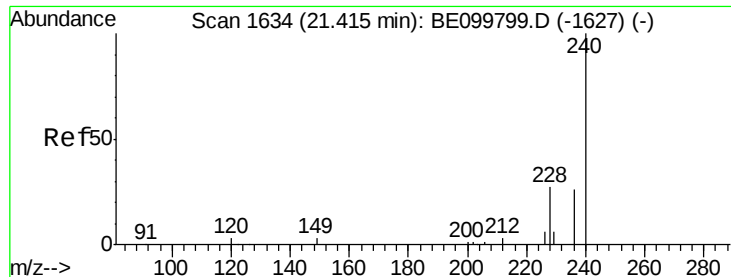


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

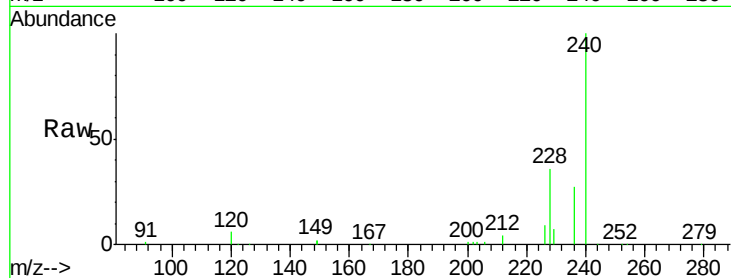
Tot Ion:240 Resp: 37316

Ion Ratio Lower Upper

240 100

120 6.1 2.8 4.2#

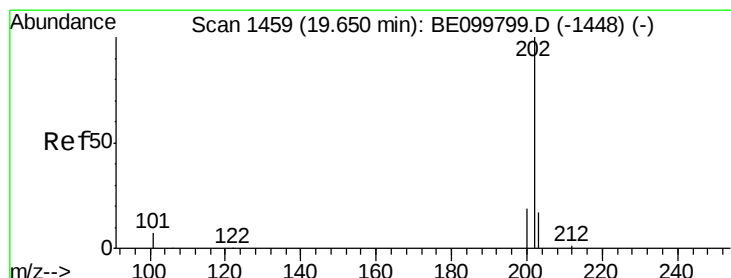
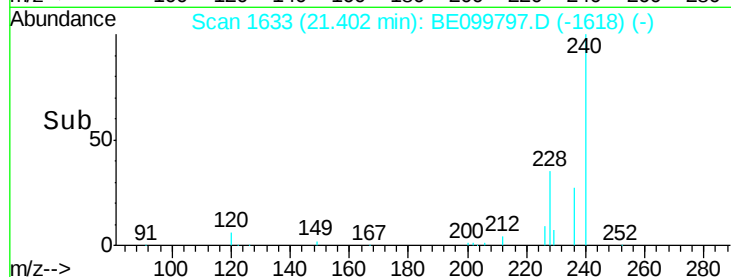
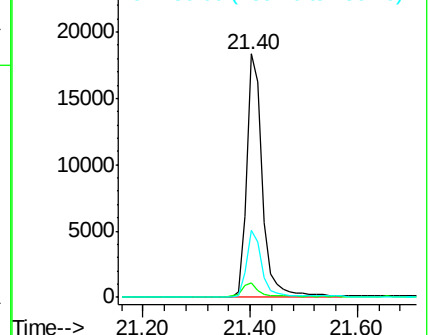
236 27.5 20.9 31.3



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: 0.186 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

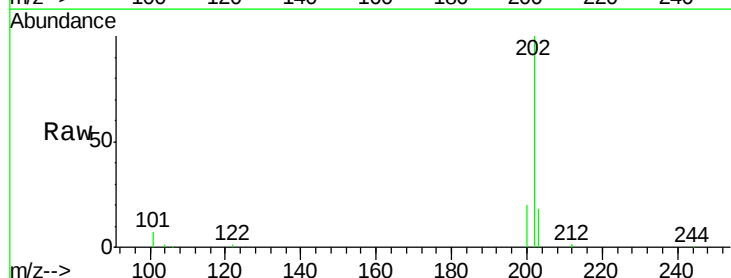
Tgt Ion:202 Resp: 17457

Ion Ratio Lower Upper

202 100

200 19.8 15.6 23.4

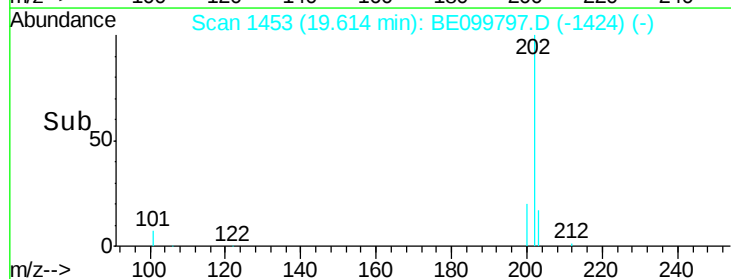
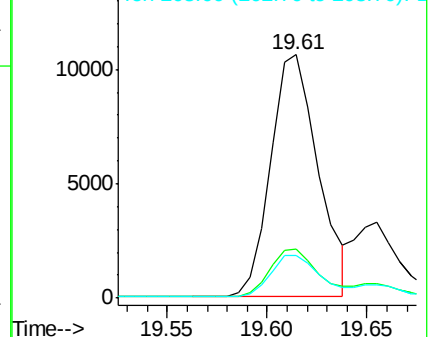
203 17.5 14.1 21.1

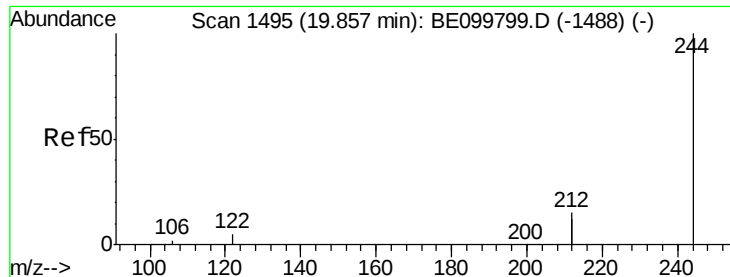


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.234 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.02 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

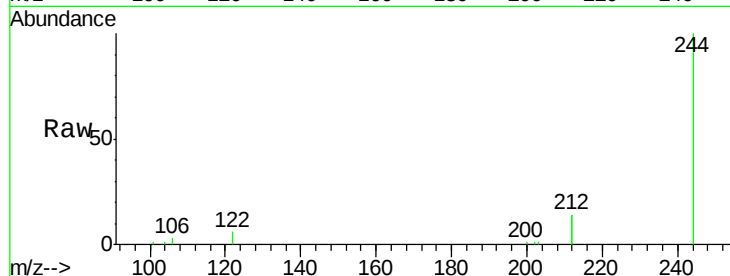
Tot Ion:244 Resp: 15607

Ion Ratio Lower Upper

244 100

212 28.4 23.7 35.5

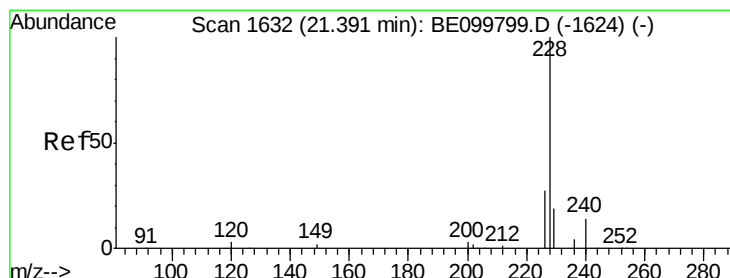
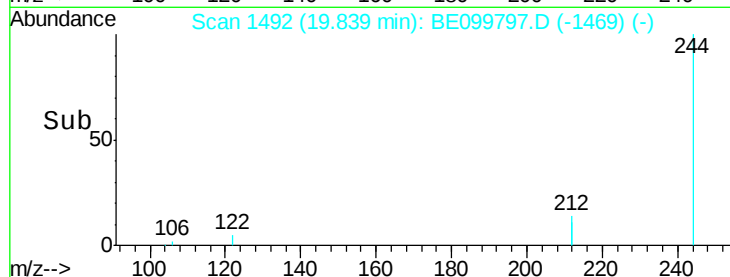
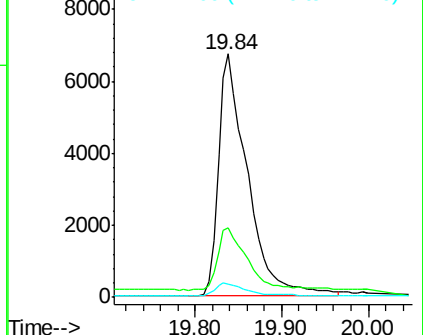
122 5.5 4.8 7.2



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: 0.243 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

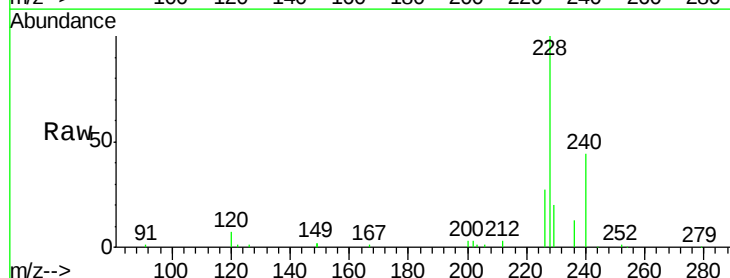
Tgt Ion:228 Resp: 25812

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

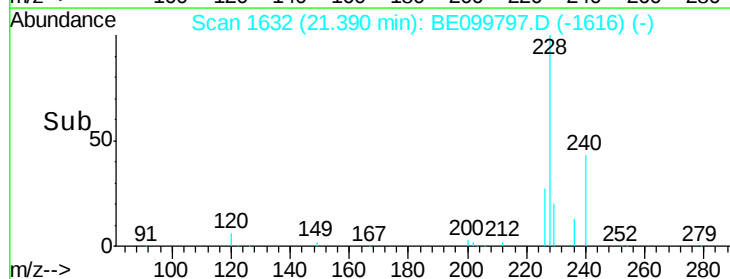
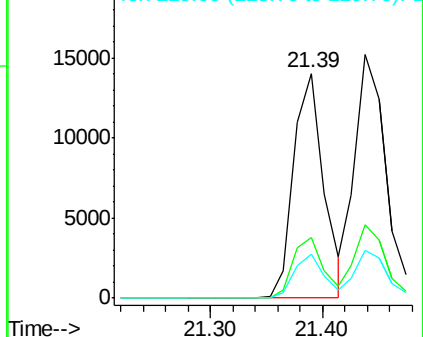
229 19.8 15.8 23.6

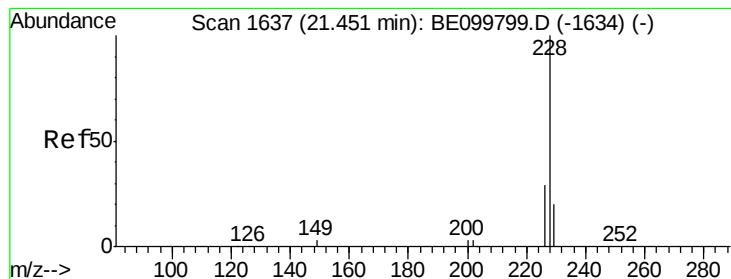


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

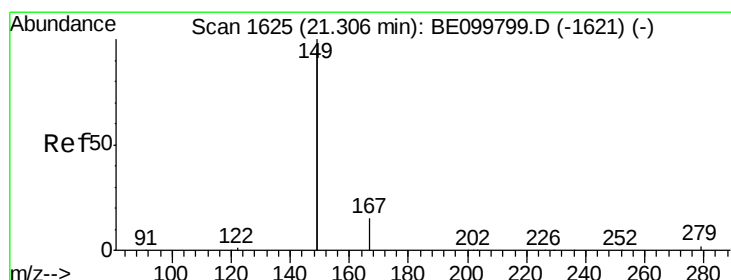
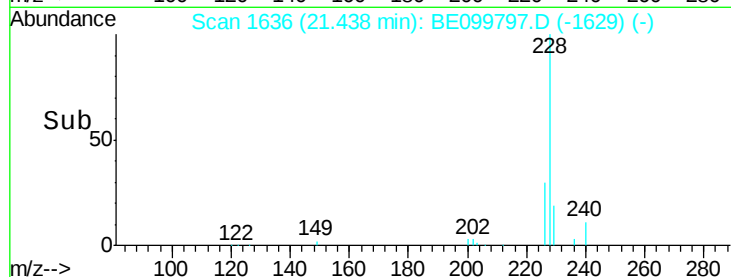
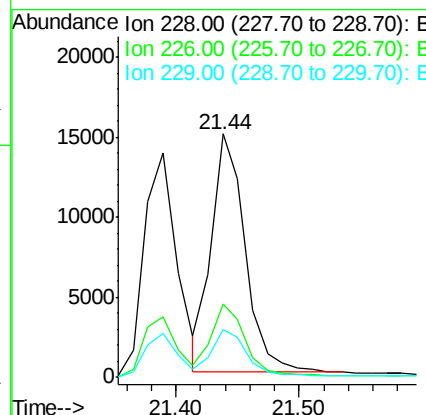
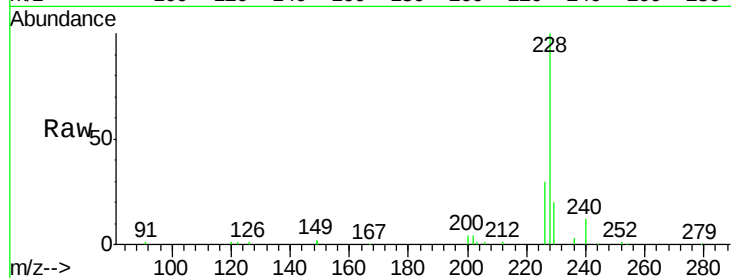




#31
Chrysene
Concen: 0.251 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

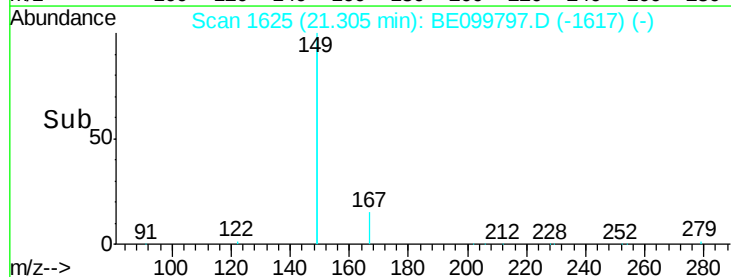
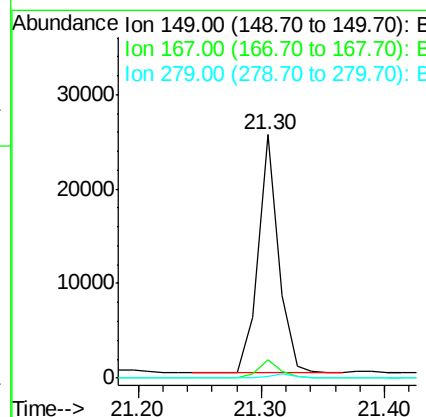
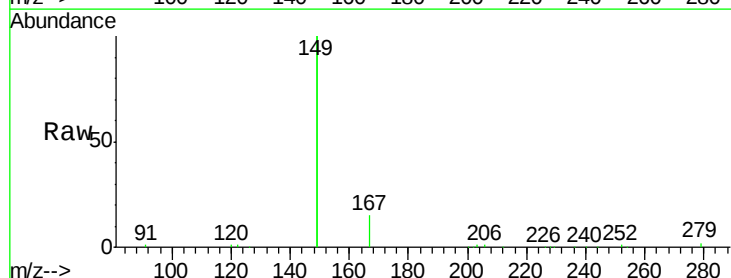
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

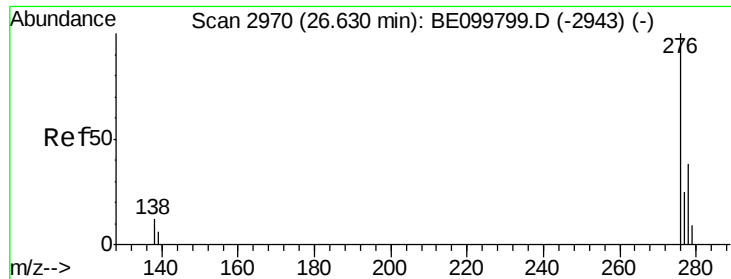
Tot Ion:228 Resp: 28410
Ion Ratio Lower Upper
228 100
226 29.9 22.9 34.3
229 19.5 16.4 24.6



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.240 ng
RT: 21.30 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:149 Resp: 29340
Ion Ratio Lower Upper
149 100
167 7.6 6.0 9.0
279 1.4 1.2 1.8

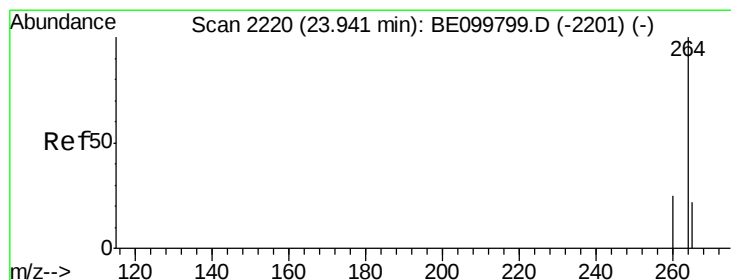
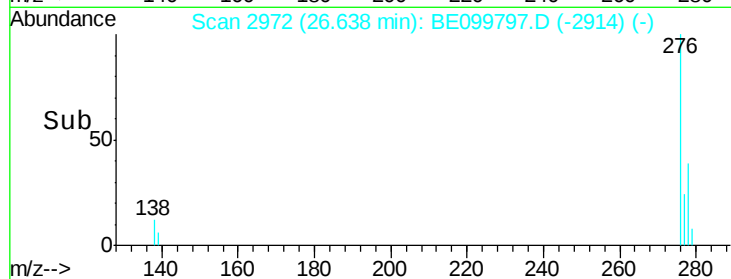
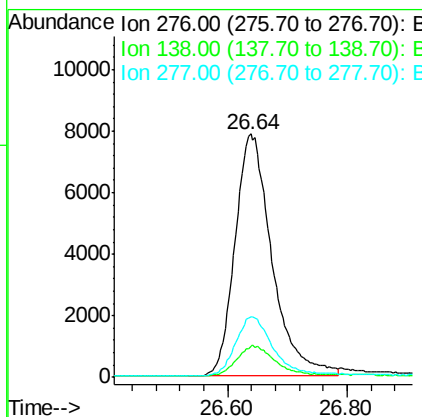
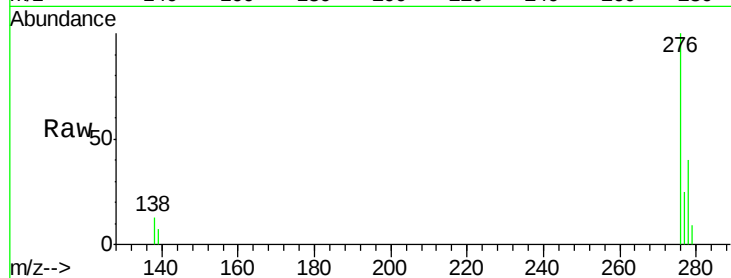




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.247 ng
 RT: 26.64 min Scan# 2972
 Delta R.T. 0.01 min
 Lab File: BE099797.D
 Acq: 5 Jun 2019 9:13

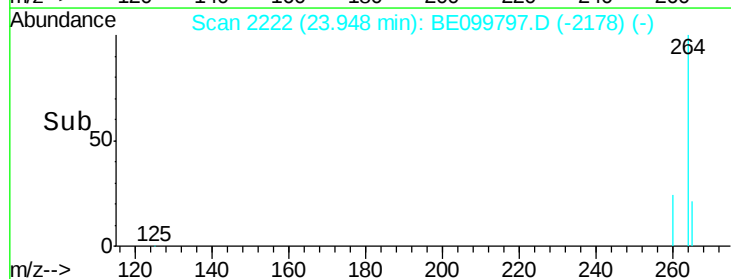
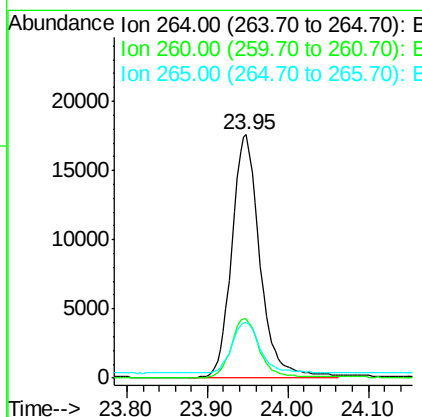
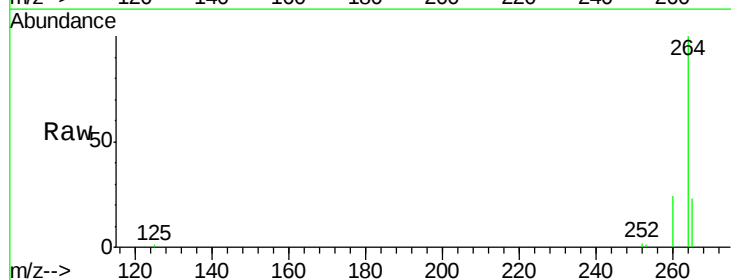
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

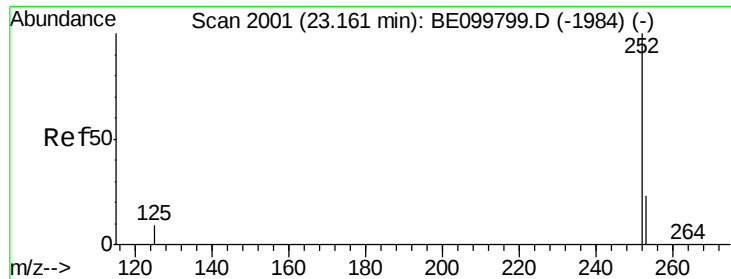
Tot Ion:276 Resp: 33804
 Ion Ratio Lower Upper
 276 100
 138 12.4 10.3 15.5
 277 24.7 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BE099797.D
 Acq: 5 Jun 2019 9:13

Tgt Ion:264 Resp: 42239
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 22.8 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.245 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

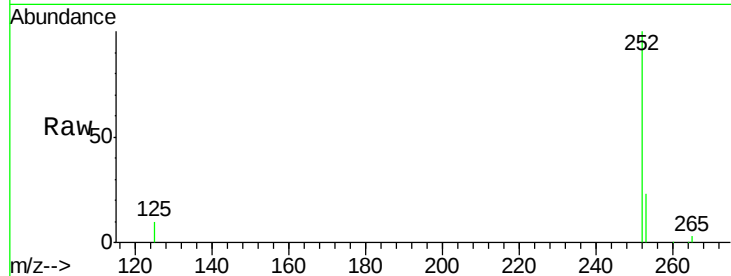
Tot Ion:252 Resp: 28373

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

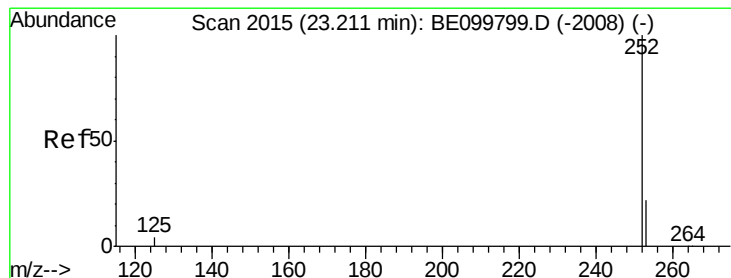
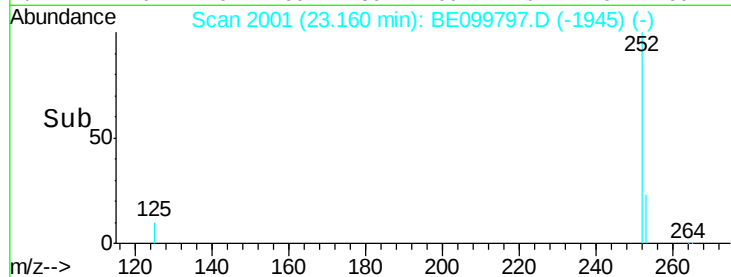
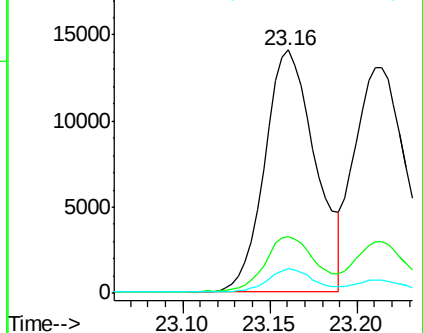
125 10.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.237 ng

RT: 23.21 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

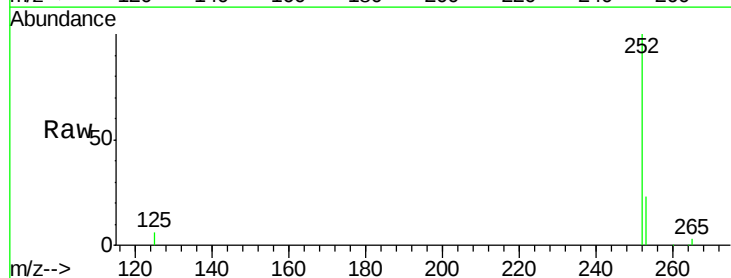
Tgt Ion:252 Resp: 28536

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

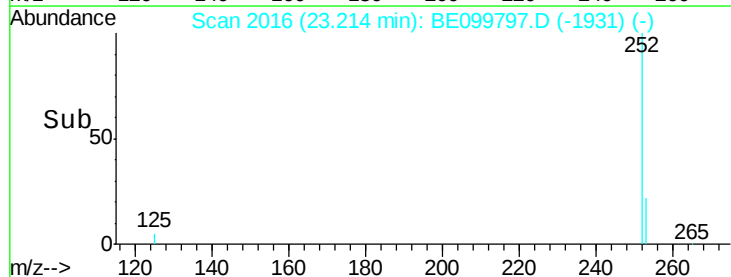
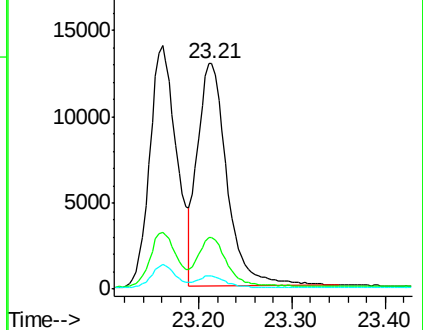
125 5.9 4.6 7.0

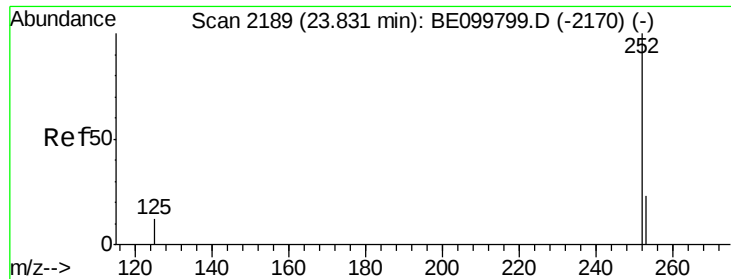


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.241 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

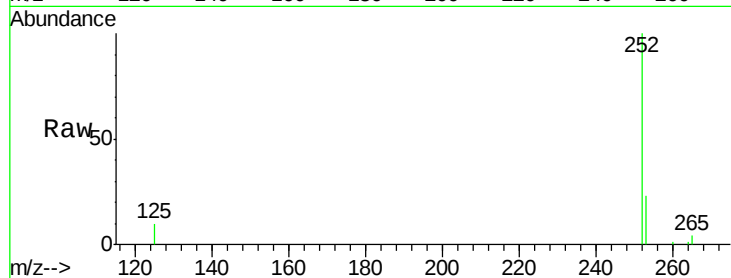
Tot Ion:252 Resp: 26825

Ion Ratio Lower Upper

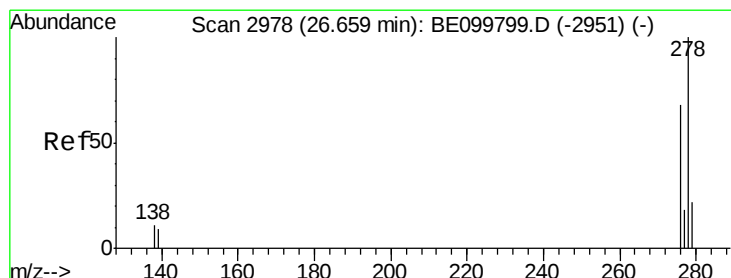
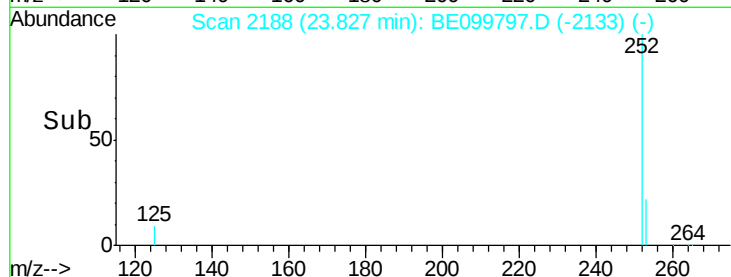
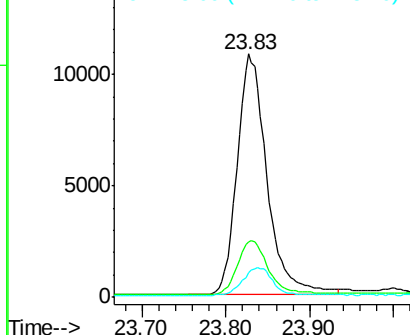
252 100

253 22.7 19.3 28.9

125 10.2 10.2 15.4#



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: 0.234 ng

RT: 26.66 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

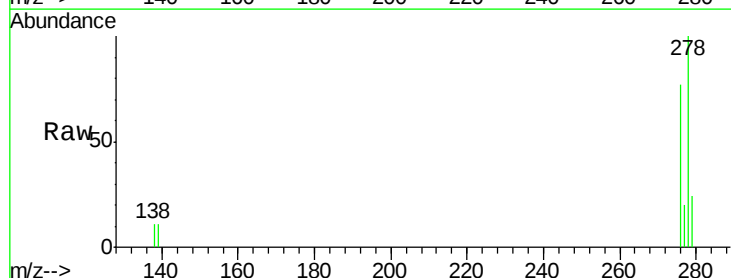
Tgt Ion:278 Resp: 27418

Ion Ratio Lower Upper

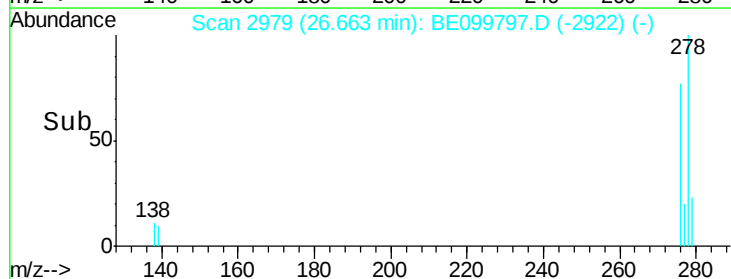
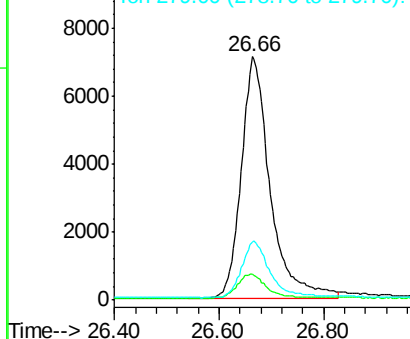
278 100

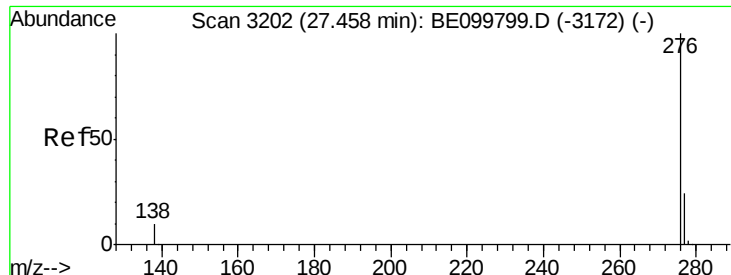
139 10.5 7.9 11.9

279 24.0 18.5 27.7



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: 0.240 ng

RT: 27.47 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BE099797.D

Acq: 5 Jun 2019 9:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

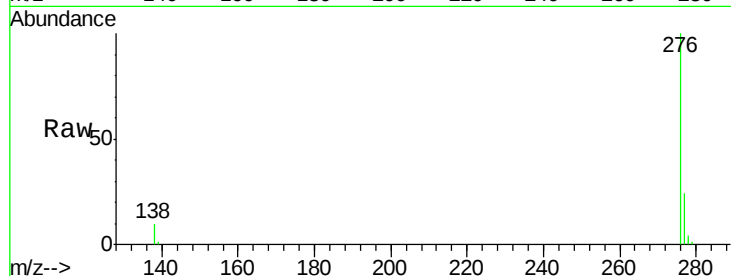
Tot Ion: 276 Resp: 28323

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 10.1 9.0 13.4



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

