

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
 Data File : BE099076.D
 Acq On : 22 Mar 2019 11:26
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Mar 22 13:36:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 13:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3112	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	11859	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	7846	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	23568	0.40	ng	0.00
27) Chrysene-d12	21.39	240	31222	0.40	ng	0.00
34) Perylene-d12	23.90	264	31823	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1993	0.21	ng	0.00
5) Phenol-d6	6.99	99	2824	0.21	ng	0.00
8) Nitrobenzene-d5	8.99	82	977	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	4470	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	421	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6658	0.20	ng	0.00
25) Fluoranthene-d10	19.24	212	67095	0.18	ng	0.00
29) Terphenyl-d14	19.85	244	13754	0.18	ng	0.00

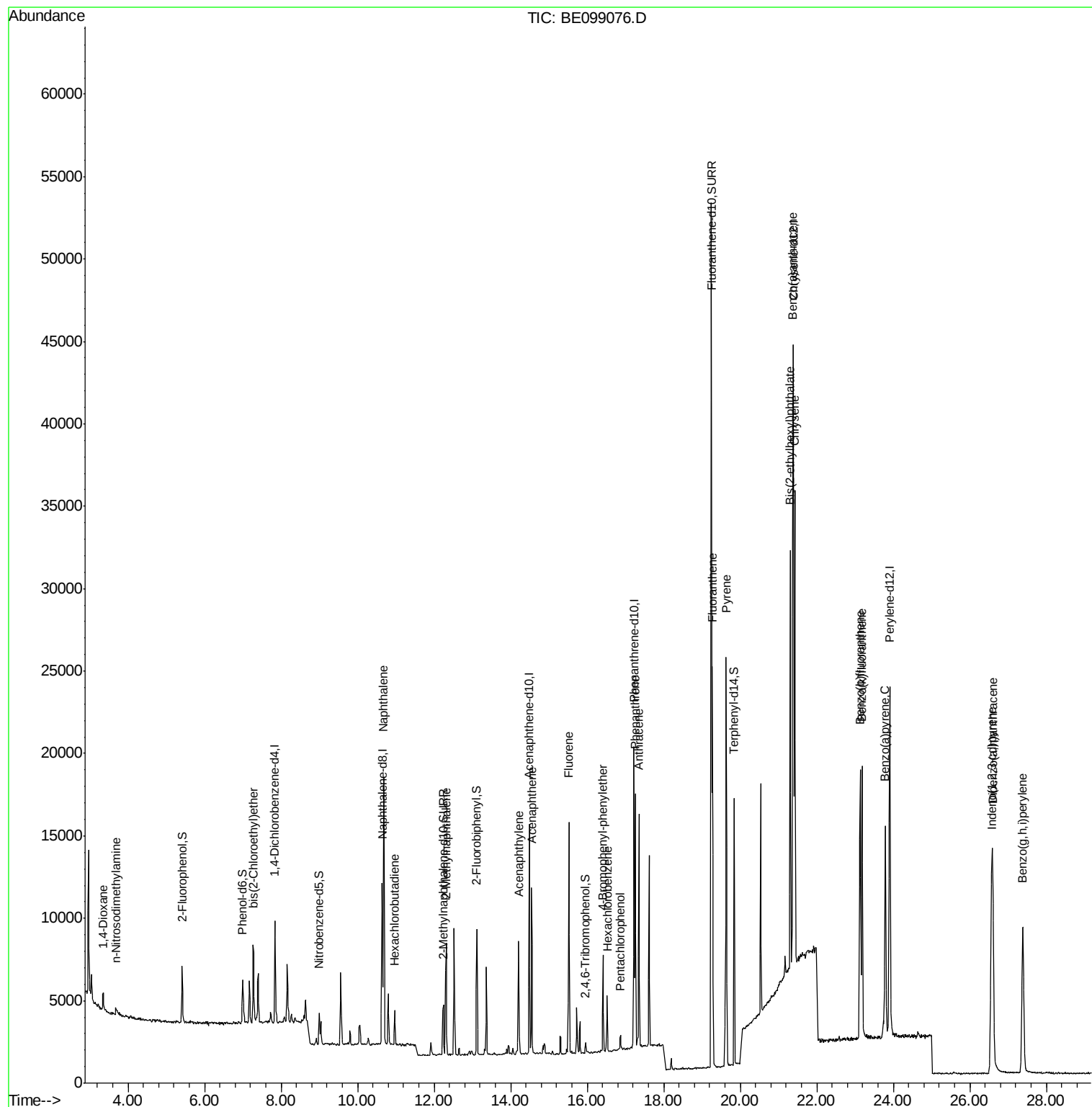
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	909	0.148	ng	# 83
3) n-Nitrosodimethylamine	3.68	42	400	0.051	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	2058	0.203	ng	91
9) Naphthalene	10.68	128	29362	0.216	ng	99
10) Hexachlorobutadiene	10.96	225	1468	0.163	ng	96
12) 2-Methylnaphthalene	12.31	142	4971	0.226	ng	97
16) Acenaphthylene	14.21	152	8801	0.218	ng	100
17) Acenaphthene	14.54	154	5239	0.219	ng	100
18) Fluorene	15.51	166	7763	0.225	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2797	0.219	ng	99
21) Hexachlorobenzene	16.52	284	2585	0.170	ng	96
22) Pentachlorophenol	16.87	266	620	0.201	ng	92
23) Phenanthrene	17.25	178	15125	0.226	ng	99
24) Anthracene	17.35	178	13864	0.242	ng	99
26) Fluoranthene	19.27	202	21355	0.226	ng	99
28) Pyrene	19.63	202	22533	0.236	ng	99
30) Benzo(a)anthracene	21.38	228	23486	0.241	ng	98
31) Chrysene	21.43	228	23893	0.229	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	28767	0.139	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.56	276	25454	0.231	ng	99
35) Benzo(b)fluoranthene	23.13	252	23352	0.223	ng	96
36) Benzo(k)fluoranthene	23.18	252	22761	0.208	ng	97
37) Benzo(a)pyrene	23.79	252	21458	0.214	ng	97
38) Dibenzo(a,h)anthracene	26.59	278	20211	0.213	ng	96
39) Benzo(g,h,i)perylene	27.39	276	21520	0.217	ng	98

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

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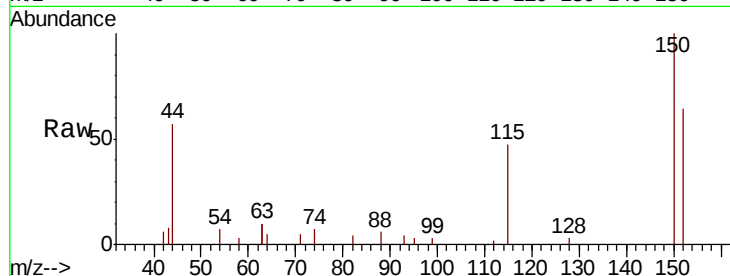


#1

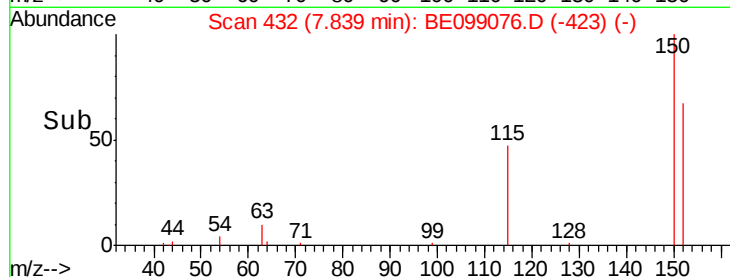
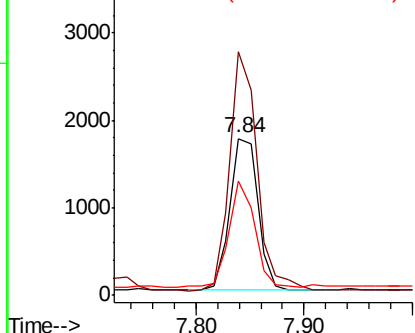
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 3112
Ion Ratio Lower Upper
152 100
150 155.1 119.7 179.5
115 72.5 56.5 84.7



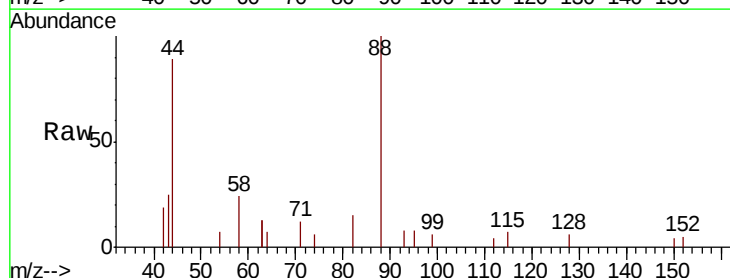
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



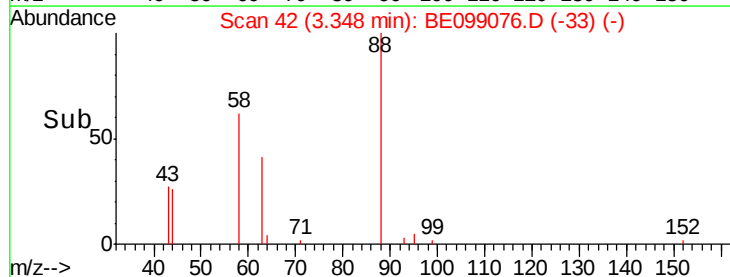
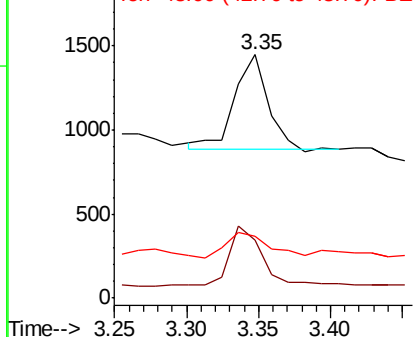
#2

1,4-Dioxane
Concen: 0.148 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion: 88 Resp: 909
Ion Ratio Lower Upper
88 100
58 64.5 45.5 68.3
43 35.1 14.9 22.3#



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: 0.051 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

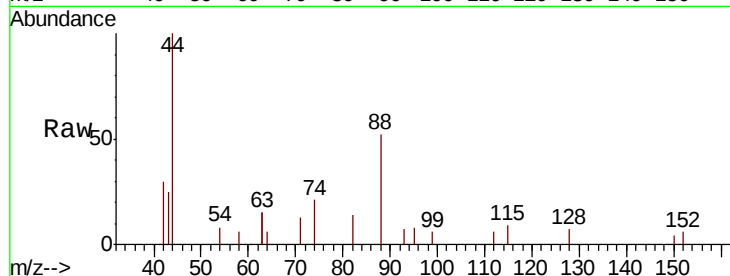
Tot Ion: 42 Resp: 400

Ion Ratio Lower Upper

42 100

74 152.8 0.0 0.0#

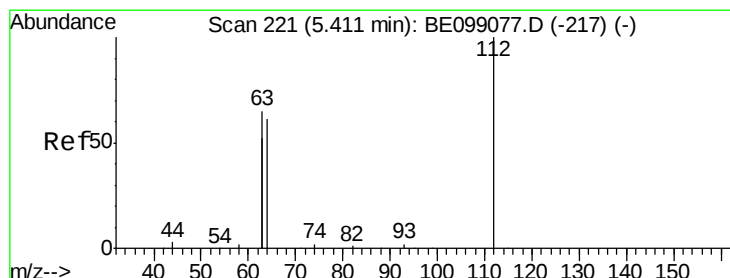
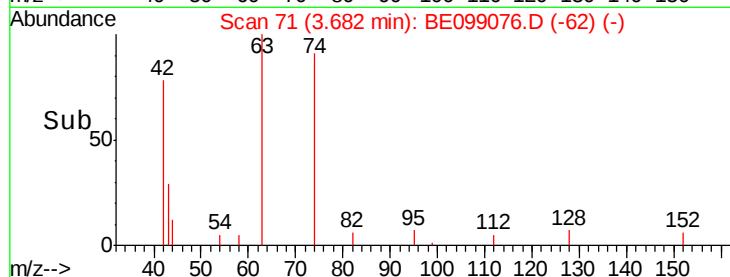
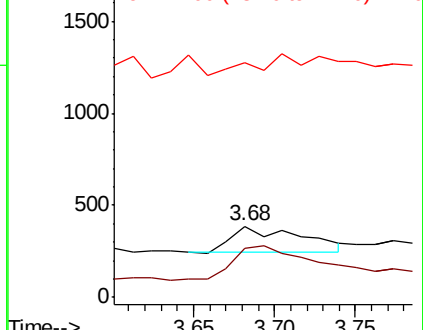
44 0.0 0.0 0.0



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: 0.214 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

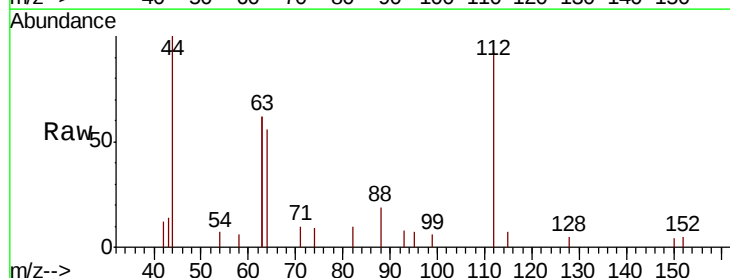
Tgt Ion: 112 Resp: 1993

Ion Ratio Lower Upper

112 100

64 59.0 44.8 67.2

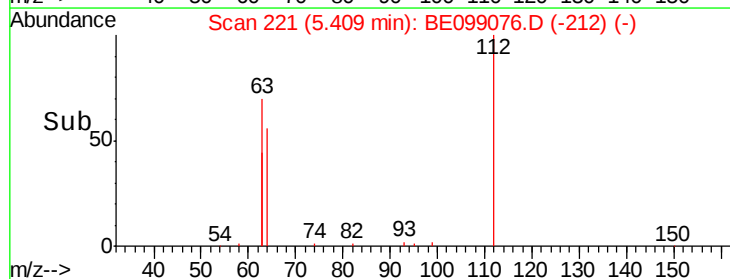
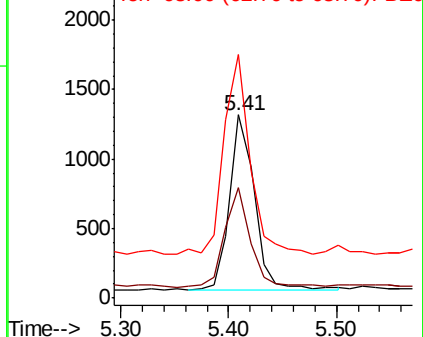
63 121.9 88.2 132.2

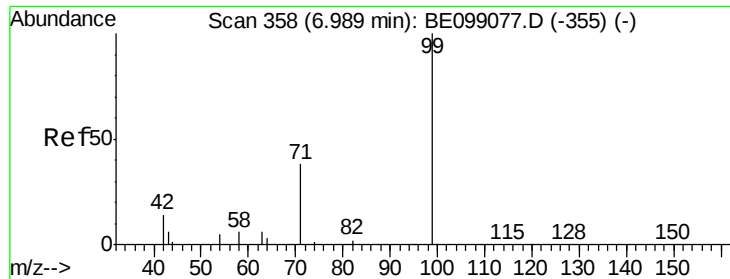


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.215 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

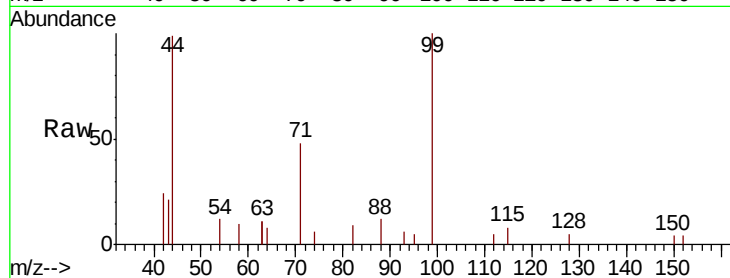
Tot Ion: 99 Resp: 2824

Ion Ratio Lower Upper

99 100

42 16.5 11.8 17.8

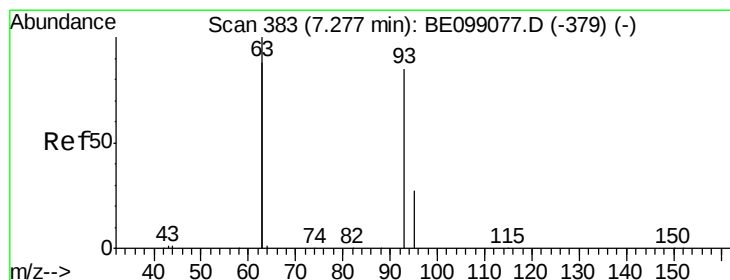
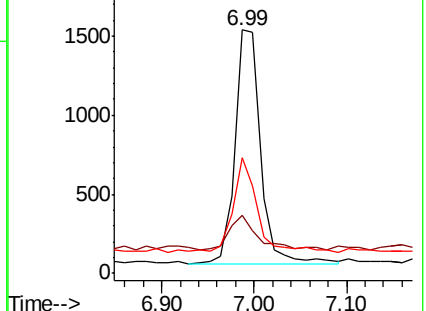
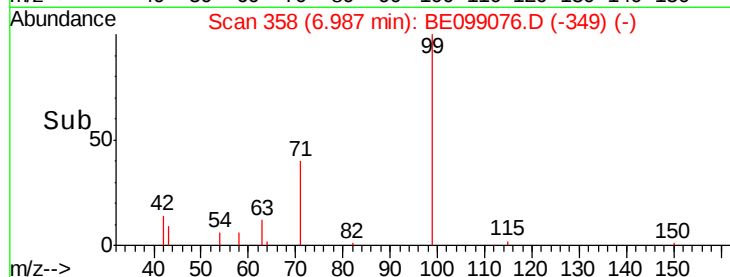
71 40.8 27.4 41.2



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: 0.203 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

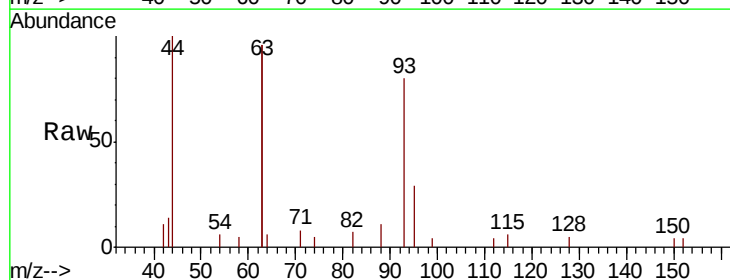
Tgt Ion: 93 Resp: 2058

Ion Ratio Lower Upper

93 100

63 307.5 230.3 345.5

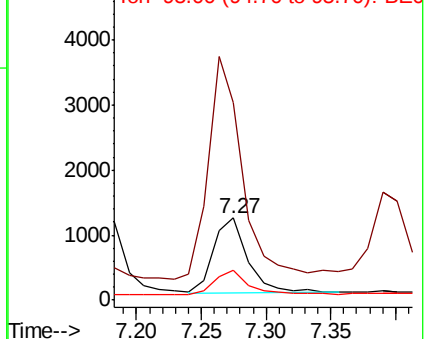
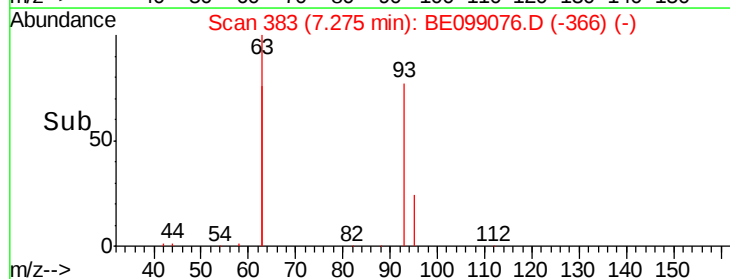
95 34.5 27.4 41.2

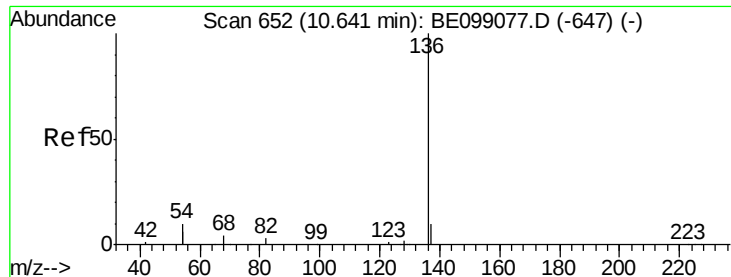


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 11859

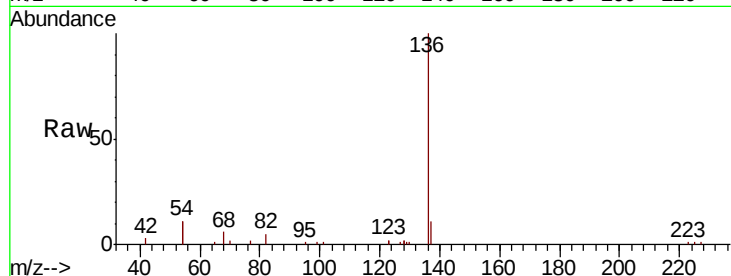
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 22.1 15.7 23.5

68 6.3 4.3 6.5

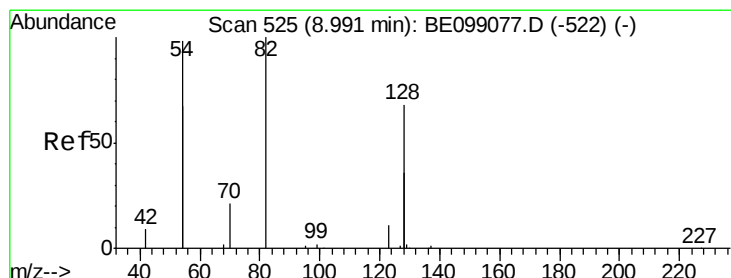
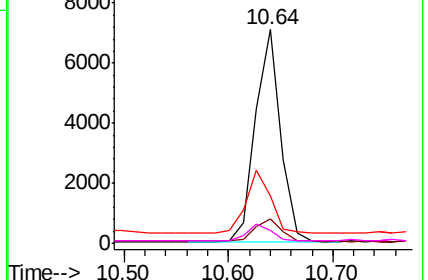
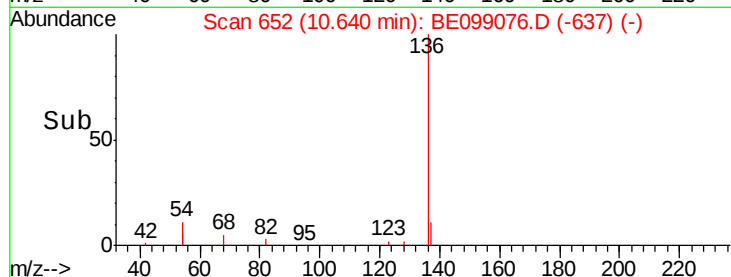


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.079 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

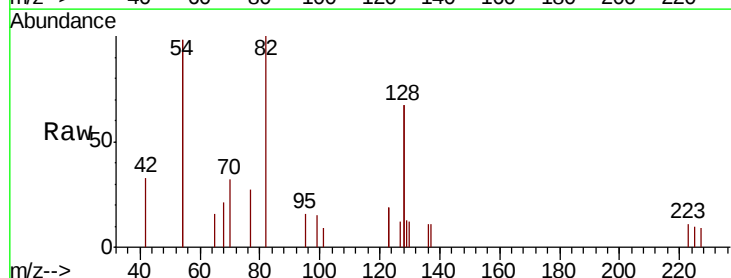
Tgt Ion: 82 Resp: 977

Ion Ratio Lower Upper

82 100

128 134.1 98.8 148.2

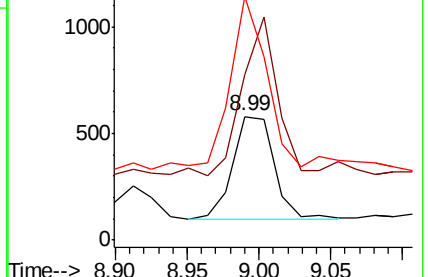
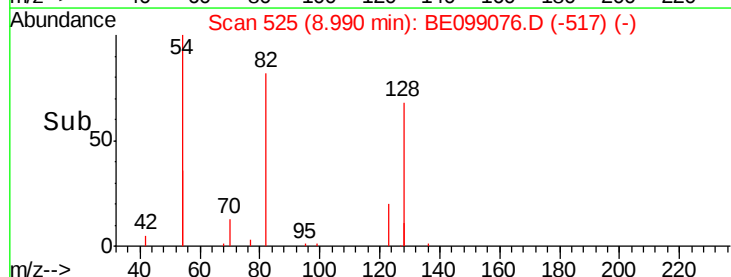
54 196.9 143.7 215.5

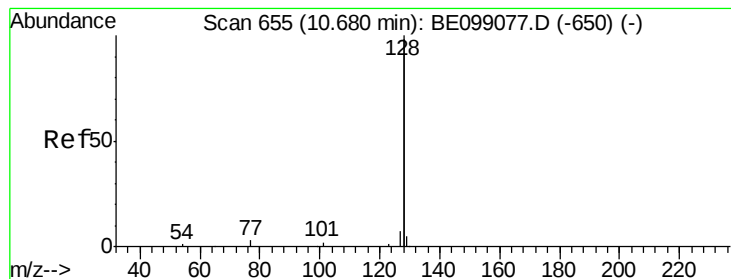


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.216 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

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ClientSampleId :

SSTDIC0.2

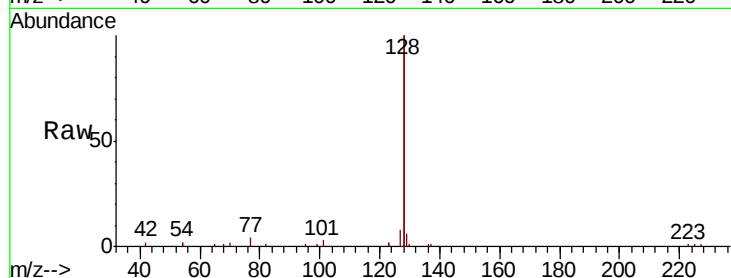
Tot Ion:128 Resp: 29362

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

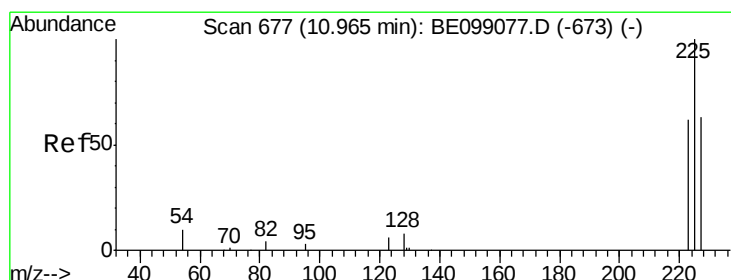
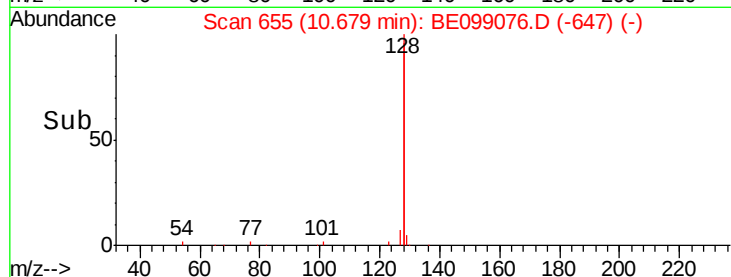
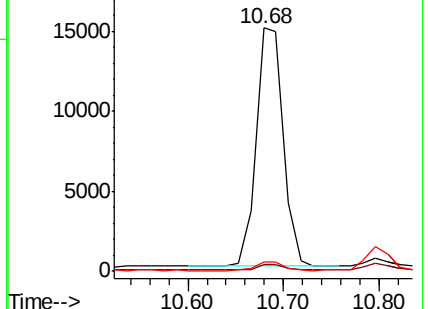
127 3.9 2.8 4.2



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: 0.163 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

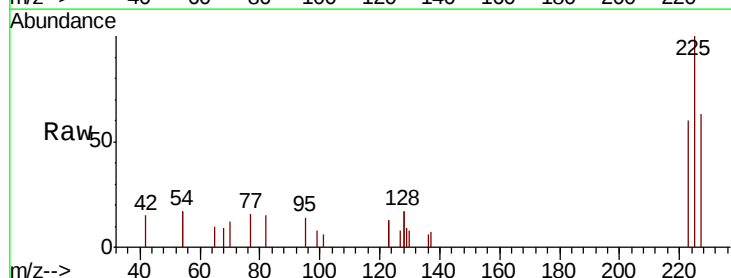
Tgt Ion:225 Resp: 1468

Ion Ratio Lower Upper

225 100

223 60.4 51.1 76.7

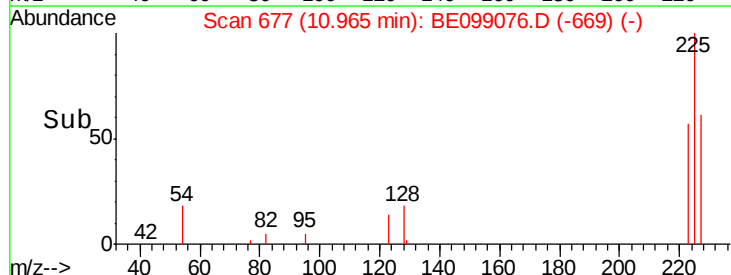
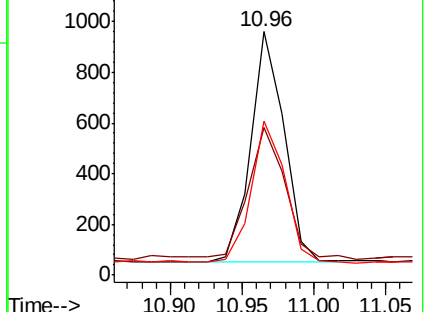
227 61.9 51.4 77.2

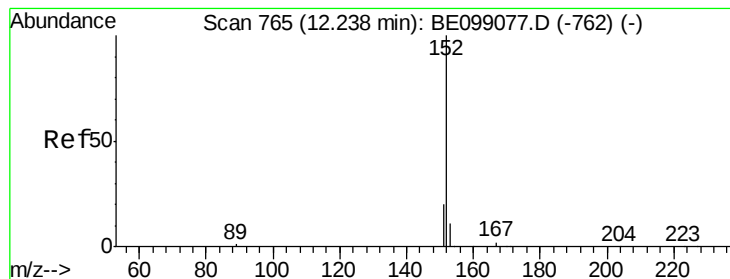


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

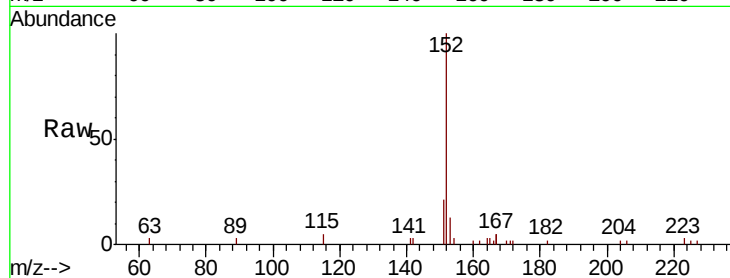
SSTDICC0.2

Tot Ion:152 Resp: 4470

Ion Ratio Lower Upper

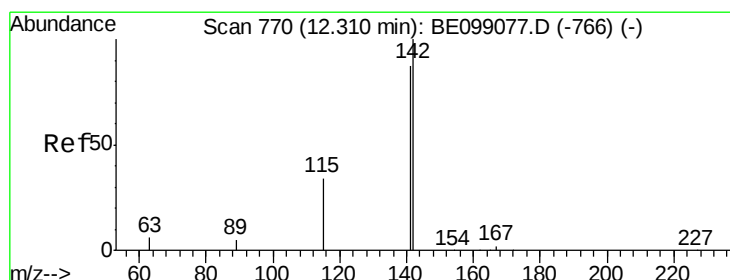
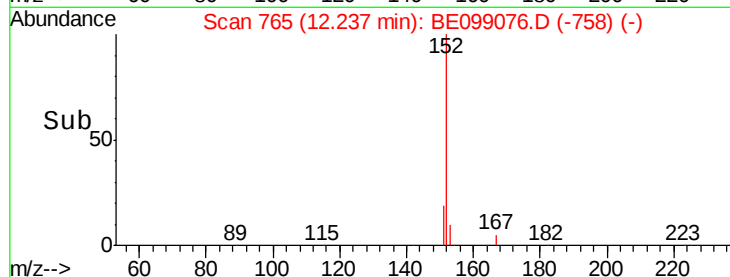
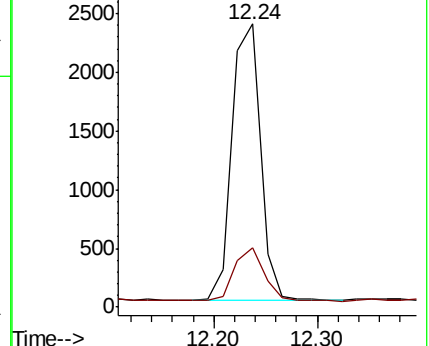
152 100

151 20.6 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.226 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

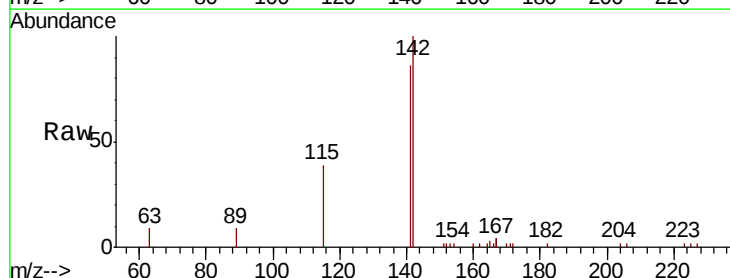
Tgt Ion:142 Resp: 4971

Ion Ratio Lower Upper

142 100

141 85.6 69.7 104.5

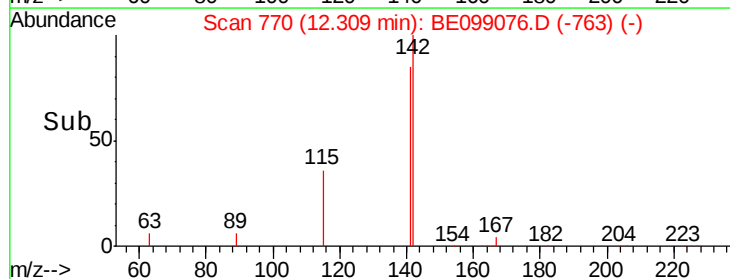
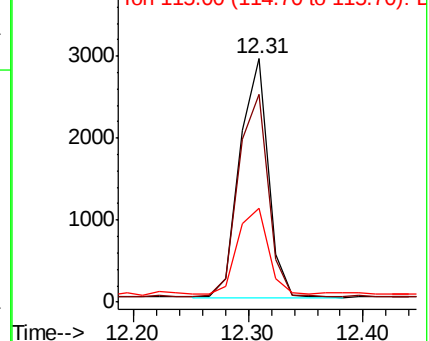
115 38.7 28.2 42.4

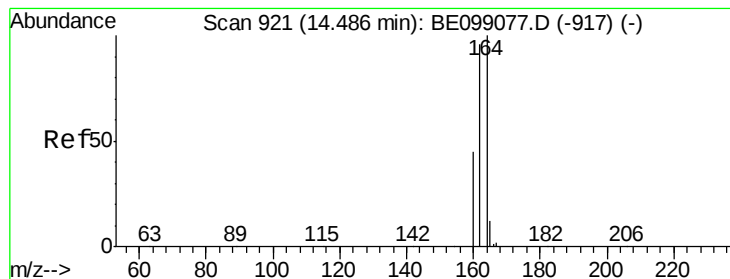


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

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ClientSampleId :

SSTDIC0.2

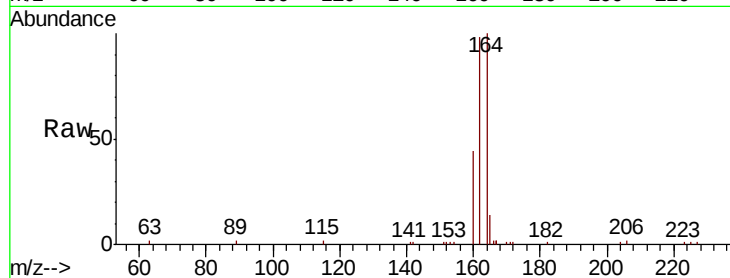
Tot Ion:164 Resp: 7846

Ion Ratio Lower Upper

164 100

162 97.7 76.8 115.2

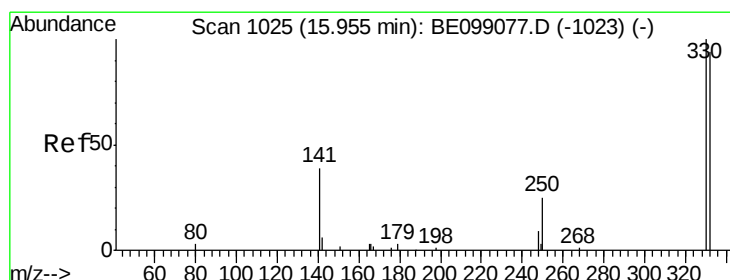
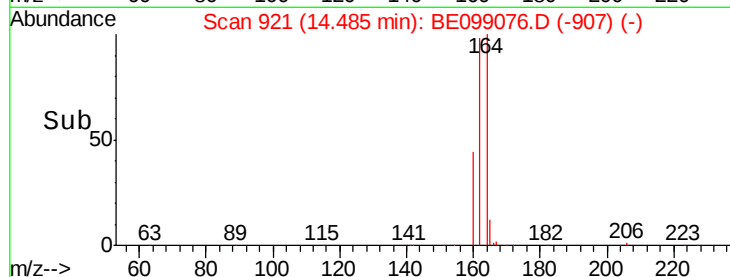
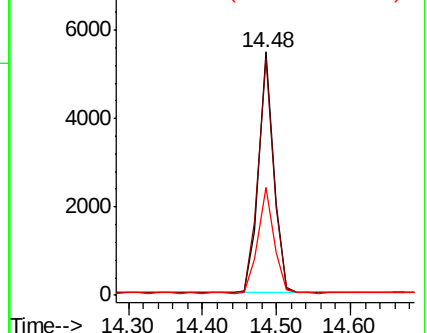
160 44.3 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.106 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

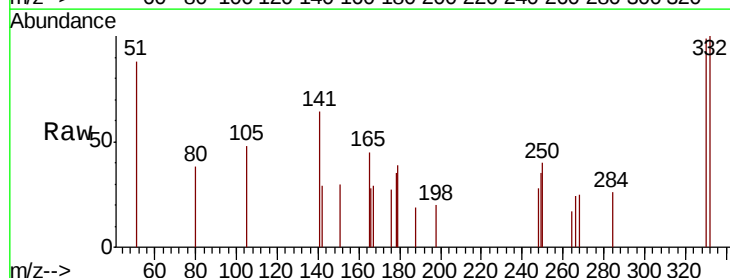
Tgt Ion:330 Resp: 421

Ion Ratio Lower Upper

330 100

332 107.8 83.0 124.4

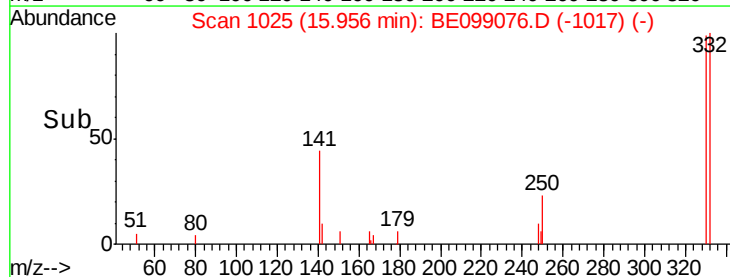
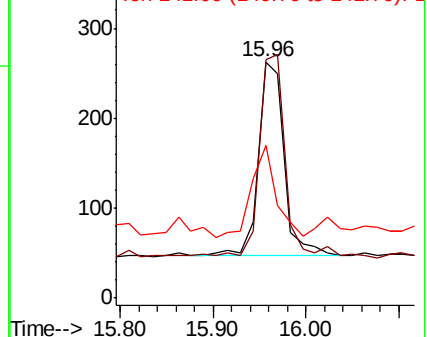
141 44.2 30.7 46.1

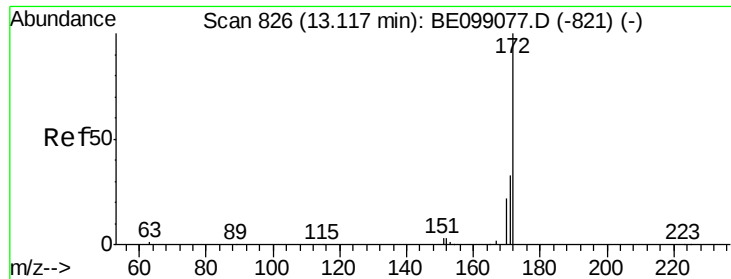


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

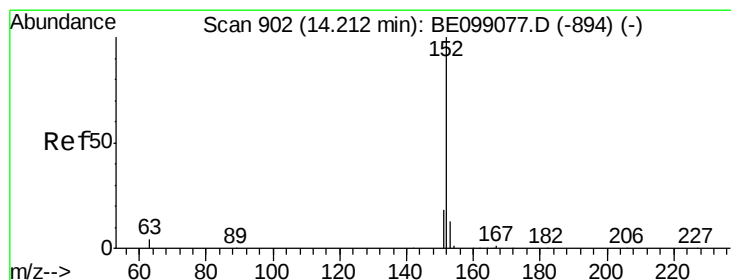
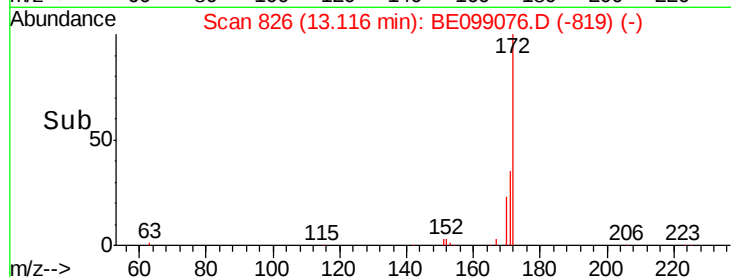
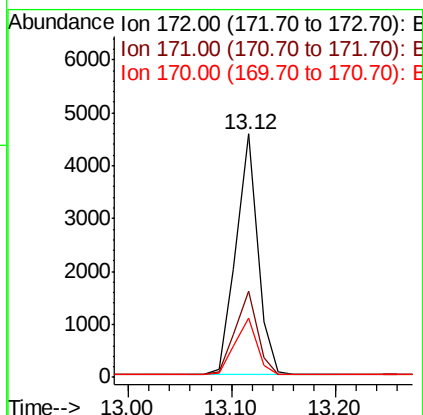
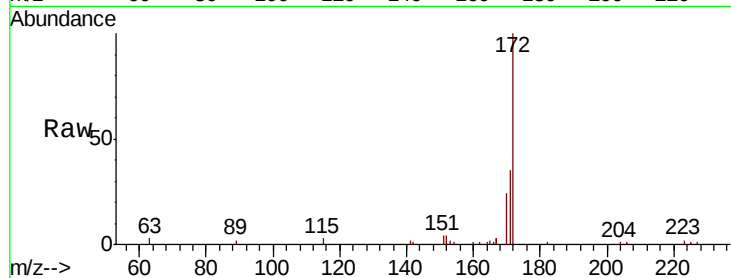




#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

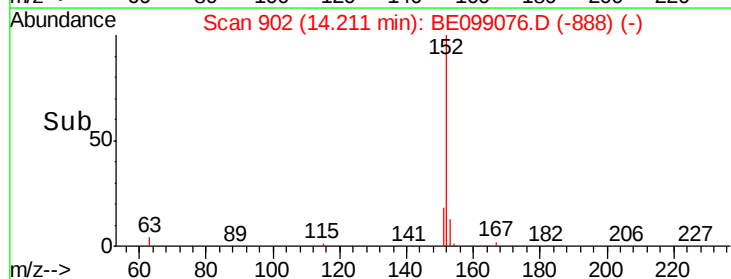
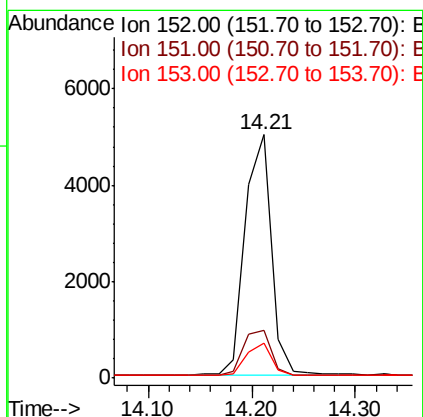
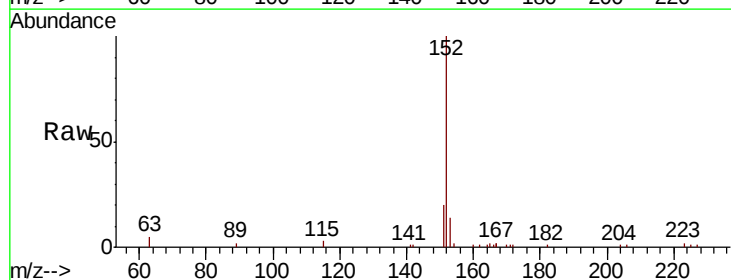
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

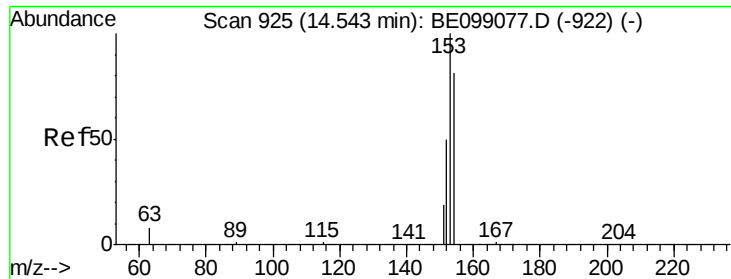
Tot Ion:172 Resp: 6658
Ion Ratio Lower Upper
172 100
171 35.4 26.7 40.1
170 24.1 18.1 27.1



#16
Acenaphthylene
Concen: 0.218 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:152 Resp: 8801
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.8 10.2 15.4

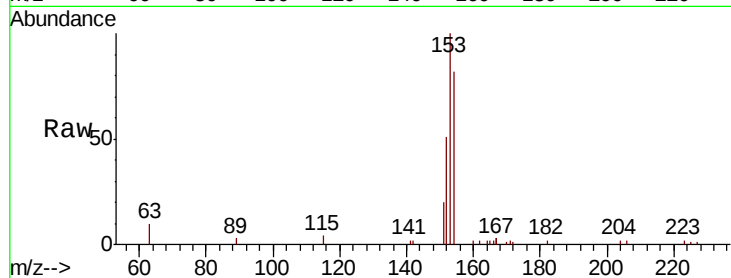




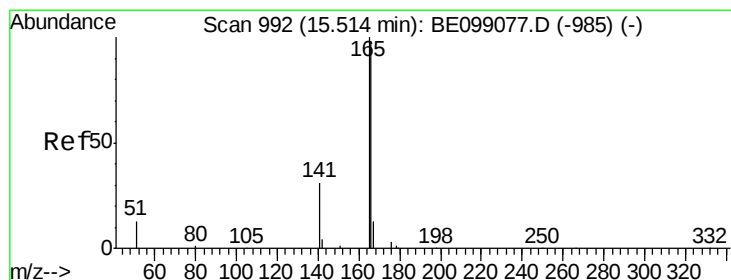
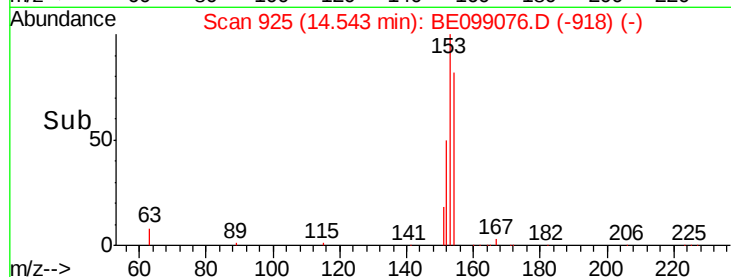
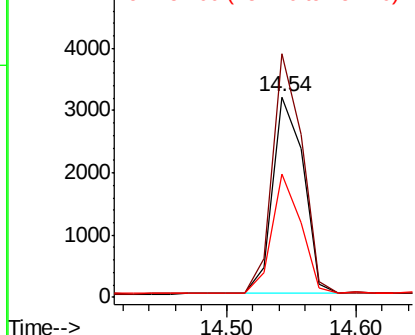
#17
Acenaphthene
Concen: 0.219 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:154 Resp: 5239
Ion Ratio Lower Upper
154 100
153 118.5 94.9 142.3
152 57.2 45.8 68.8

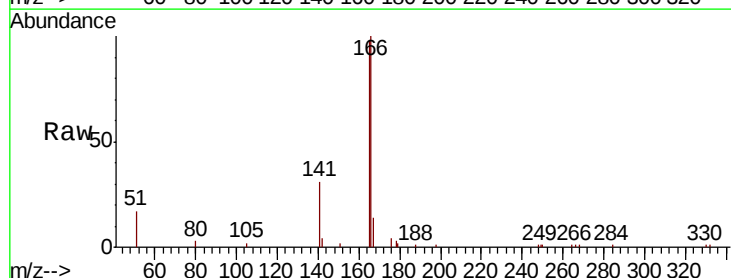


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

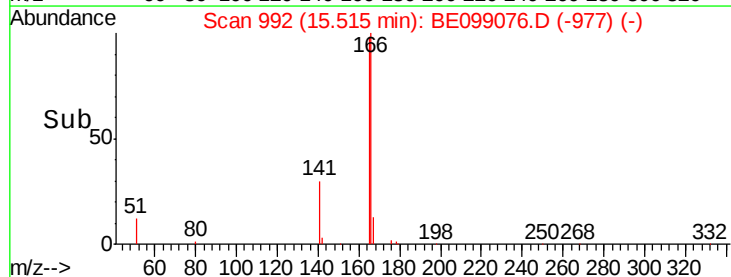
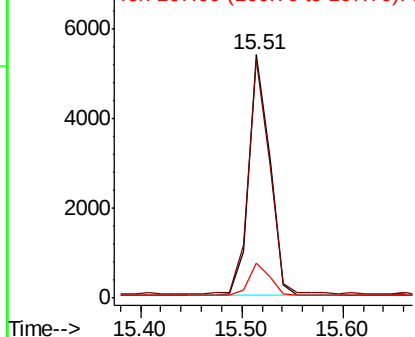


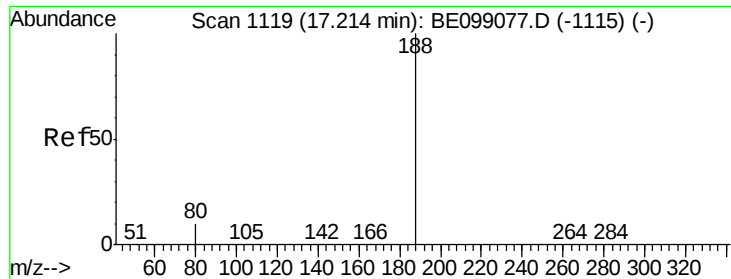
#18
Fluorene
Concen: 0.225 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:166 Resp: 7763
Ion Ratio Lower Upper
166 100
165 99.6 79.4 119.2
167 13.3 10.8 16.2



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: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

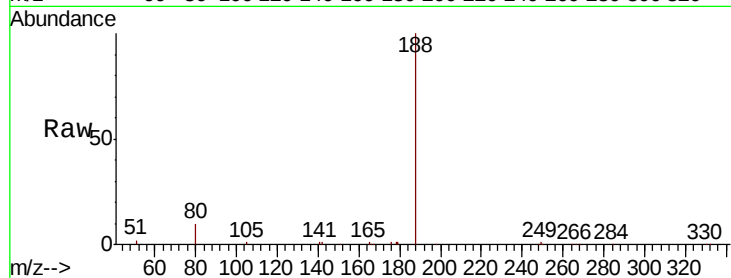
Tot Ion:188 Resp: 23568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

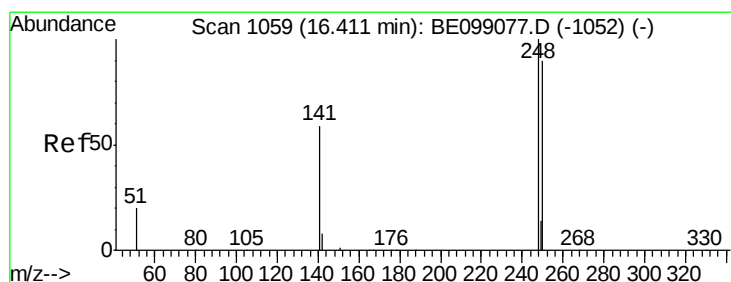
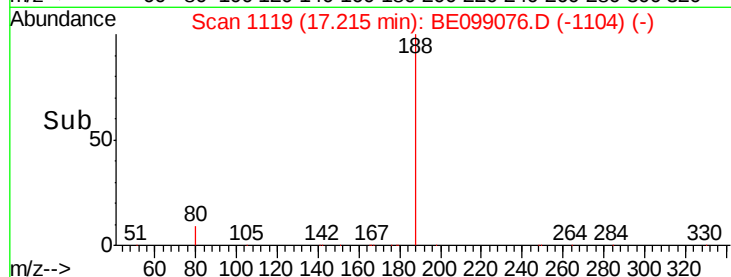
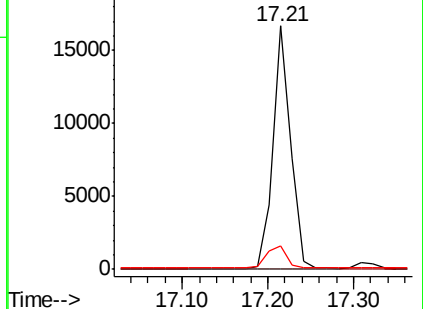
80 9.5 8.1 12.1



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: 0.219 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

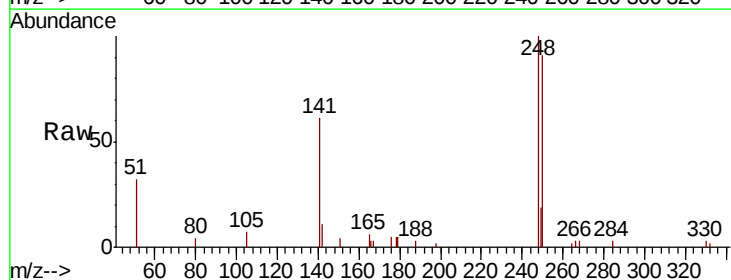
Tgt Ion:248 Resp: 2797

Ion Ratio Lower Upper

248 100

250 90.6 72.0 108.0

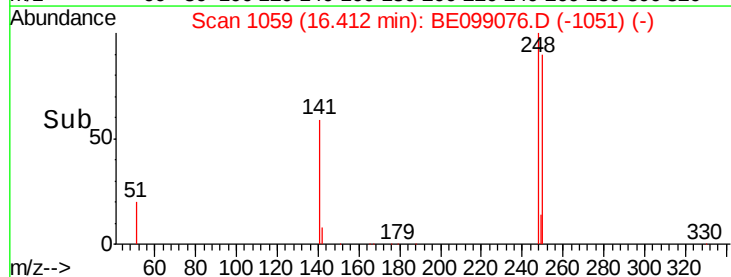
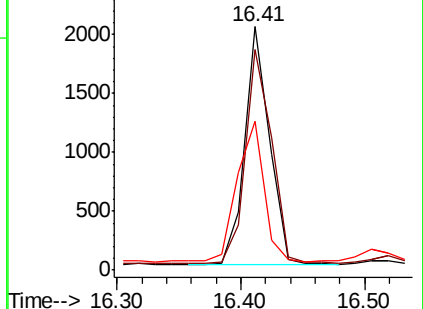
141 61.1 47.8 71.8

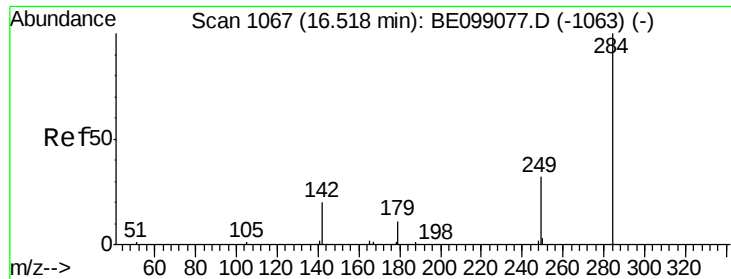


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

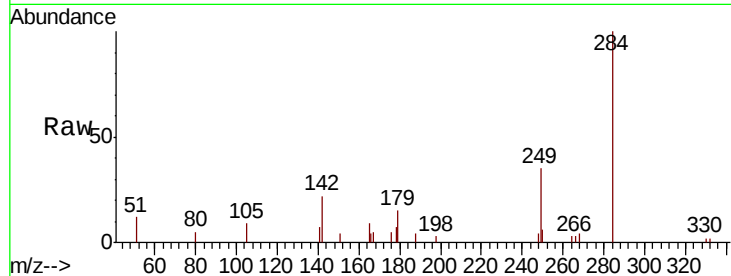




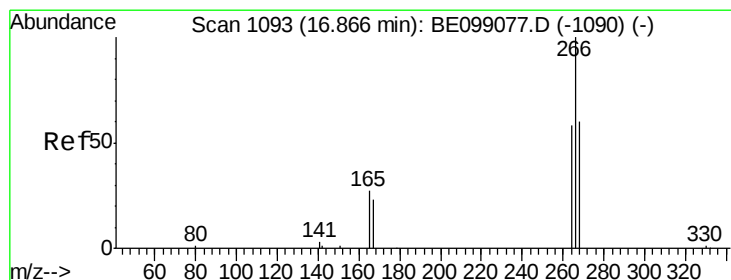
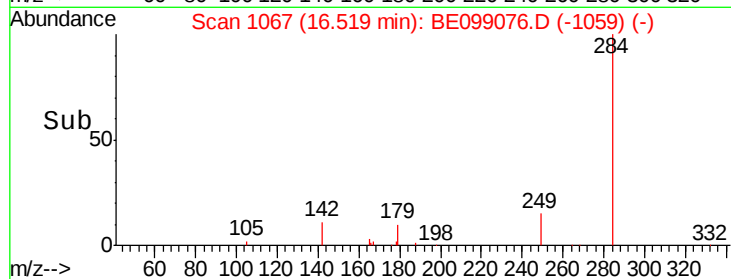
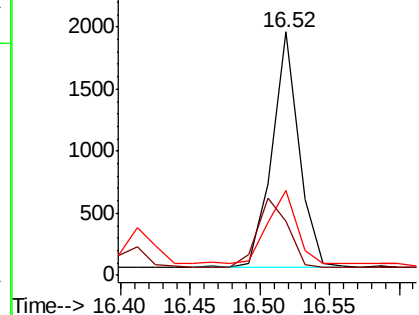
#21
Hexachlorobenzene
Concen: 0.170 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.5	42.7
249	33.2	28.2	42.4

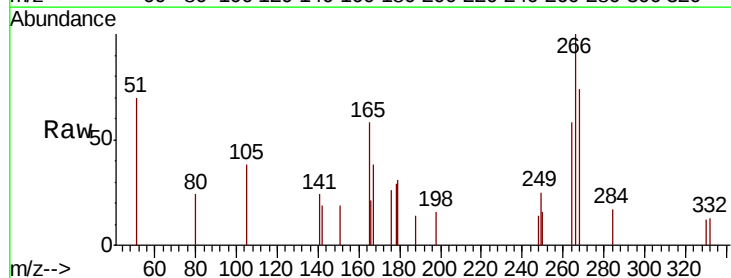


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

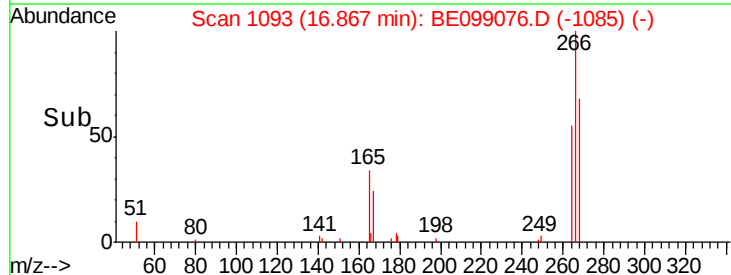
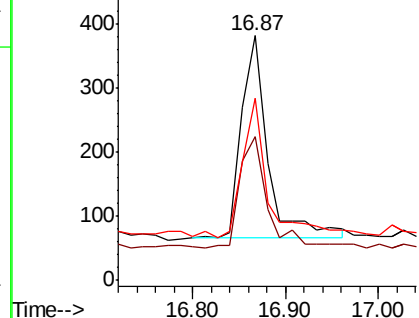


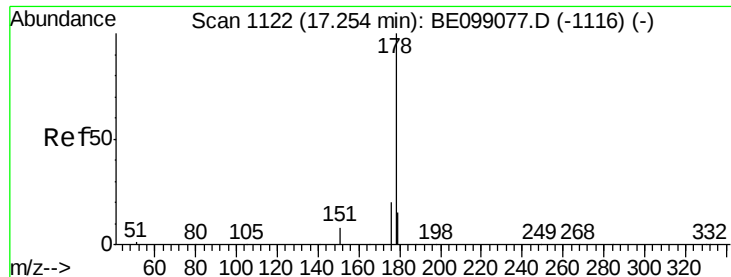
#22
Pentachlorophenol
Concen: 0.201 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.4	47.4	71.0
268	74.3	50.7	76.1



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: 0.226 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

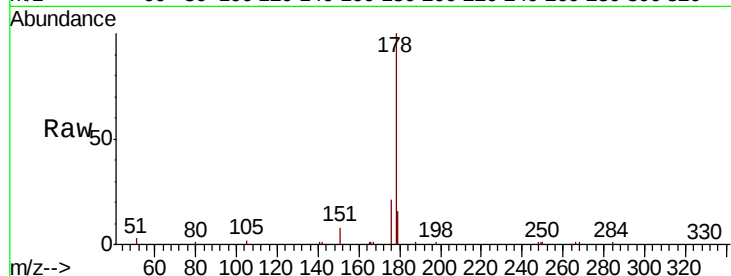
Tot Ion:178 Resp: 15125

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.1 12.1 18.1

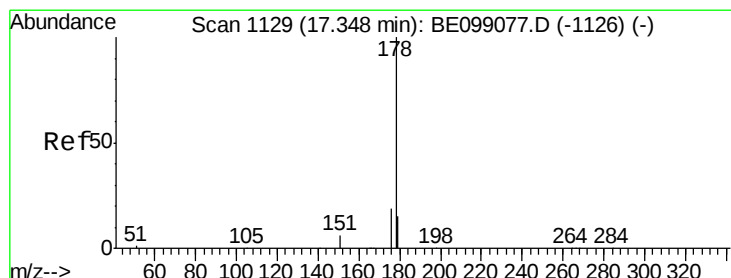
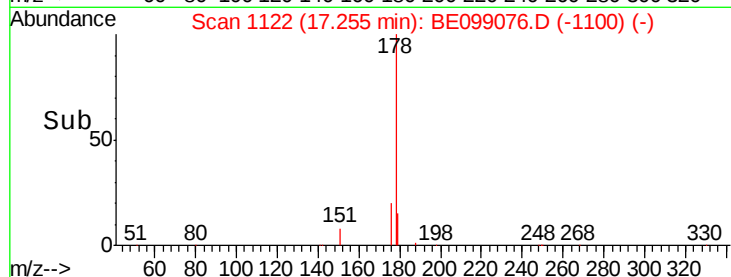
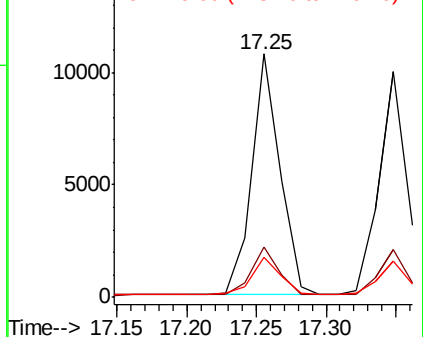


Abundance

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: 0.242 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

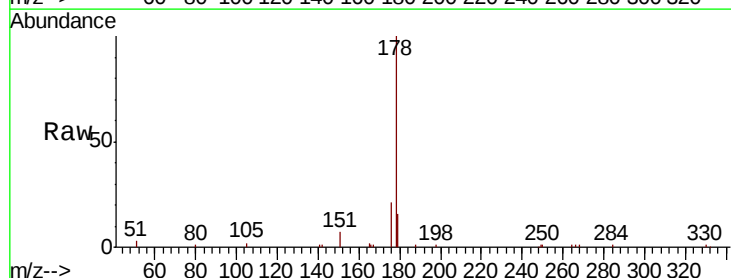
Tgt Ion:178 Resp: 13864

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.6

179 15.5 12.4 18.6

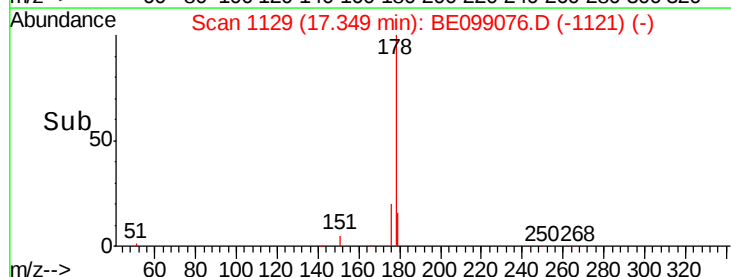
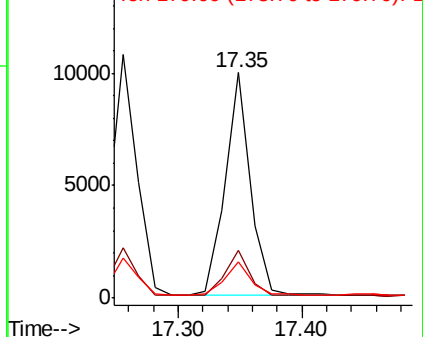


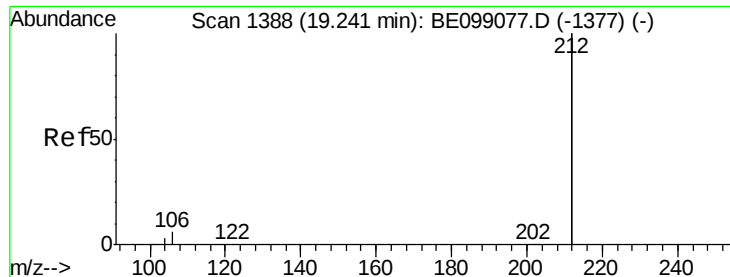
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

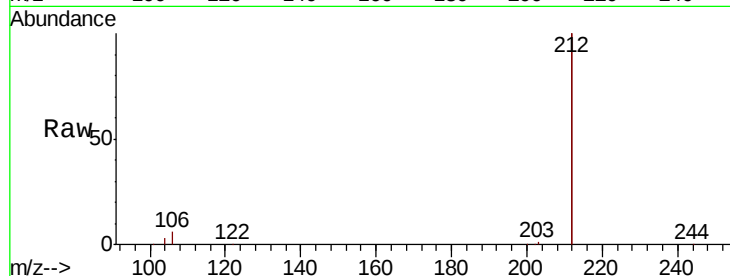
Tot Ion:212 Resp: 67095

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.4

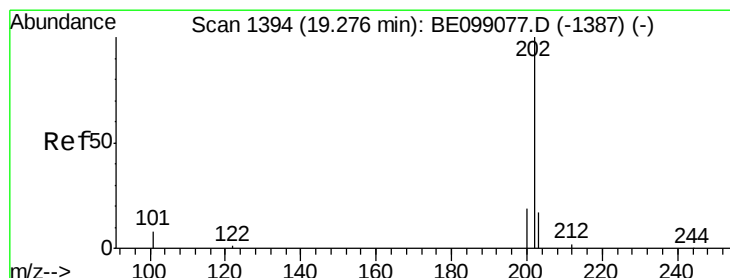
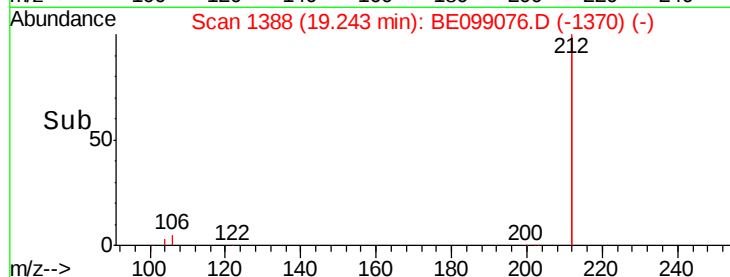
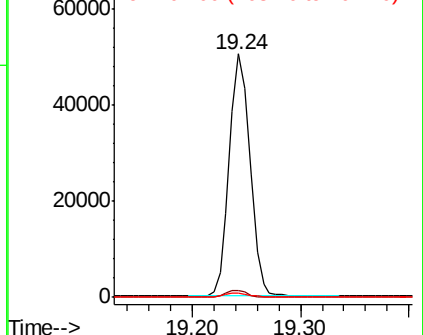
104 1.7 1.3 1.9



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: 0.226 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

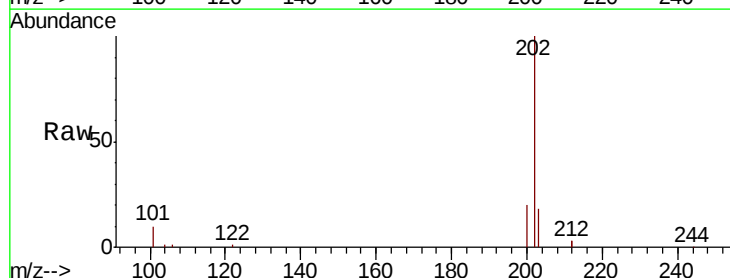
Tgt Ion:202 Resp: 21355

Ion Ratio Lower Upper

202 100

101 9.6 7.5 11.3

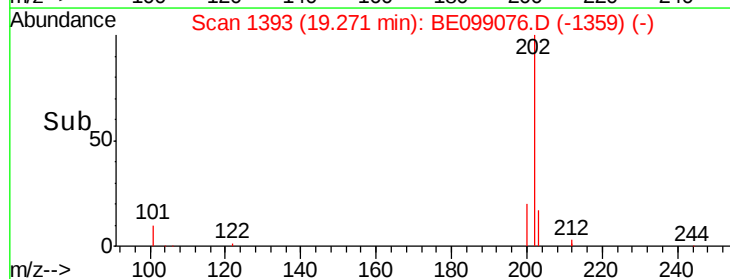
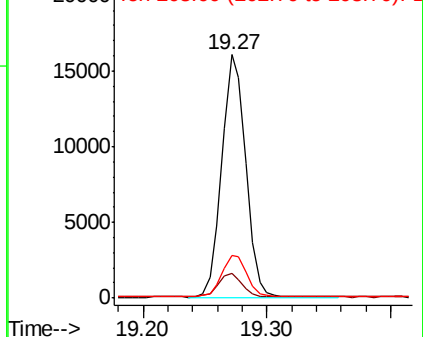
203 17.4 13.7 20.5



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: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

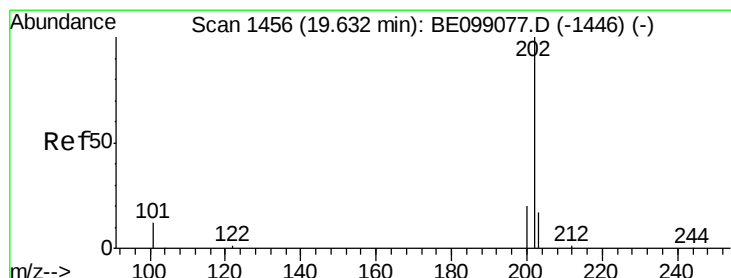
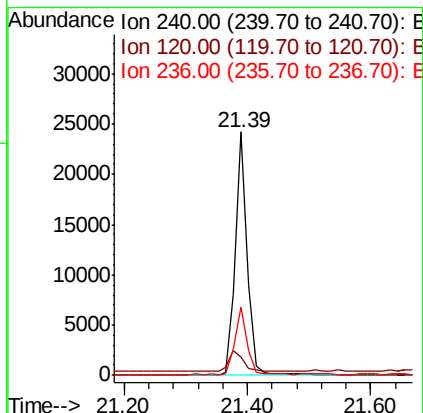
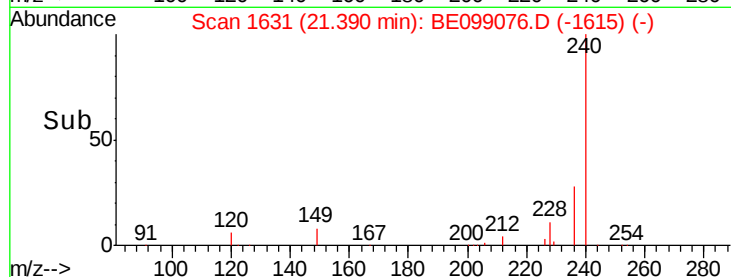
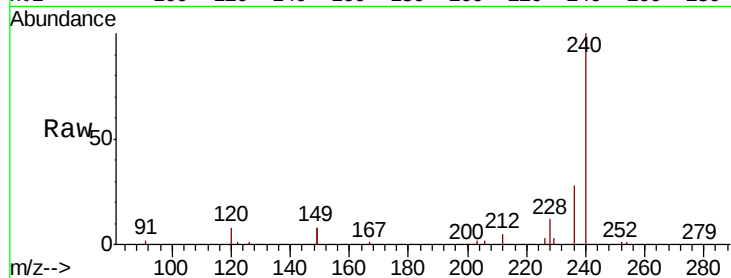
Tot Ion:240 Resp: 31222

Ion Ratio Lower Upper

240 100

120 7.7 5.0 7.6#

236 28.1 22.2 33.4



#28

Pyrene

Concen: 0.236 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

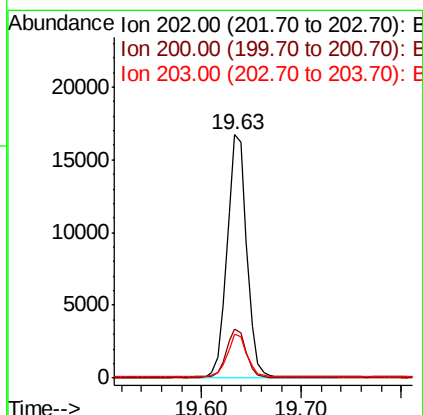
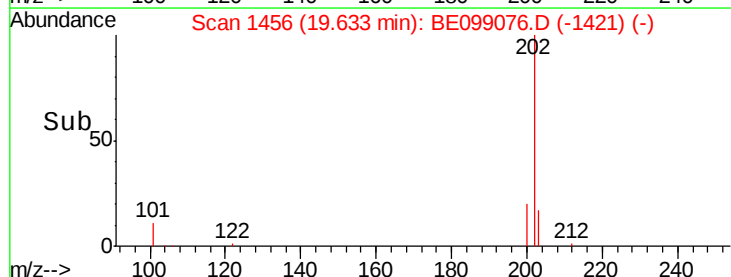
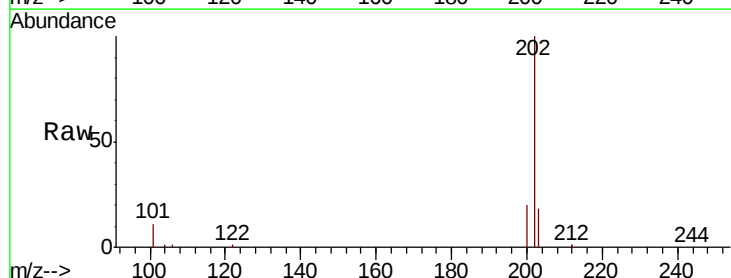
Tgt Ion:202 Resp: 22533

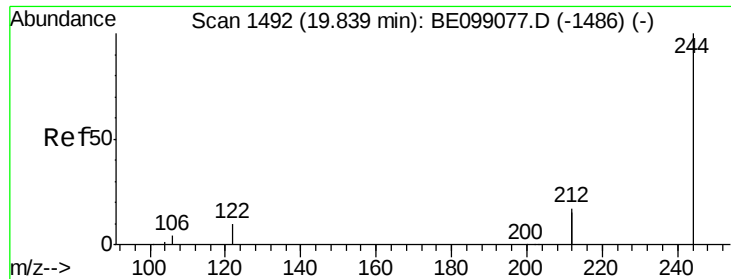
Ion Ratio Lower Upper

202 100

200 19.8 16.1 24.1

203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.181 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

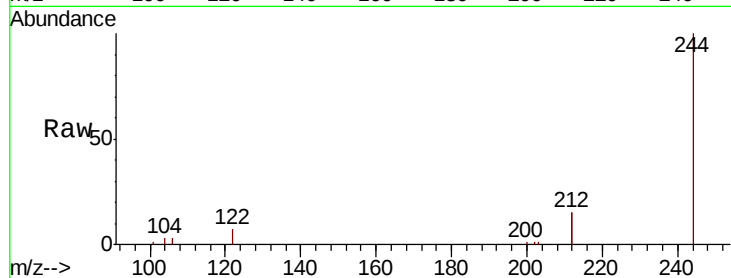
Tot Ion:244 Resp: 13754

Ion Ratio Lower Upper

244 100

212 30.9 26.9 40.3

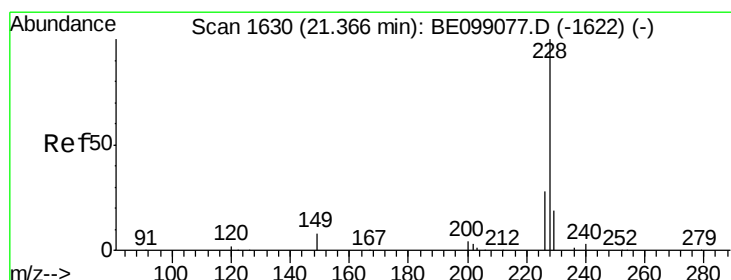
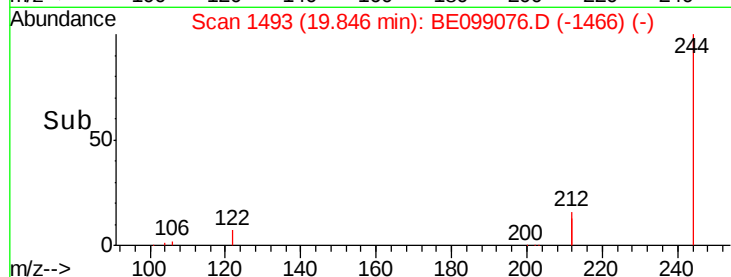
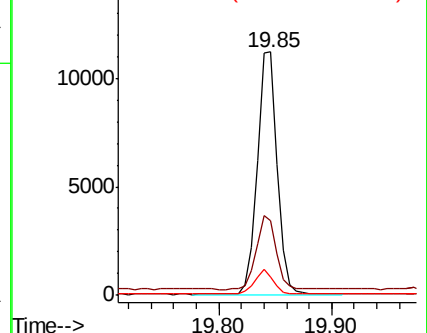
122 7.4 7.8 11.8#



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: 0.241 ng

RT: 21.38 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

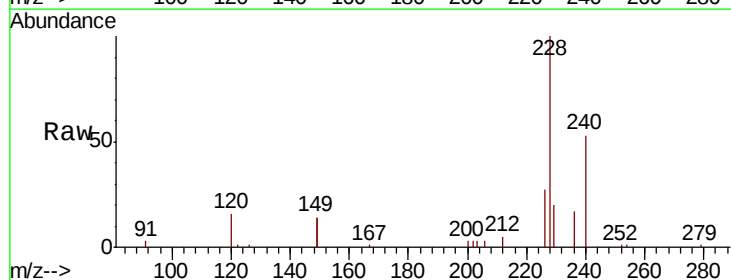
Tgt Ion:228 Resp: 23486

Ion Ratio Lower Upper

228 100

226 26.6 22.4 33.6

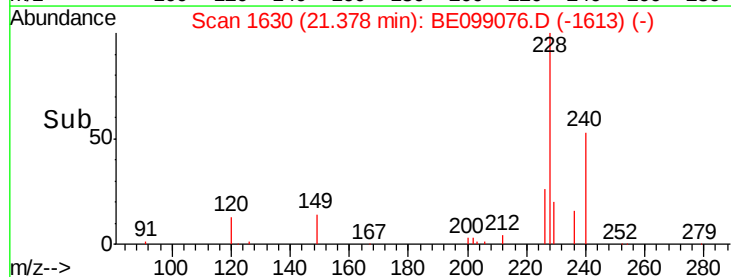
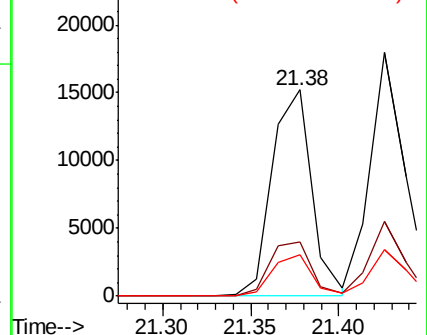
229 20.1 15.6 23.4

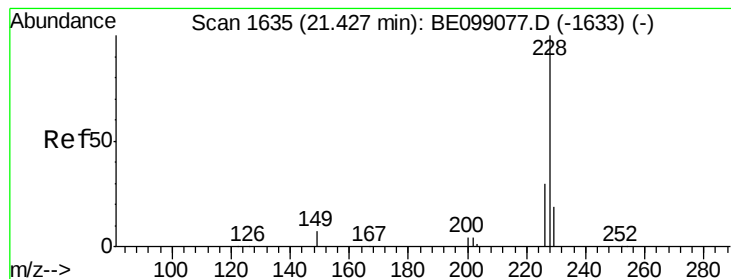


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

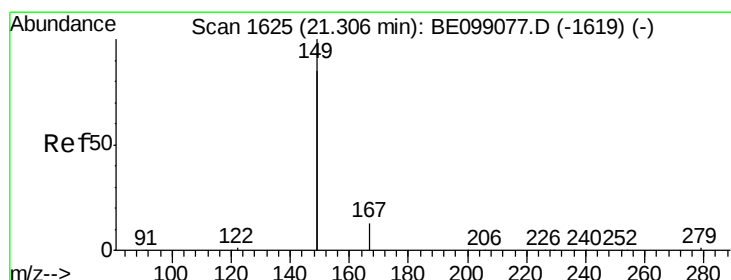
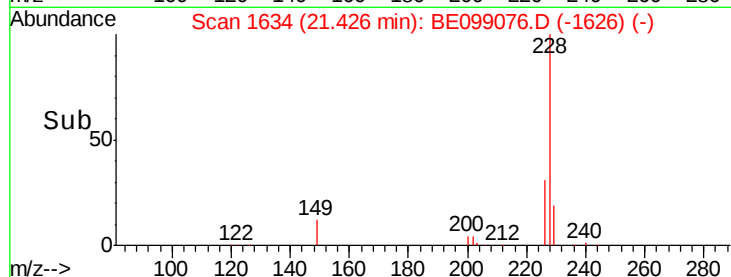
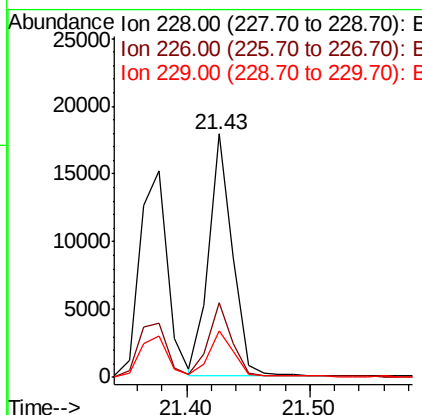
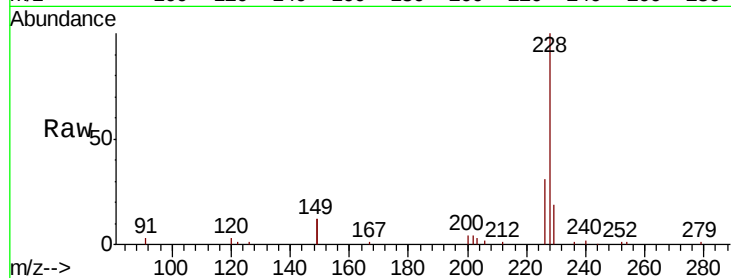




#31
Chrysene
Concen: 0.229 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

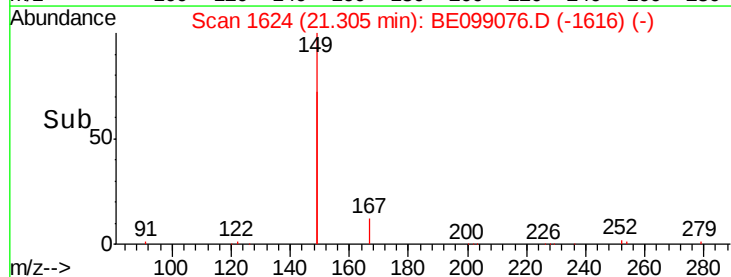
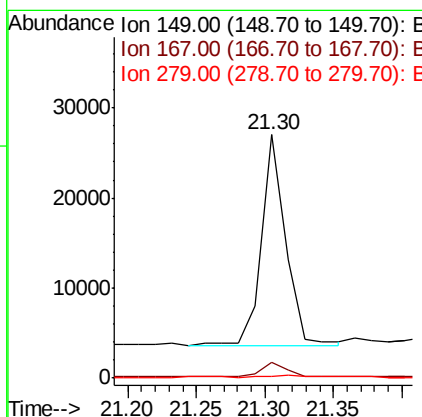
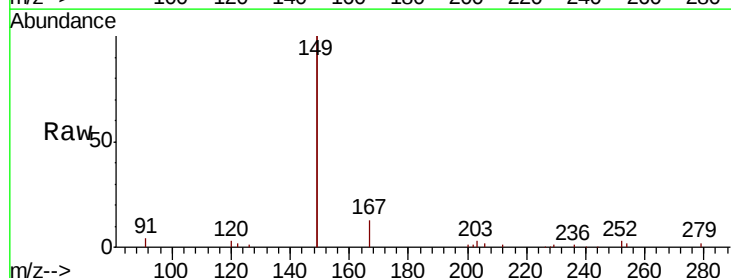
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

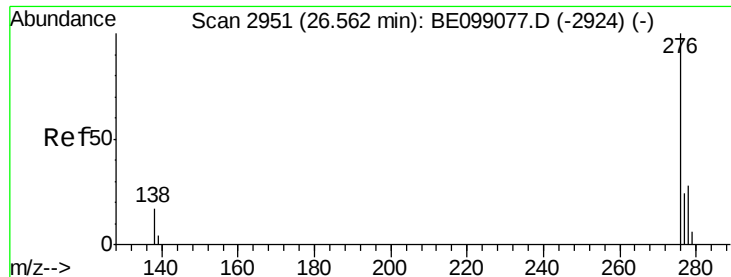
Tot Ion:228 Resp: 23893
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.1 15.5 23.3



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:149 Resp: 28767
Ion Ratio Lower Upper
149 100
167 7.2 5.7 8.5
279 1.4 0.8 1.2#

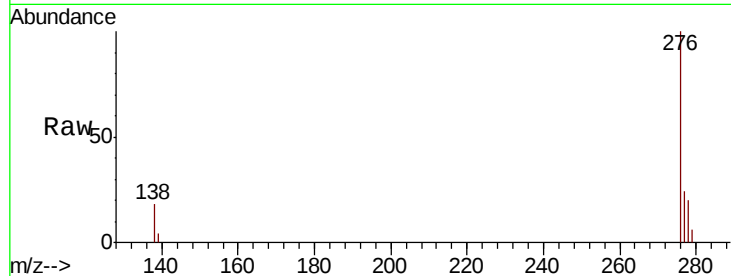




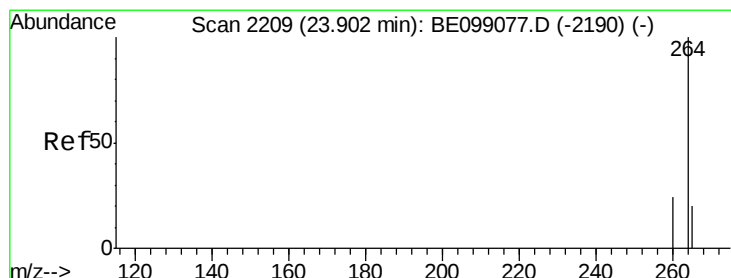
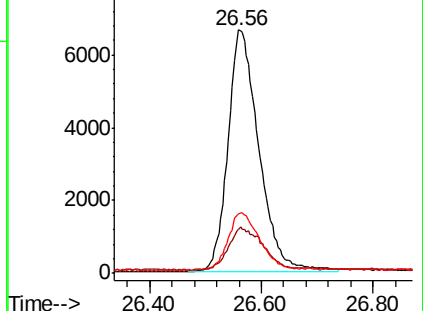
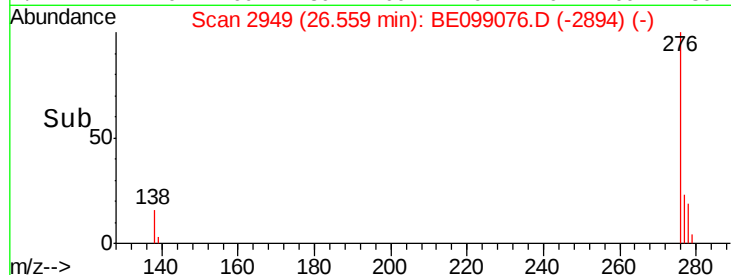
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:276 Resp: 25454
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
277 24.8 19.4 29.2

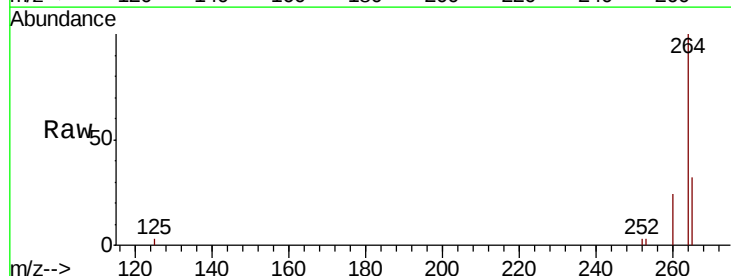


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

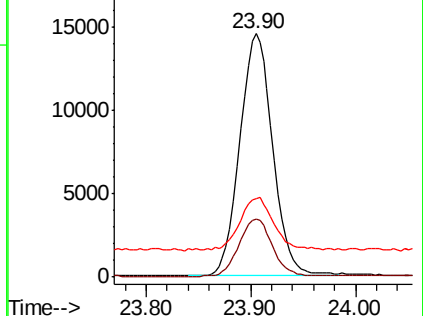
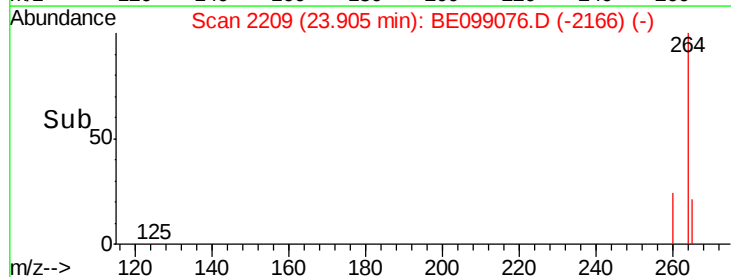


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099076.D
Acq: 22 Mar 2019 11:26

Tgt Ion:264 Resp: 31823
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 32.1 24.1 36.1



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: 0.223 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

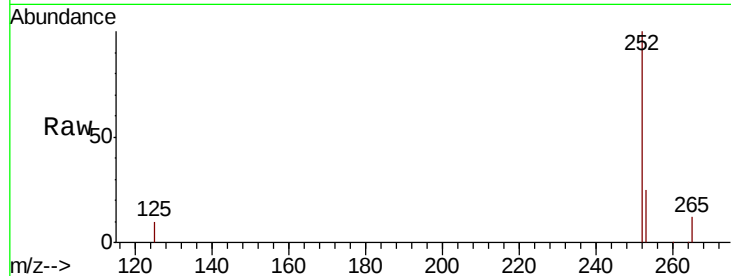
Tot Ion:252 Resp: 23352

Ion Ratio Lower Upper

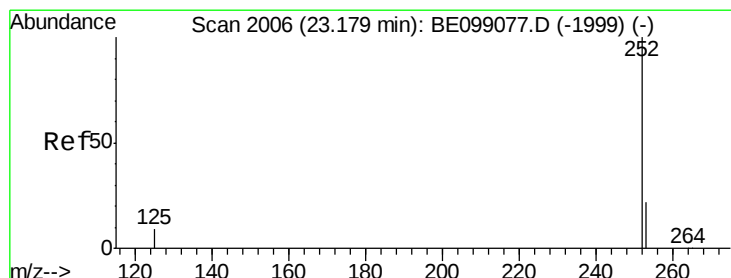
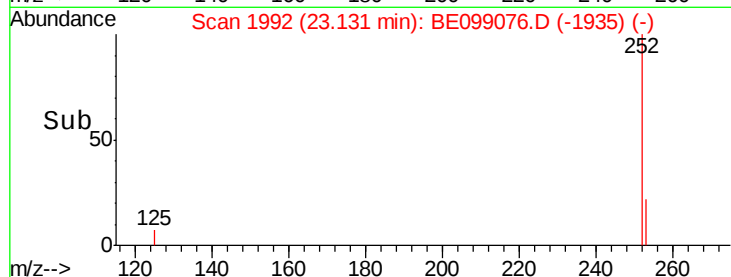
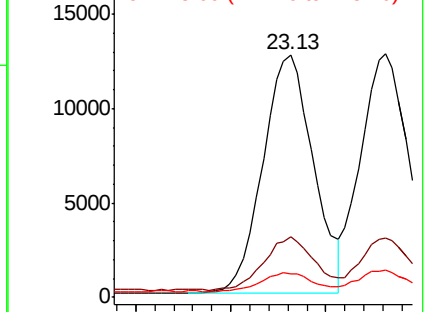
252 100

253 24.9 18.4 27.6

125 9.9 7.0 10.4



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: 0.208 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

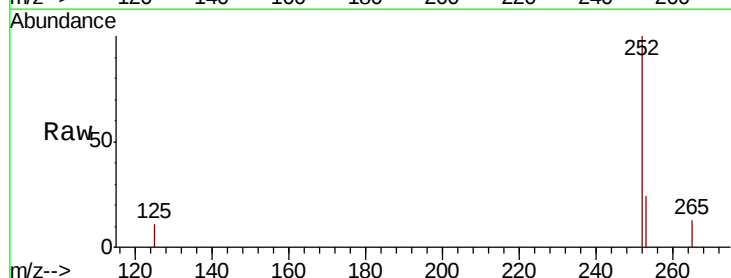
Tgt Ion:252 Resp: 22761

Ion Ratio Lower Upper

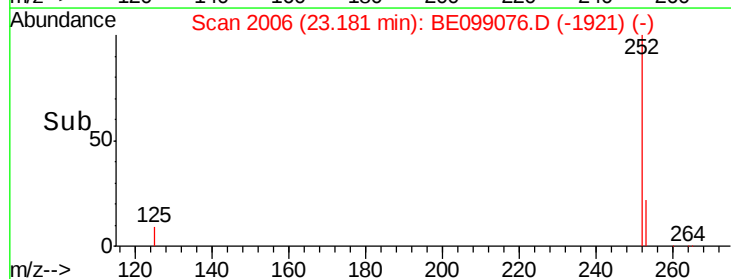
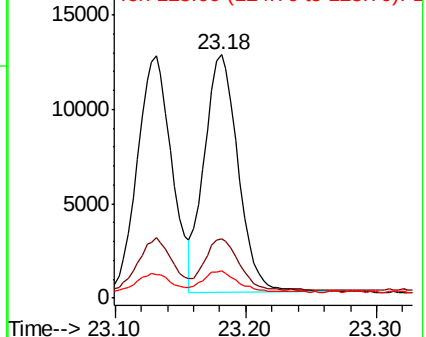
252 100

253 24.4 18.6 28.0

125 11.3 7.8 11.6



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: 0.214 ng

RT: 23.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

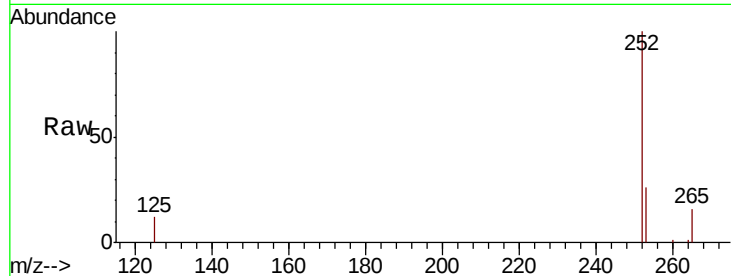
Tot Ion:252 Resp: 21458

Ion Ratio Lower Upper

252 100

253 25.6 19.3 28.9

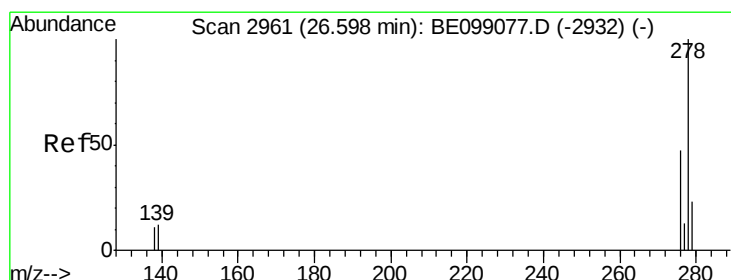
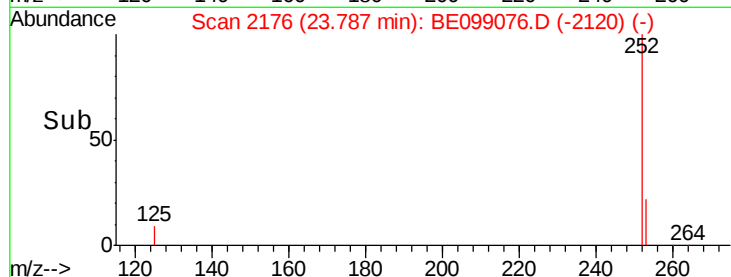
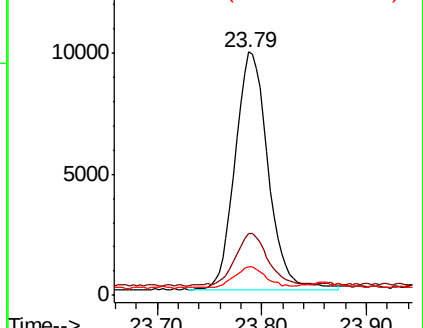
125 11.9 8.3 12.5



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: 0.213 ng

RT: 26.59 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

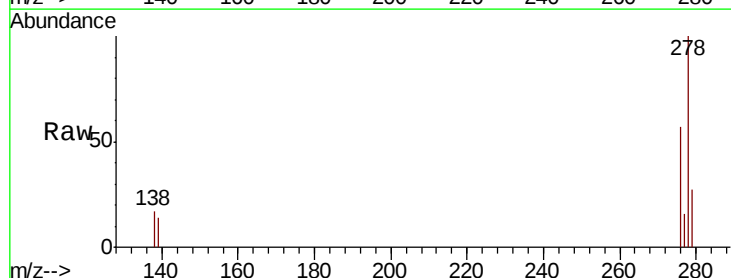
Tgt Ion:278 Resp: 20211

Ion Ratio Lower Upper

278 100

139 14.1 10.6 16.0

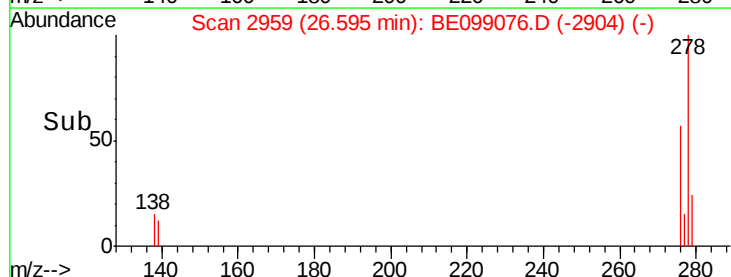
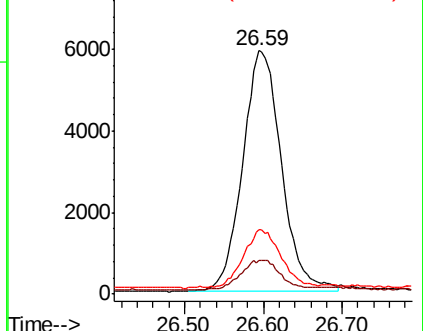
279 26.5 19.4 29.2

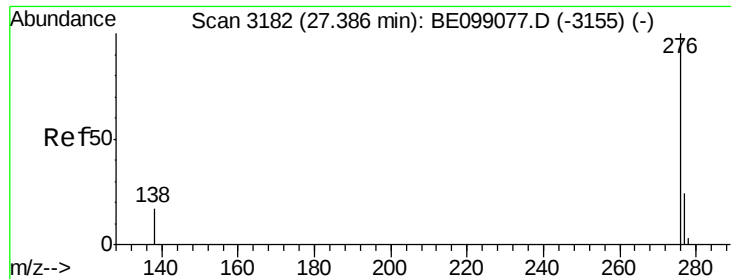


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.217 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE099076.D

Acq: 22 Mar 2019 11:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

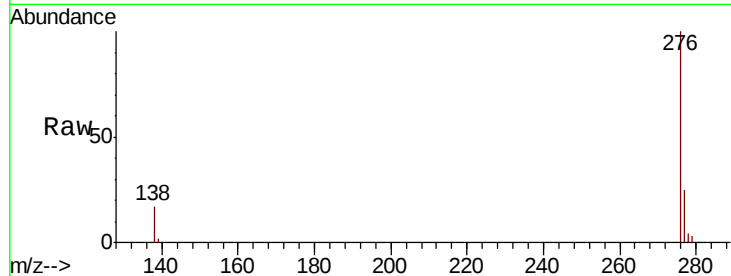
Tot Ion:276 Resp: 21520

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.2

138 17.1 14.6 21.8



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

