

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099808.D
 Acq On : 5 Jun 2019 17:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 06 01:40:23 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 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1358	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4814	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3461	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11521	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19333	0.40	ng	0.00
34) Perylene-d12	23.94	264	22727	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1122	0.34	ng	0.01
5) Phenol-d6	6.96	99	1461	0.34	ng	0.00
8) Nitrobenzene-d5	8.97	82	1506	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2918	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	623	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4453	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	59868	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	12153	0.38	ng	0.00

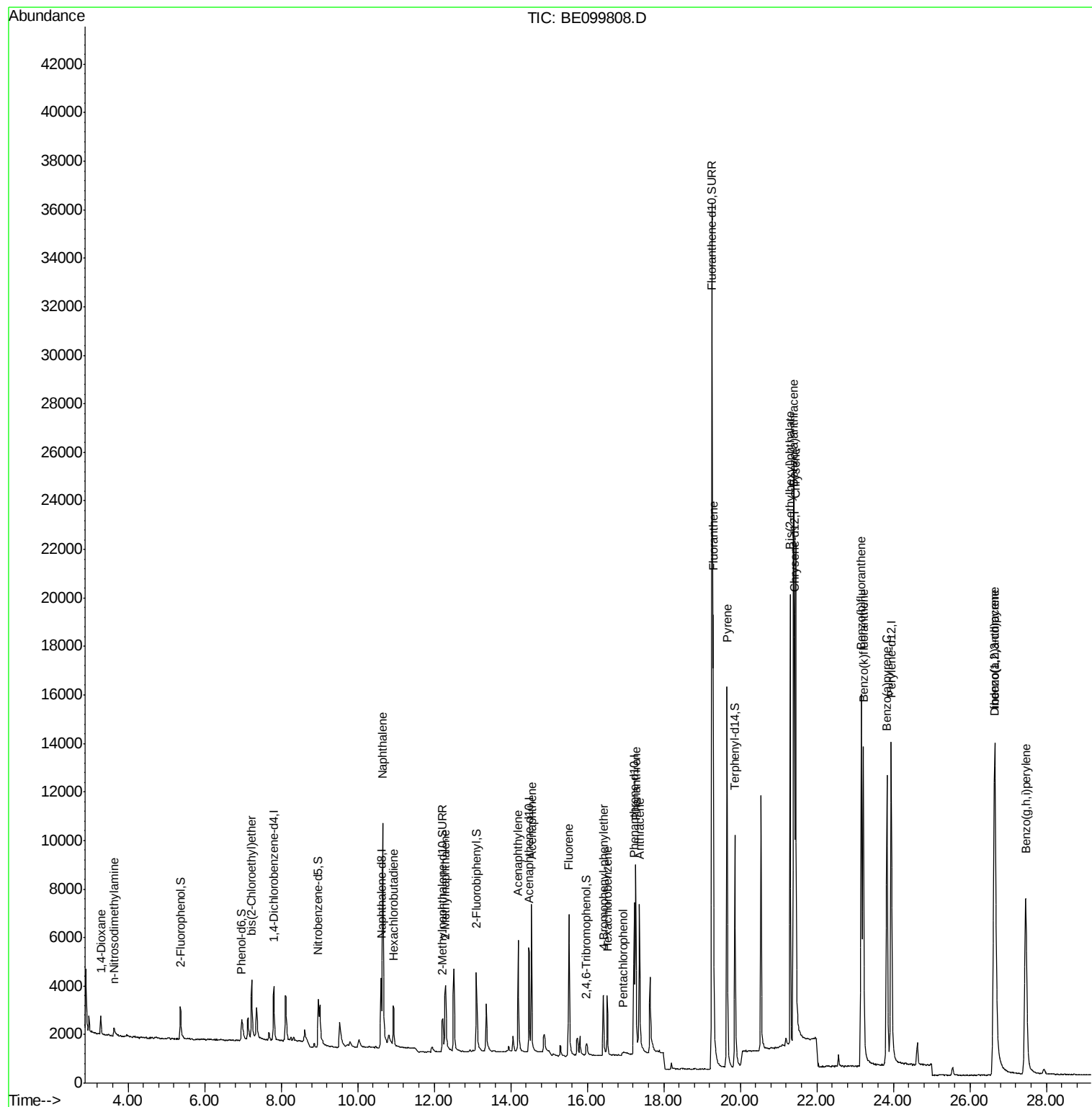
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	673	0.342	ng	97
3) n-Nitrosodimethylamine	3.62	42	284	0.272	ng	89
6) bis(2-Chloroethyl)ether	7.23	93	1370	0.368	ng	93
9) Naphthalene	10.65	128	18707	0.364	ng	100
10) Hexachlorobutadiene	10.93	225	1422	0.363	ng	99
12) 2-Methylnaphthalene	12.30	142	2746	0.335	ng	98
16) Acenaphthylene	14.20	152	5958	0.357	ng	99
17) Acenaphthene	14.54	154	3178	0.348	ng	99
18) Fluorene	15.51	166	4688	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2240	0.348	ng	# 82
21) Hexachlorobenzene	16.52	284	2396	0.340	ng	97
22) Pentachlorophenol	16.93	266	122	0.332	ng	96
23) Phenanthrene	17.27	178	9491	0.345	ng	99
24) Anthracene	17.36	178	8189	0.330	ng	100
26) Fluoranthene	19.29	202	17147	0.356	ng	99
28) Pyrene	19.65	202	18095	0.387	ng	100
30) Benzo(a)anthracene	21.39	228	21553	0.404	ng	100
31) Chrysene	21.45	228	22014	0.373	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	20633	0.336	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	27346	0.387	ng	99
35) Benzo(b)fluoranthene	23.16	252	22602	0.359	ng	100
36) Benzo(k)fluoranthene	23.21	252	23786	0.356	ng	98
37) Benzo(a)pyrene	23.83	252	21696	0.356	ng	99
38) Dibenzo(a,h)anthracene	26.66	278	22199	0.358	ng	97
39) Benzo(g,h,i)perylene	27.45	276	22576	0.346	ng	99

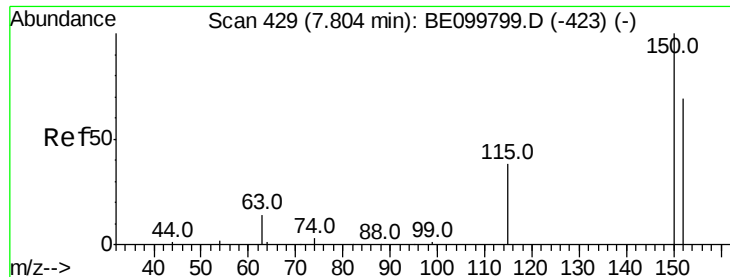
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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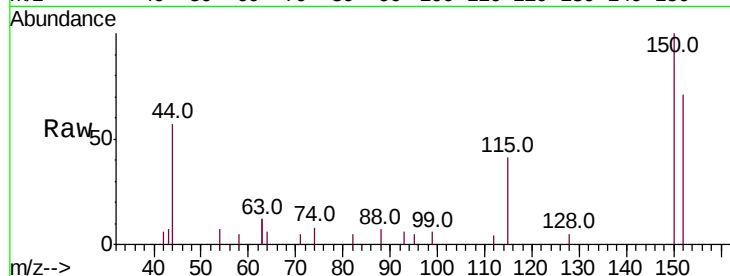


#1

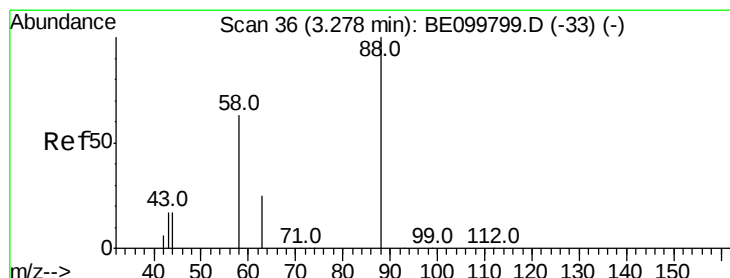
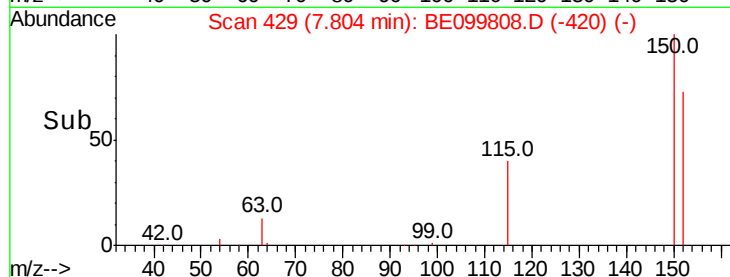
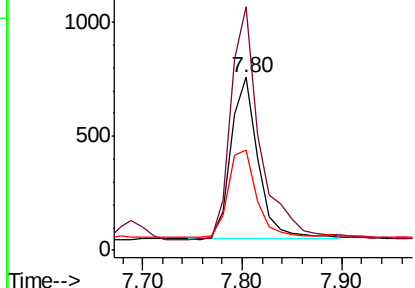
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 1358
Ion Ratio Lower Upper
152 100
150 141.1 112.8 169.2
115 58.4 47.6 71.4



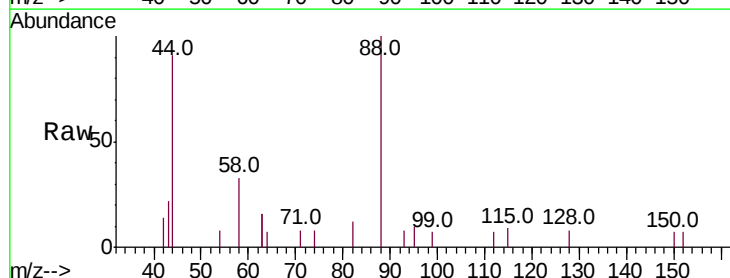
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



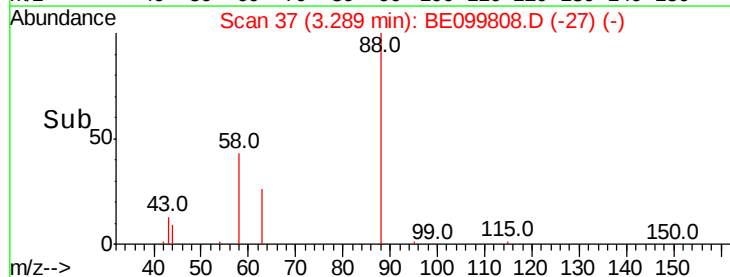
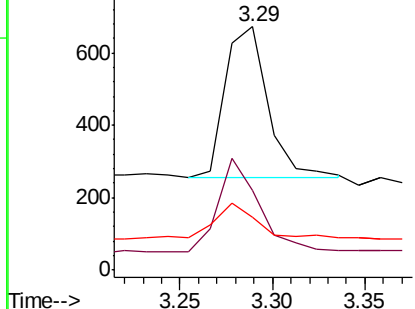
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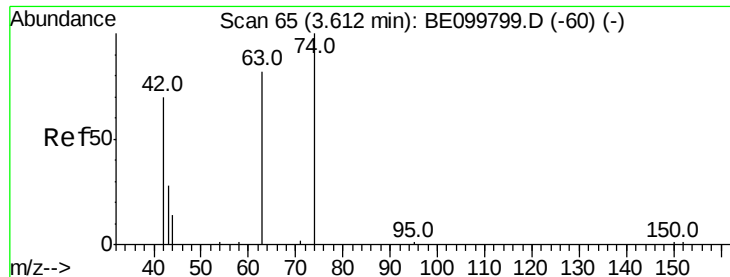
1,4-Dioxane
Concen: 0.342 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion: 88 Resp: 673
Ion Ratio Lower Upper
88 100
58 58.4 47.3 70.9
43 26.0 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



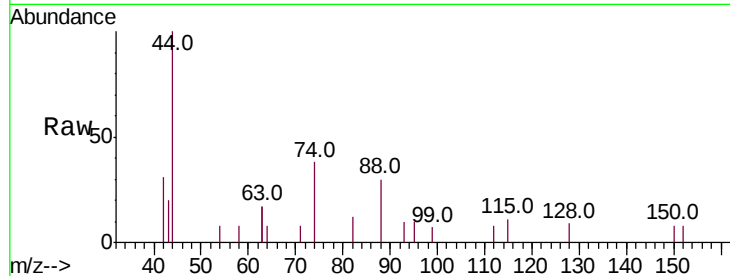


#3

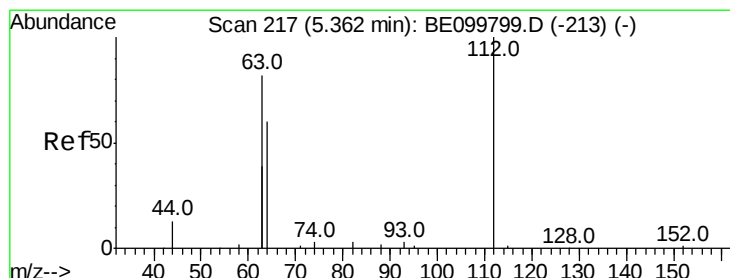
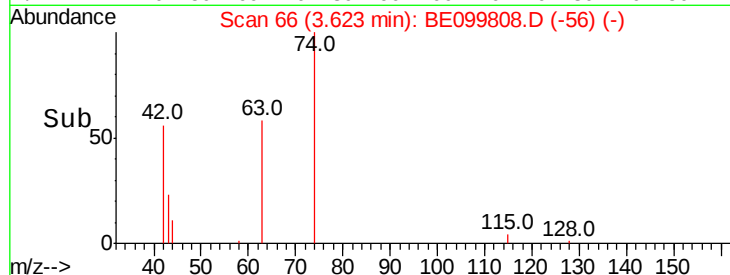
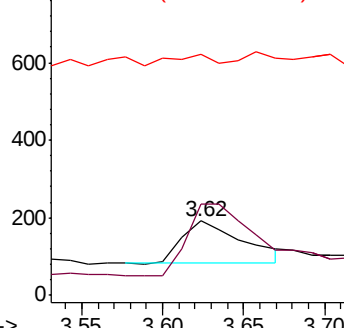
n-Nitrosodimethylamine
 Concen: 0.272 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.01 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC040

Tot Ion: 42 Resp: 284
 Ion Ratio Lower Upper
 42 100
 74 181.7 132.6 198.8
 44 19.0 13.4 20.0



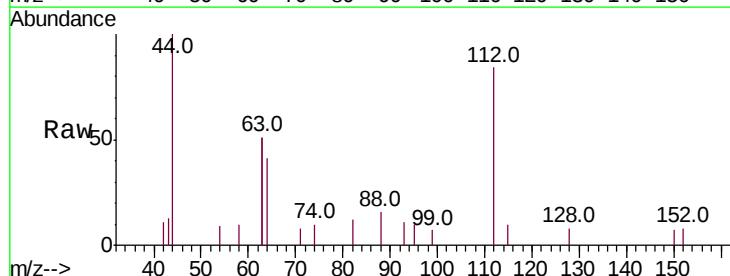
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



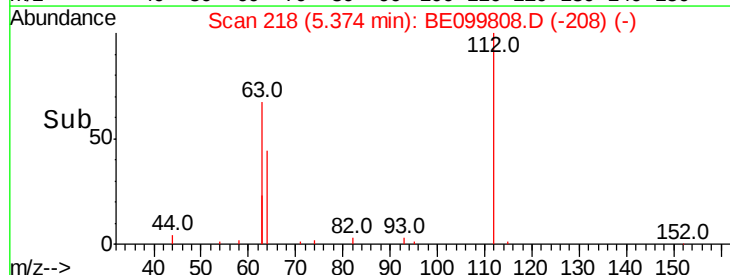
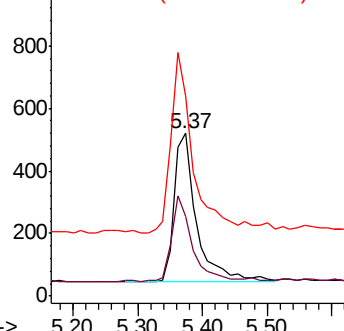
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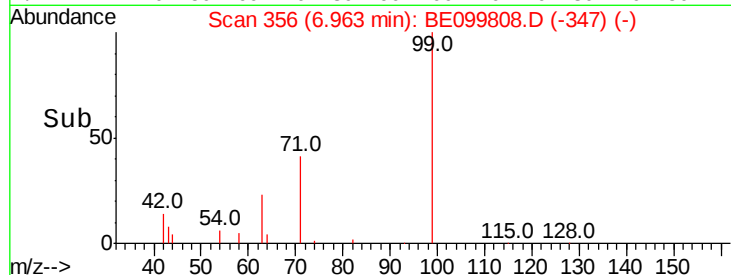
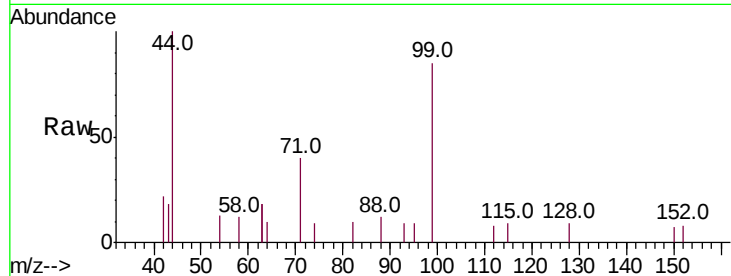
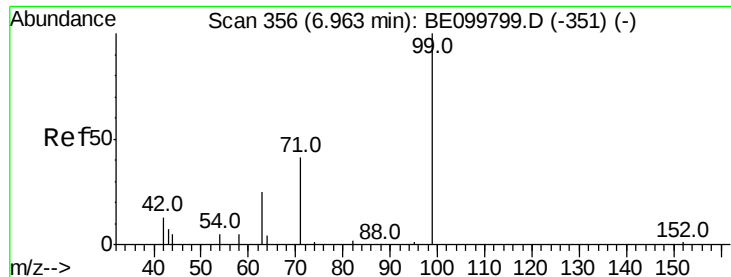
2-Fluorophenol
 Concen: 0.339 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

Tgt Ion: 112 Resp: 1122
 Ion Ratio Lower Upper
 112 100
 64 51.2 47.2 70.8
 63 125.7 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: 0.344 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

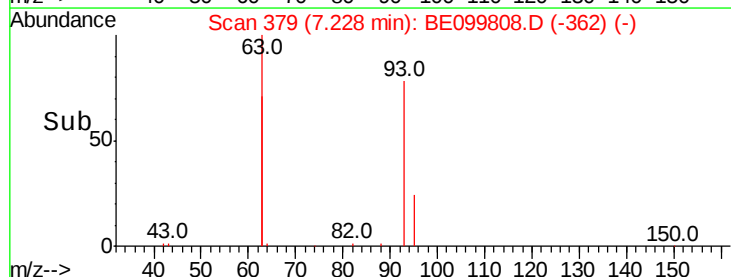
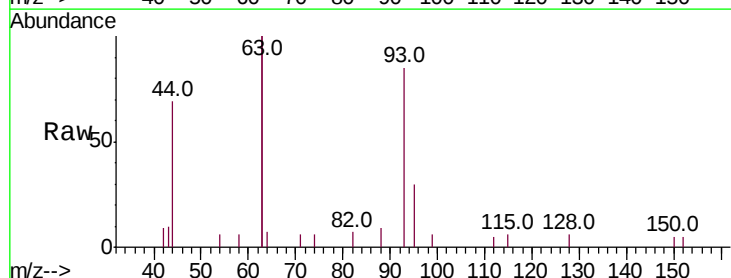
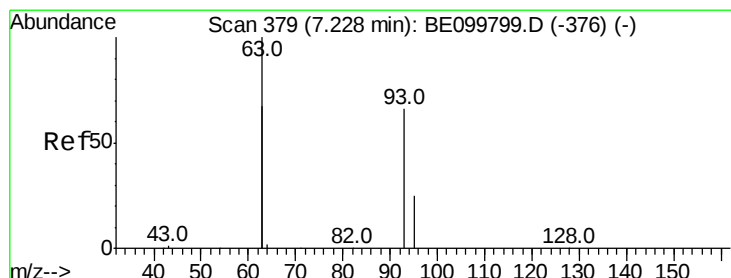
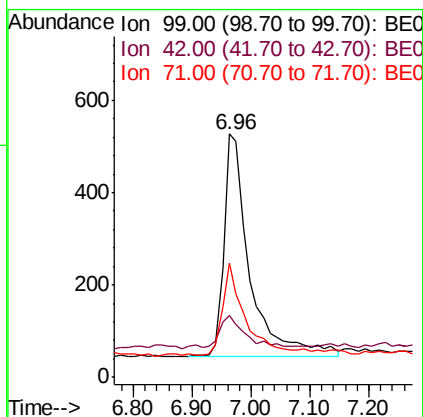
Tot Ion: 99 Resp: 1461

Ion Ratio Lower Upper

99 100

42 16.5 11.0 16.4#

71 37.6 26.1 39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.368 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

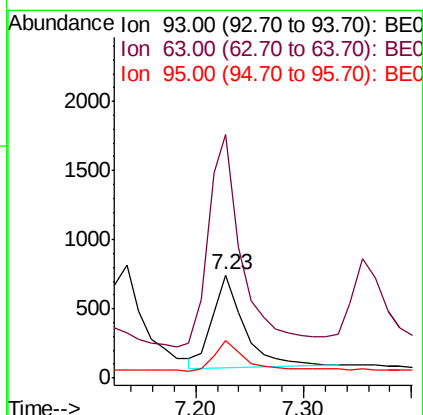
Tgt Ion: 93 Resp: 1370

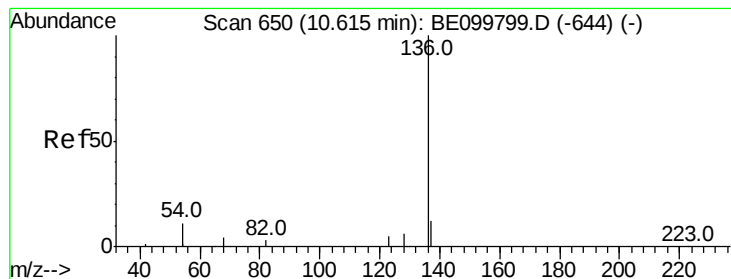
Ion Ratio Lower Upper

93 100

63 248.0 208.8 313.2

95 31.5 27.6 41.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 4814

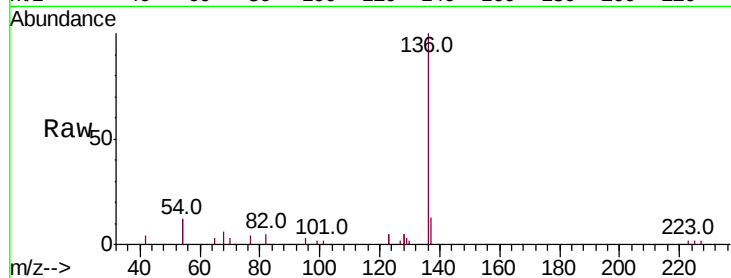
Ion Ratio Lower Upper

136 100

137 12.6 11.1 16.7

54 24.6 17.9 26.9

68 6.5 5.4 8.0

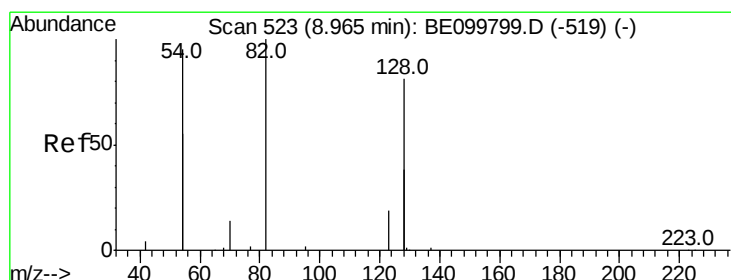
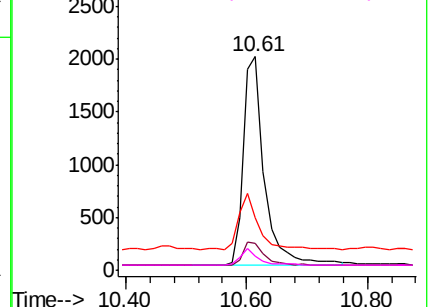
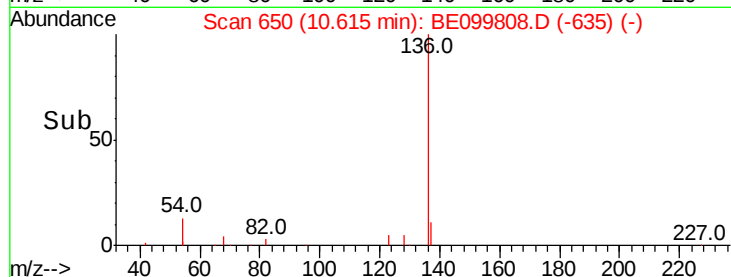


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

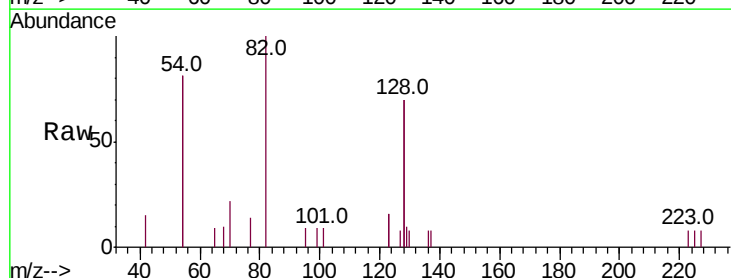
Tgt Ion: 82 Resp: 1506

Ion Ratio Lower Upper

82 100

128 139.4 116.6 175.0

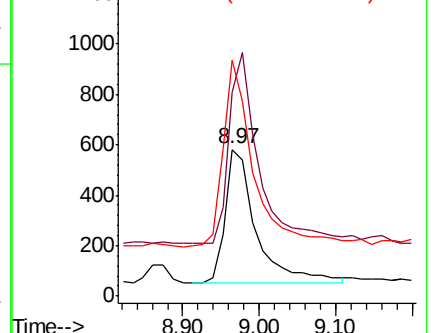
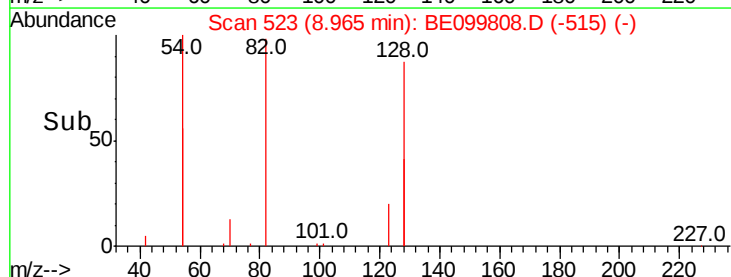
54 161.1 136.2 204.4

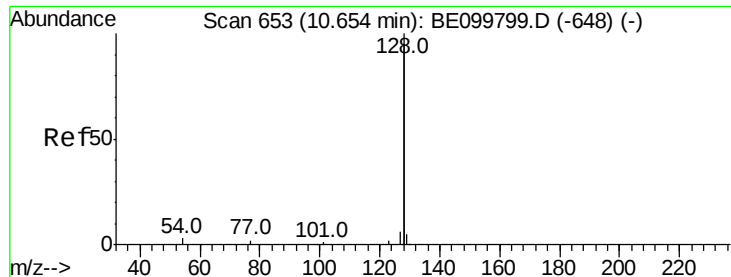


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.364 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099808.D

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BNA_E

ClientSampleId :

SSTDCCC040

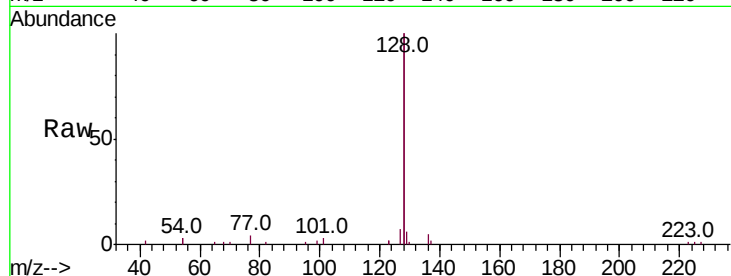
Tot Ion:128 Resp: 18707

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

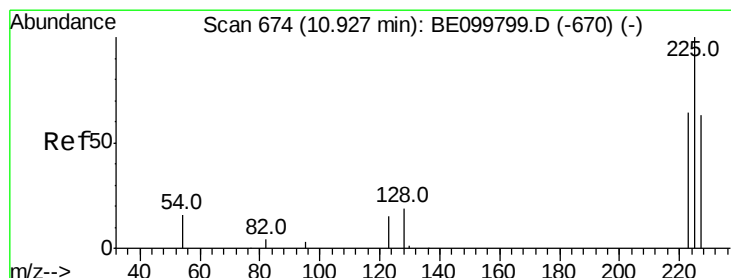
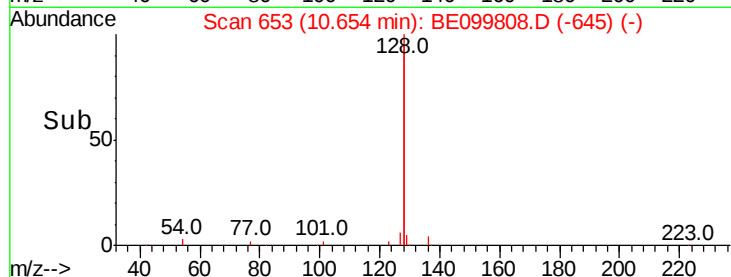
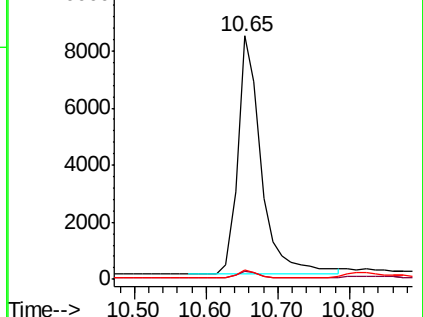
127 3.7 3.0 4.6



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: 0.363 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

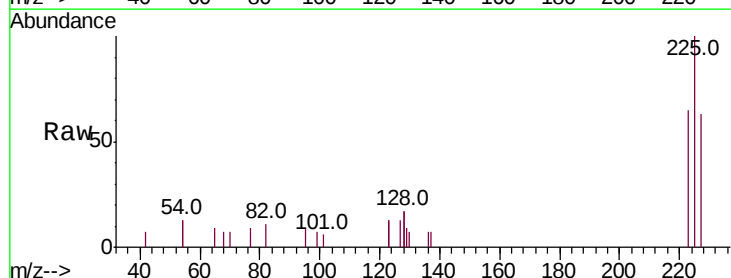
Tgt Ion:225 Resp: 1422

Ion Ratio Lower Upper

225 100

223 60.0 48.6 72.8

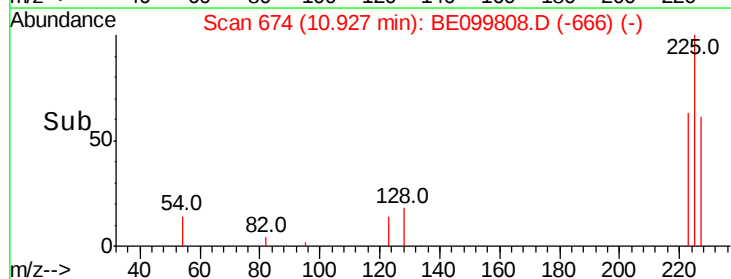
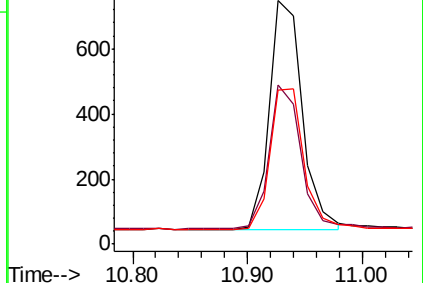
227 63.5 51.6 77.4

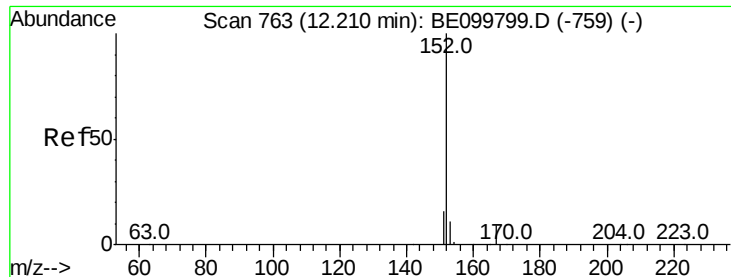


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

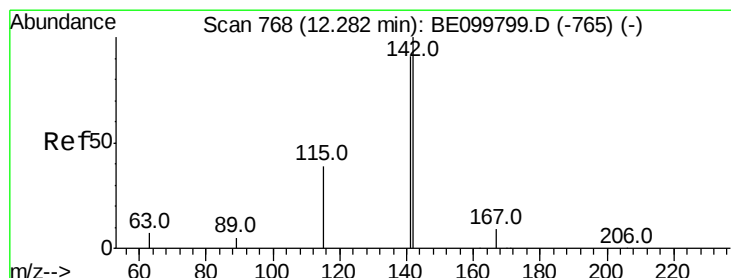
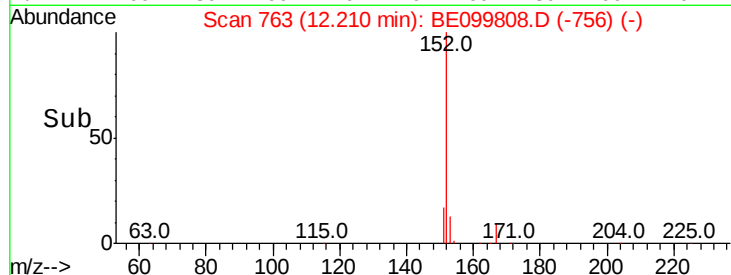
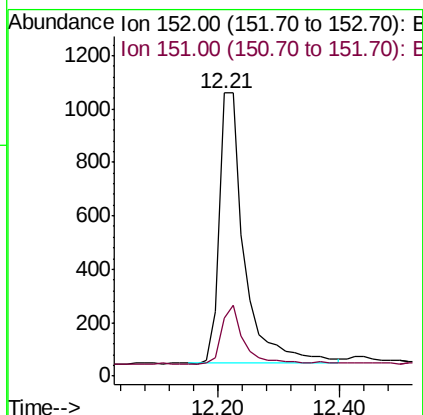
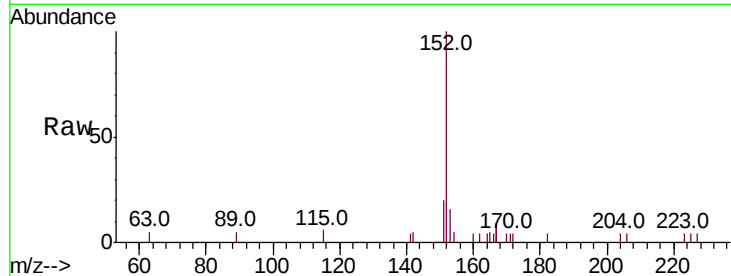




#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

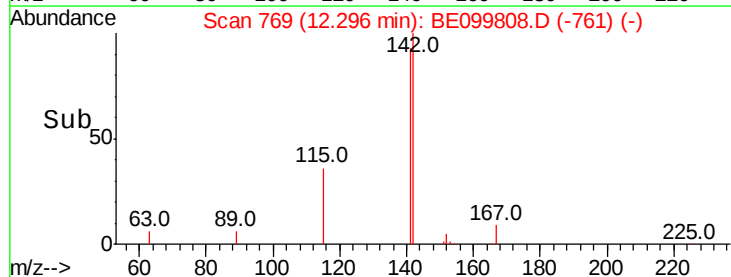
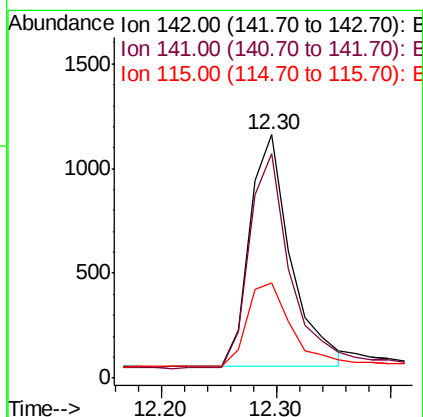
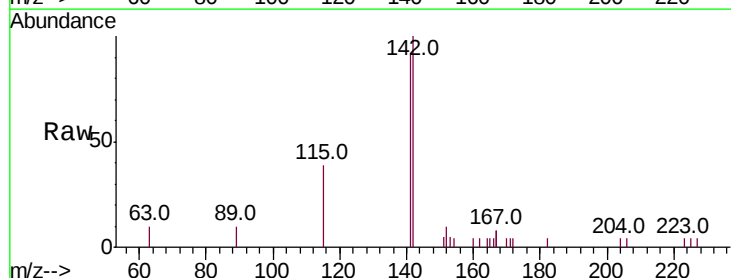
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC040

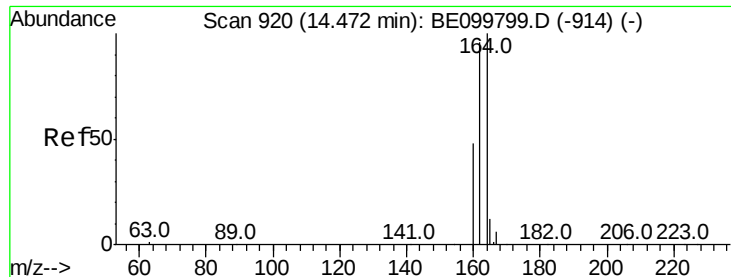
Tot Ion:152 Resp: 2918
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.335 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

Tgt Ion:142 Resp: 2746
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.3 109.9
 115 39.2 33.4 50.2

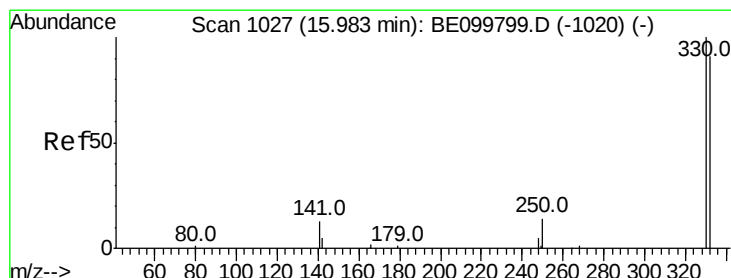
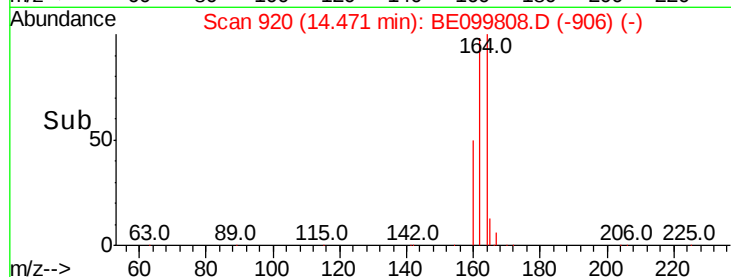
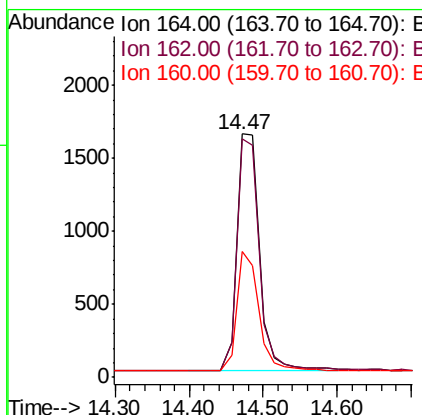
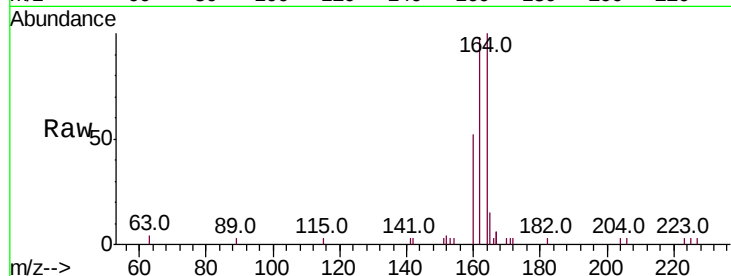




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

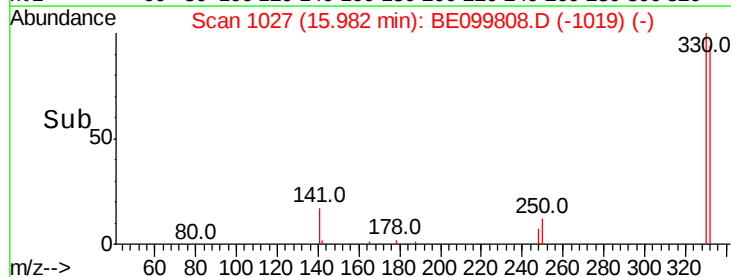
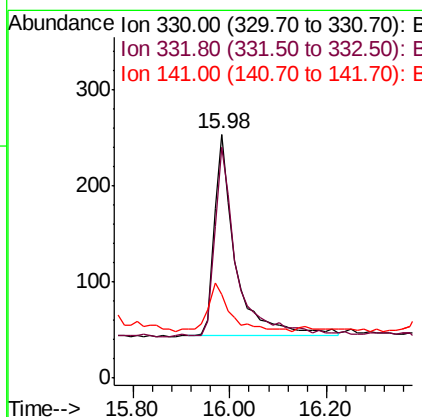
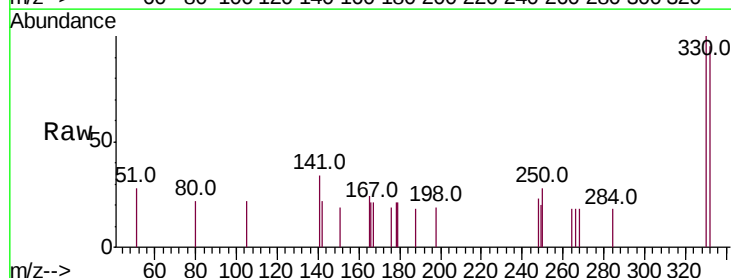
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

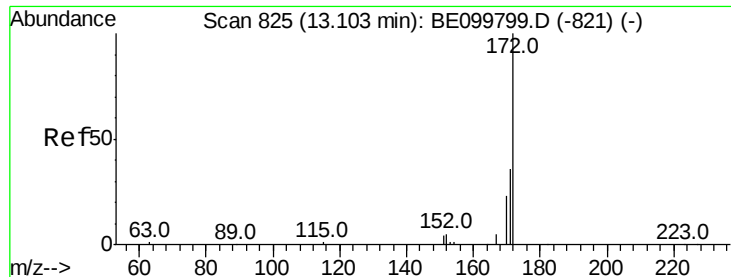
Tot Ion:164 Resp: 3461
Ion Ratio Lower Upper
164 100
162 98.0 77.2 115.8
160 51.6 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion:330 Resp: 623
Ion Ratio Lower Upper
330 100
332 96.8 74.9 112.3
141 25.4 16.0 24.0#

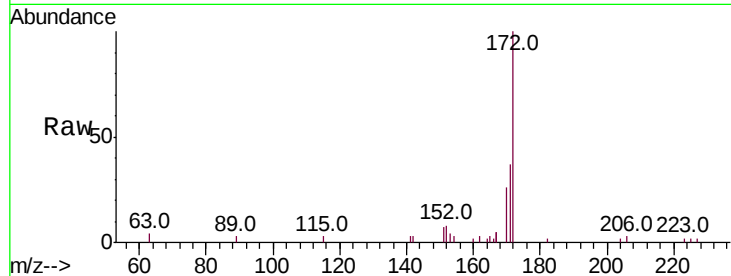




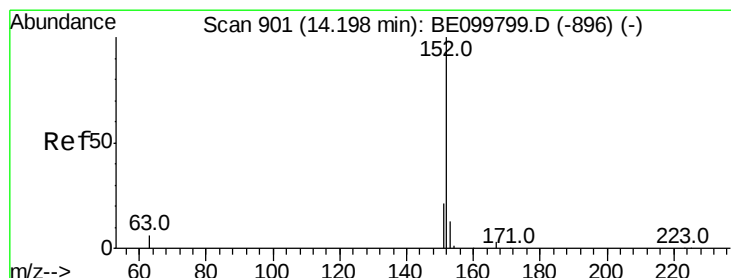
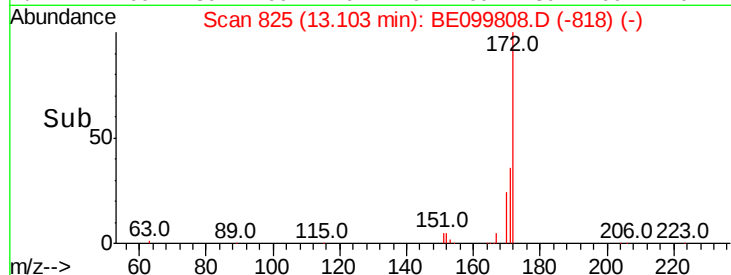
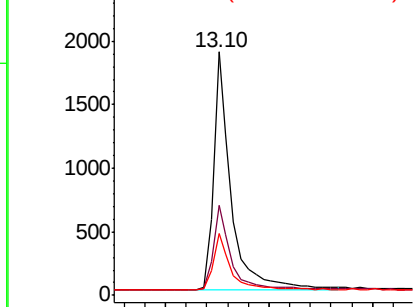
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4453
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.4
170 25.6 20.1 30.1

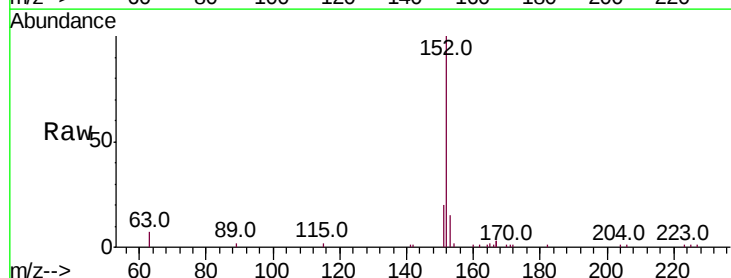


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

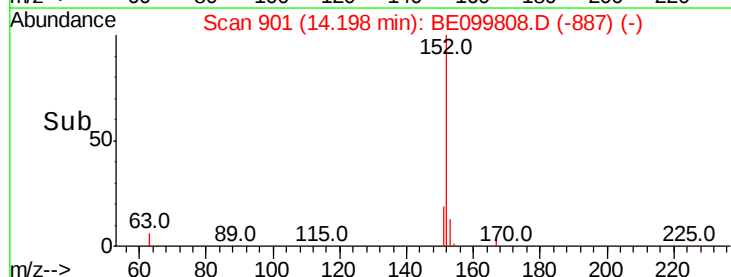
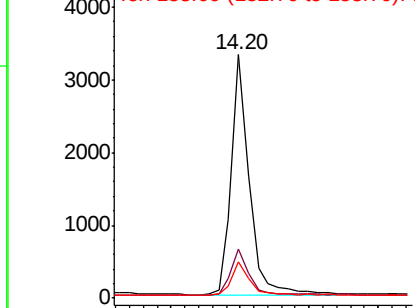


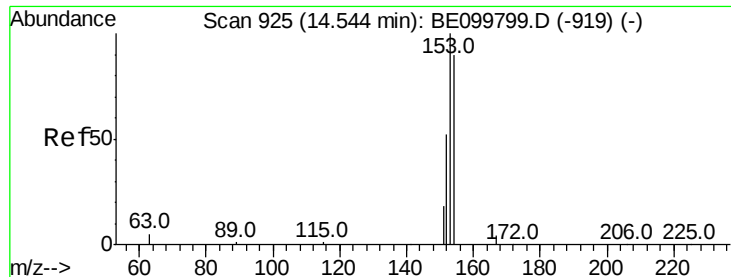
#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion:152 Resp: 5958
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.0 10.8 16.2



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

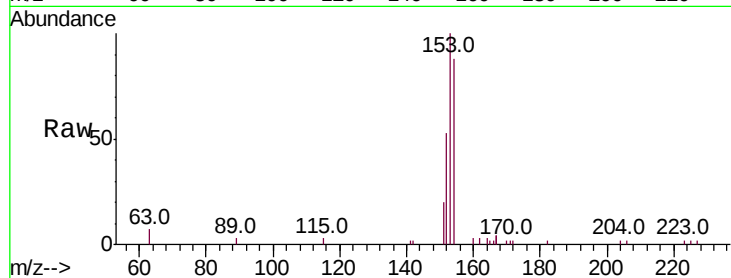




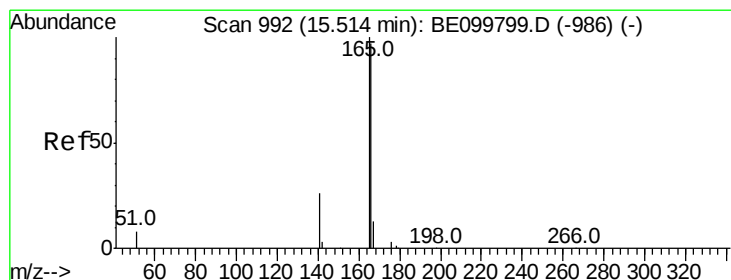
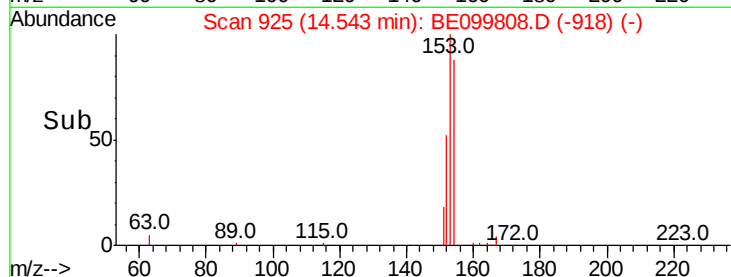
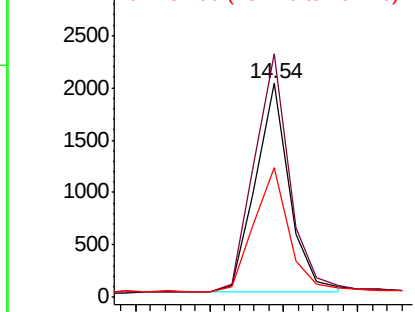
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 3178
Ion Ratio Lower Upper
154 100
153 118.0 93.8 140.6
152 60.7 48.3 72.5

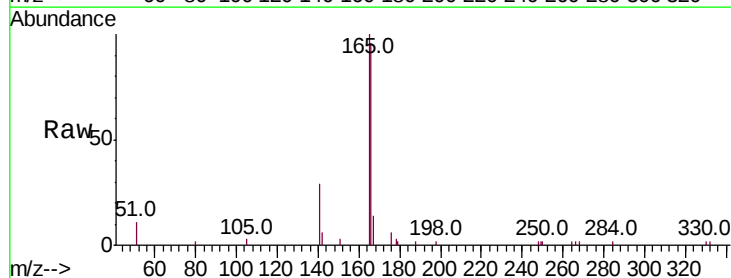


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

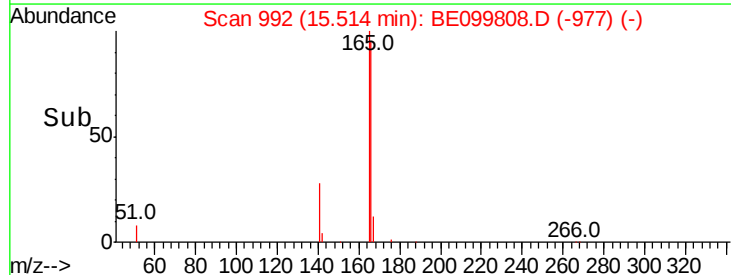
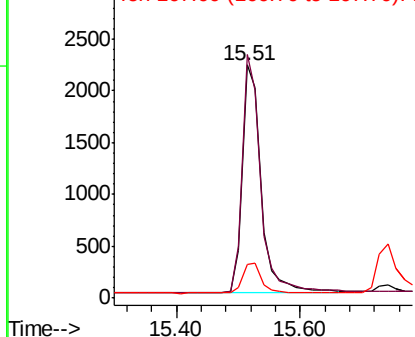


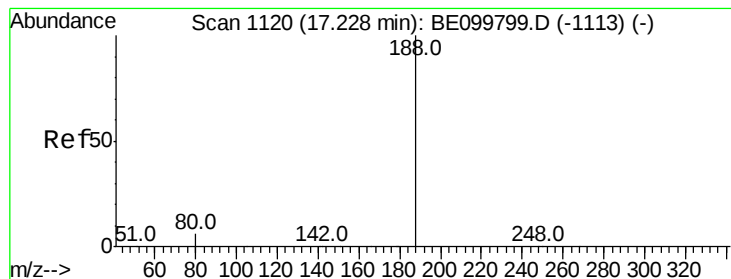
#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion:166 Resp: 4688
Ion Ratio Lower Upper
166 100
165 100.9 80.4 120.6
167 14.2 10.7 16.1



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

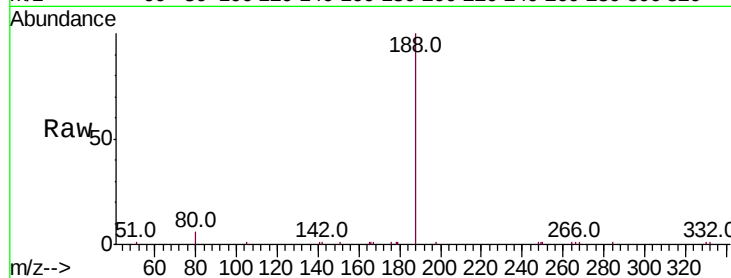
Tot Ion:188 Resp: 11521

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

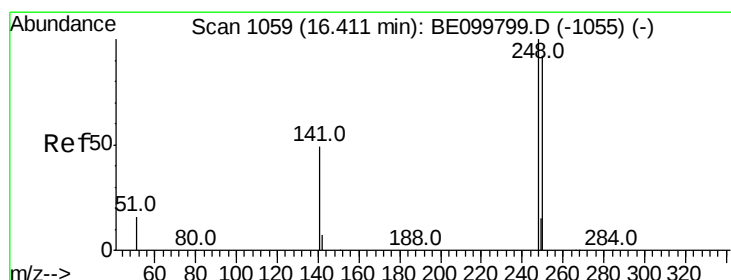
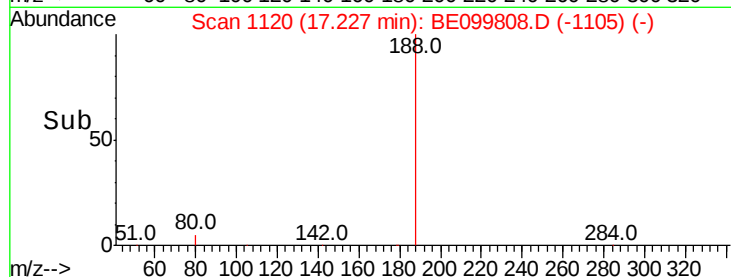
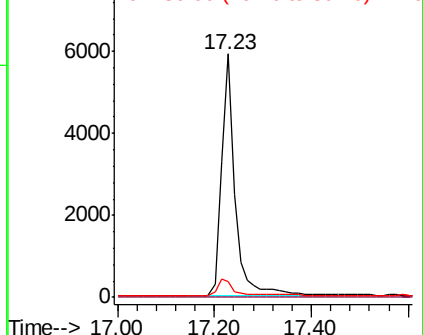
80 6.3 5.2 7.8



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: 0.348 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

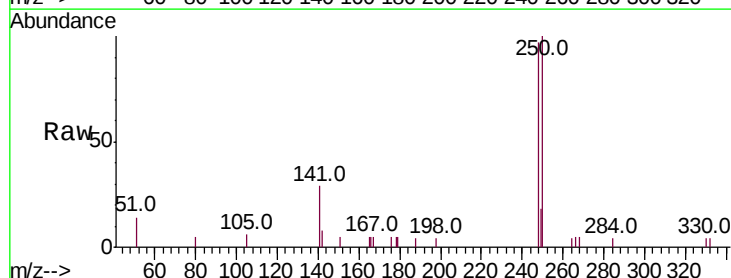
Tgt Ion:248 Resp: 2240

Ion Ratio Lower Upper

248 100

250 103.5 73.7 110.5

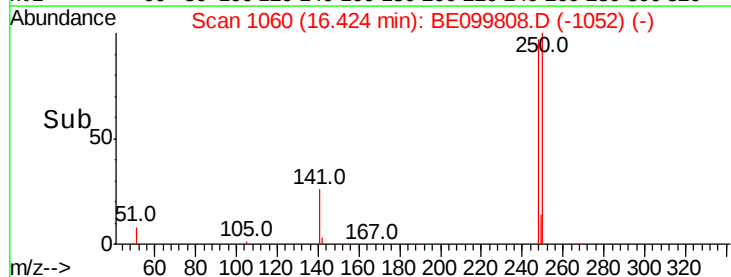
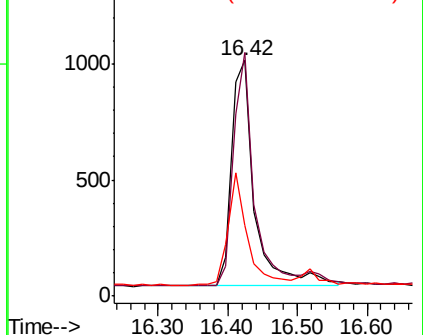
141 30.3 40.9 61.3#

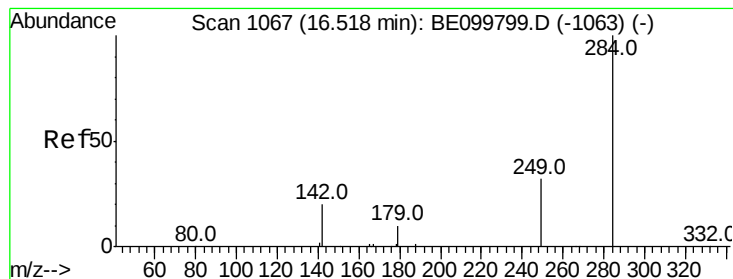


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

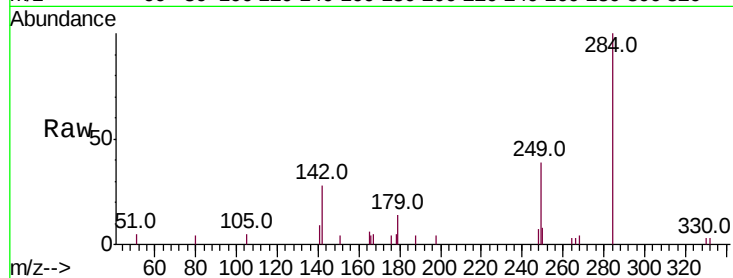
Tot Ion:284 Resp: 2396

Ion Ratio Lower Upper

284 100

142 21.6 16.2 24.4

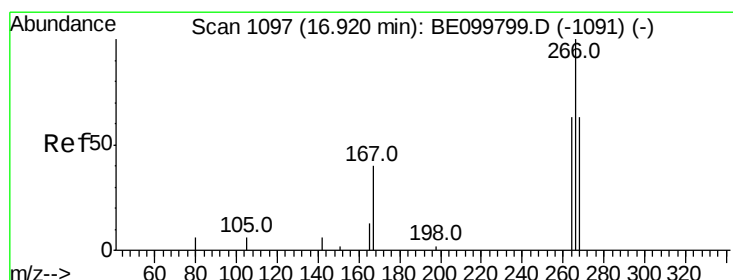
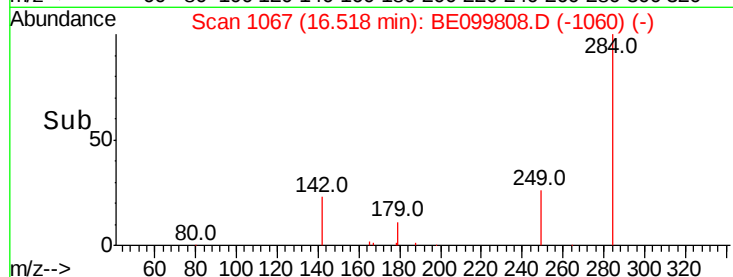
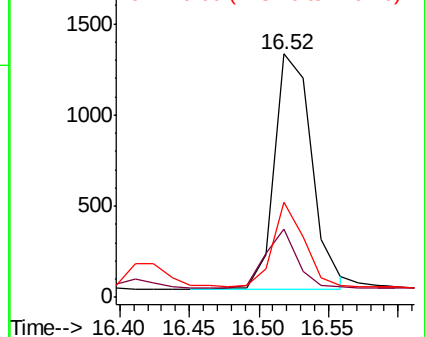
249 30.2 23.1 34.7



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: 0.332 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

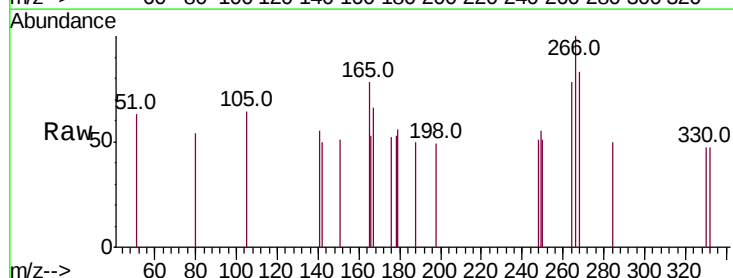
Tgt Ion:266 Resp: 122

Ion Ratio Lower Upper

266 100

264 77.7 64.9 97.3

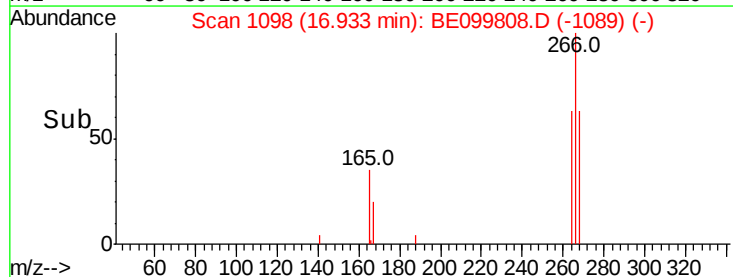
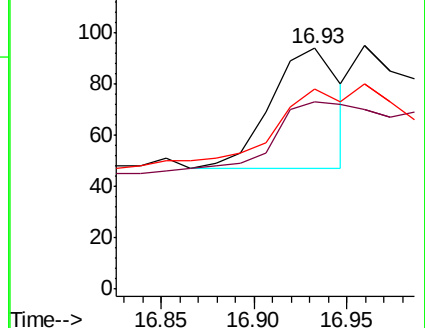
268 83.0 64.0 96.0

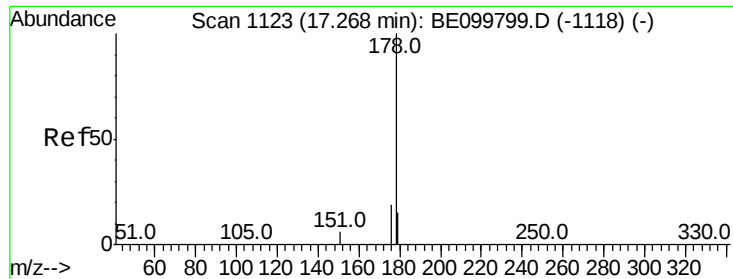


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

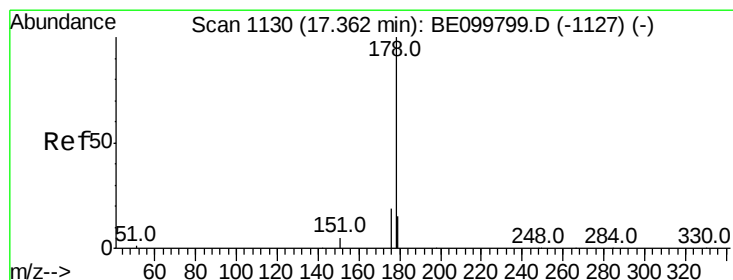
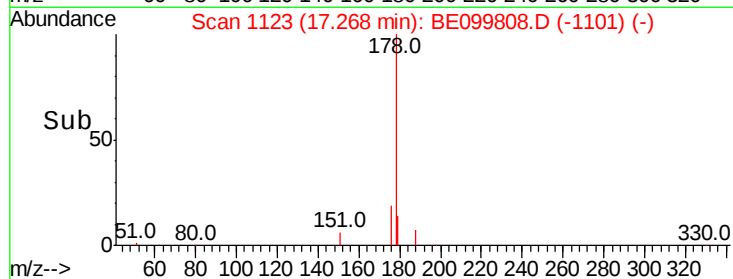
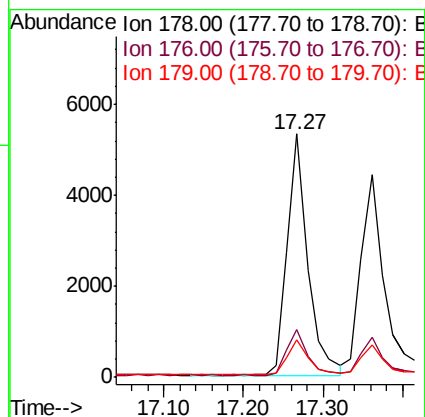
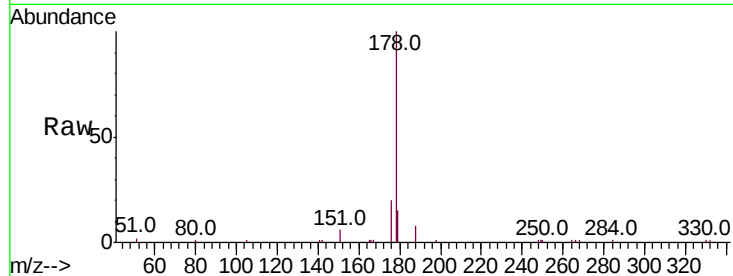




#23
Phenanthrene
Concen: 0.345 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

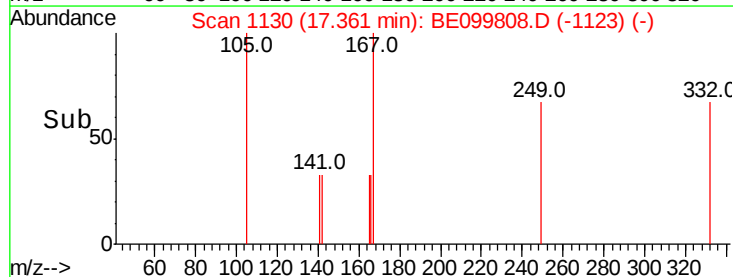
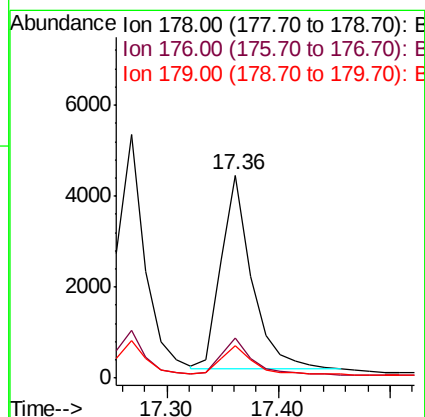
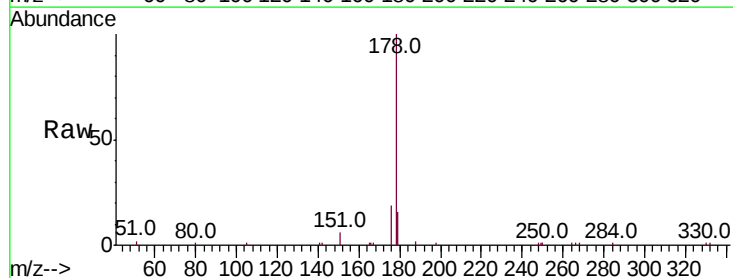
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

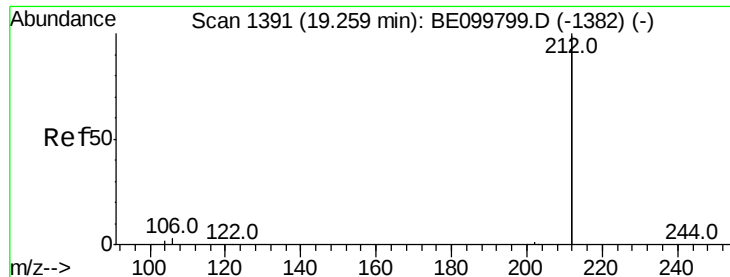
Tot Ion:178 Resp: 9491
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.5 18.7



#24
Anthracene
Concen: 0.330 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion:178 Resp: 8189
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.0 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

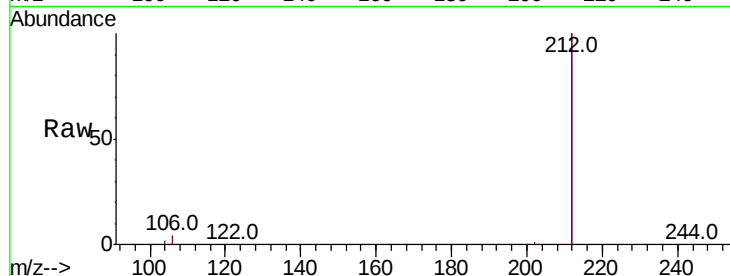
Tot Ion:212 Resp: 59868

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

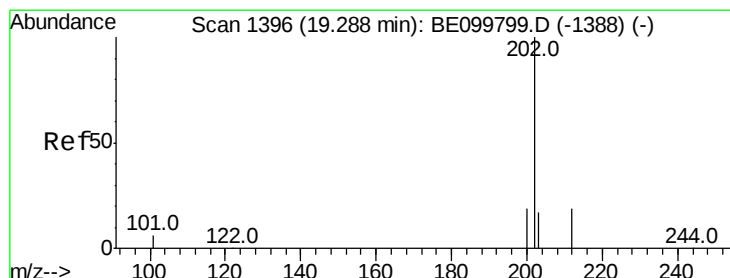
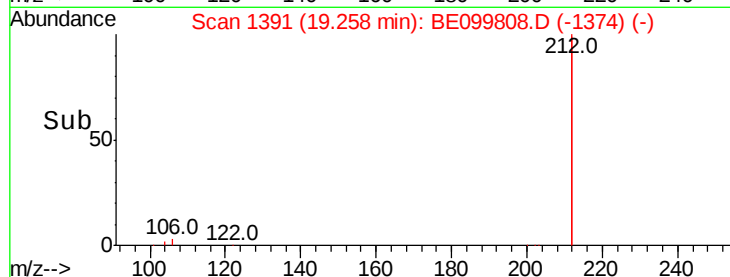
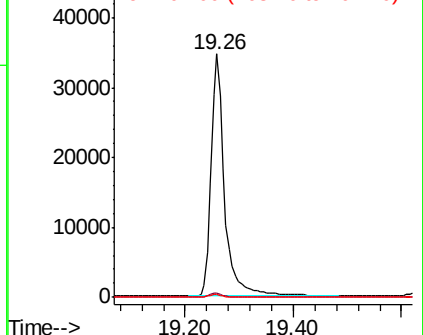
104 1.0 0.8 1.2



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: 0.356 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

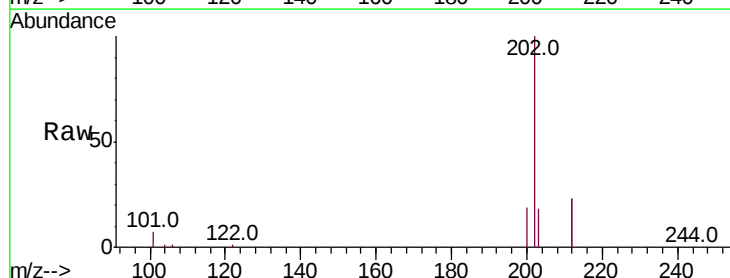
Tgt Ion:202 Resp: 17147

Ion Ratio Lower Upper

202 100

101 6.9 5.2 7.8

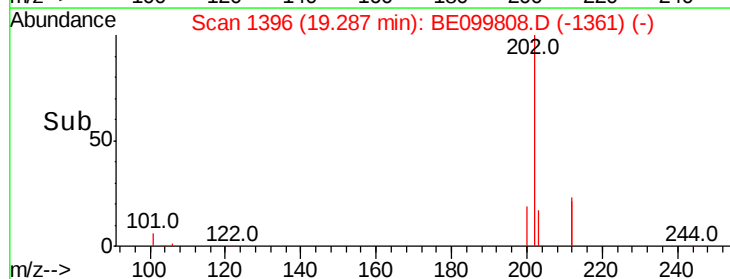
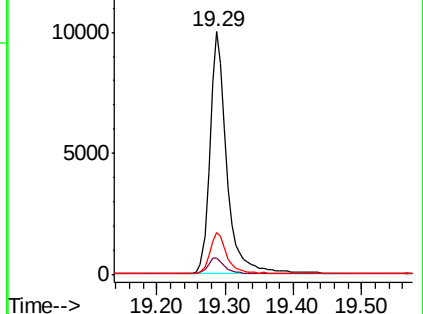
203 17.3 13.6 20.4

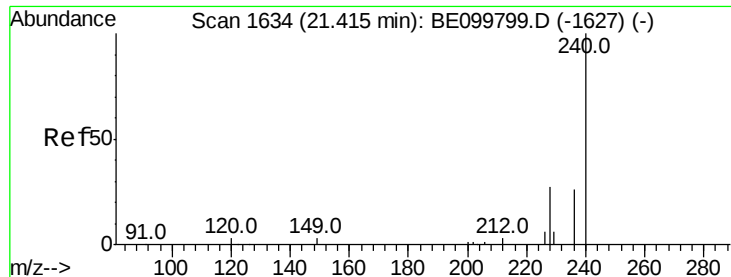


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

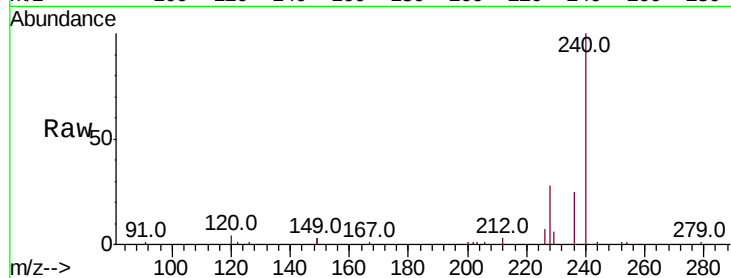
Tot Ion:240 Resp: 19333

Ion Ratio Lower Upper

240 100

120 3.6 2.8 4.2

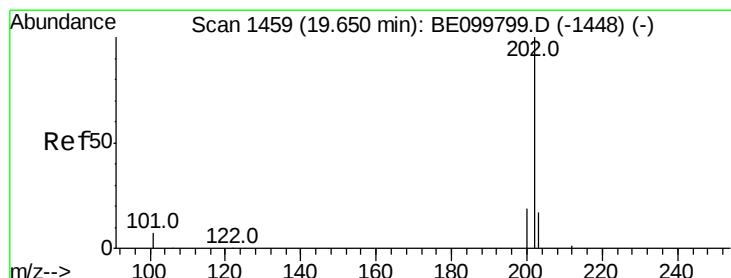
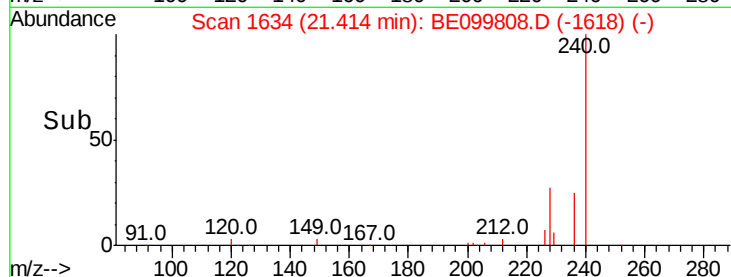
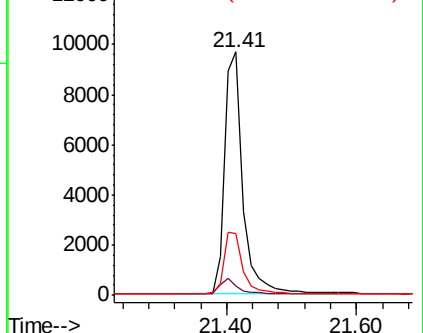
236 25.5 20.9 31.3



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: 0.387 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

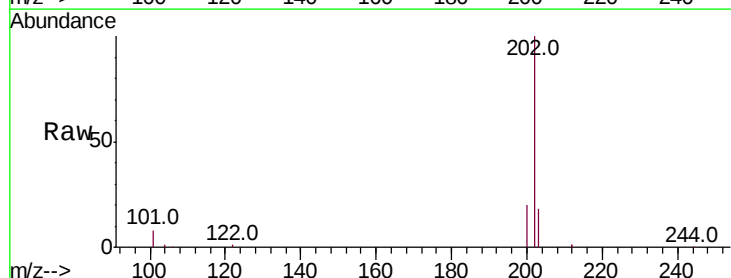
Tgt Ion:202 Resp: 18095

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

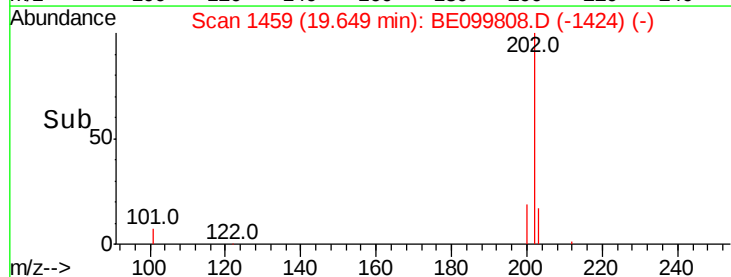
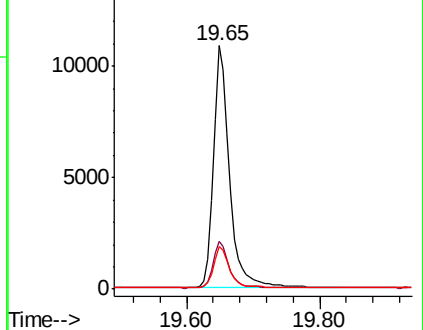
203 17.3 14.1 21.1

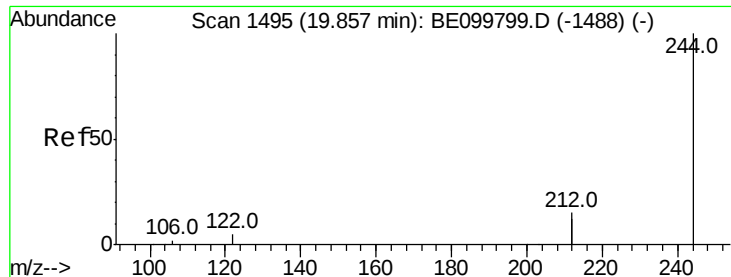


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

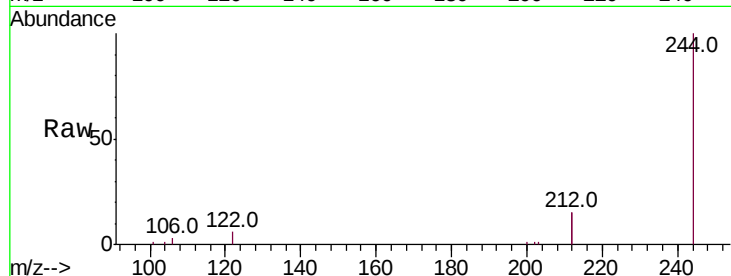
Tot Ion:244 Resp: 12153

Ion Ratio Lower Upper

244 100

212 30.6 23.7 35.5

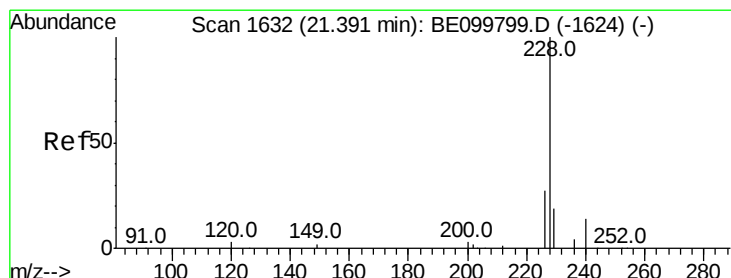
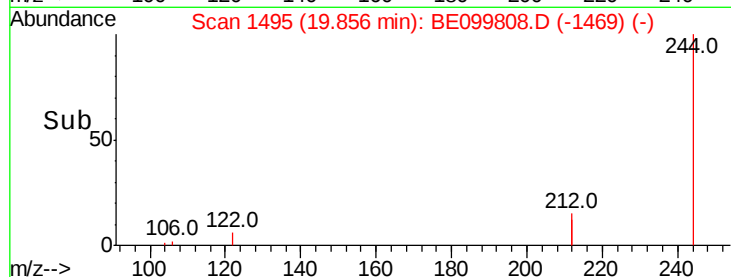
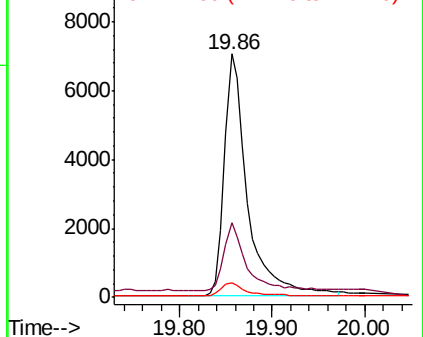
122 6.2 4.8 7.2



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: 0.404 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

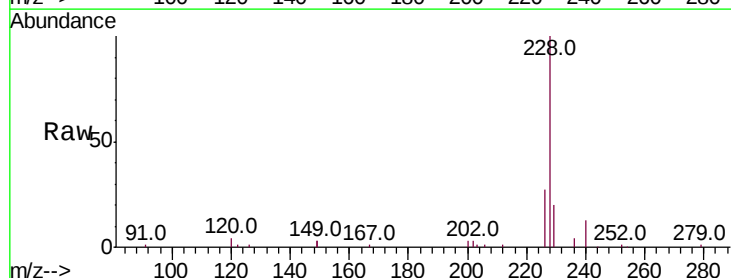
Tgt Ion:228 Resp: 21553

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

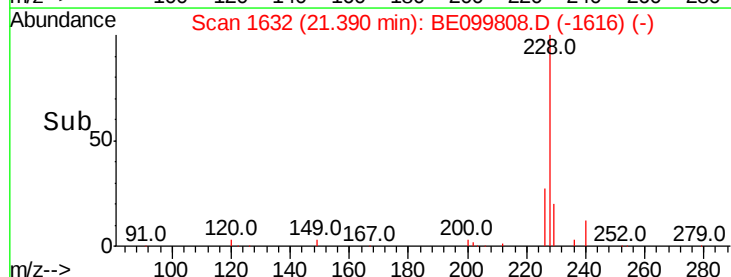
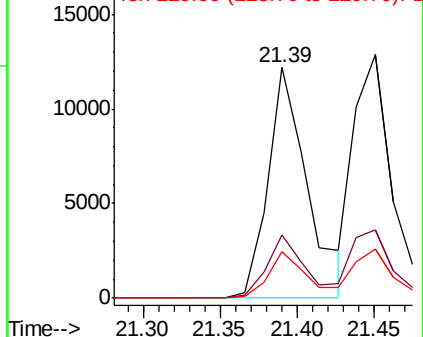
229 20.0 15.8 23.6

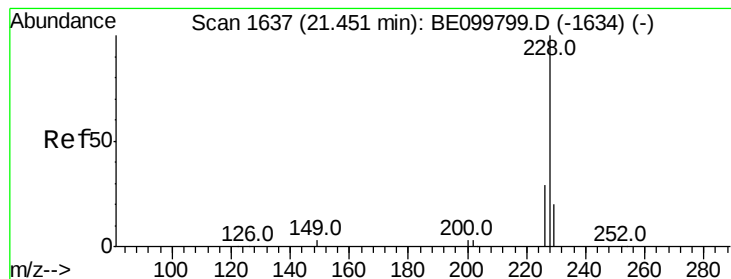


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

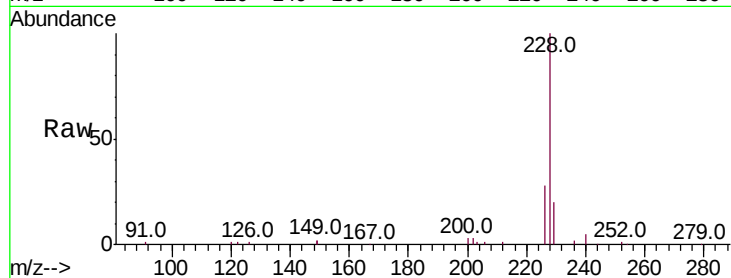
Tot Ion:228 Resp: 22014

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.9	34.3
229	20.1	16.4	24.6

228 100

226 28.2 22.9 34.3

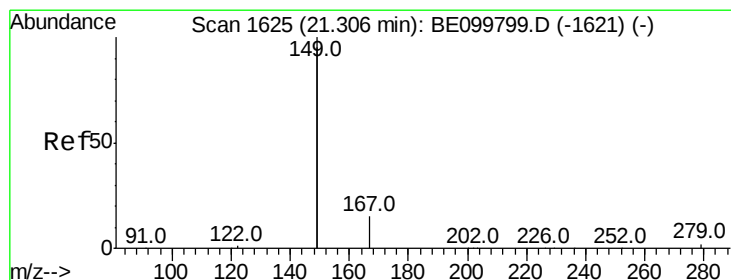
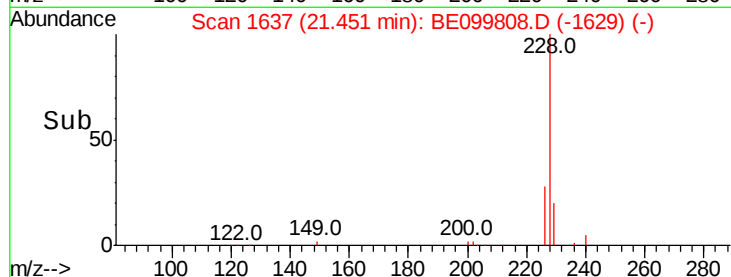
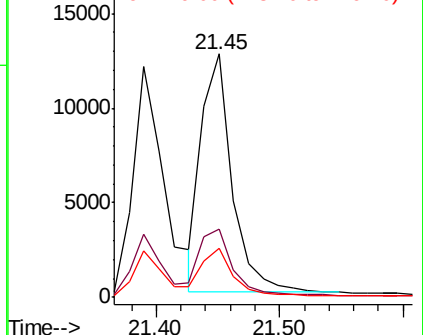
229 20.1 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

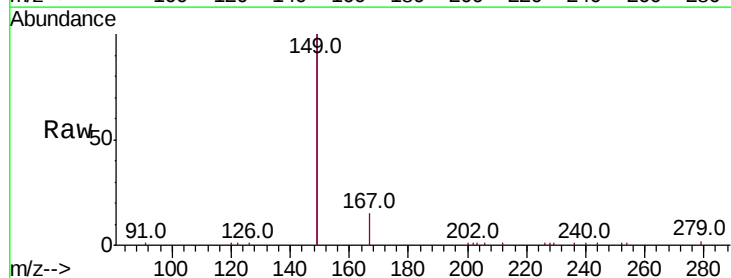
Tgt Ion:149 Resp: 20633

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.4	1.2	1.8

149 100

167 7.6 6.0 9.0

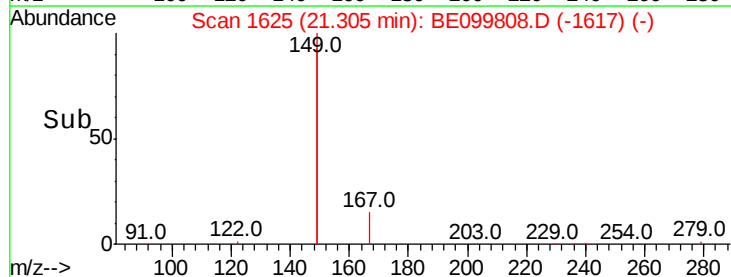
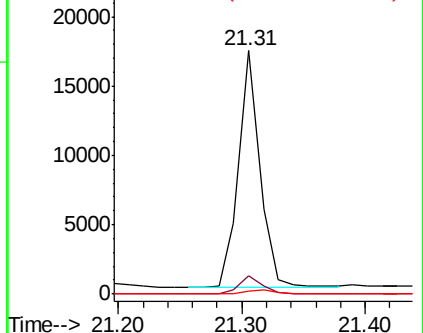
279 1.4 1.2 1.8

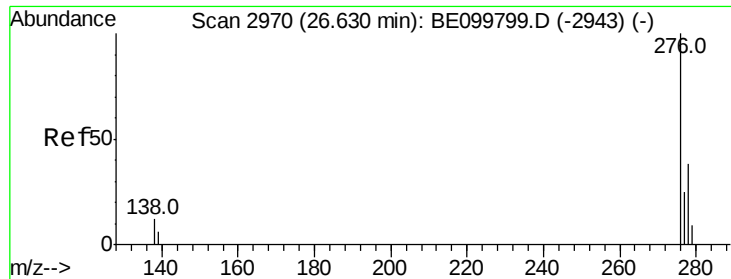


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

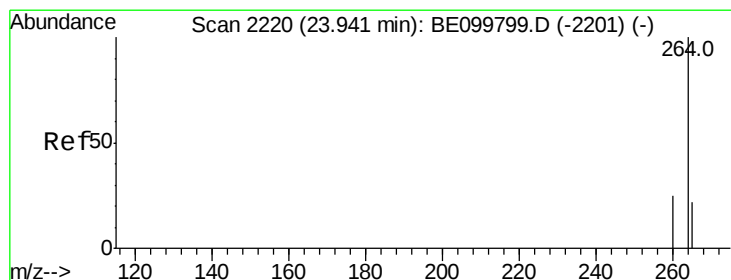
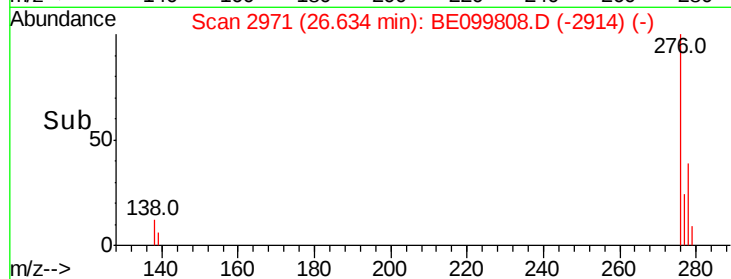
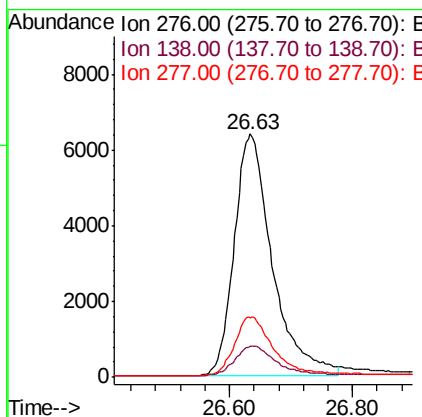
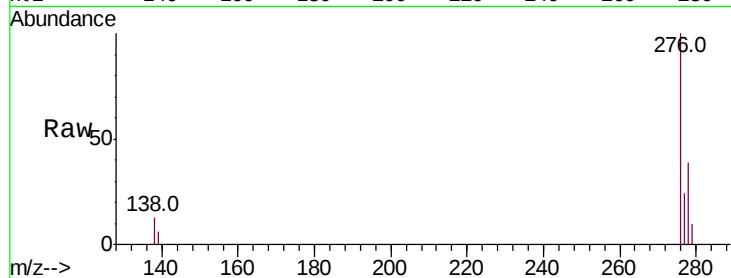




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.387 ng
 RT: 26.63 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

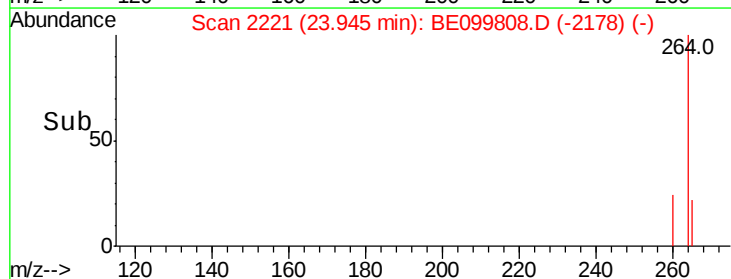
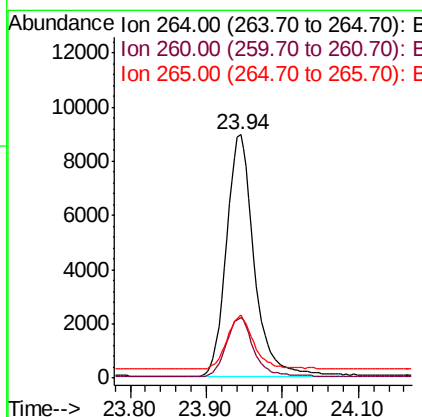
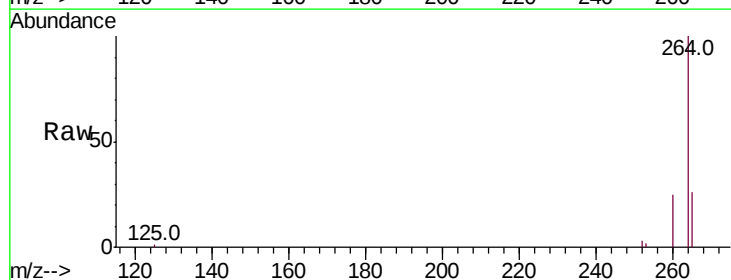
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC040

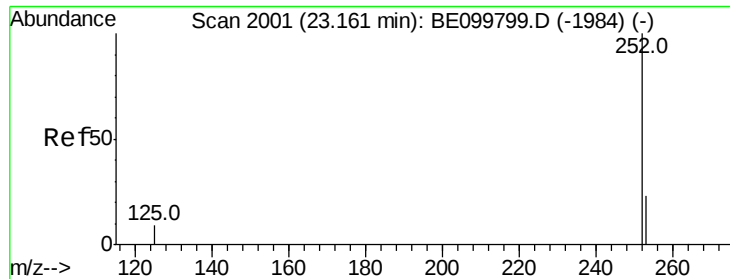
Tot Ion:276 Resp: 27346
 Ion Ratio Lower Upper
 276 100
 138 12.9 10.3 15.5
 277 25.0 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099808.D
 Acq: 5 Jun 2019 17:44

Tgt Ion:264 Resp: 22727
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 25.7 20.7 31.1

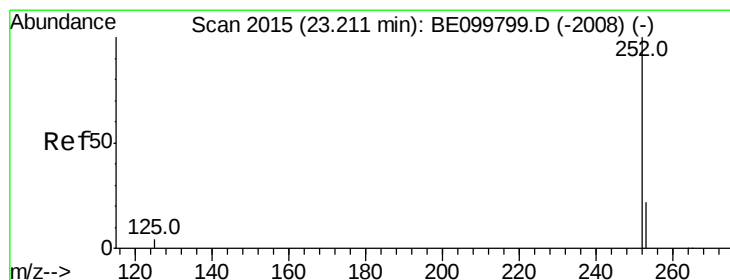
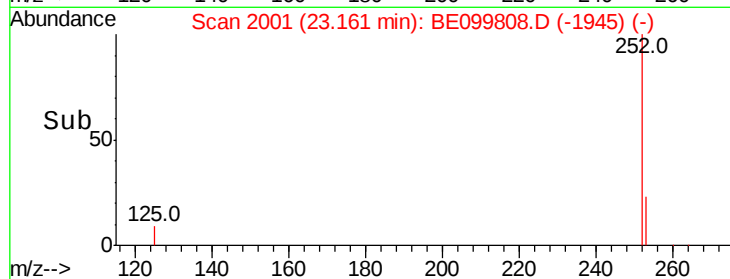
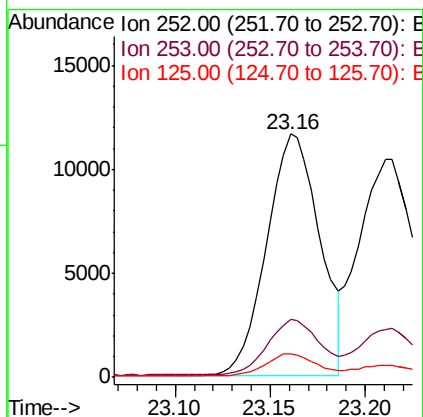
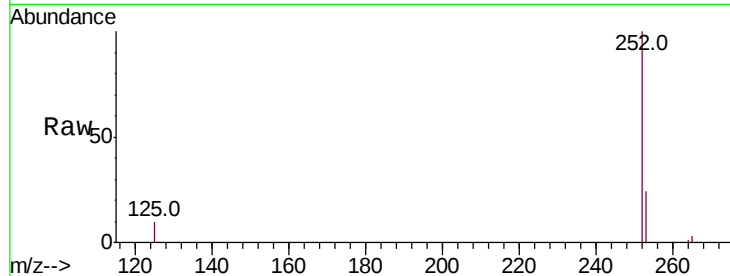




#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

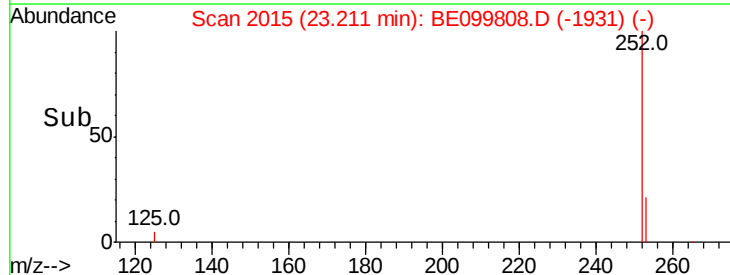
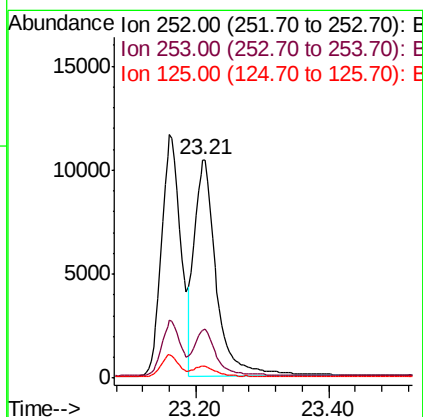
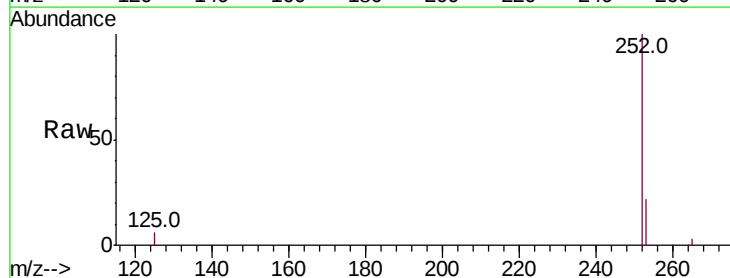
Instrument :
BNA_E
ClientSampleId :
SSTDCCC040

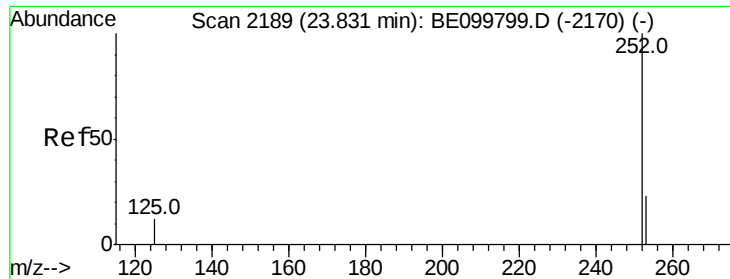
Tot Ion:252 Resp: 22602
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 9.5 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE099808.D
Acq: 5 Jun 2019 17:44

Tgt Ion:252 Resp: 23786
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.7 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.356 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

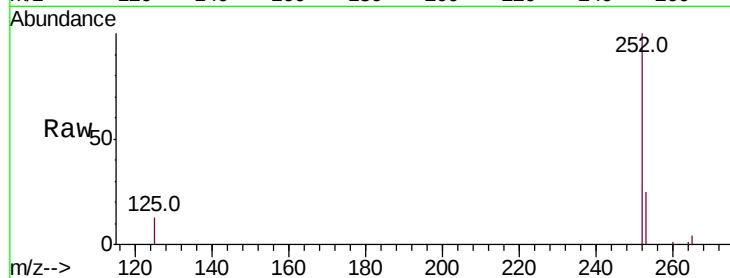
Tot Ion:252 Resp: 21696

Ion Ratio Lower Upper

252 100

253 25.1 19.3 28.9

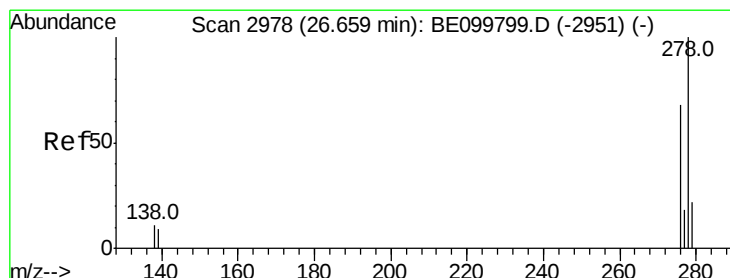
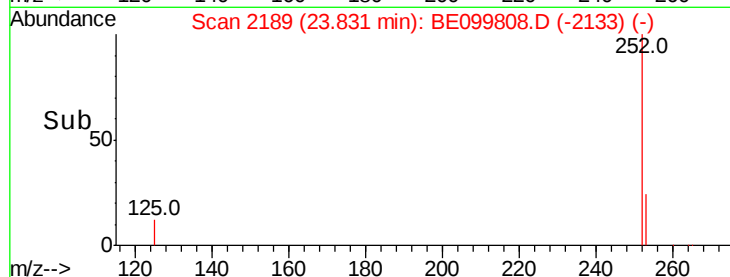
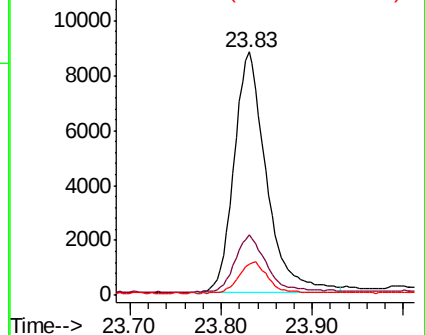
125 12.8 10.2 15.4



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: 0.358 ng

RT: 26.66 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

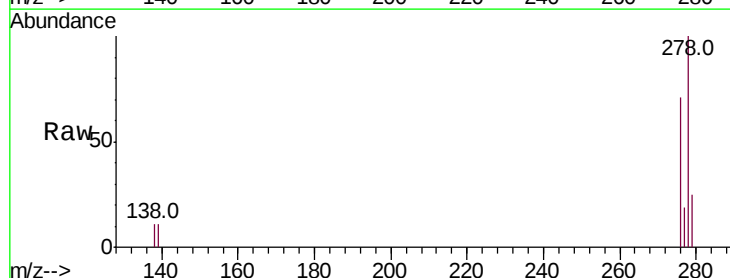
Tgt Ion:278 Resp: 22199

Ion Ratio Lower Upper

278 100

139 10.6 7.9 11.9

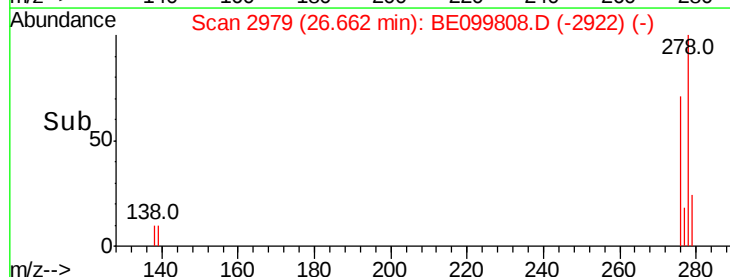
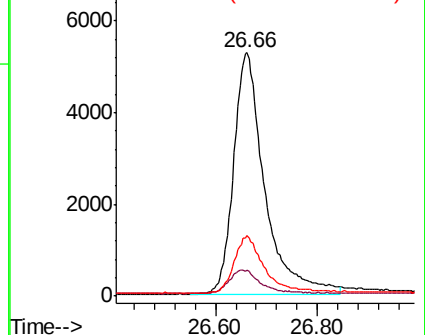
279 25.0 18.5 27.7

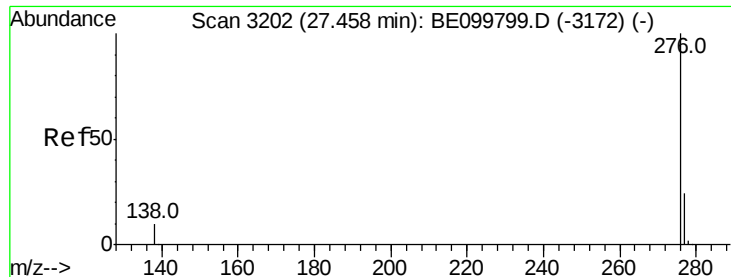


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.346 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099808.D

Acq: 5 Jun 2019 17:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC040

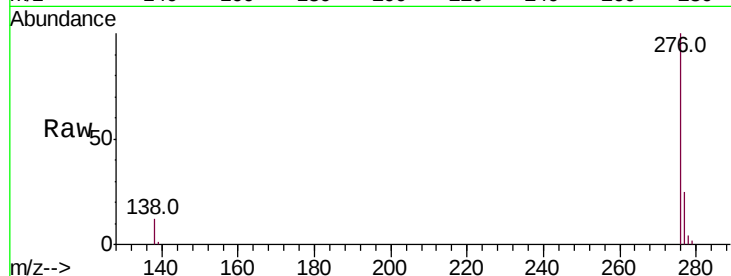
Tot Ion:276 Resp: 22576

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 11.6 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

