

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099805.D
 Acq On : 5 Jun 2019 14:53
 Operator : JU/SJ
 Sample : SSTCICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060519

Quant Time: Jun 05 15:29:36 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	7.82	152	1809	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	6396	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	4370	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	13555	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18921	0.40	ng	0.00
34) Perylene-d12	23.95	264	20378	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1971	0.45	ng	0.02
5) Phenol-d6	6.99	99	2448	0.43	ng	0.02
8) Nitrobenzene-d5	8.99	82	2364	0.42	ng	0.02
11) 2-Methylnaphthalene-d10	12.22	152	4428	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	963	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	7346	0.45	ng	0.01
25) Fluoranthene-d10	19.26	212	70834	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	13986	0.45	ng	0.00

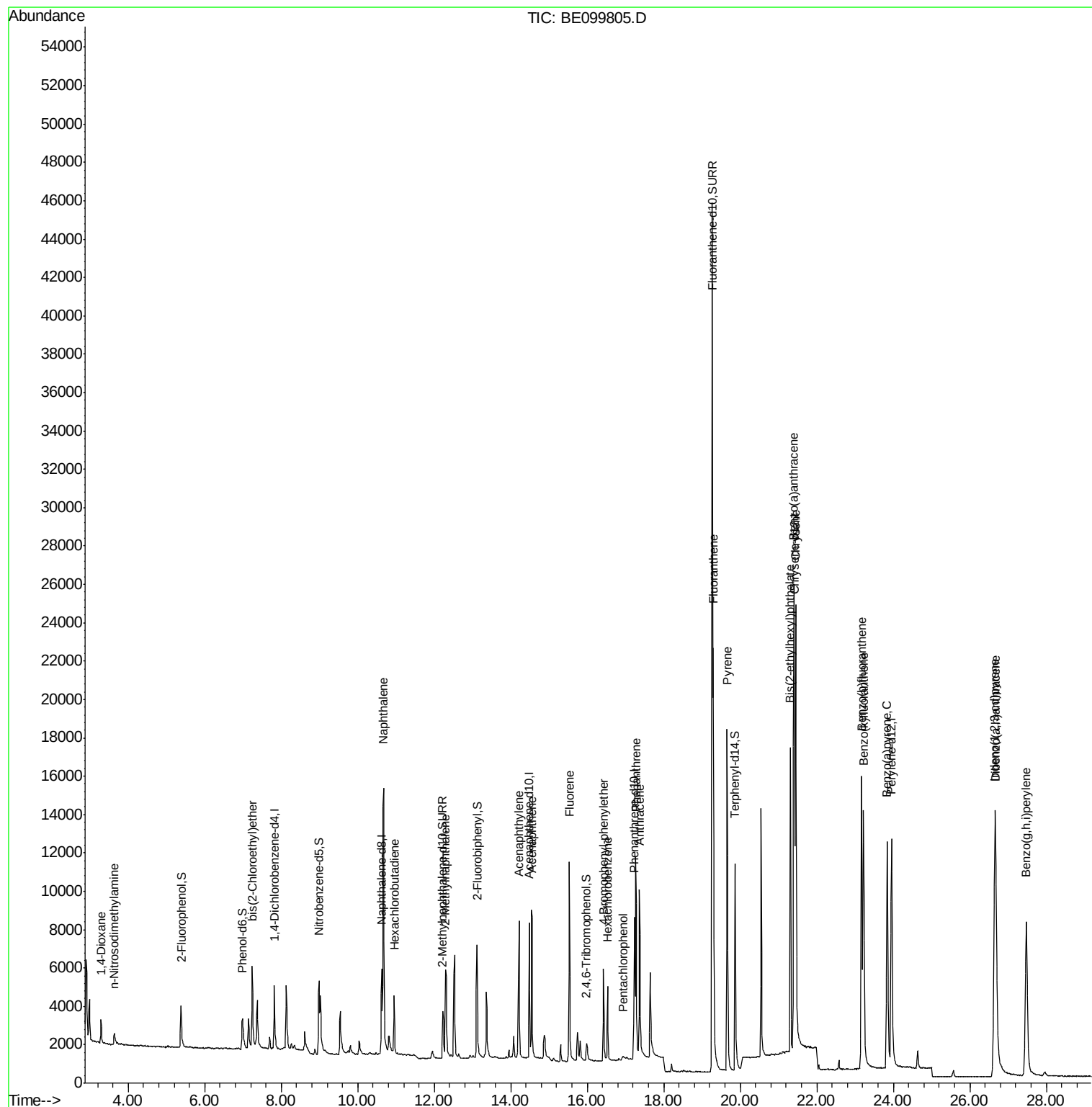
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1138	0.434	ng	93
3) n-Nitrosodimethylamine	3.63	42	437	0.314	ng	# 85
6) bis(2-Chloroethyl)ether	7.24	93	2100	0.423	ng	94
9) Naphthalene	10.68	128	28482	0.417	ng	99
10) Hexachlorobutadiene	10.95	225	2239	0.430	ng	100
12) 2-Methylnaphthalene	12.30	142	4457	0.409	ng	99
16) Acenaphthylene	14.21	152	9052	0.429	ng	99
17) Acenaphthene	14.56	154	4914	0.426	ng	99
18) Fluorene	15.53	166	7068	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	3124	0.413	ng	# 92
21) Hexachlorobenzene	16.53	284	3395	0.410	ng	98
22) Pentachlorophenol	16.93	266	380	0.419	ng	94
23) Phenanthrene	17.27	178	13254	0.410	ng	100
24) Anthracene	17.36	178	11318	0.387	ng	99
26) Fluoranthene	19.29	202	20373	0.359	ng	100
28) Pyrene	19.66	202	20568	0.450	ng	100
30) Benzo(a)anthracene	21.40	228	21271	0.407	ng	98
31) Chrysene	21.45	228	23866	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	23171	0.386	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	28165	0.407	ng	100
35) Benzo(b)fluoranthene	23.17	252	23426	0.415	ng	100
36) Benzo(k)fluoranthene	23.22	252	24939	0.416	ng	99
37) Benzo(a)pyrene	23.84	252	22630	0.414	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	22051	0.396	ng	98
39) Benzo(g,h,i)perylene	27.48	276	23402	0.400	ng	99

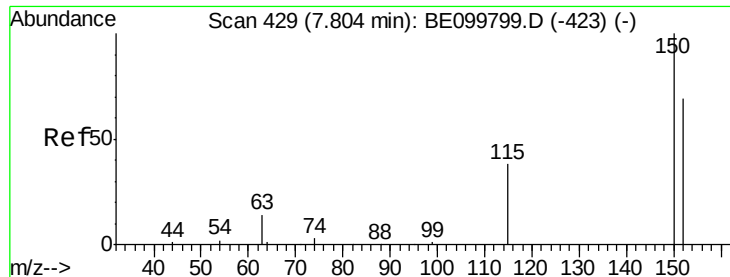
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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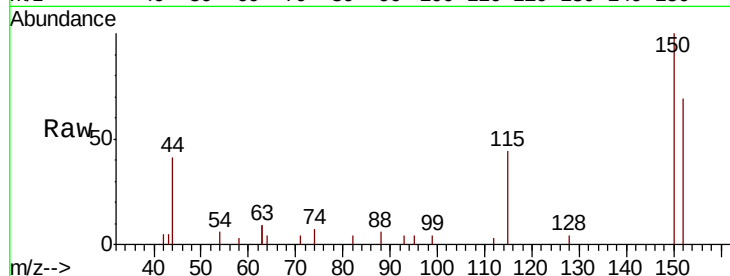


#1

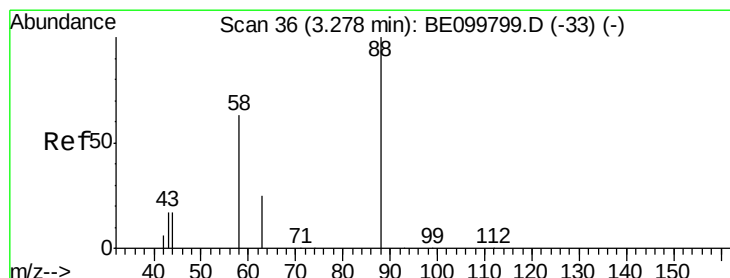
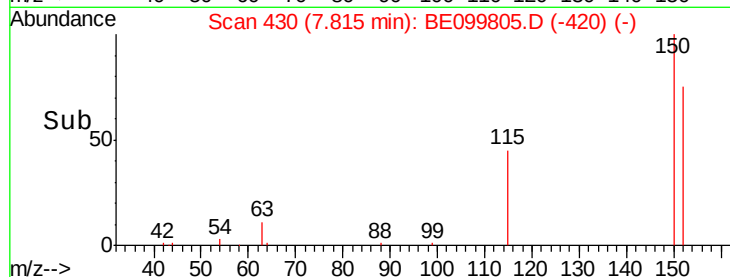
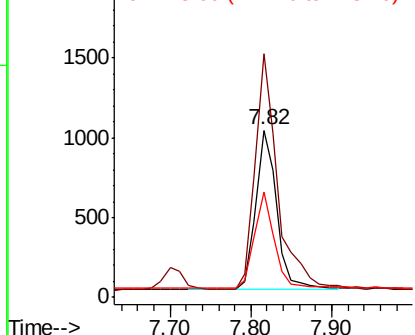
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE099805.D
Acq: 5 Jun 2019 14:53

Instrument :
BNA_E
ClientSampleId :
ICVBE060519

Tot Ion:152 Resp: 1809
Ion Ratio Lower Upper
152 100
150 145.5 112.8 169.2
115 63.3 47.6 71.4



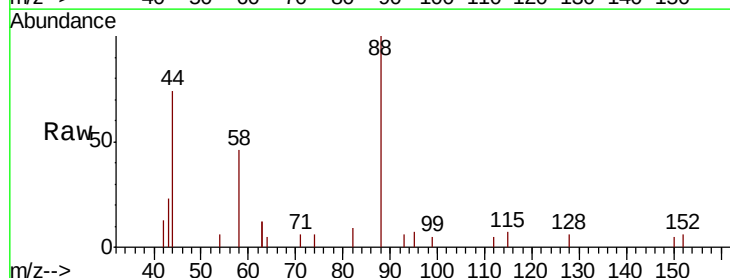
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



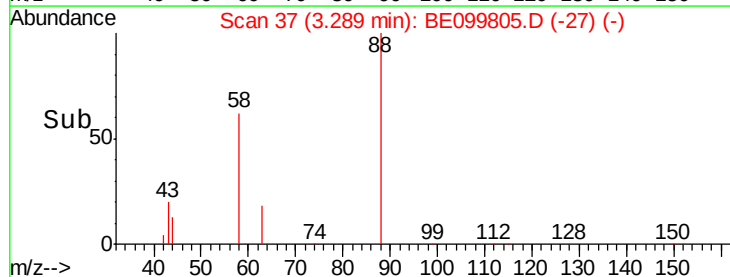
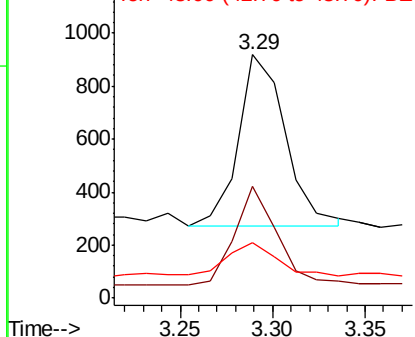
#2

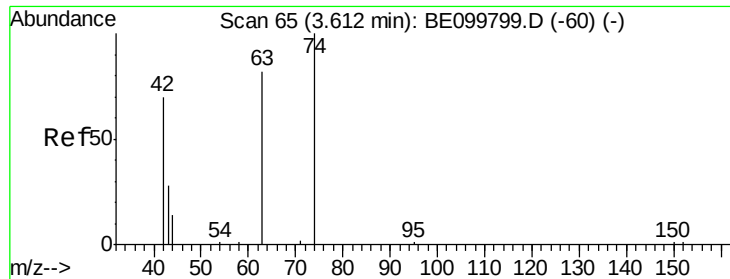
1,4-Dioxane
Concen: 0.434 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099805.D
Acq: 5 Jun 2019 14:53

Tgt Ion: 88 Resp: 1138
Ion Ratio Lower Upper
88 100
58 52.2 47.3 70.9
43 22.1 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: 0.314 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

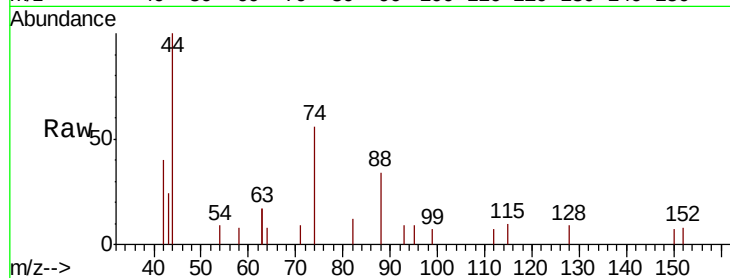
Tot Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

74 182.6 132.6 198.8

44 0.0 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

800

600

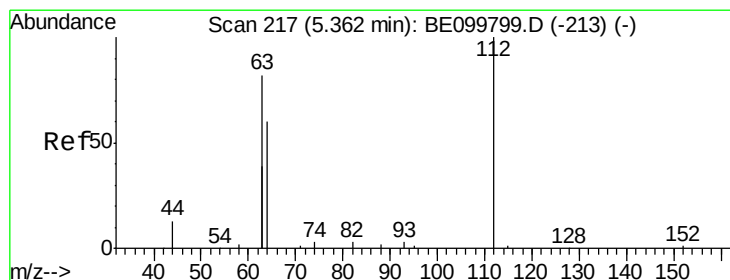
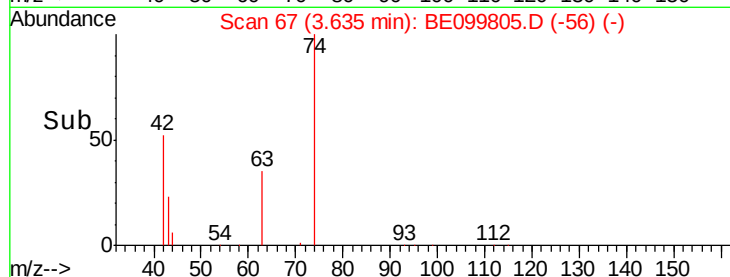
400

200

0

3.50 3.55 3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.448 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

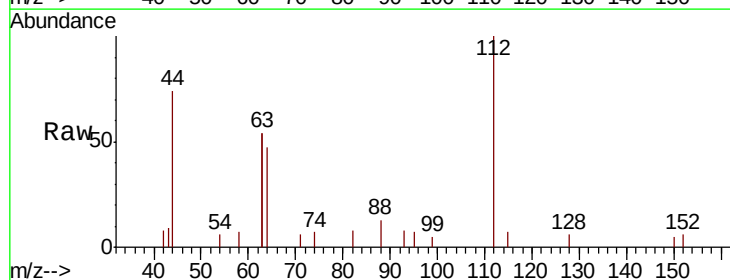
Tgt Ion: 112 Resp: 1971

Ion Ratio Lower Upper

112 100

64 51.0 47.2 70.8

63 113.2 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

1500

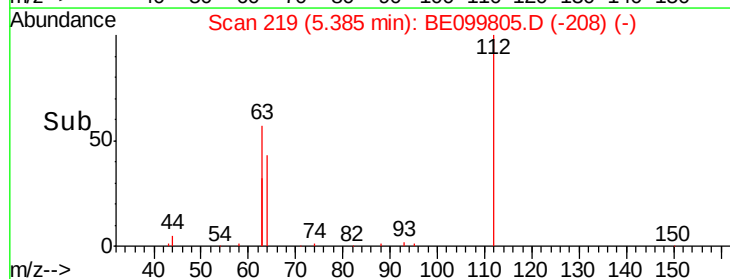
1000

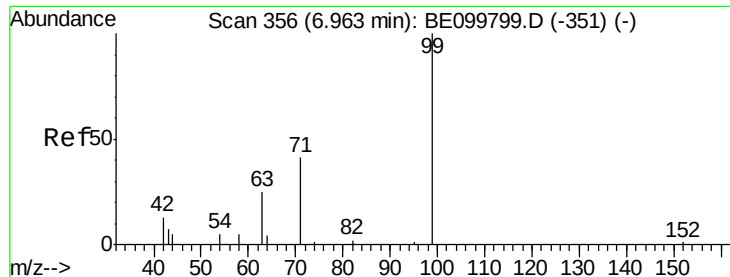
500

0

5.20 5.40 5.60

Time-->





#5

Phenol-d6

Concen: 0.432 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

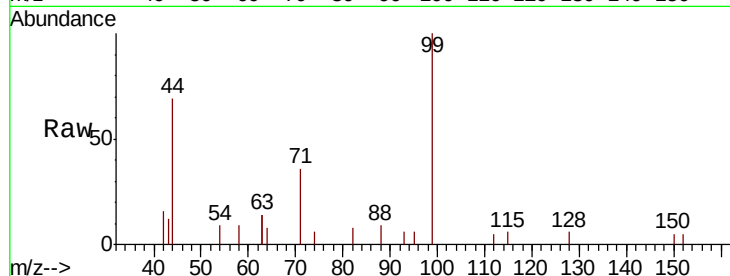
Tot Ion: 99 Resp: 2448

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

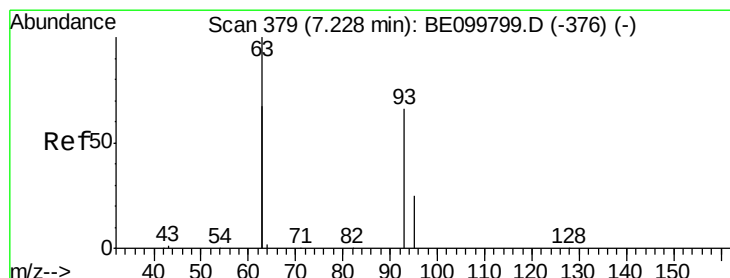
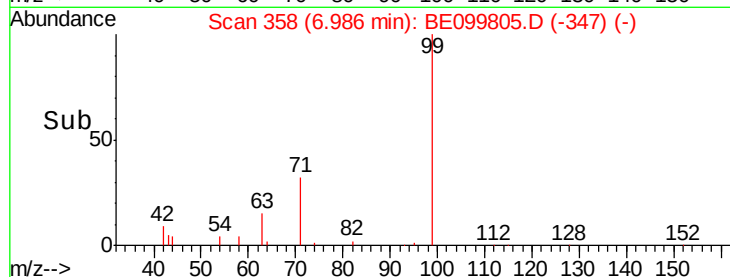
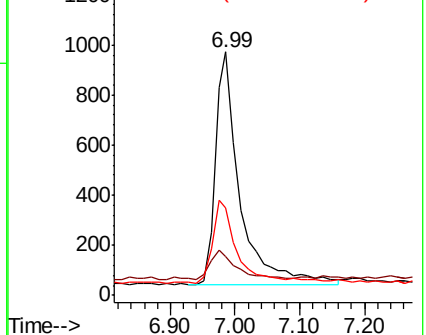
71 36.7 26.1 39.1



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: 0.423 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

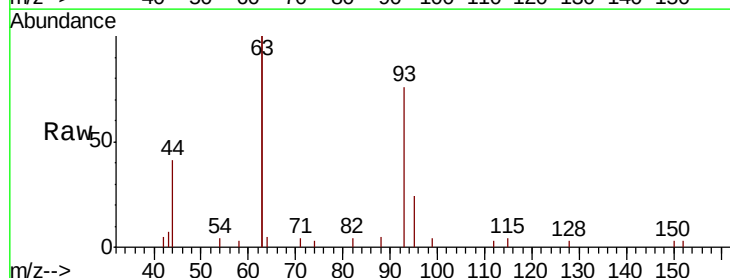
Tgt Ion: 93 Resp: 2100

Ion Ratio Lower Upper

93 100

63 249.7 208.8 313.2

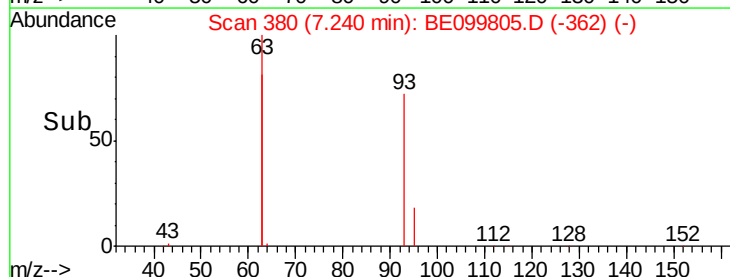
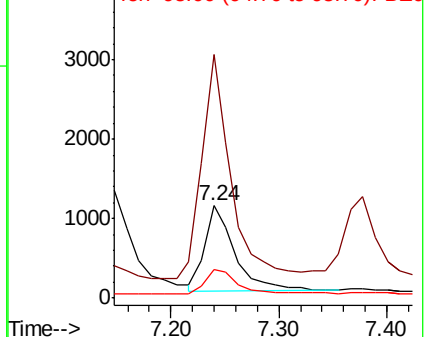
95 32.9 27.6 41.4

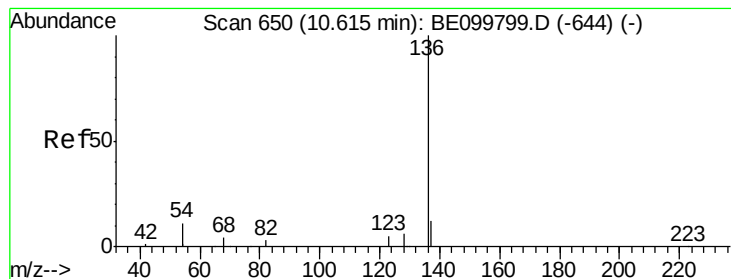


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

Tot Ion:136 Resp: 6396

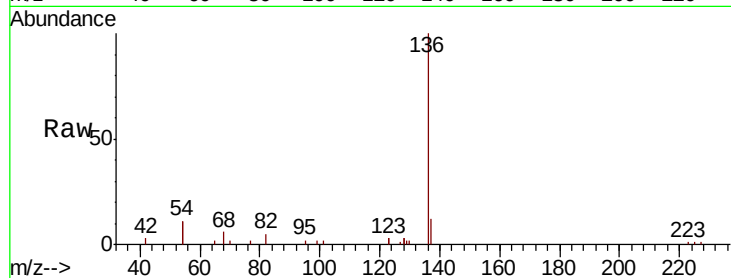
Ion Ratio Lower Upper

136 100

137 11.8 11.1 16.7

54 21.8 17.9 26.9

68 5.9 5.4 8.0

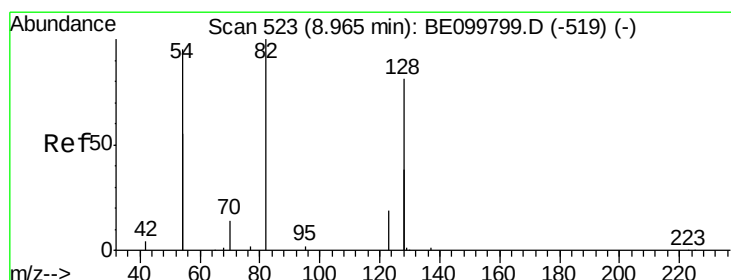
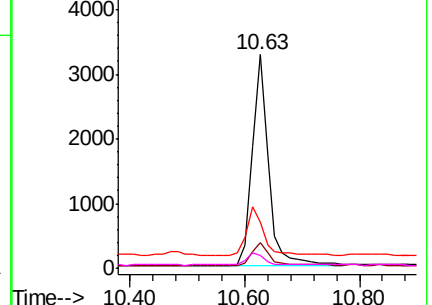
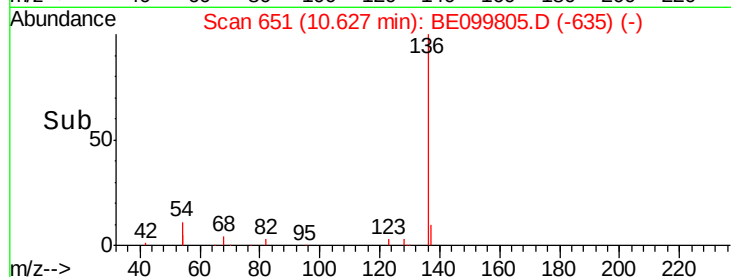


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

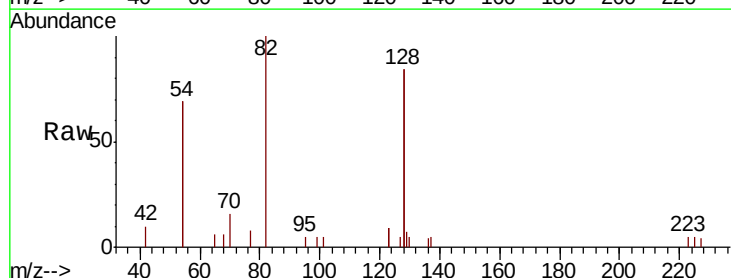
Tgt Ion: 82 Resp: 2364

Ion Ratio Lower Upper

82 100

128 167.4 116.6 175.0

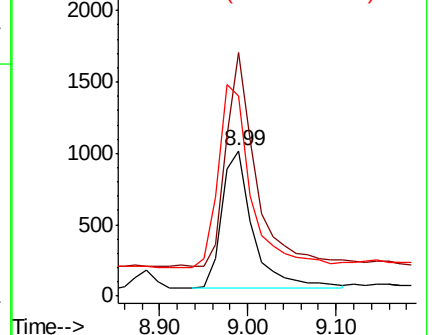
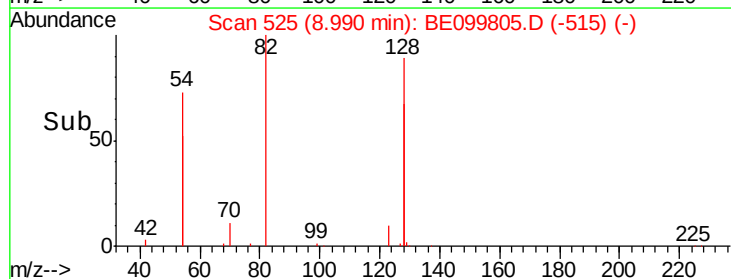
54 138.0 136.2 204.4

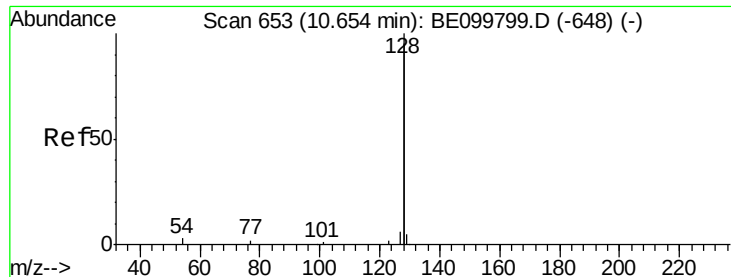


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

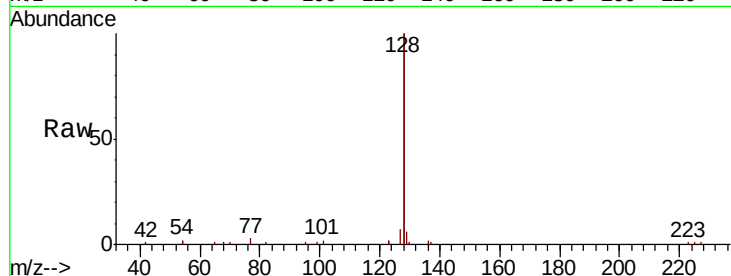
Tot Ion:128 Resp: 28482

Ion Ratio Lower Upper

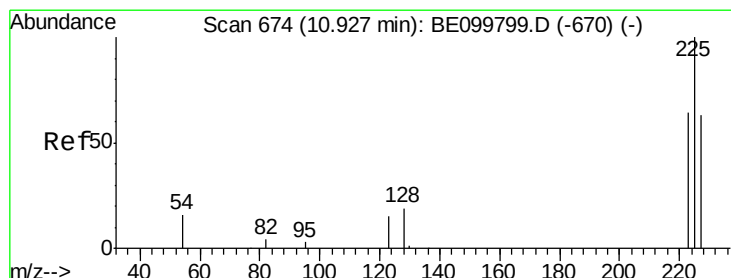
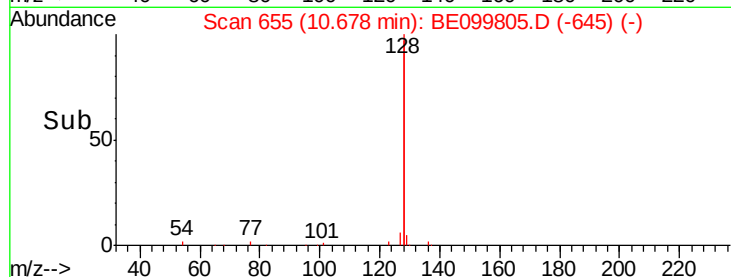
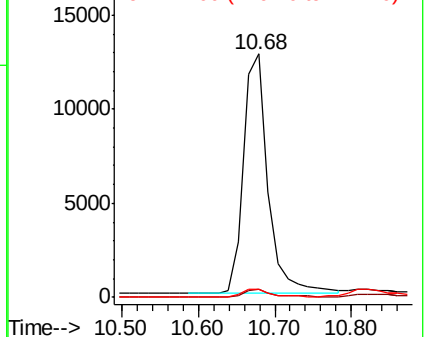
128 100

129 3.1 2.6 4.0

127 3.5 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: 0.430 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

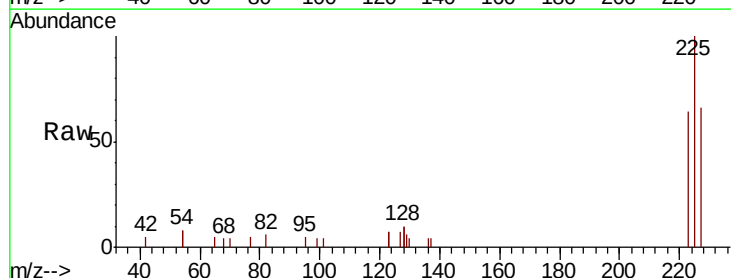
Tgt Ion:225 Resp: 2239

Ion Ratio Lower Upper

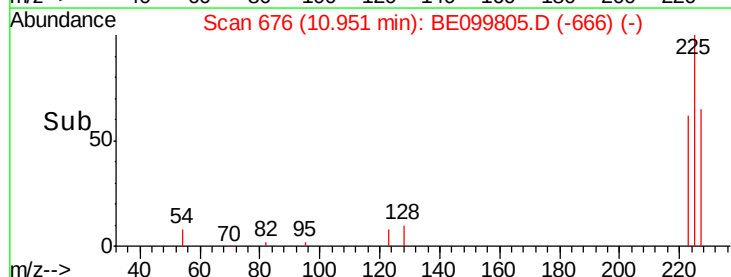
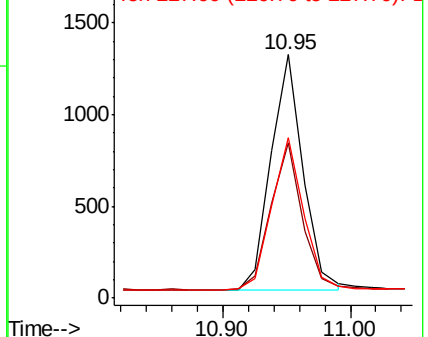
225 100

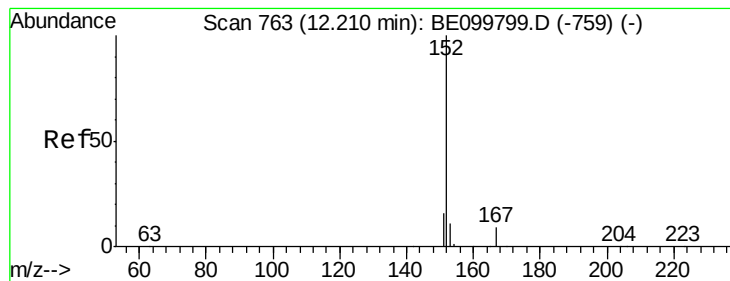
223 61.0 48.6 72.8

227 64.2 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

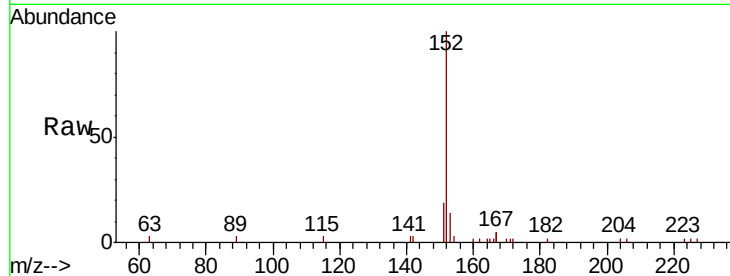
ICVBE060519

Tot Ion:152 Resp: 4428

Ion Ratio Lower Upper

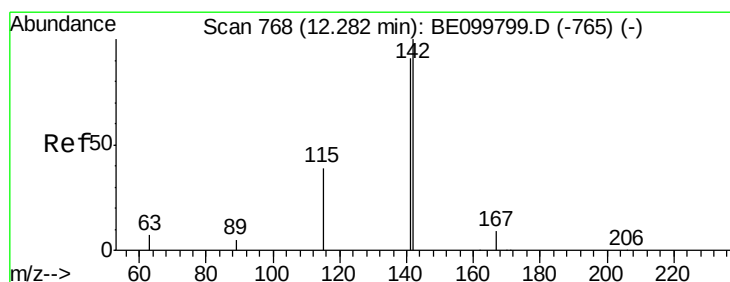
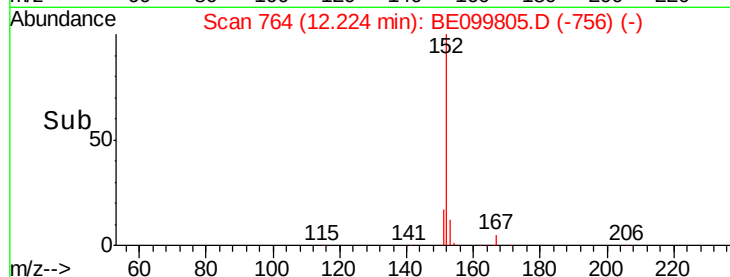
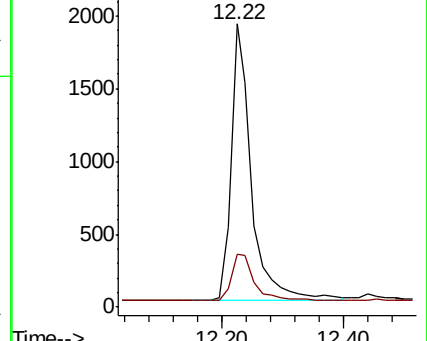
152 100

151 18.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

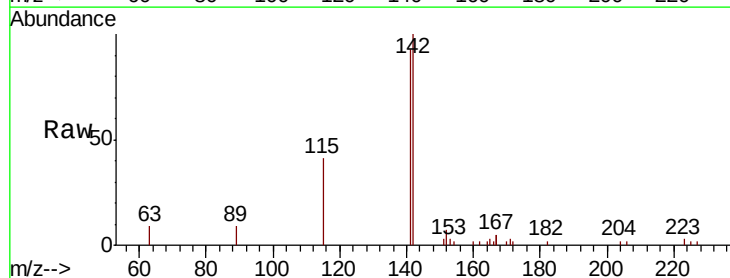
Tgt Ion:142 Resp: 4457

Ion Ratio Lower Upper

142 100

141 93.2 73.3 109.9

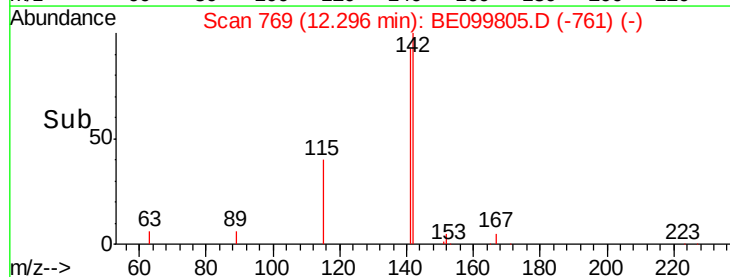
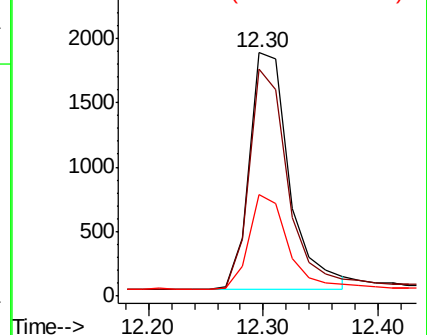
115 41.4 33.4 50.2

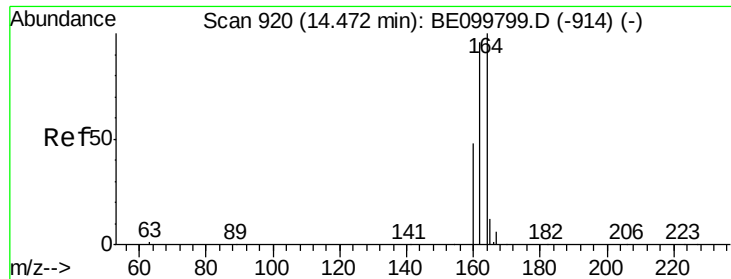


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

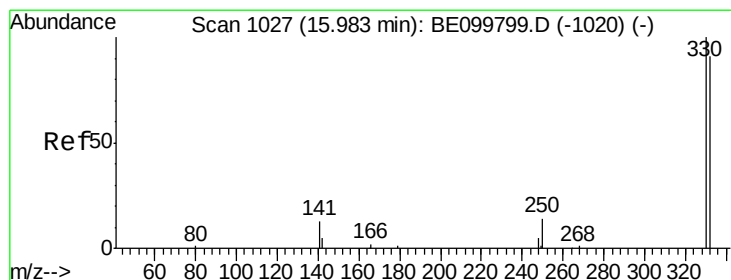
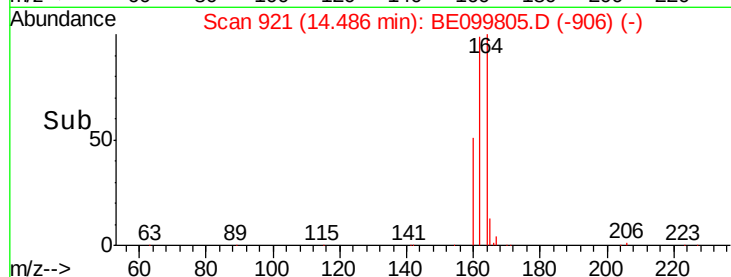
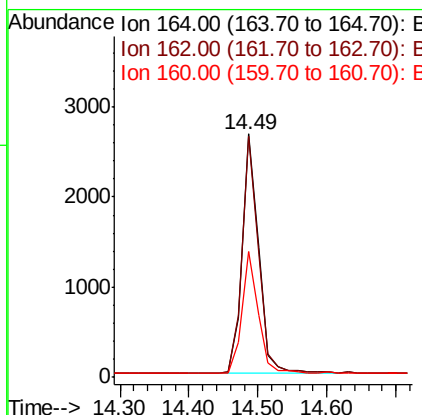
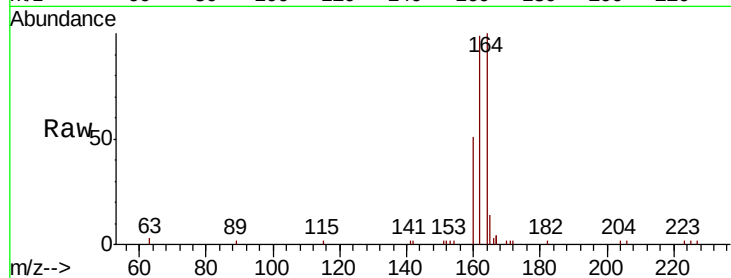




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

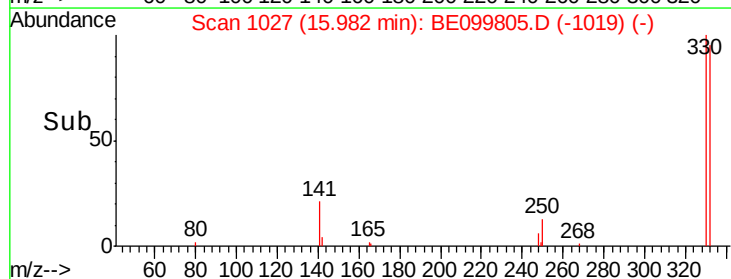
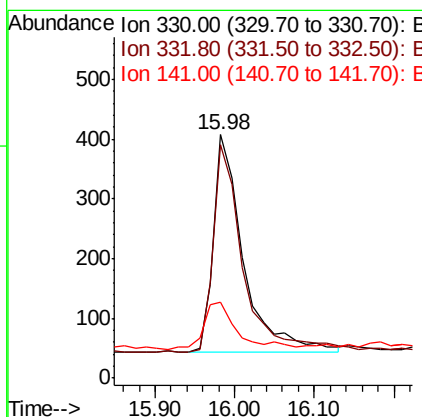
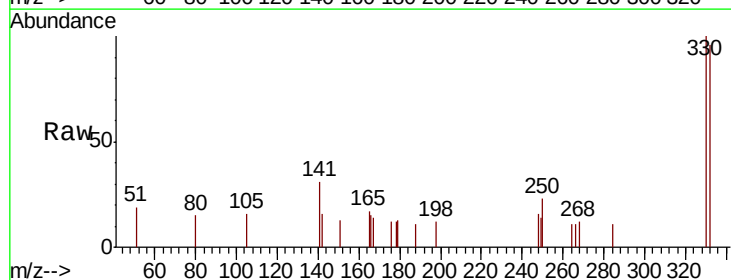
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060519

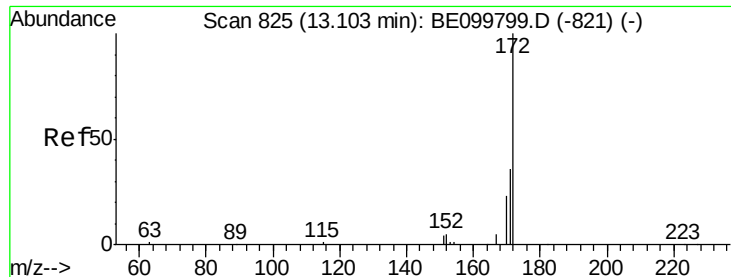
Tot Ion:164 Resp: 4370
 Ion Ratio Lower Upper
 164 100
 162 99.2 77.2 115.8
 160 51.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

Tgt Ion:330 Resp: 963
 Ion Ratio Lower Upper
 330 100
 332 99.8 74.9 112.3
 141 20.5 16.0 24.0

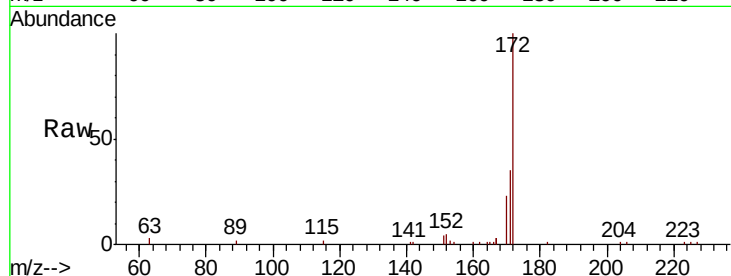




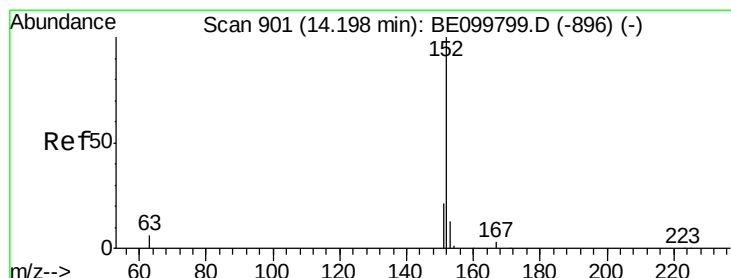
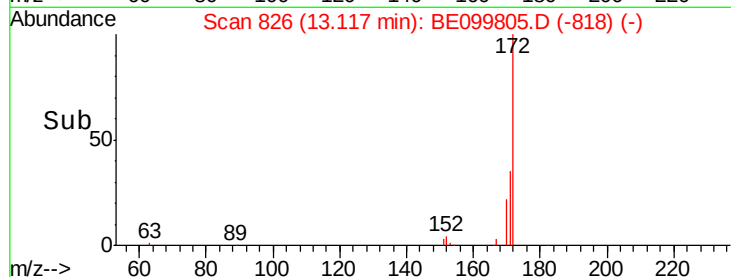
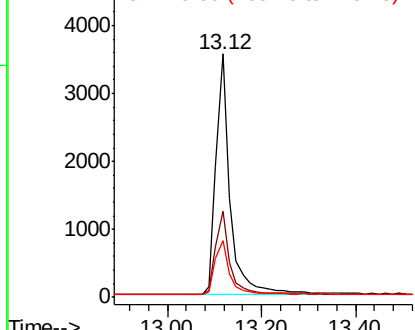
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099805.D
Acq: 5 Jun 2019 14:53

Instrument :
BNA_E
ClientSampleId :
ICVBE060519

Tot Ion:172 Resp: 7346
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 23.5 20.1 30.1

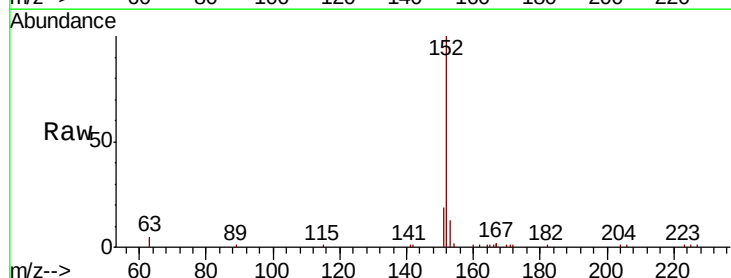


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

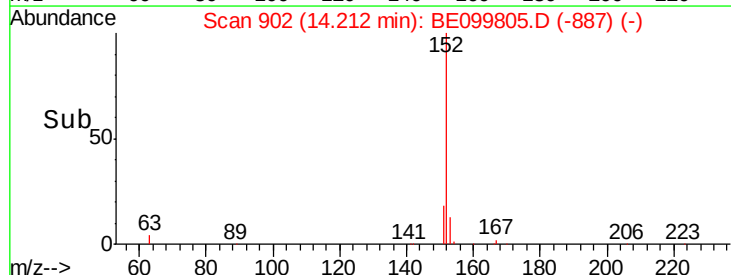
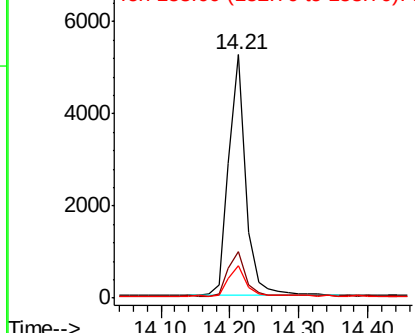


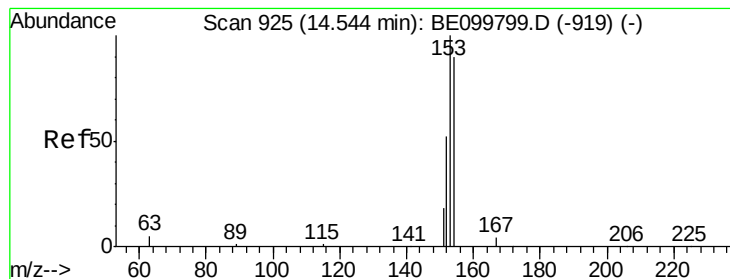
#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099805.D
Acq: 5 Jun 2019 14:53

Tgt Ion:152 Resp: 9052
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.1 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: 0.426 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

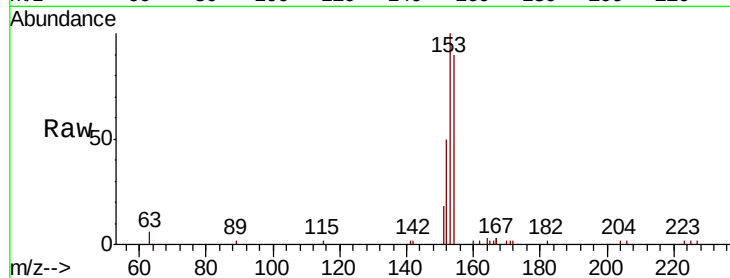
Tot Ion:154 Resp: 4914

Ion Ratio Lower Upper

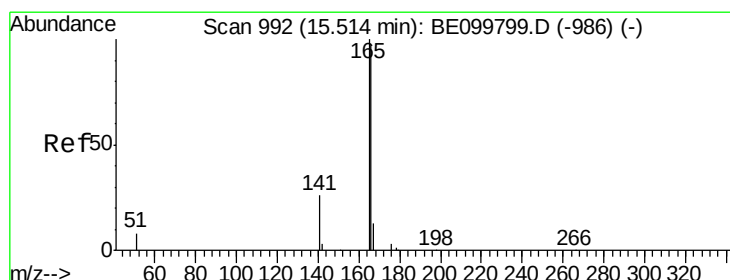
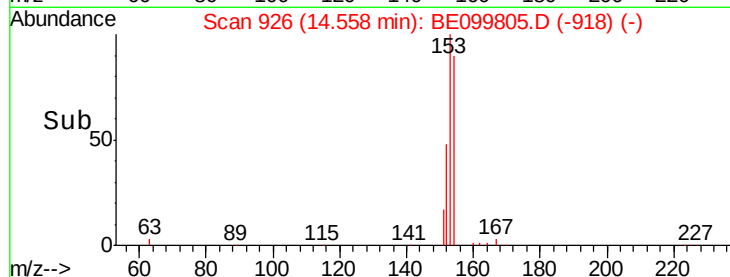
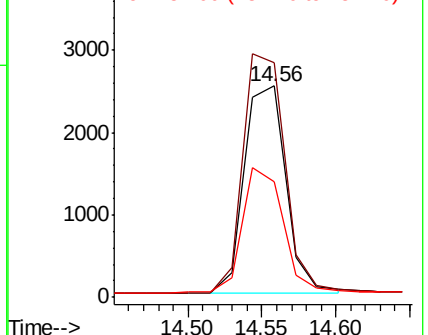
154 100

153 116.8 93.8 140.6

152 59.6 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: 0.416 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

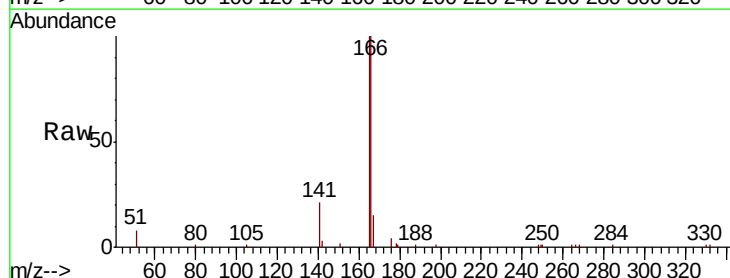
Tgt Ion:166 Resp: 7068

Ion Ratio Lower Upper

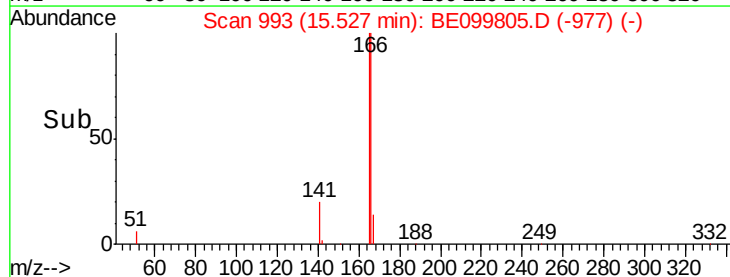
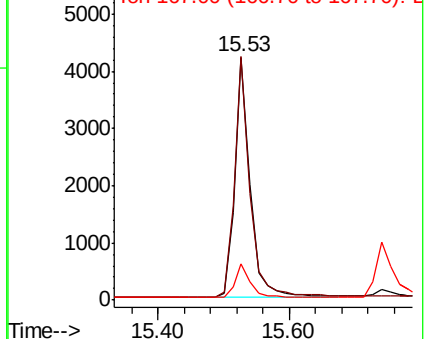
166 100

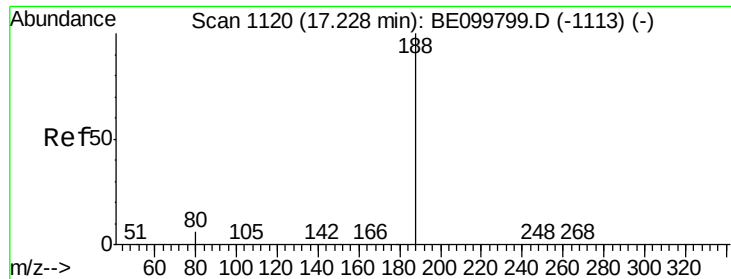
165 99.6 80.4 120.6

167 14.0 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

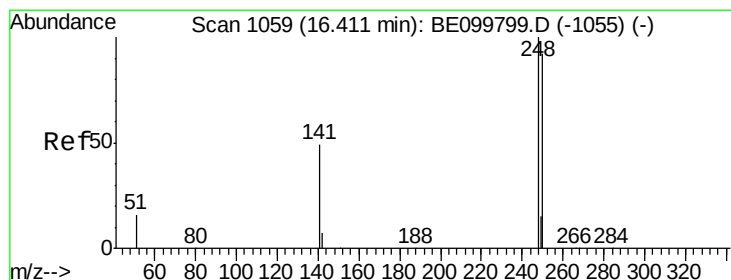
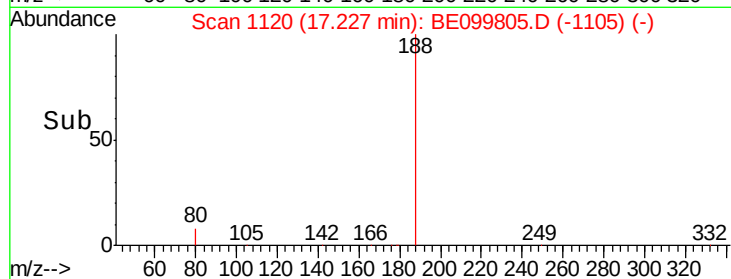
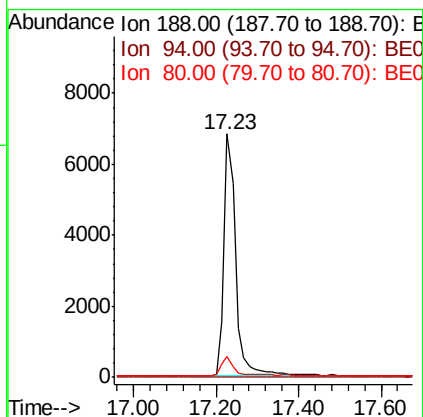
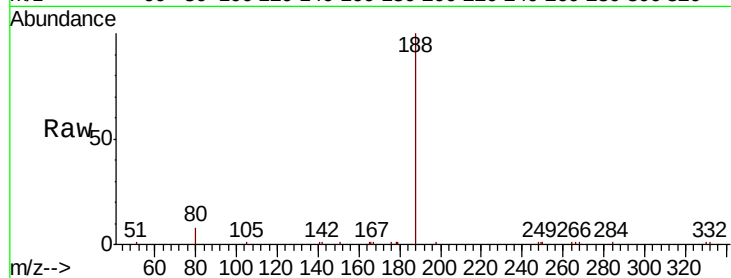




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

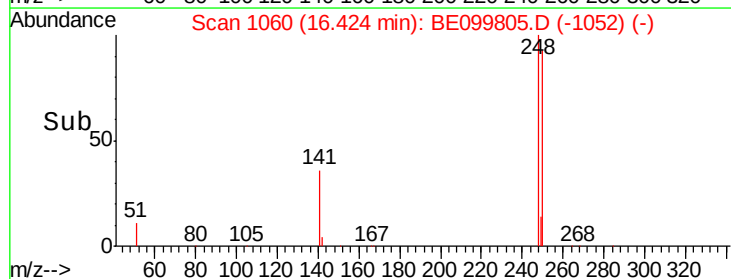
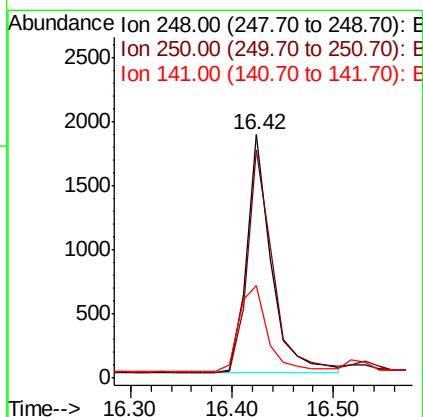
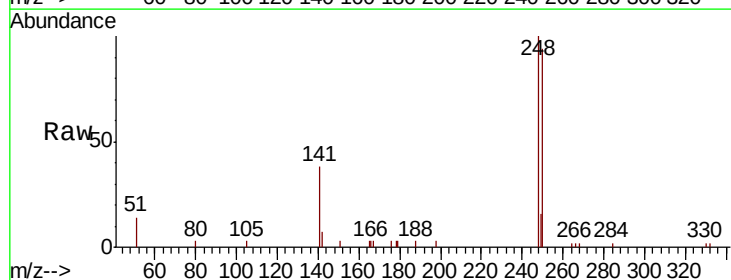
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060519

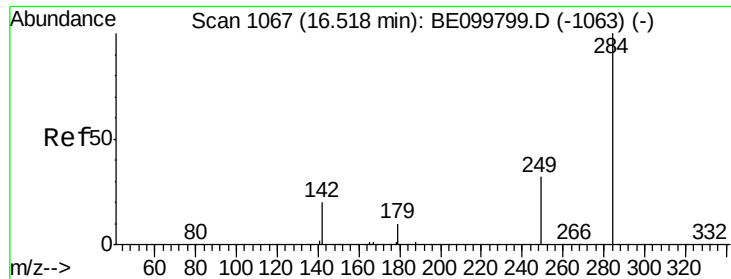
Tot Ion:188 Resp: 13555
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 5.2 7.8#



#20
 4-Bromophenyl-phenylether
 Concen: 0.413 ng
 RT: 16.42 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

Tgt Ion:248 Resp: 3124
 Ion Ratio Lower Upper
 248 100
 250 93.7 73.7 110.5
 141 38.1 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

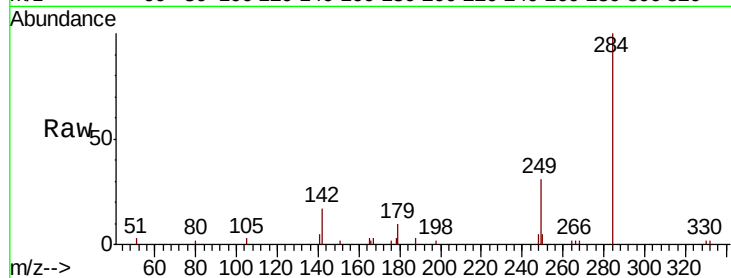
Tot Ion:284 Resp: 3395

Ion Ratio Lower Upper

284 100

142 21.1 16.2 24.4

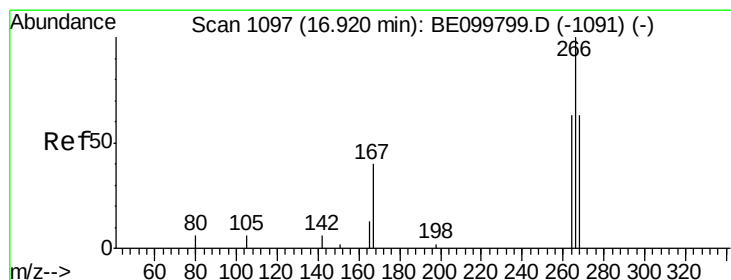
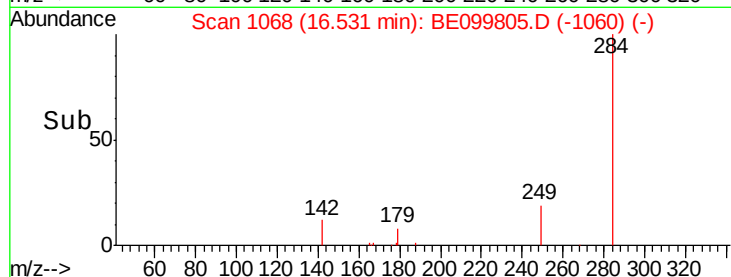
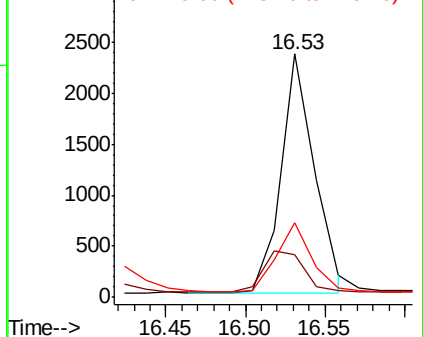
249 30.2 23.1 34.7



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: 0.419 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

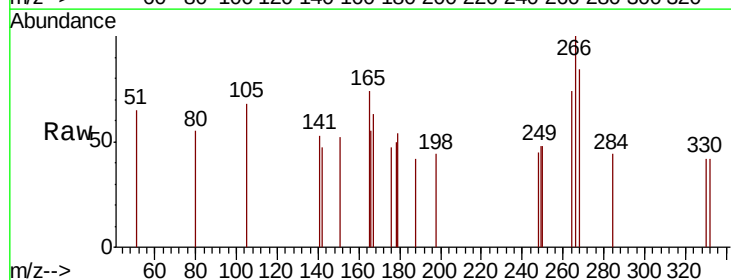
Tgt Ion:266 Resp: 380

Ion Ratio Lower Upper

266 100

264 73.6 64.9 97.3

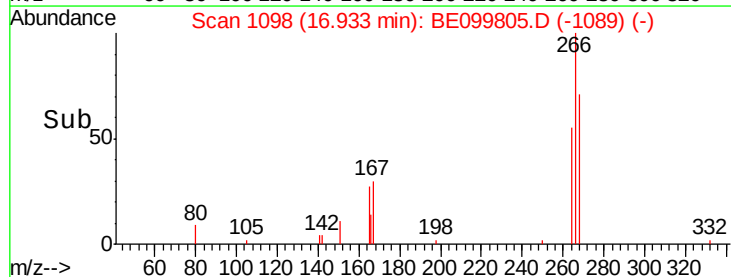
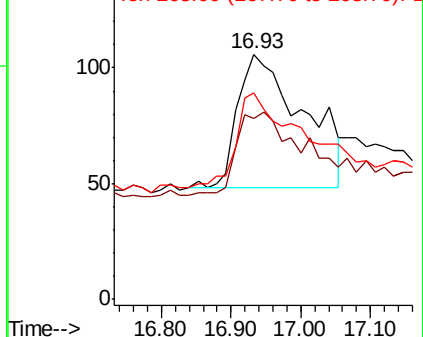
268 84.0 64.0 96.0

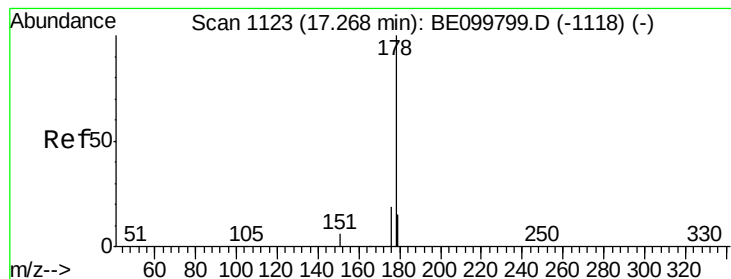


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

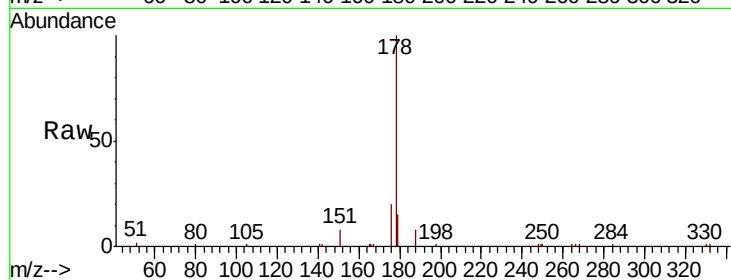
Tot Ion:178 Resp: 13254

Ion Ratio Lower Upper

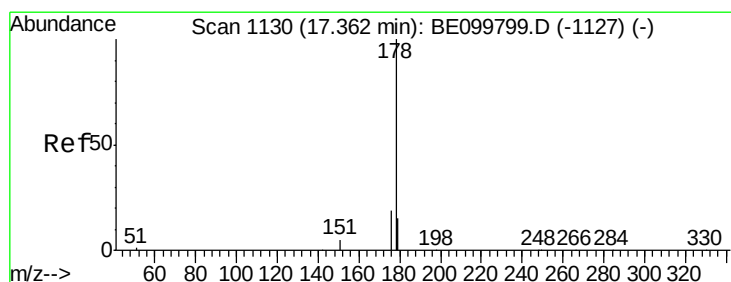
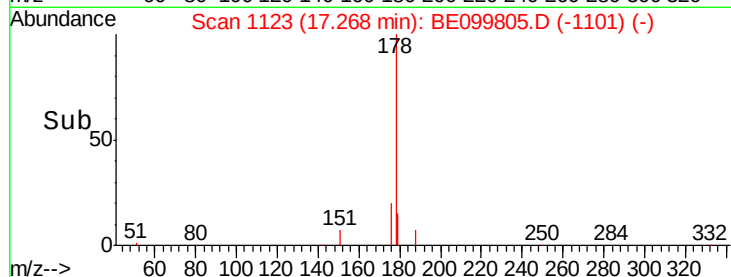
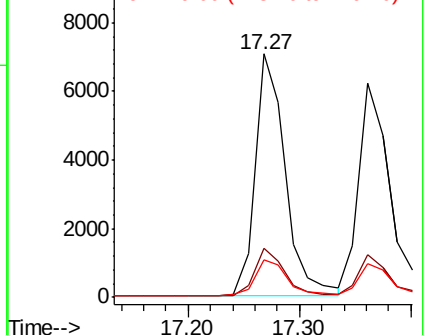
178 100

176 19.0 15.4 23.0

179 15.6 12.5 18.7



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: 0.387 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

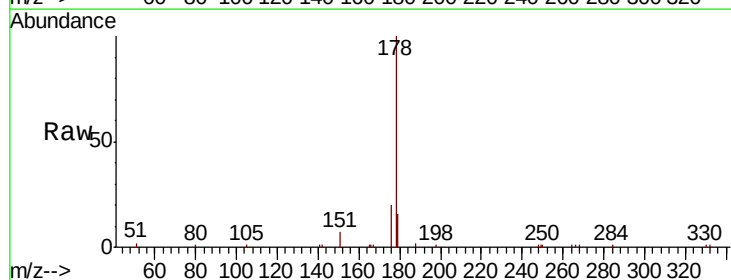
Tgt Ion:178 Resp: 11318

Ion Ratio Lower Upper

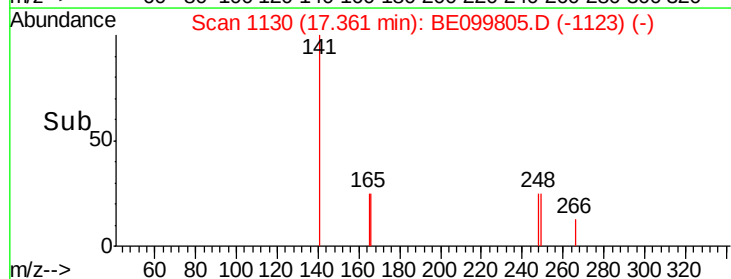
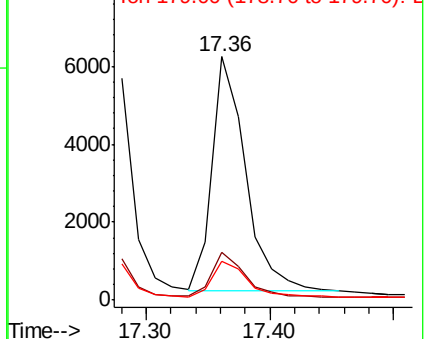
178 100

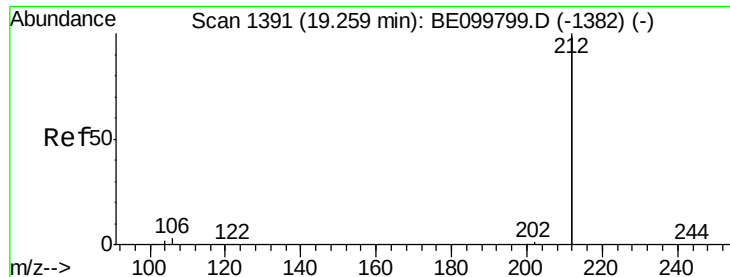
176 18.7 15.1 22.7

179 15.5 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





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

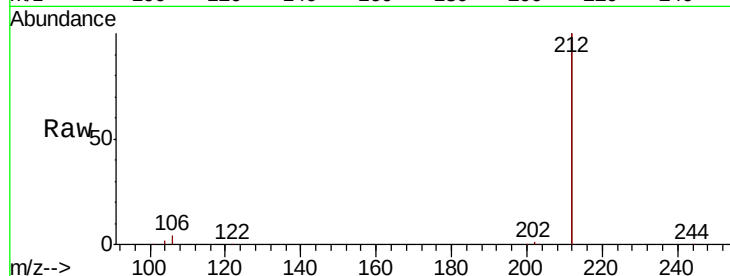
Tot Ion:212 Resp: 70834

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

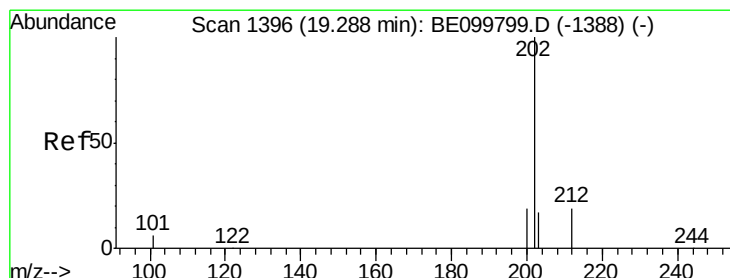
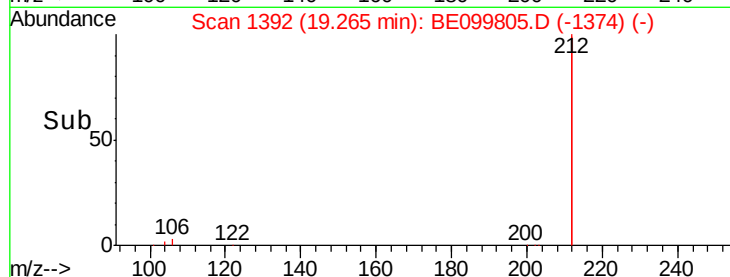
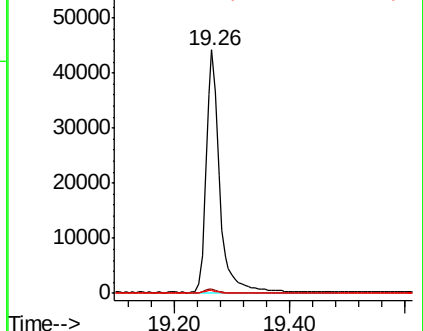
104 1.0 0.8 1.2



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: 0.359 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

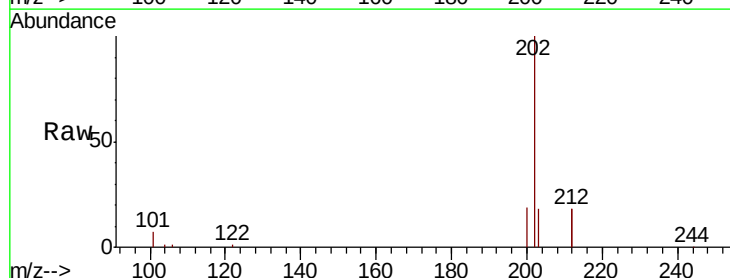
Tgt Ion:202 Resp: 20373

Ion Ratio Lower Upper

202 100

101 6.4 5.2 7.8

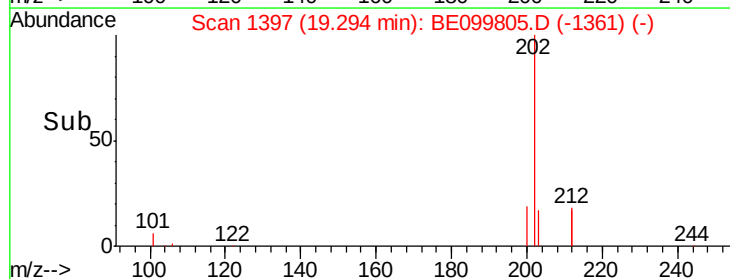
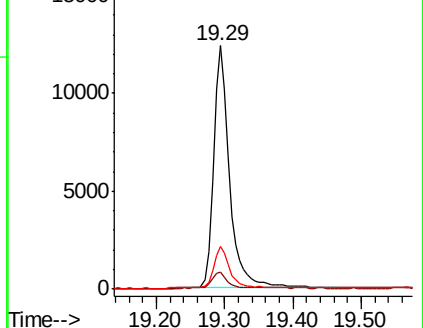
203 17.0 13.6 20.4

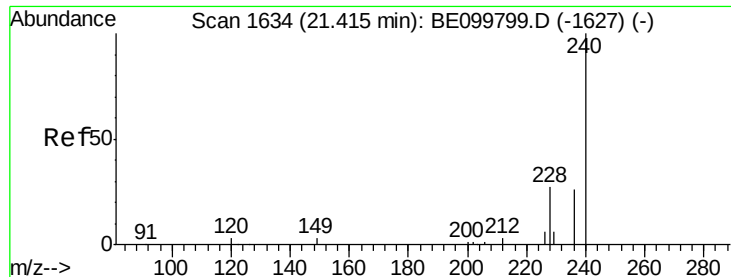


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

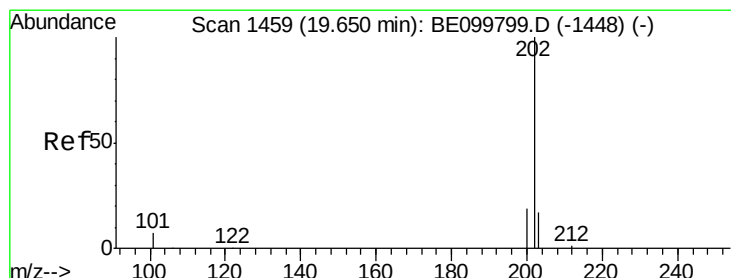
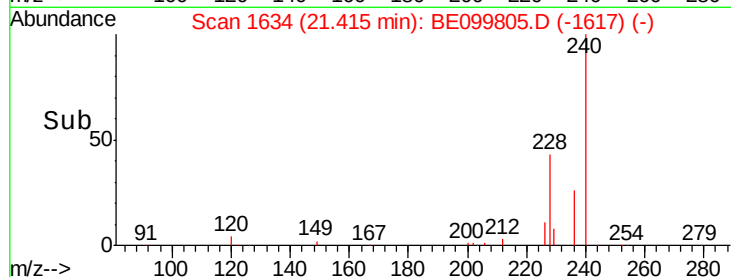
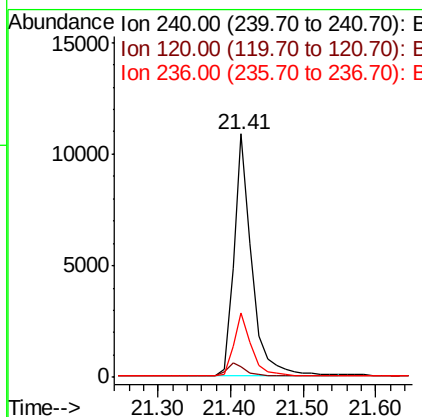
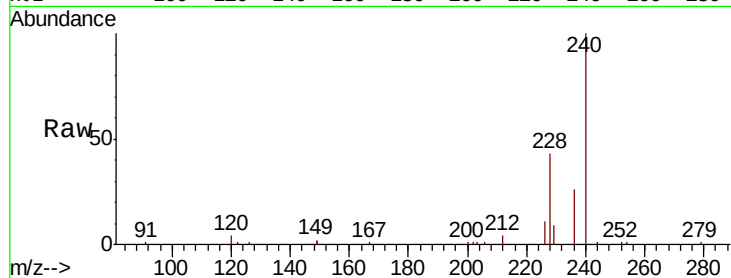




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

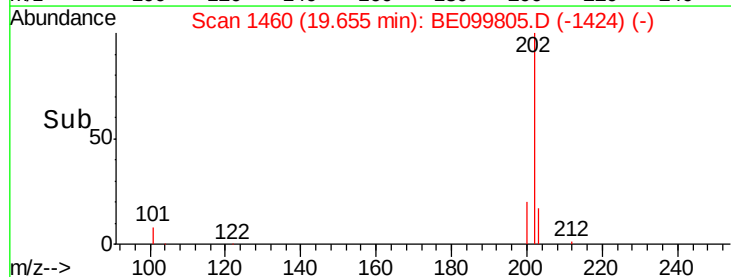
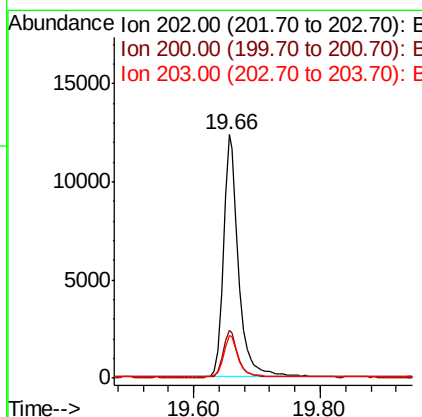
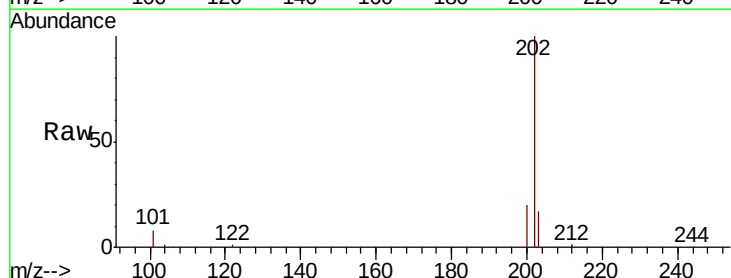
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060519

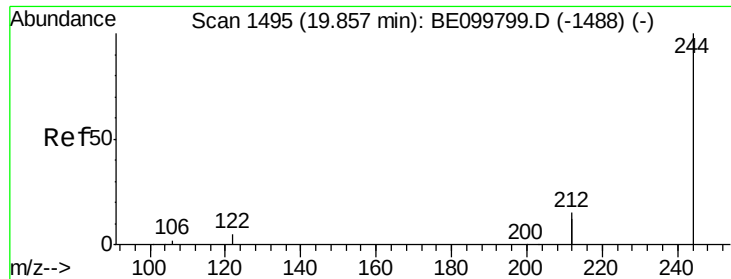
Tot Ion:240 Resp: 18921
 Ion Ratio Lower Upper
 240 100
 120 4.5 2.8 4.2#
 236 26.3 20.9 31.3



#28
 Pyrene
 Concen: 0.450 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

Tgt Ion:202 Resp: 20568
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

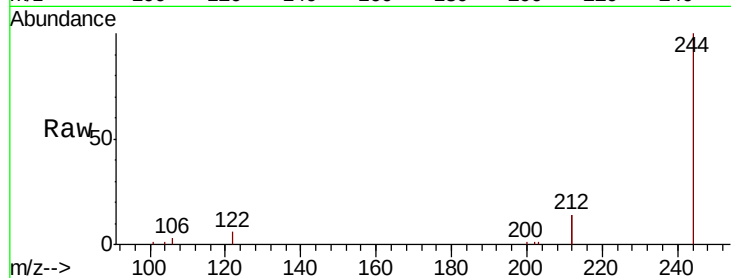
Tot Ion:244 Resp: 13986

Ion Ratio Lower Upper

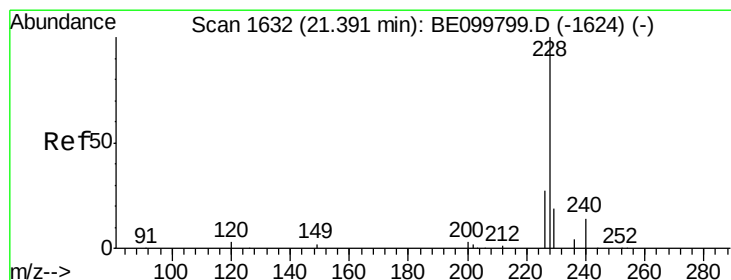
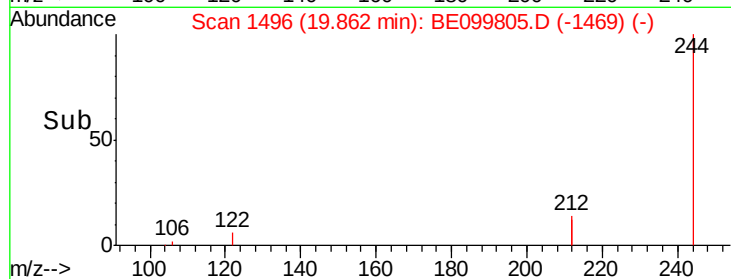
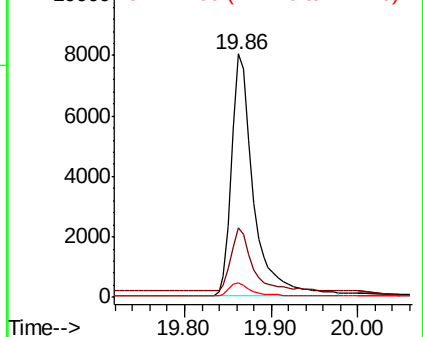
244 100

212 28.7 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: 0.407 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

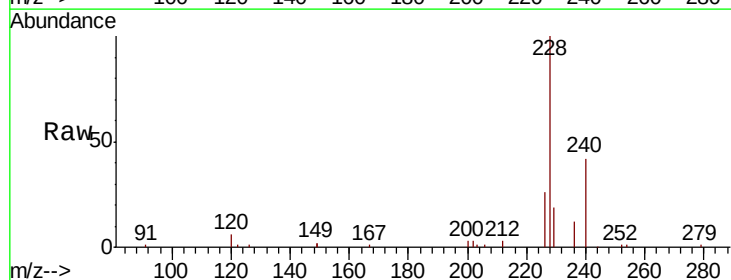
Tgt Ion:228 Resp: 21271

Ion Ratio Lower Upper

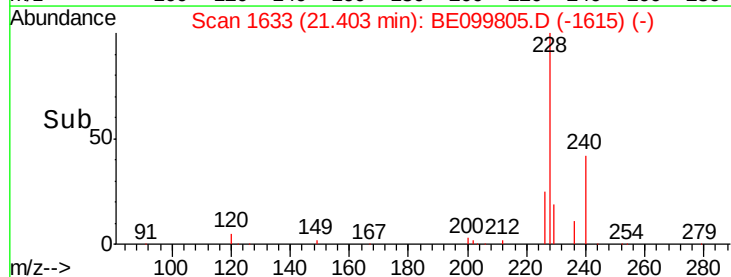
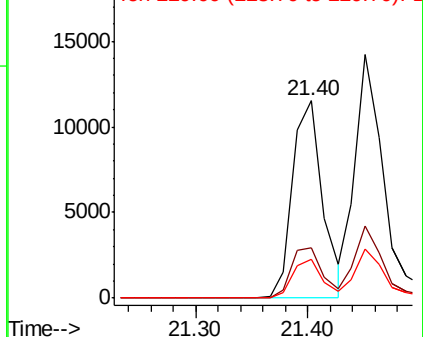
228 100

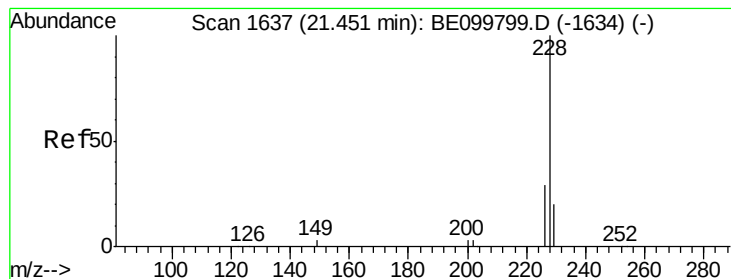
226 25.6 21.6 32.4

229 19.4 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: 0.413 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

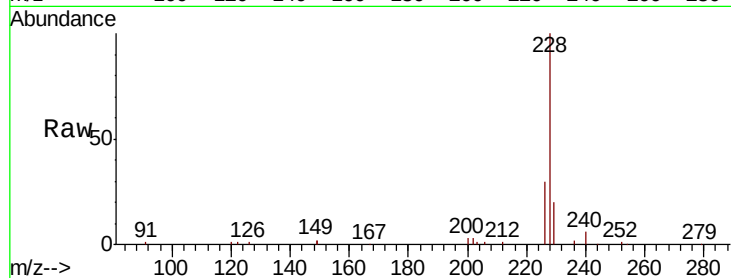
Tot Ion:228 Resp: 23866

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

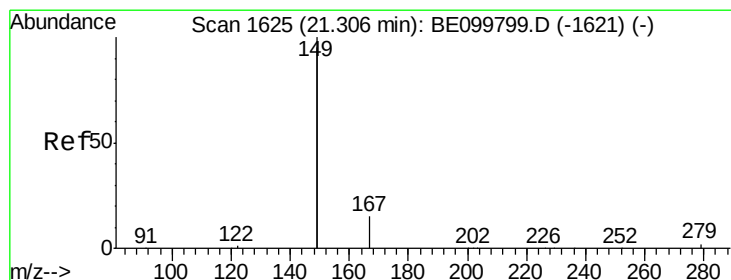
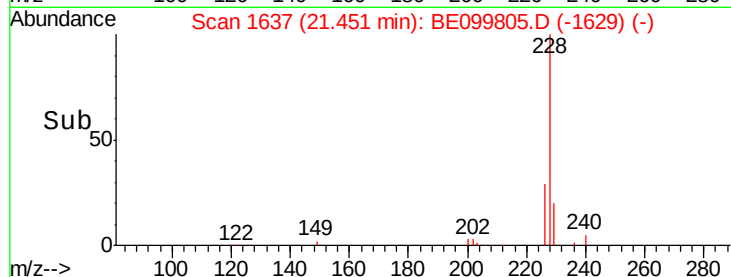
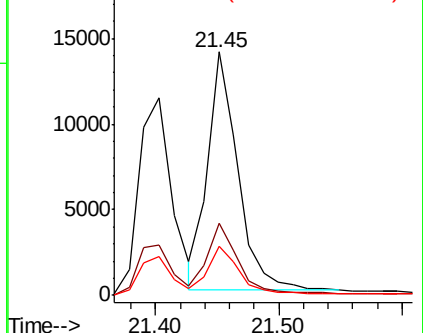
229 20.0 16.4 24.6



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: 0.386 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

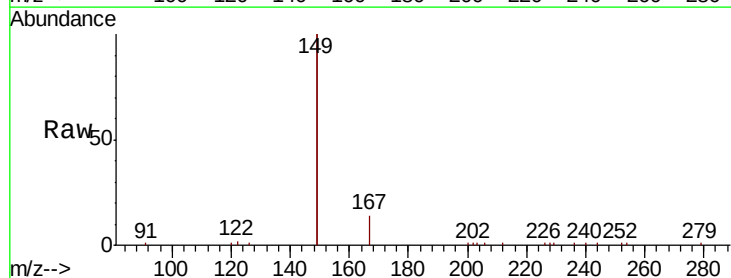
Tgt Ion:149 Resp: 23171

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

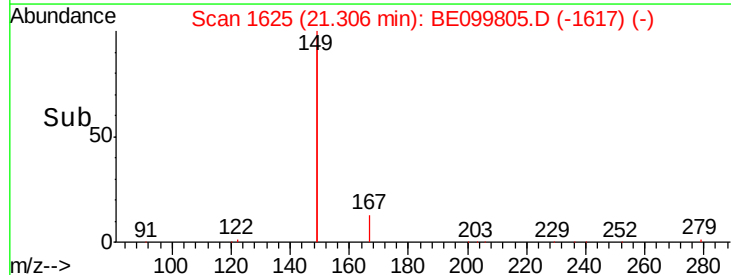
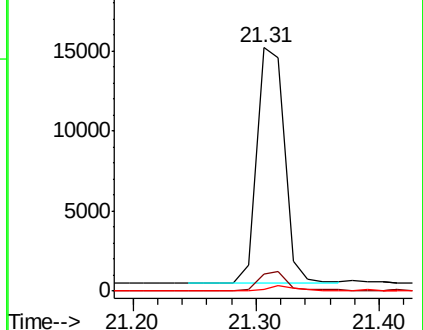
279 1.6 1.2 1.8

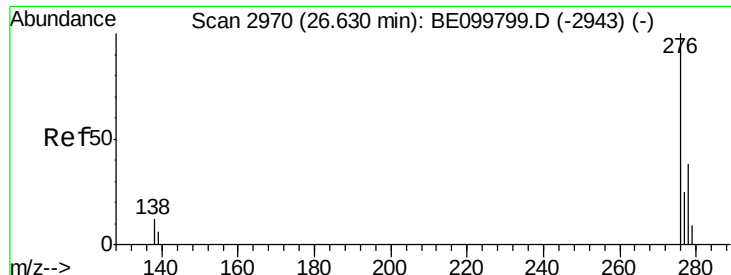


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

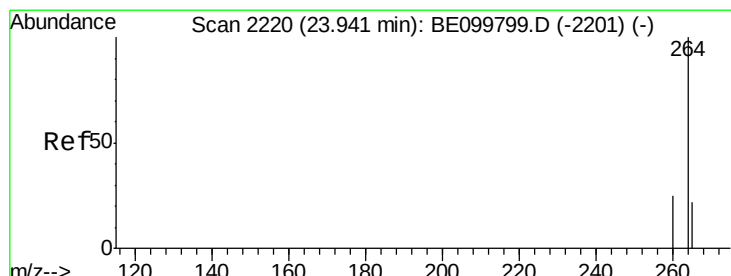
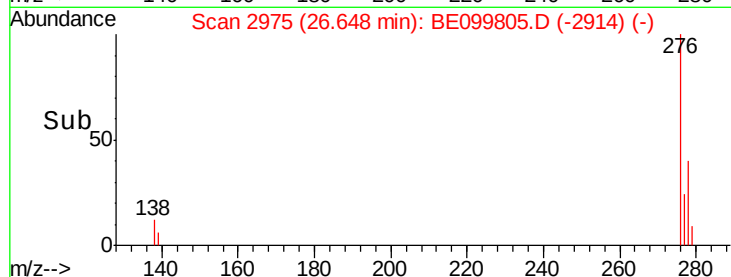
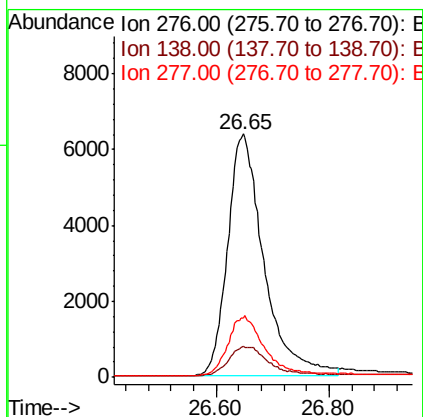
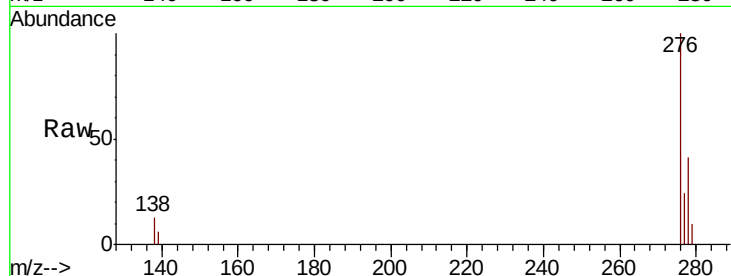




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.407 ng
 RT: 26.65 min Scan# 2975
 Delta R.T. 0.02 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

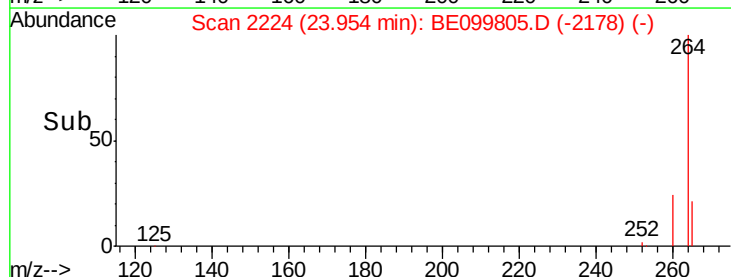
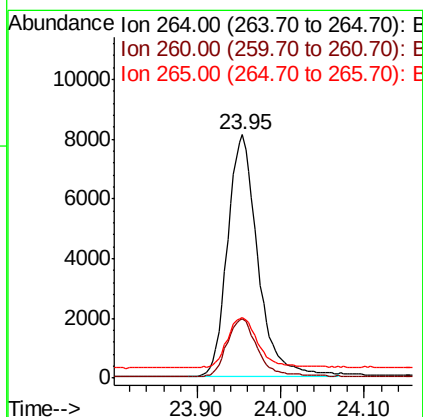
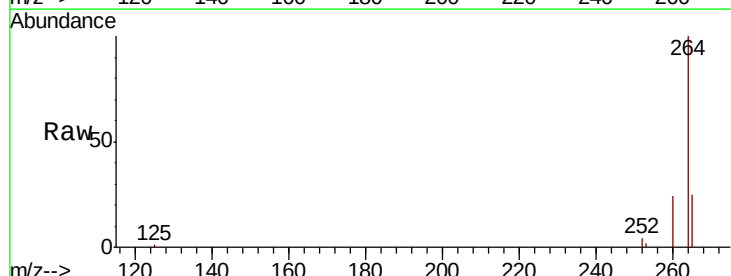
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE060519

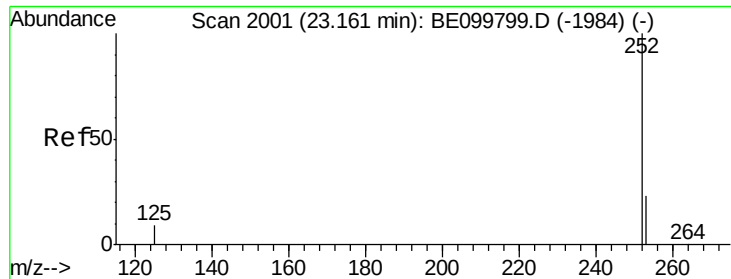
Tot Ion:276 Resp: 28165
 Ion Ratio Lower Upper
 276 100
 138 12.9 10.3 15.5
 277 24.6 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: BE099805.D
 Acq: 5 Jun 2019 14:53

Tgt Ion:264 Resp: 20378
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 24.8 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.415 ng

RT: 23.17 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

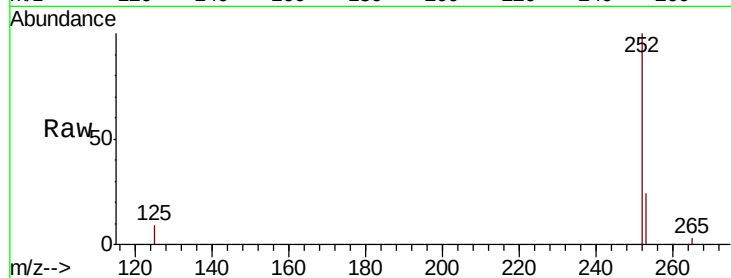
Tot Ion:252 Resp: 23426

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

125 9.3 7.6 11.4

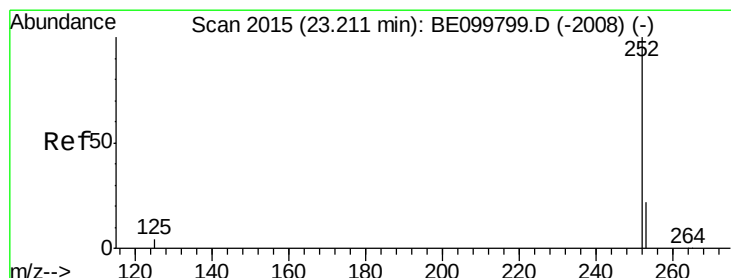
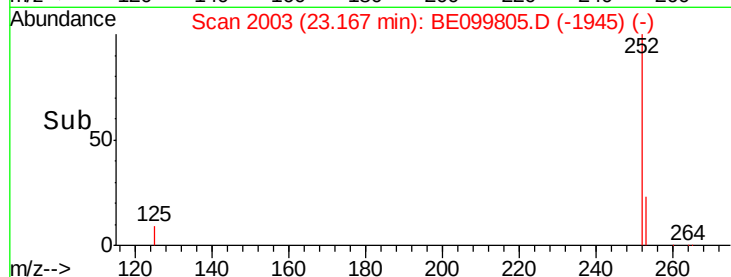
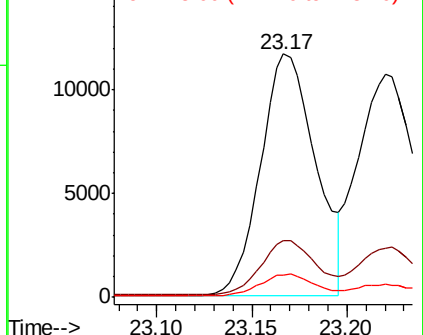


Abundance

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: 0.416 ng

RT: 23.22 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

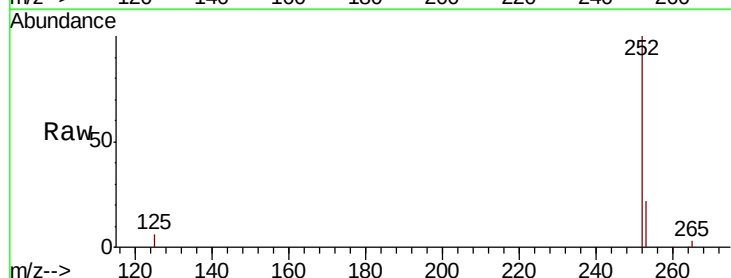
Tgt Ion:252 Resp: 24939

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 5.7 4.6 7.0

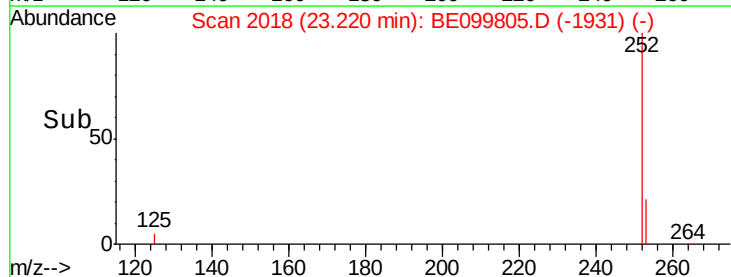
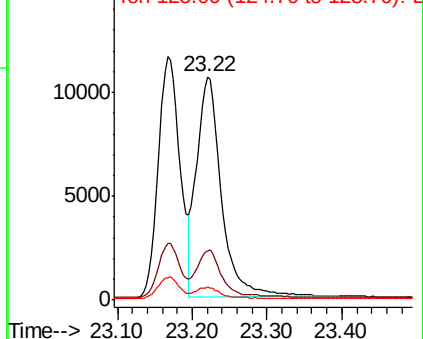


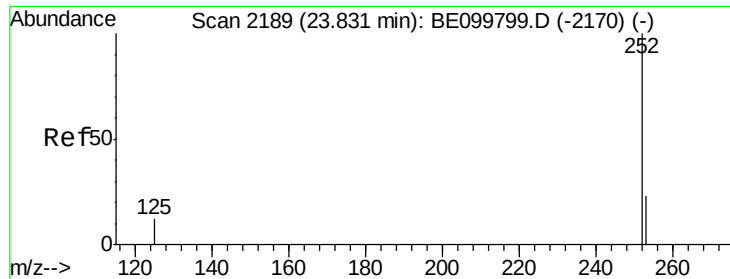
Abundance

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: 0.414 ng

RT: 23.84 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

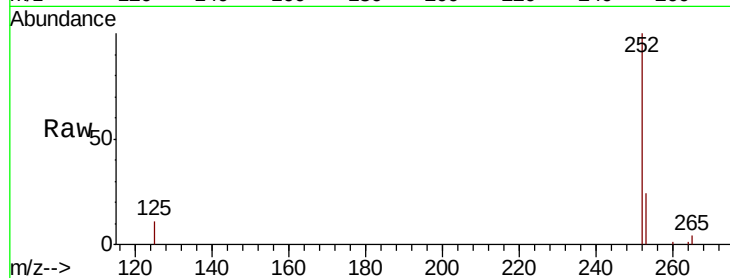
Tot Ion:252 Resp: 22630

Ion Ratio Lower Upper

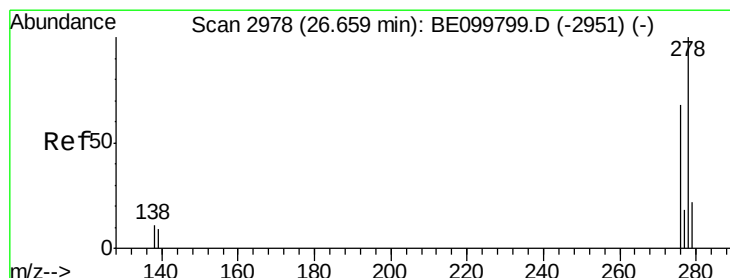
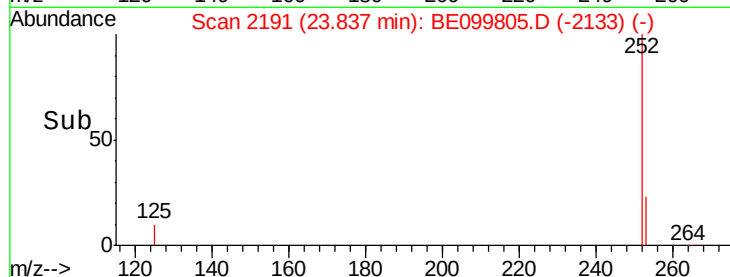
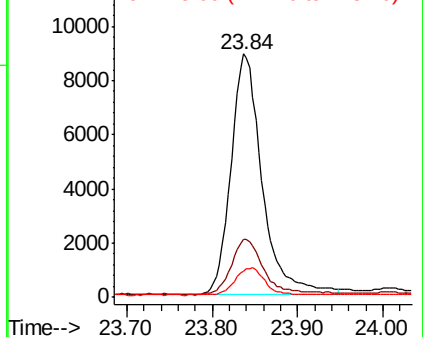
252 100

253 24.0 19.3 28.9

125 10.7 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: 0.396 ng

RT: 26.68 min Scan# 2984

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

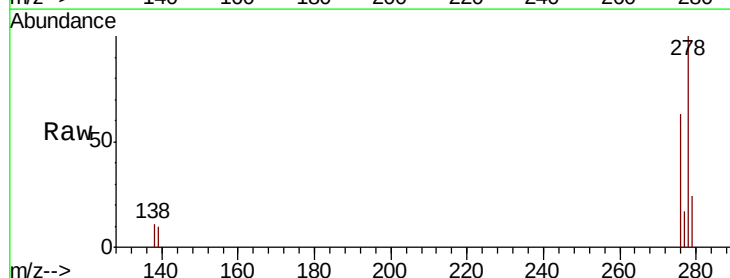
Tgt Ion:278 Resp: 22051

Ion Ratio Lower Upper

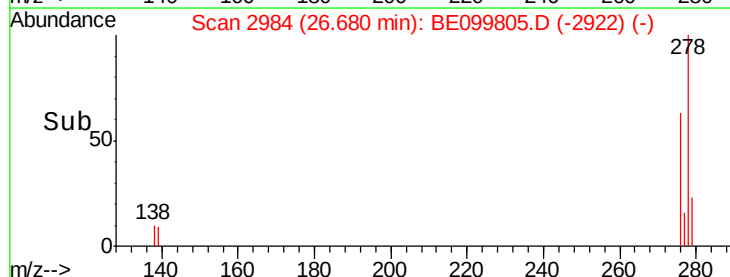
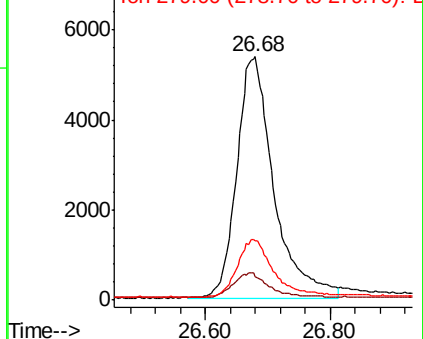
278 100

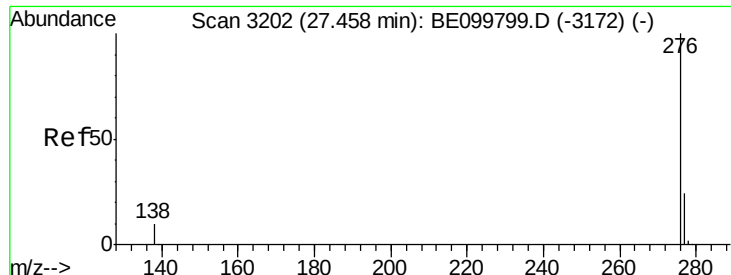
139 9.8 7.9 11.9

279 24.3 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: 0.400 ng

RT: 27.48 min Scan# 3208

Delta R.T. 0.02 min

Lab File: BE099805.D

Acq: 5 Jun 2019 14:53

Instrument :

BNA_E

ClientSampleId :

ICVBE060519

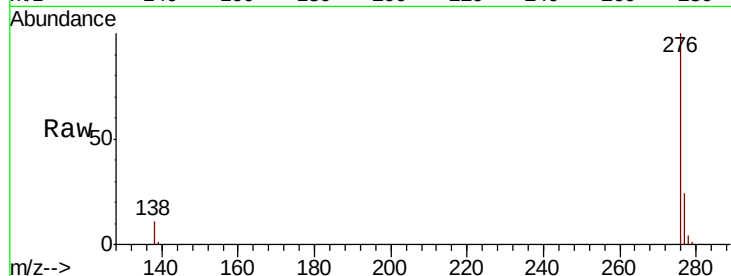
Tot Ion: 276 Resp: 23402

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 10.8 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

