

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099952.D
 Acq On : 12 Jun 2019 12:34
 Operator : JU/SJ
 Sample : K3255-14MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MS

Quant Time: Jun 13 04:08:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	886	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3165	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2370	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	7072	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10055	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11264	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	299	0.13	ng	0.00
5) Phenol-d6	6.96	99	250	0.08	ng	0.00
8) Nitrobenzene-d5	8.97	82	1188	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2026	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	426	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3774	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	37256	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	9855	0.54	ng	-0.01

Target Compounds

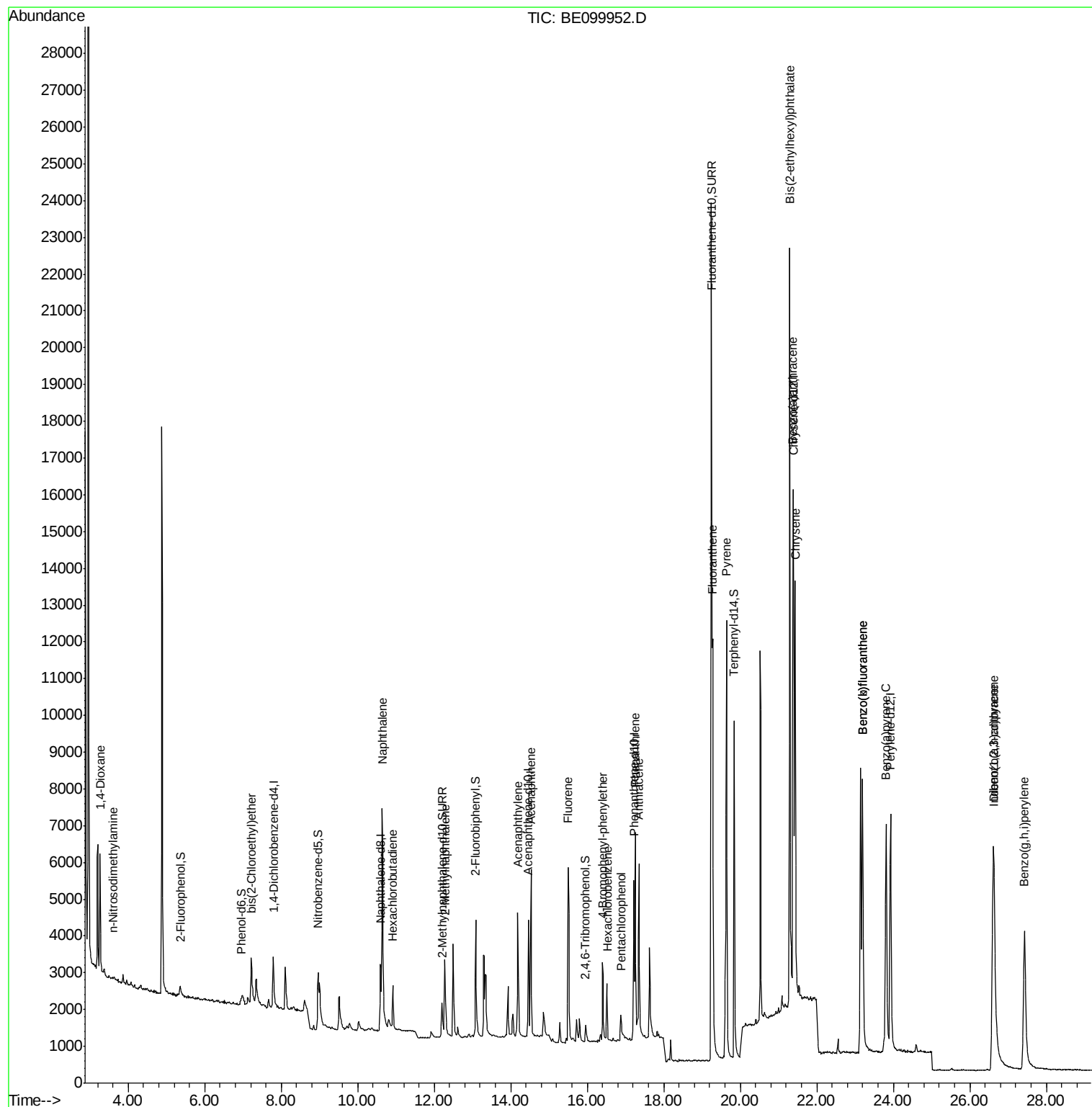
						Qvalue
2) 1,4-Dioxane	3.27	88	2434	1.856	ng	98
3) n-Nitrosodimethylamine	3.61	42	75	0.099	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	888	0.353	ng	90
9) Naphthalene	10.64	128	12929	0.378	ng	99
10) Hexachlorobutadiene	10.91	225	914	0.351	ng	96
12) 2-Methylnaphthalene	12.28	142	2114	0.381	ng	97
16) Acenaphthylene	14.18	152	4203	0.356	ng	98
17) Acenaphthene	14.53	154	2372	0.369	ng	98
18) Fluorene	15.50	166	3531	0.366	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1610	0.402	ng	# 86
21) Hexachlorobenzene	16.52	284	1575	0.385	ng	99
22) Pentachlorophenol	16.88	266	827	0.719	ng	87
23) Phenanthrene	17.25	178	6754	0.394	ng	99
24) Anthracene	17.35	178	5850	0.372	ng	99
26) Fluoranthene	19.28	202	10973	0.376	ng	99
28) Pyrene	19.64	202	12452	0.471	ng	99
30) Benzo(a)anthracene	21.38	228	12310	0.410	ng	98
31) Chrysene	21.44	228	13136	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	22114	0.513	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13804	0.375	ng	99
35) Benzo(b)fluoranthene	23.19	252	13517	0.428	ng	98
36) Benzo(k)fluoranthene	23.19	252	13647	0.413	ng	97
37) Benzo(a)pyrene	23.81	252	12474	0.401	ng	# 97
38) Dibenzo(a,h)anthracene	26.63	278	11047	0.353	ng	# 96
39) Benzo(g,h,i)perylene	27.43	276	12286	0.380	ng	98

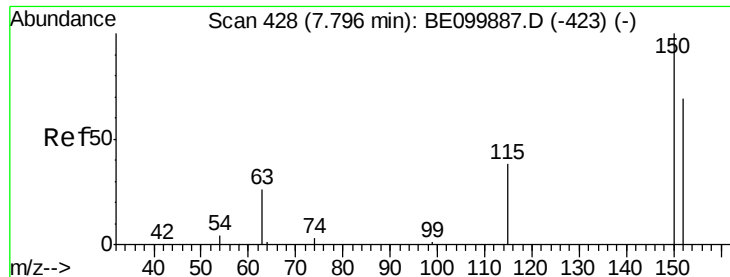
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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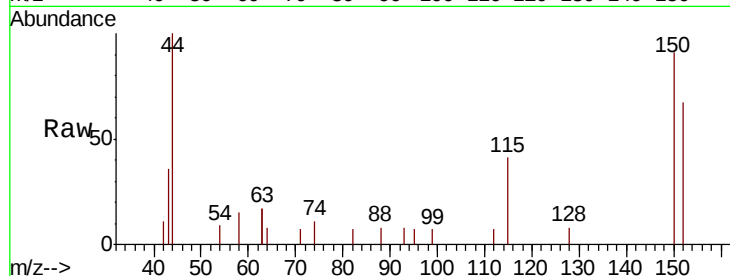


#1

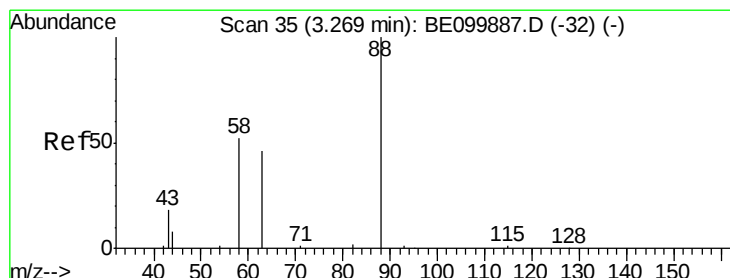
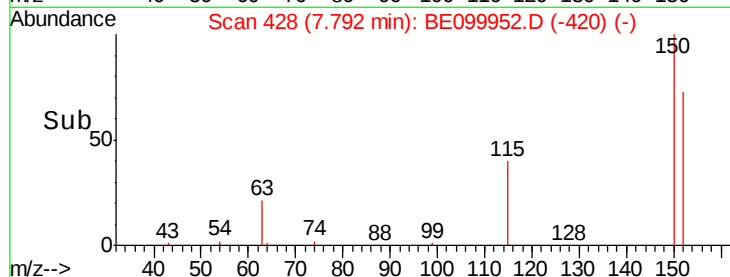
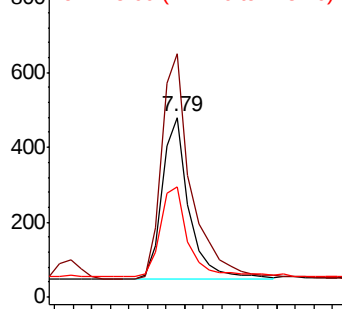
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

Tgt Ion: 152 Resp: 886
Ion Ratio Lower Upper
152 100
150 135.4 111.0 166.6
115 61.3 50.7 76.1



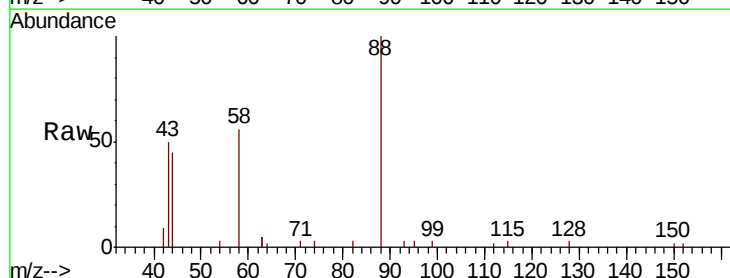
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



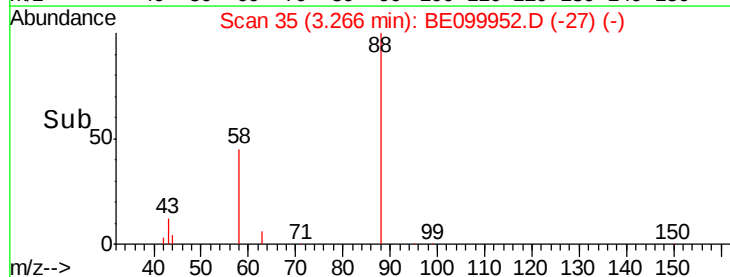
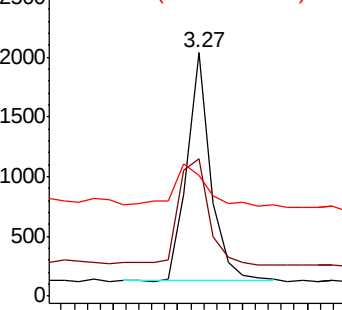
#2

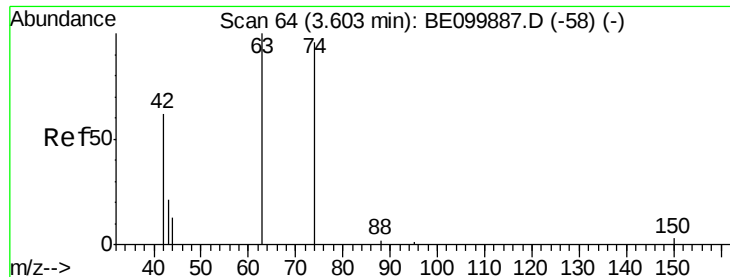
1,4-Dioxane
Concen: 1.856 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion: 88 Resp: 2434
Ion Ratio Lower Upper
88 100
58 58.9 48.8 73.2
43 24.1 19.0 28.6



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: 0.099 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

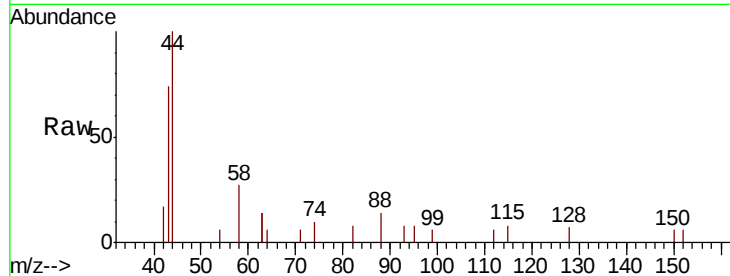
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

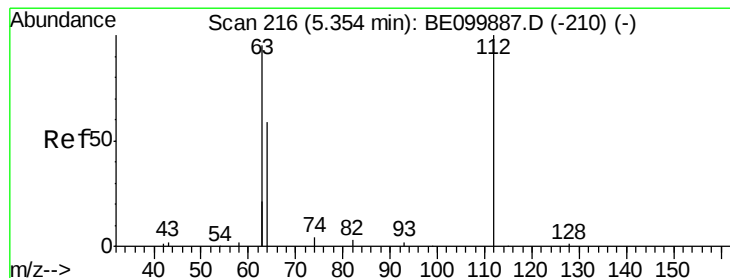
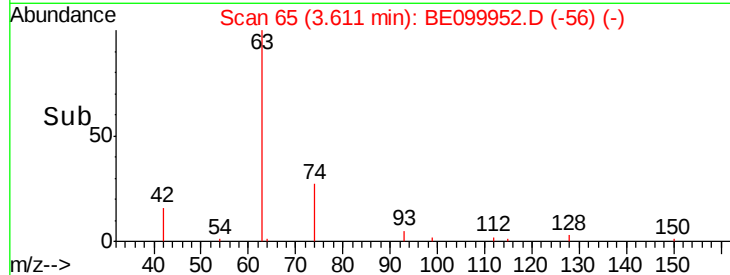
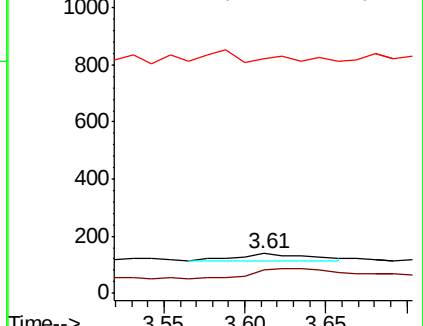
42 100

74 158.7 0.0 0.0#

44 29.3 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: 0.125 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

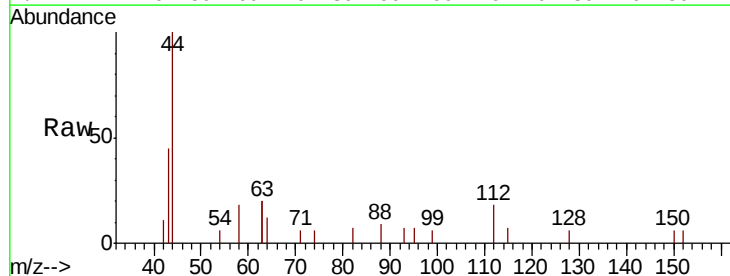
Tgt Ion: 112 Resp: 299

Ion Ratio Lower Upper

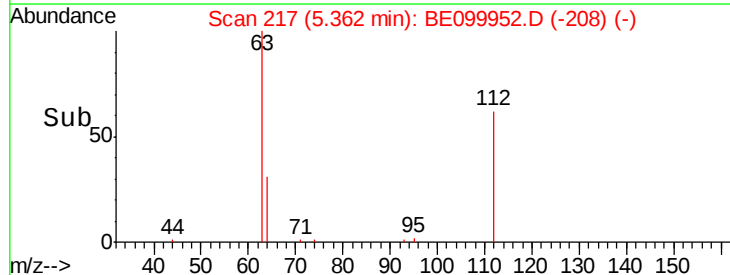
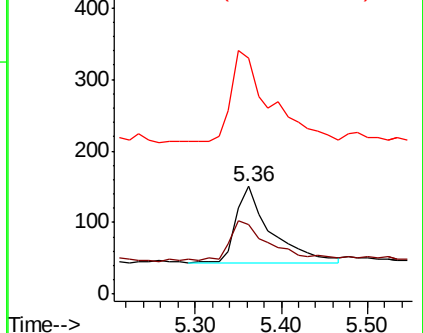
112 100

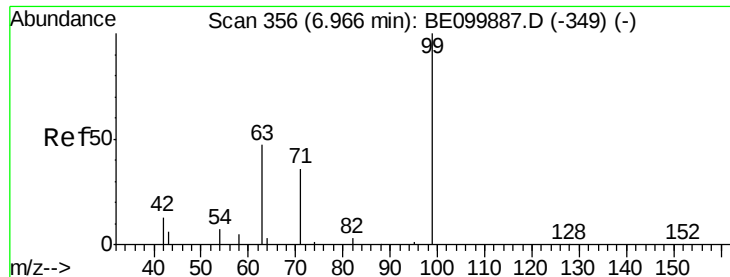
64 57.5 44.1 66.1

63 128.1 87.8 131.6



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: 0.081 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

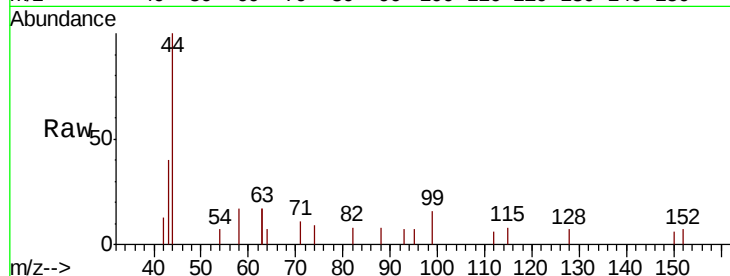
Tgt Ion: 99 Resp: 250

Ion Ratio Lower Upper

99 100

42 33.2 15.9 23.9#

71 44.8 34.6 52.0



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

6.96

150

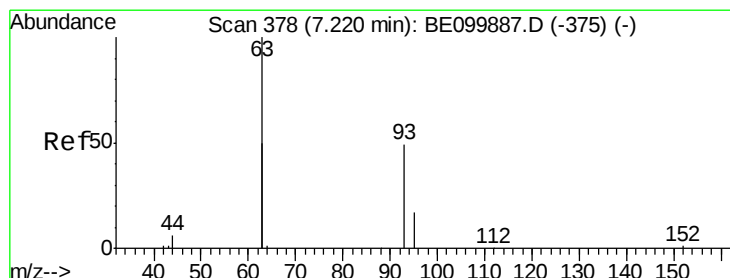
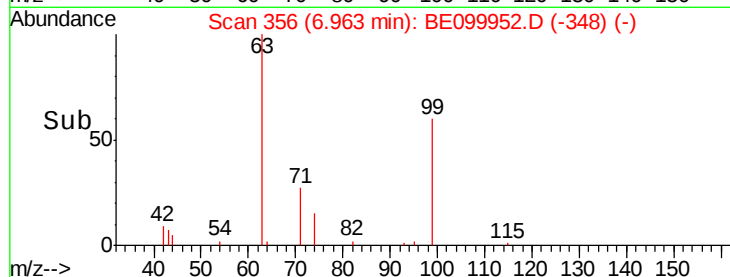
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.353 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

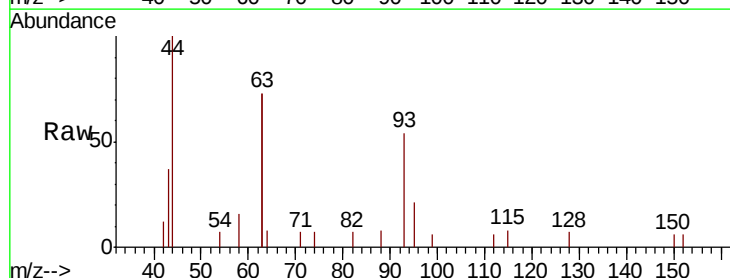
Tgt Ion: 93 Resp: 888

Ion Ratio Lower Upper

93 100

63 236.8 202.8 304.2

95 35.1 23.7 35.5



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

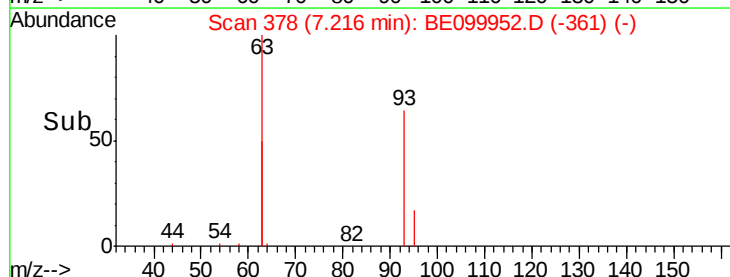
1000

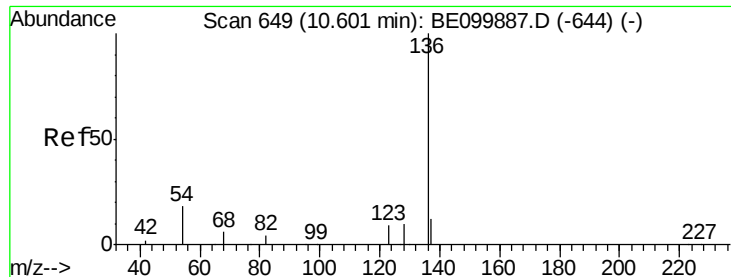
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

Tgt Ion: 136 Resp: 3165

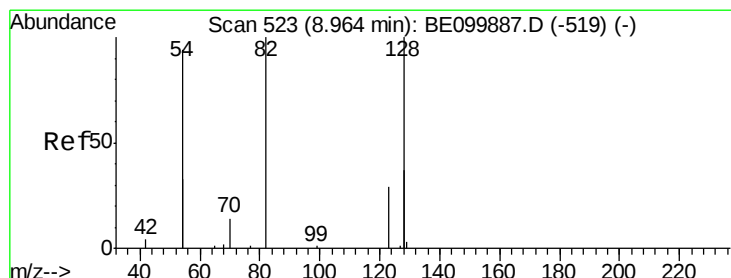
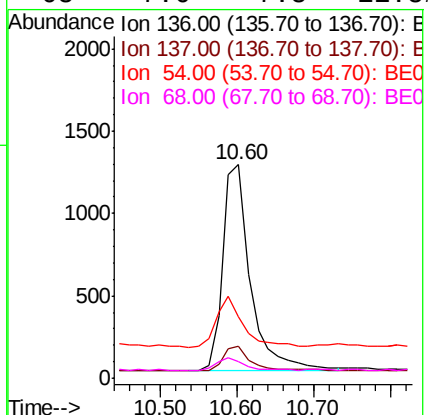
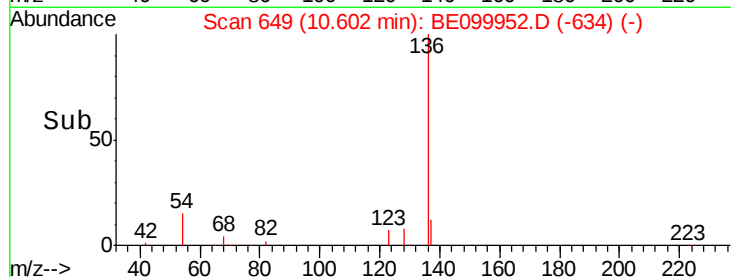
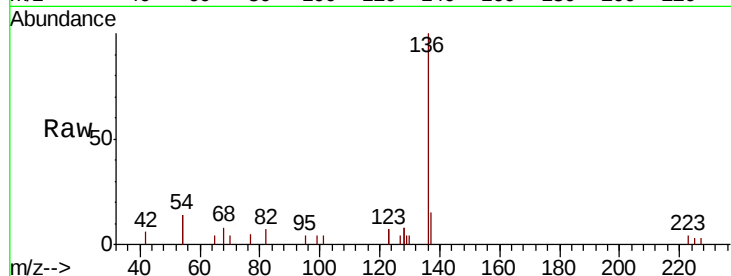
Ion Ratio Lower Upper

136 100

137 15.1 12.3 18.5

54 28.7 28.2 42.4

68 7.6 7.8 11.8#



#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

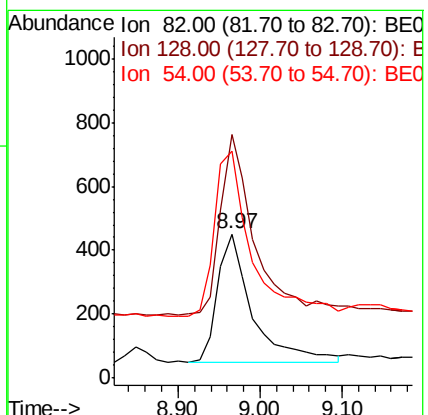
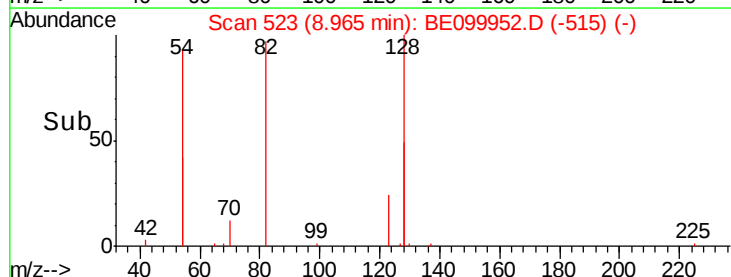
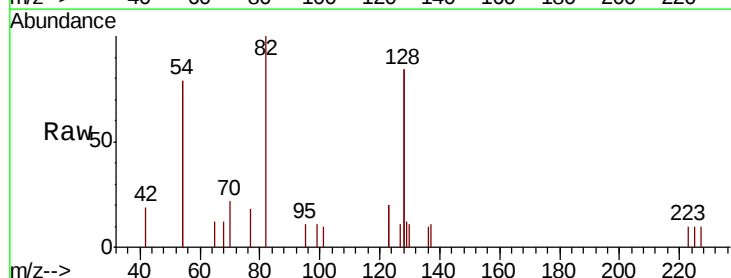
Tgt Ion: 82 Resp: 1188

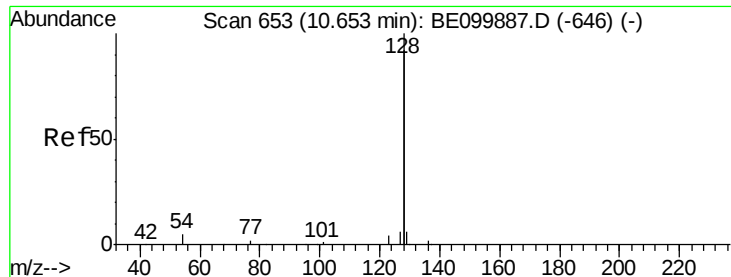
Ion Ratio Lower Upper

82 100

128 169.0 137.3 205.9

54 157.4 129.7 194.5

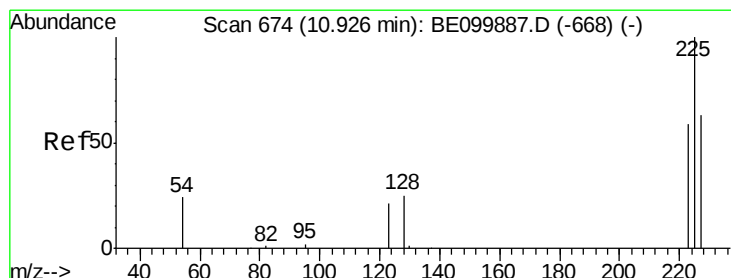
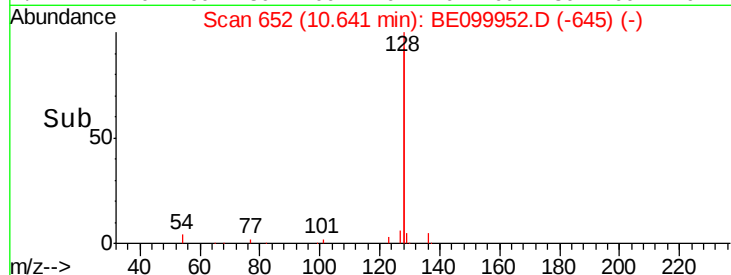
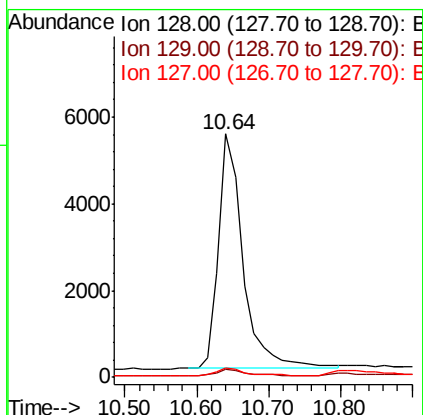
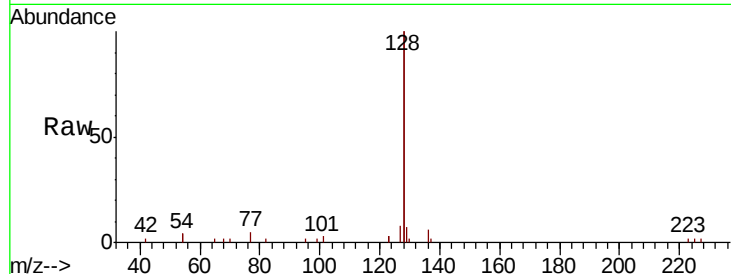




#9
Naphthalene
Concen: 0.378 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

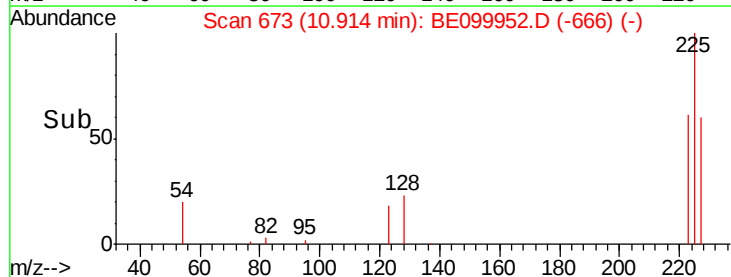
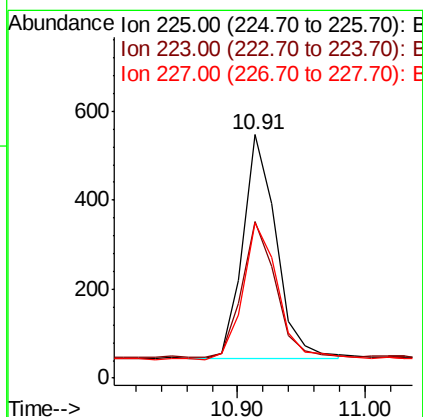
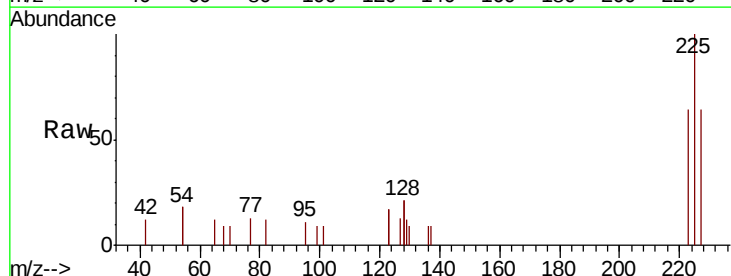
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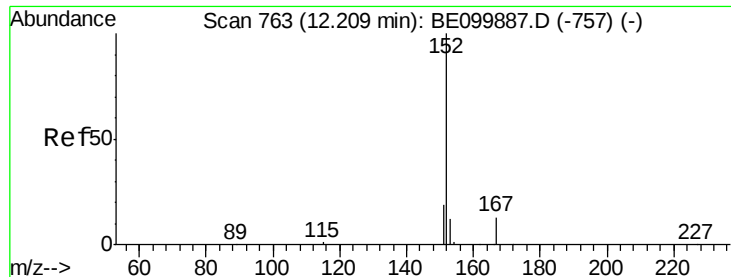
Tgt Ion:	128	Resp:	12929
Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.0	3.4	5.0



#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:	225	Resp:	914
Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.6	77.4
227	62.6	50.6	76.0

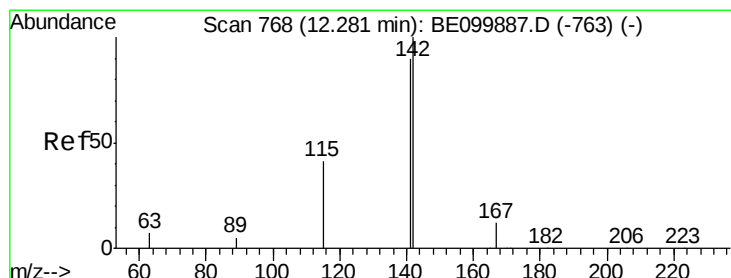
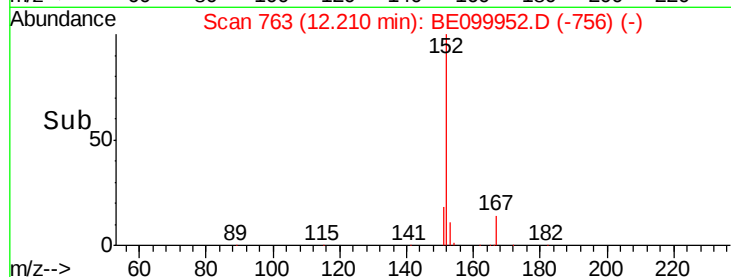
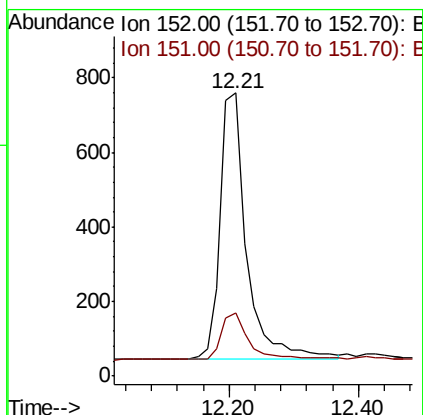
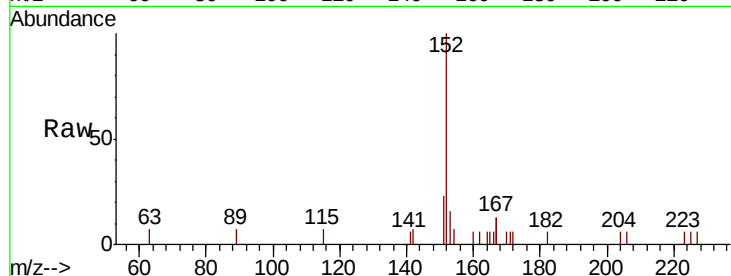




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

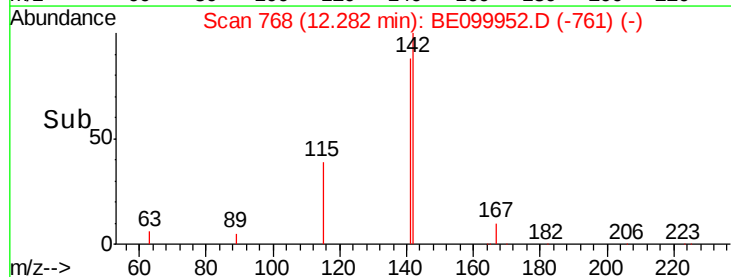
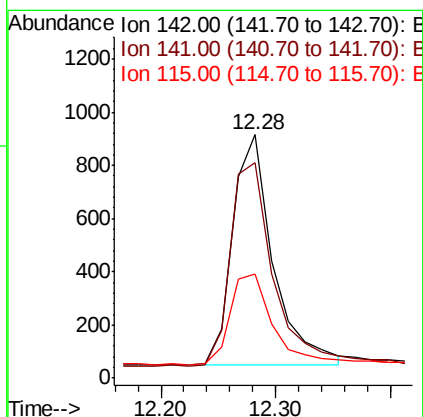
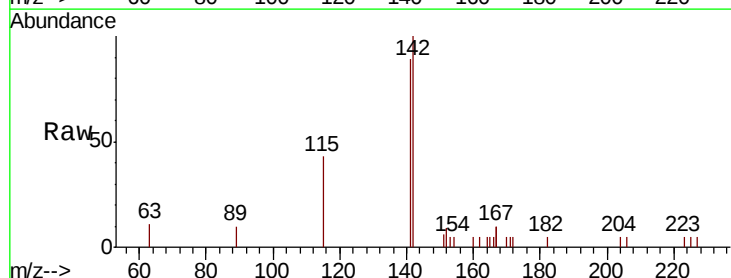
Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

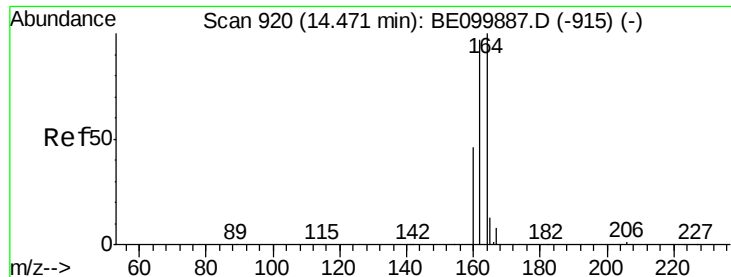
Tgt Ion:152 Resp: 2026
Ion Ratio Lower Upper
152 100
151 17.1 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:142 Resp: 2114
Ion Ratio Lower Upper
142 100
141 88.5 72.3 108.5
115 42.6 36.4 54.6

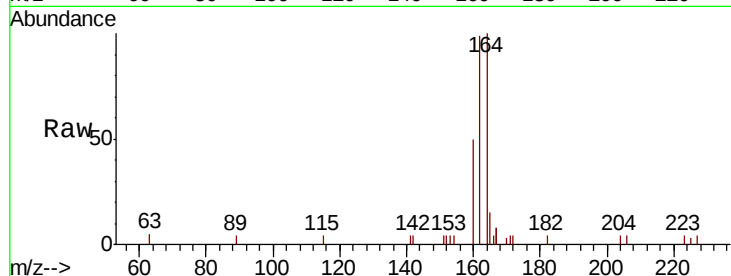




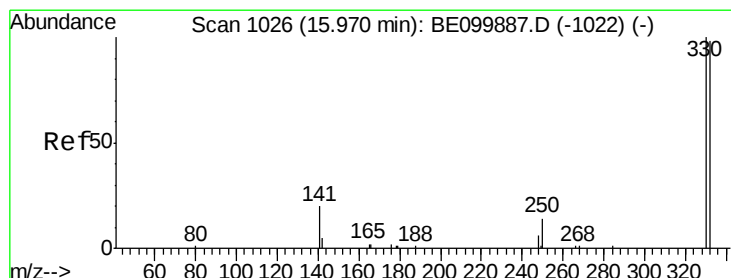
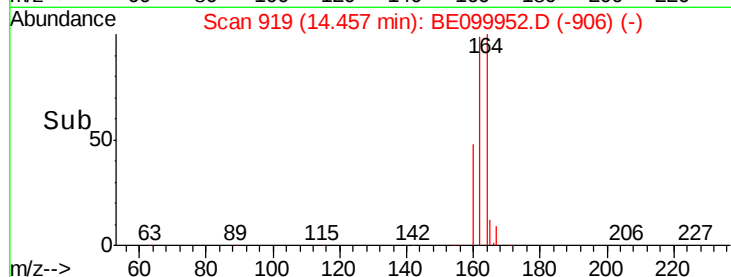
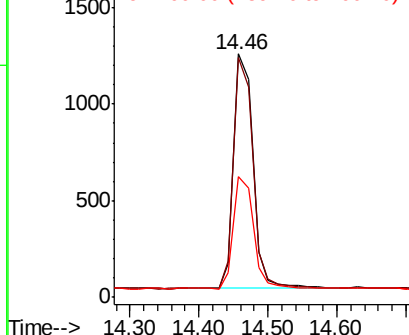
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE099952.D
 Acq: 12 Jun 2019 12:34

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MS

Tgt Ion:164 Resp: 2370
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.8 116.8
 160 49.8 38.2 57.4

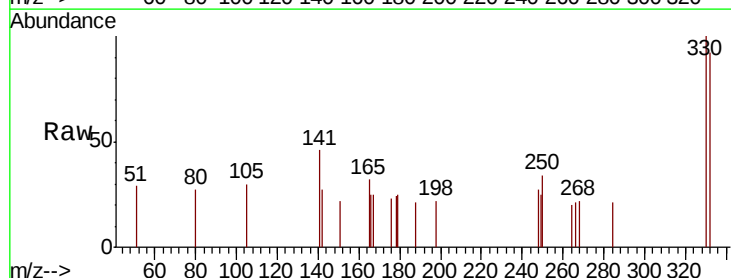


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

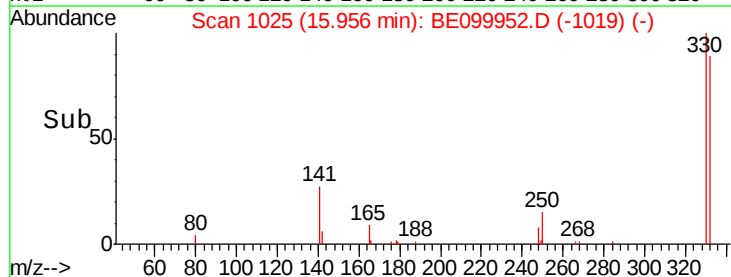
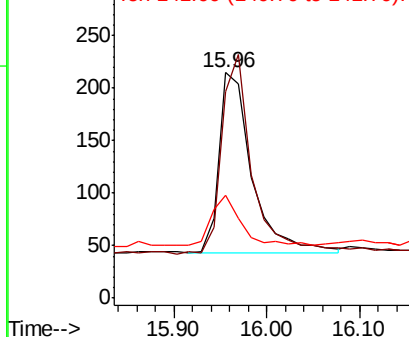


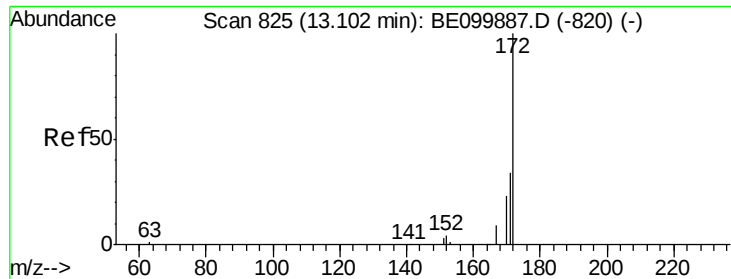
#14
 2,4,6-Tribromophenol
 Concen: 0.243 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099952.D
 Acq: 12 Jun 2019 12:34

Tgt Ion:330 Resp: 426
 Ion Ratio Lower Upper
 330 100
 332 107.3 76.7 115.1
 141 25.4 21.0 31.6



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

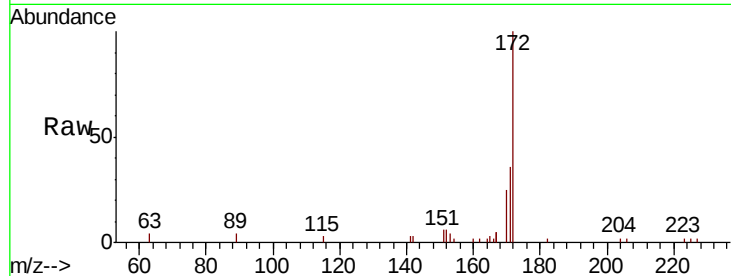




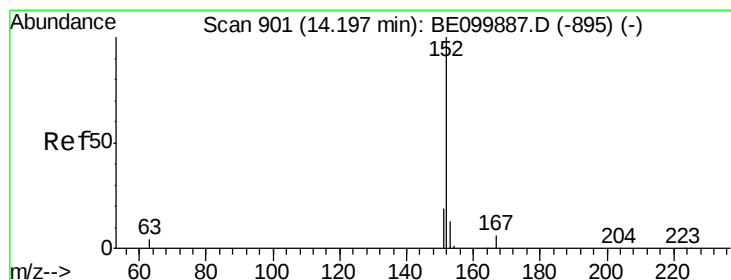
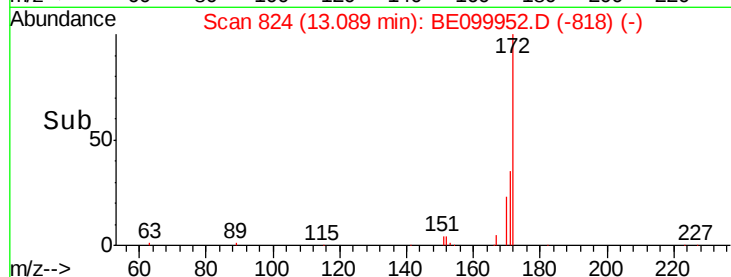
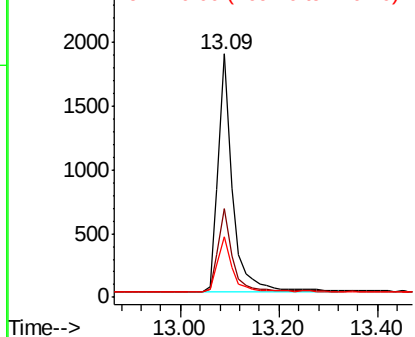
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

Tgt Ion:172 Resp: 3774
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.9 21.2 31.8

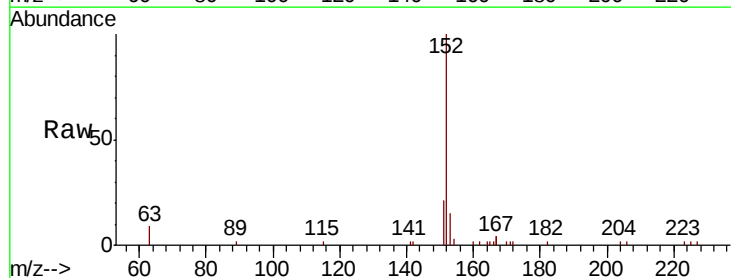


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

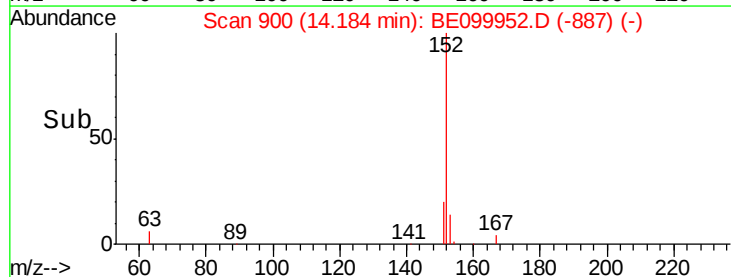
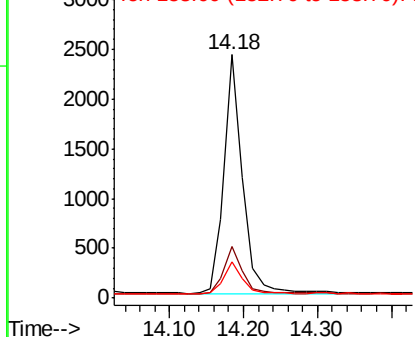


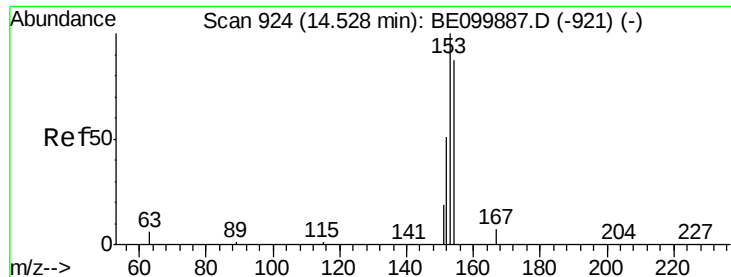
#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:152 Resp: 4203
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.5 10.2 15.2



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

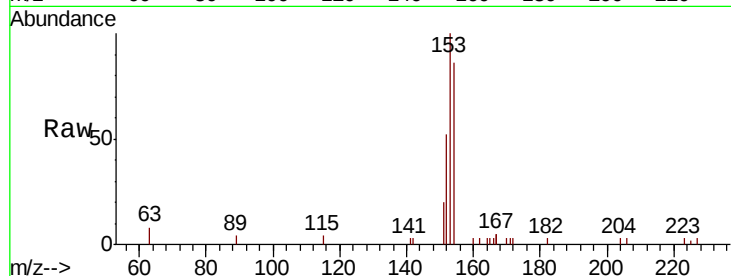




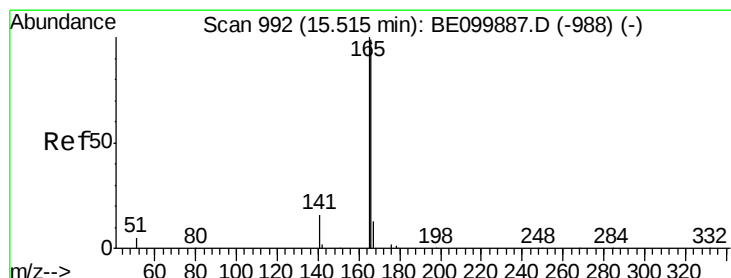
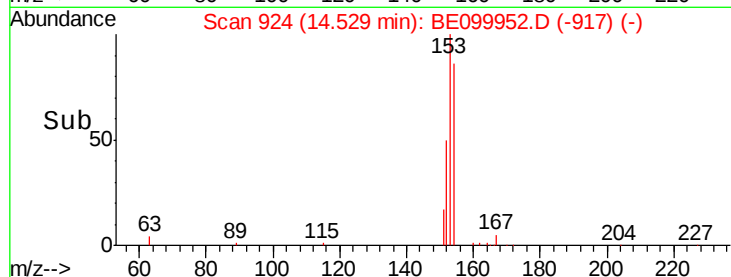
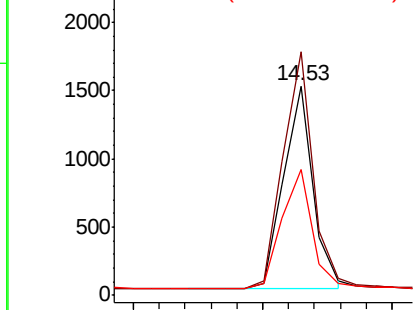
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MS

Tgt Ion:154 Resp: 2372
Ion Ratio Lower Upper
154 100
153 117.8 93.1 139.7
152 60.4 47.0 70.4

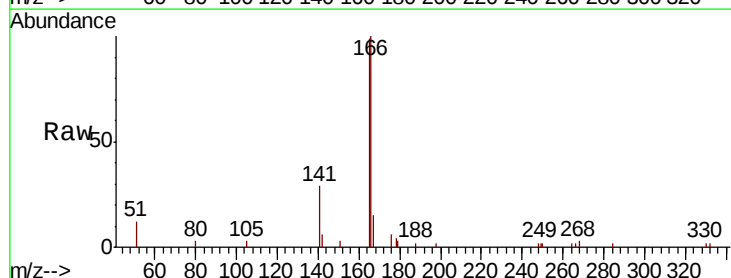


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

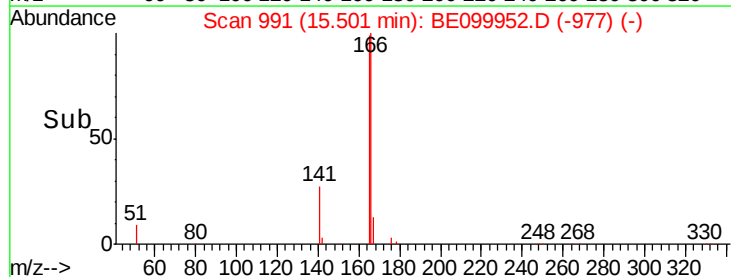
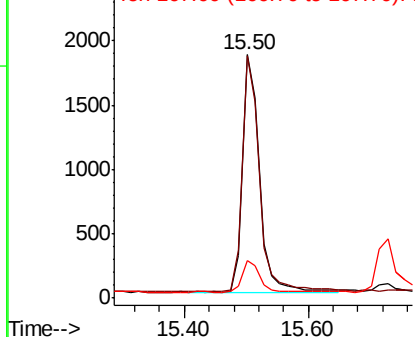


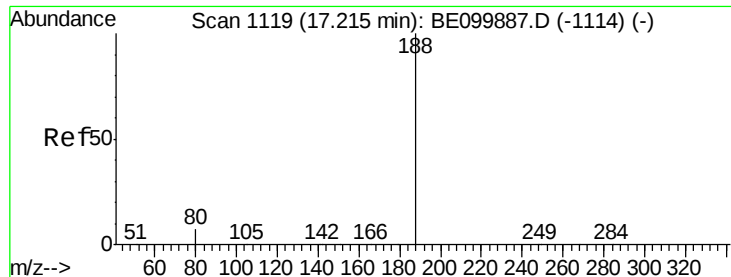
#18
Fluorene
Concen: 0.366 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099952.D
Acq: 12 Jun 2019 12:34

Tgt Ion:166 Resp: 3531
Ion Ratio Lower Upper
166 100
165 99.1 81.8 122.8
167 13.6 11.2 16.8



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: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

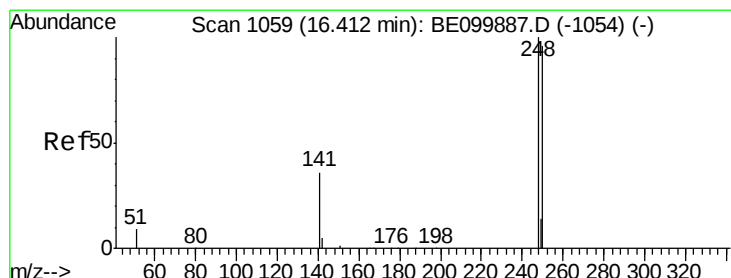
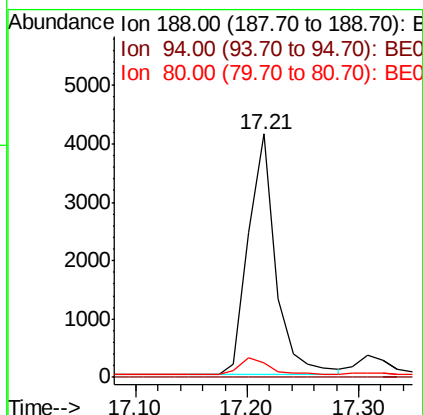
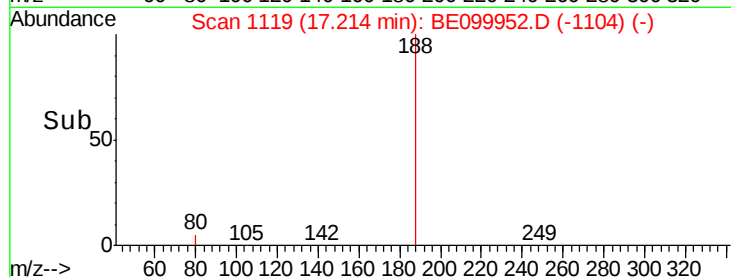
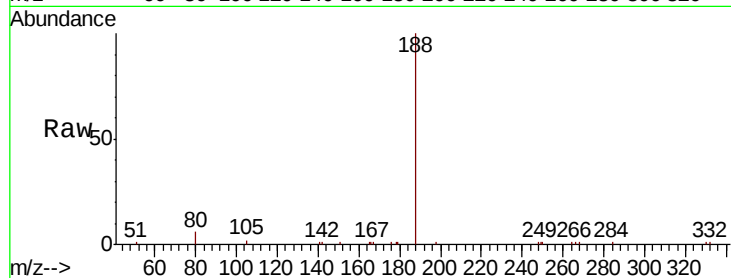
Tgt Ion:188 Resp: 7072

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.9 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.402 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

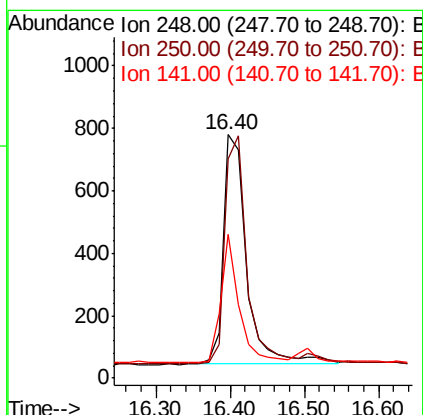
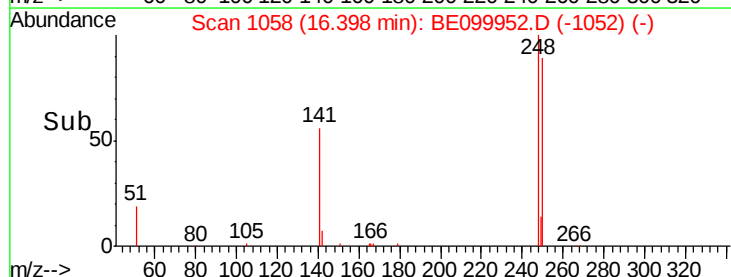
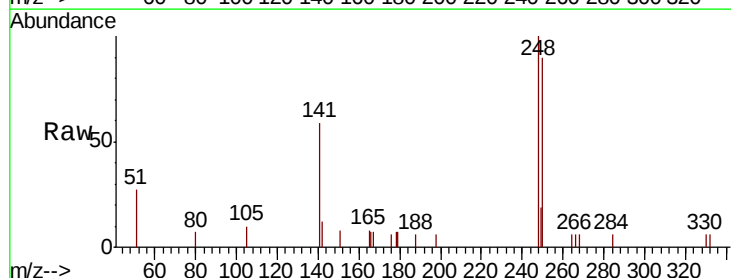
Tgt Ion:248 Resp: 1610

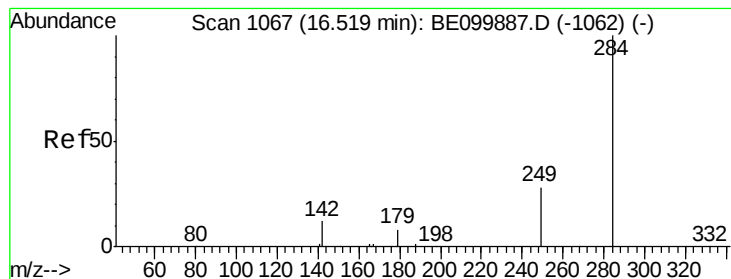
Ion Ratio Lower Upper

248 100

250 90.0 77.5 116.3

141 58.8 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

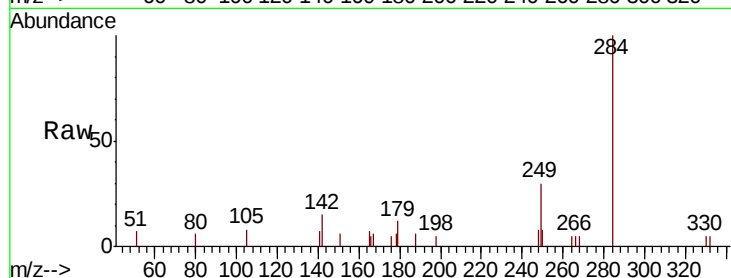
Tgt Ion:284 Resp: 1575

Ion Ratio Lower Upper

284 100

142 23.4 18.2 27.4

249 30.1 24.6 37.0

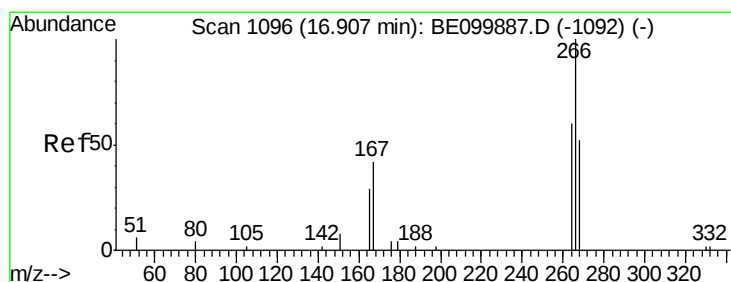
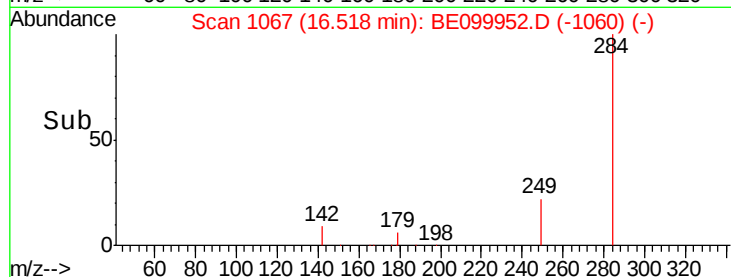
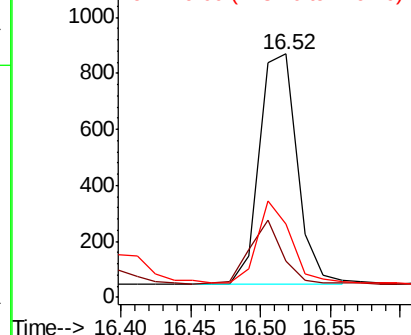


Abundance

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: 0.719 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

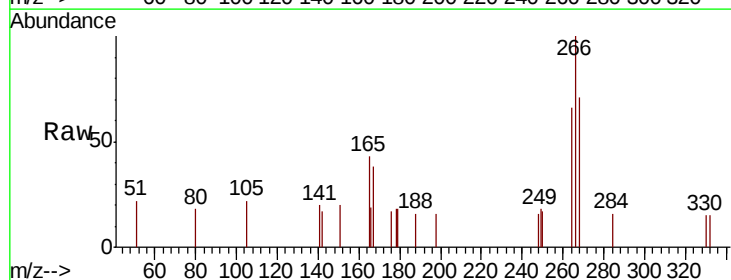
Tgt Ion:266 Resp: 827

Ion Ratio Lower Upper

266 100

264 66.0 62.2 93.2

268 71.2 65.5 98.3

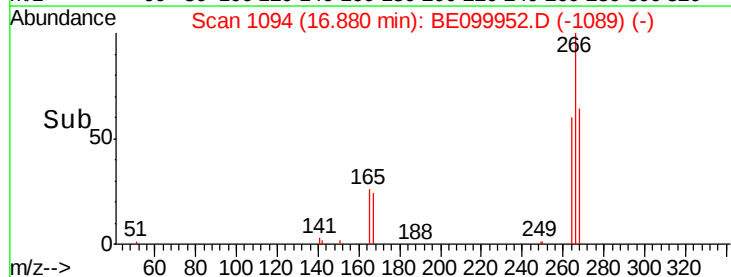
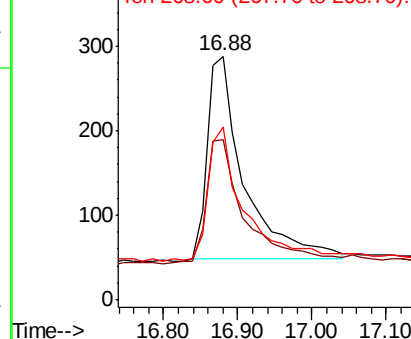


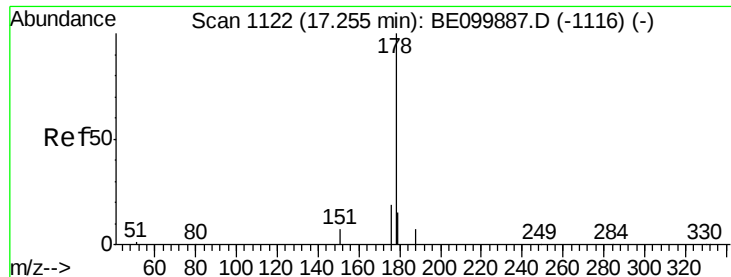
Abundance

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: 0.394 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

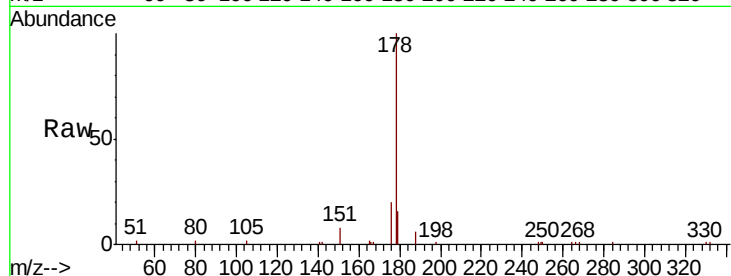
Tgt Ion:178 Resp: 6754

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

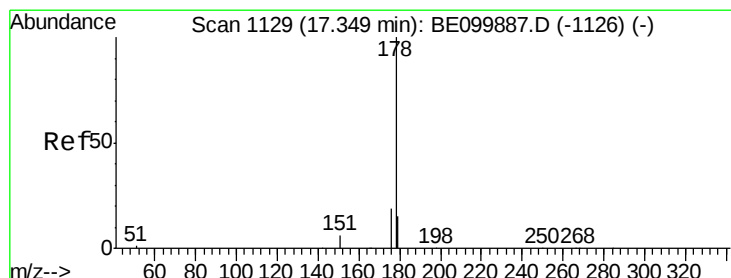
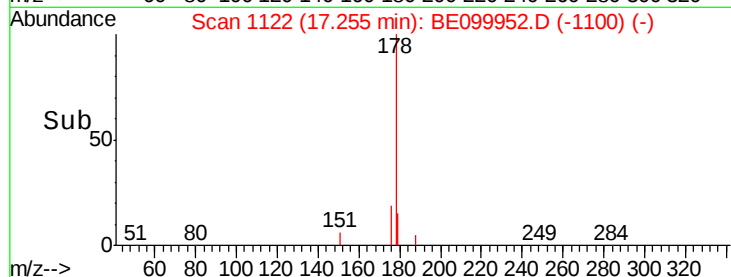
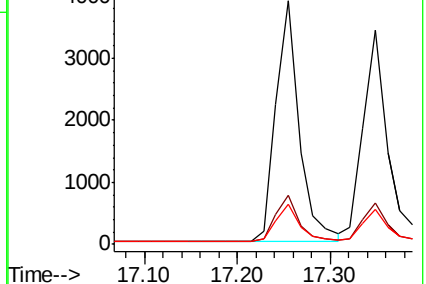
179 15.8 12.4 18.6



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



#24

Anthracene

Concen: 0.372 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

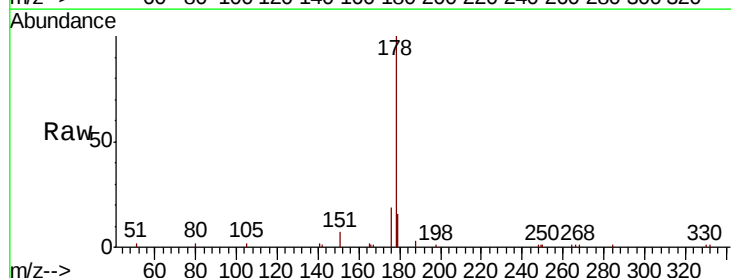
Tgt Ion:178 Resp: 5850

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

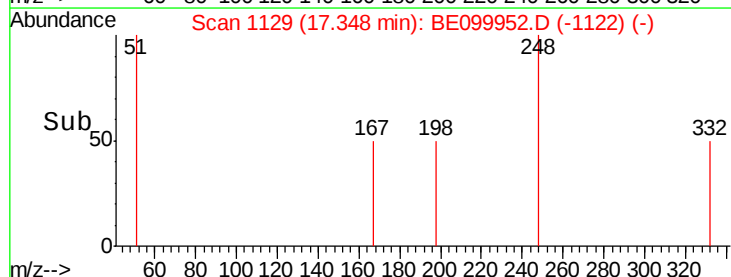
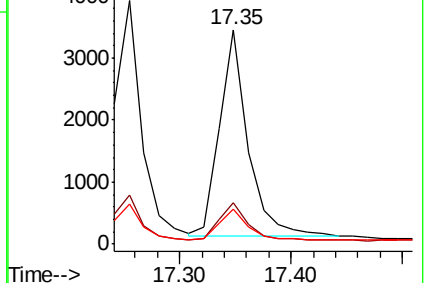
179 15.1 12.3 18.5

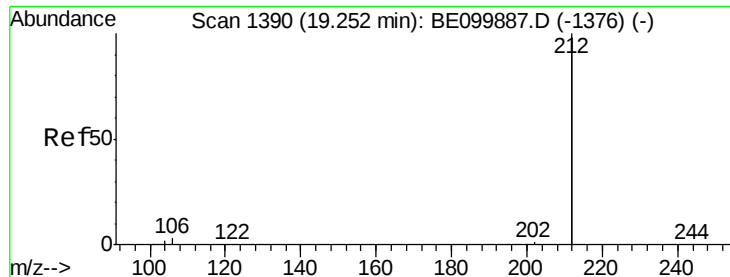


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

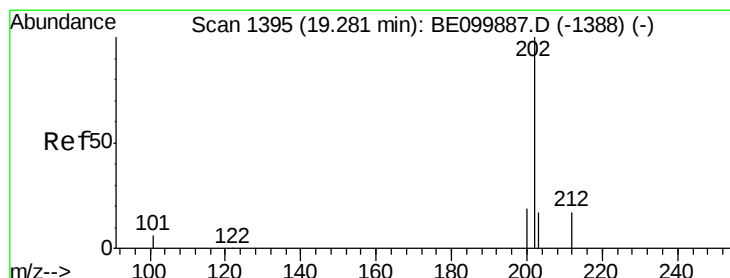
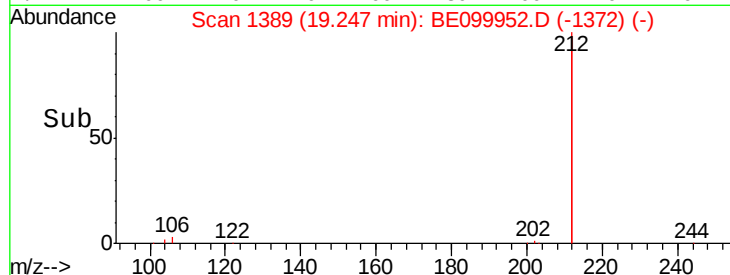
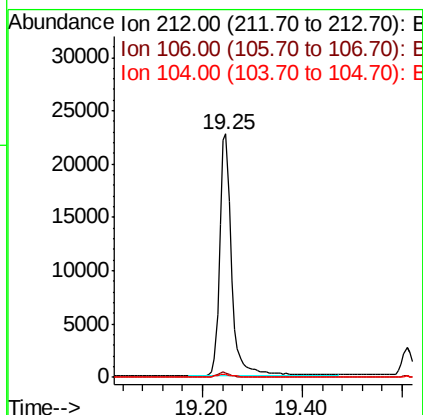
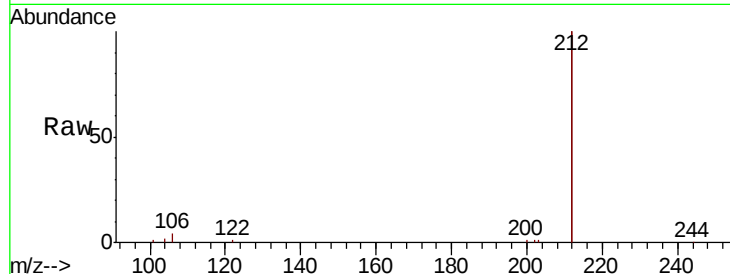




#25
 Fluoranthene-d10
 Concen: 0.362 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099952.D
 Acq: 12 Jun 2019 12:34

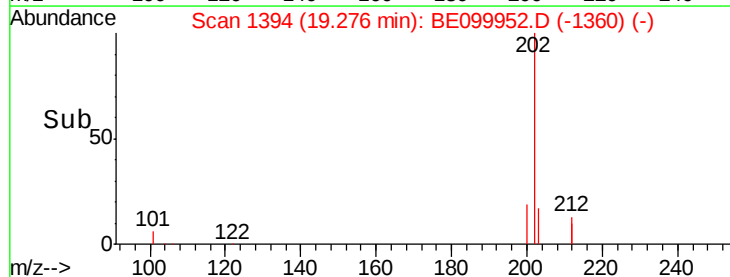
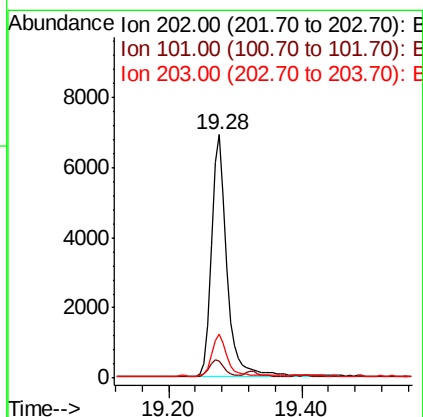
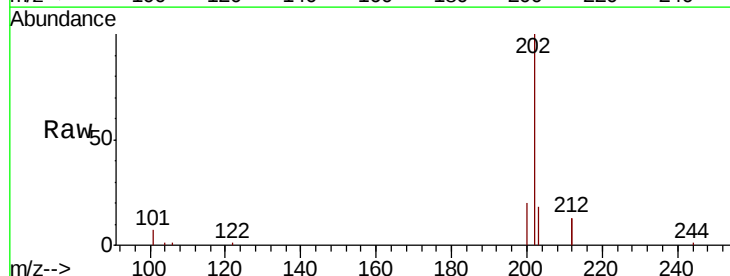
Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MS

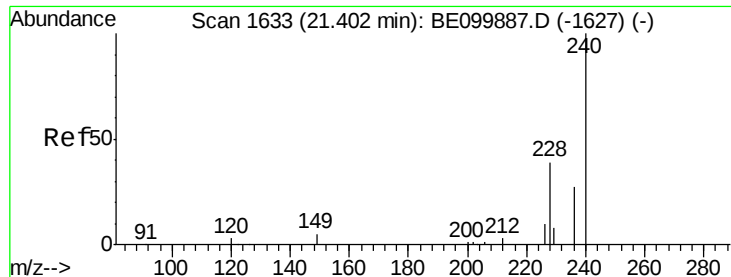
Tgt Ion: 212 Resp: 37256
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.2 0.9 1.3



#26
 Fluoranthene
 Concen: 0.376 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BE099952.D
 Acq: 12 Jun 2019 12:34

Tgt Ion: 202 Resp: 10973
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.4 8.0
 203 16.9 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

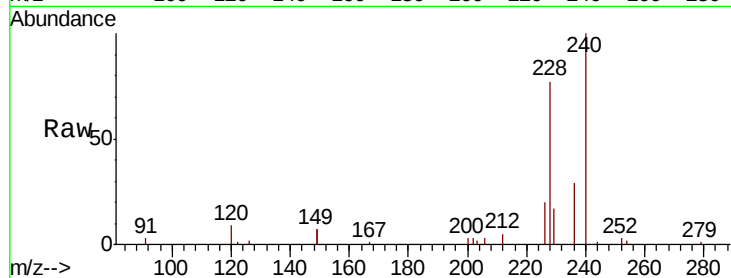
Tgt Ion:240 Resp: 10055

Ion Ratio Lower Upper

240 100

120 8.6 3.8 5.6#

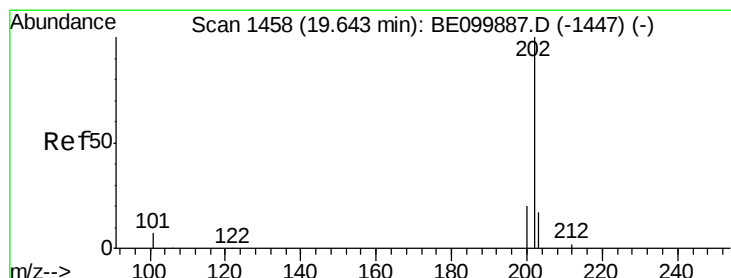
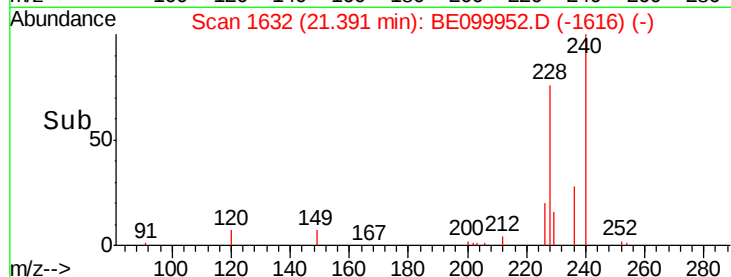
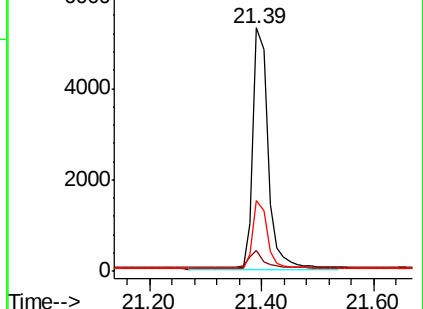
236 29.2 22.0 33.0



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: 0.471 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

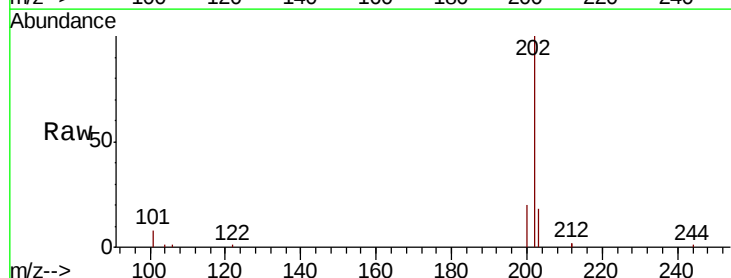
Tgt Ion:202 Resp: 12452

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

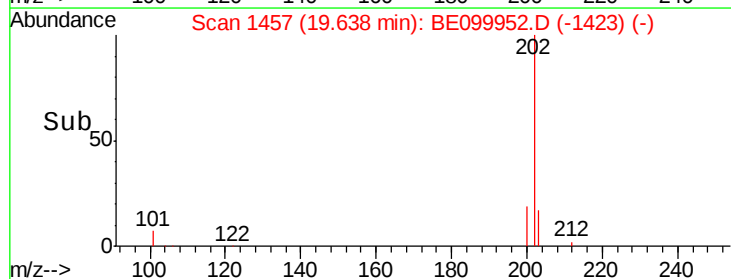
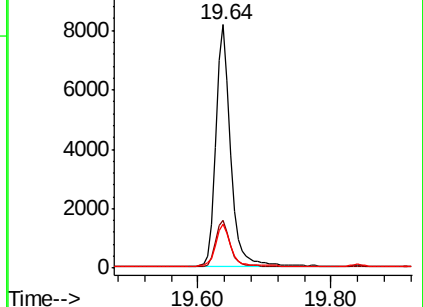
203 17.9 14.0 21.0

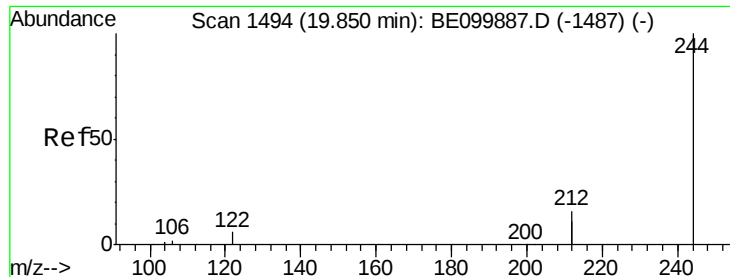


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

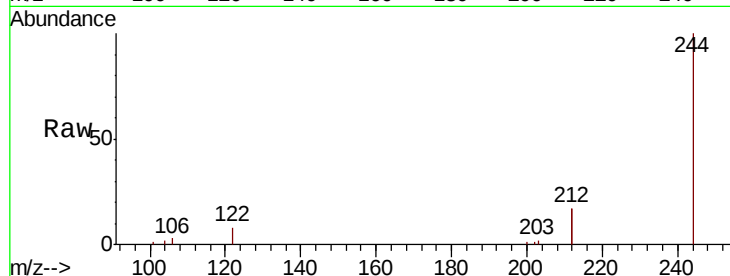
Tgt Ion:244 Resp: 9855

Ion Ratio Lower Upper

244 100

212 34.3 25.7 38.5

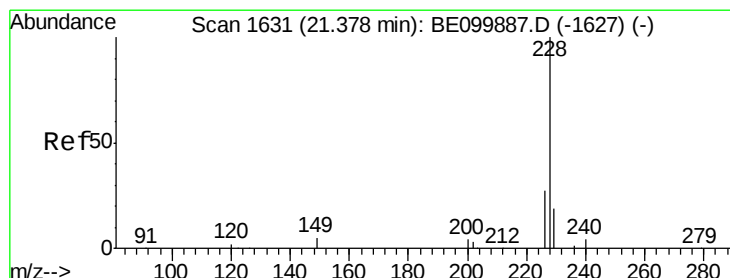
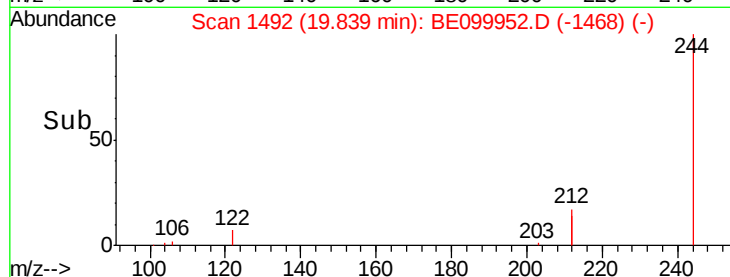
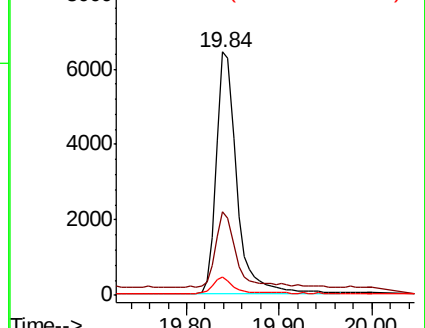
122 7.6 5.5 8.3



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: 0.410 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

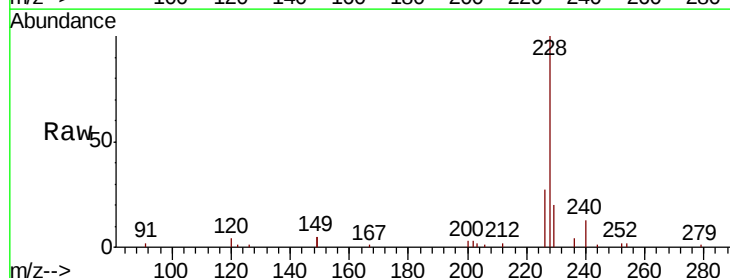
Tgt Ion:228 Resp: 12310

Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

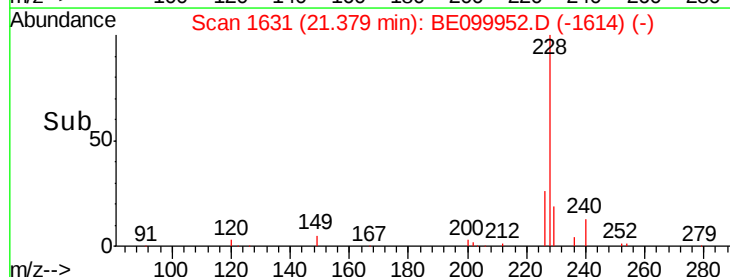
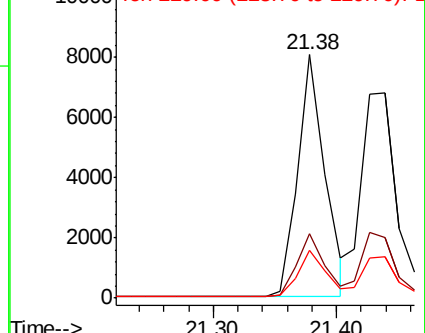
229 19.8 15.9 23.9

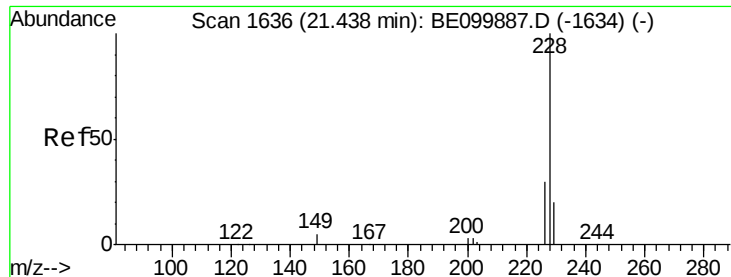


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.423 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

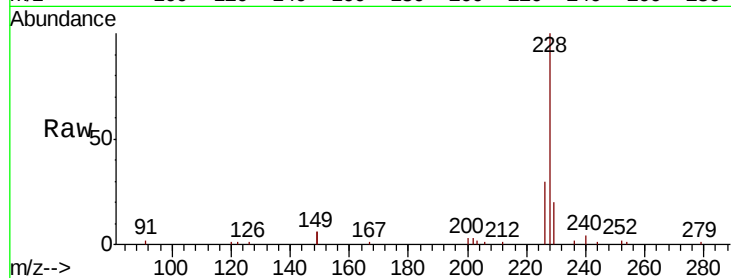
Tgt Ion: 228 Resp: 13136

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

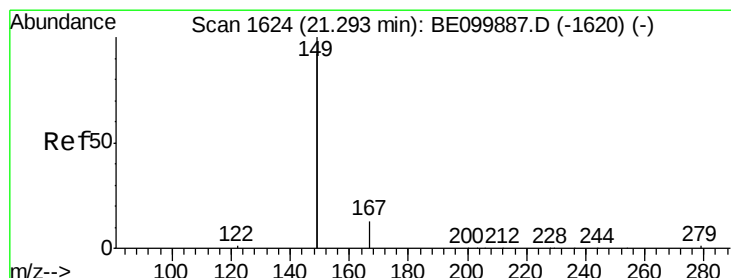
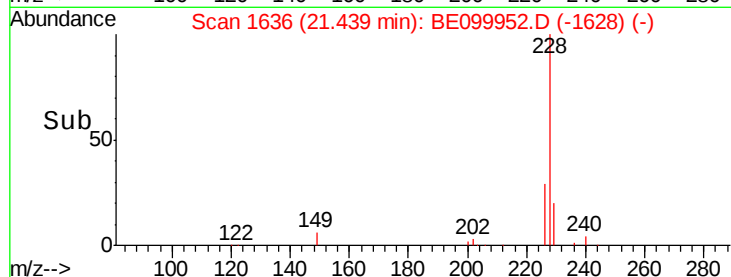
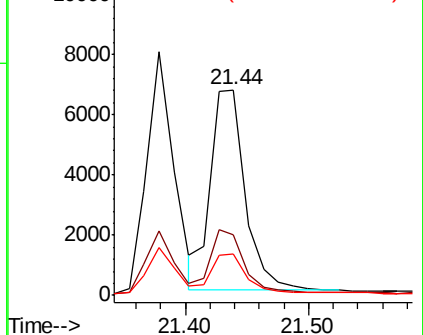
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.513 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

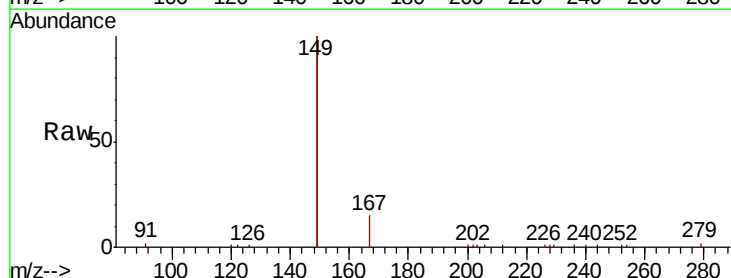
Tgt Ion: 149 Resp: 22114

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

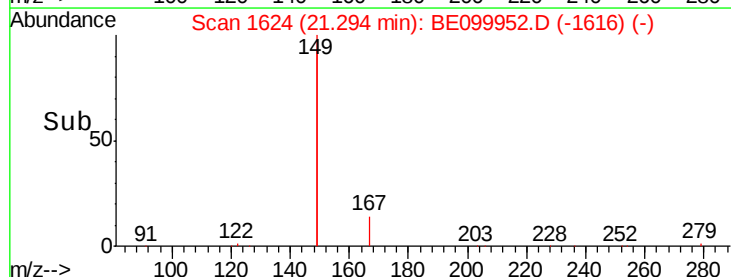
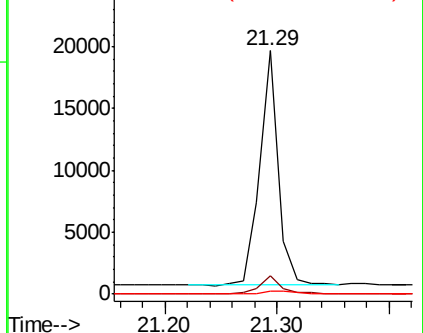
279 1.3 1.2 1.8

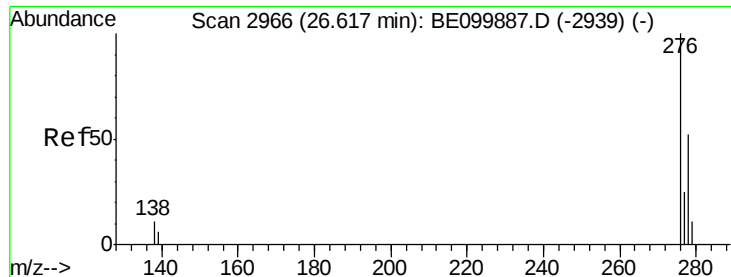


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.375 ng

RT: 26.61 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

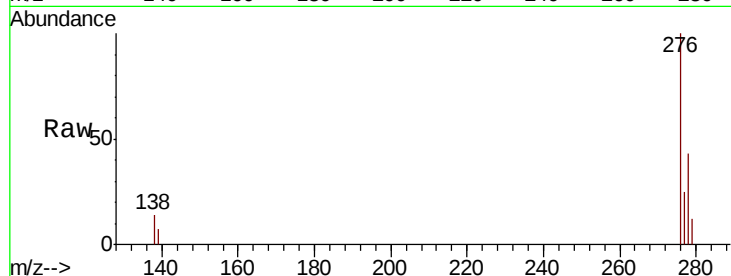
Tgt Ion:276 Resp: 13804

Ion Ratio Lower Upper

276 100

138 13.6 10.1 15.1

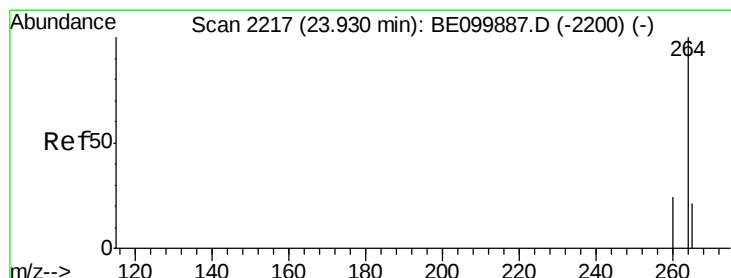
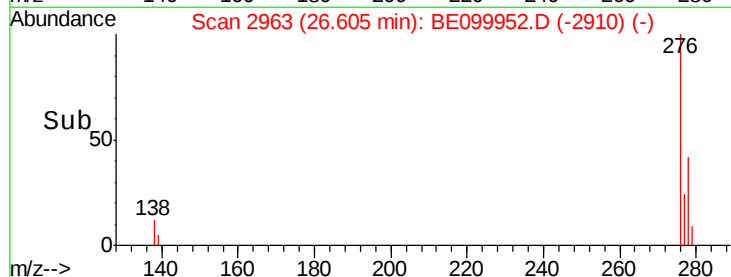
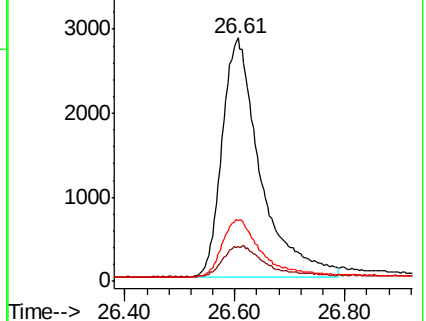
277 24.2 19.1 28.7



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

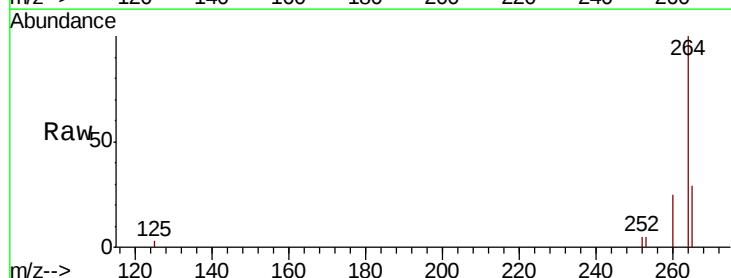
Tgt Ion:264 Resp: 11264

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

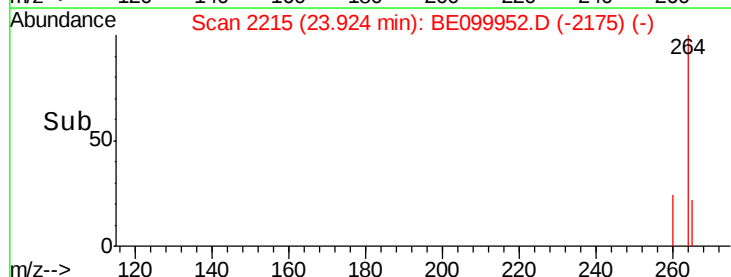
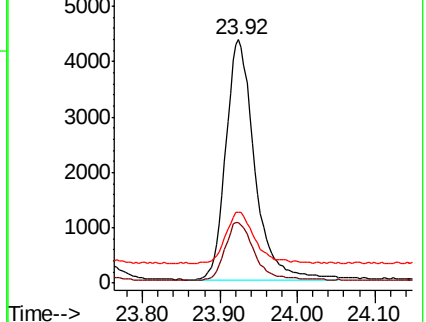
265 29.3 22.0 33.0

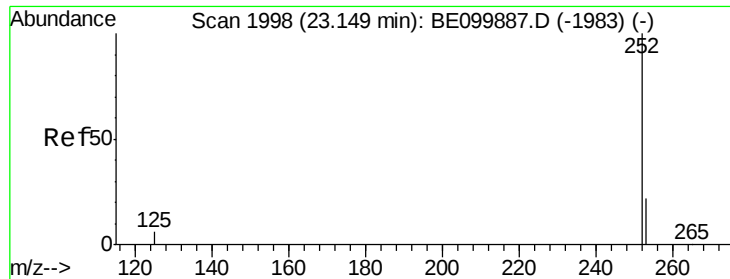


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 23.19 min Scan# 2010

Delta R.T. 0.04 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

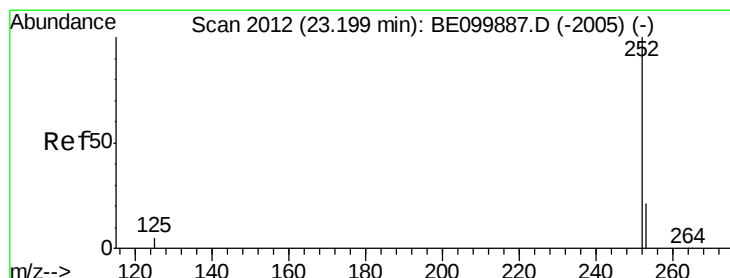
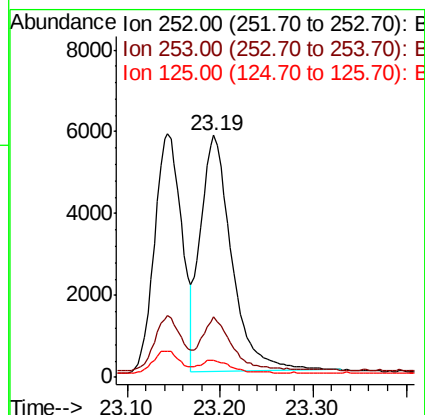
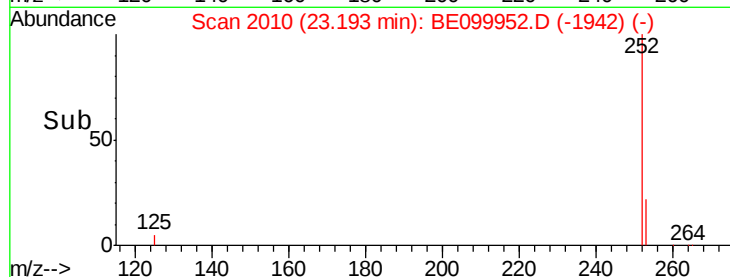
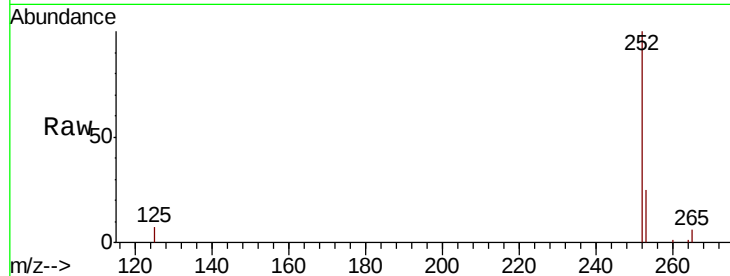
Tgt Ion:252 Resp: 13517

Ion Ratio Lower Upper

252 100

253 24.8 18.7 28.1

125 7.1 5.7 8.5



#36

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

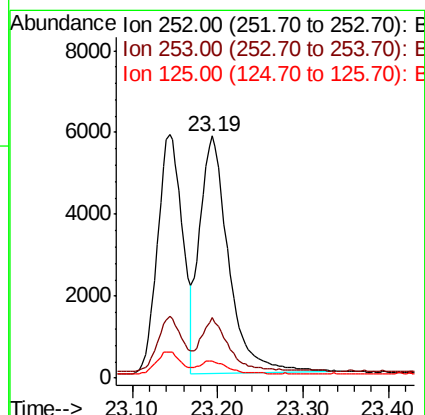
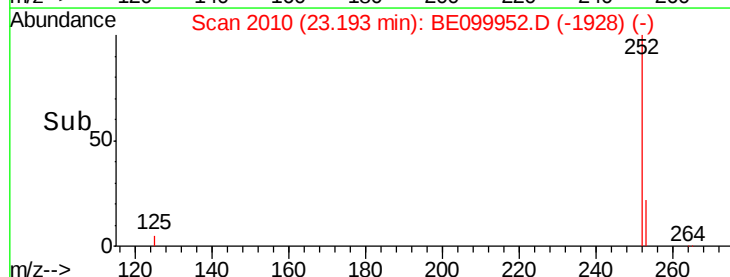
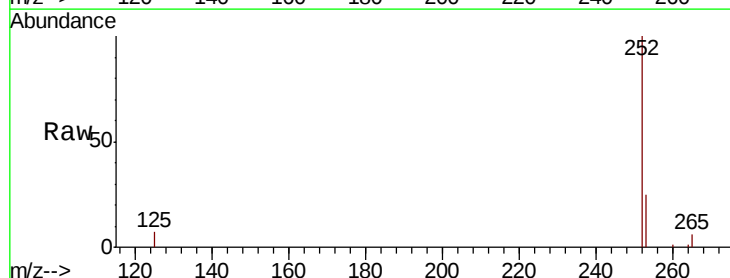
Tgt Ion:252 Resp: 13647

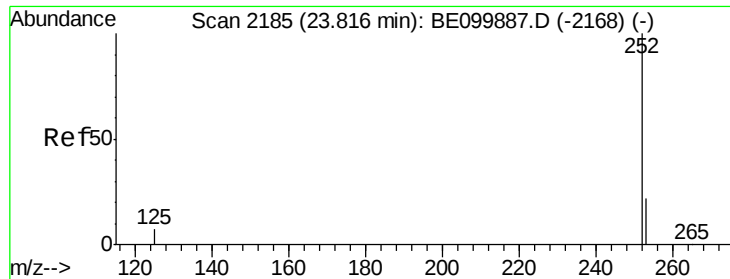
Ion Ratio Lower Upper

252 100

253 24.8 18.6 28.0

125 7.1 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS

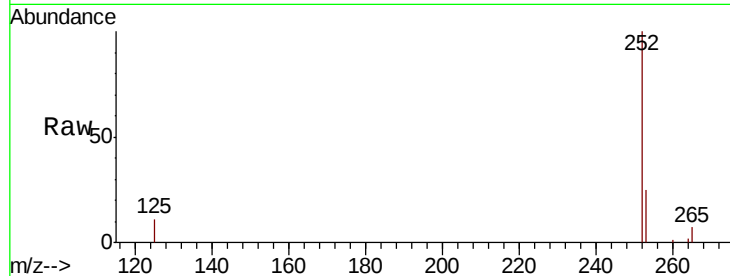
Tgt Ion:252 Resp: 12474

Ion Ratio Lower Upper

252 100

253 24.8 19.6 29.4

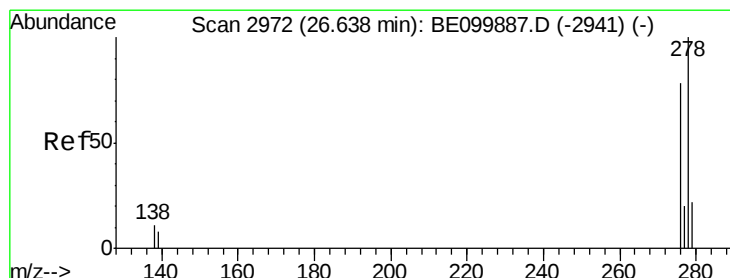
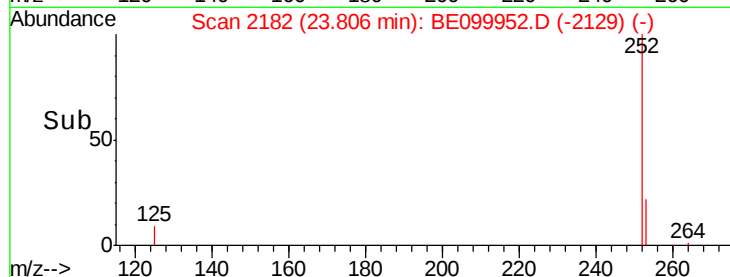
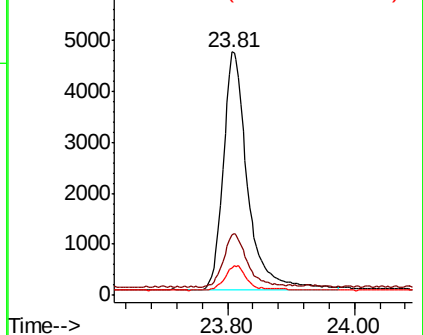
125 11.3 6.6 10.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.353 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BE099952.D

Acq: 12 Jun 2019 12:34

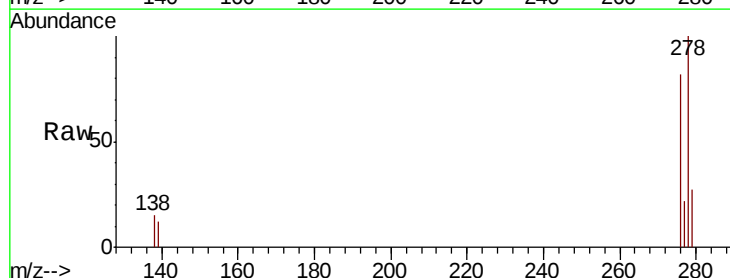
Tgt Ion:278 Resp: 11047

Ion Ratio Lower Upper

278 100

139 12.0 7.8 11.8#

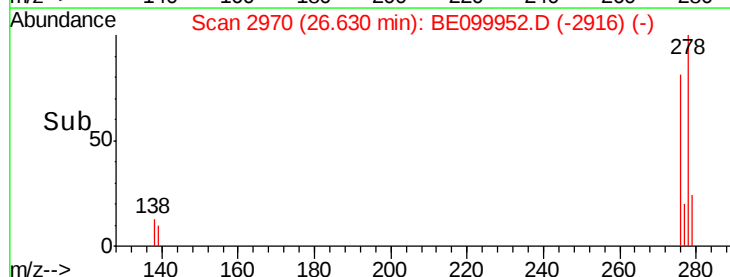
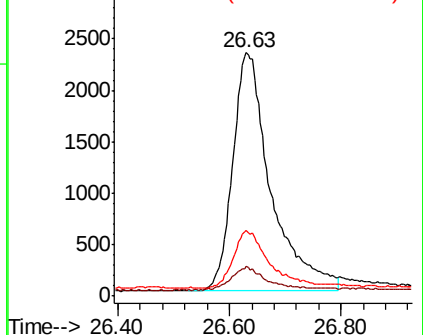
279 26.8 20.0 30.0

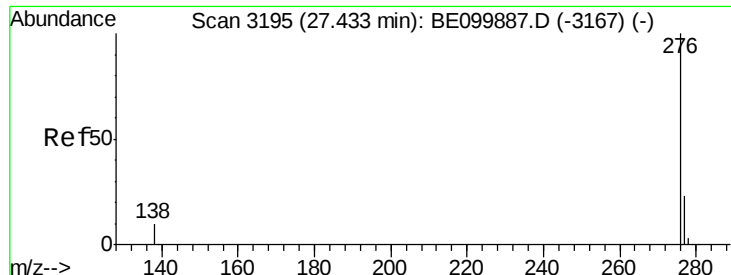


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.380 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE099952.D

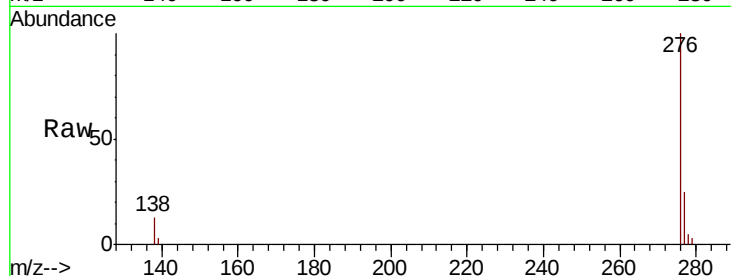
Acq: 12 Jun 2019 12:34

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MS



Tgt Ion: 276 Resp: 12286

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 13.2 9.5 14.3

