

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099966.D
 Acq On : 12 Jun 2019 21:03
 Operator : JU/SJ
 Sample : K3270-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-01

Quant Time: Jun 13 04:11:03 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	7.78	152	1117	0.40	ng	-0.02
7) Naphthalene-d8	10.60	136	3954	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	3467	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8749	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	12167	0.40	ng	-0.01
34) Perylene-d12	23.92	264	13824	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	283	0.09	ng	0.00
5) Phenol-d6	7.16	99	2314	0.60	ng	0.19
8) Nitrobenzene-d5	9.02	82	128	0.03	ng	0.05
11) 2-Methylnaphthalene-d10	12.20	152	1011	0.15	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	390	0.15	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	2052	0.16	ng	-0.03
25) Fluoranthene-d10	19.24	212	16548	0.13	ng	-0.01
29) Terphenyl-d14	19.84	244	8186	0.37	ng	-0.01

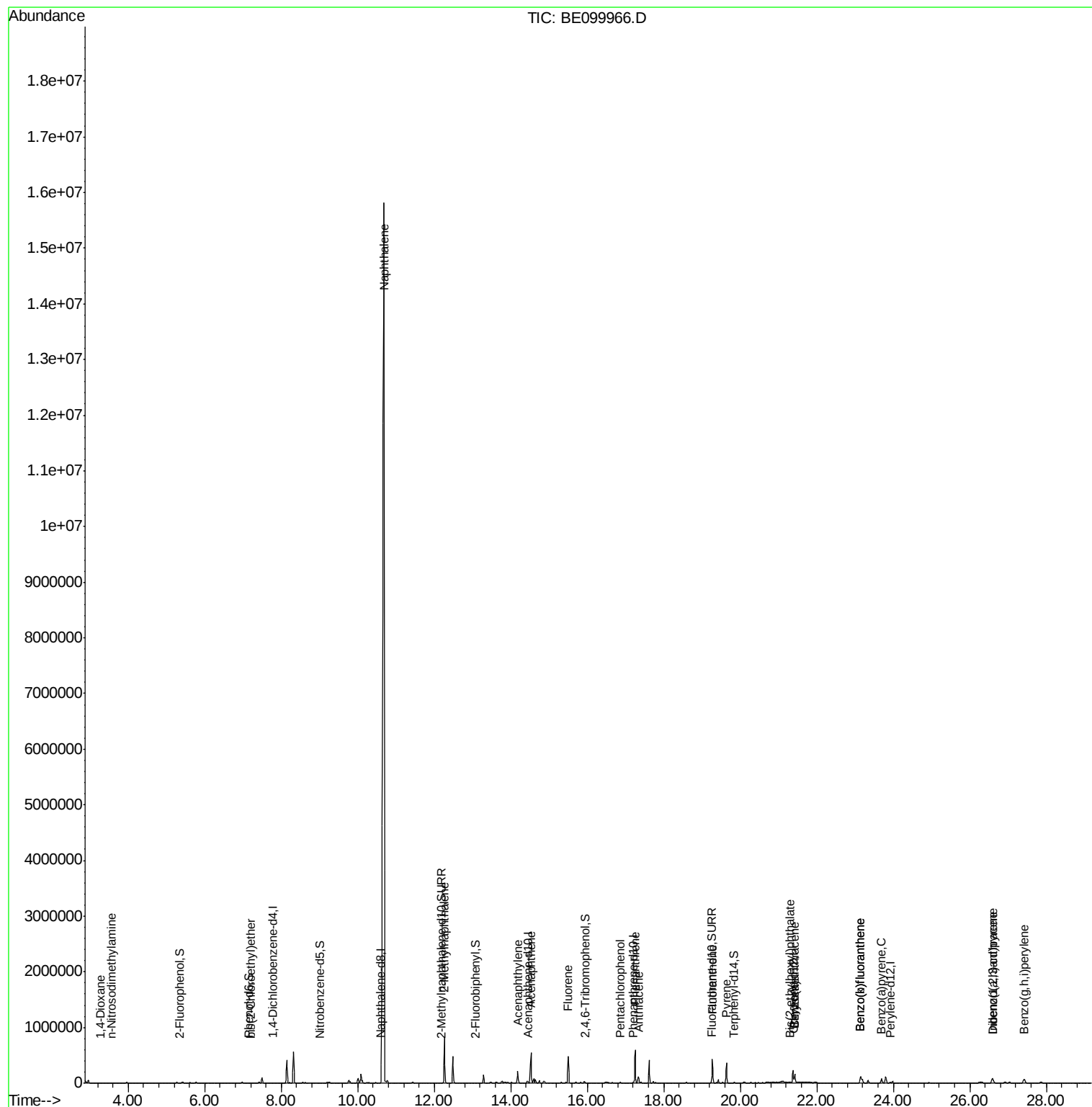
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	57	0.034	ng	# 1
3) n-Nitrosodimethylamine	3.57	42	148	0.155	ng	# 100
6) bis(2-Chloroethyl)ether	7.20	93	146	0.046	ng	# 1
9) Naphthalene	10.69	128	43248968	1013.272	ng	99
12) 2-Methylnaphthalene	12.27	142	529441	76.350	ng	99
16) Acenaphthylene	14.18	152	244393	14.168	ng	98
17) Acenaphthene	14.53	154	285726	30.414	ng	100
18) Fluorene	15.50	166	330771	23.458	ng	99
22) Pentachlorophenol	16.87	266	50	0.320	ng	93
23) Phenanthrene	17.25	178	668691	31.498	ng	99
24) Anthracene	17.33	178	115163	5.917	ng	# 94
26) Fluoranthene	19.27	202	404173	11.201	ng	98
28) Pyrene	19.64	202	349236	10.925	ng	98
30) Benzo(a)anthracene	21.43	228	146786	4.037	ng	94
31) Chrysene	21.43	228	146104	3.886	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	7030	0.135	ng	99
33) Indeno(1,2,3-cd)pyrene	26.59	276	157510	3.533	ng	98
35) Benzo(b)fluoranthene	23.14	252	245849	6.346	ng	99
36) Benzo(k)fluoranthene	23.14	252	245849	6.067	ng	99
37) Benzo(a)pyrene	23.69	252	126124	3.305	ng	97
38) Dibenzo(a,h)anthracene	26.60	278	38038	0.990	ng	100
39) Benzo(g,h,i)perylene	27.42	276	182331	4.592	ng	98

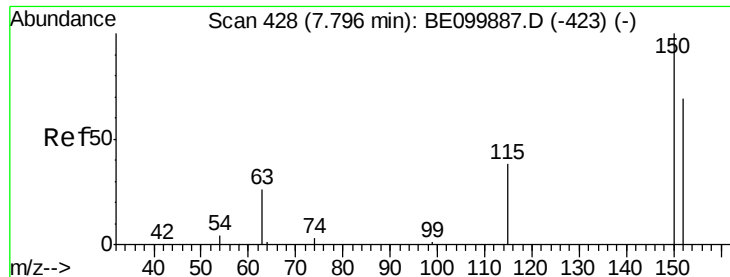
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 04:11:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.02 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

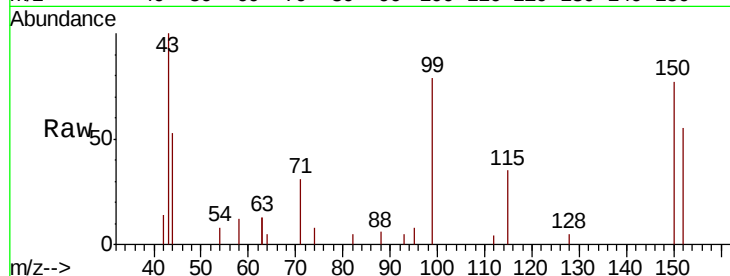
Tgt Ion:152 Resp: 1117

Ion Ratio Lower Upper

152 100

150 139.8 111.0 166.6

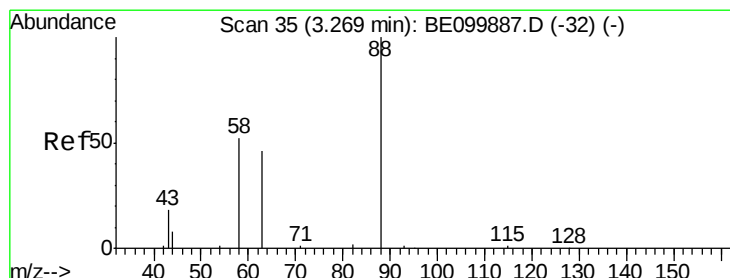
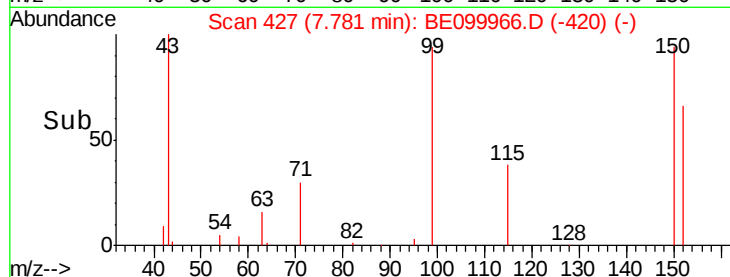
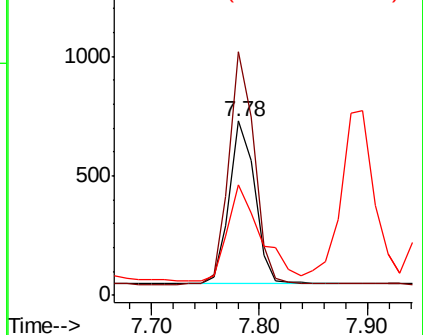
115 63.2 50.7 76.1



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: 0.034 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

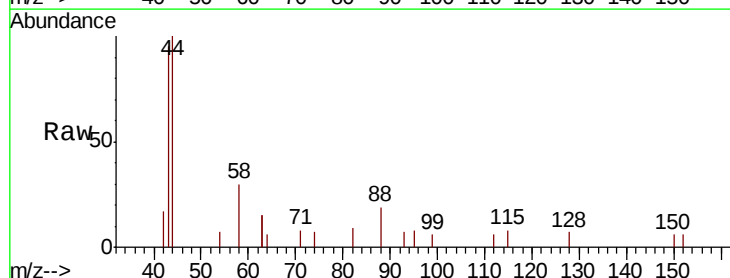
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 135.1 48.8 73.2#

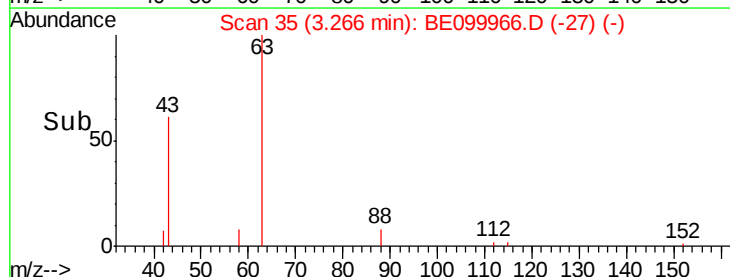
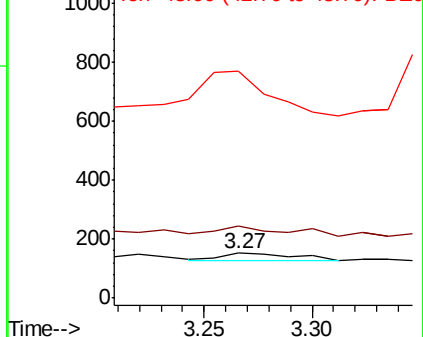
43 645.6 19.0 28.6#

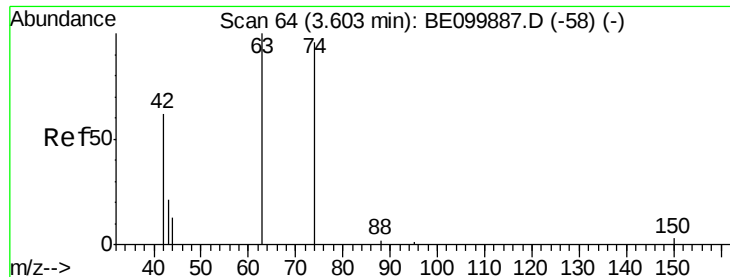


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.155 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.04 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampled :

TW-01

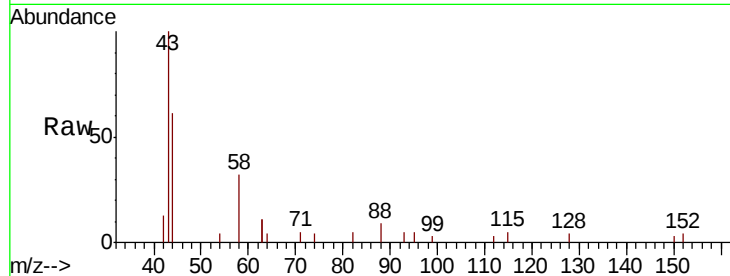
Tgt Ion: 42 Resp: 148

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

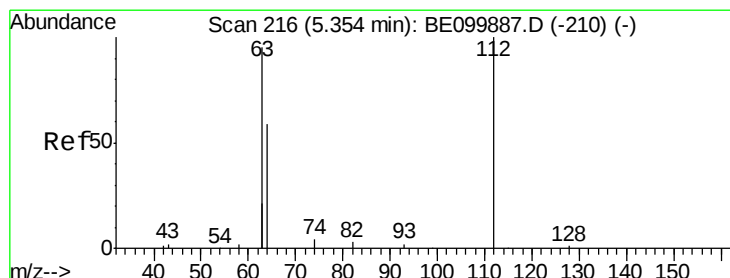
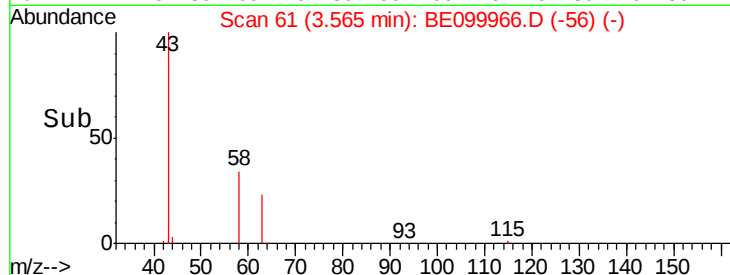
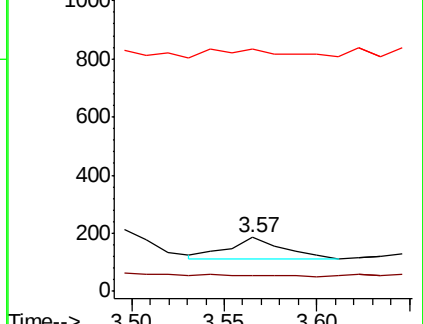
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

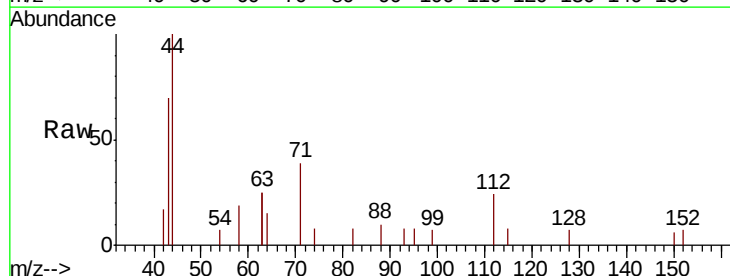
Tgt Ion: 112 Resp: 283

Ion Ratio Lower Upper

112 100

64 41.3 44.1 66.1#

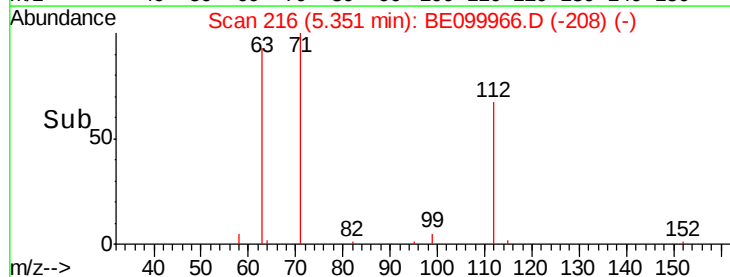
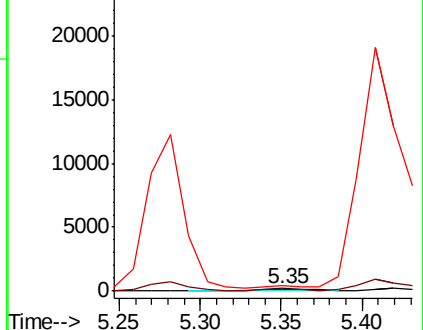
63 0.0 87.8 131.6#

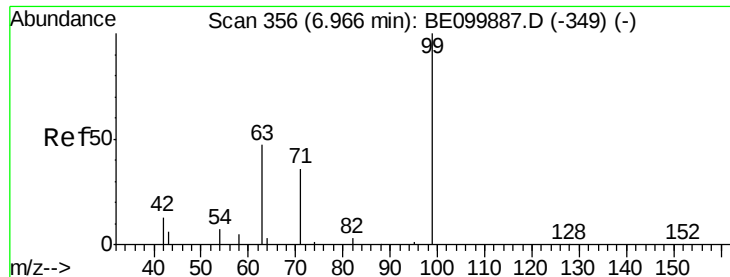


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.596 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.19 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

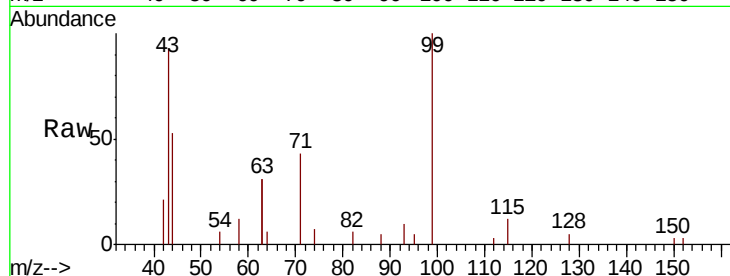
Tgt Ion: 99 Resp: 2314

Ion Ratio Lower Upper

99 100

42 23.1 15.9 23.9

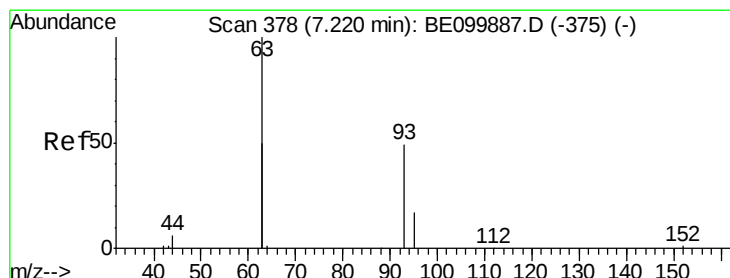
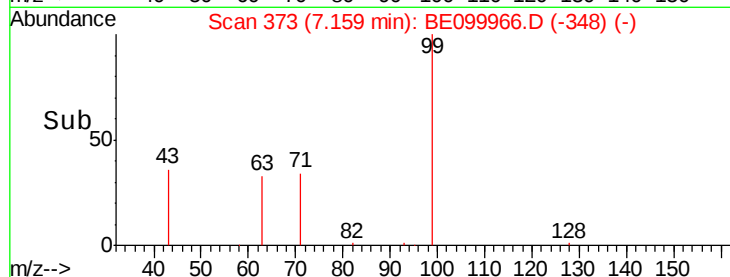
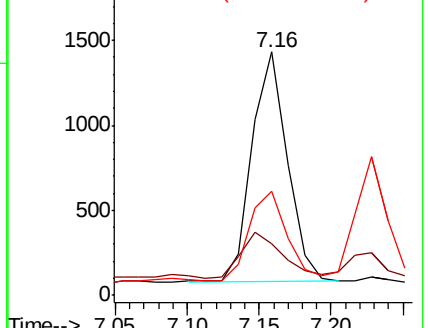
71 41.2 34.6 52.0



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

bis(2-Chloroethyl)ether

Concen: 0.046 ng

RT: 7.20 min Scan# 377

Delta R.T. -0.02 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

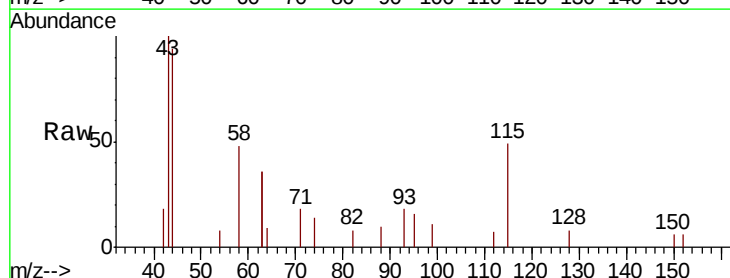
Tgt Ion: 93 Resp: 146

Ion Ratio Lower Upper

93 100

63 0.0 202.8 304.2#

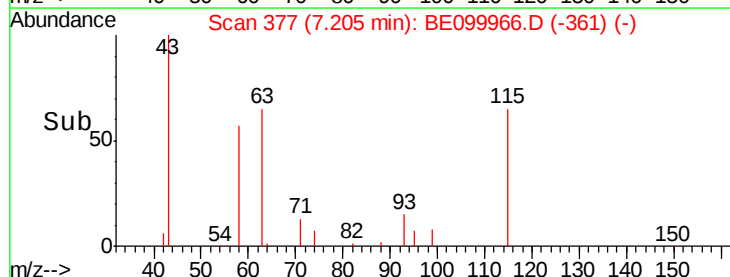
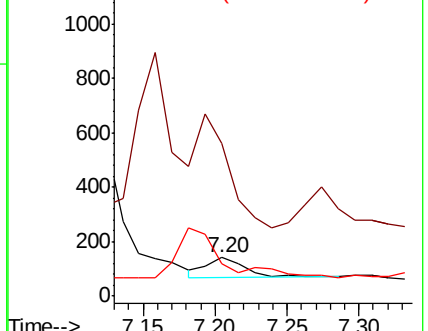
95 0.0 23.7 35.5#

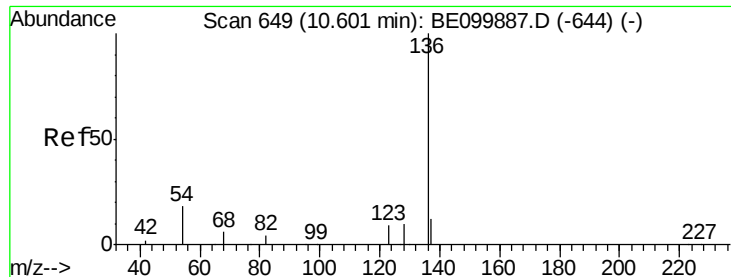


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

Tgt Ion:136 Resp: 3954

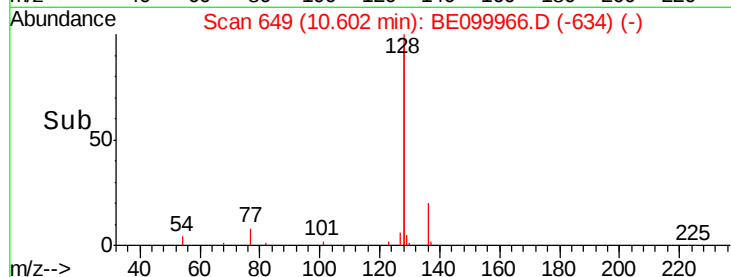
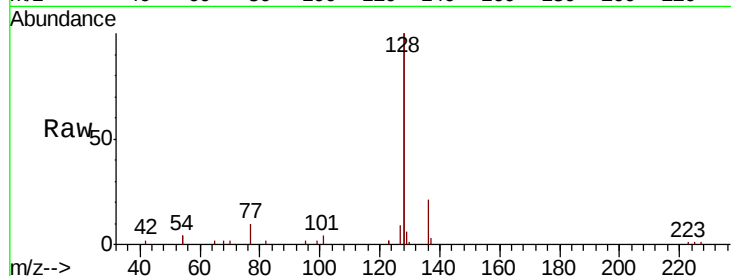
Ion Ratio Lower Upper

136 100

137 13.7 12.3 18.5

54 40.1 28.2 42.4

68 11.8 7.8 11.8#



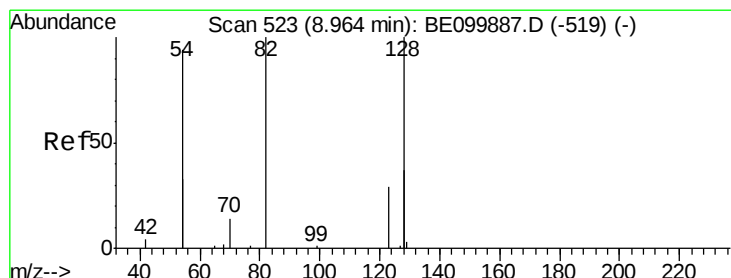
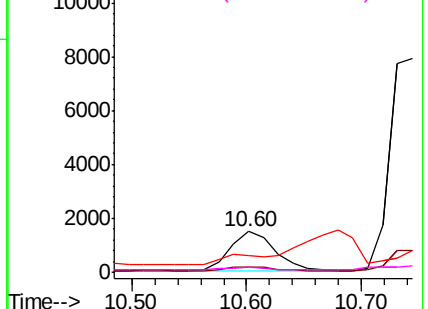
Abundance

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: 0.034 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

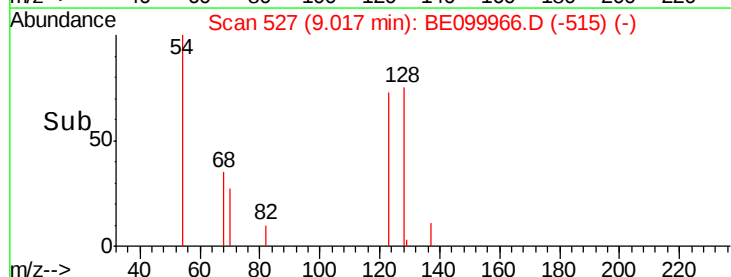
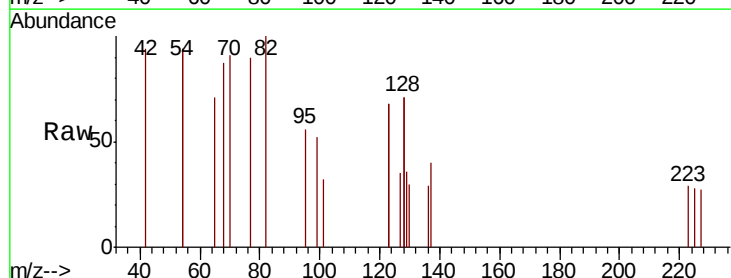
Tgt Ion: 82 Resp: 128

Ion Ratio Lower Upper

82 100

128 141.1 137.3 205.9

54 187.7 129.7 194.5

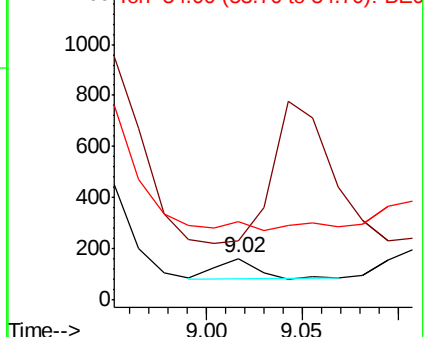


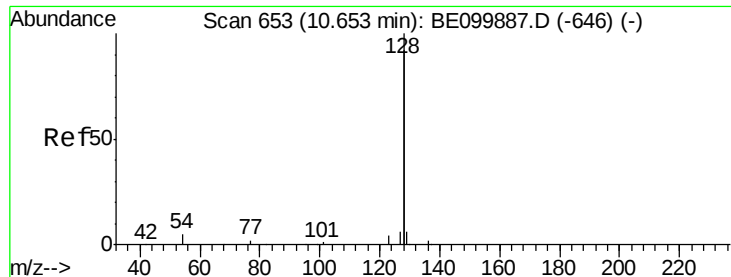
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

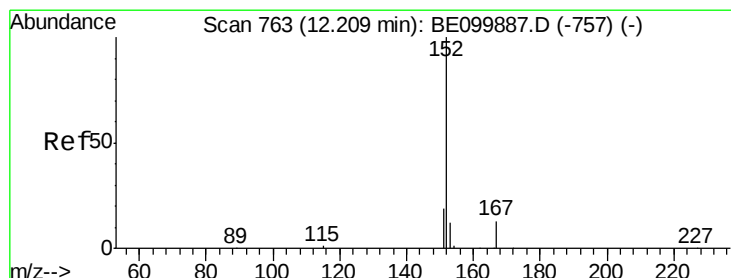
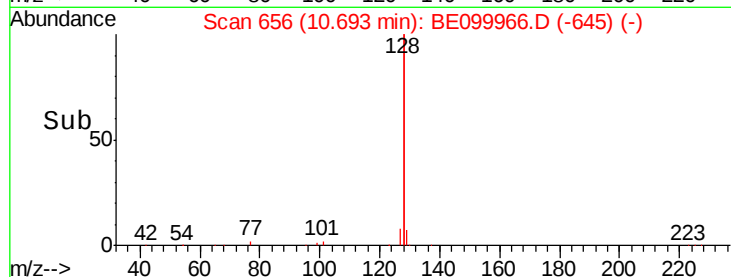
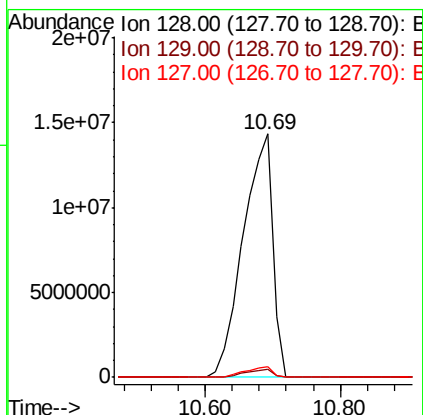
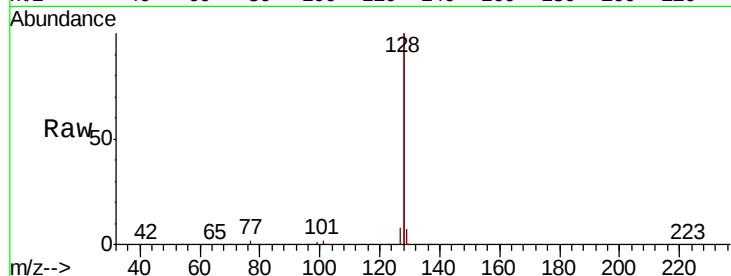




#9
Naphthalene
Concen: 1013.272 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.04 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

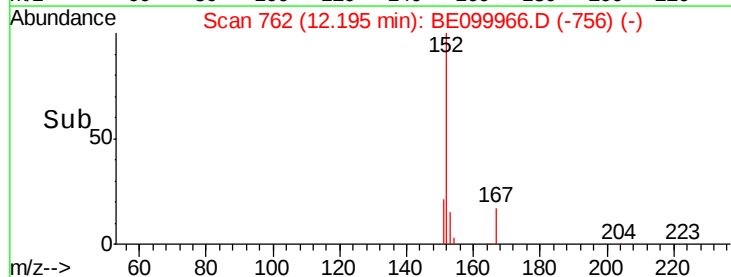
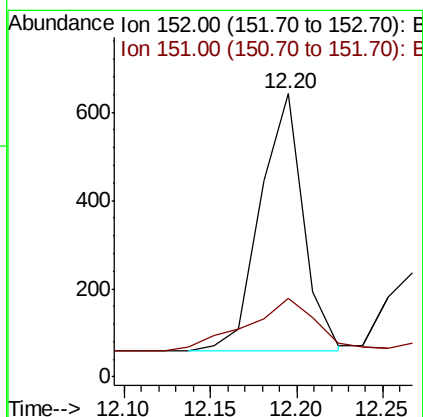
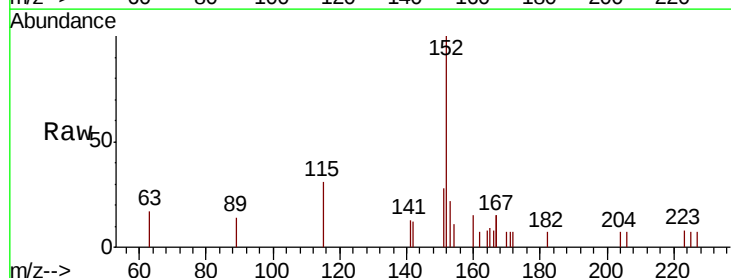
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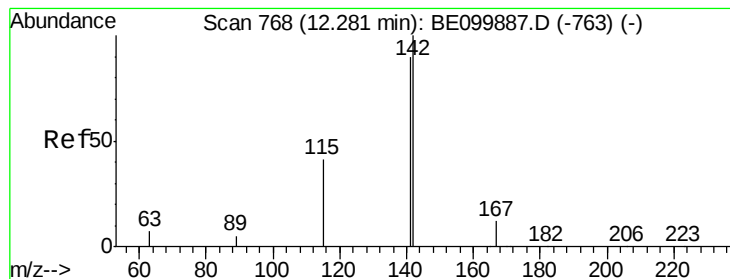
Tgt Ion:128 Resp:43248968
Ion Ratio Lower Upper
128 100
129 3.3 3.0 4.6
127 4.2 3.4 5.0



#11
2-Methylnaphthalene-d10
Concen: 0.147 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

Tgt Ion:152 Resp: 1011
Ion Ratio Lower Upper
152 100
151 29.2 15.2 22.8#





#12

2-Methylnaphthalene

Concen: 76.350 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

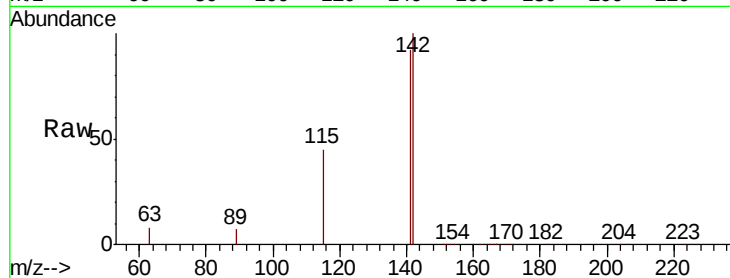
Tgt Ion:142 Resp: 529441

Ion Ratio Lower Upper

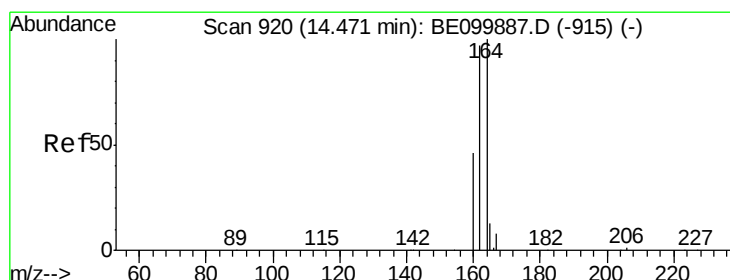
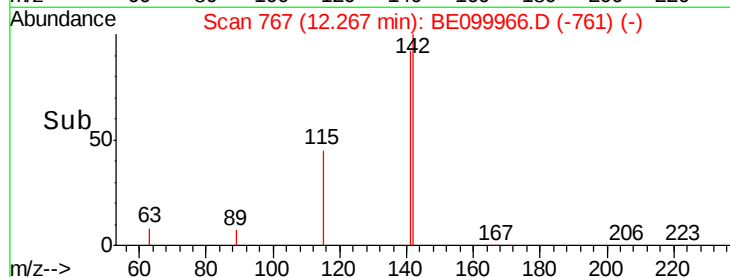
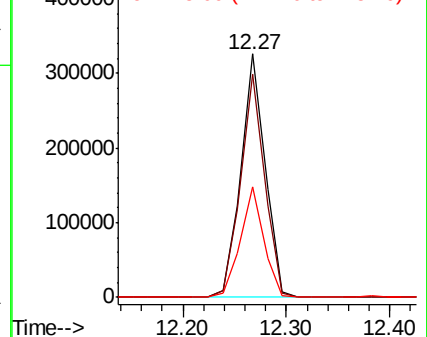
142 100

141 91.6 72.3 108.5

115 45.3 36.4 54.6



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: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

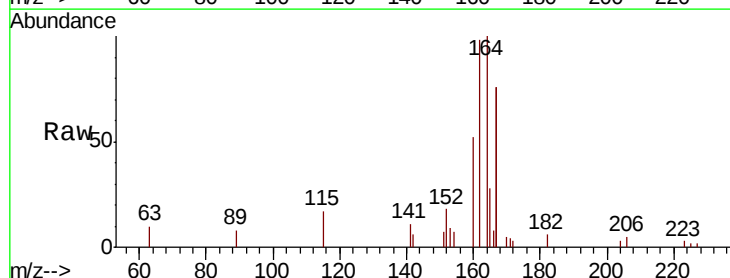
Tgt Ion:164 Resp: 3467

Ion Ratio Lower Upper

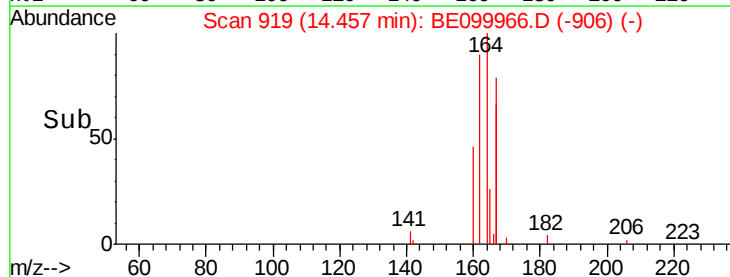
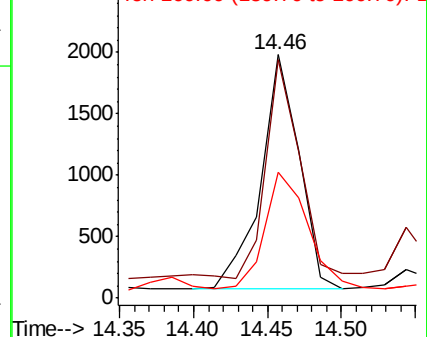
164 100

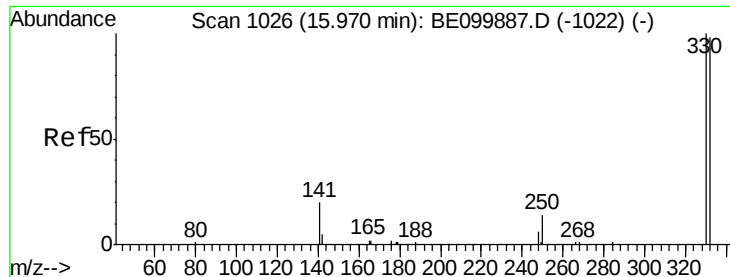
162 98.1 77.8 116.8

160 51.9 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

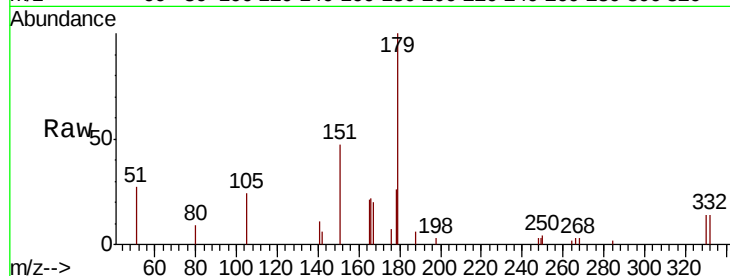




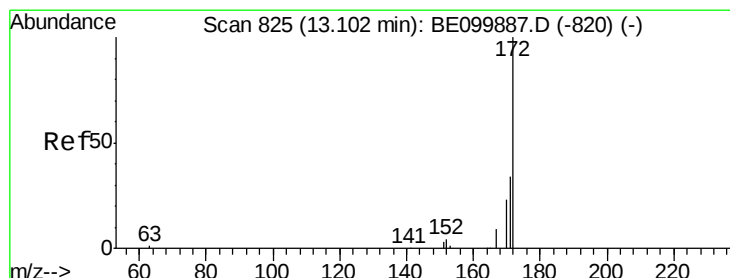
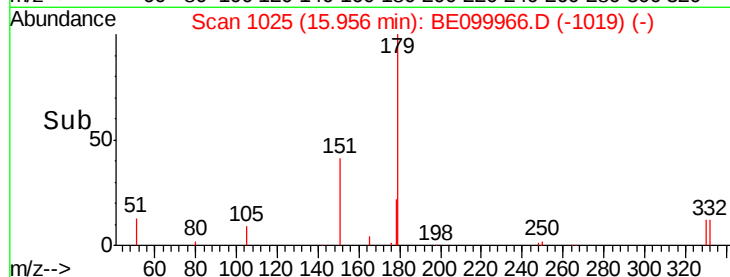
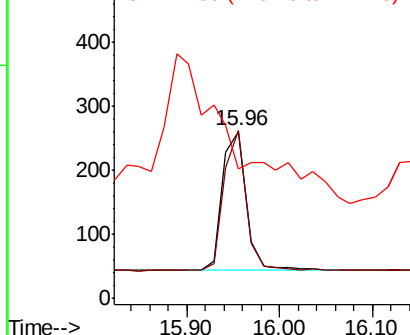
#14
 2,4,6-Tribromophenol
 Concen: 0.152 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099966.D
 Acq: 12 Jun 2019 21:03

Instrument :
 BNA_E
 ClientSampled :
 TW-01

Tgt Ion: 330 Resp: 390
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.7 115.1
 141 0.0 21.0 31.6#

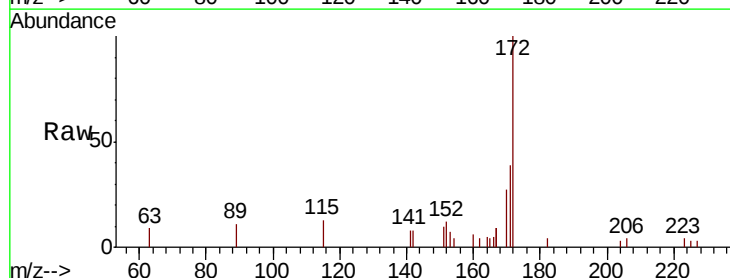


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

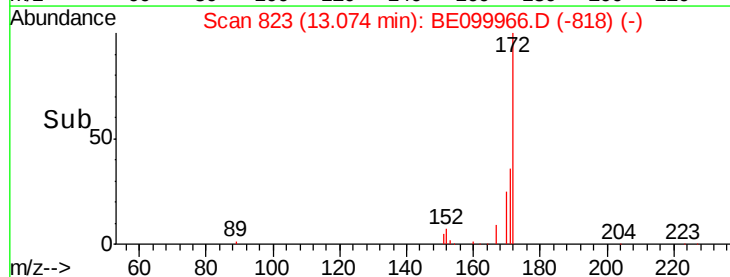
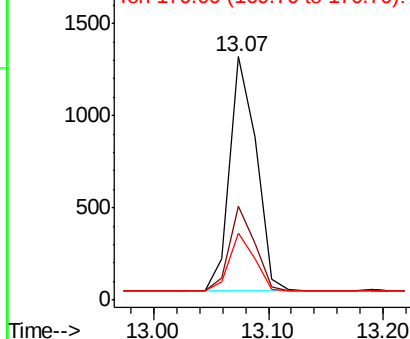


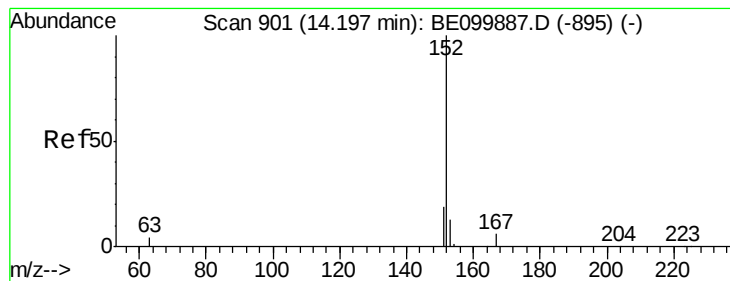
#15
 2-Fluorobiphenyl
 Concen: 0.156 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BE099966.D
 Acq: 12 Jun 2019 21:03

Tgt Ion: 172 Resp: 2052
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.2 43.8
 170 27.3 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: 14.168 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

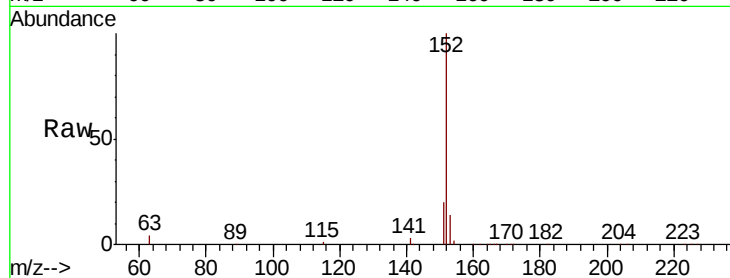
Tgt Ion:152 Resp: 244393

Ion Ratio Lower Upper

152 100

151 20.1 15.5 23.3

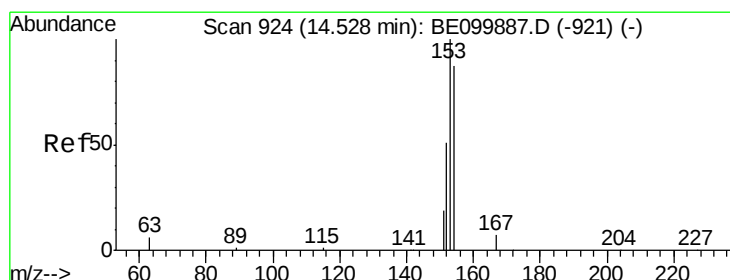
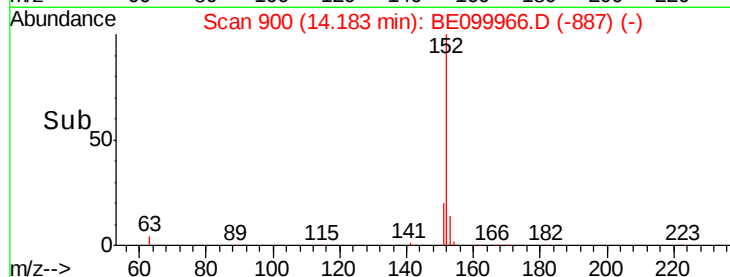
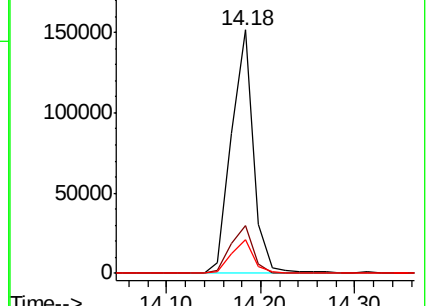
153 14.1 10.2 15.2



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: 30.414 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

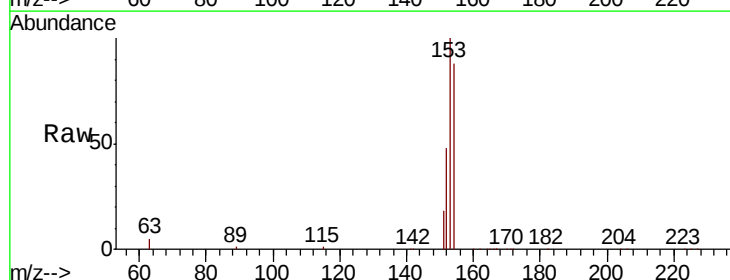
Tgt Ion:154 Resp: 285726

Ion Ratio Lower Upper

154 100

153 116.4 93.1 139.7

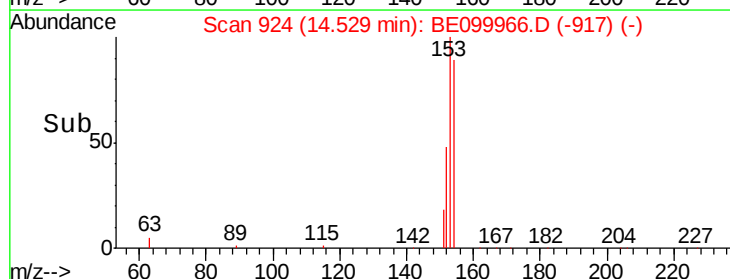
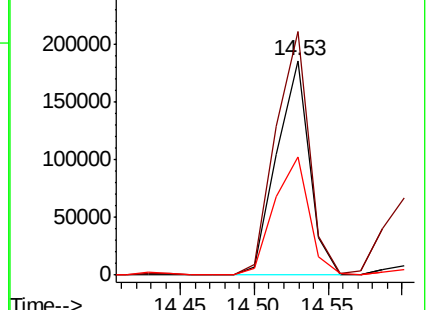
152 57.7 47.0 70.4

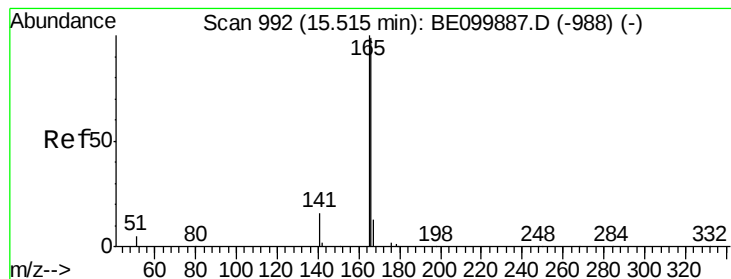


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 23.458 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

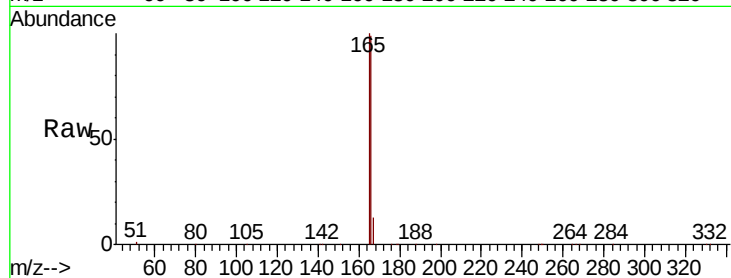
Tgt Ion:166 Resp: 330771

Ion Ratio Lower Upper

166 100

165 101.6 81.8 122.8

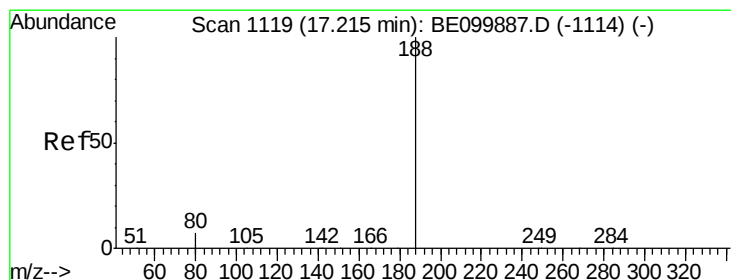
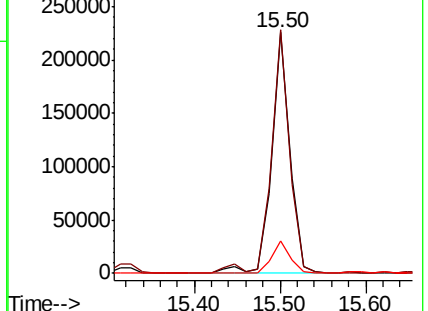
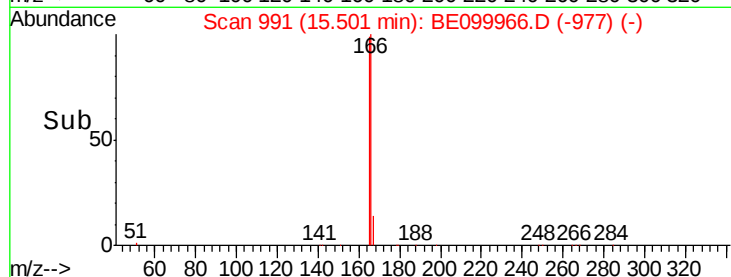
167 14.1 11.2 16.8



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

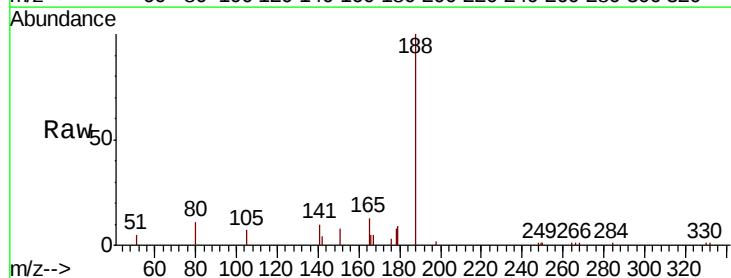
Tgt Ion:188 Resp: 8749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

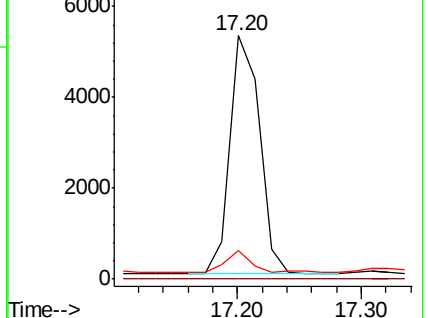
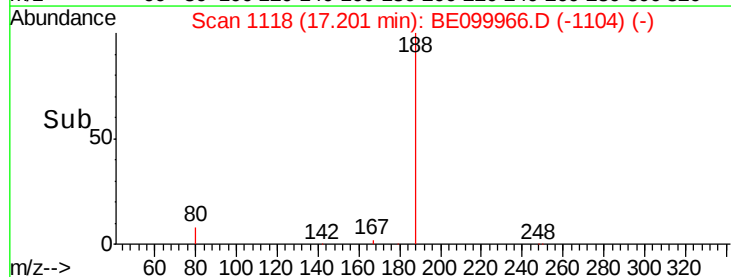
80 11.5 6.4 9.6#

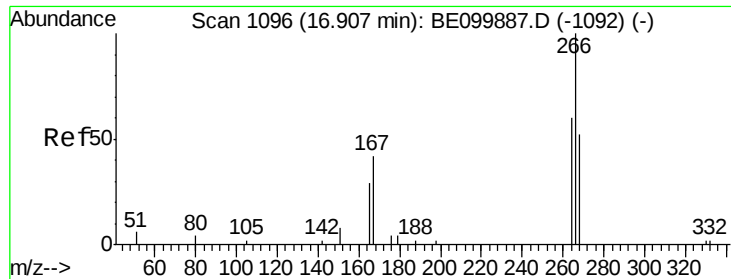


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.320 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

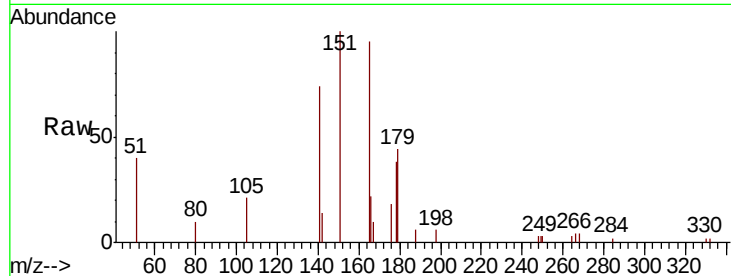
Instrument :

BNA_E

ClientSampleId :

TW-01

Tgt Ion:	266	Resp:	50
Ion	Ratio	Lower	Upper
266	100		
264	80.5	62.2	93.2
268	92.2	65.5	98.3

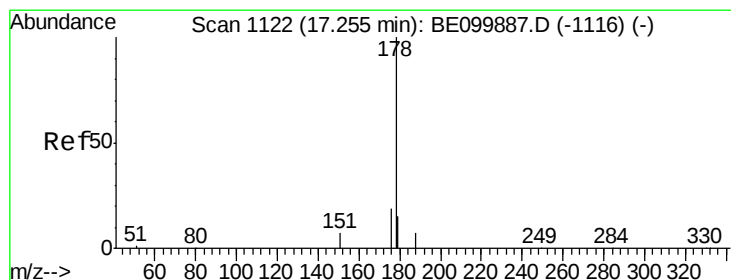
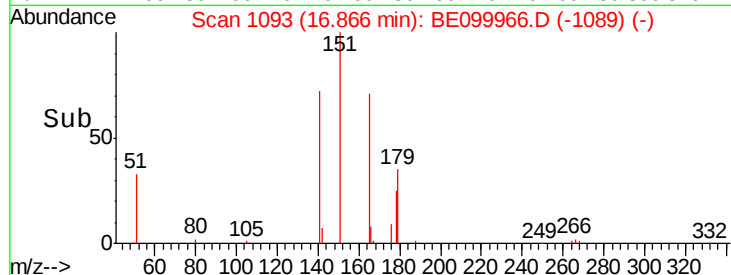
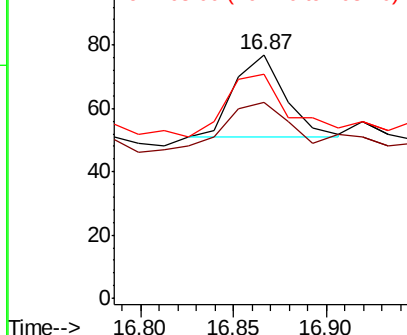


Abundance

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: 31.498 ng

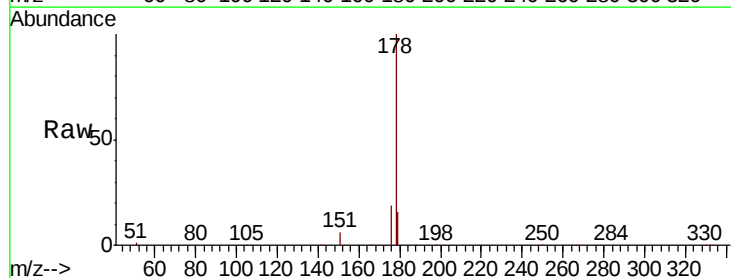
RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Tgt Ion:	178	Resp:	668691
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.4	12.4	18.6

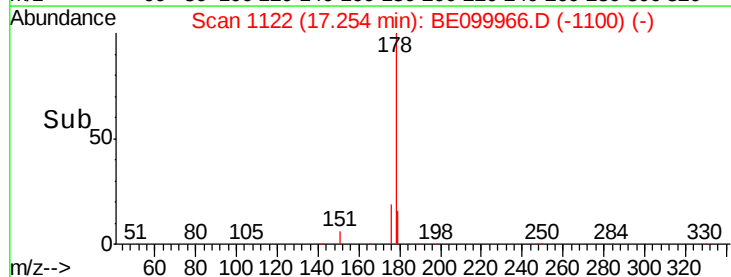
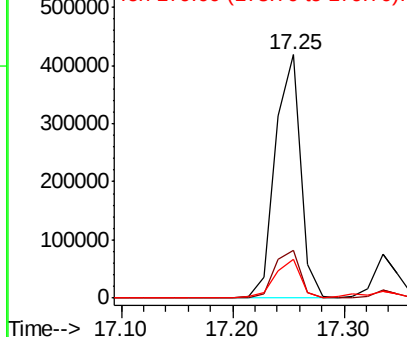


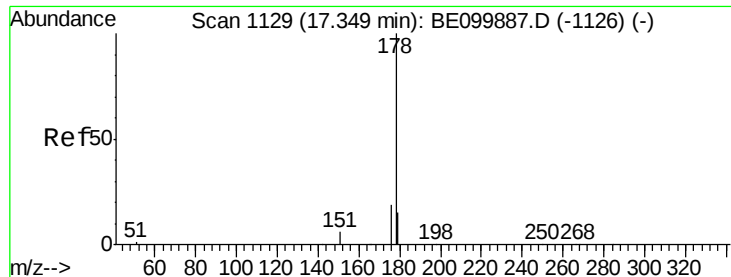
Abundance

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: 5.917 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

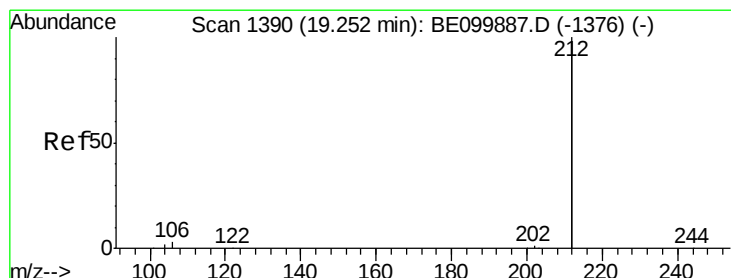
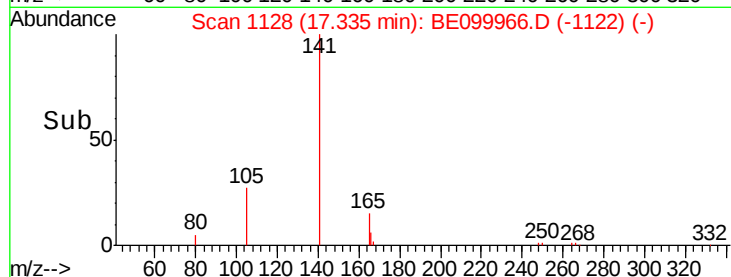
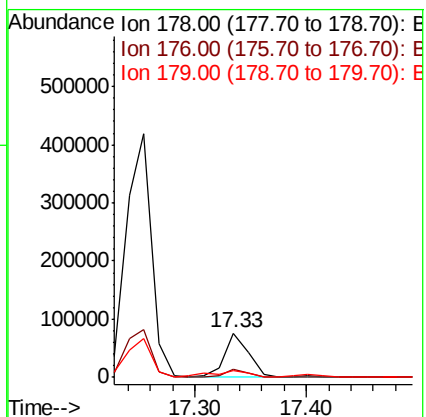
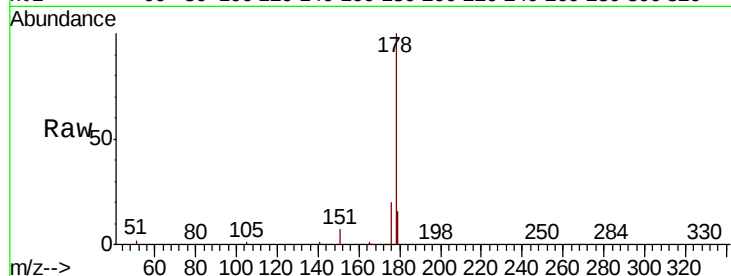
Tgt Ion:178 Resp: 115163

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 20.5 12.3 18.5#



#25

Fluoranthene-d10

Concen: 0.130 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

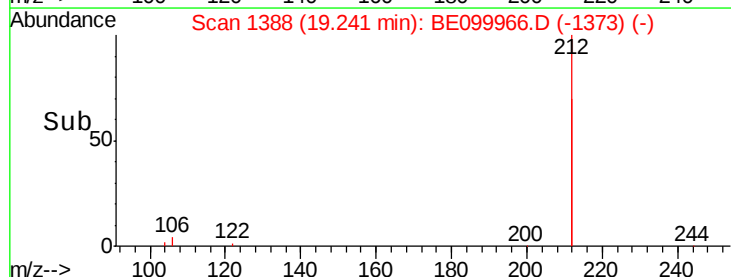
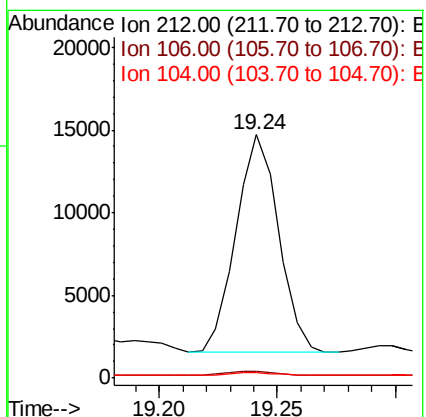
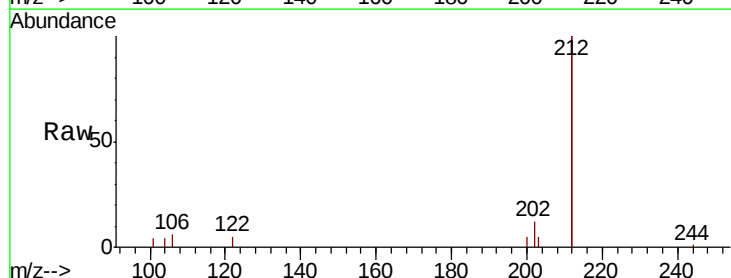
Tgt Ion:212 Resp: 16548

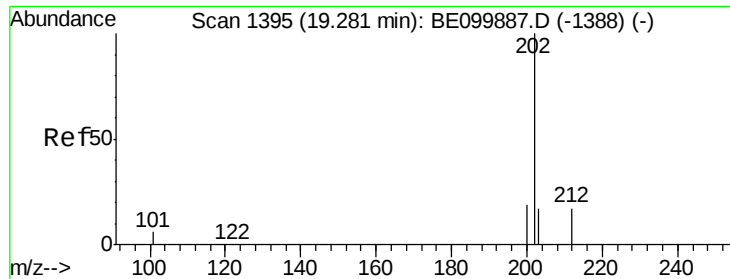
Ion Ratio Lower Upper

212 100

106 2.6 1.4 2.2#

104 2.0 0.9 1.3#

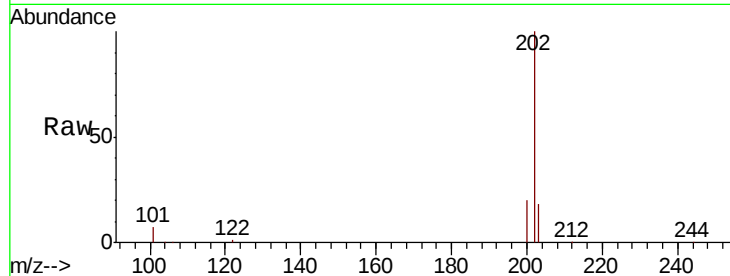




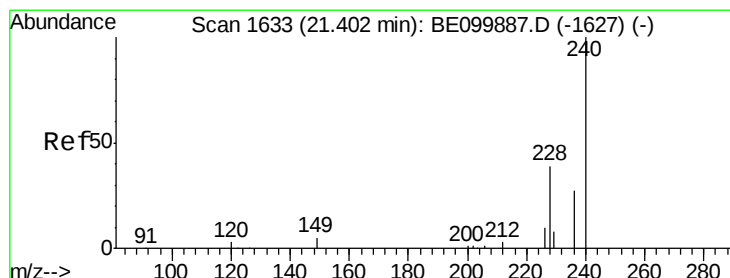
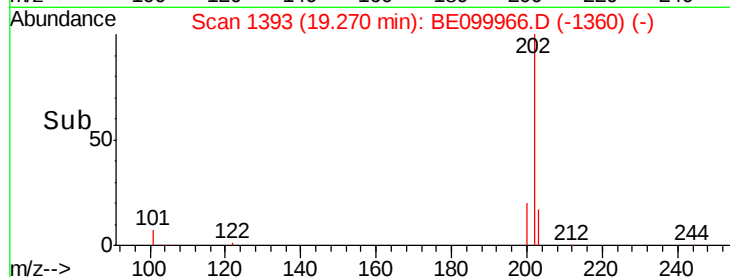
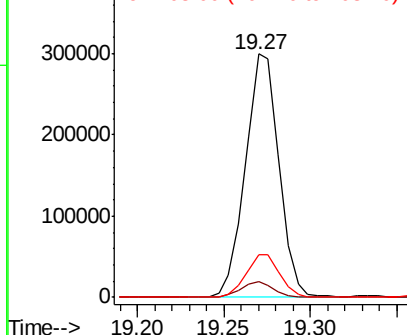
#26
Fluoranthene
Concen: 11.201 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

Instrument :
BNA_E
ClientSampleId :
TW-01

Tgt Ion: 202 Resp: 404173
Ion Ratio Lower Upper
202 100
101 6.3 5.4 8.0
203 17.6 13.2 19.8

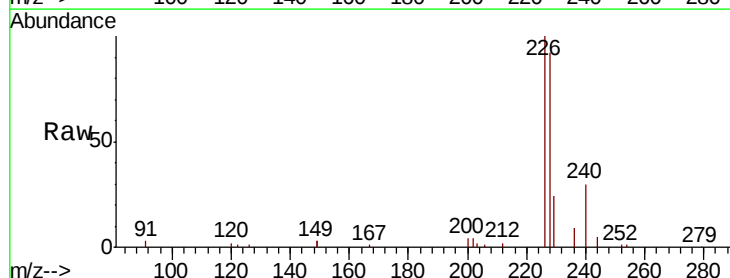


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

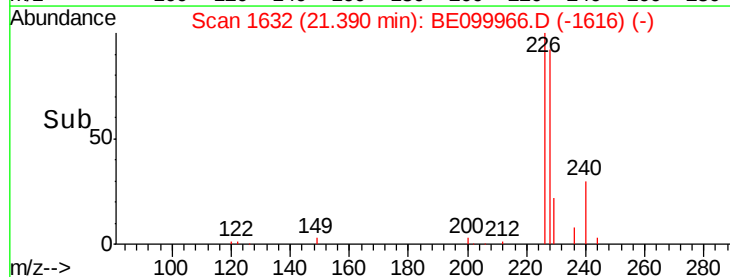
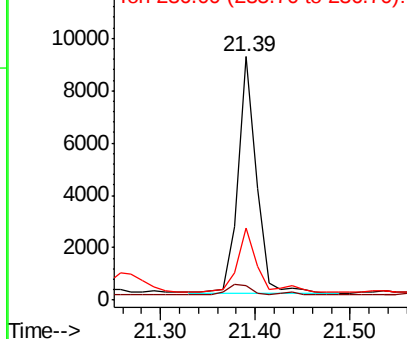


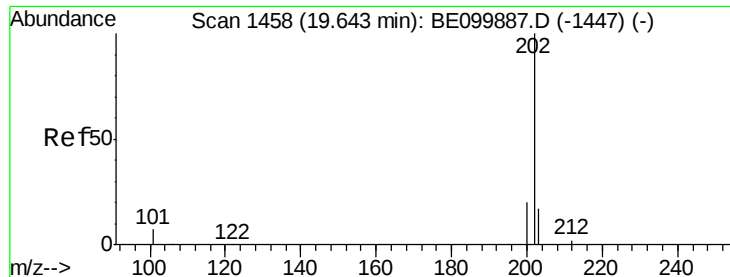
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

Tgt Ion: 240 Resp: 12167
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 29.8 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: 10.925 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

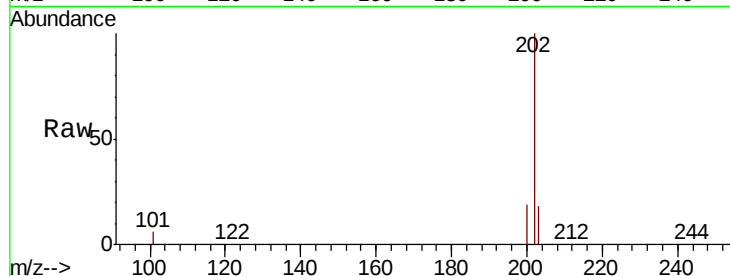
Tgt Ion:202 Resp: 349236

Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

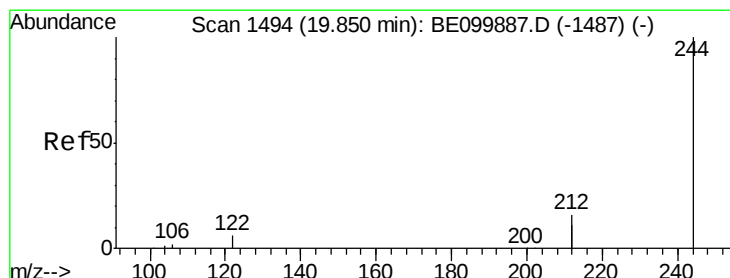
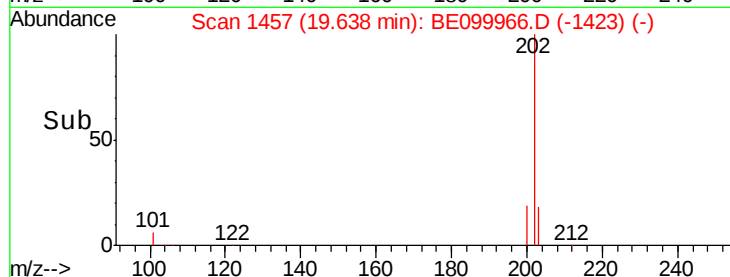
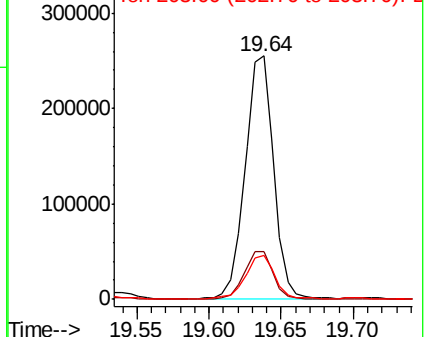
203 18.8 14.0 21.0



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: 0.374 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

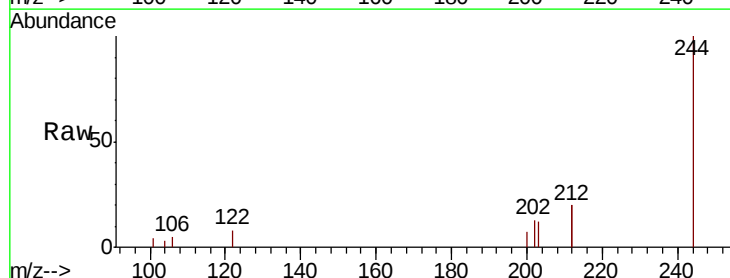
Tgt Ion:244 Resp: 8186

Ion Ratio Lower Upper

244 100

212 39.3 25.7 38.5#

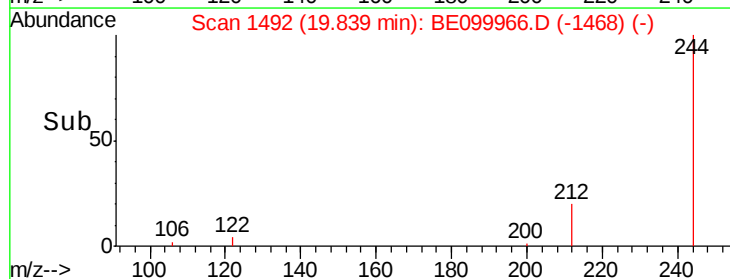
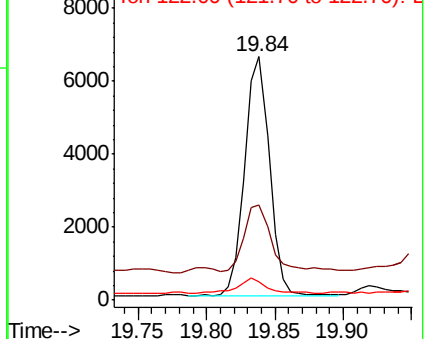
122 7.6 5.5 8.3

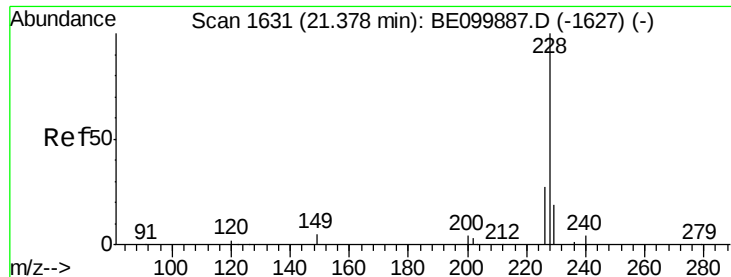


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

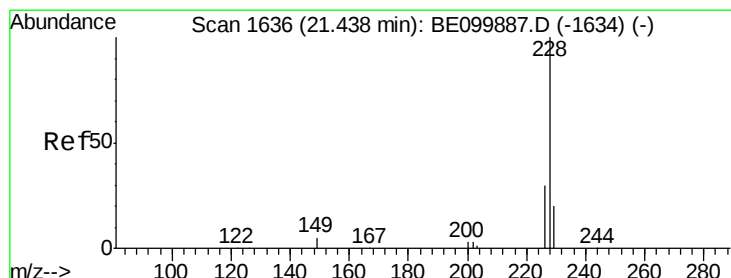
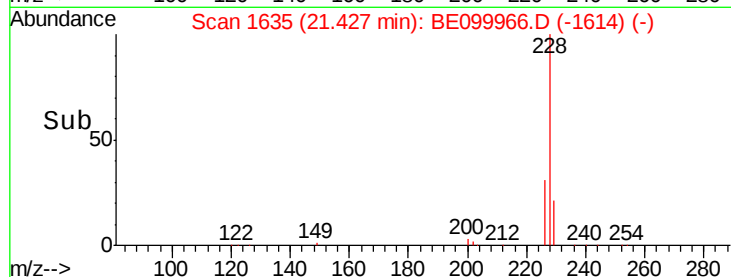
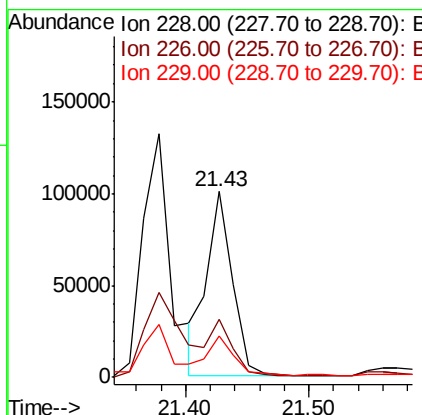
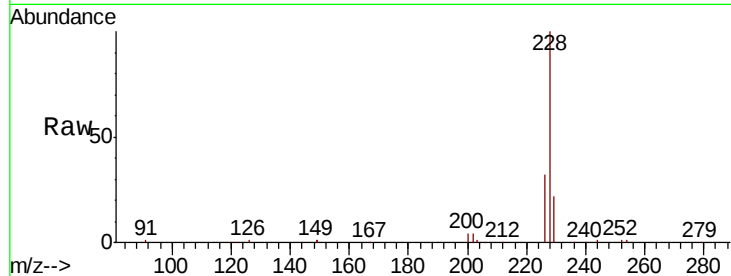




#30
Benzo(a)anthracene
Concen: 4.037 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.05 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

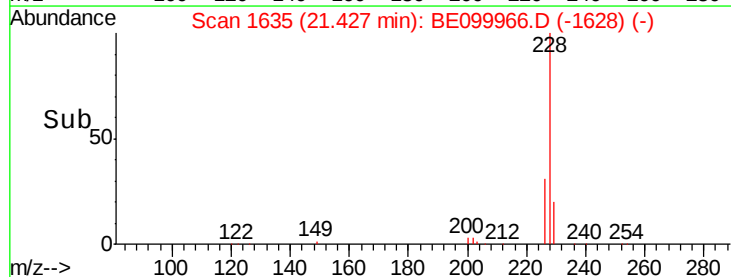
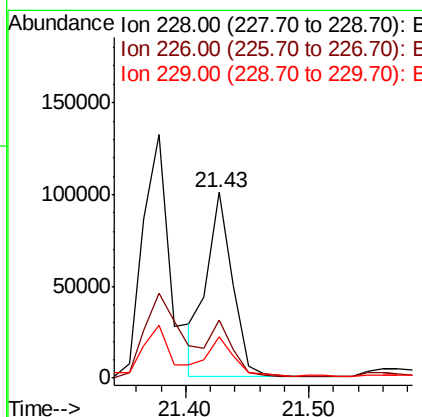
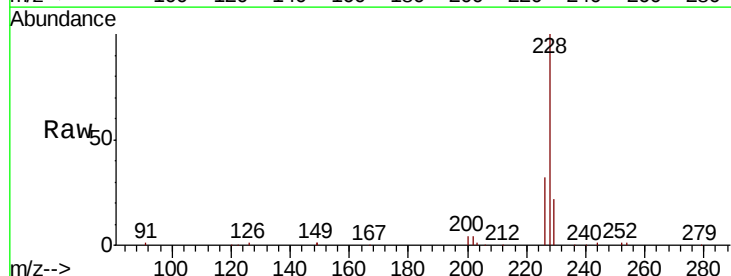
Instrument :
BNA_E
ClientSampleId :
TW-01

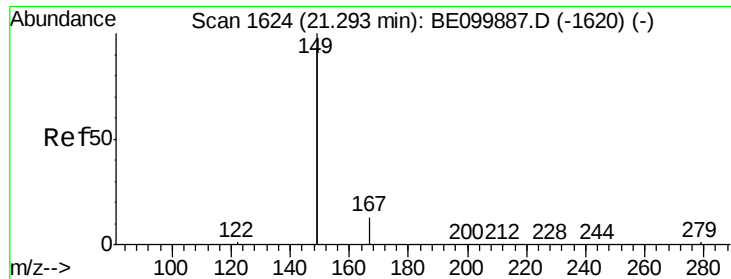
Tgt Ion:228 Resp: 146786
Ion Ratio Lower Upper
228 100
226 31.6 22.5 33.7
229 22.2 15.9 23.9



#31
Chrysene
Concen: 3.886 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

Tgt Ion:228 Resp: 146104
Ion Ratio Lower Upper
228 100
226 31.6 24.1 36.1
229 22.2 16.1 24.1

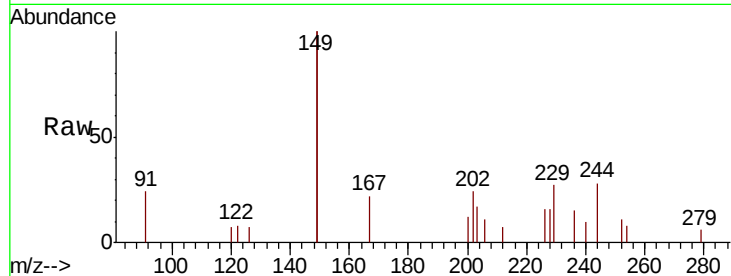




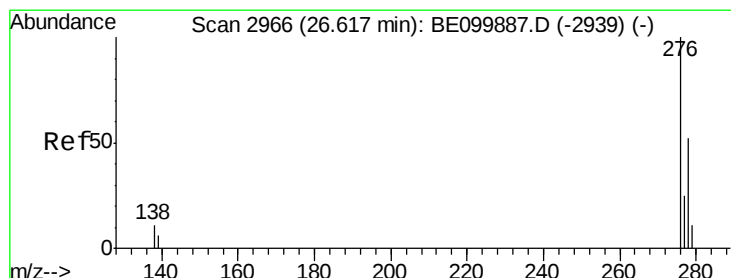
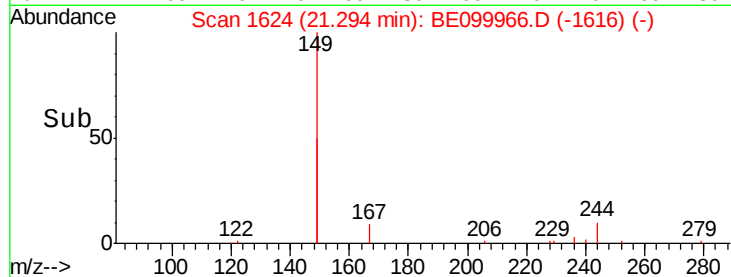
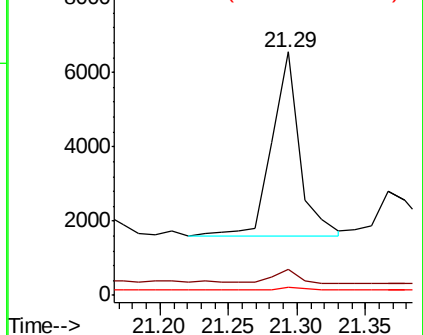
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.135 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099966.D
 Acq: 12 Jun 2019 21:03

Instrument :
 BNA_E
 ClientSampleId :
 TW-01

Tgt Ion:149 Resp: 7030
 Ion Ratio Lower Upper
 149 100
 167 7.7 5.9 8.9
 279 1.6 1.2 1.8

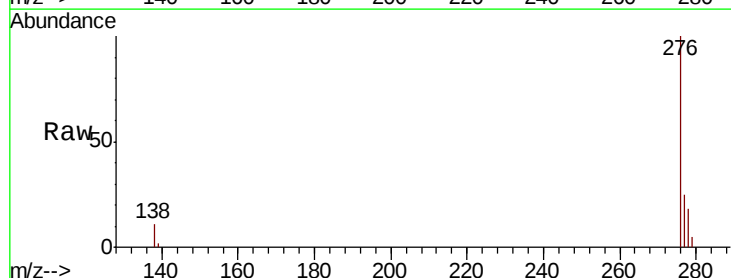


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

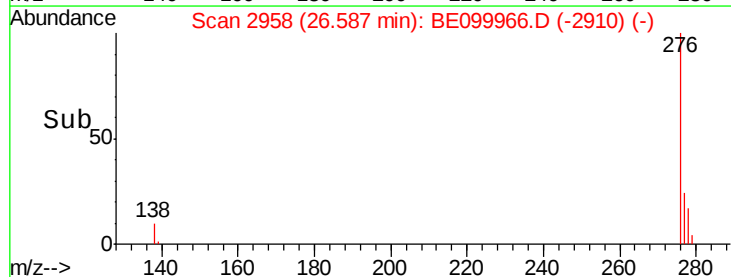
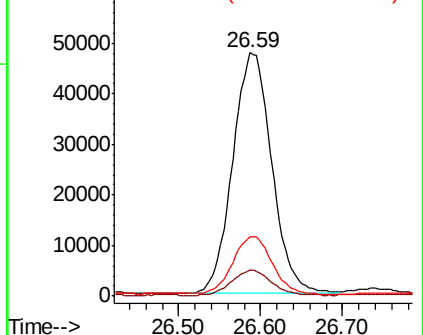


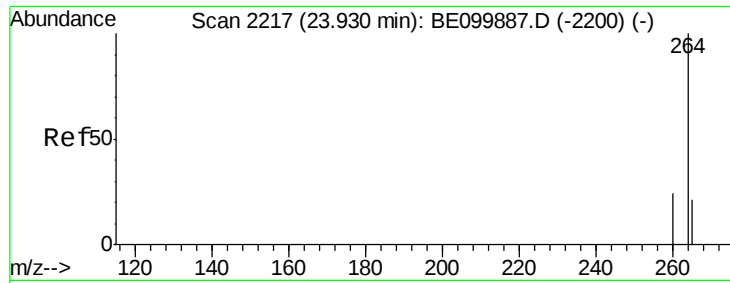
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.533 ng
 RT: 26.59 min Scan# 2958
 Delta R.T. -0.03 min
 Lab File: BE099966.D
 Acq: 12 Jun 2019 21:03

Tgt Ion:276 Resp: 157510
 Ion Ratio Lower Upper
 276 100
 138 10.3 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

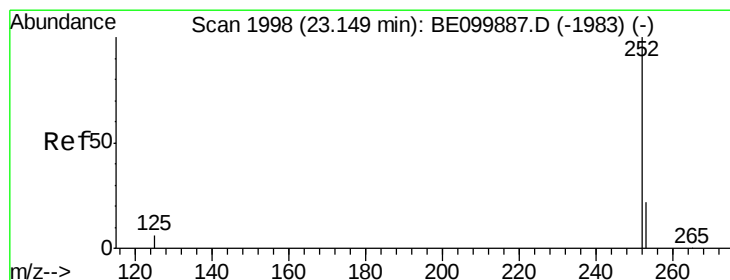
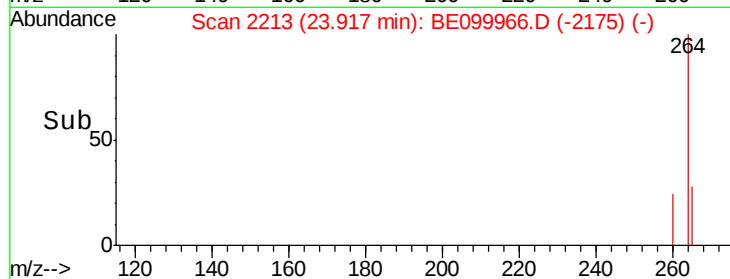
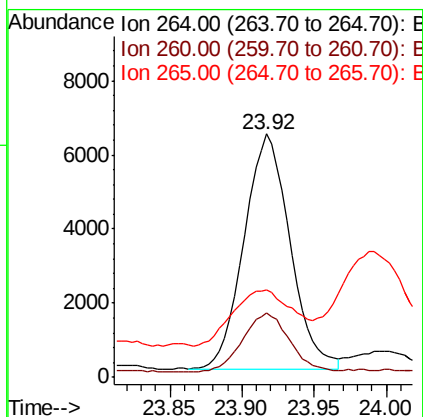
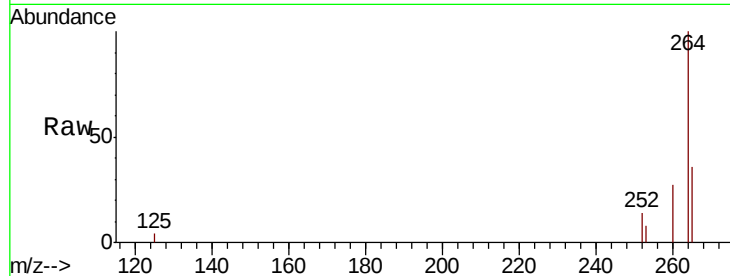




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

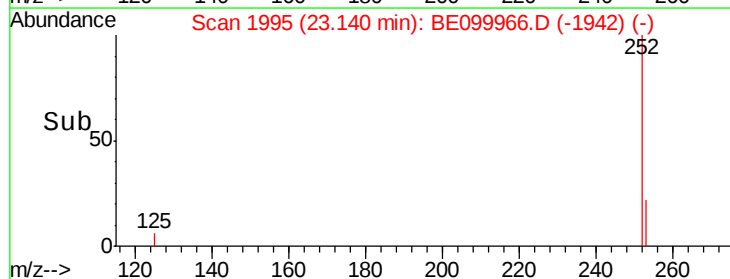
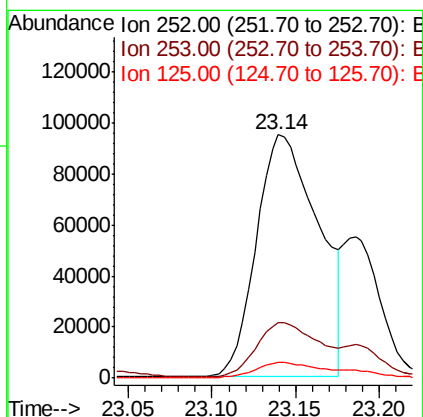
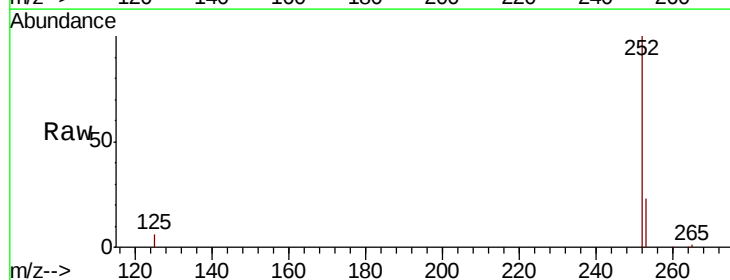
Instrument :
BNA_E
ClientSampleId :
TW-01

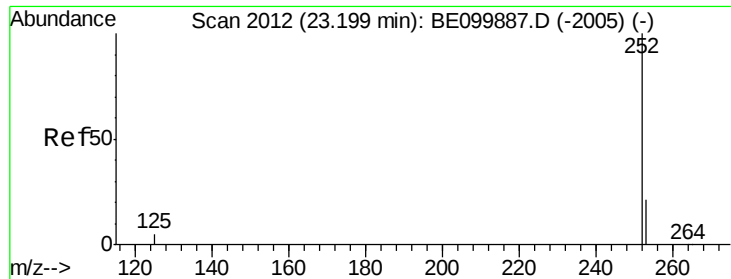
Tgt Ion: 264 Resp: 13824
Ion Ratio Lower Upper
264 100
260 26.6 20.2 30.2
265 35.7 22.0 33.0#



#35
Benzo(b)fluoranthene
Concen: 6.346 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099966.D
Acq: 12 Jun 2019 21:03

Tgt Ion: 252 Resp: 245849
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 6.3 5.7 8.5





#36

Benzo(k)fluoranthene

Concen: 6.067 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.06 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

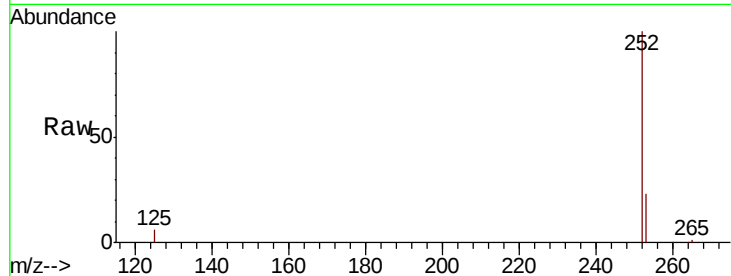
Tgt Ion:252 Resp: 245849

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

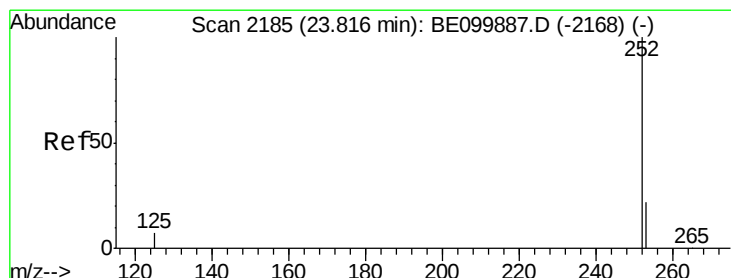
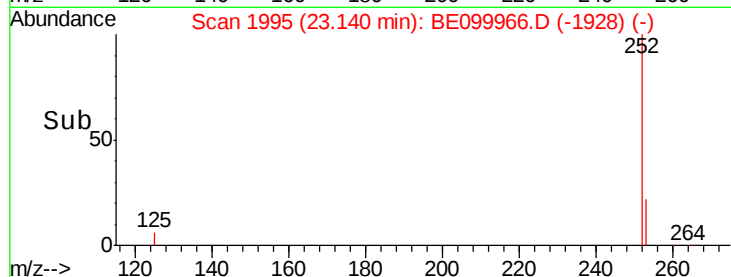
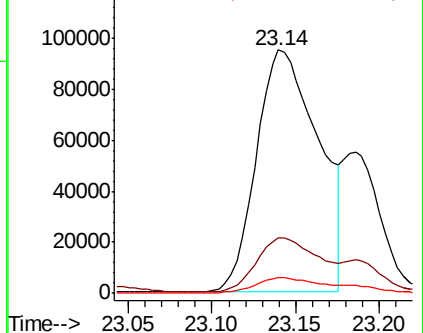
125 6.3 5.4 8.0



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: 3.305 ng

RT: 23.69 min Scan# 2150

Delta R.T. -0.12 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

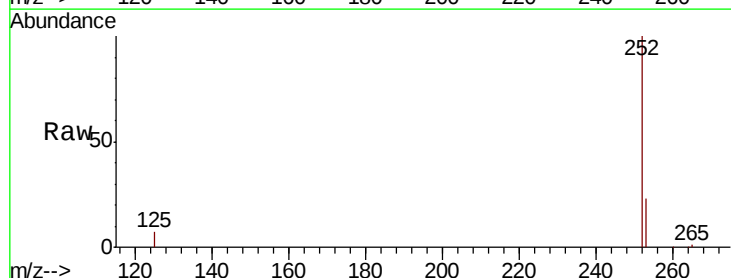
Tgt Ion:252 Resp: 126124

Ion Ratio Lower Upper

252 100

253 22.7 19.6 29.4

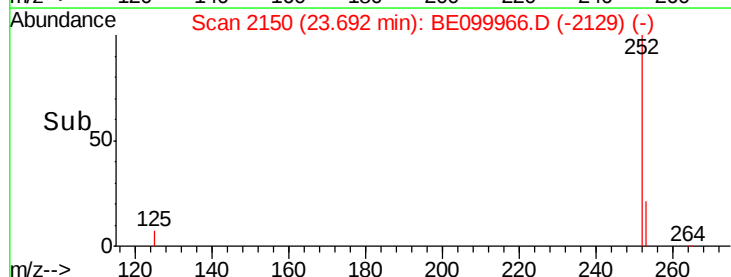
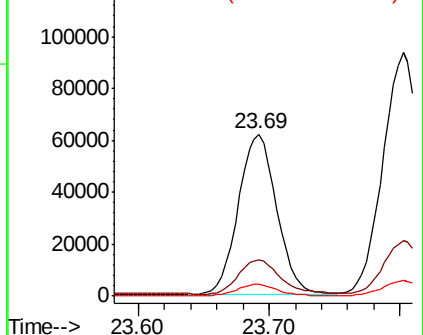
125 7.4 6.6 10.0

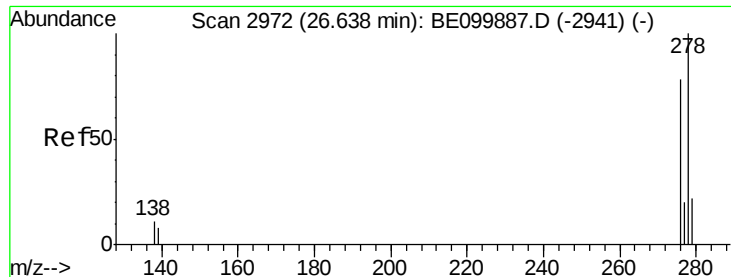


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.990 ng

RT: 26.60 min Scan# 2962

Delta R.T. -0.04 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

Instrument :

BNA_E

ClientSampleId :

TW-01

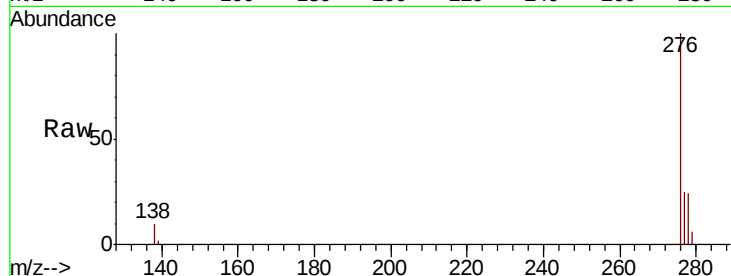
Tgt Ion:278 Resp: 38038

Ion Ratio Lower Upper

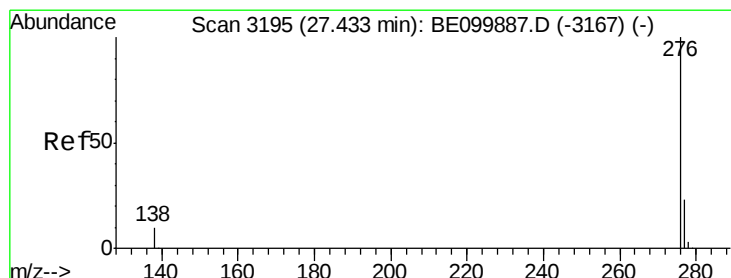
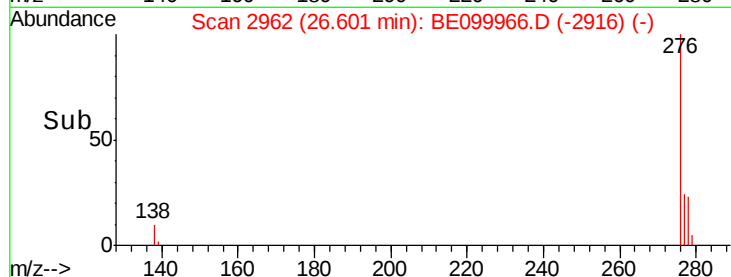
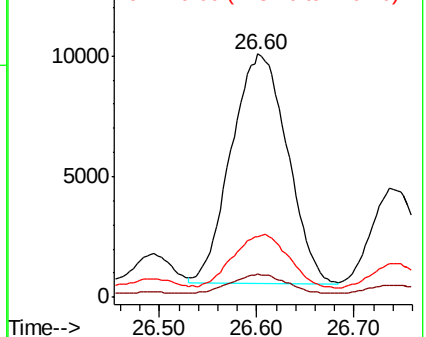
278 100

139 9.4 7.8 11.8

279 25.0 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: 4.592 ng

RT: 27.42 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BE099966.D

Acq: 12 Jun 2019 21:03

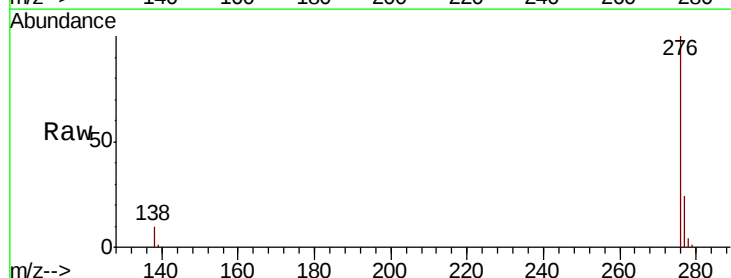
Tgt Ion:276 Resp: 182331

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 10.4 9.5 14.3



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

