

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
 Data File : BE100091.D
 Acq On : 19 Jun 2019 20:29
 Operator : JU/SJ
 Sample : K3309-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MSD

Quant Time: Jun 20 03:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	820	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2841	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	2197	0.40	ng	0.00
19) Phenanthrene-d10	17.15	188	6873	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10508	0.40	ng	0.00
34) Perylene-d12	23.84	264	12019	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	334	0.20	ng	0.00
5) Phenol-d6	6.90	99	267	0.11	ng	-0.02
8) Nitrobenzene-d5	8.89	82	1197	0.43	ng	-0.03
11) 2-Methylnaphthalene-d10	12.14	152	2636	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	608	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3988	0.46	ng	-0.01
25) Fluoranthene-d10	19.19	212	32533	0.33	ng	0.00
29) Terphenyl-d14	19.79	244	9506	0.45	ng	-0.01

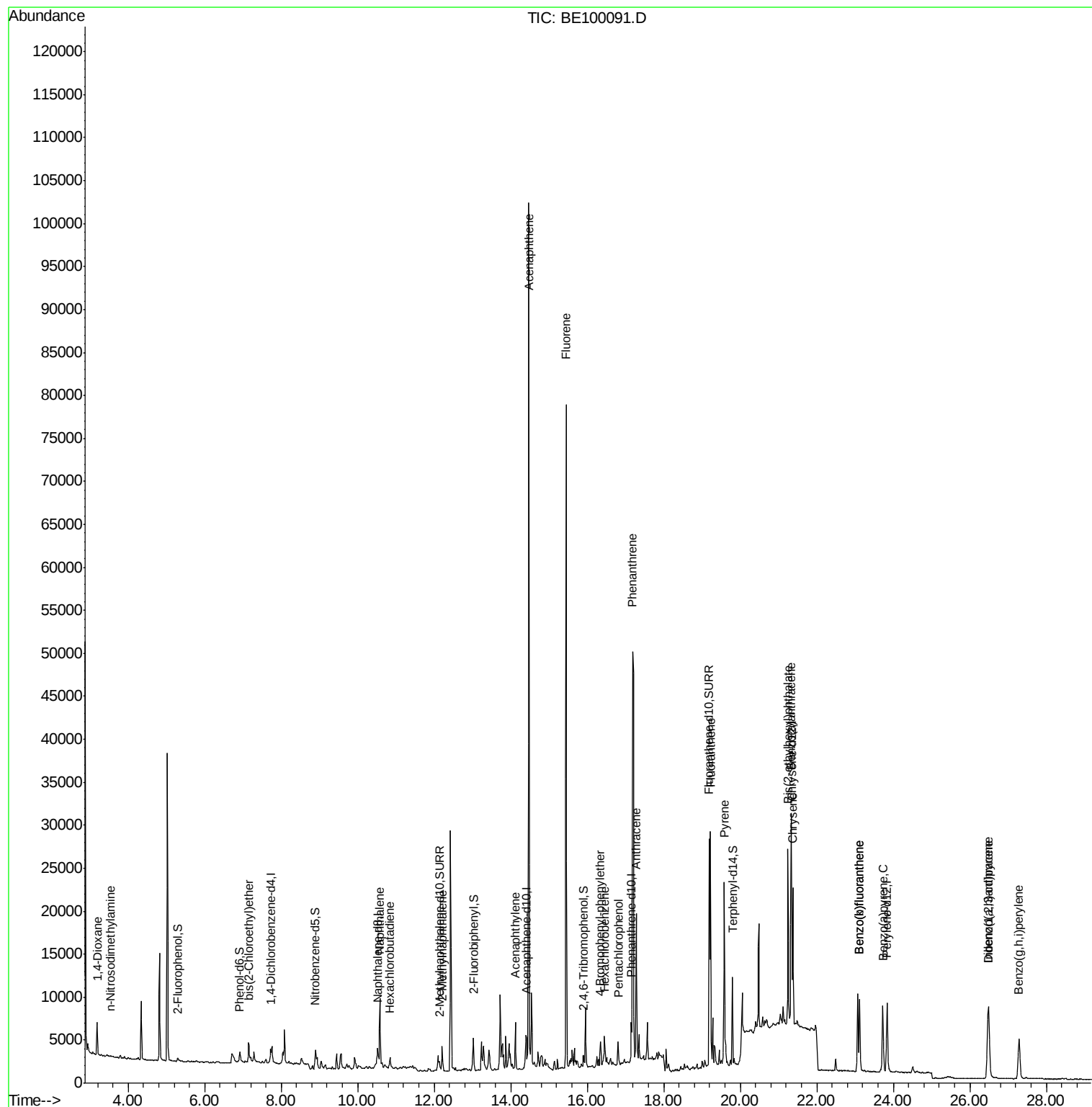
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	3089	2.348	ng	93
3) n-Nitrosodimethylamine	3.53	42	44	0.392	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	1377	0.605	ng	89
9) Naphthalene	10.58	128	13516	0.438	ng	99
10) Hexachlorobutadiene	10.85	225	906	0.299	ng	97
12) 2-Methylnaphthalene	12.21	142	1955	0.385	ng	97
16) Acenaphthylene	14.13	152	4041	0.387	ng	# 93
17) Acenaphthene	14.47	154	46456	7.966	ng	94
18) Fluorene	15.45	166	51242	5.900	ng	100
20) 4-Bromophenyl-phenylether	16.35	248	1496	0.366	ng	96
21) Hexachlorobenzene	16.45	284	1443	0.320	ng	100
22) Pentachlorophenol	16.81	266	1670	1.382	ng	# 78
23) Phenanthrene	17.19	178	59456	3.611	ng	99
24) Anthracene	17.28	178	18280	1.316	ng	# 95
26) Fluoranthene	19.22	202	25443	0.963	ng	99
28) Pyrene	19.59	202	19568	0.725	ng	96
30) Benzo(a)anthracene	21.33	228	13743	0.440	ng	97
31) Chrysene	21.38	228	12839	0.353	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	23459	0.795	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	14165	0.347	ng	# 96
35) Benzo(b)fluoranthene	23.12	252	12553	0.356	ng	96
36) Benzo(k)fluoranthene	23.12	252	12553	0.313	ng	96
37) Benzo(a)pyrene	23.72	252	12098	0.355	ng	# 93
38) Dibenzo(a,h)anthracene	26.50	278	11544	0.331	ng	100
39) Benzo(g,h,i)perylene	27.29	276	11987	0.331	ng	98

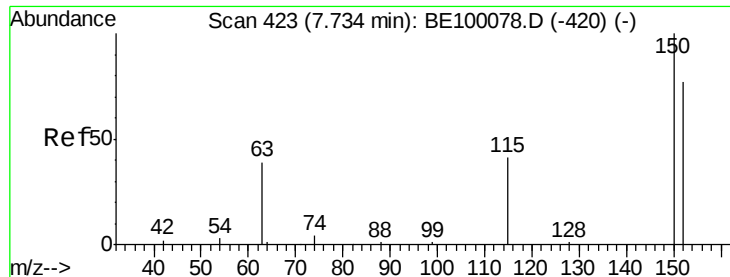
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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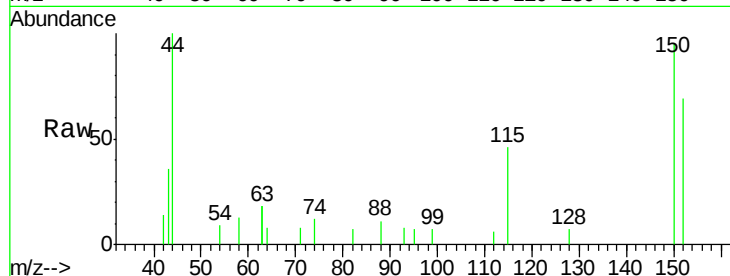


#1

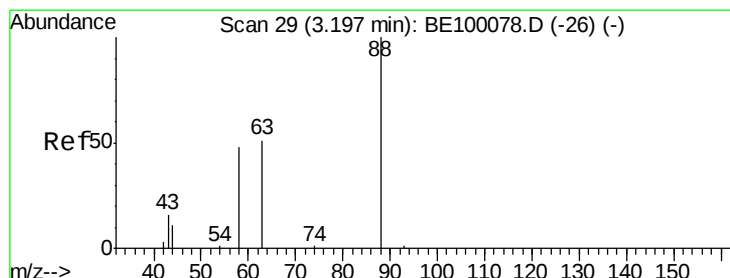
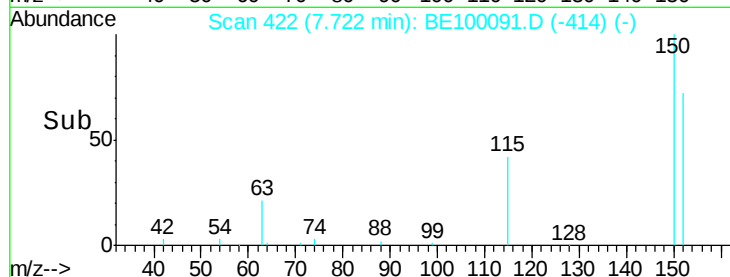
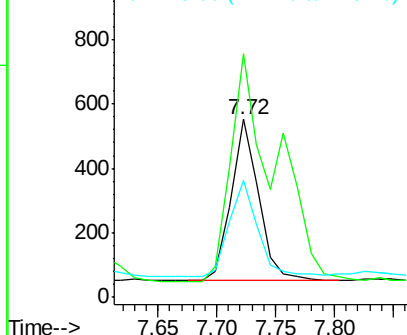
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion: 152 Resp: 820
Ion Ratio Lower Upper
152 100
150 137.0 99.8 149.8
115 65.9 51.3 76.9



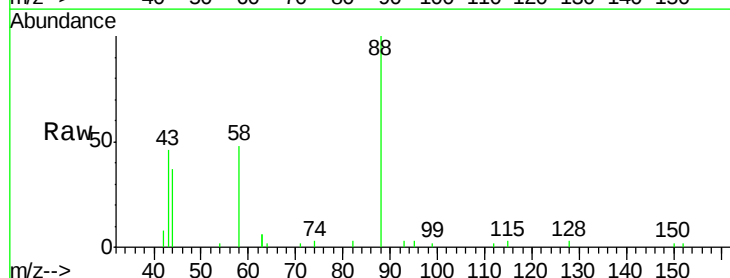
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



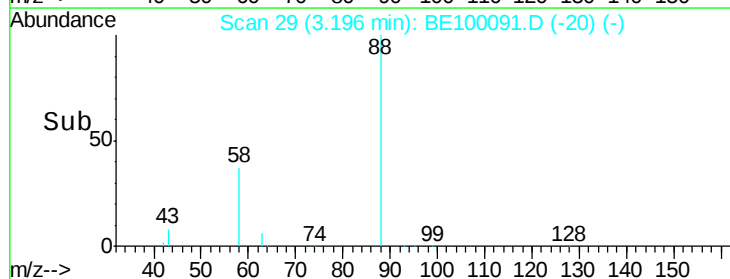
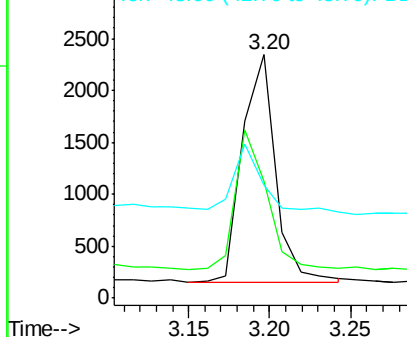
#2

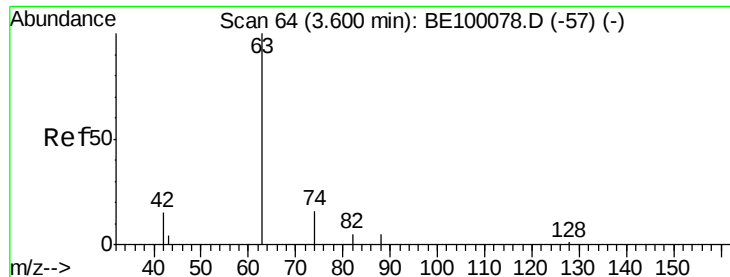
1,4-Dioxane
Concen: 2.348 ng
RT: 3.20 min Scan# 29
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion: 88 Resp: 3089
Ion Ratio Lower Upper
88 100
58 57.9 51.1 76.7
43 24.9 21.7 32.5



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.392 ng

RT: 3.53 min Scan# 58

Delta R.T. -0.07 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

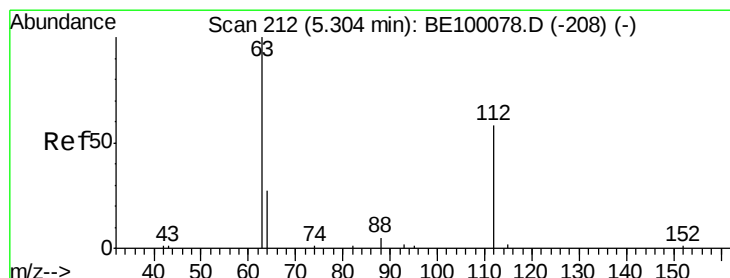
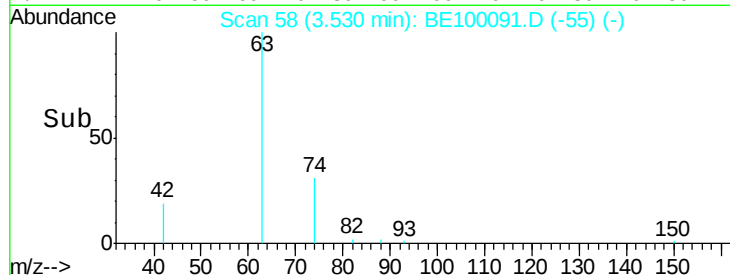
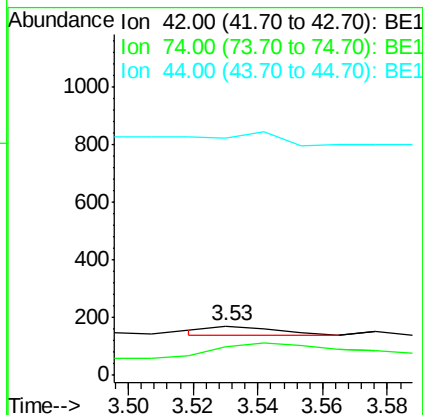
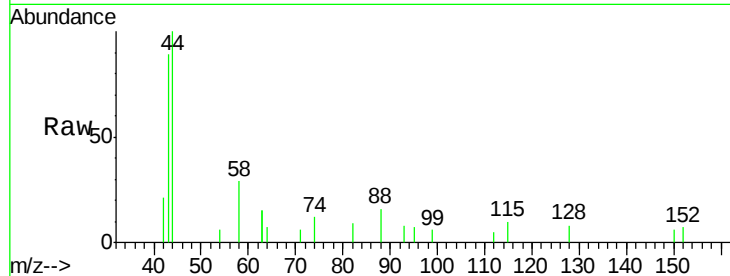
Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

Tgt Ion:	42	Resp:	44
Ion	Ratio	Lower	Upper
42	100		
74	315.9	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.196 ng

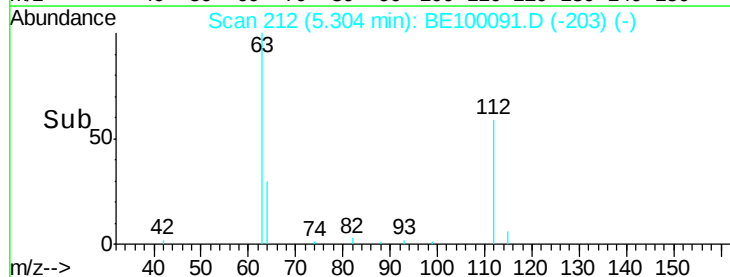
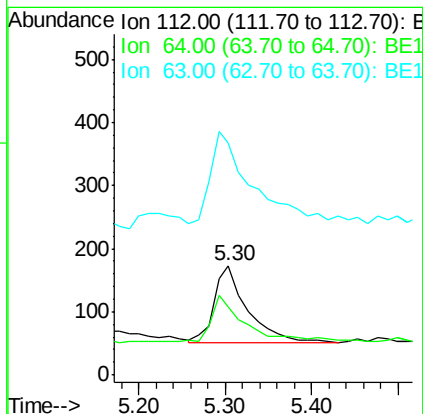
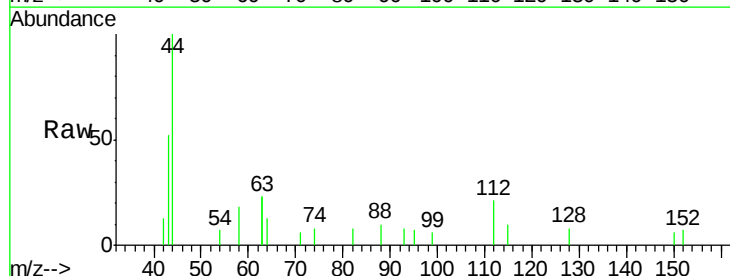
RT: 5.30 min Scan# 212

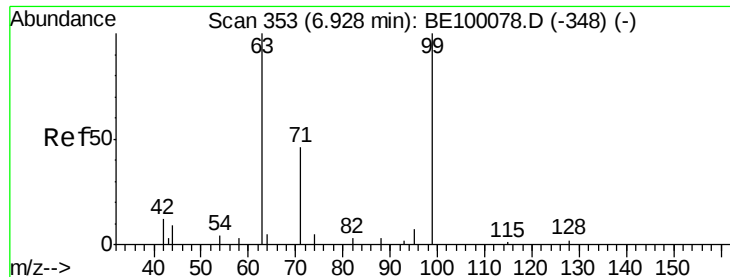
Delta R.T. -0.00 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Tgt Ion:	112	Resp:	334
Ion	Ratio	Lower	Upper
112	100		
64	63.5	22.0	33.0#
63	151.8	121.8	182.6





#5

Phenol-d6

Concen: 0.114 ng

RT: 6.90 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

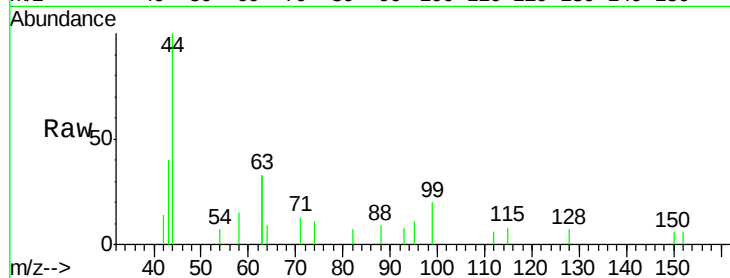
Tgt Ion: 99 Resp: 267

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

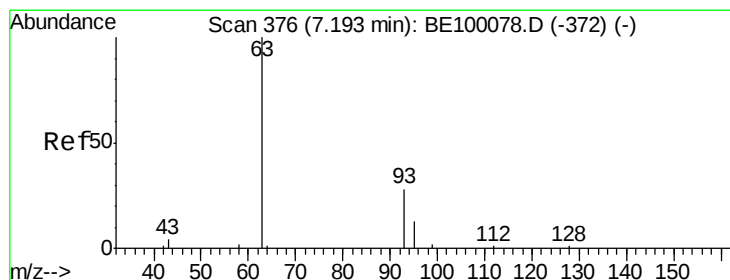
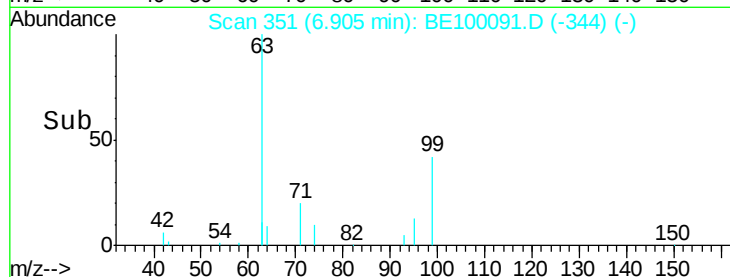
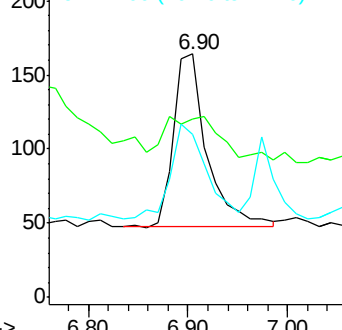
71 59.2 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.605 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

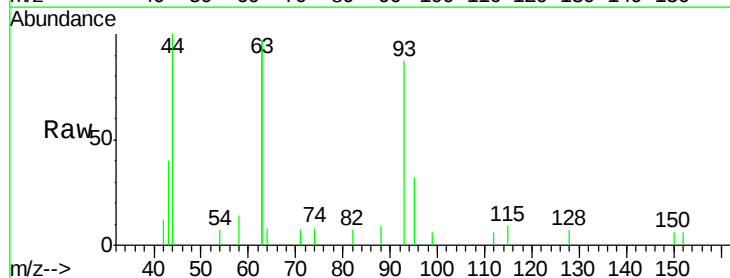
Tgt Ion: 93 Resp: 1377

Ion Ratio Lower Upper

93 100

63 229.6 200.0 300.0

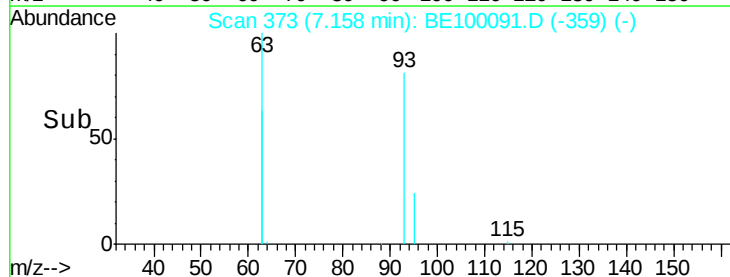
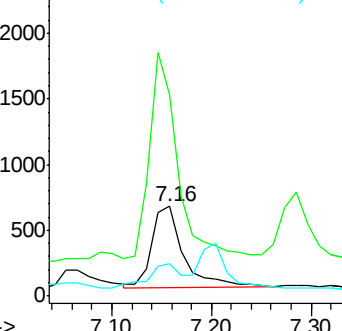
95 29.6 24.0 36.0

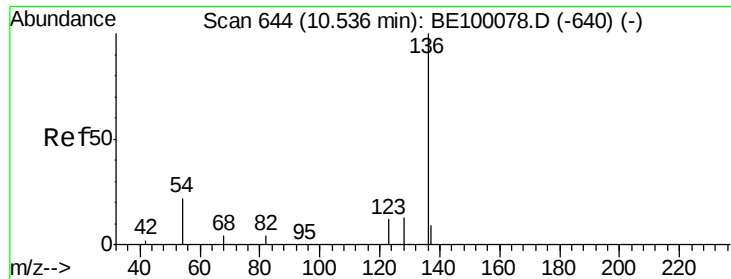


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

Tgt Ion: 136 Resp: 2841

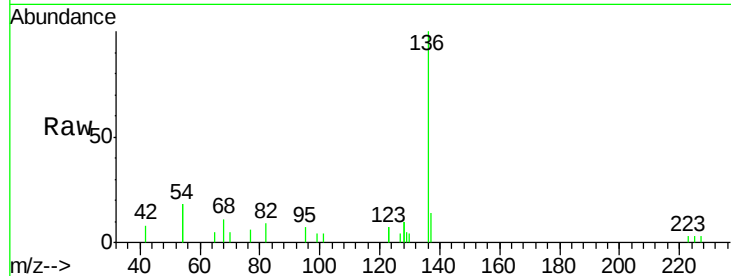
Ion Ratio Lower Upper

136 100

137 13.7 11.6 17.4

54 35.8 33.9 50.9

68 10.8 7.8 11.8

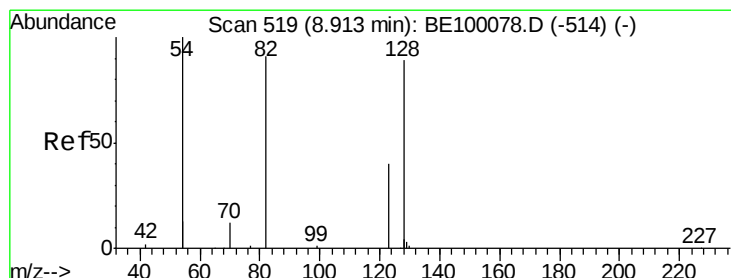
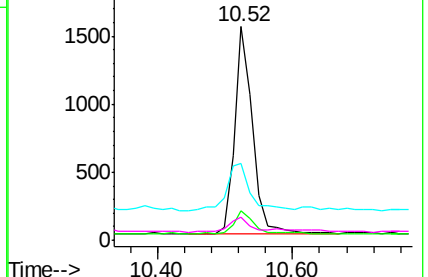
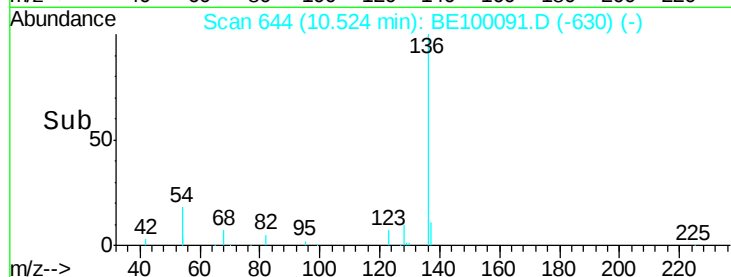


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.434 ng

RT: 8.89 min Scan# 518

Delta R.T. -0.03 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

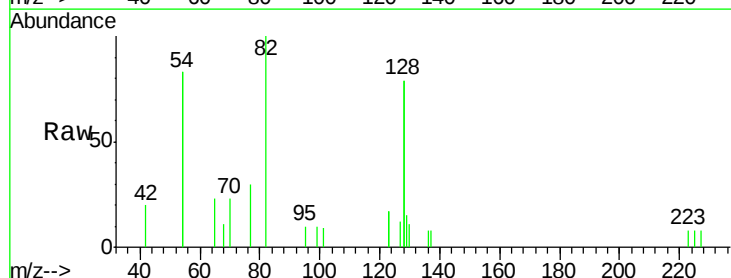
Tgt Ion: 82 Resp: 1197

Ion Ratio Lower Upper

82 100

128 158.1 128.0 192.0

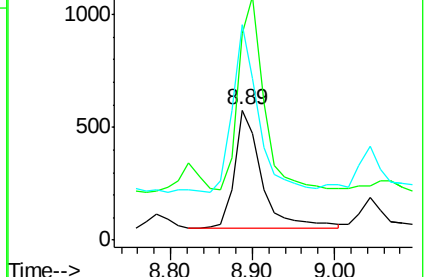
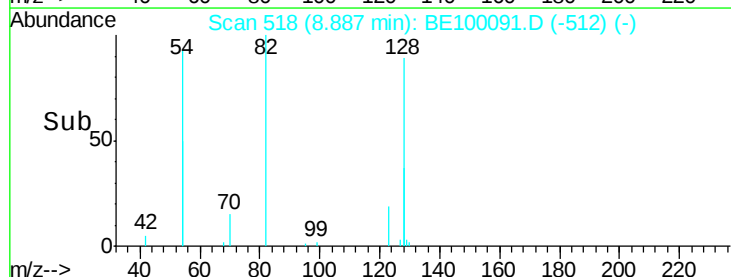
54 165.4 143.4 215.0

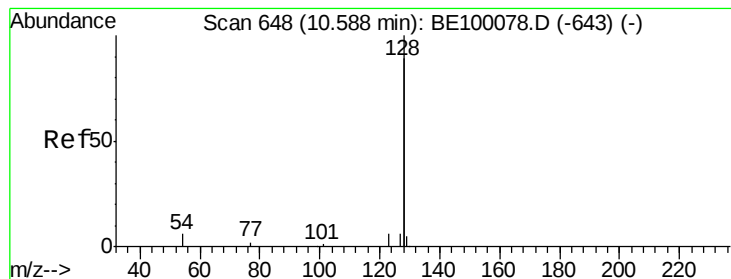


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.438 ng

RT: 10.58 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

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ClientSampleId :

SS043MW010-190611MSD

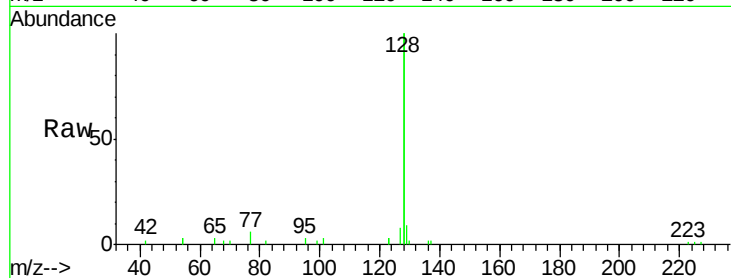
Tgt Ion:128 Resp: 13516

Ion Ratio Lower Upper

128 100

129 4.4 3.1 4.7

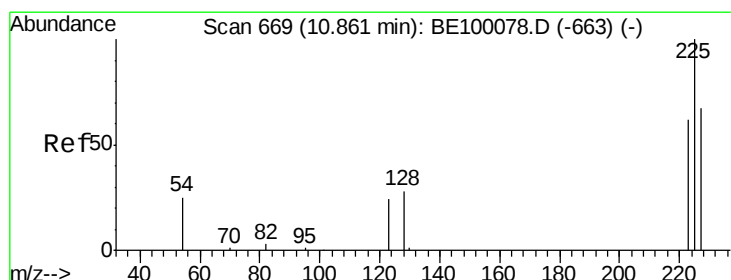
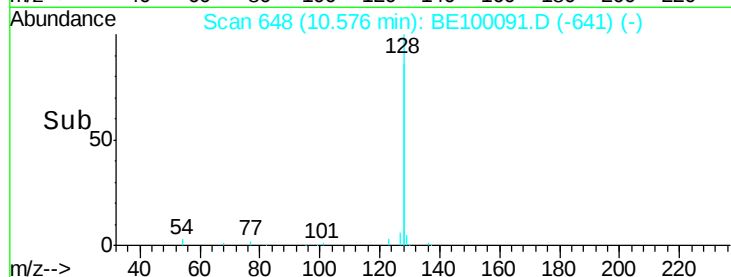
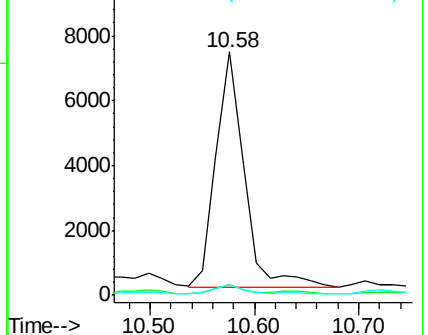
127 4.1 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.299 ng

RT: 10.85 min Scan# 669

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

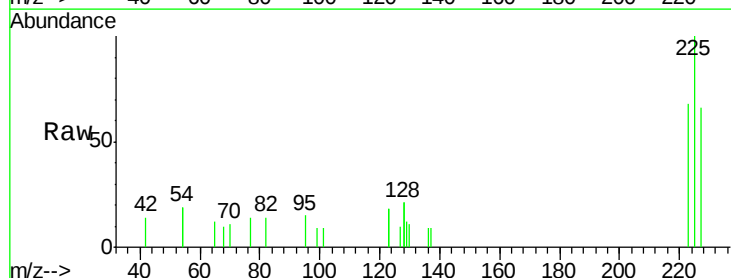
Tgt Ion:225 Resp: 906

Ion Ratio Lower Upper

225 100

223 63.1 52.2 78.4

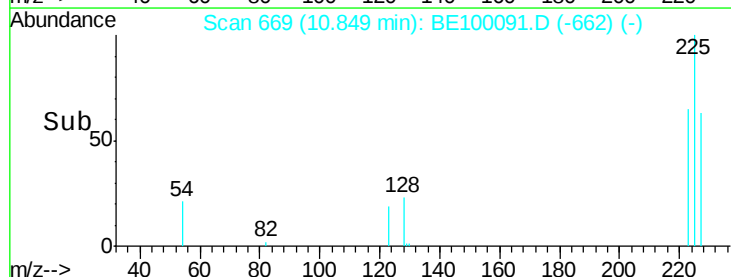
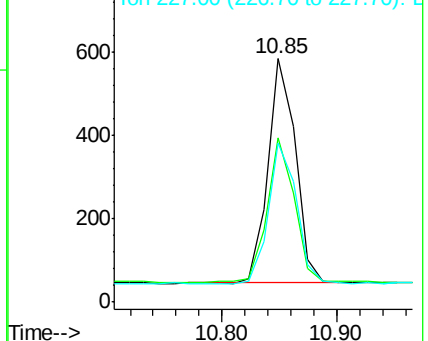
227 64.1 53.0 79.6

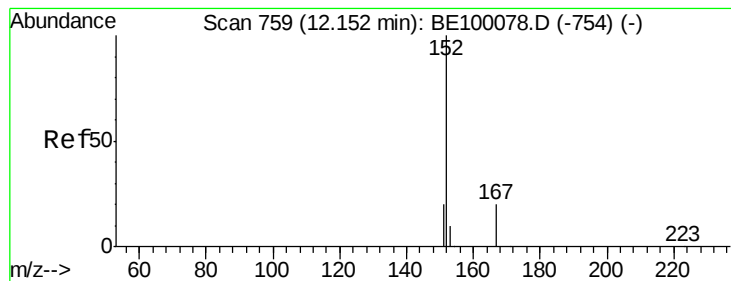


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.488 ng

RT: 12.14 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

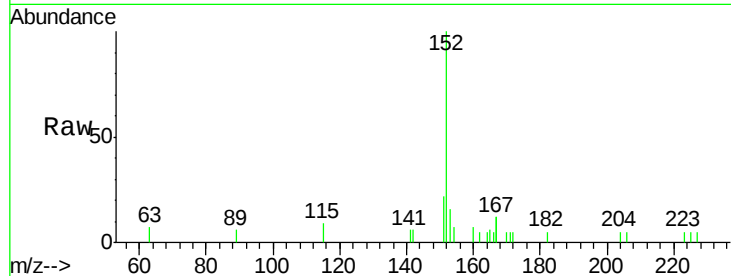
SS043MW010-190611MSD

Tgt Ion:152 Resp: 2636

Ion Ratio Lower Upper

152 100

151 13.4 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

1000

800

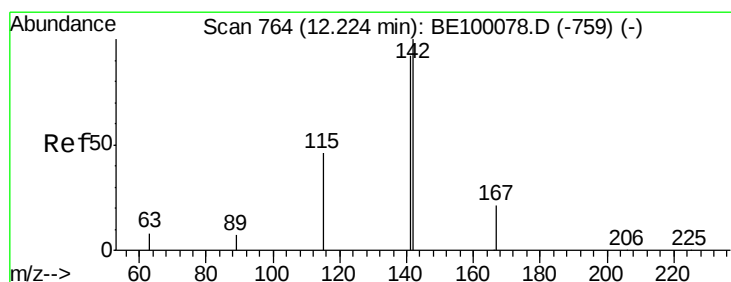
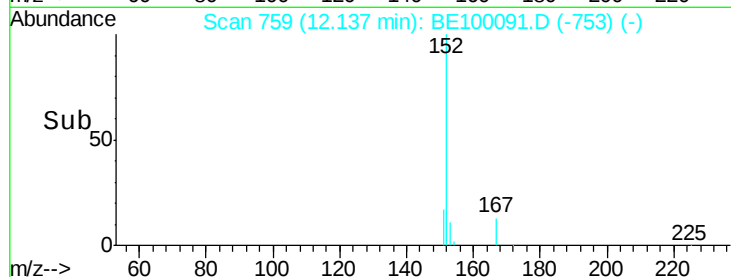
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.21 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

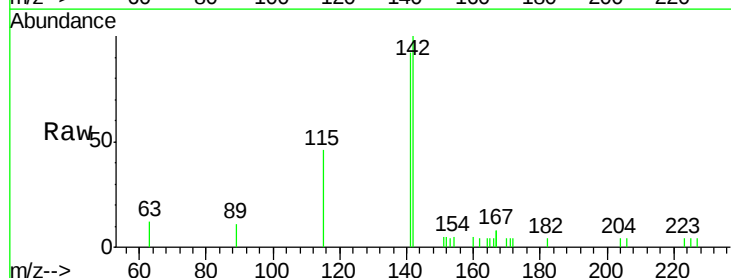
Tgt Ion:142 Resp: 1955

Ion Ratio Lower Upper

142 100

141 91.9 74.1 111.1

115 45.8 40.9 61.3



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

12.21

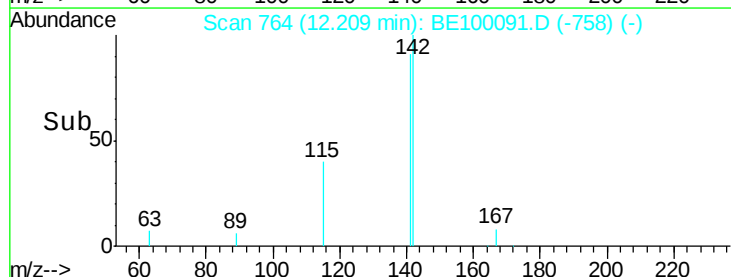
1500

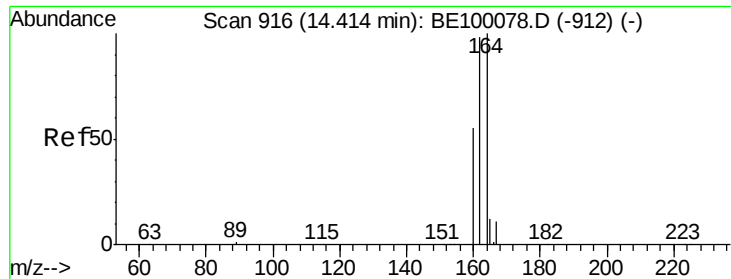
1000

500

0

Time-->

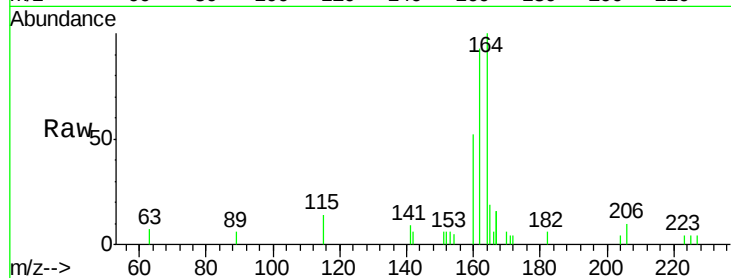




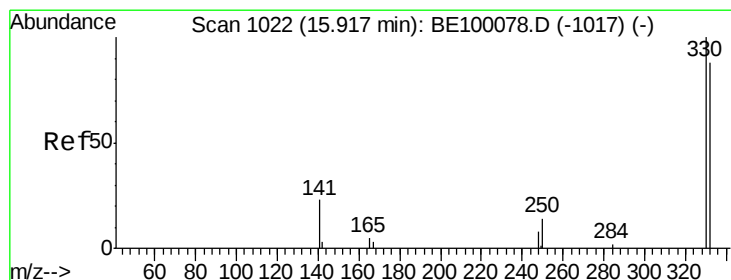
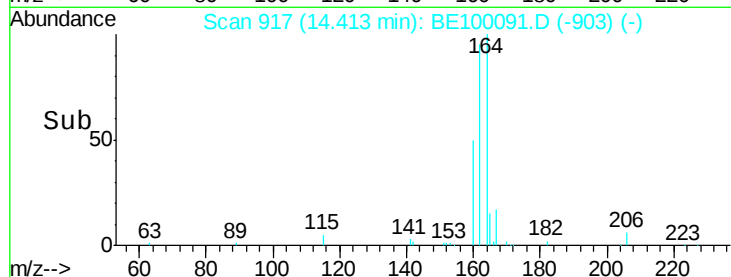
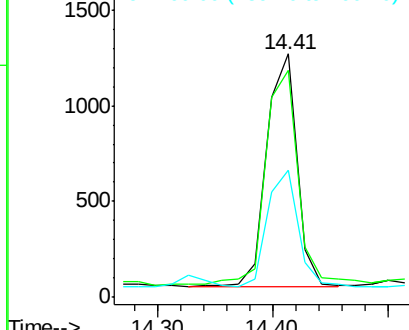
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

Tgt Ion:164 Resp: 2197
Ion Ratio Lower Upper
164 100
162 93.4 78.2 117.2
160 52.1 45.6 68.4

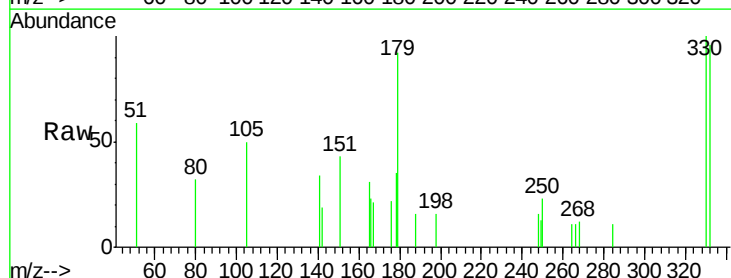


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

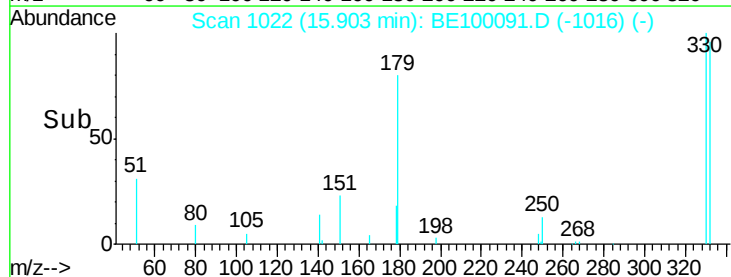
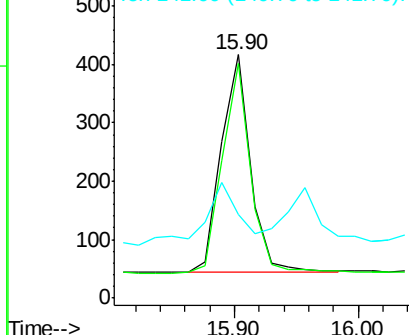


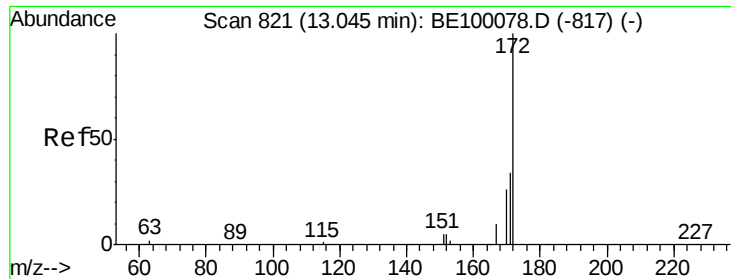
#14
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 15.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:330 Resp: 608
Ion Ratio Lower Upper
330 100
332 93.9 73.3 109.9
141 23.4 22.2 33.2



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

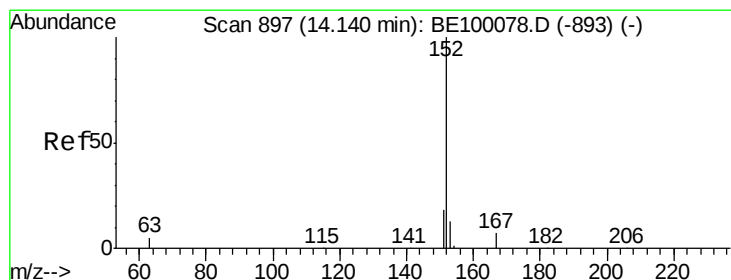
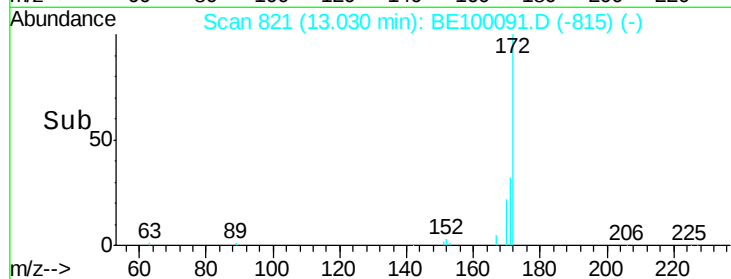
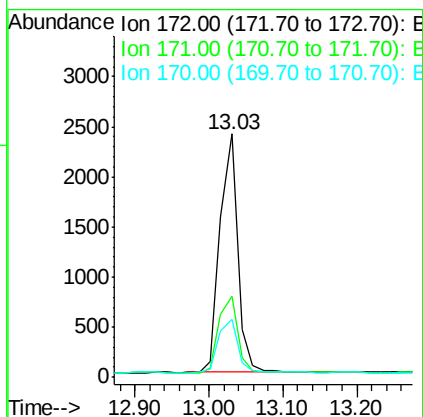
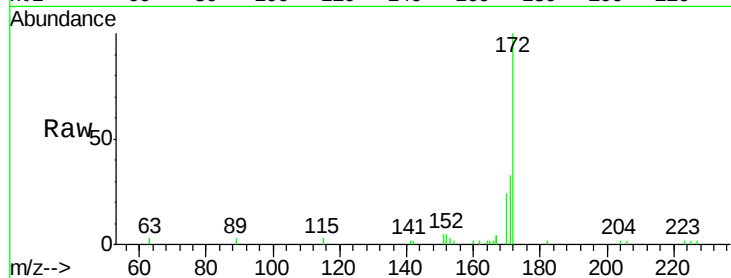




#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.03 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

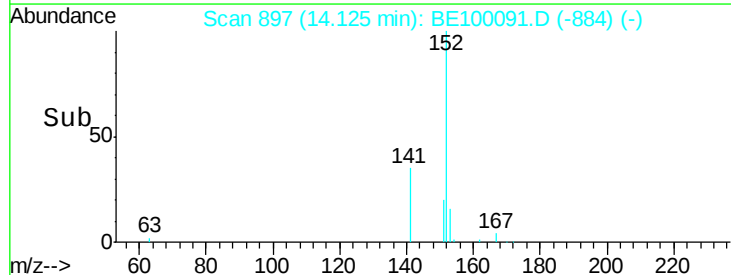
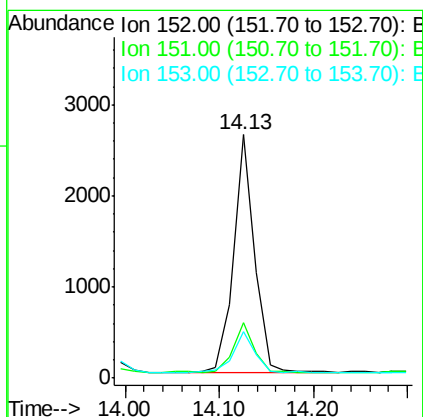
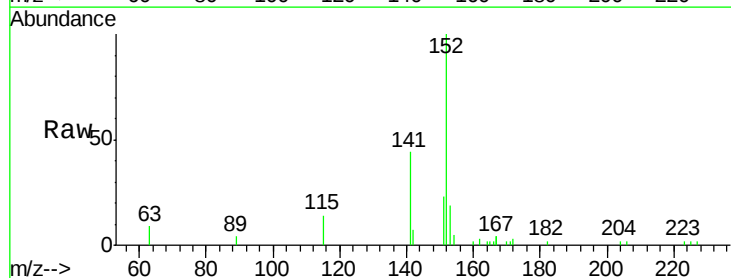
Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

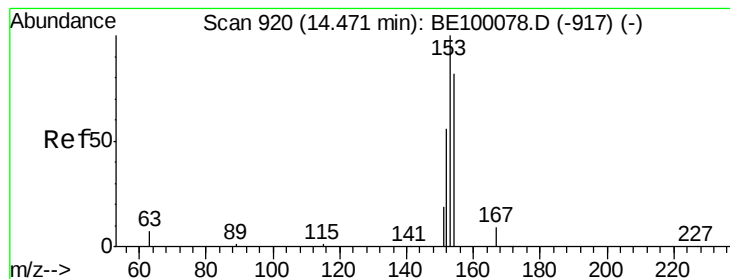
Tgt Ion:172 Resp: 3988
Ion Ratio Lower Upper
172 100
171 33.5 29.8 44.8
170 23.7 23.2 34.8



#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.13 min Scan# 897
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:152 Resp: 4041
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 18.4 10.1 15.1#





#17

Acenaphthene

Concen: 7.966 ng

RT: 14.47 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

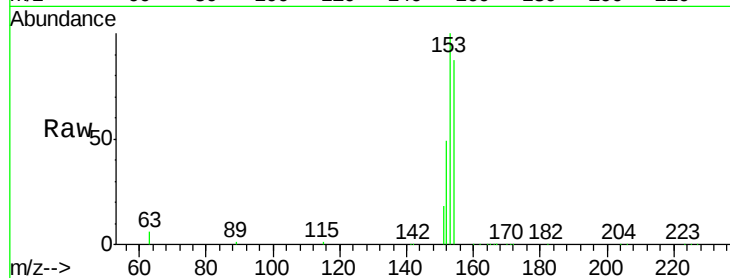
Tgt Ion:154 Resp: 46456

Ion Ratio Lower Upper

154 100

153 116.7 95.5 143.3

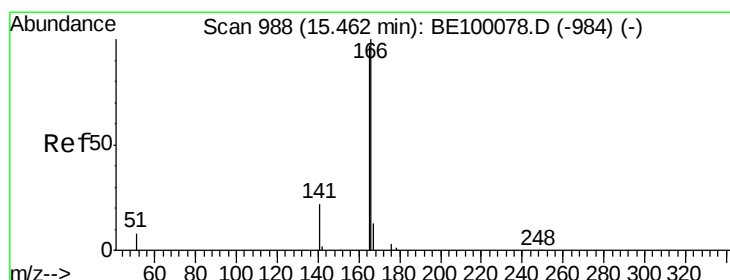
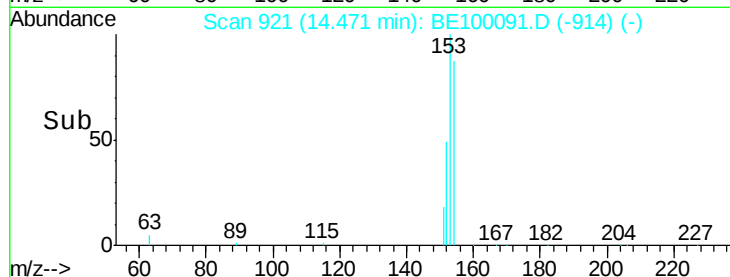
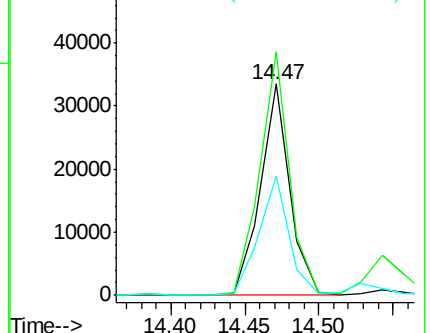
152 57.8 54.9 82.3



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: 5.900 ng

RT: 15.45 min Scan# 988

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

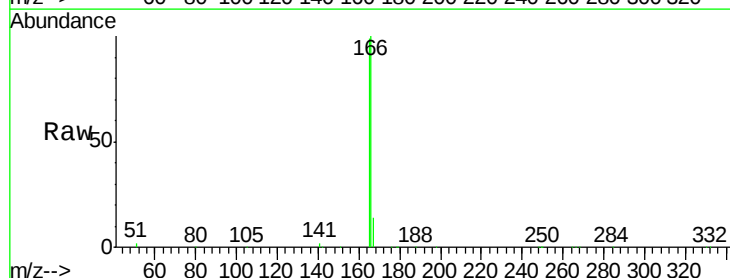
Tgt Ion:166 Resp: 51242

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

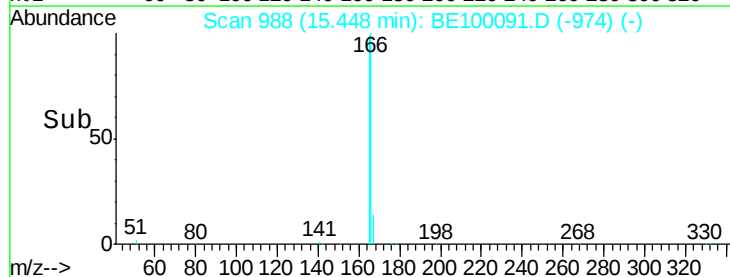
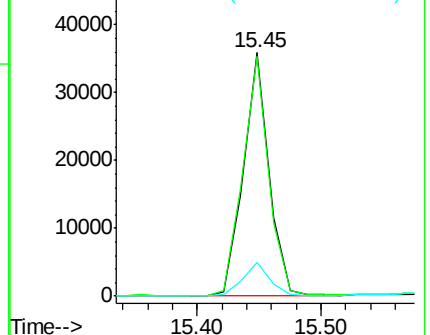
167 13.8 10.2 15.4

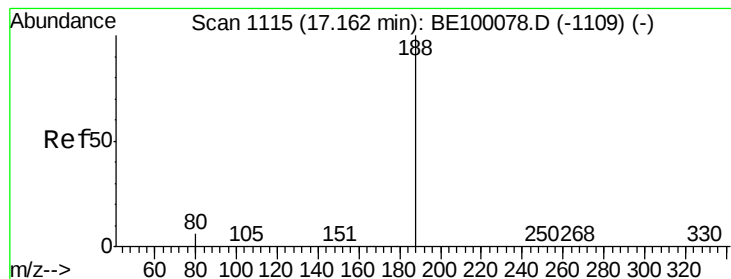


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.15 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

Tgt Ion:188 Resp: 6873

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

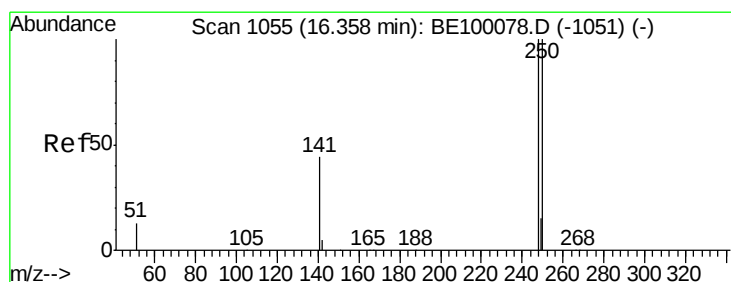
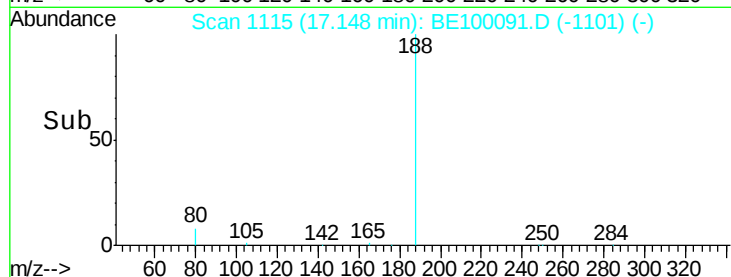
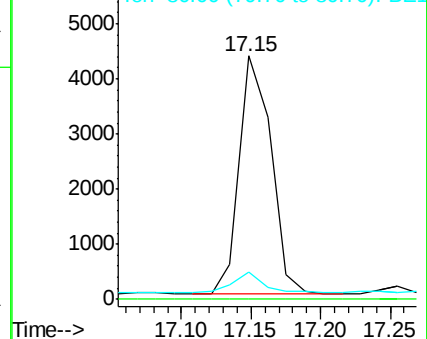
80 11.0 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.366 ng

RT: 16.35 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

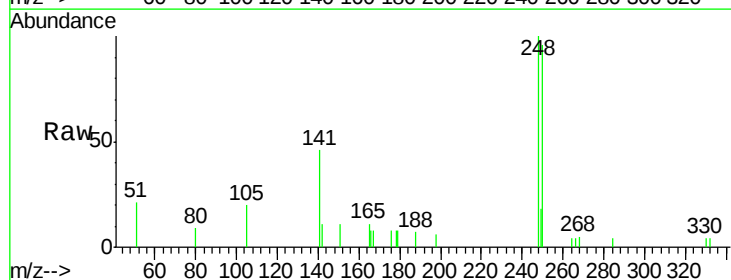
Tgt Ion:248 Resp: 1496

Ion Ratio Lower Upper

248 100

250 96.4 80.6 120.8

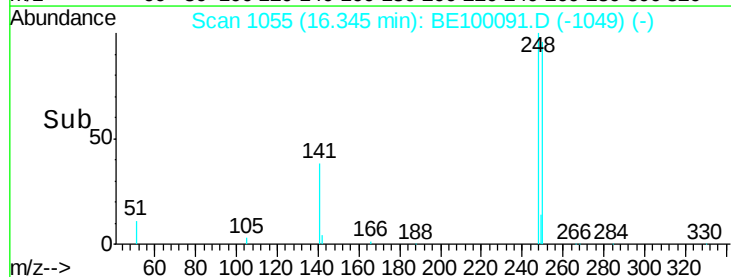
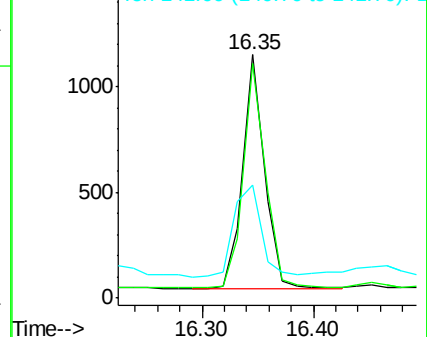
141 46.3 38.8 58.2

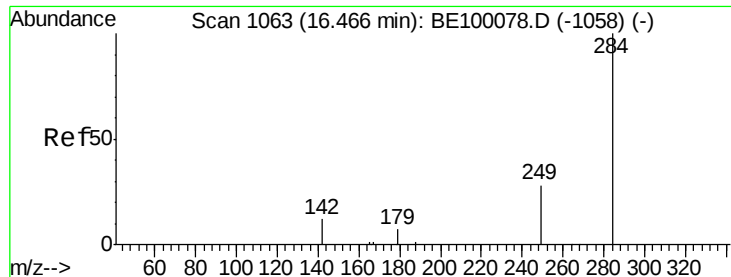


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

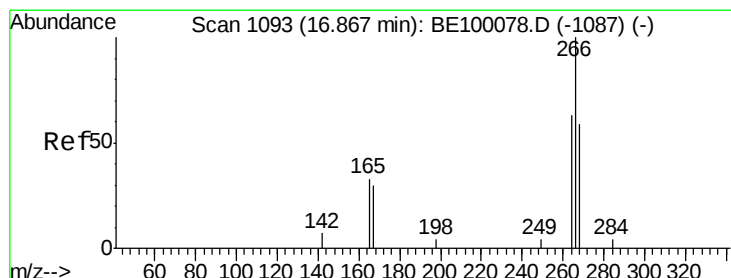
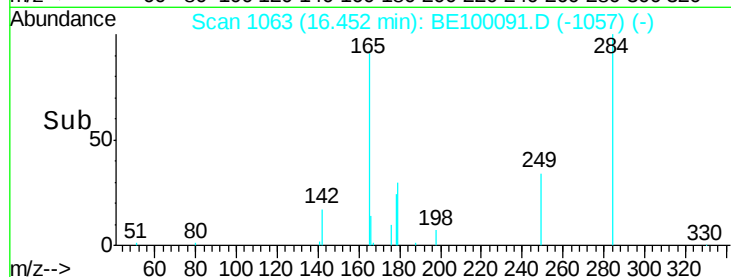
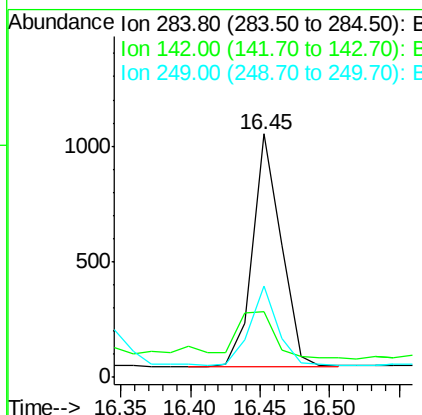
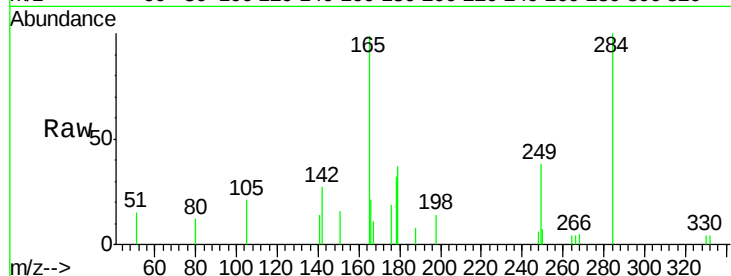




#21
Hexachlorobenzene
Concen: 0.320 ng
RT: 16.45 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

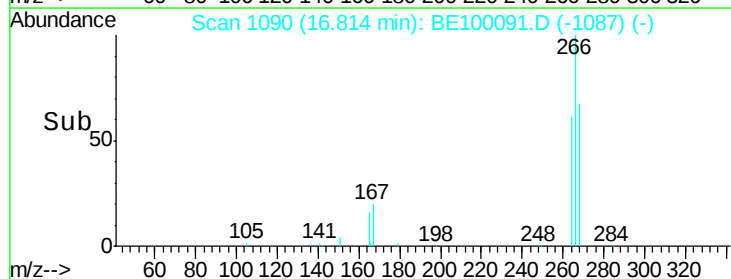
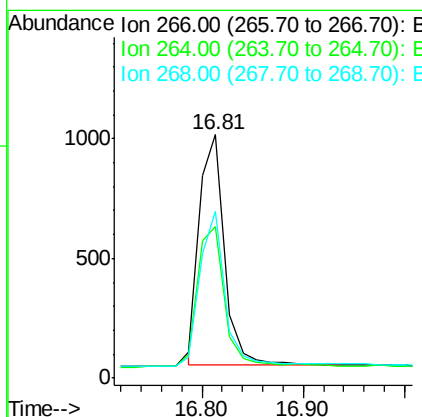
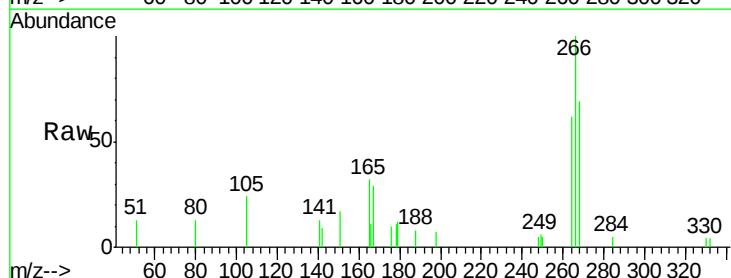
Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

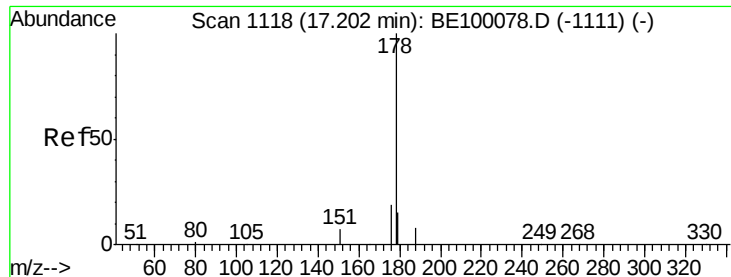
Tgt Ion: 284 Resp: 1443
Ion Ratio Lower Upper
284 100
142 25.8 20.7 31.1
249 33.1 26.6 39.8



#22
Pentachlorophenol
Concen: 1.382 ng
RT: 16.81 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion: 266 Resp: 1670
Ion Ratio Lower Upper
266 100
264 62.3 67.8 101.6#
268 68.6 70.0 105.0#





#23

Phenanthrene

Concen: 3.611 ng

RT: 17.19 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

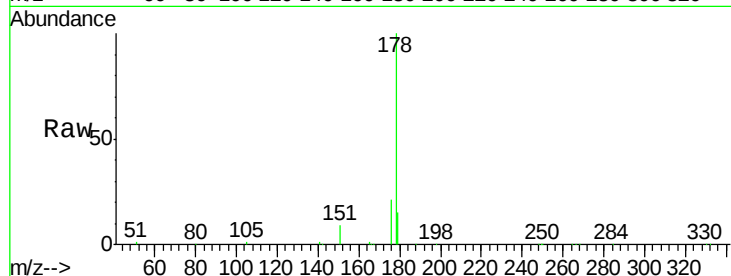
Tgt Ion:178 Resp: 59456

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

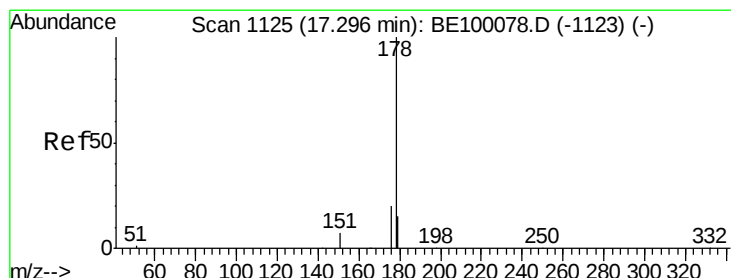
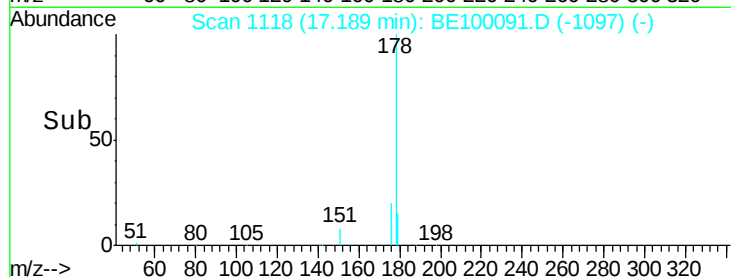
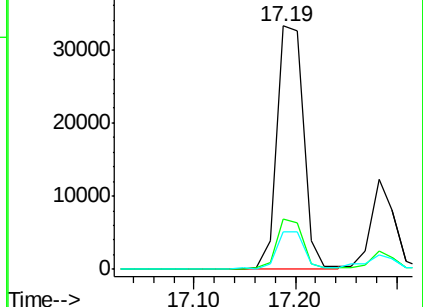
179 15.5 13.1 19.7



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: 1.316 ng

RT: 17.28 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

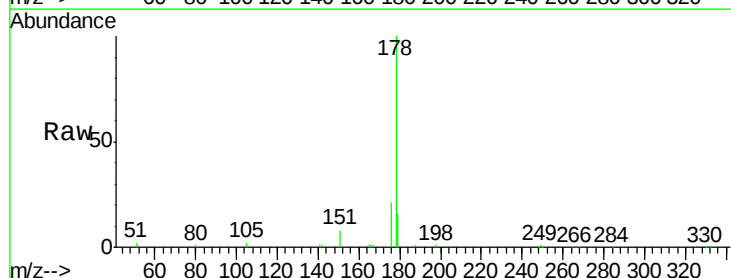
Tgt Ion:178 Resp: 18280

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

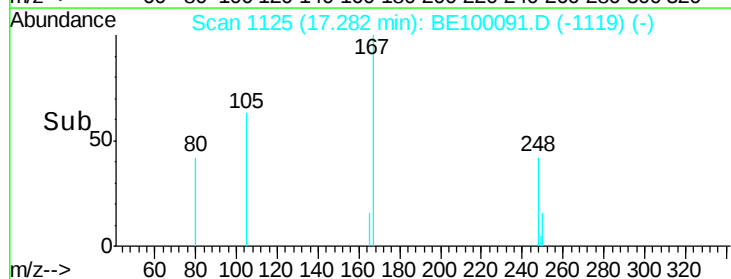
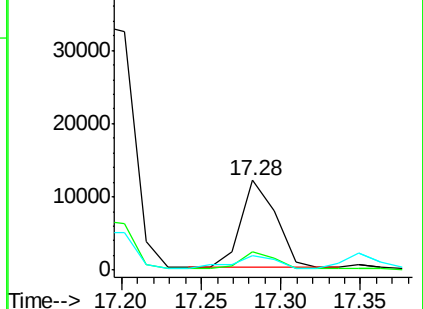
179 19.6 12.0 18.0#

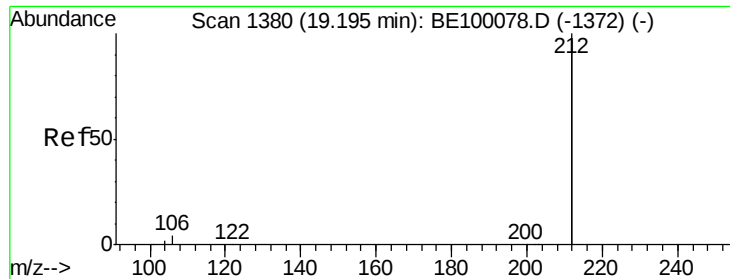


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.19 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

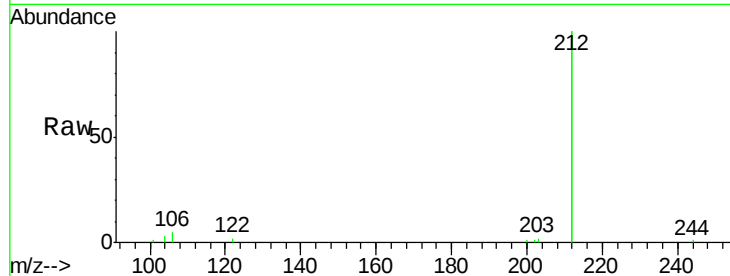
Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

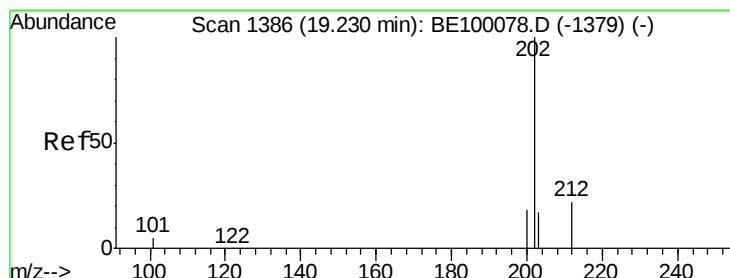
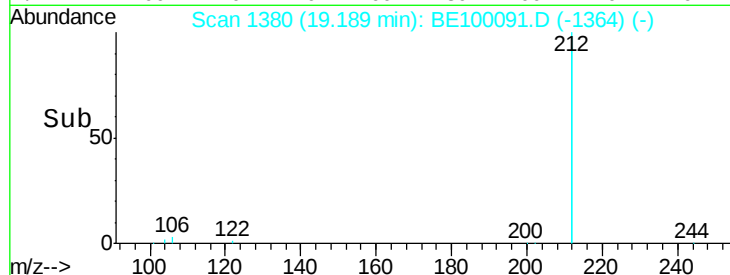
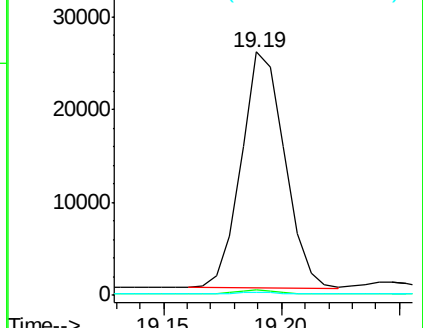
Tgt Ion:	212	Resp:	32533
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.4	2.0#
104	1.1	0.8	1.2



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: 0.963 ng

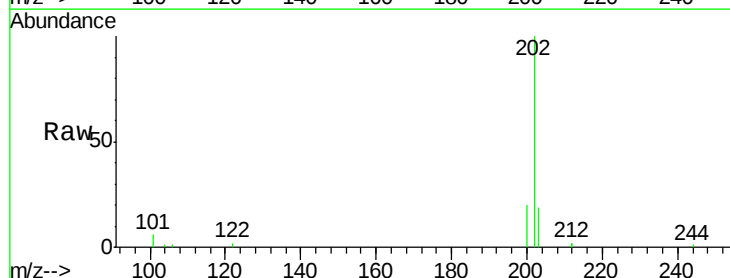
RT: 19.22 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

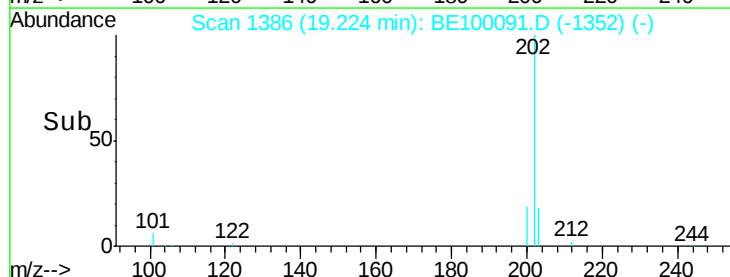
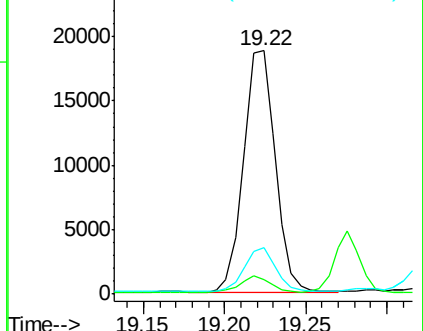
Tgt Ion:	202	Resp:	25443
Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.0	7.4
203	17.4	13.7	20.5

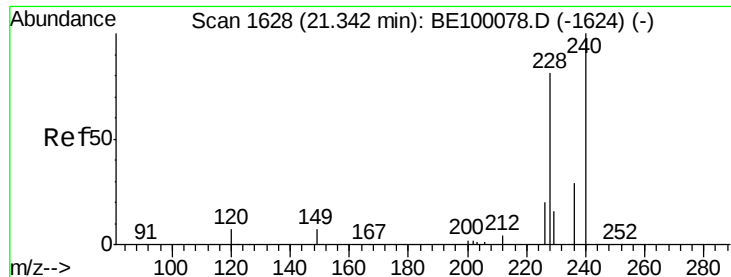


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

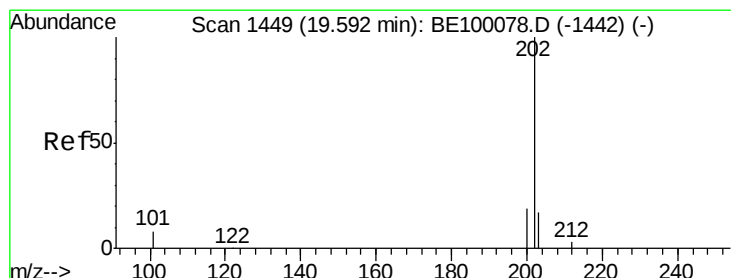
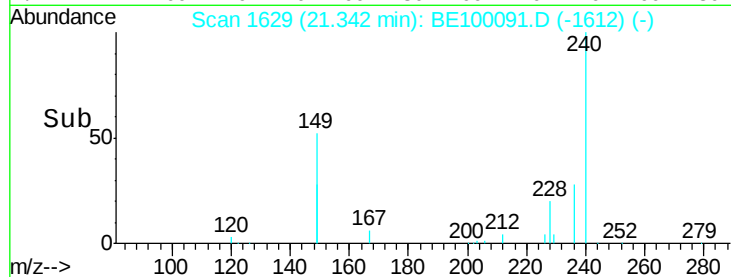
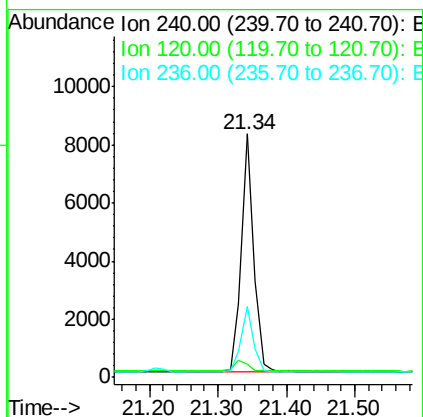
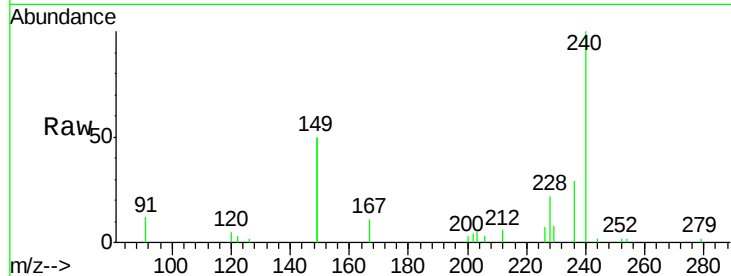




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BE100091.D
 Acq: 19 Jun 2019 20:29

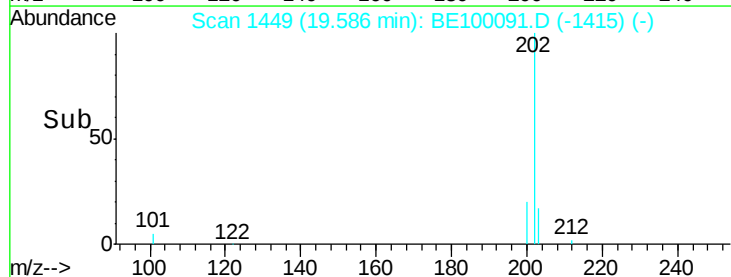
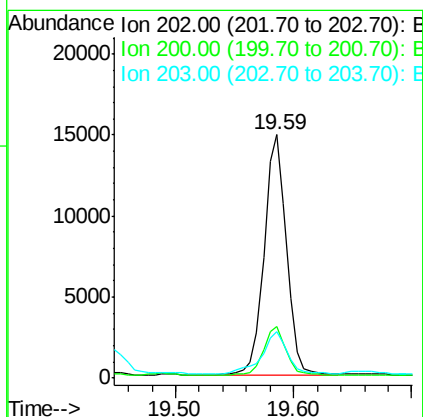
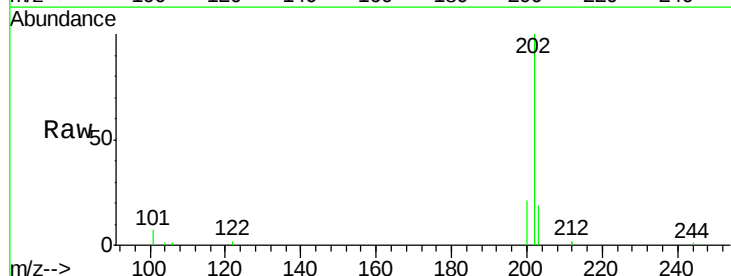
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MSD

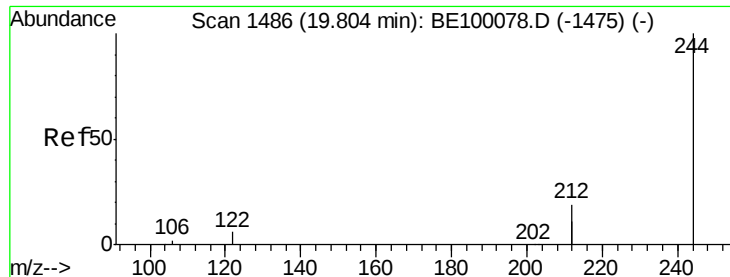
Tgt Ion: 240 Resp: 10508
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.6 10.0#
 236 29.2 23.8 35.6



#28
 Pyrene
 Concen: 0.725 ng
 RT: 19.59 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BE100091.D
 Acq: 19 Jun 2019 20:29

Tgt Ion: 202 Resp: 19568
 Ion Ratio Lower Upper
 202 100
 200 20.5 15.6 23.4
 203 20.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

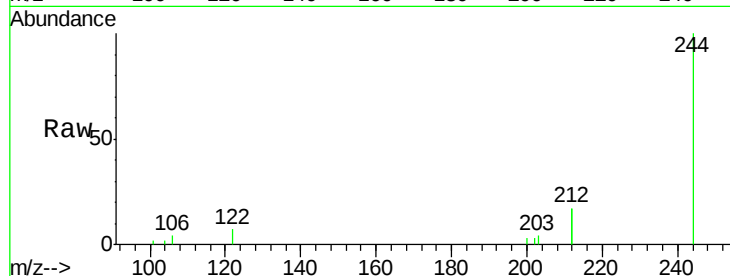
Tgt Ion:244 Resp: 9506

Ion Ratio Lower Upper

244 100

212 34.9 29.8 44.8

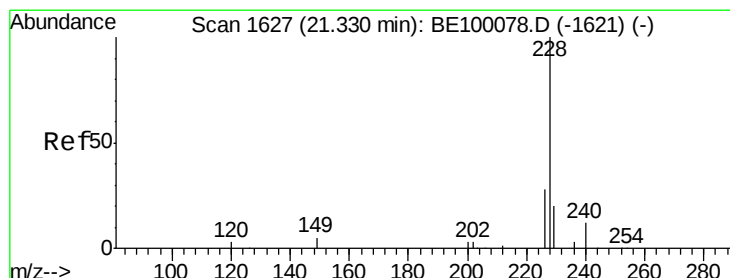
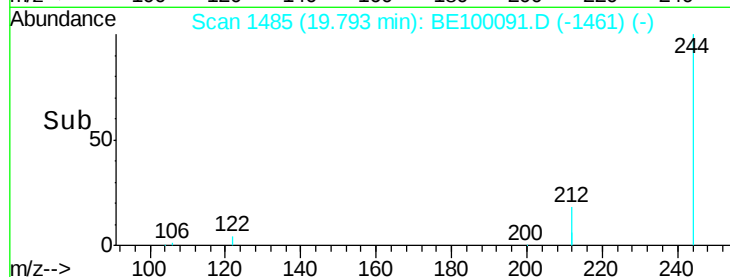
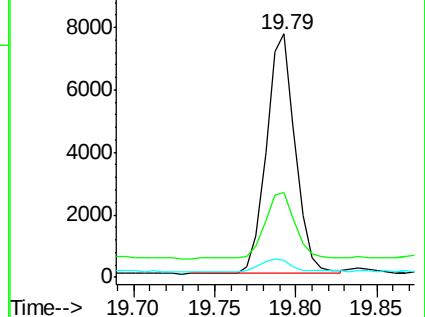
122 6.8 6.1 9.1



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: 0.440 ng

RT: 21.33 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

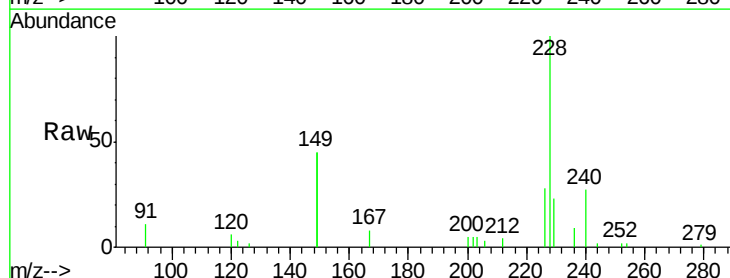
Tgt Ion:228 Resp: 13743

Ion Ratio Lower Upper

228 100

226 27.7 23.0 34.4

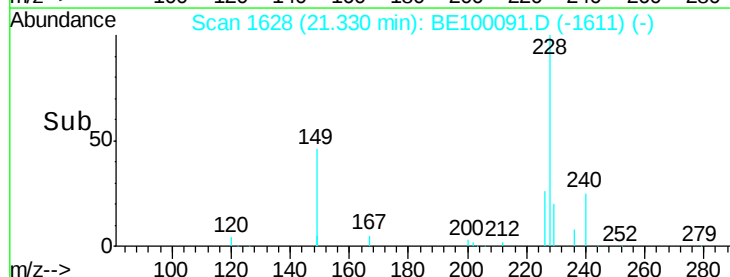
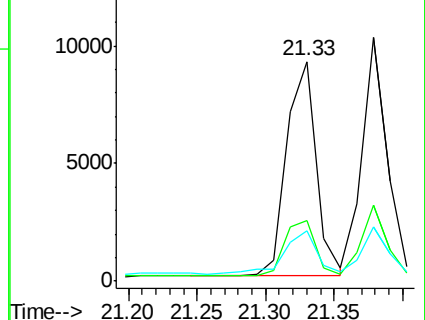
229 22.8 16.4 24.6

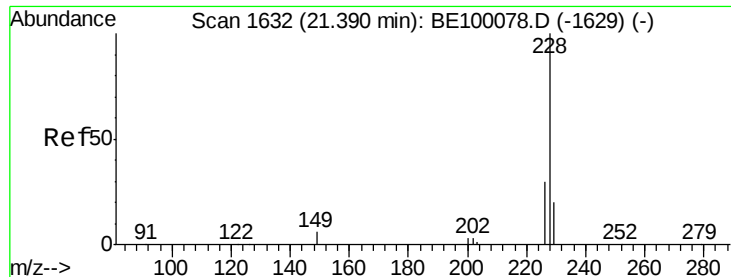


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.38 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

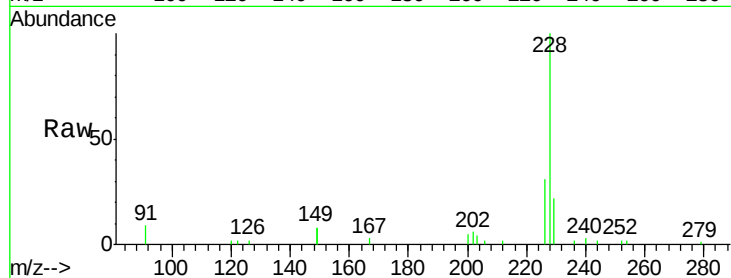
Tgt Ion:228 Resp: 12839

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

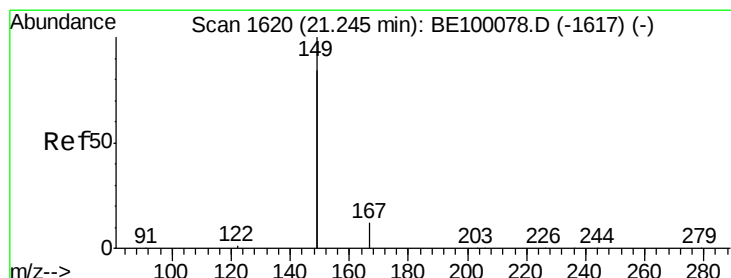
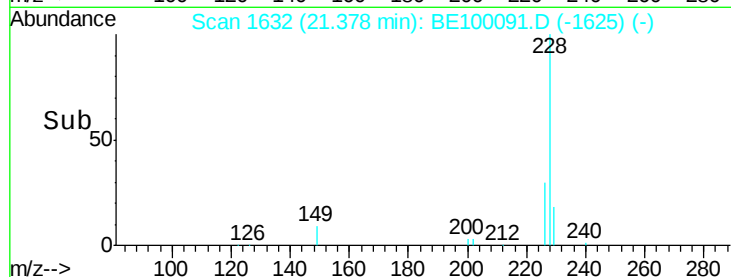
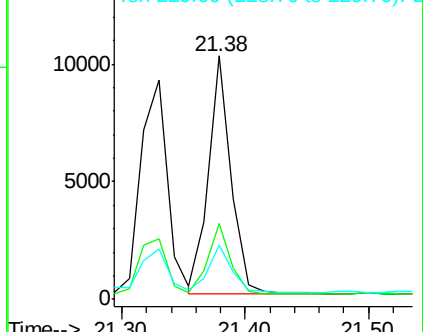
229 22.5 16.3 24.5



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: 0.795 ng

RT: 21.25 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

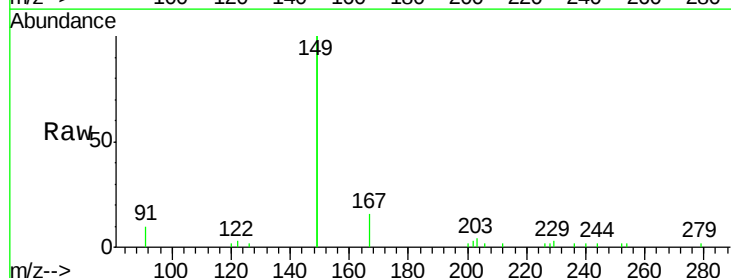
Tgt Ion:149 Resp: 23459

Ion Ratio Lower Upper

149 100

167 7.0 5.8 8.6

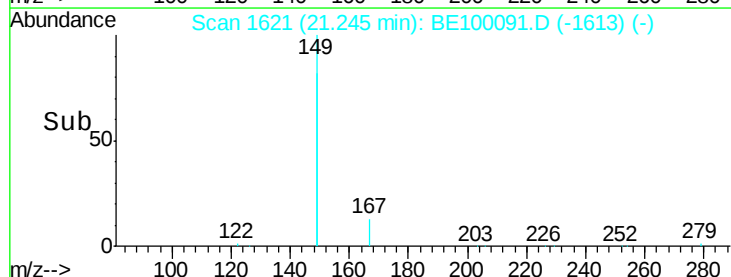
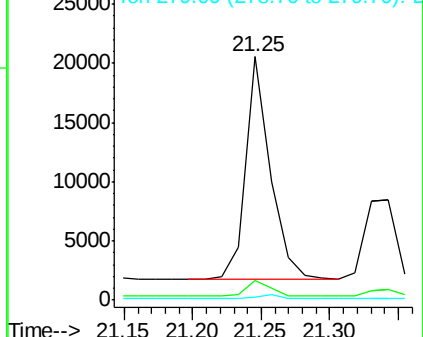
279 1.5 1.1 1.7

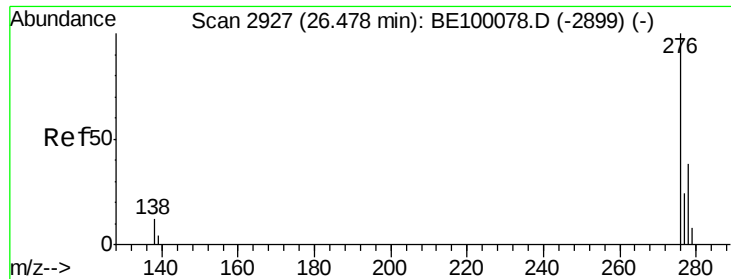


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.347 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

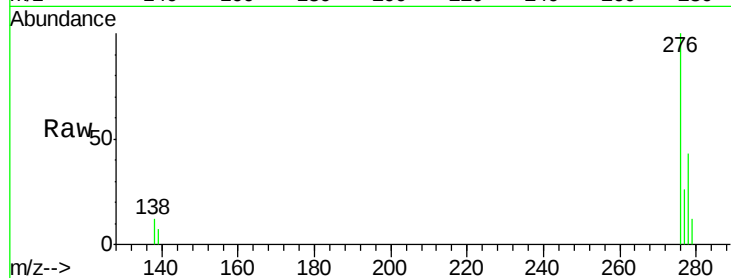
Tgt Ion:276 Resp: 14165

Ion Ratio Lower Upper

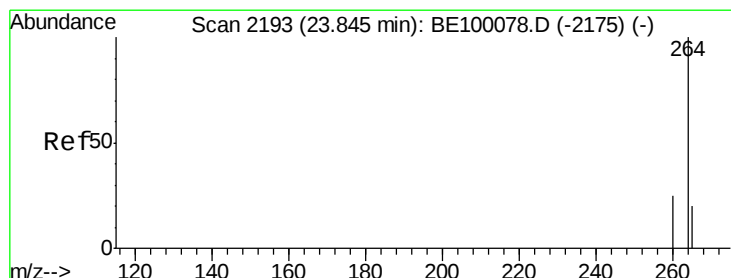
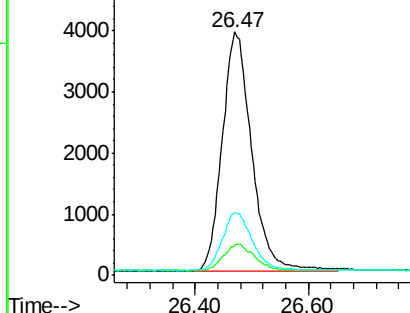
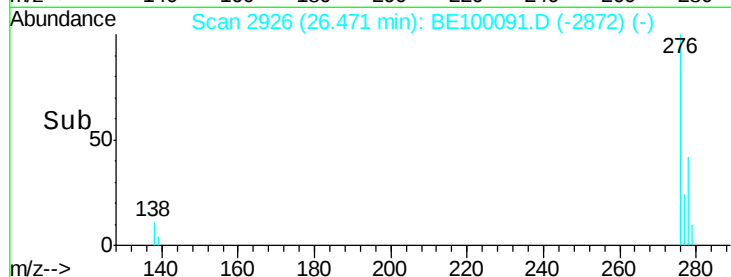
276 100

138 11.4 4.3 6.5#

277 24.6 19.4 29.0



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: 23.84 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

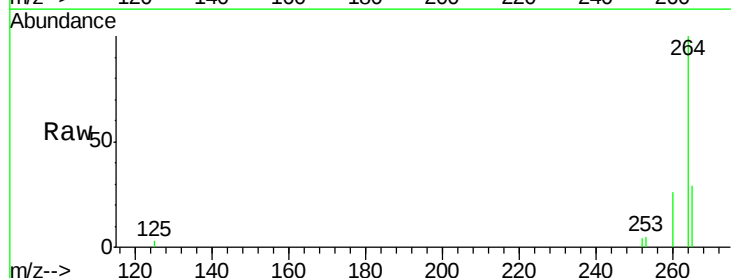
Tgt Ion:264 Resp: 12019

Ion Ratio Lower Upper

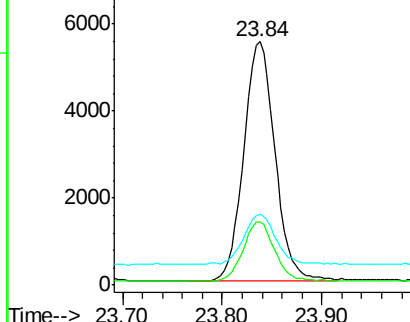
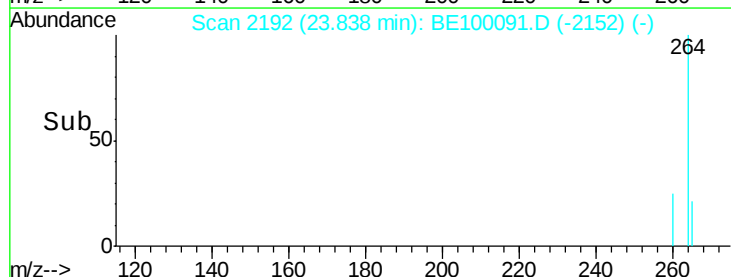
264 100

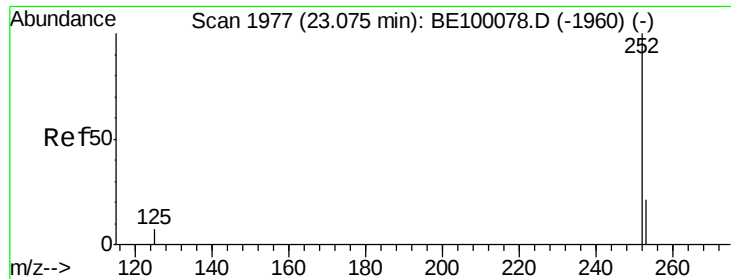
260 26.1 20.8 31.2

265 29.1 23.2 34.8



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

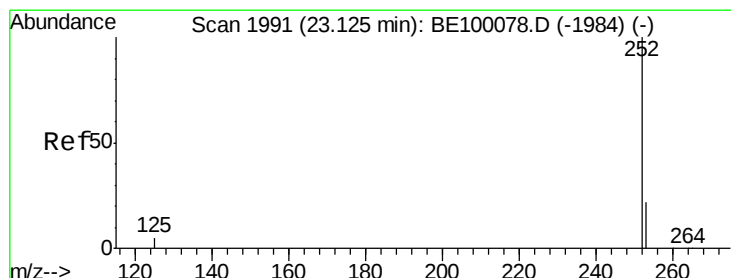
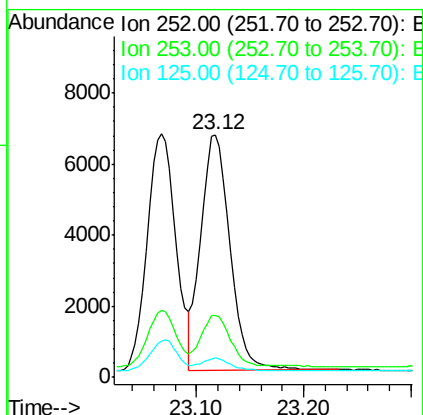
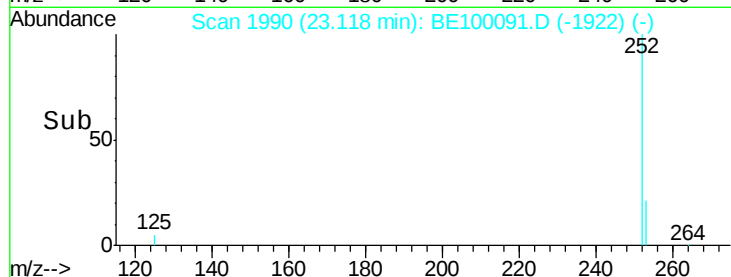
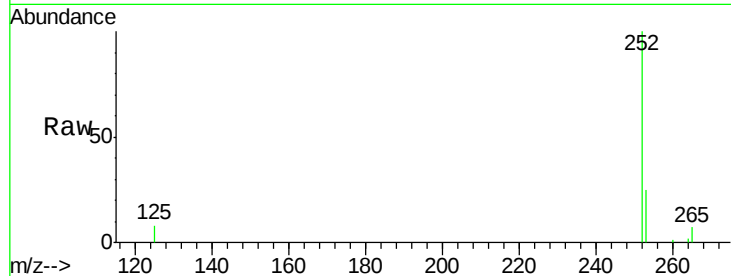




#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.04 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

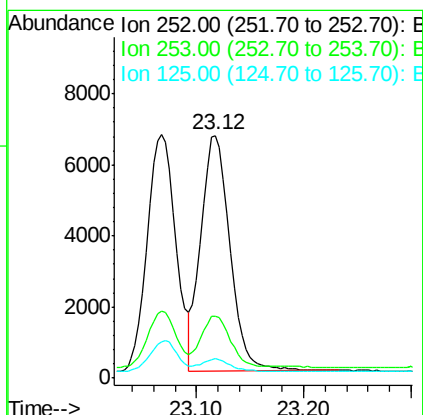
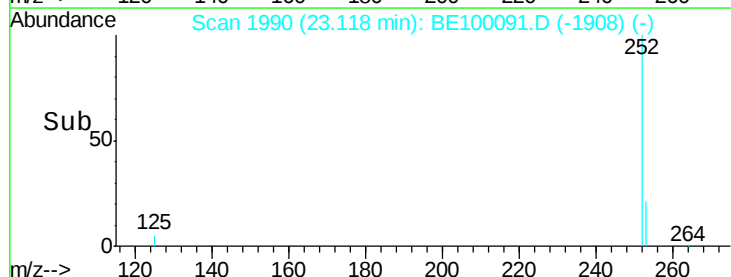
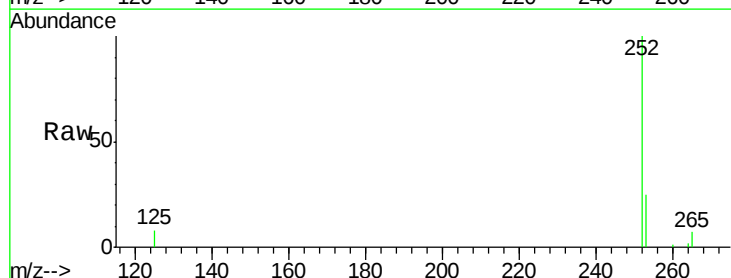
Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MSD

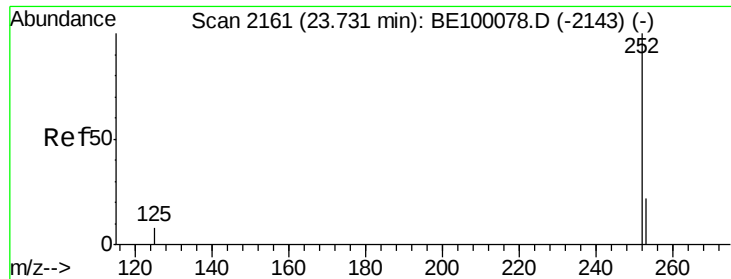
Tgt Ion:252 Resp: 12553
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 7.9 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.313 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE100091.D
Acq: 19 Jun 2019 20:29

Tgt Ion:252 Resp: 12553
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 7.9 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.72 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD

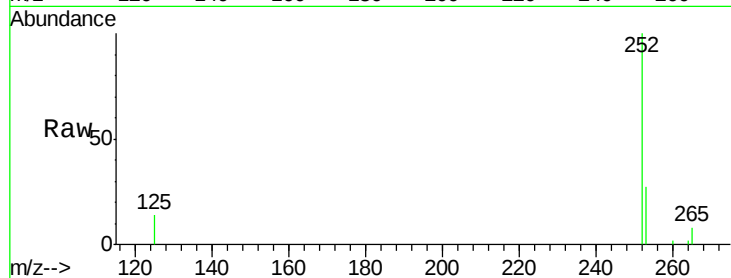
Tgt Ion:252 Resp: 12098

Ion Ratio Lower Upper

252 100

253 27.2 19.4 29.2

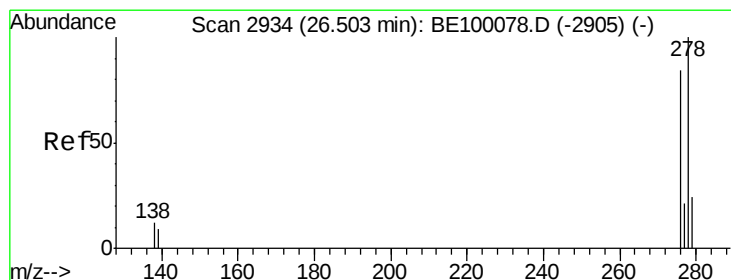
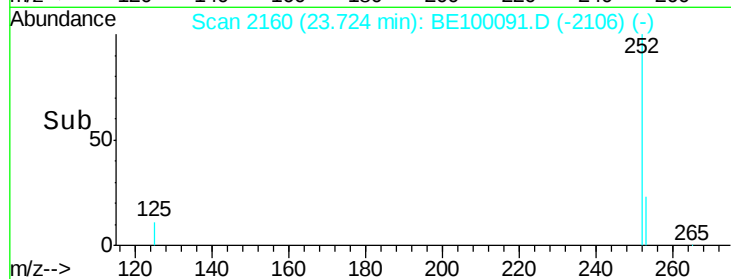
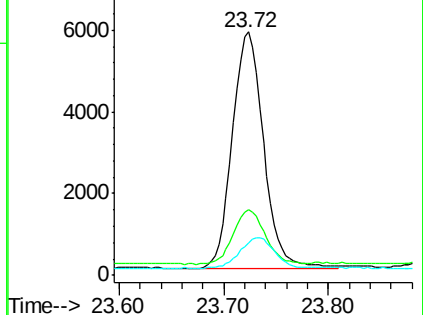
125 13.5 8.0 12.0#



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: 0.331 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BE100091.D

Acq: 19 Jun 2019 20:29

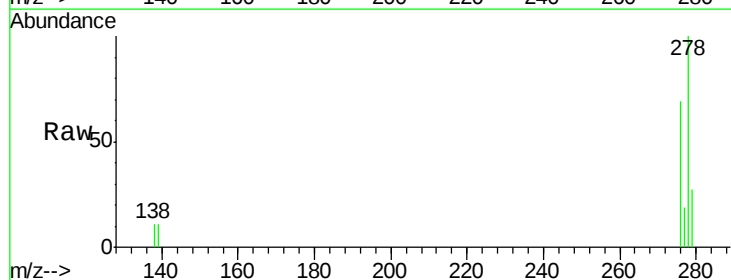
Tgt Ion:278 Resp: 11544

Ion Ratio Lower Upper

278 100

139 10.9 9.0 13.6

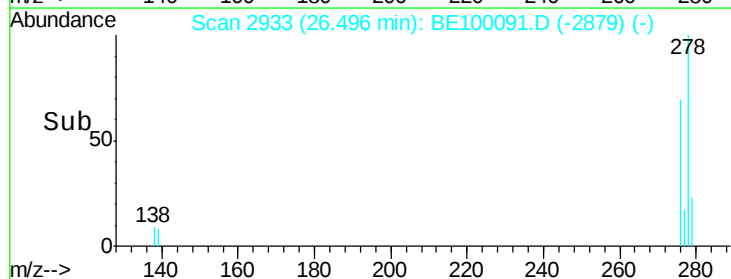
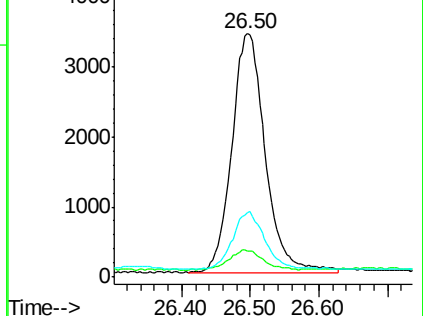
279 26.6 21.4 32.0

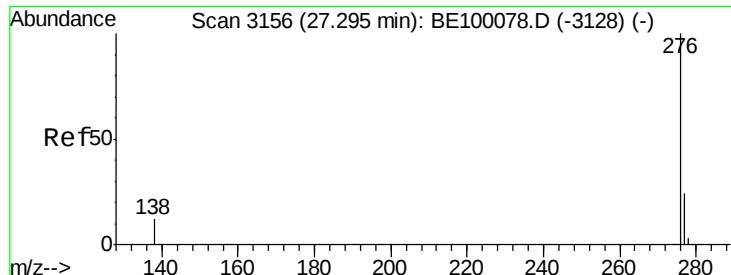


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.331 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE100091.D

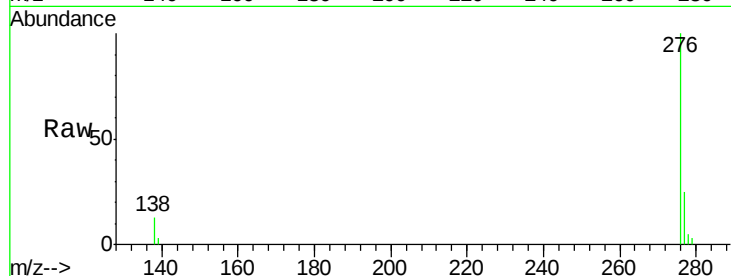
Acq: 19 Jun 2019 20:29

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MSD



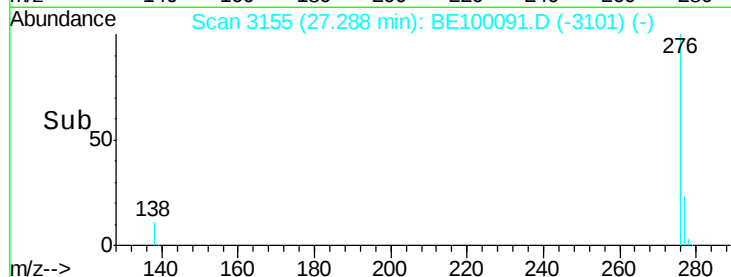
Tgt Ion: 276 Resp: 11987

Ion Ratio Lower Upper

276 100

277 24.8 20.3 30.5

138 12.8 11.3 16.9



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

