

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100396.D
 Acq On : 6 Jul 2019 00:38
 Operator : JU/SJ
 Sample : K3558-10 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-032-SW172-062519

Quant Time: Jul 06 03:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	585	0.40	ng	-0.01
7) Naphthalene-d8	10.42	136	2123	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1651	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	5117	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	6620	0.40	ng	-0.01
34) Perylene-d12	23.65	264	8400	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	74	0.05	ng	-0.02
5) Phenol-d6	6.84	99	39	0.02	ng	0.00
8) Nitrobenzene-d5	8.85	82	65	0.03	ng	0.03
11) 2-Methylnaphthalene-d10	12.04	152	190	0.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	54	0.05	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	271	0.04	ng	-0.01
25) Fluoranthene-d10	19.08	212	2427	0.03	ng	-0.02
29) Terphenyl-d14	19.68	244	521	0.04	ng	-0.02

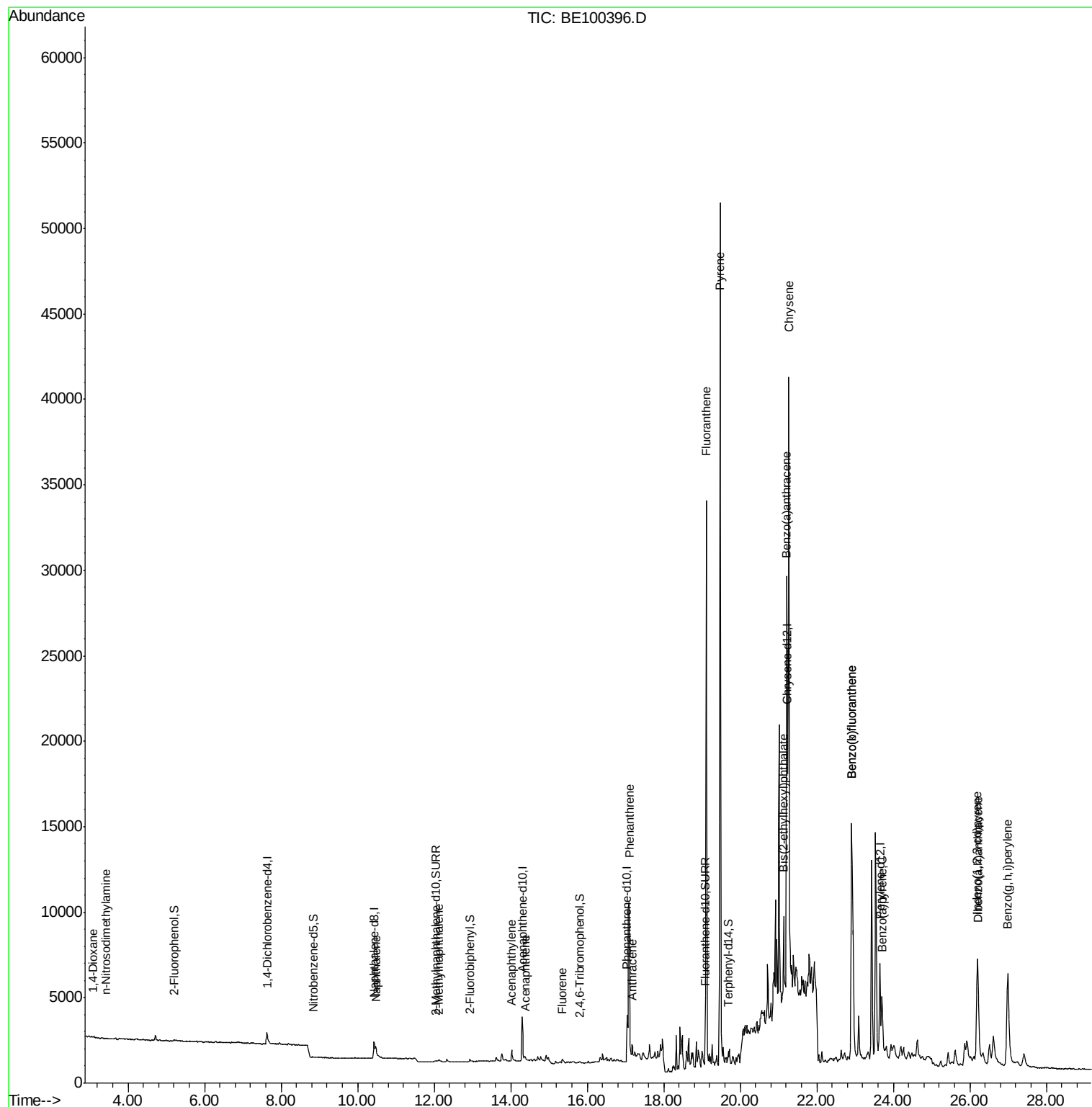
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	30	0.033	ng	# 65
3) n-Nitrosodimethylamine	3.42	42	21	0.050	ng	# 4
9) Naphthalene	10.47	128	1420	0.061	ng	# 84
12) 2-Methylnaphthalene	12.12	142	144	0.035	ng	# 74
16) Acenaphthylene	14.02	152	1106	0.140	ng	97
17) Acenaphthene	14.37	154	148	0.033	ng	86
18) Fluorene	15.35	166	311	0.047	ng	# 91
23) Phenanthrene	17.09	178	13199	1.064	ng	99
24) Anthracene	17.17	178	1296	0.116	ng	# 89
26) Fluoranthene	19.11	202	33744	1.708	ng	99
28) Pyrene	19.47	202	51396	2.932	ng	96
30) Benzo(a)anthracene	21.21	228	24853	1.142	ng	95
31) Chrysene	21.27	228	35213	1.611	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	3821	0.067	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.20	276	14990	0.519	ng	# 93
35) Benzo(b)fluoranthene	22.91	252	28947	1.271	ng	# 98
36) Benzo(k)fluoranthene	22.91	252	28947	1.139	ng	98
37) Benzo(a)pyrene	23.70	252	4149	0.182	ng	92
38) Dibenzo(a,h)anthracene	26.22	278	3765	0.158	ng	# 73
39) Benzo(g,h,i)perylene	26.99	276	17491	0.714	ng	98

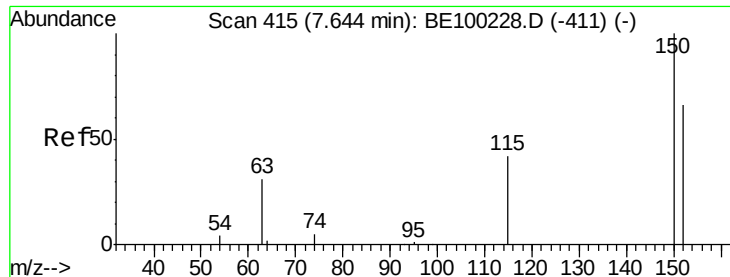
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100396.D

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ClientSampleId :

EXT-032-SW172-062519

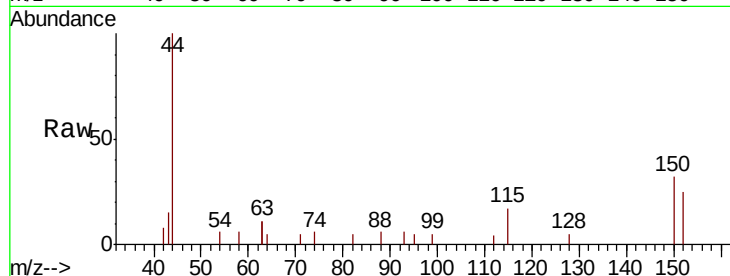
Tgt Ion:152 Resp: 585

Ion Ratio Lower Upper

152 100

150 130.6 114.5 171.7

115 68.2 57.1 85.7

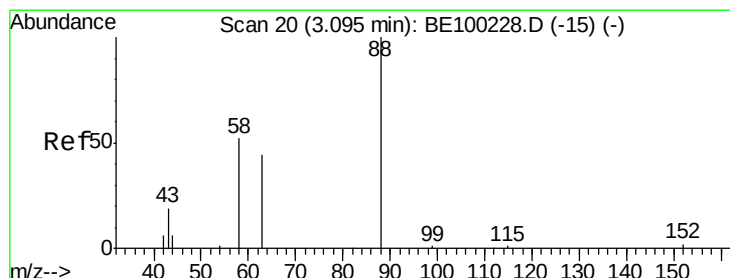
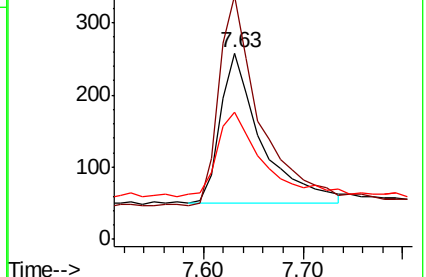
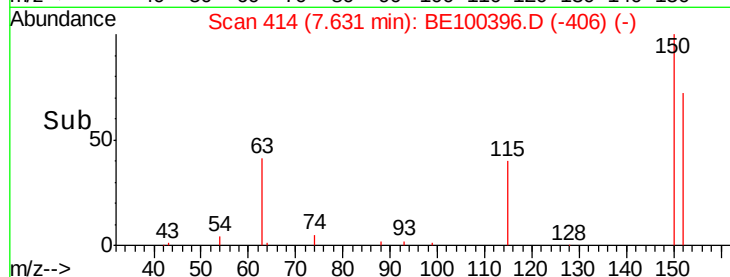


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.033 ng

RT: 3.08 min Scan# 19

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

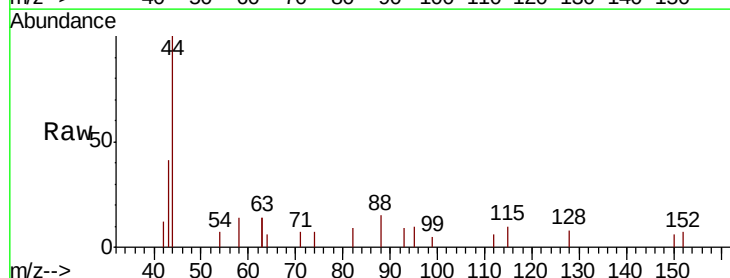
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

58 46.7 43.6 65.4

43 70.0 21.4 32.0#

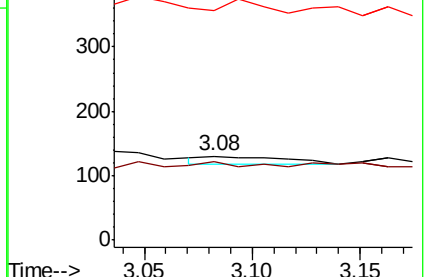
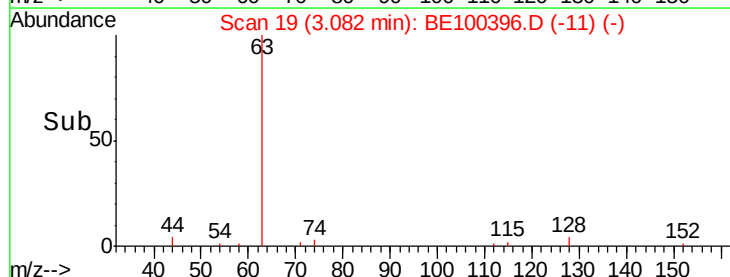


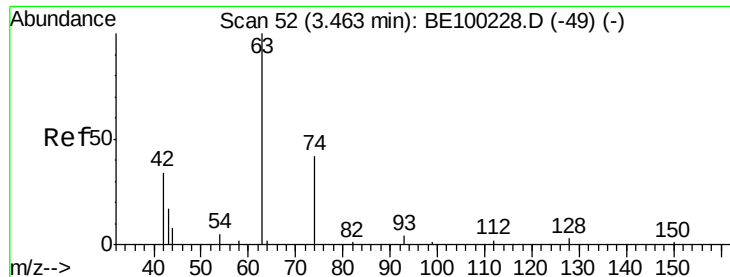
Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.42 min Scan# 48

Delta R.T. -0.05 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

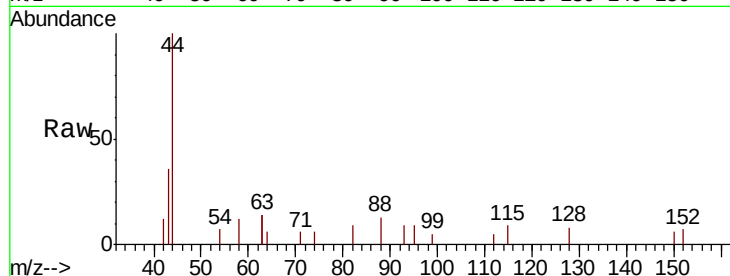
Instrument :

BNA_E

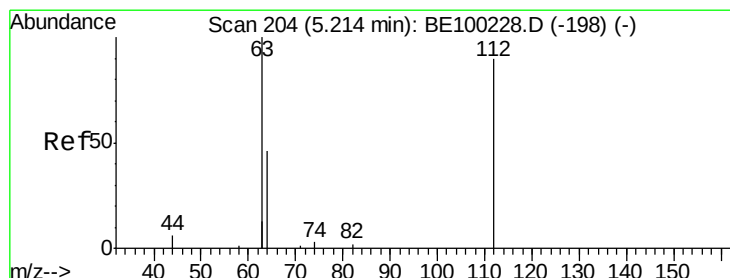
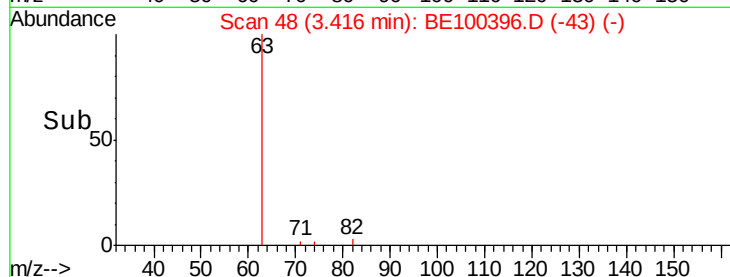
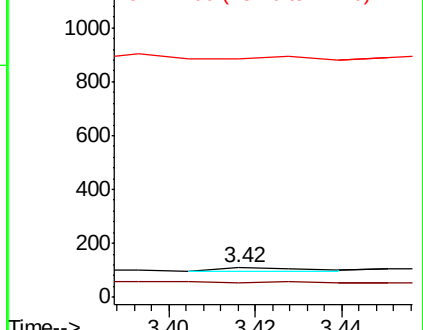
ClientSampleId :

EXT-032-SW172-062519

Tgt Ion:	42	Resp:	21
Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	42.9	38.0	57.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.050 ng

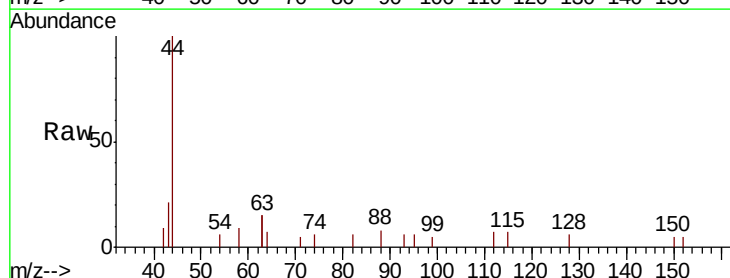
RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

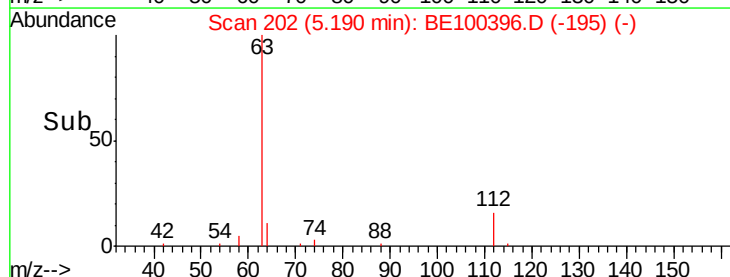
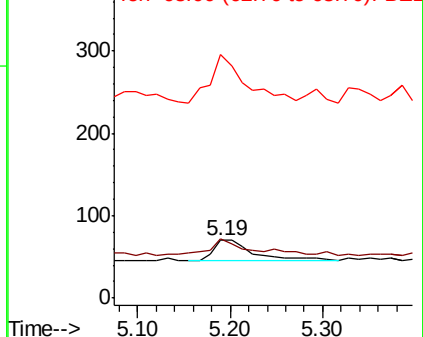
Lab File: BE100396.D

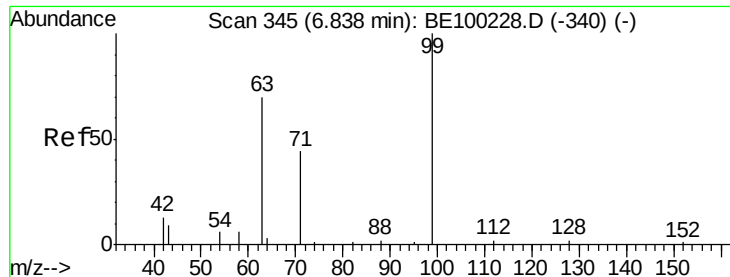
Acq: 6 Jul 2019 00:38

Tgt Ion:	112	Resp:	74
Ion	Ratio	Lower	Upper
112	100		
64	63.5	39.4	59.0#
63	218.9	104.5	156.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.020 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

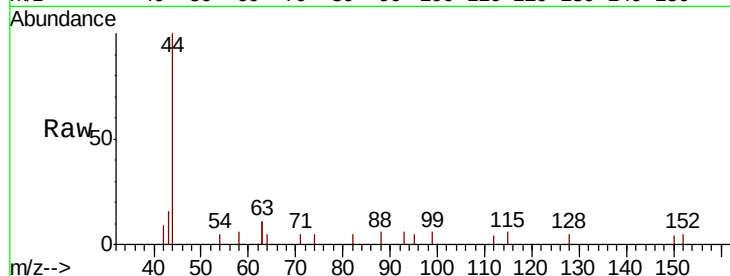
Tgt Ion: 99 Resp: 39

Ion Ratio Lower Upper

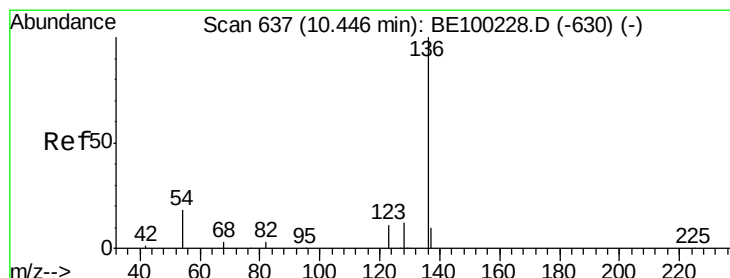
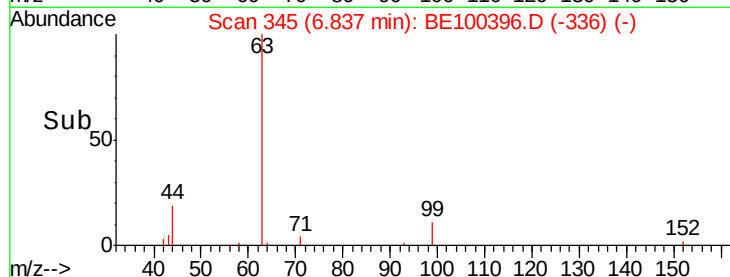
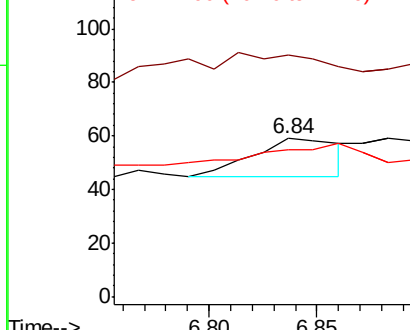
99 100

42 0.0 11.2 16.8#

71 0.0 37.2 55.8#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Tgt Ion: 136 Resp: 2123

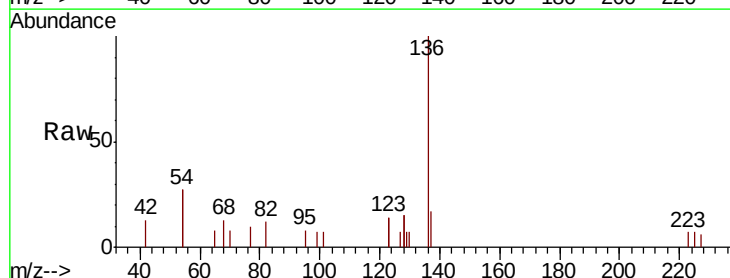
Ion Ratio Lower Upper

136 100

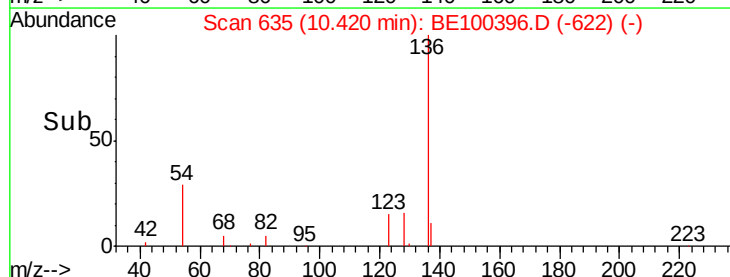
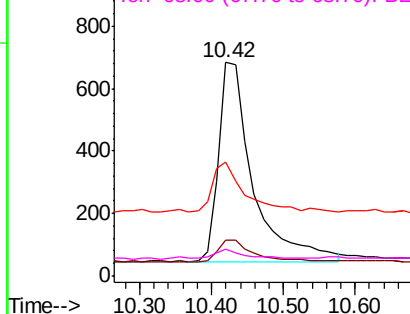
137 16.5 11.8 17.8

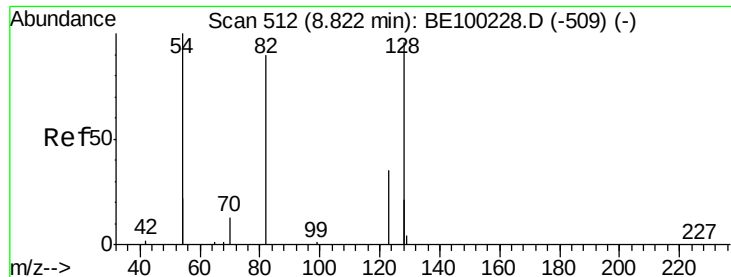
54 53.2 27.7 41.5#

68 12.6 6.8 10.2#



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: 0.031 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.03 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

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EXT-032-SW172-062519

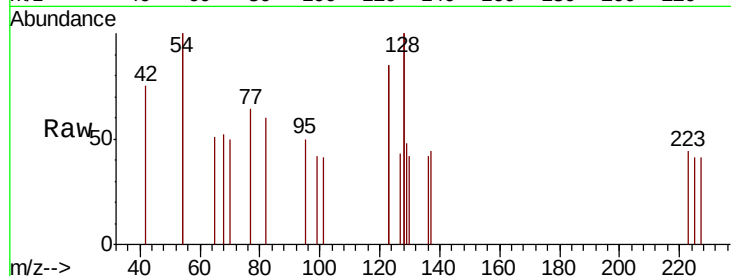
Tgt Ion: 82 Resp: 65

Ion Ratio Lower Upper

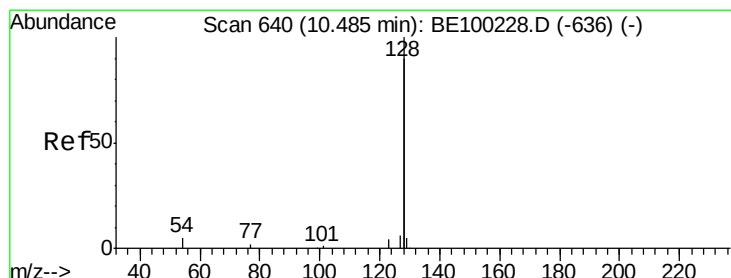
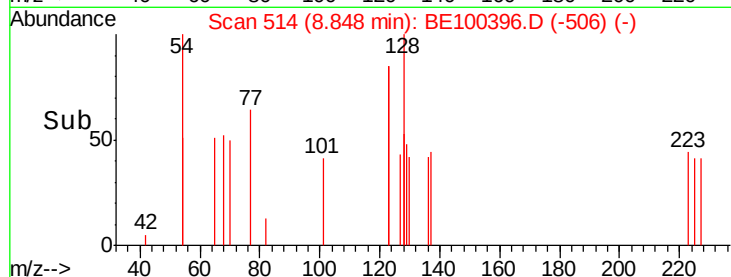
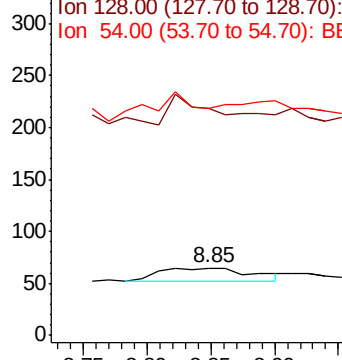
82 100

128 335.4 140.9 211.3#

54 335.4 146.2 219.2#



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: 0.061 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

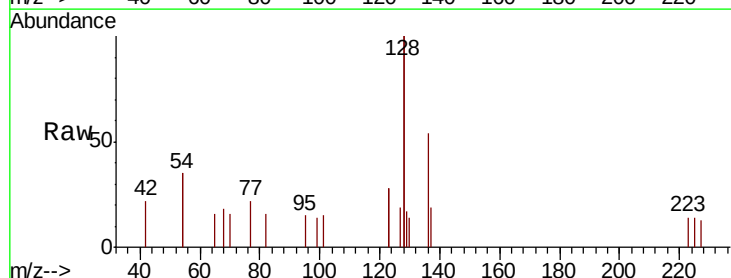
Tgt Ion: 128 Resp: 1420

Ion Ratio Lower Upper

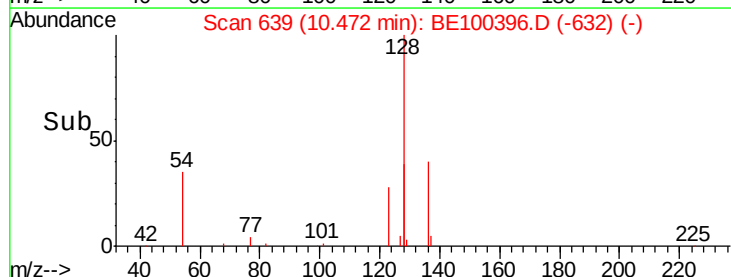
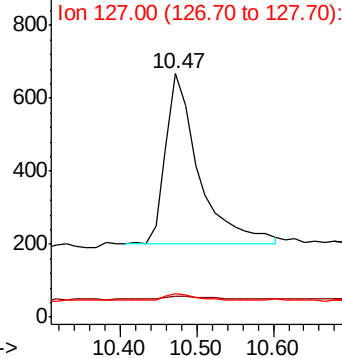
128 100

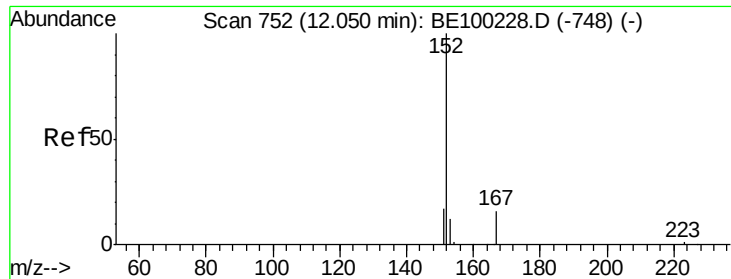
129 8.7 3.0 4.6#

127 9.7 3.5 5.3#



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

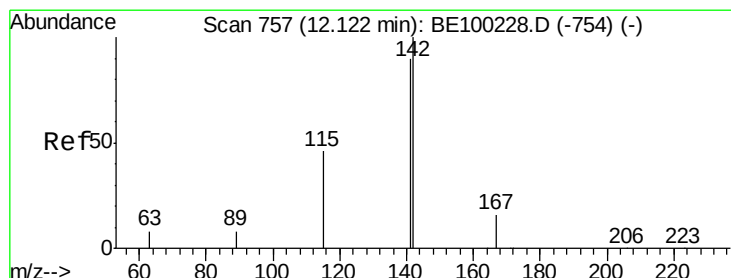
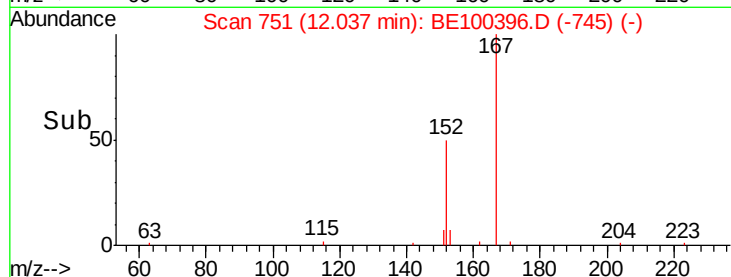
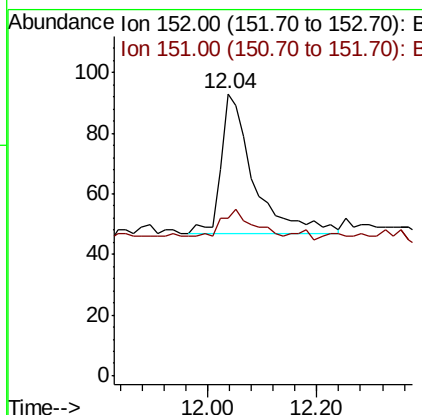
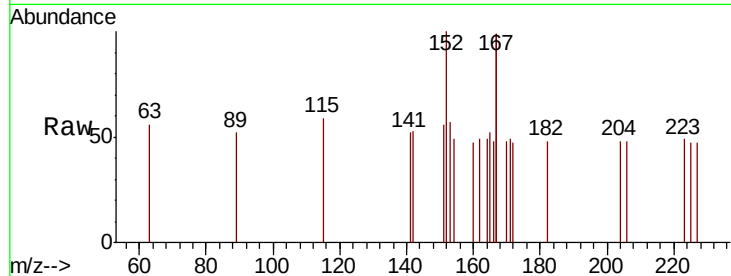




#11
 2-Methylnaphthalene-d10
 Concen: 0.048 ng
 RT: 12.04 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

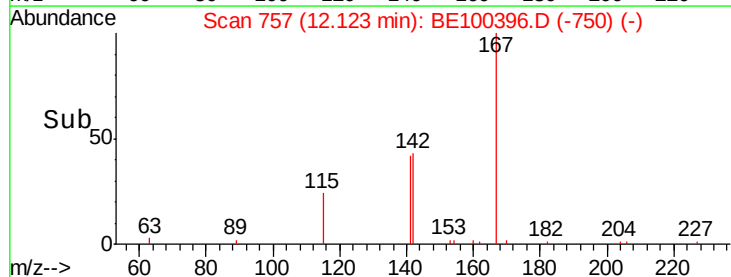
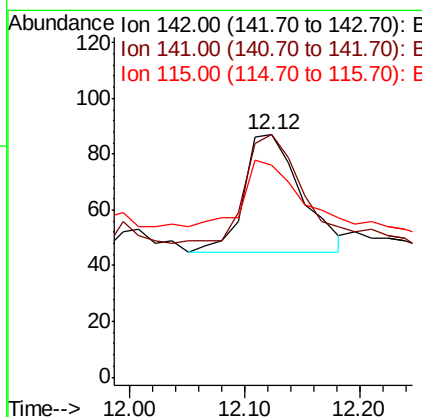
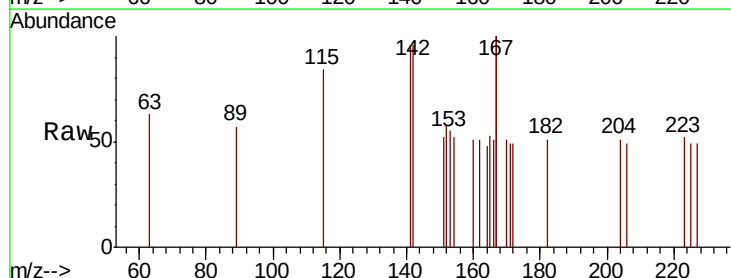
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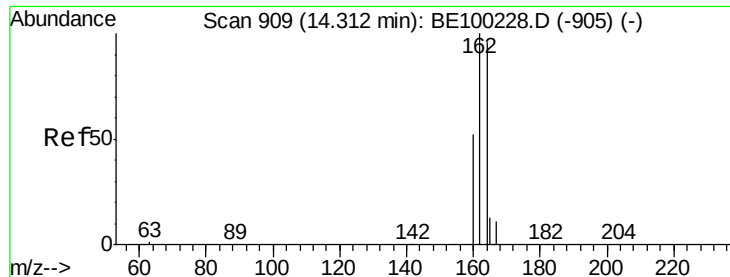
Tgt Ion: 152 Resp: 190
 Ion Ratio Lower Upper
 152 100
 151 17.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.035 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

Tgt Ion: 142 Resp: 144
 Ion Ratio Lower Upper
 142 100
 141 100.0 72.4 108.6
 115 87.4 40.4 60.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 908

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

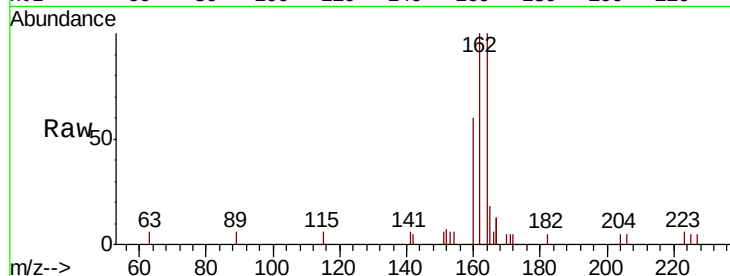
Tgt Ion:164 Resp: 1651

Ion Ratio Lower Upper

164 100

162 99.7 83.4 125.0

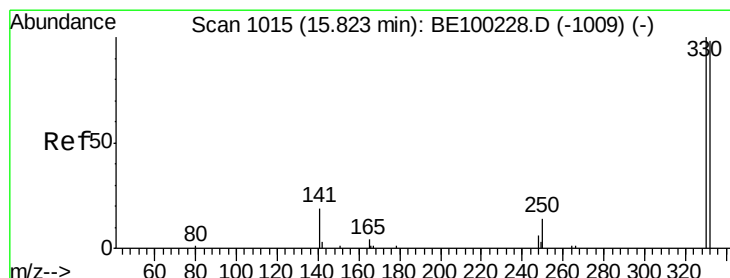
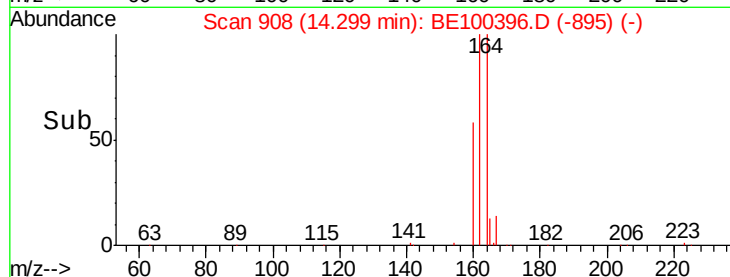
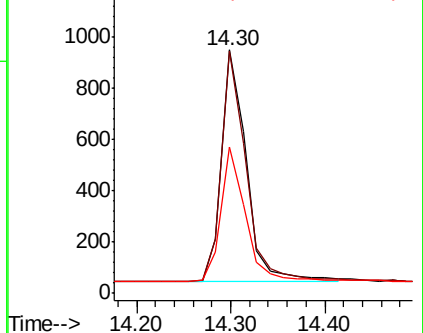
160 60.3 45.0 67.6



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: 0.047 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

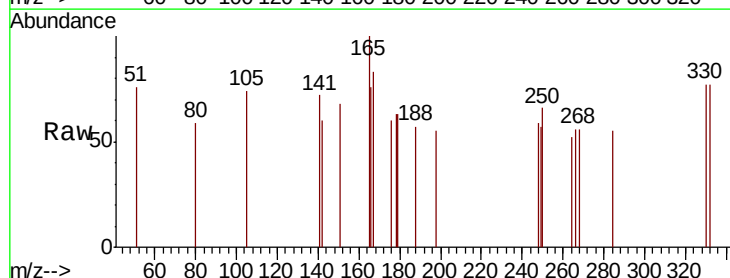
Tgt Ion:330 Resp: 54

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.4

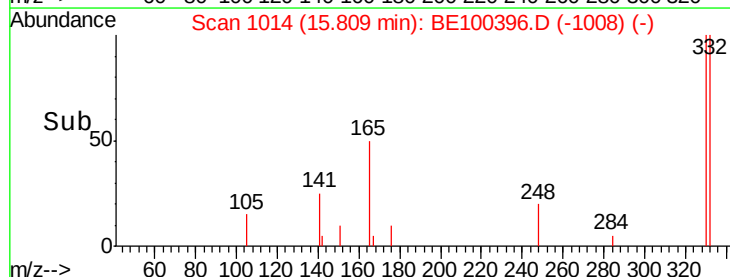
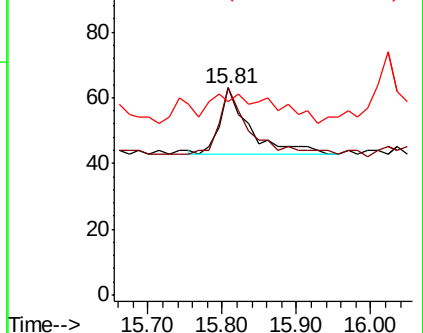
141 103.7 22.0 33.0#

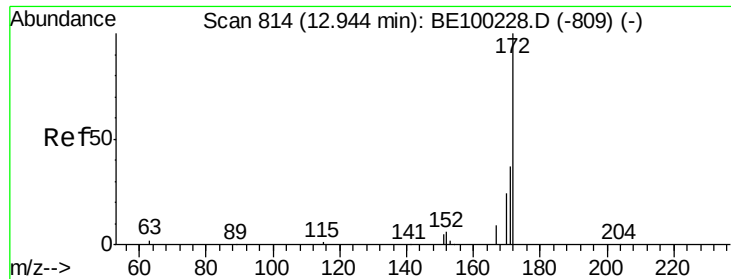


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

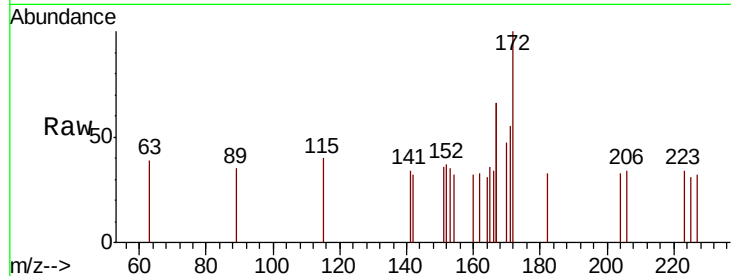




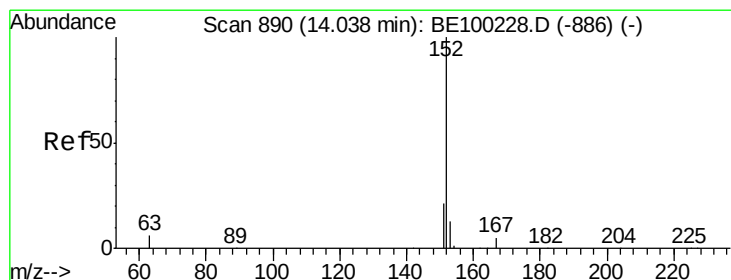
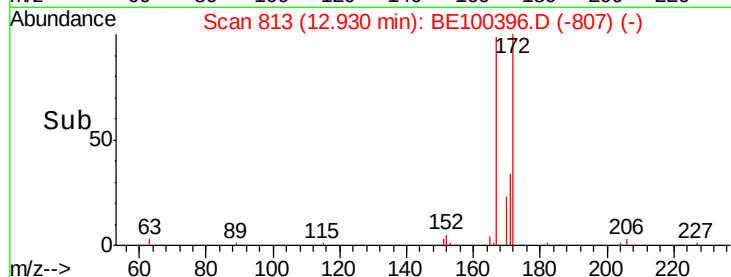
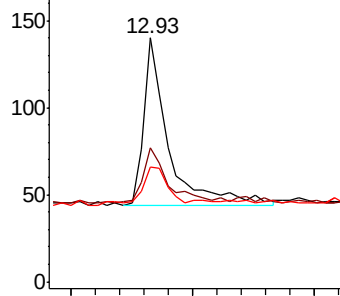
#15
2-Fluorobiphenyl
Concen: 0.042 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:172 Resp: 271
Ion Ratio Lower Upper
172 100
171 55.0 31.9 47.9#
170 47.1 22.2 33.2#

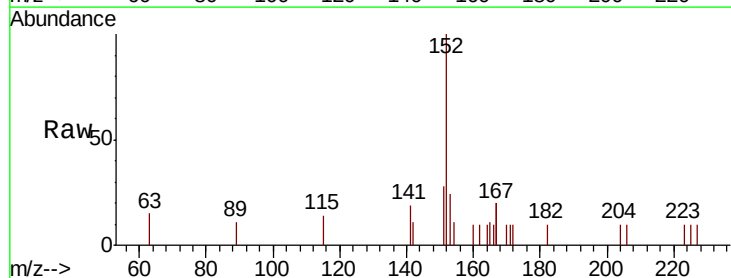


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

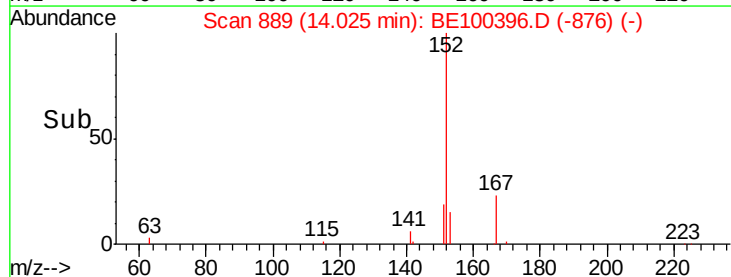
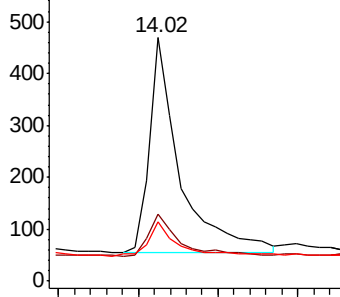


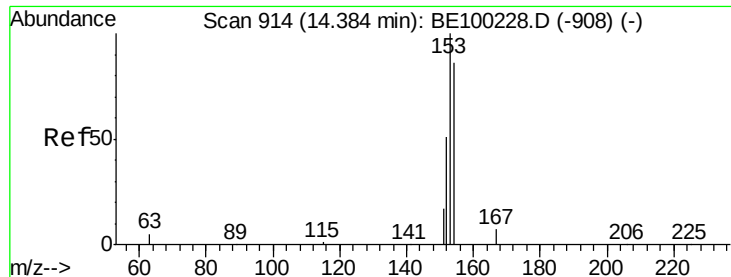
#16
Acenaphthylene
Concen: 0.140 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:152 Resp: 1106
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 15.3 10.5 15.7



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: 0.033 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

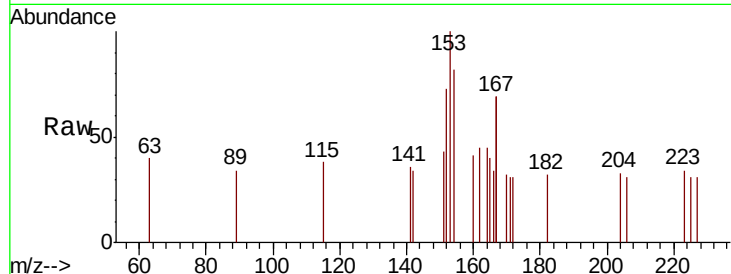
Tgt Ion:154 Resp: 148

Ion Ratio Lower Upper

154 100

153 133.1 93.4 140.2

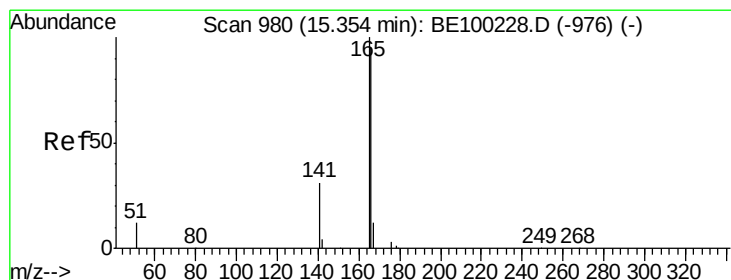
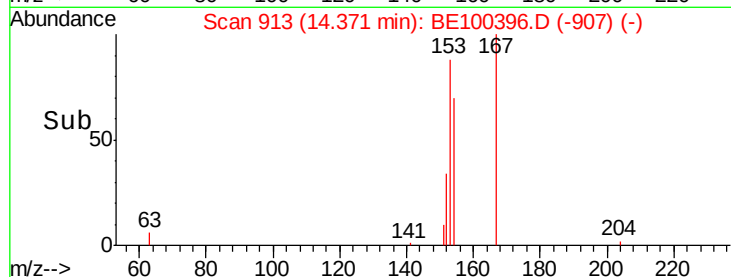
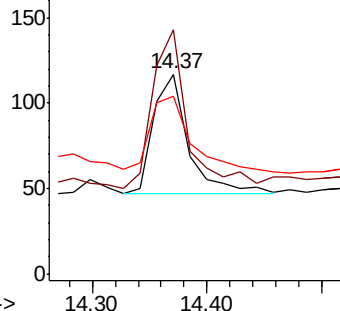
152 72.3 49.4 74.2



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: 0.047 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

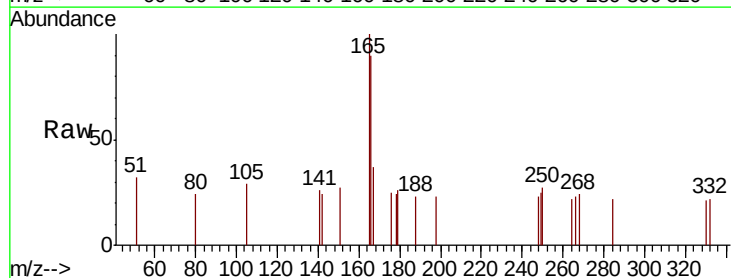
Tgt Ion:166 Resp: 311

Ion Ratio Lower Upper

166 100

165 110.3 81.1 121.7

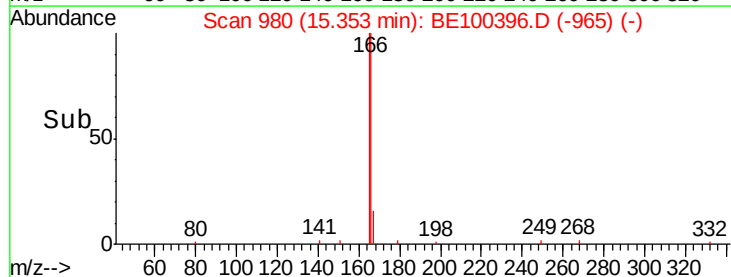
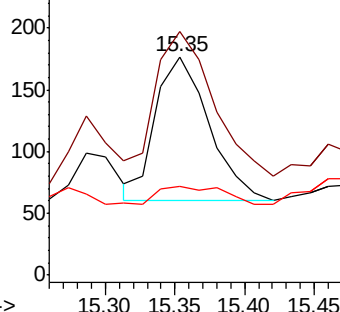
167 17.4 10.7 16.1#

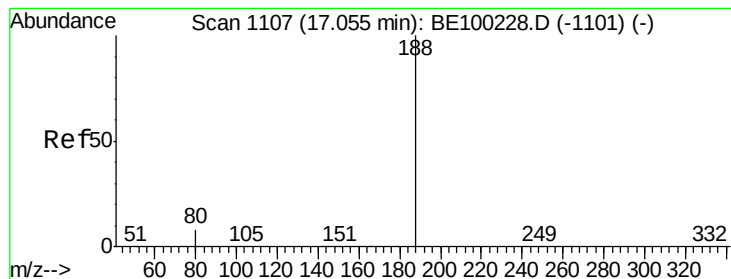


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

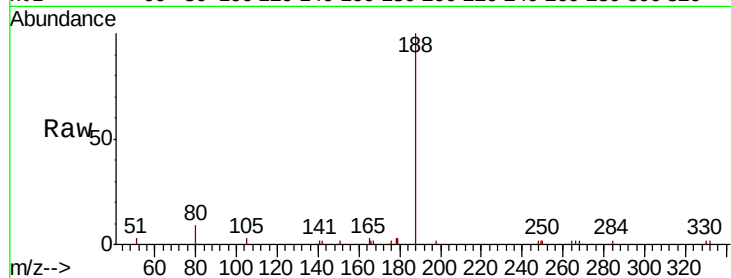
Tgt Ion:188 Resp: 5117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

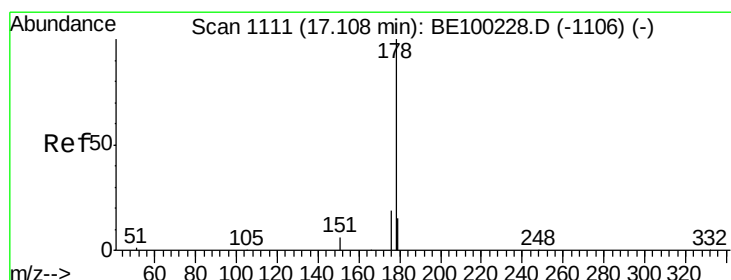
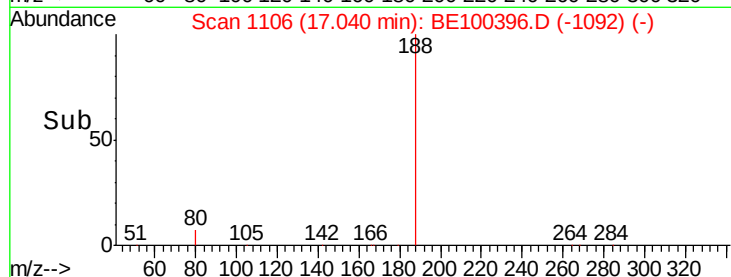
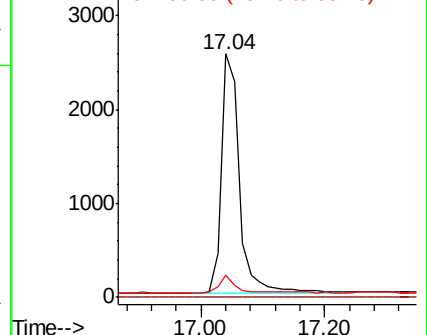
80 9.1 7.6 11.4



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



#23

Phenanthrene

Concen: 1.064 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

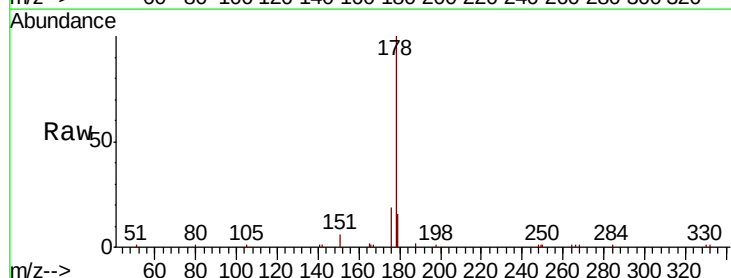
Tgt Ion:178 Resp: 13199

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

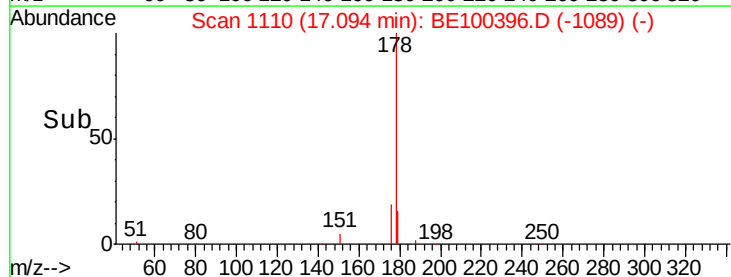
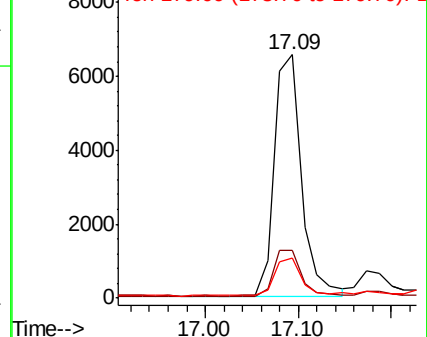
179 16.0 12.2 18.2

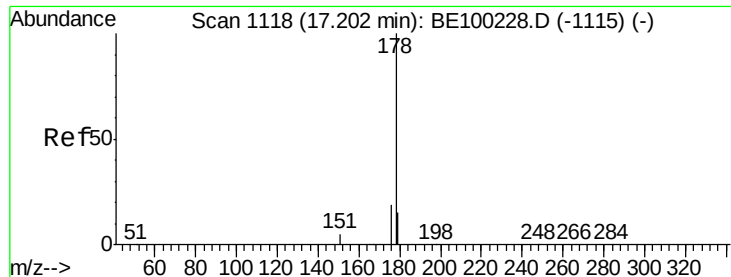


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.116 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

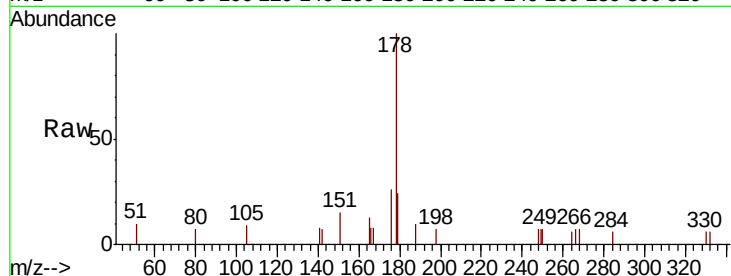
Tgt Ion:178 Resp: 1296

Ion Ratio Lower Upper

178 100

176 20.8 15.3 22.9

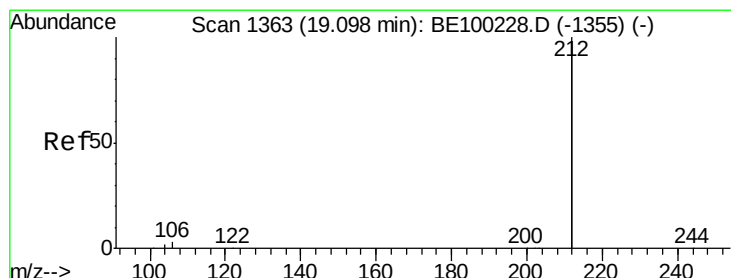
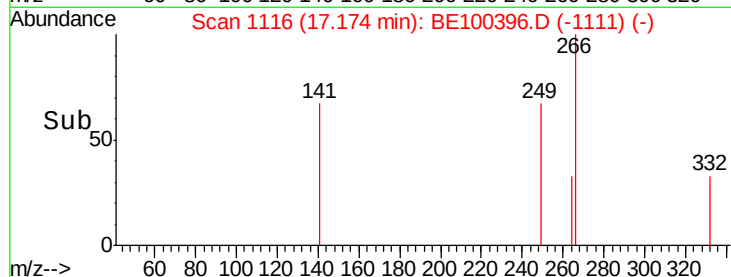
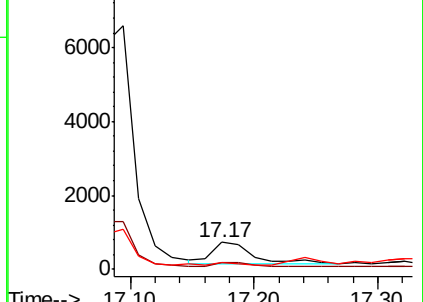
179 7.1 12.2 18.2#



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: 0.033 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

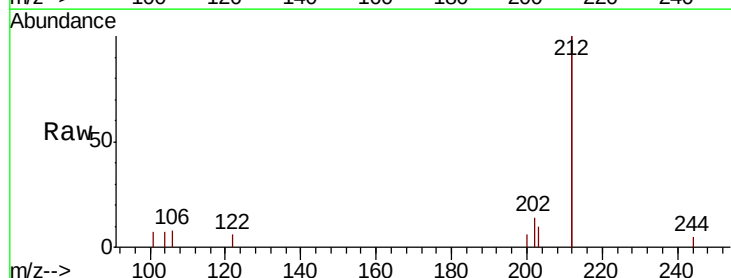
Tgt Ion:212 Resp: 2427

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

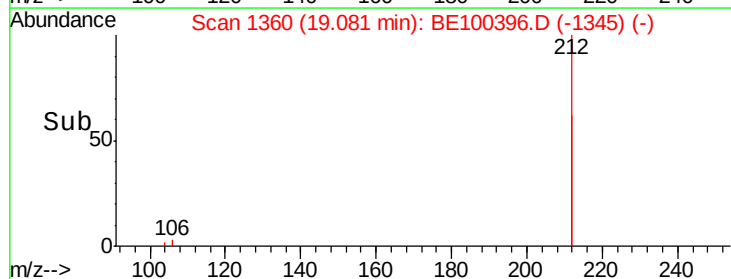
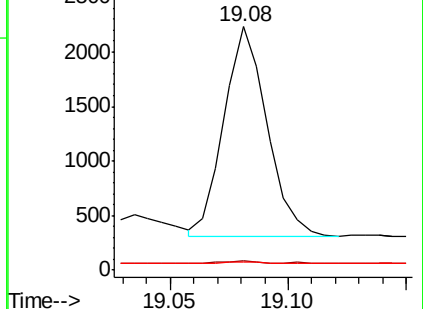
104 1.2 0.8 1.2#

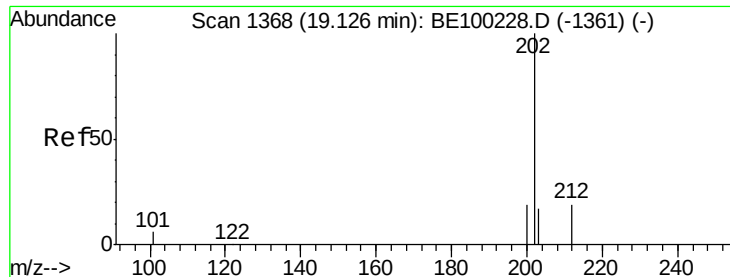


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

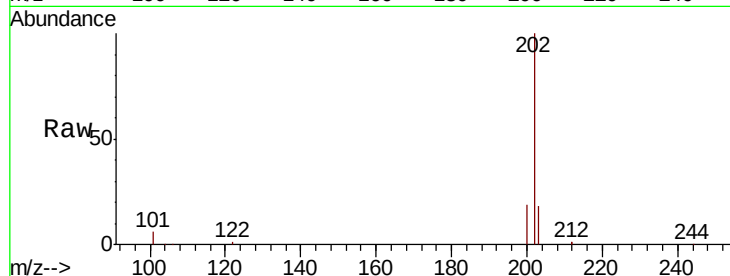




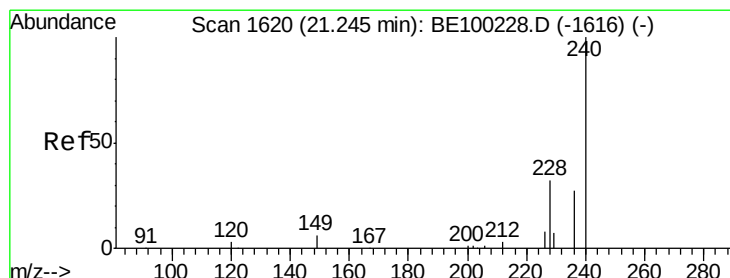
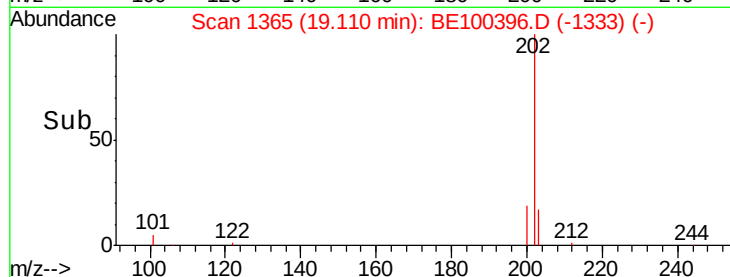
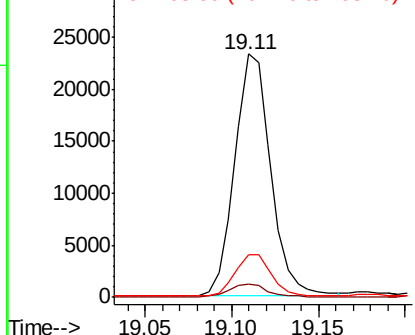
#26
 Fluoranthene
 Concen: 1.708 ng
 RT: 19.11 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

Instrument :
 BNA_E
 ClientSampleId :
 EXT-032-SW172-062519

Tgt Ion: 202 Resp: 33744
 Ion Ratio Lower Upper
 202 100
 101 5.3 4.6 7.0
 203 17.6 13.7 20.5

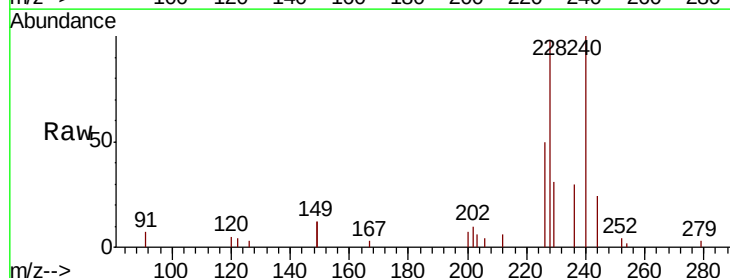


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

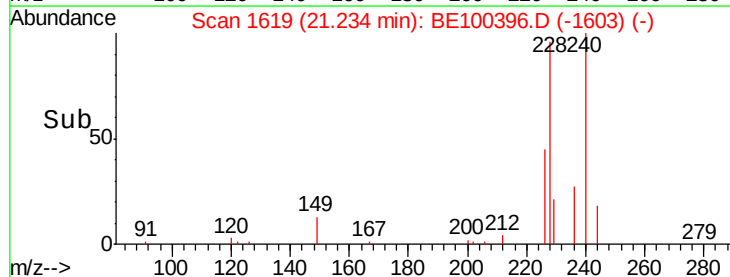
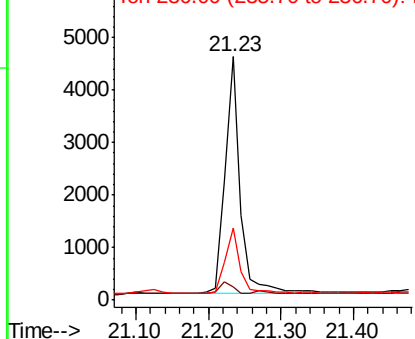


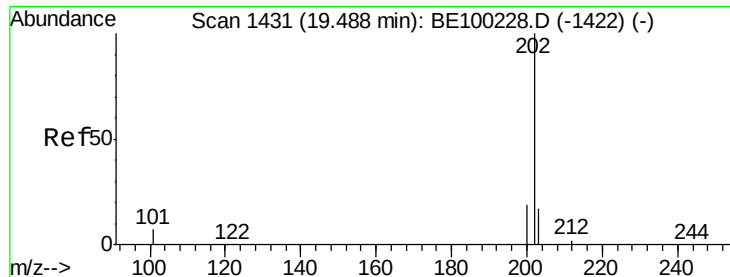
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

Tgt Ion: 240 Resp: 6620
 Ion Ratio Lower Upper
 240 100
 120 5.2 3.3 4.9#
 236 29.6 22.6 34.0



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

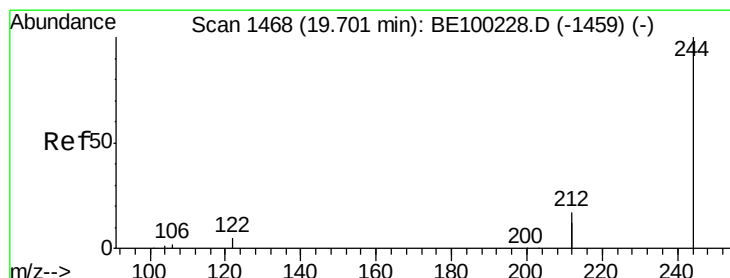
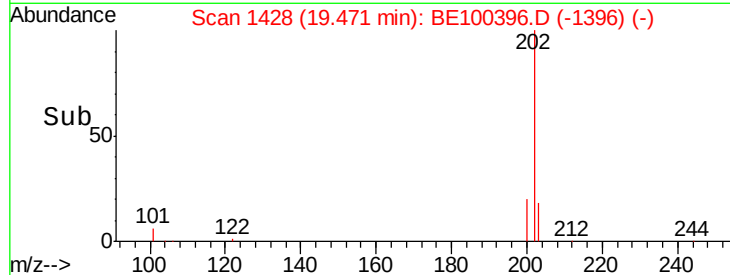
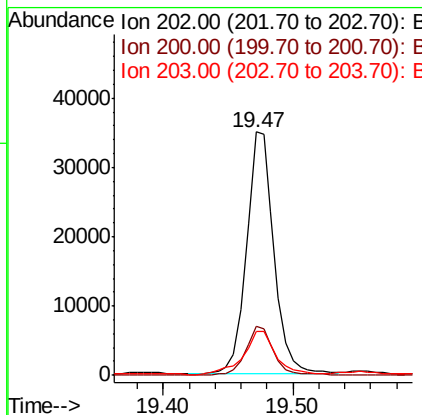
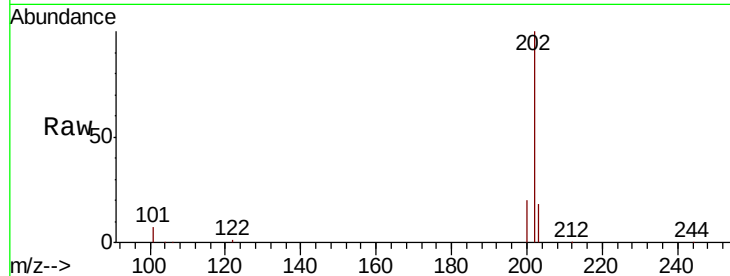




#28
 Pyrene
 Concen: 2.932 ng
 RT: 19.47 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

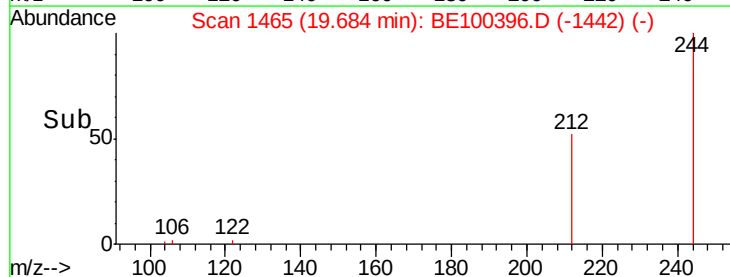
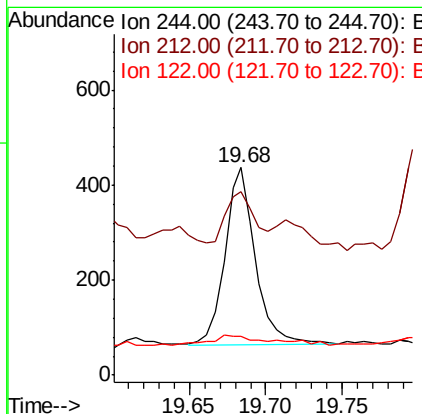
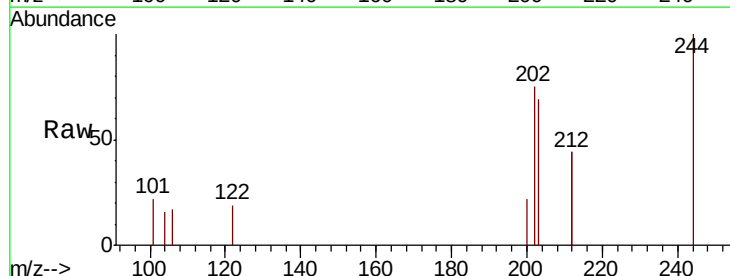
Instrument :
 BNA_E
 ClientSampleId :
 EXT-032-SW172-062519

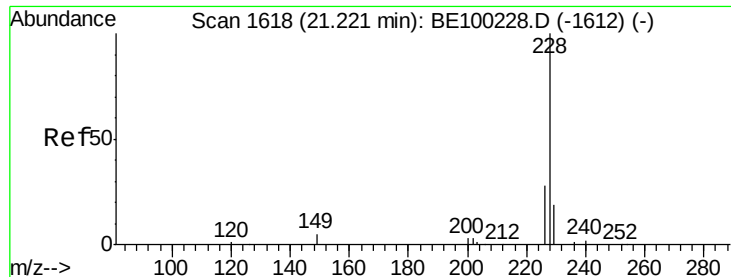
Tgt Ion:	202	Resp:	51396
Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	20.7	14.0	21.0



#29
 Terphenyl-d14
 Concen: 0.038 ng
 RT: 19.68 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BE100396.D
 Acq: 6 Jul 2019 00:38

Tgt Ion:	244	Resp:	521
Ion	Ratio	Lower	Upper
244	100		
212	88.5	27.3	40.9#
122	19.0	4.7	7.1#





#30

Benzo(a)anthracene

Concen: 1.142 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

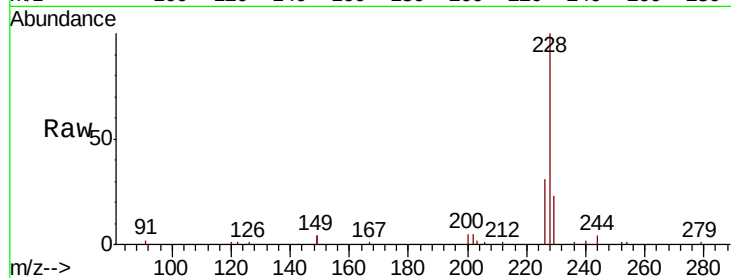
Tgt Ion:228 Resp: 24853

Ion Ratio Lower Upper

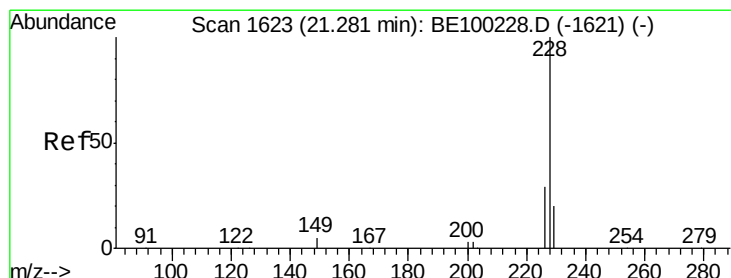
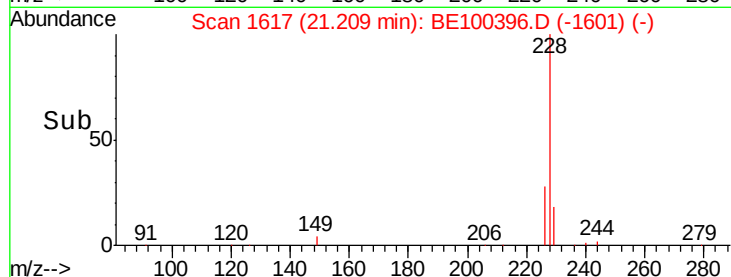
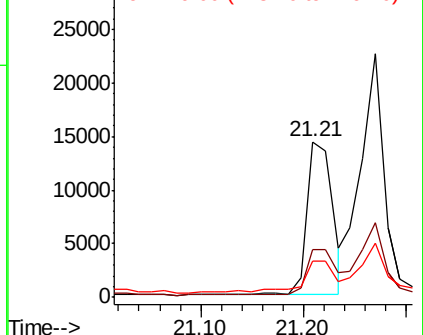
228 100

226 30.6 23.2 34.8

229 23.1 15.7 23.5



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



#31

Chrysene

Concen: 1.611 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

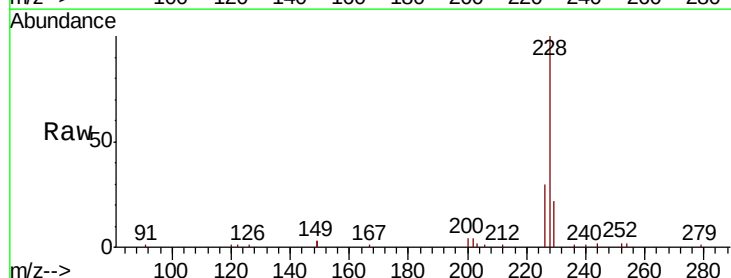
Tgt Ion:228 Resp: 35213

Ion Ratio Lower Upper

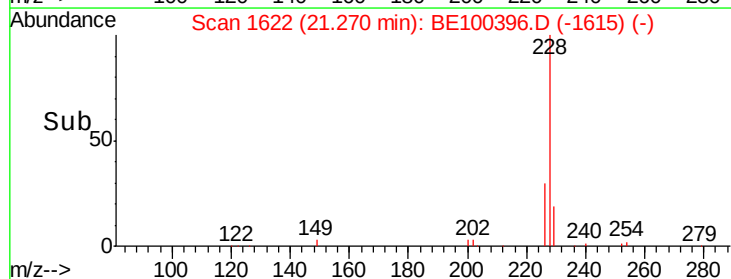
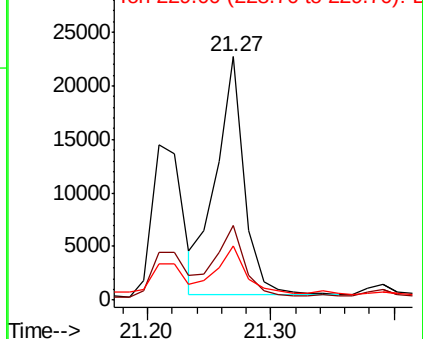
228 100

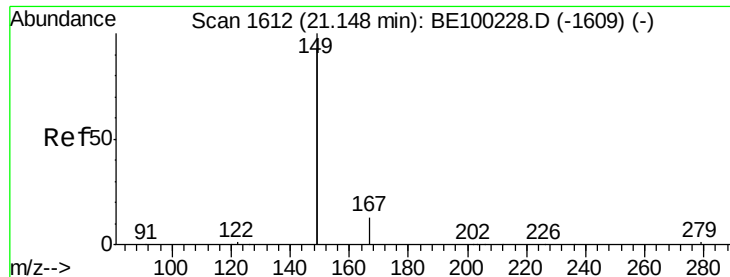
226 30.5 23.9 35.9

229 22.3 16.5 24.7



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: 0.067 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

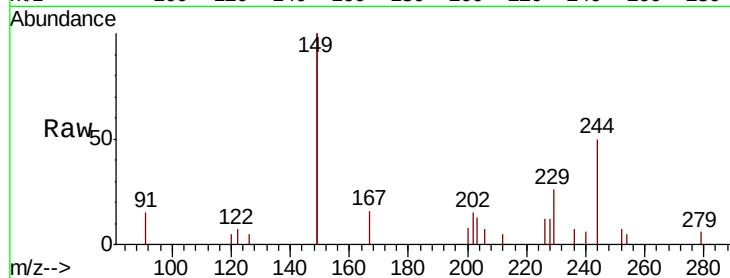
Tgt Ion:149 Resp: 3821

Ion Ratio Lower Upper

149 100

167 8.3 5.8 8.8

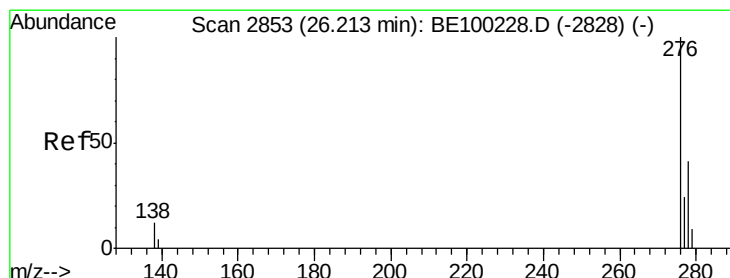
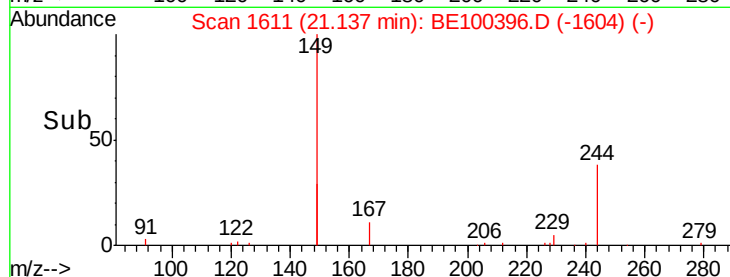
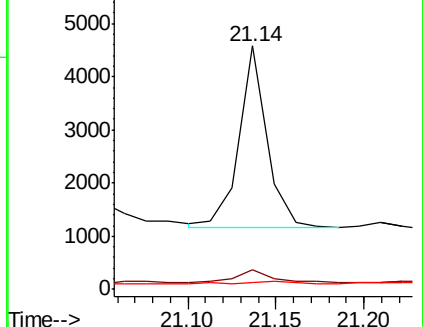
279 2.0 1.1 1.7#



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: 0.519 ng

RT: 26.20 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

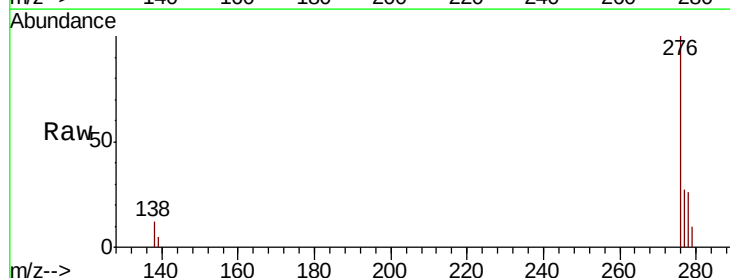
Tgt Ion:276 Resp: 14990

Ion Ratio Lower Upper

276 100

138 8.3 9.4 14.0#

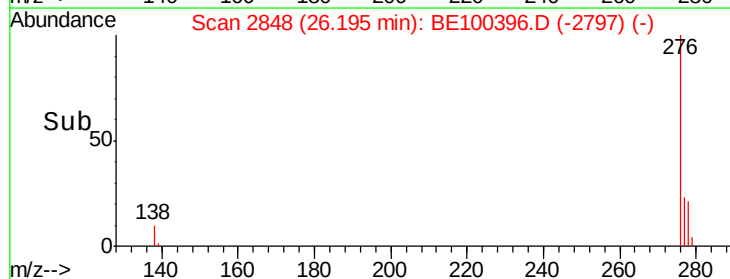
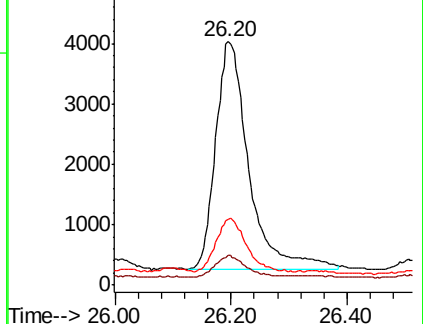
277 20.8 19.2 28.8

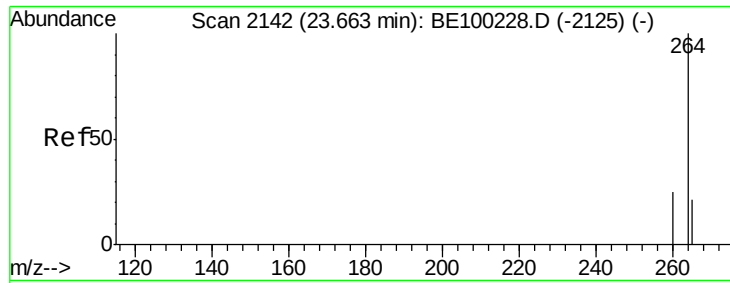


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

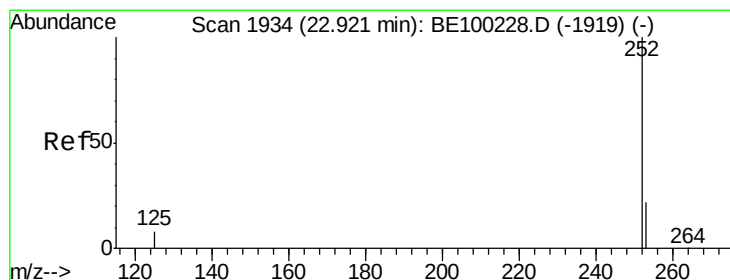
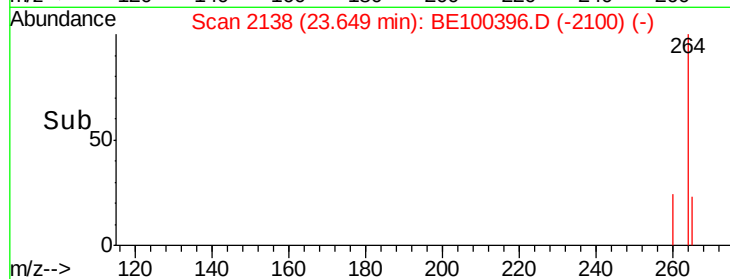
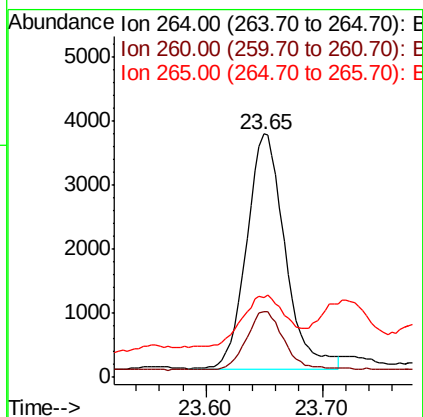
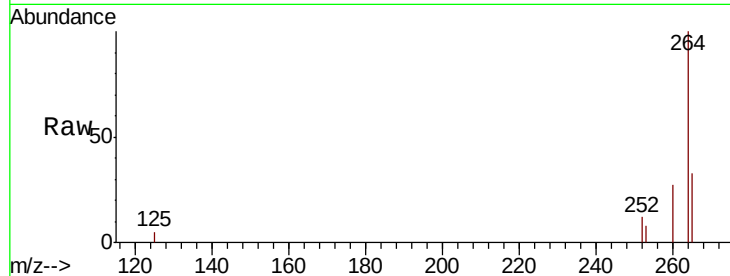




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

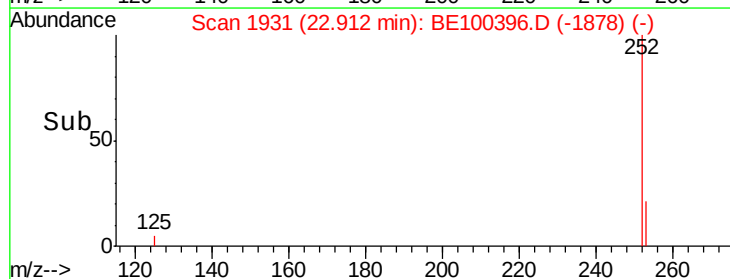
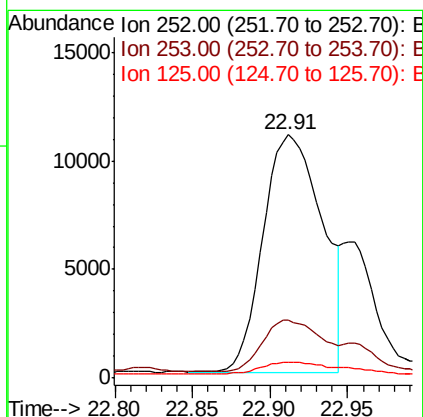
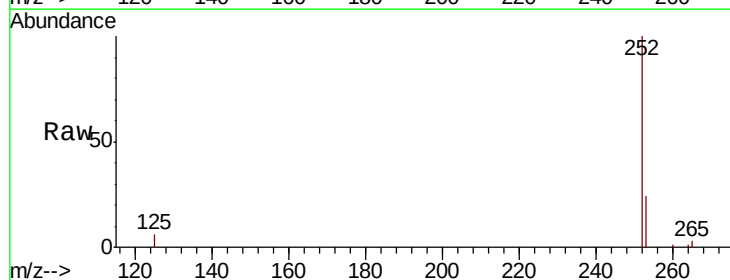
Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

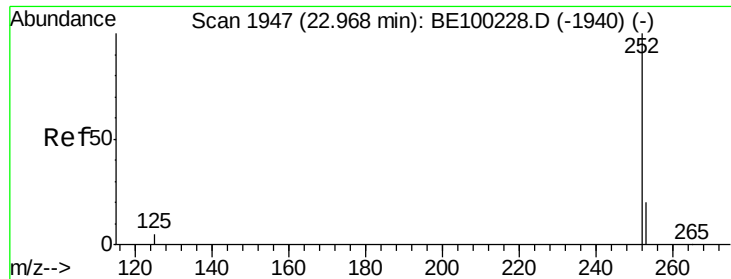
Tgt Ion: 264 Resp: 8400
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 32.7 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 1.271 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion: 252 Resp: 28947
Ion Ratio Lower Upper
252 100
253 23.9 19.2 28.8
125 6.3 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 1.139 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

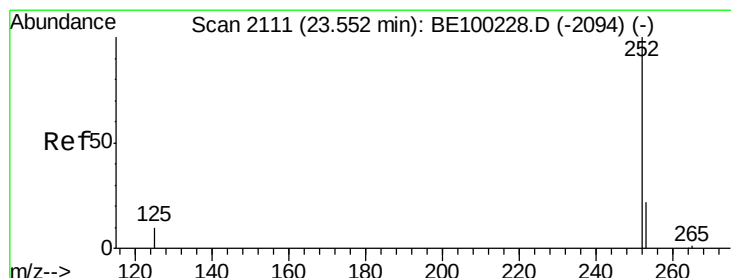
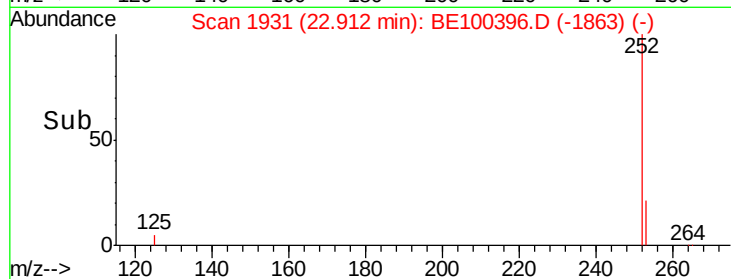
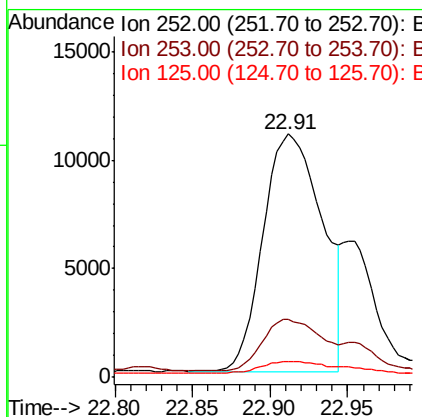
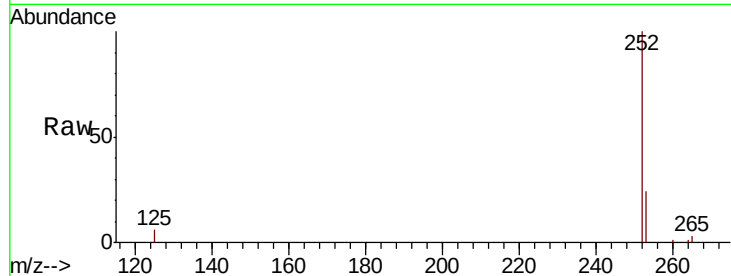
Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

Tgt Ion:	252	Resp:	28947
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	6.3	5.0	7.4



#37

Benzo(a)pyrene

Concen: 0.182 ng

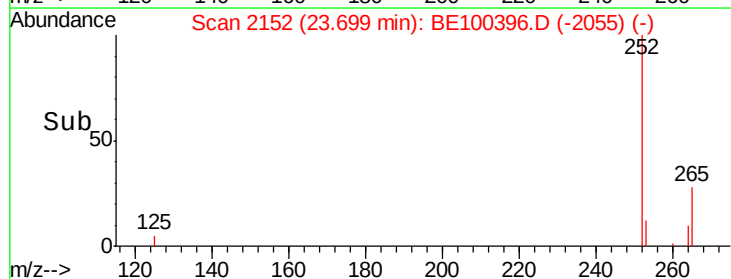
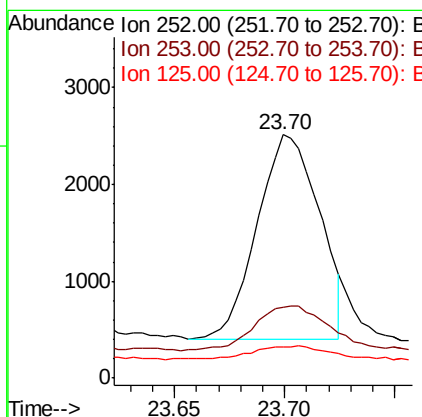
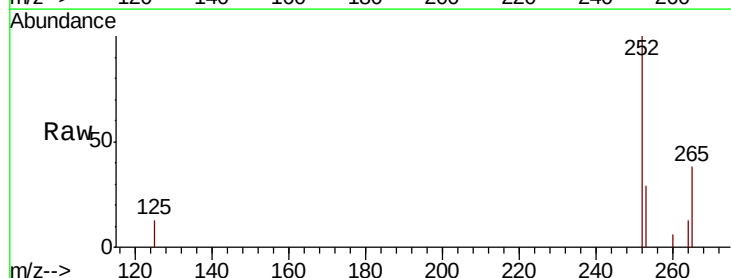
RT: 23.70 min Scan# 2152

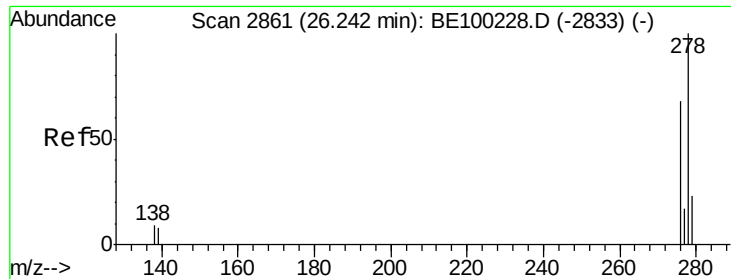
Delta R.T. 0.15 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Tgt Ion:	252	Resp:	4149
Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.6	29.4
125	12.8	9.0	13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.158 ng

RT: 26.22 min Scan# 2854

Delta R.T. -0.03 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

Instrument :

BNA_E

ClientSampleId :

EXT-032-SW172-062519

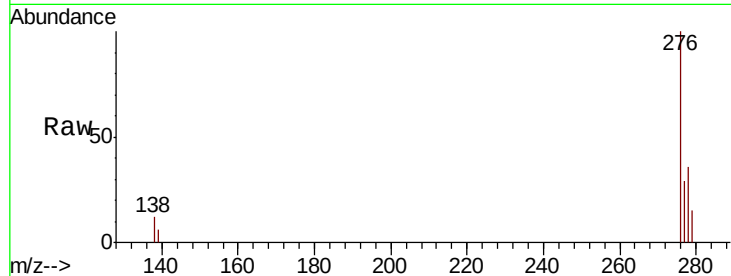
Tgt Ion: 278 Resp: 3765

Ion Ratio Lower Upper

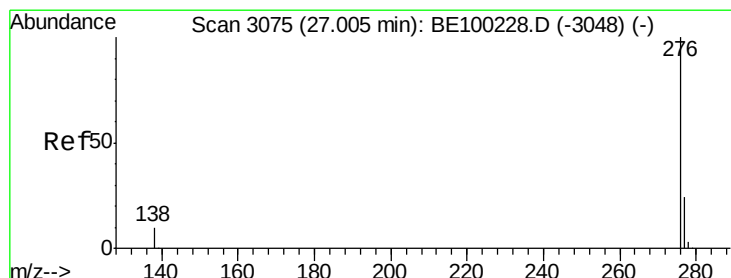
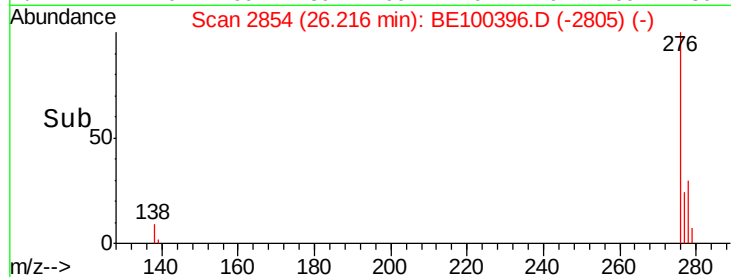
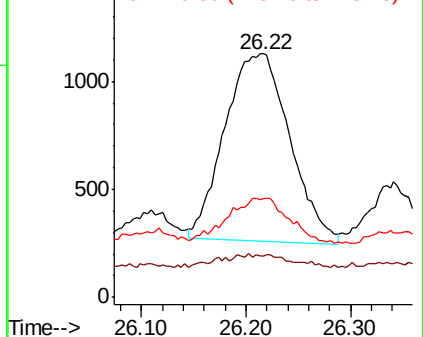
278 100

139 17.0 8.2 12.2#

279 40.5 20.3 30.5#



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: 0.714 ng

RT: 26.99 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100396.D

Acq: 6 Jul 2019 00:38

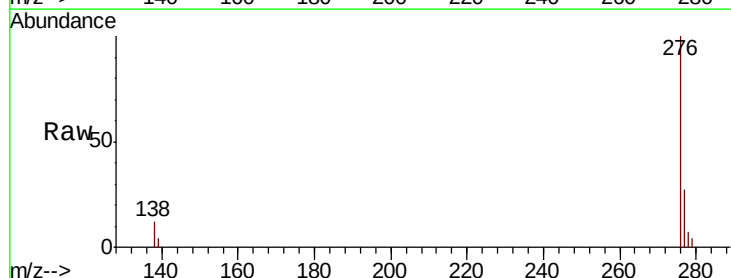
Tgt Ion: 276 Resp: 17491

Ion Ratio Lower Upper

276 100

277 26.7 20.2 30.2

138 11.5 9.0 13.6



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

