

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100307.D
 Acq On : 2 Jul 2019 18:03
 Operator : JU/SJ
 Sample : K3428-03DL 25X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW168-061319DL

Quant Time: Jul 03 02:13:26 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

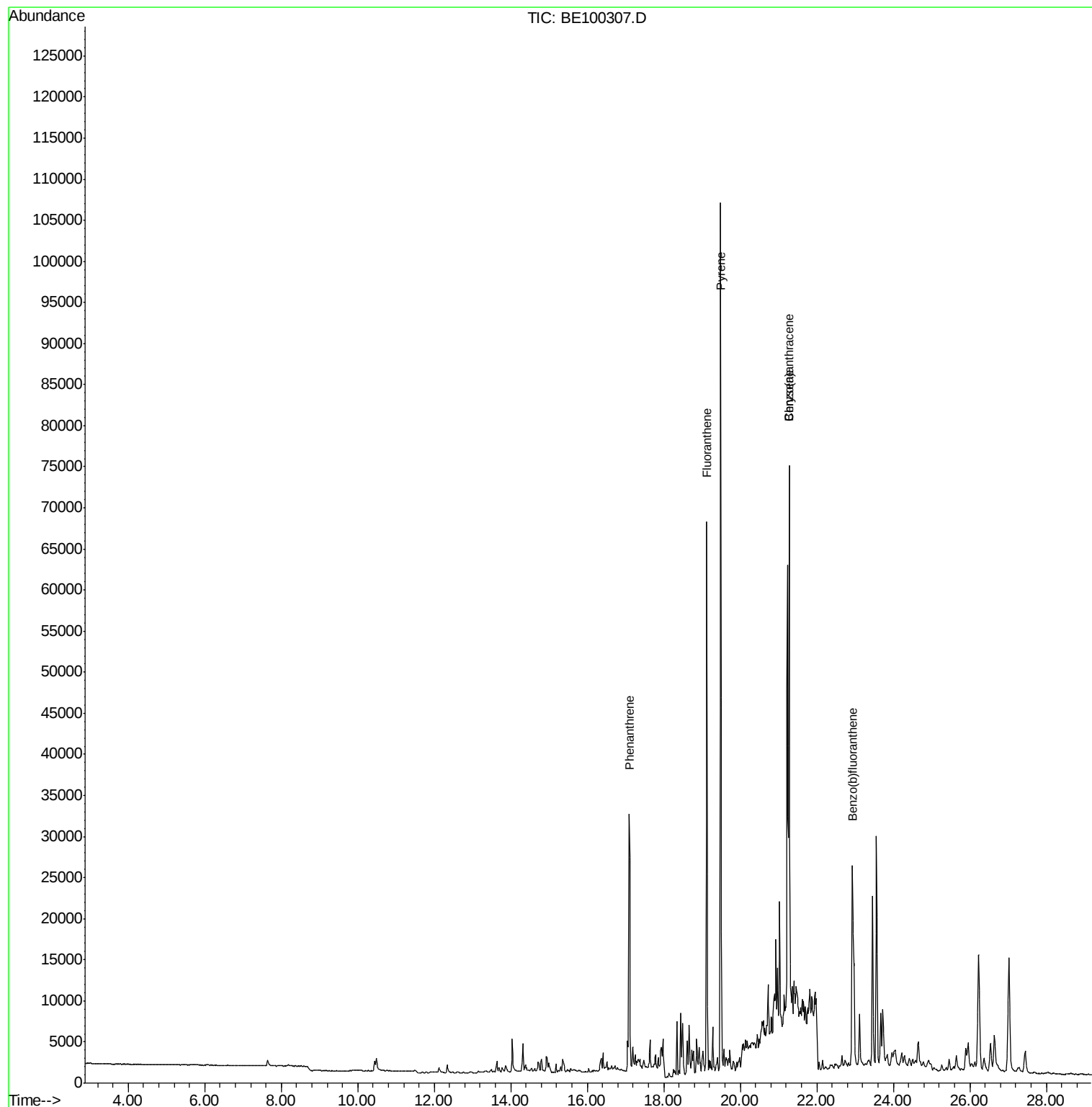
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	608	0.40	ng	0.01
7) Naphthalene-d8	10.44	136	2370	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2045	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5797	0.40	ng	0.00
27) Chrysene-d12	21.25	240	7745	0.40	ng	0.00
34) Perylene-d12	23.67	264	9053	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	16	0.01	ng	0.01
5) Phenol-d6	6.80	99	1	0.00	ng	-0.04
8) Nitrobenzene-d5	8.86	82	16	0.01	ng	0.04
11) 2-Methylnaphthalene-d10	12.05	152	100	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	13	0.01	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	65	0.01	ng	0.00
25) Fluoranthene-d10	19.10	212	1479	0.02	ng	0.00
29) Terphenyl-d14	19.70	244	420	0.03	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.09	178	38011	2.705	ng	99
26) Fluoranthene	19.13	202	61165	2.733	ng	98
28) Pyrene	19.49	202	98140	4.786	ng	96
30) Benzo(a)anthracene	21.28	228	61528	2.416	ng	95
31) Chrysene	21.28	228	60874	2.381	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	1492	Below Cal	#	98
35) Benzo(b)fluoranthene	22.93	252	49413	2.013	ng	# 97

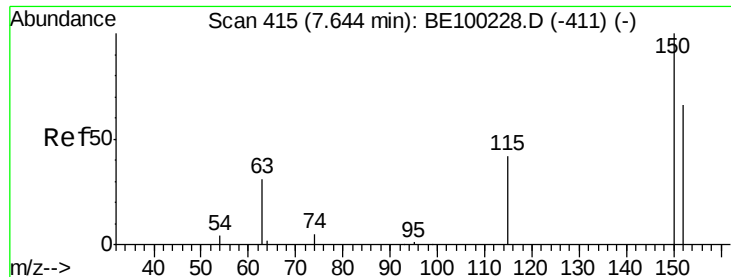
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 14:06:53 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 416

Delta R.T. 0.01 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

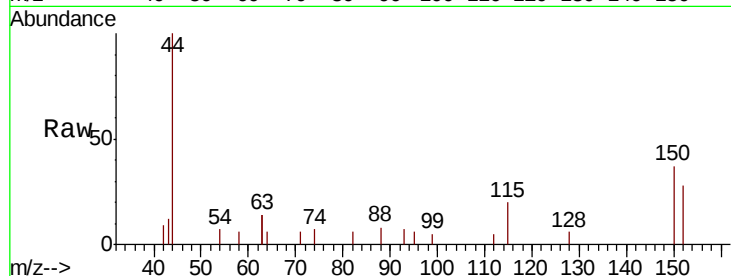
Tgt Ion:152 Resp: 608

Ion Ratio Lower Upper

152 100

150 130.9 114.5 171.7

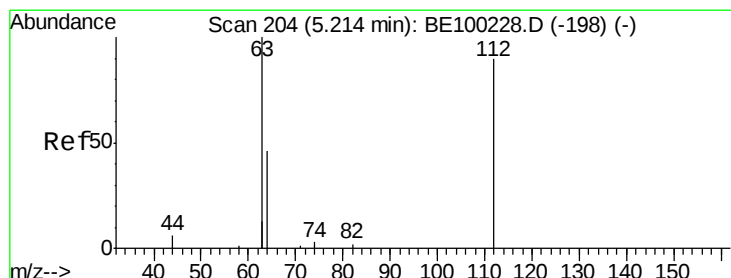
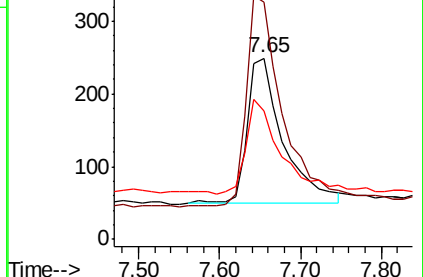
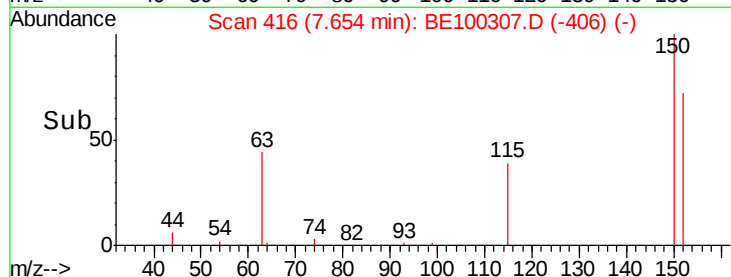
115 70.7 57.1 85.7



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



#4

2-Fluorophenol

Concen: 0.010 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

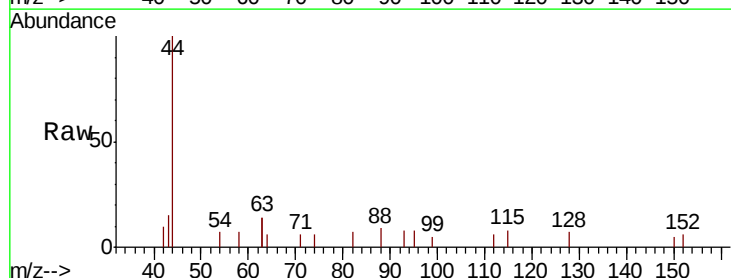
Tgt Ion:112 Resp: 16

Ion Ratio Lower Upper

112 100

64 93.8 39.4 59.0#

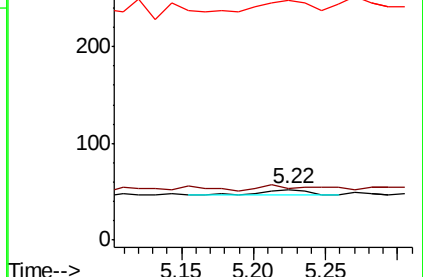
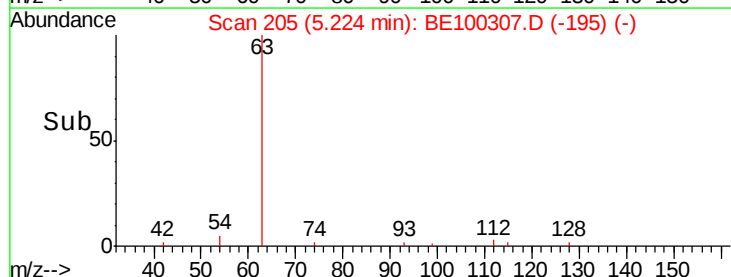
63 175.0 104.5 156.7#



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: 0.000 ng

RT: 6.80 min Scan# 342

Delta R.T. -0.04 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

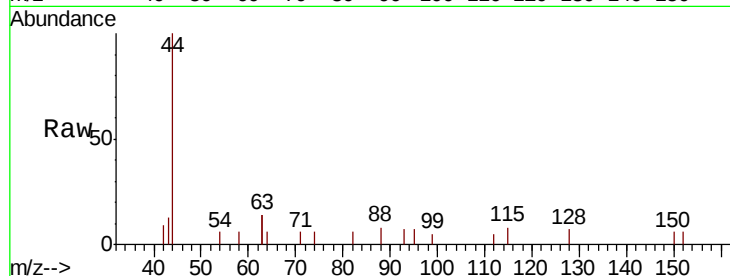
BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

Tgt Ion: 99 Resp: 1

Ion	Ratio	Lower	Upper
99	100		
42	1000.0	11.2	16.8#
71	0.0	37.2	55.8#

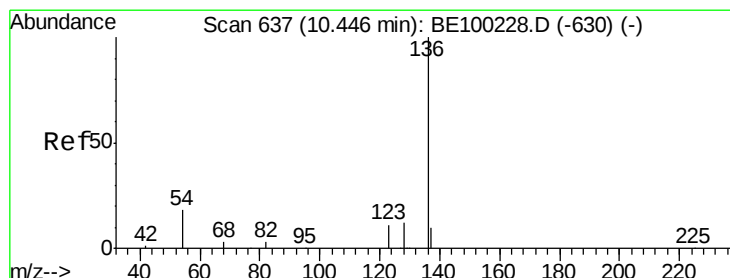
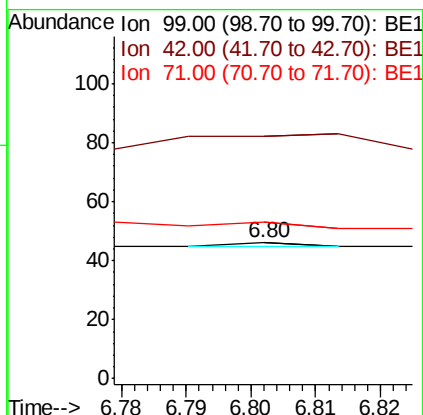
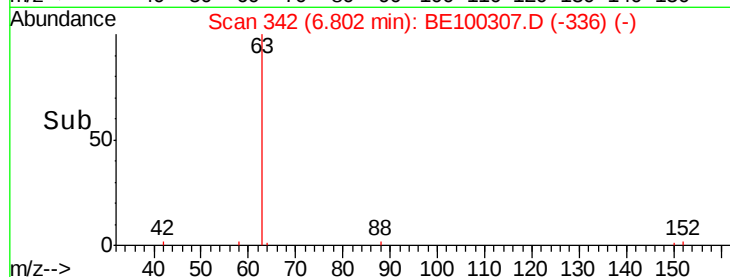


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time--> 6.78 6.79 6.80 6.81 6.82



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 637

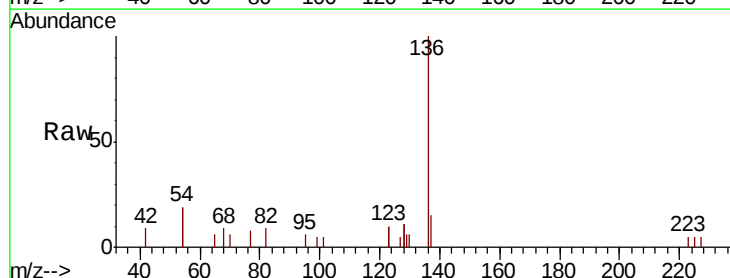
Delta R.T. -0.00 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Tgt Ion: 136 Resp: 2370

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.8	17.8
54	38.0	27.7	41.5
68	9.3	6.8	10.2



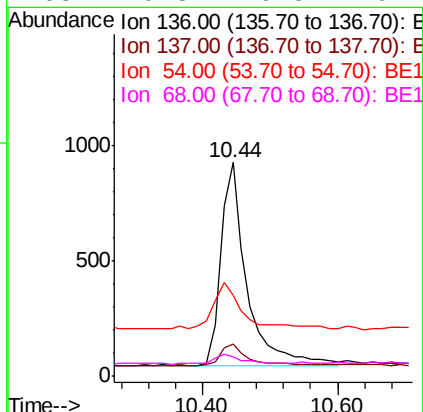
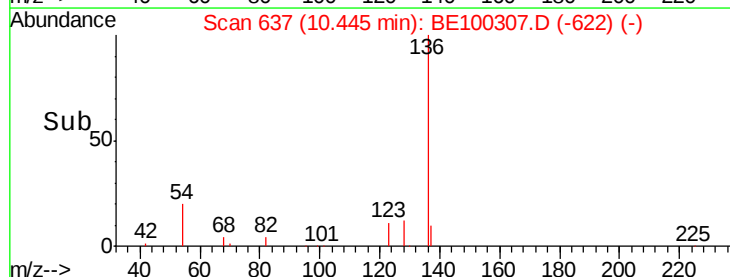
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

Time--> 10.40 10.44 10.48 10.52 10.56 10.60





#8

Nitrobenzene-d5

Concen: 0.007 ng

RT: 8.86 min Scan# 515

Delta R.T. 0.04 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

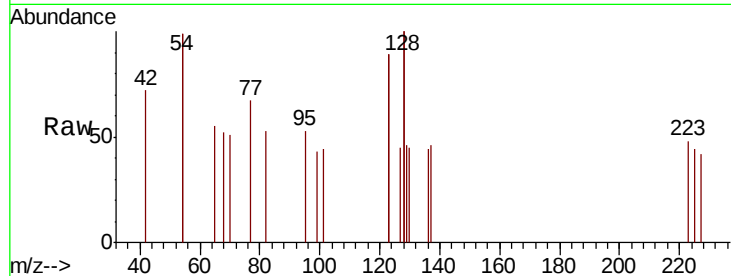
Tgt Ion: 82 Resp: 16

Ion Ratio Lower Upper

82 100

128 375.4 140.9 211.3#

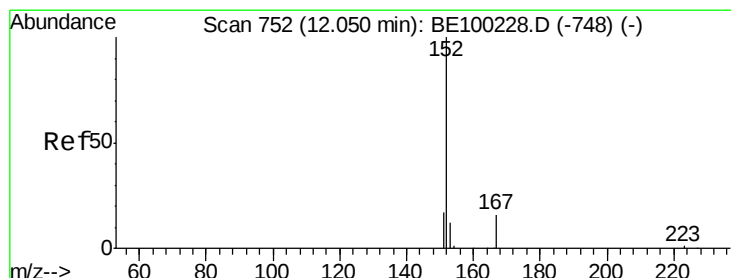
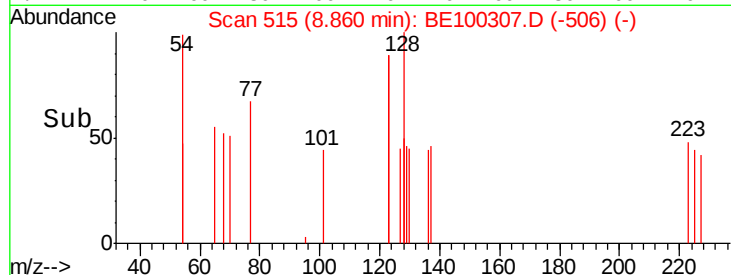
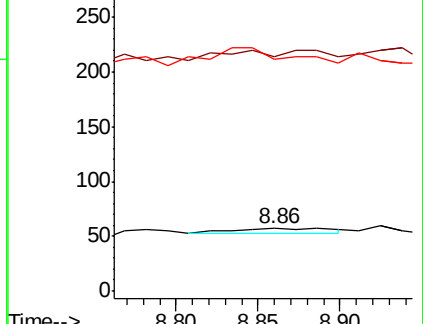
54 371.9 146.2 219.2#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.022 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100307.D

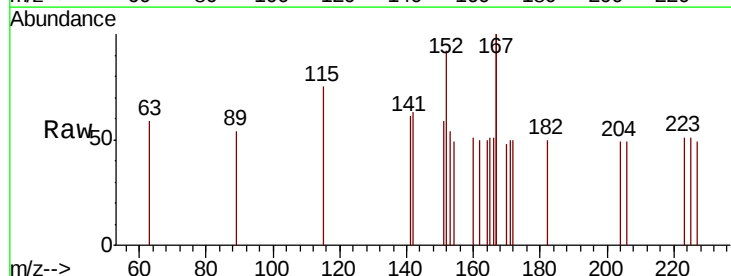
Acq: 2 Jul 2019 18:03

Tgt Ion: 152 Resp: 100

Ion Ratio Lower Upper

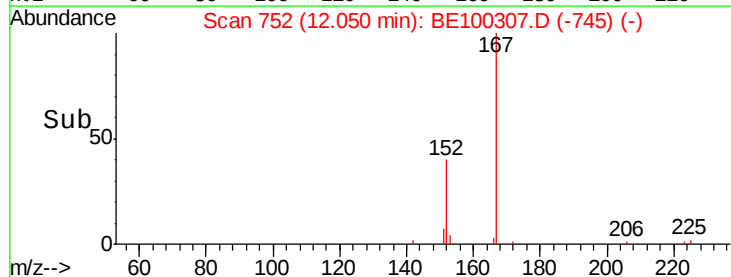
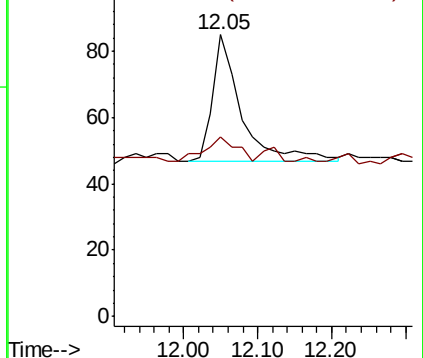
152 100

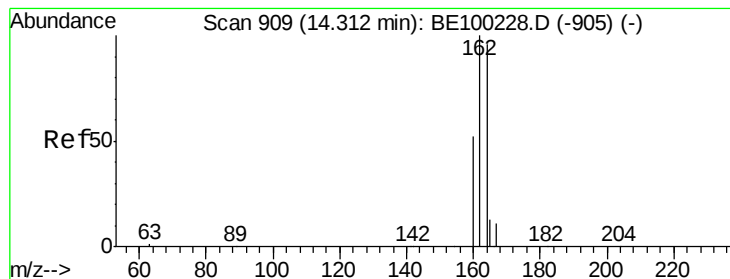
151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

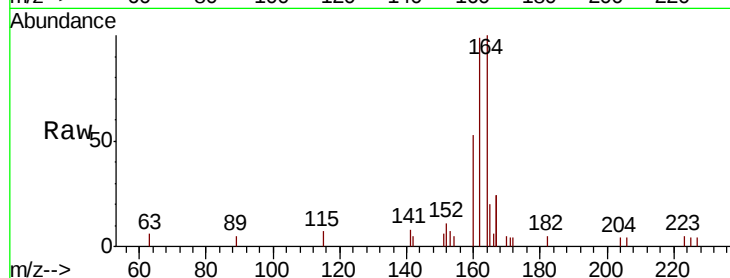
Tgt Ion:164 Resp: 2045

Ion Ratio Lower Upper

164 100

162 98.8 83.4 125.0

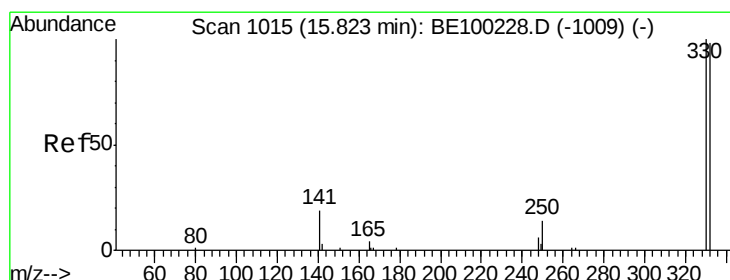
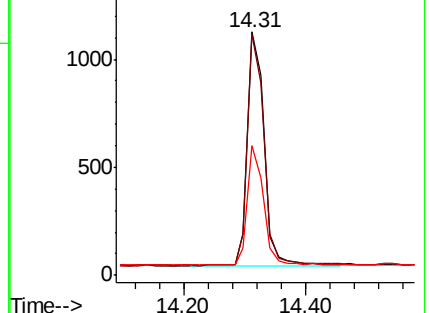
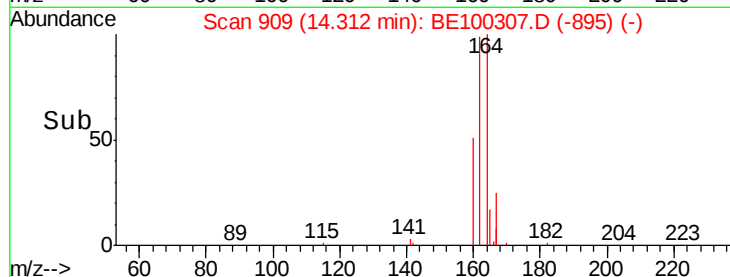
160 53.1 45.0 67.6



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: 0.009 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

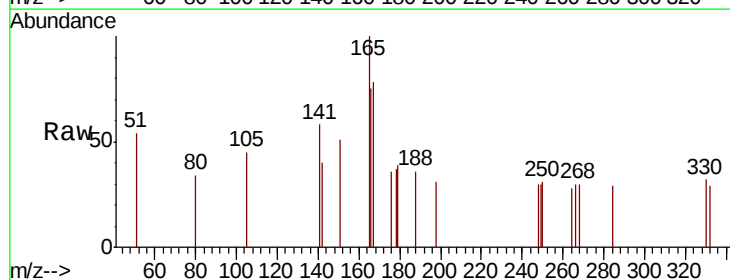
Tgt Ion:330 Resp: 13

Ion Ratio Lower Upper

330 100

332 92.3 77.0 115.4

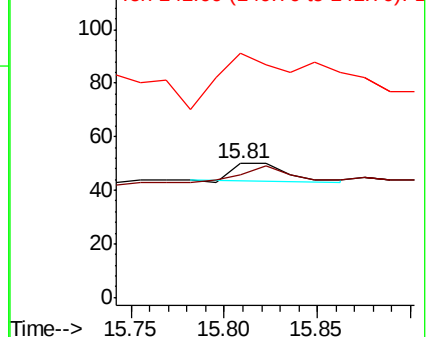
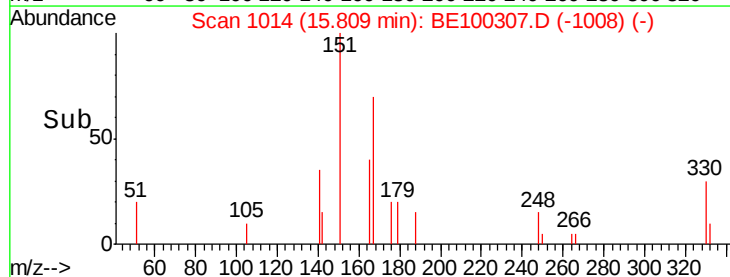
141 1084.6 22.0 33.0#

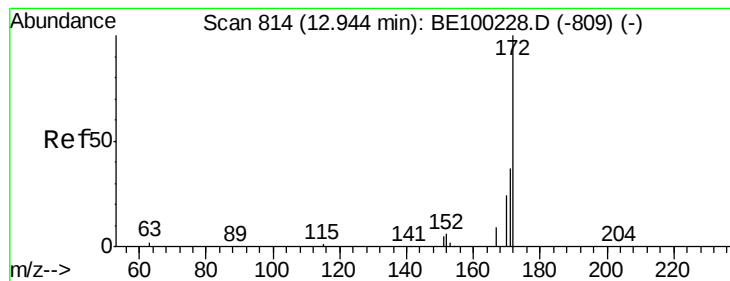


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

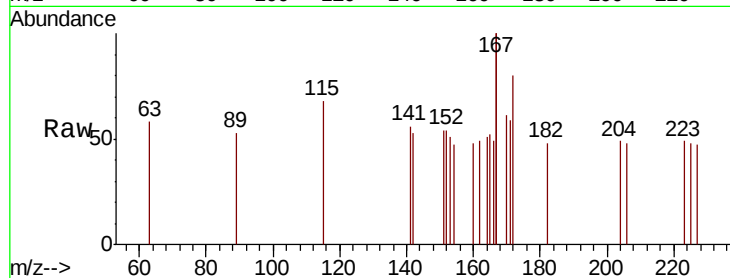




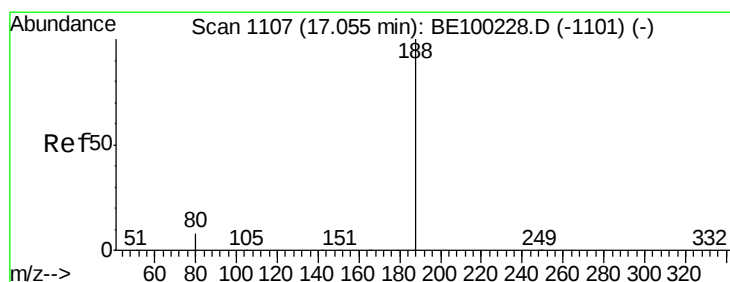
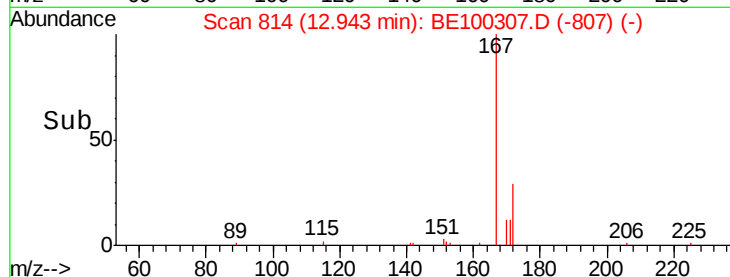
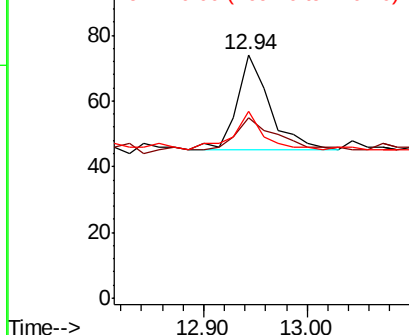
#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100307.D
Acq: 2 Jul 2019 18:03

Instrument :
BNA_E
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EXT-084-SW168-061319DL

Tgt Ion:172 Resp: 65
Ion Ratio Lower Upper
172 100
171 74.3 31.9 47.9#
170 77.0 22.2 33.2#

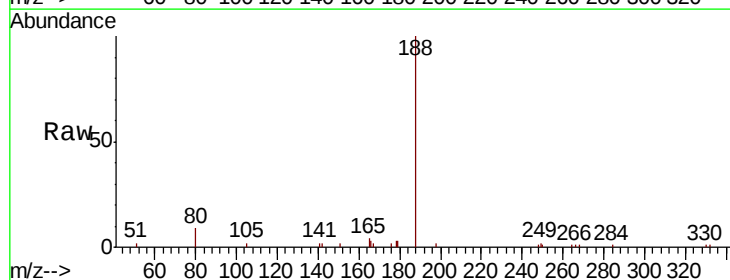


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

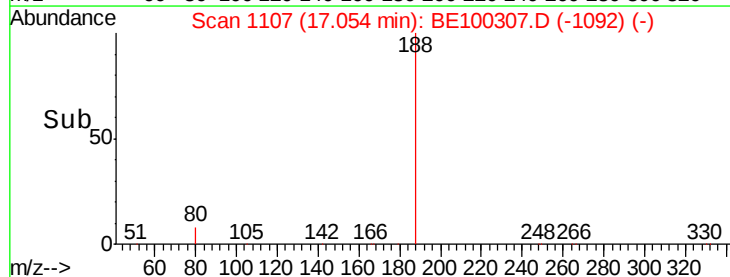
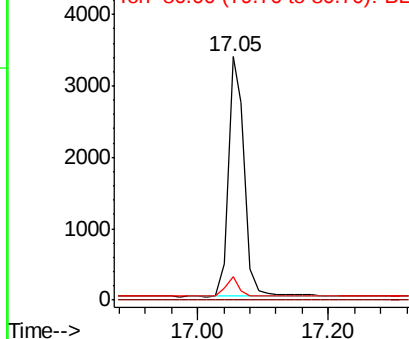


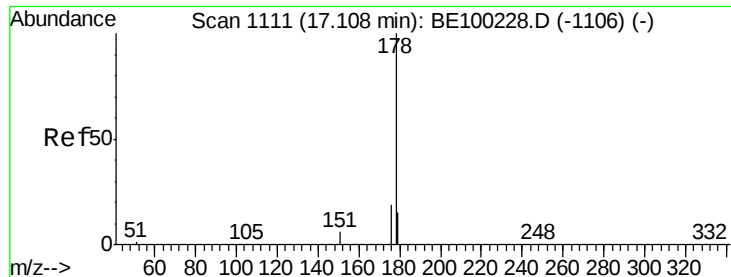
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100307.D
Acq: 2 Jul 2019 18:03

Tgt Ion:188 Resp: 5797
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 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: 2.705 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

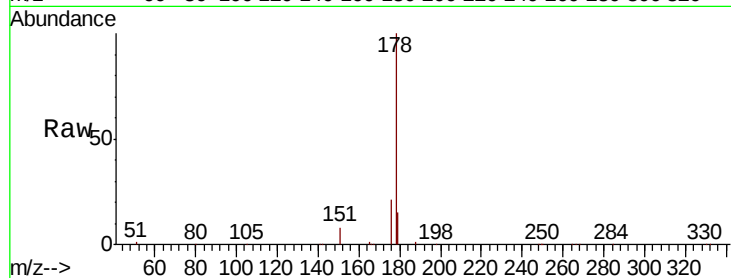
Tgt Ion:178 Resp: 38011

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

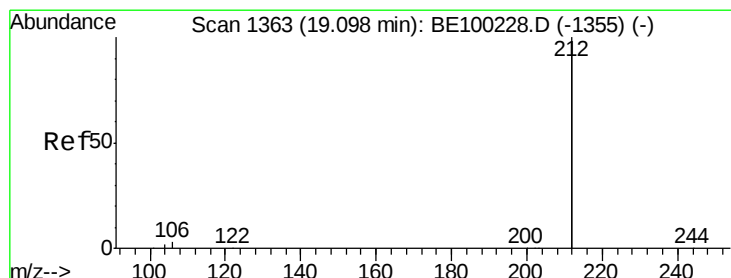
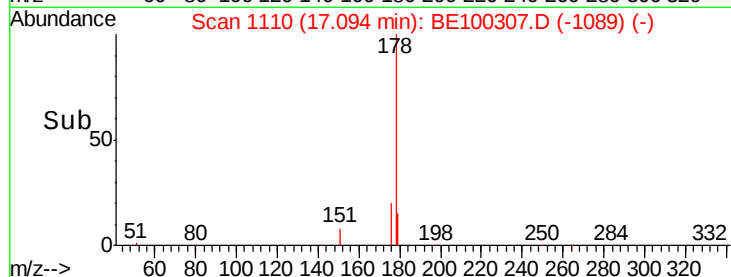
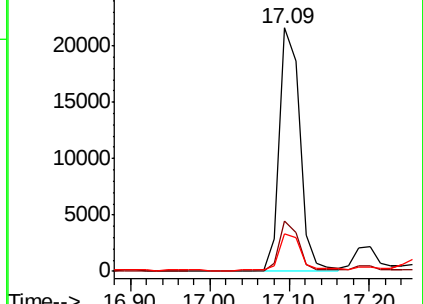
179 15.5 12.2 18.2



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: 0.018 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

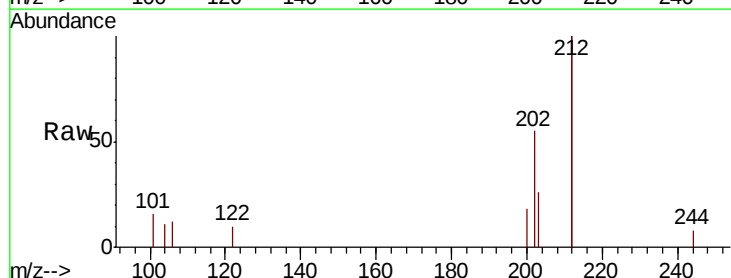
Tgt Ion:212 Resp: 1479

Ion Ratio Lower Upper

212 100

106 2.0 1.3 1.9#

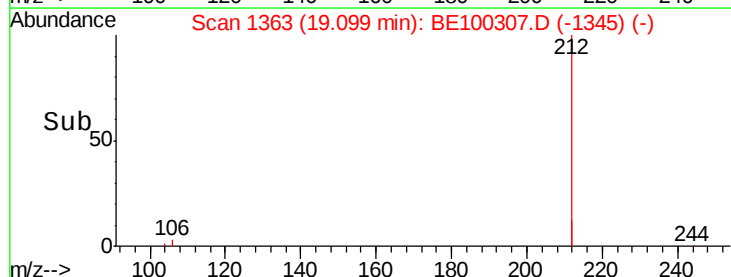
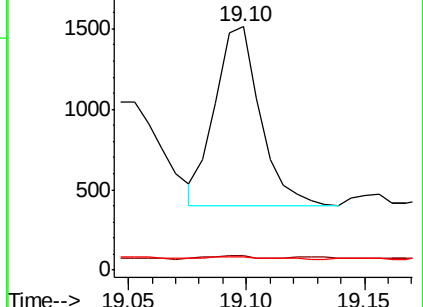
104 2.2 0.8 1.2#

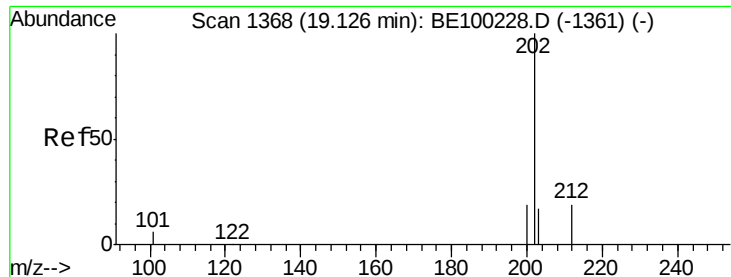


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

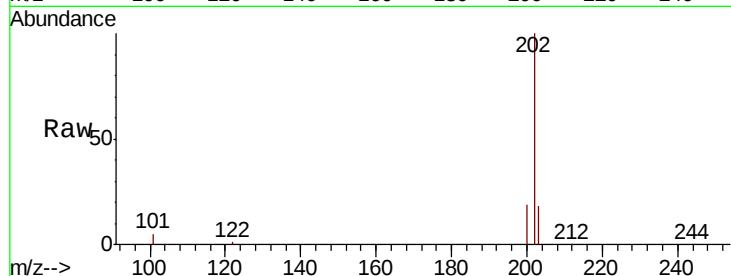




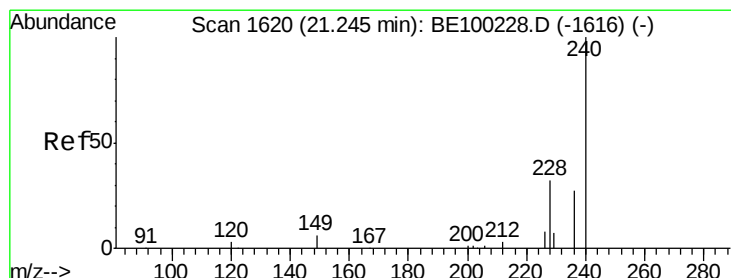
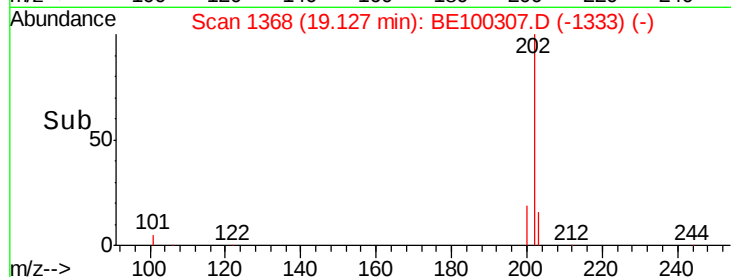
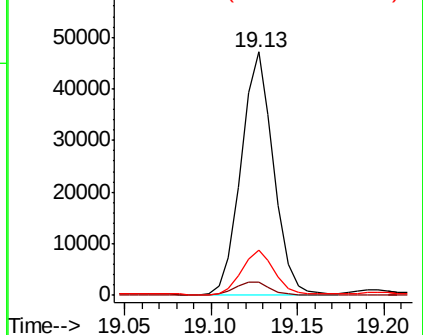
#26
 Fluoranthene
 Concen: 2.733 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100307.D
 Acq: 2 Jul 2019 18:03

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW168-061319DL

Tgt Ion: 202 Resp: 61165
 Ion Ratio Lower Upper
 202 100
 101 5.6 4.6 7.0
 203 18.1 13.7 20.5

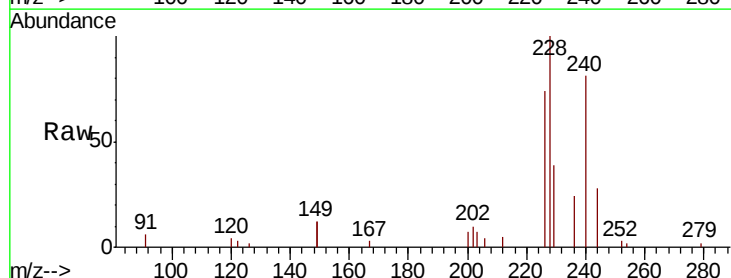


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

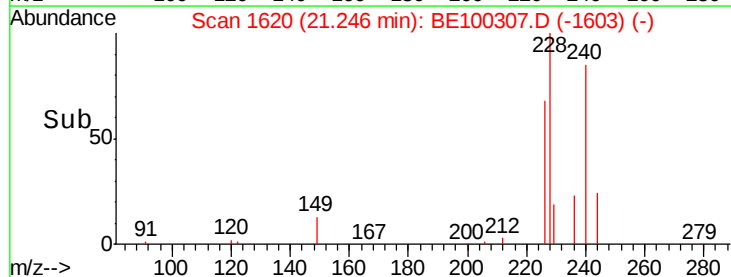
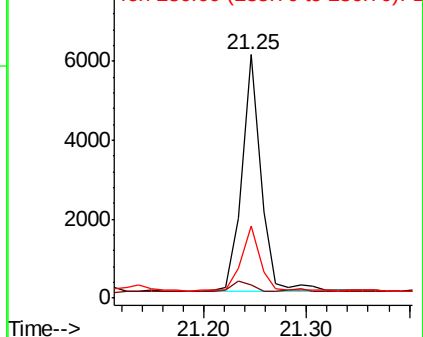


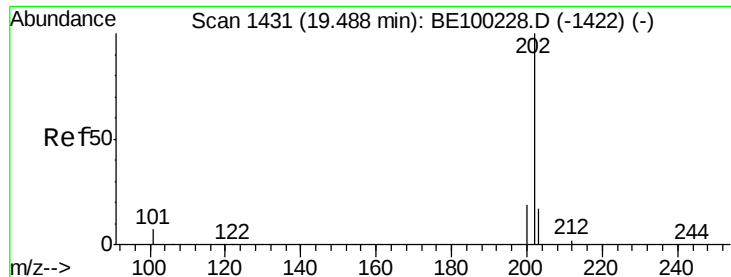
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100307.D
 Acq: 2 Jul 2019 18:03

Tgt Ion: 240 Resp: 7745
 Ion Ratio Lower Upper
 240 100
 120 5.2 3.3 4.9#
 236 29.7 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

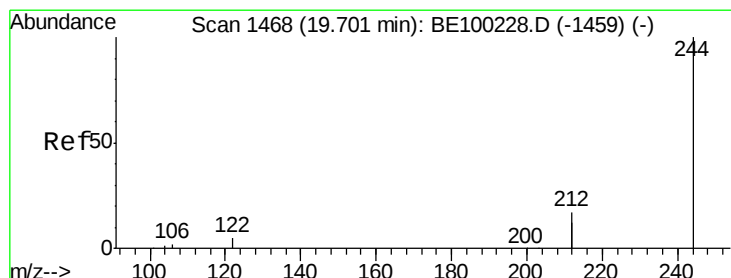
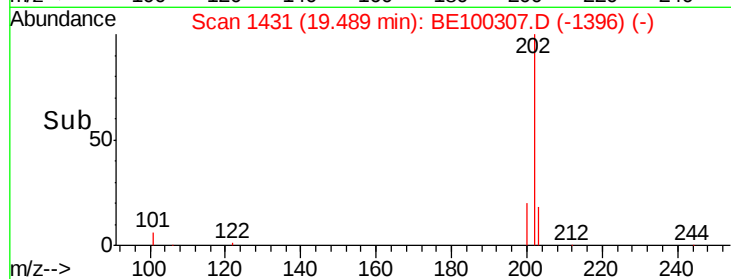
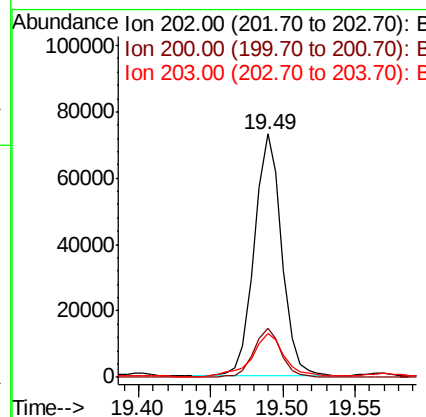
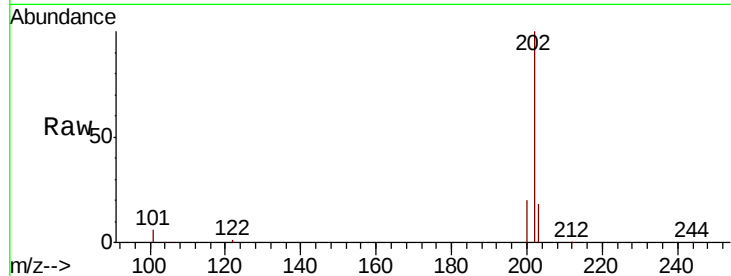




#28
 Pyrene
 Concen: 4.786 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100307.D
 Acq: 2 Jul 2019 18:03

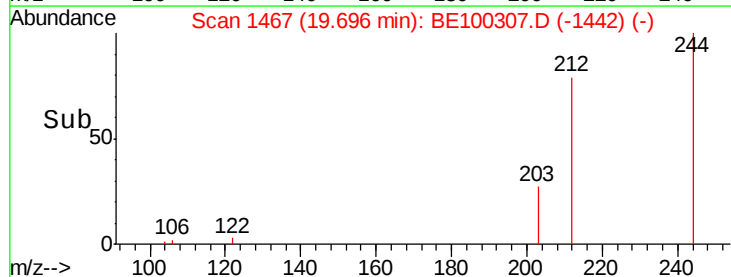
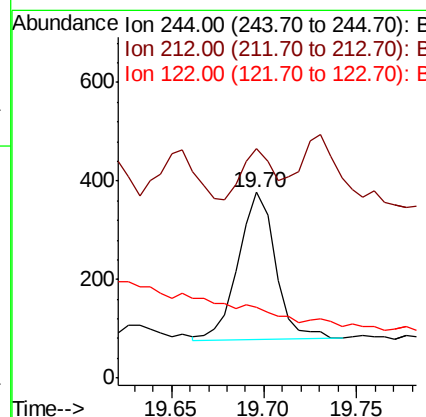
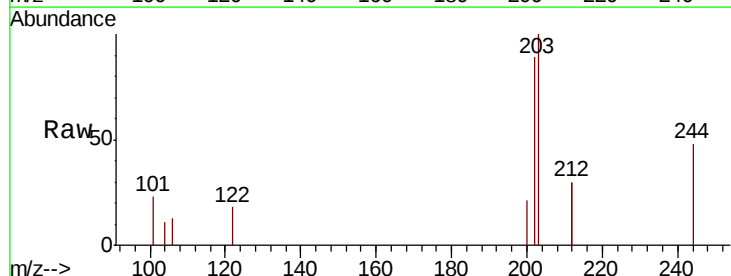
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW168-061319DL

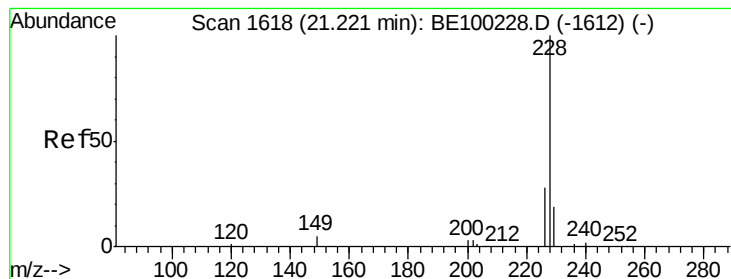
Tgt Ion: 202 Resp: 98140
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.7 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.026 ng
 RT: 19.70 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BE100307.D
 Acq: 2 Jul 2019 18:03

Tgt Ion: 244 Resp: 420
 Ion Ratio Lower Upper
 244 100
 212 123.6 27.3 40.9#
 122 37.9 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 2.416 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW168-061319DL

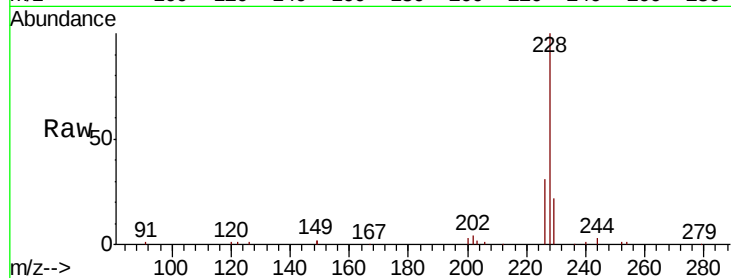
Tgt Ion:228 Resp: 61528

Ion Ratio Lower Upper

228 100

226 31.1 23.2 34.8

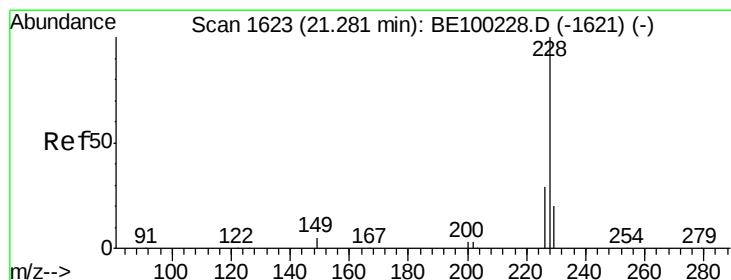
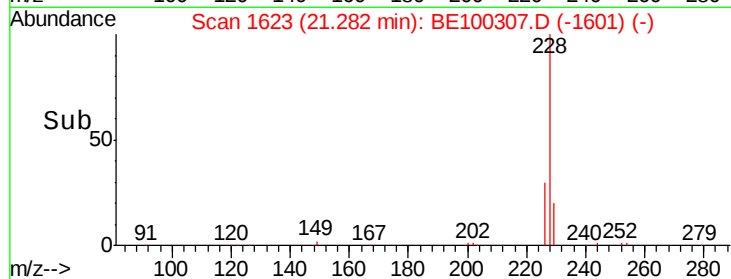
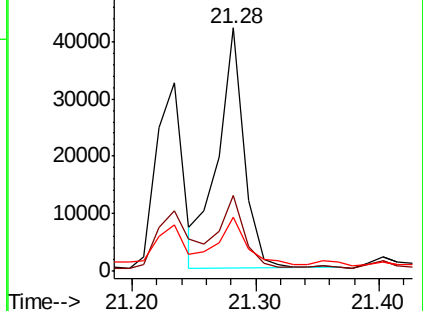
229 22.3 15.7 23.5



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: 2.381 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100307.D

Acq: 2 Jul 2019 18:03

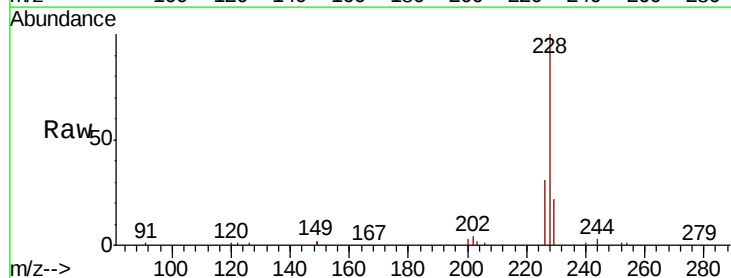
Tgt Ion:228 Resp: 60874

Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

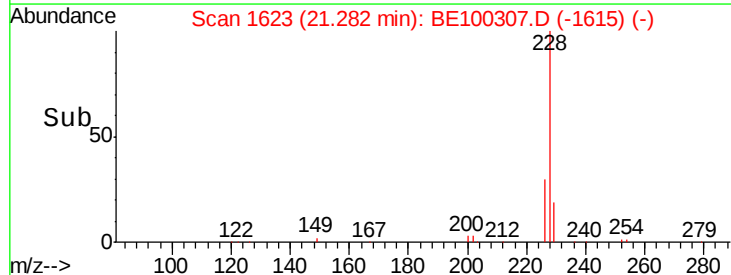
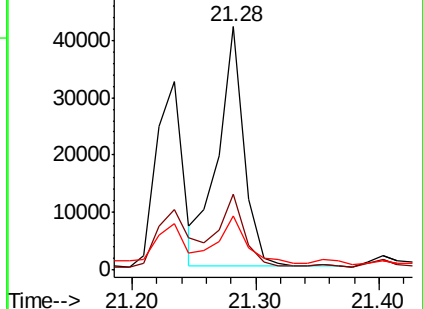
229 22.3 16.5 24.7

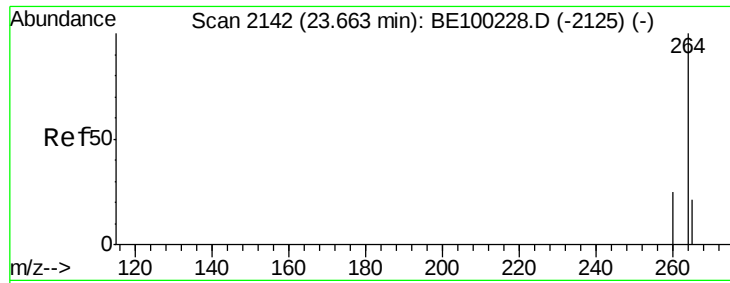


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

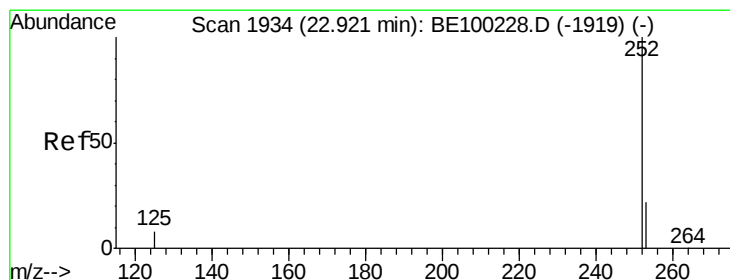
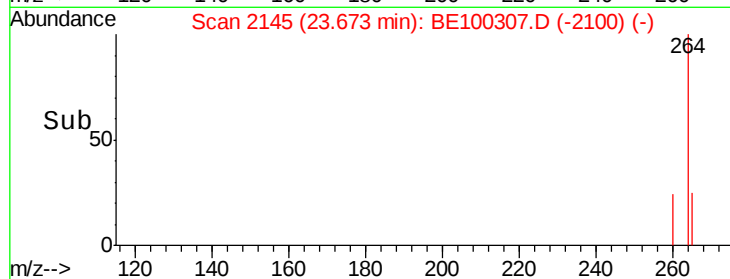
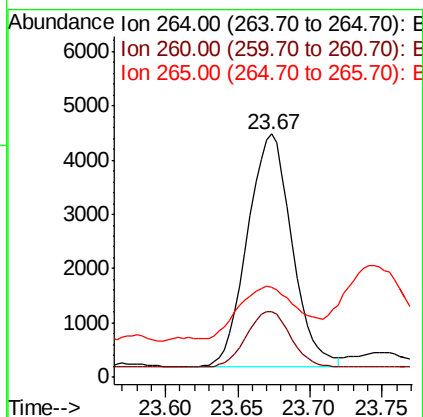
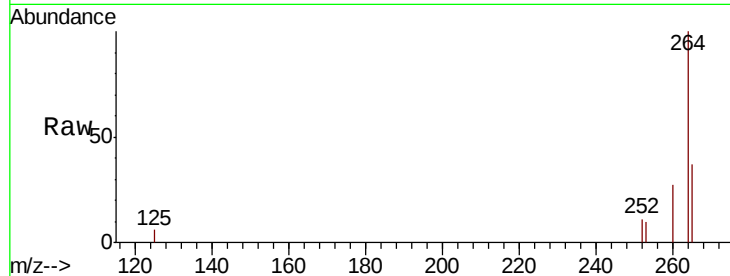




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100307.D
Acq: 2 Jul 2019 18:03

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW168-061319DL

Tgt Ion:264 Resp: 9053
Ion Ratio Lower Upper
264 100
260 27.1 20.8 31.2
265 37.0 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 2.013 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100307.D
Acq: 2 Jul 2019 18:03

Tgt Ion:252 Resp: 49413
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 6.2 7.4 11.0#

