

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100247.D
 Acq On : 28 Jun 2019 22:38
 Operator : JU/SJ
 Sample : K3445-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-007-SW124-061819

Quant Time: Jun 29 00:02:49 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	7.64	152	766	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2743	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2250	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6465	0.40	ng	0.00
27) Chrysene-d12	21.24	240	8427	0.40	ng	0.00
34) Perylene-d12	23.67	264	10042	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	563	0.29	ng	0.00
5) Phenol-d6	6.83	99	775	0.30	ng	-0.01
8) Nitrobenzene-d5	8.81	82	822	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2058	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	488	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	2508	0.29	ng	0.00
25) Fluoranthene-d10	19.10	212	34520	0.37	ng	0.00
29) Terphenyl-d14	19.70	244	4920	0.28	ng	0.00

Target Compounds

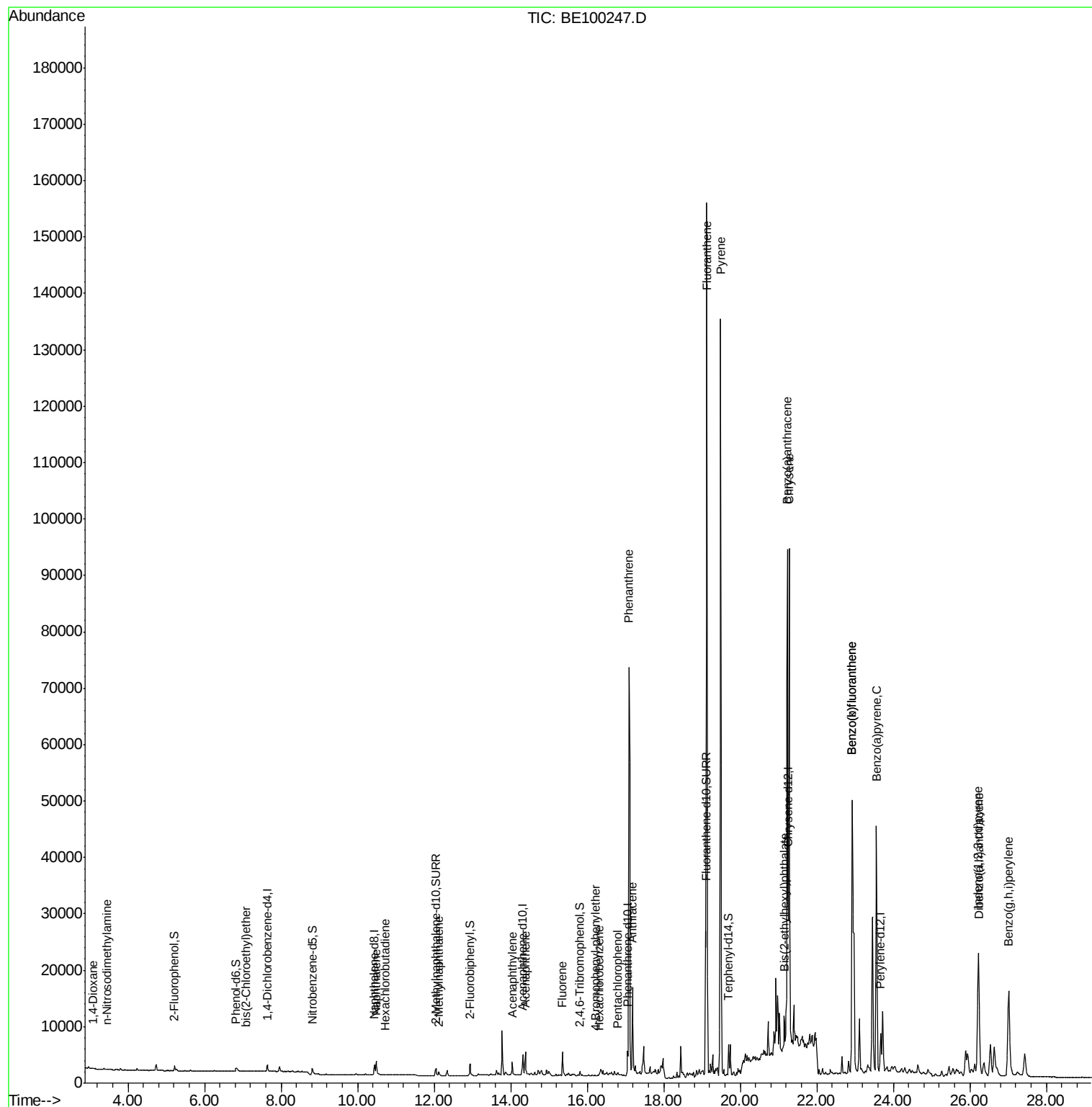
						Qvalue
2) 1,4-Dioxane	3.07	88	8	0.007	ng	# 1
3) n-Nitrosodimethylamine	3.44	42	12	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	12	0.006	ng	# 1
9) Naphthalene	10.48	128	4522	0.149	ng	98
10) Hexachlorobutadiene	10.73	225	5	0.002	ng	# 20
12) 2-Methylnaphthalene	12.12	142	554	0.104	ng	92
16) Acenaphthylene	14.04	152	2892	0.268	ng	98
17) Acenaphthene	14.38	154	2086	0.341	ng	98
18) Fluorene	15.35	166	3327	0.368	ng	# 94
20) 4-Bromophenyl-phenylether	16.22	248	6	0.001	ng	# 57
21) Hexachlorobenzene	16.30	284	6	0.001	ng	# 48
22) Pentachlorophenol	16.79	266	18	0.014	ng	# 76
23) Phenanthrene	17.09	178	81558	5.205	ng	100
24) Anthracene	17.19	178	15765	1.117	ng	# 92
26) Fluoranthene	19.13	202	145067	5.812	ng	99
28) Pyrene	19.49	202	125178	5.611	ng	# 95
30) Benzo(a)anthracene	21.23	228	88673	3.200	ng	98
31) Chrysene	21.28	228	70268	2.526	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	6835	0.117	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.22	276	43402	1.179	ng	# 97
35) Benzo(b)fluoranthene	22.93	252	91560	3.363	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	91560	3.013	ng	98
37) Benzo(a)pyrene	23.56	252	65704	2.408	ng	# 96
38) Dibenzo(a,h)anthracene	26.24	278	11522	0.404	ng	# 90
39) Benzo(g,h,i)perylene	27.02	276	40567	1.386	ng	98

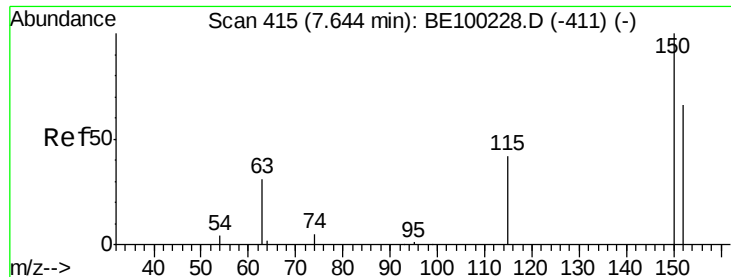
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100247.D
Acq On : 28 Jun 2019 22:38
Operator : JU/SJ
Sample : K3445-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Quant Time: Jun 29 00:02:49 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



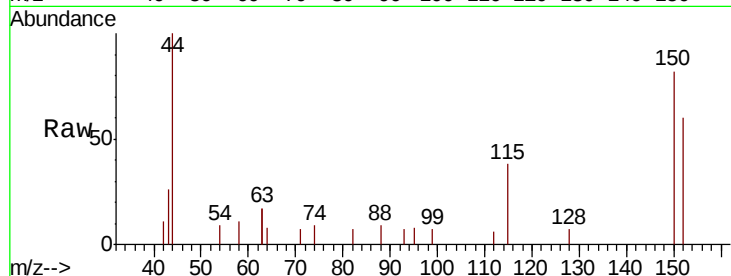


#1

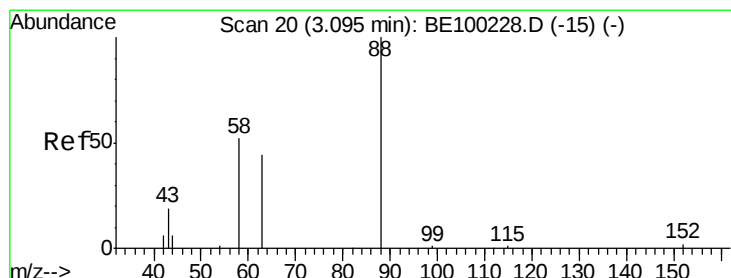
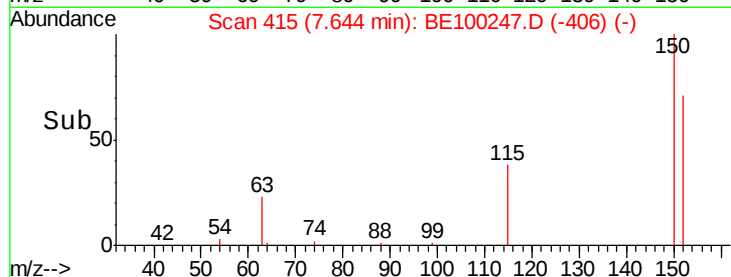
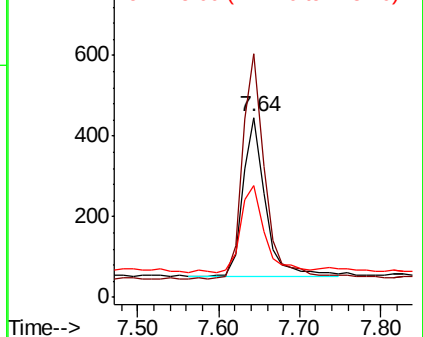
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion: 152 Resp: 766
Ion Ratio Lower Upper
152 100
150 135.4 114.5 171.7
115 62.6 57.1 85.7



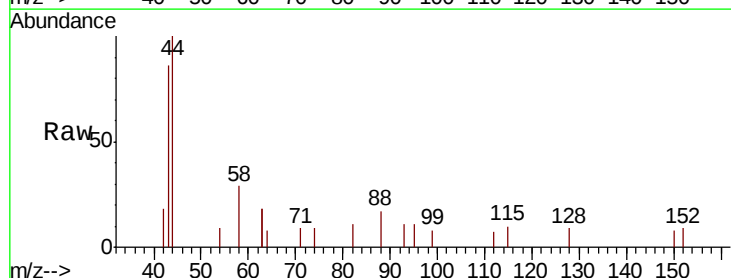
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



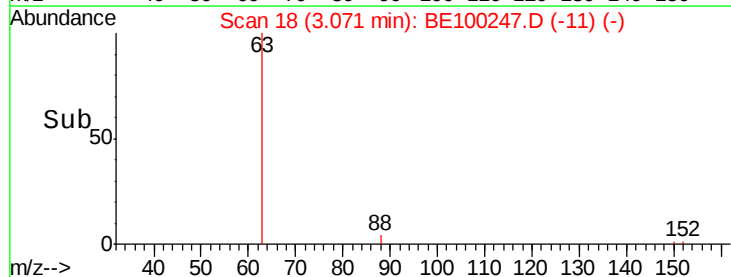
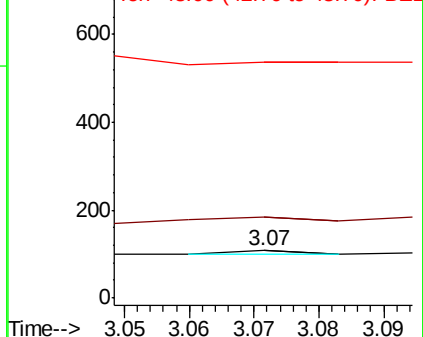
#2

1,4-Dioxane
Concen: 0.007 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
58 225.0 43.6 65.4#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

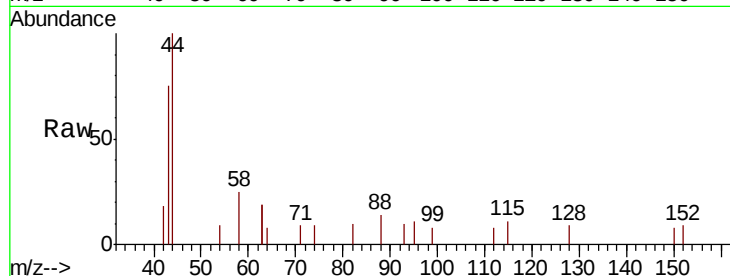
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

44 0.0 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

800

600

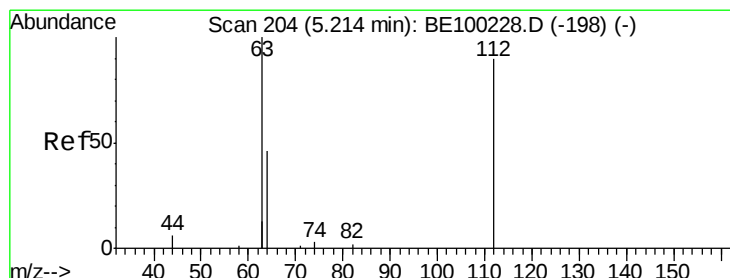
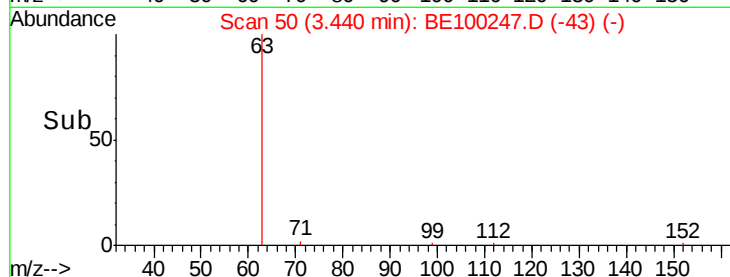
400

200

0

3.40 3.42 3.44 3.46

Time-->



#4

2-Fluorophenol

Concen: 0.288 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

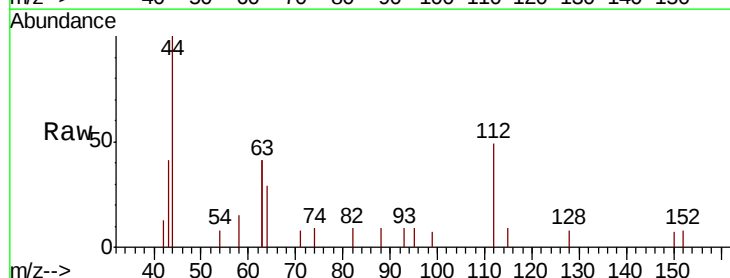
Tgt Ion: 112 Resp: 563

Ion Ratio Lower Upper

112 100

64 60.7 39.4 59.0#

63 117.4 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

800

600

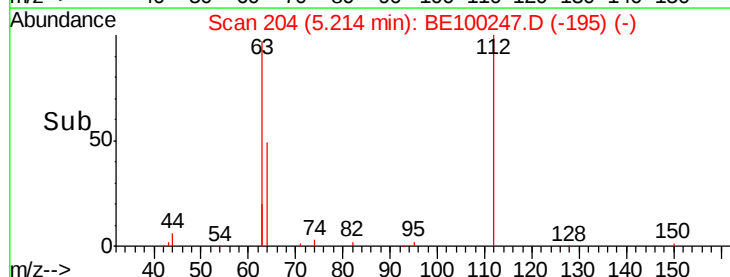
400

200

0

5.10 5.20 5.30 5.40

Time-->





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

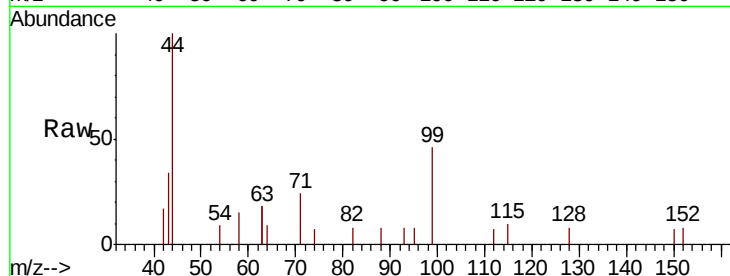
Tgt Ion: 99 Resp: 775

Ion Ratio Lower Upper

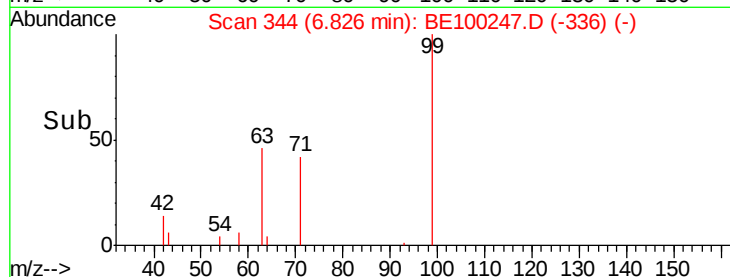
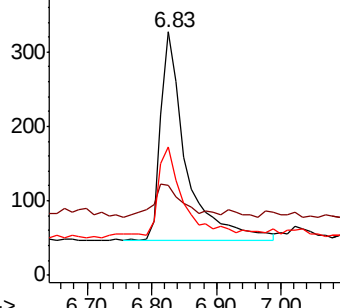
99 100

42 18.6 11.2 16.8#

71 40.5 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



#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

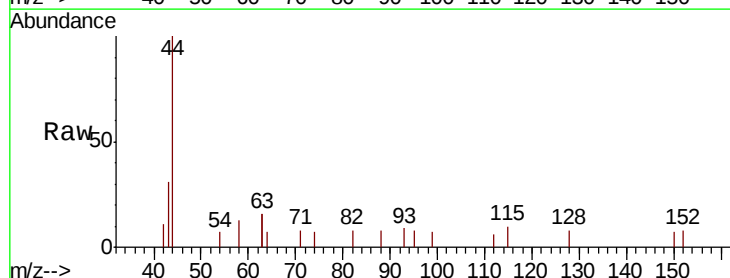
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

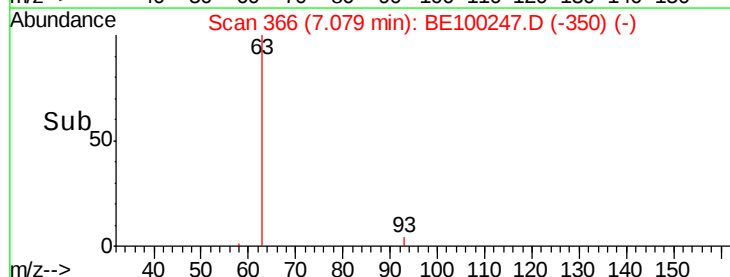
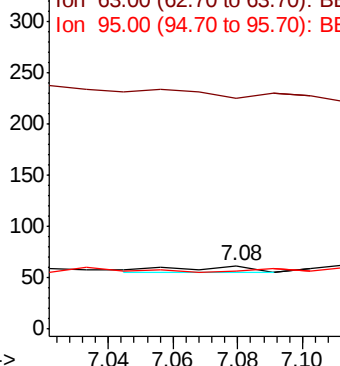
93 100

63 0.0 155.6 233.4#

95 0.0 23.0 34.4#



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

Tgt Ion: 136 Resp: 2743

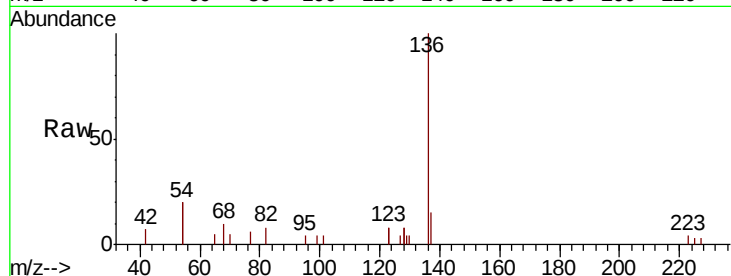
Ion Ratio Lower Upper

136 100

137 15.1 11.8 17.8

54 39.3 27.7 41.5

68 9.6 6.8 10.2

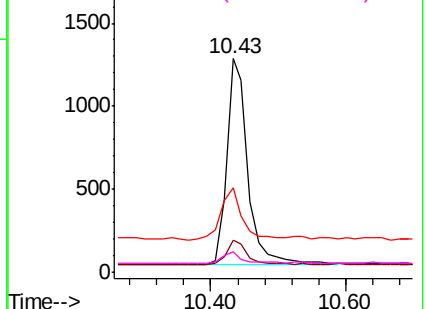
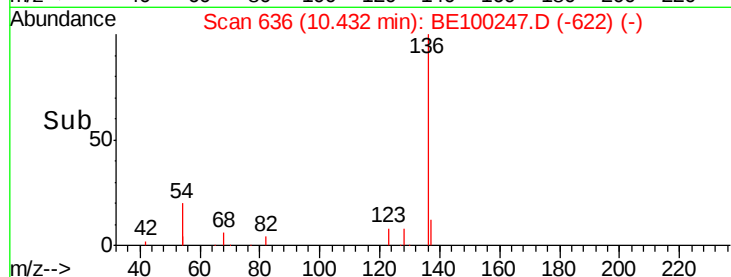


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

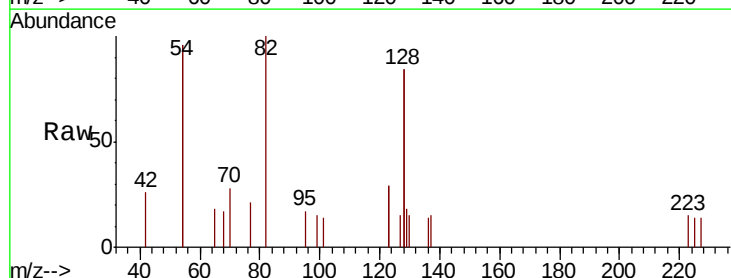
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 167.4 140.9 211.3

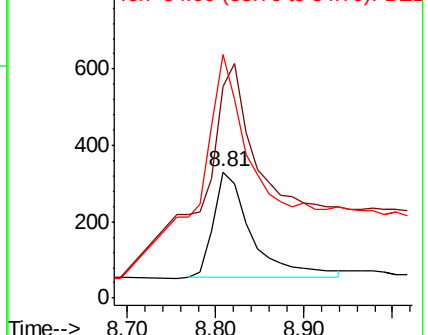
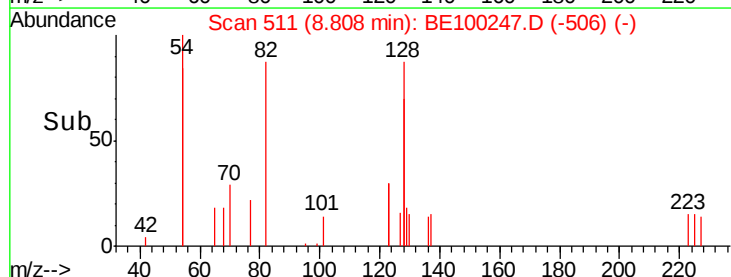
54 192.7 146.2 219.2

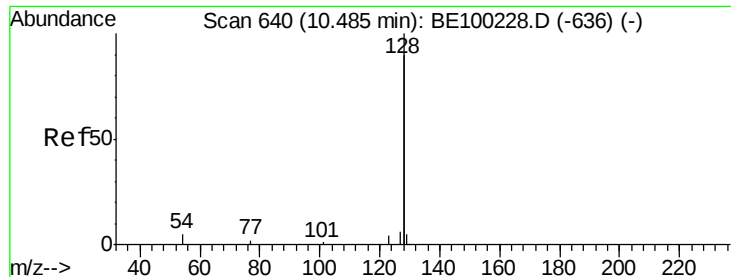


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.149 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

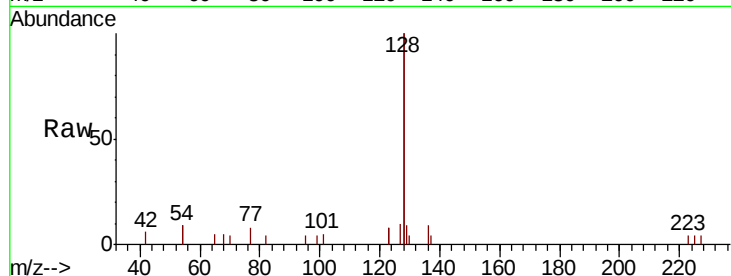
Tgt Ion:128 Resp: 4522

Ion Ratio Lower Upper

128 100

129 4.5 3.0 4.6

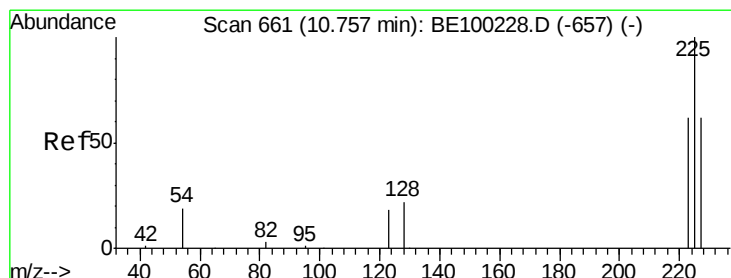
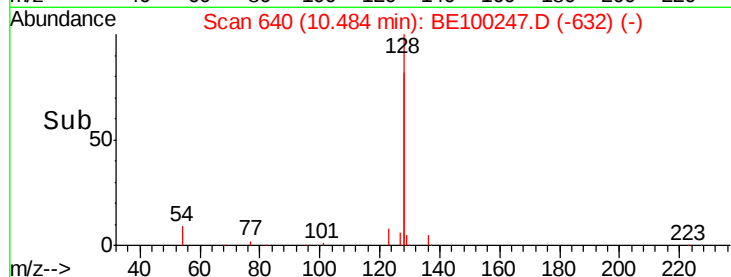
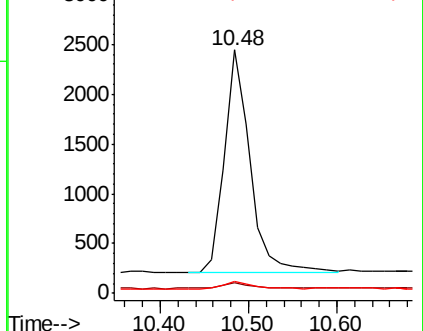
127 5.2 3.5 5.3



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



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

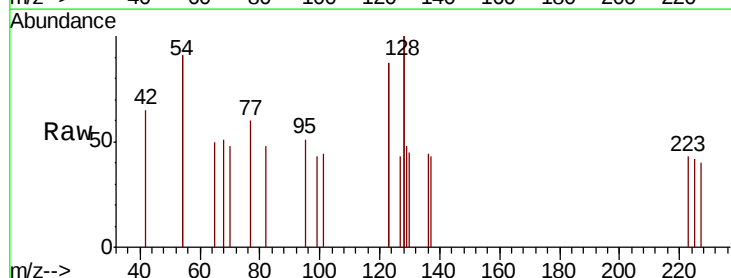
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

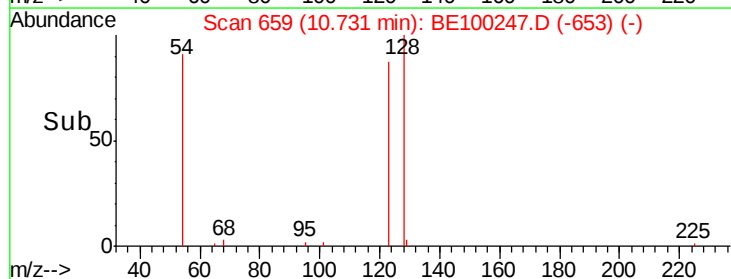
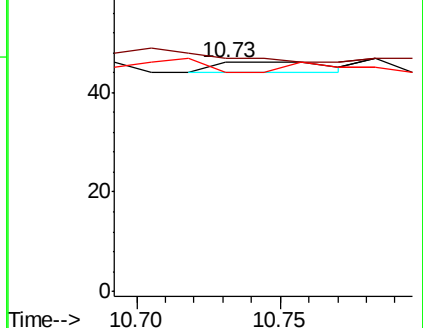
227 0.0 49.3 73.9#

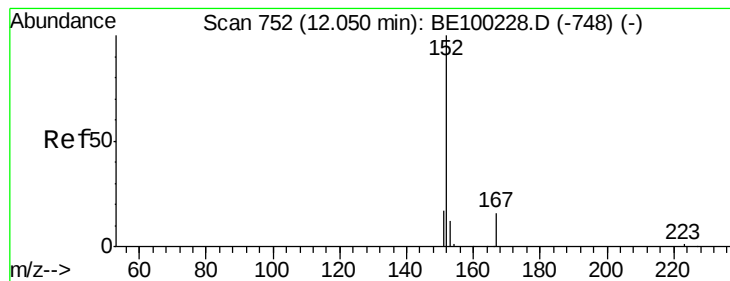


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

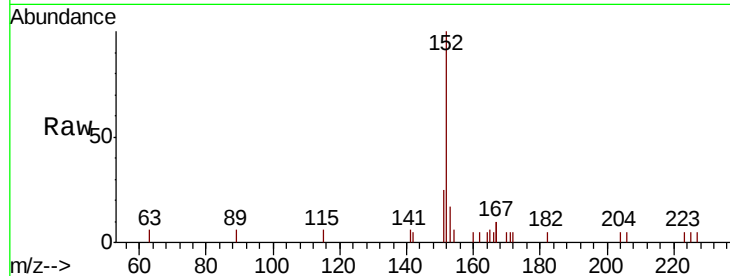
EXT-007-SW124-061819

Tgt Ion:152 Resp: 2058

Ion Ratio Lower Upper

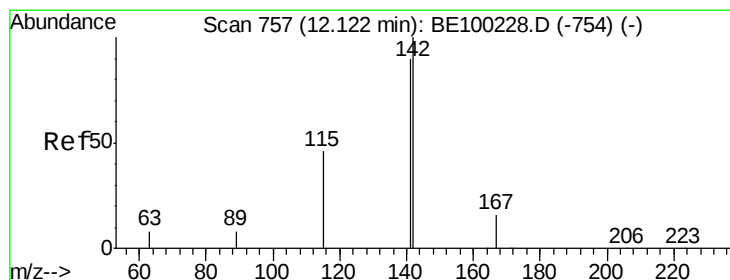
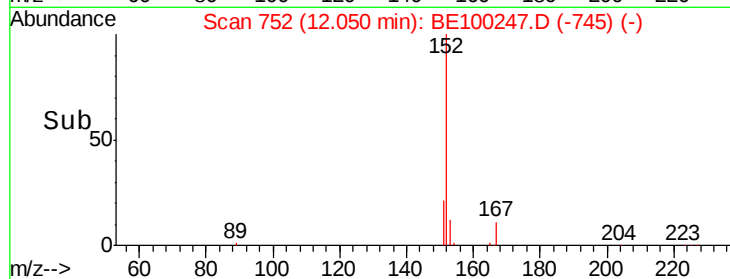
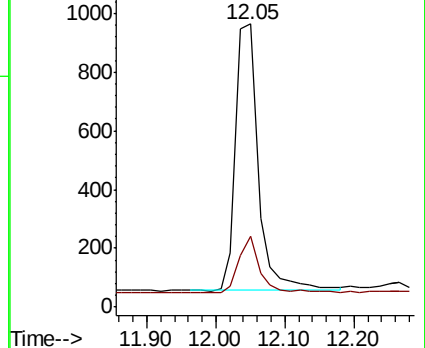
152 100

151 20.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.104 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

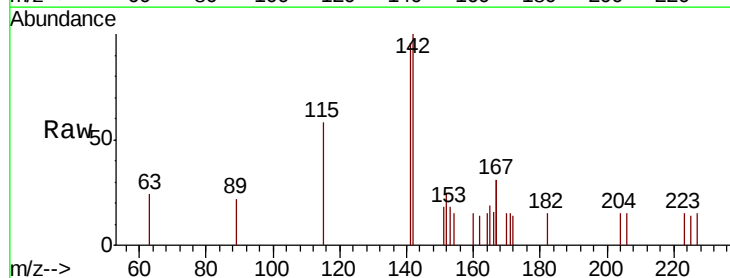
Tgt Ion:142 Resp: 554

Ion Ratio Lower Upper

142 100

141 96.2 72.4 108.6

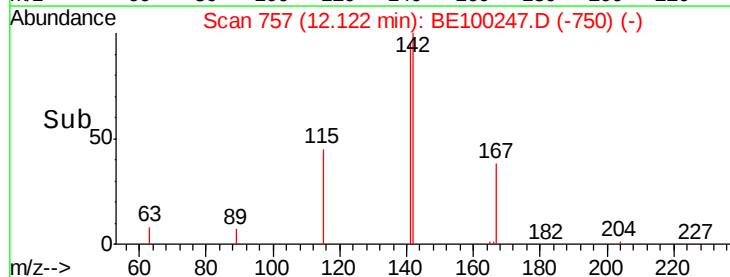
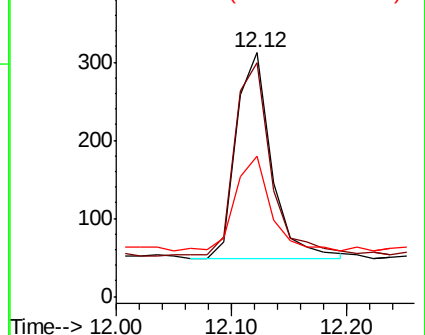
115 57.7 40.4 60.6

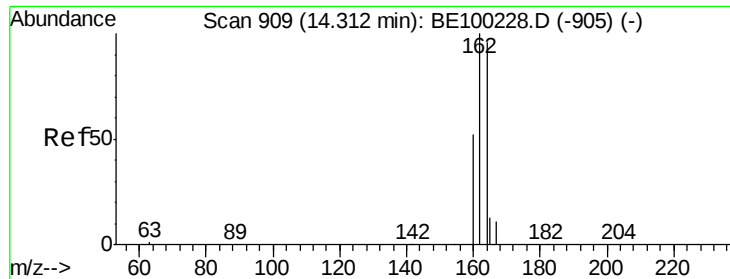


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

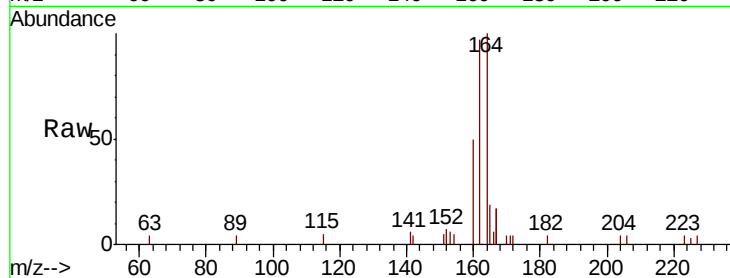




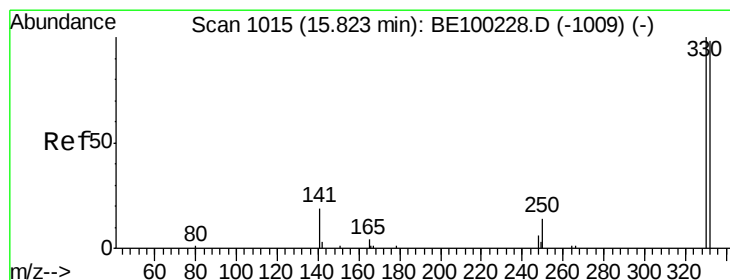
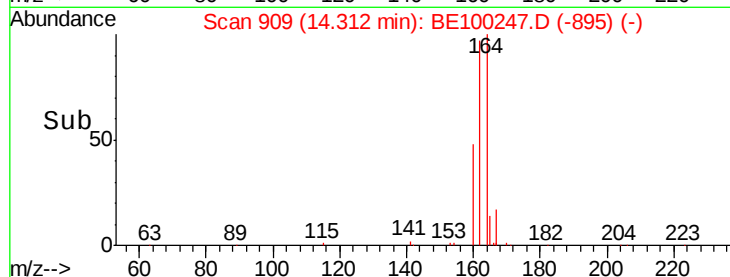
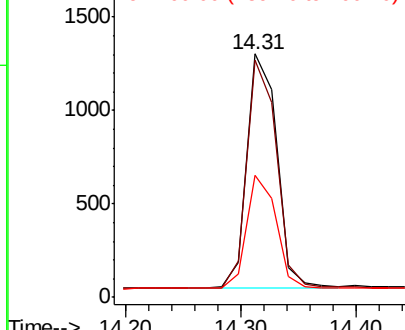
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:164 Resp: 2250
Ion Ratio Lower Upper
164 100
162 97.3 83.4 125.0
160 50.0 45.0 67.6

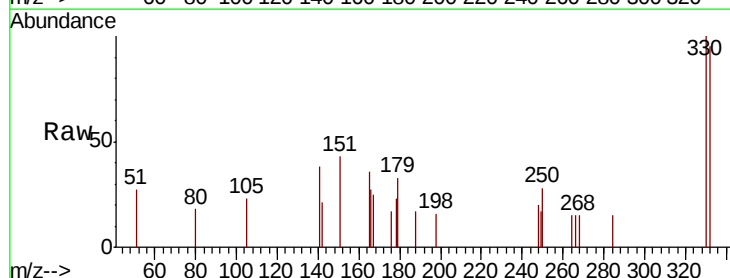


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

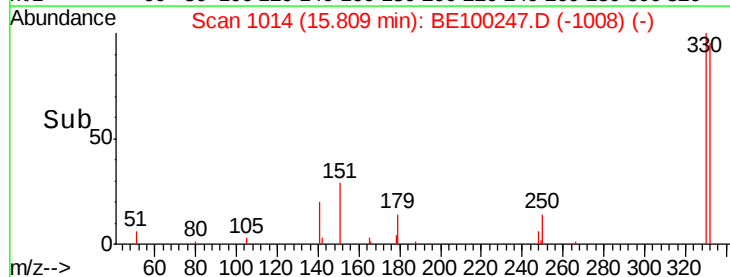
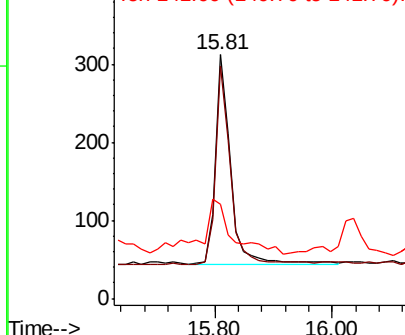


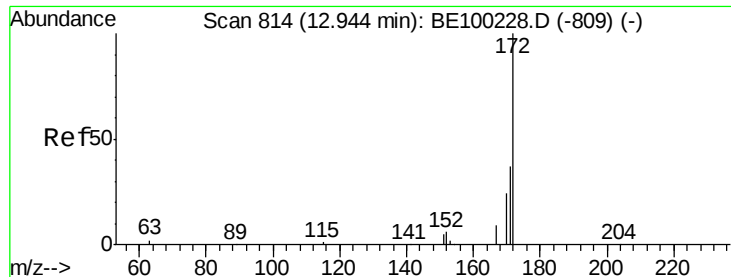
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.4
141 40.6 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

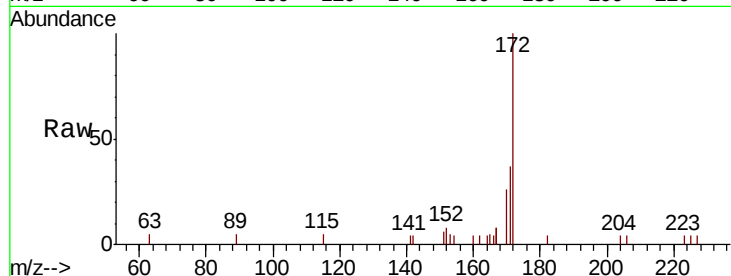




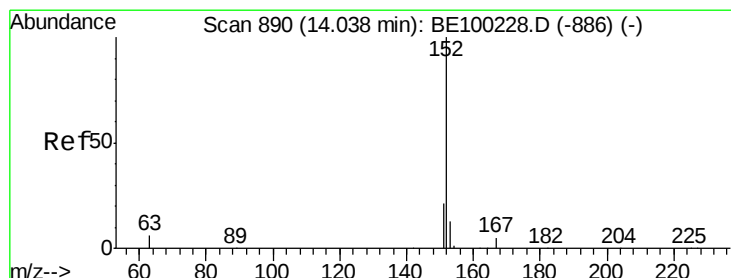
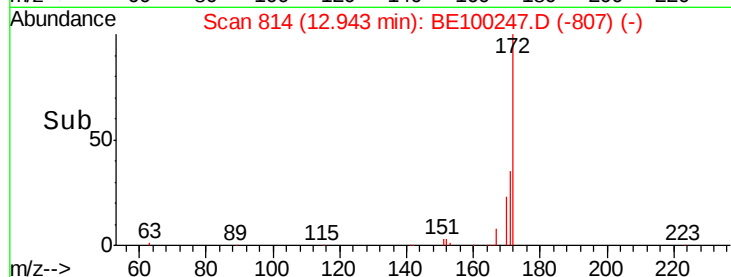
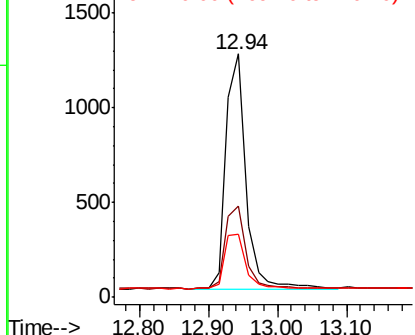
#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:172 Resp: 2508
Ion Ratio Lower Upper
172 100
171 37.4 31.9 47.9
170 26.1 22.2 33.2

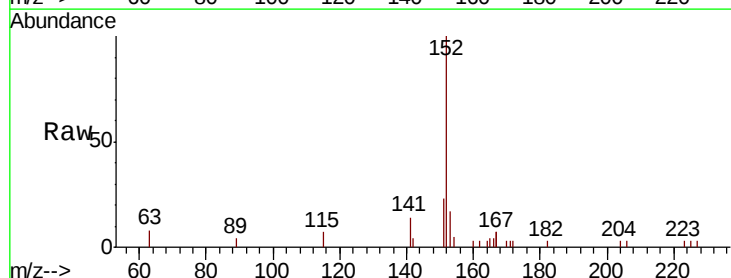


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

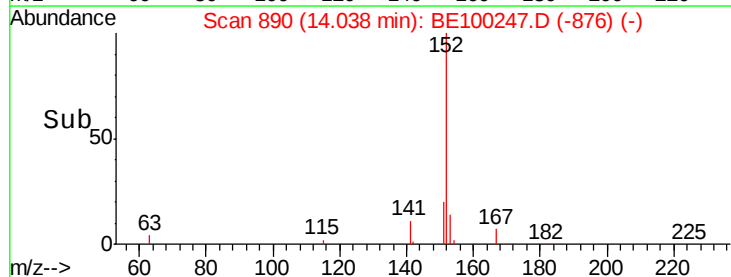
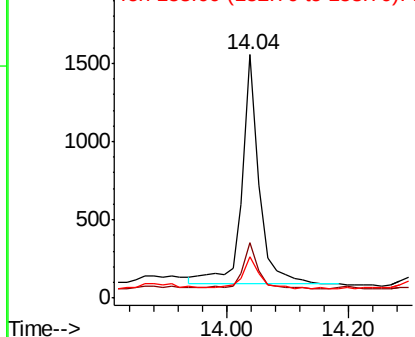


#16
Acenaphthylene
Concen: 0.268 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:152 Resp: 2892
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0
153 13.8 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

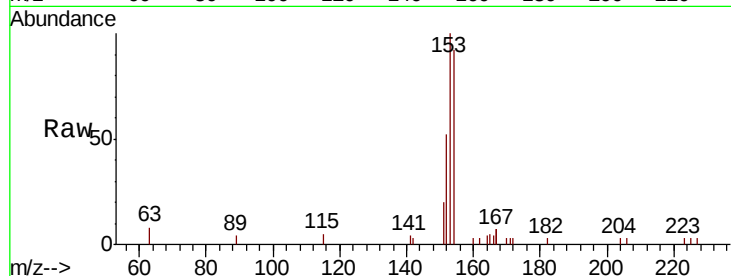




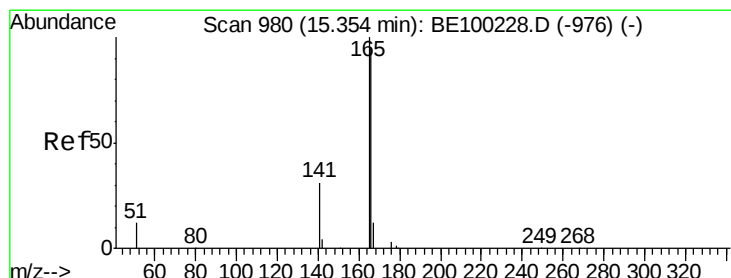
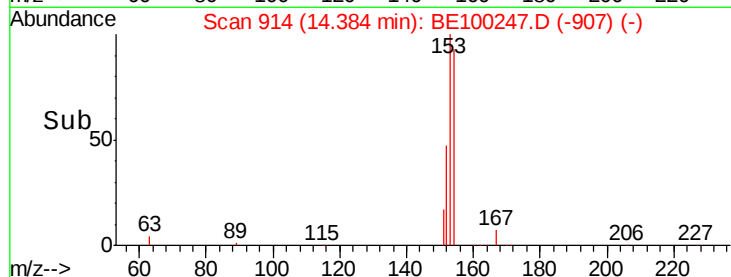
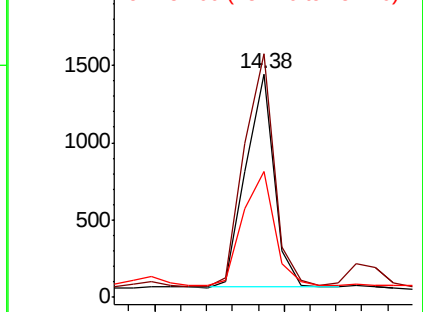
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Instrument :
BNA_E
ClientSampleId :
EXT-007-SW124-061819

Tgt Ion:154 Resp: 2086
Ion Ratio Lower Upper
154 100
153 114.8 93.4 140.2
152 59.8 49.4 74.2

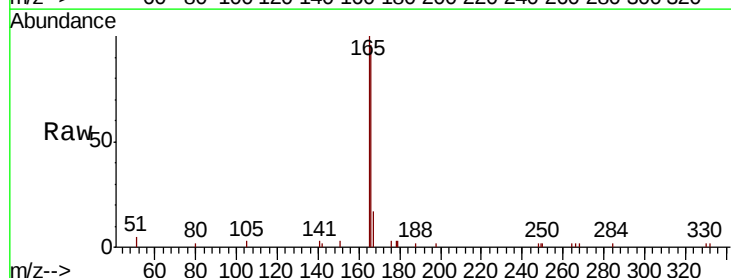


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

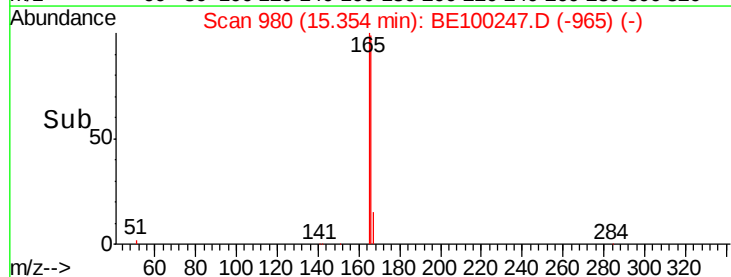
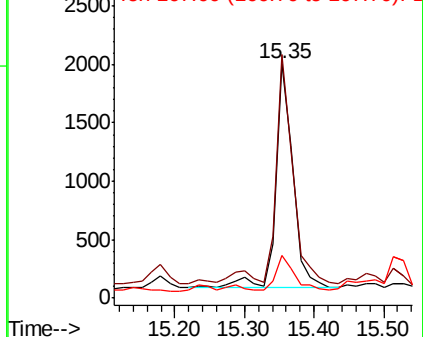


#18
Fluorene
Concen: 0.368 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100247.D
Acq: 28 Jun 2019 22:38

Tgt Ion:166 Resp: 3327
Ion Ratio Lower Upper
166 100
165 95.2 81.1 121.7
167 16.5 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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

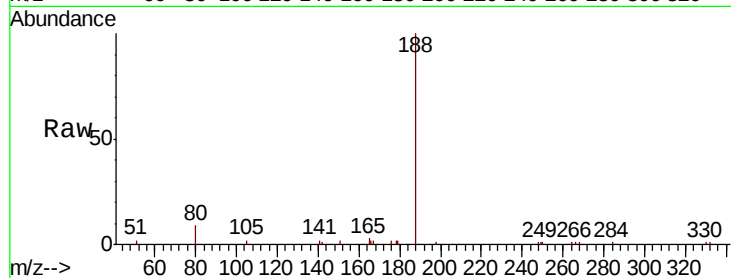
Tgt Ion:188 Resp: 6465

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

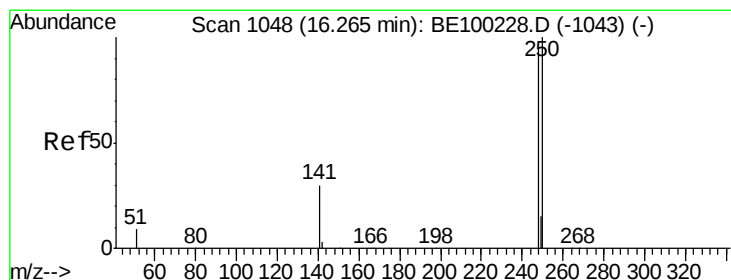
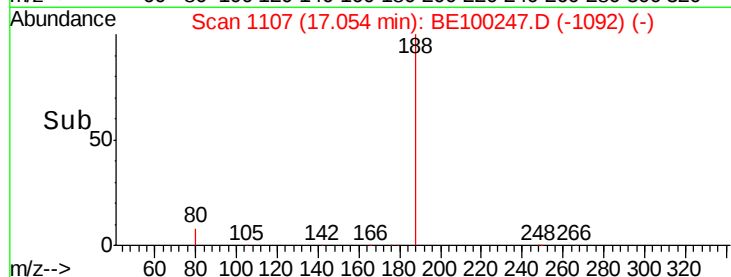
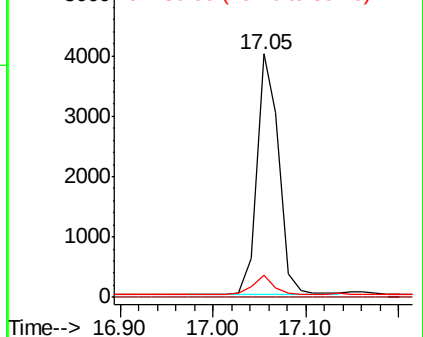
80 8.9 7.6 11.4



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



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.22 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

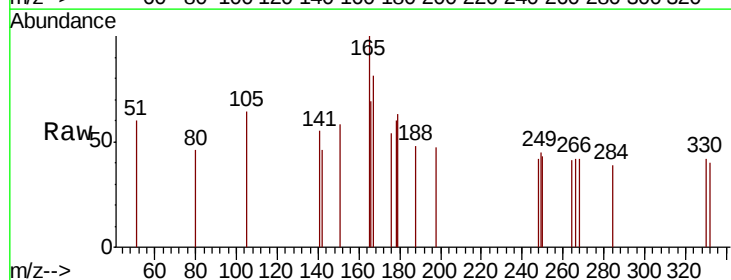
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 102.1 84.2 126.4

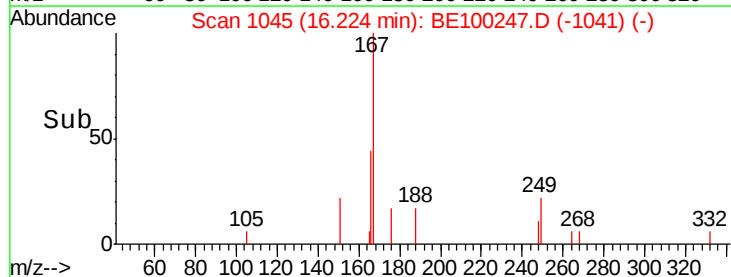
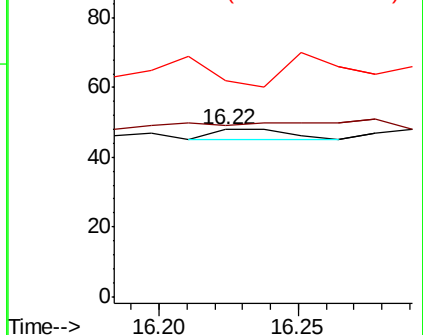
141 129.2 29.3 43.9#



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: 0.001 ng

RT: 16.30 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

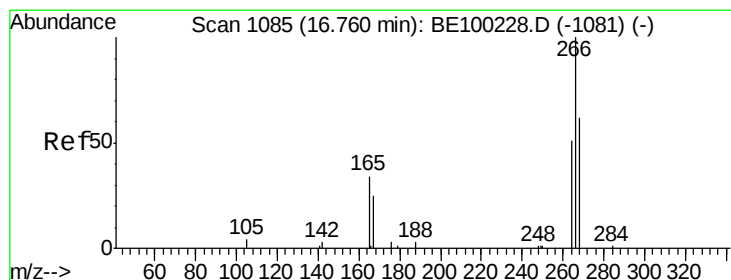
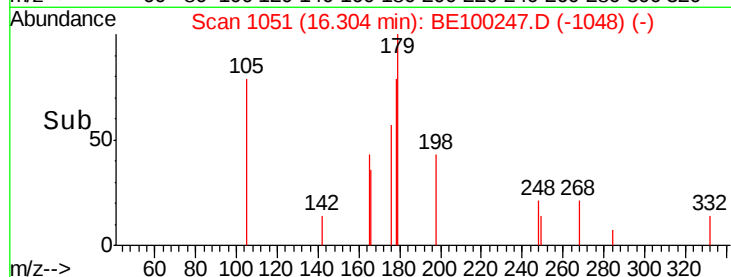
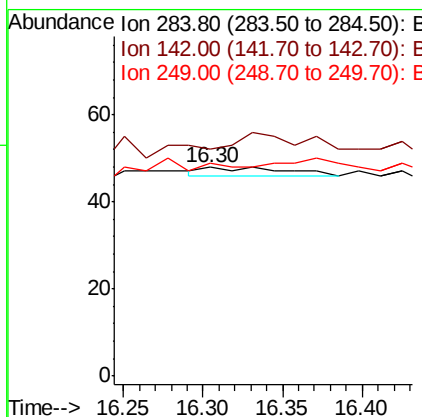
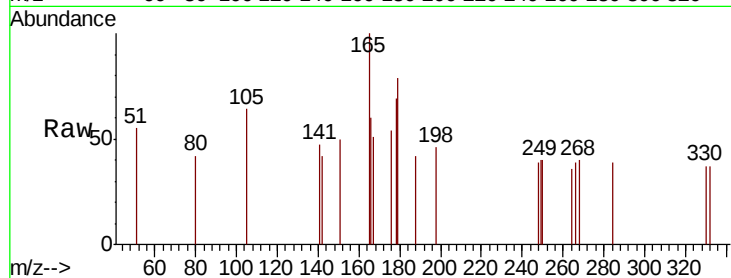
Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#



#22

Pentachlorophenol

Concen: 0.014 ng

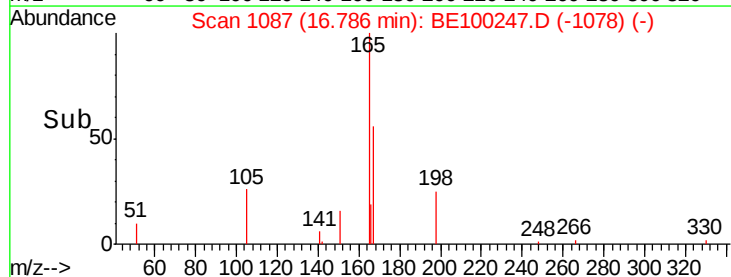
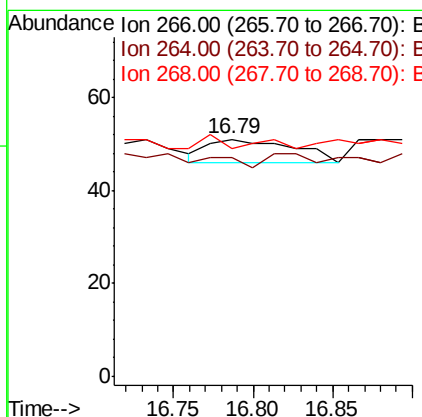
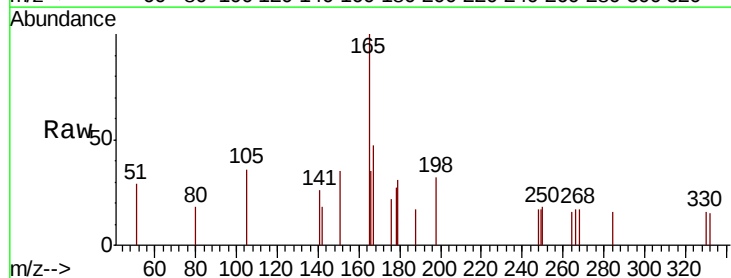
RT: 16.79 min Scan# 1087

Delta R.T. 0.03 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Tgt Ion:	266	Resp:	18
Ion	Ratio	Lower	Upper
266	100		
264	92.2	56.2	84.2#
268	96.1	61.8	92.6#





#23

Phenanthrene

Concen: 5.205 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

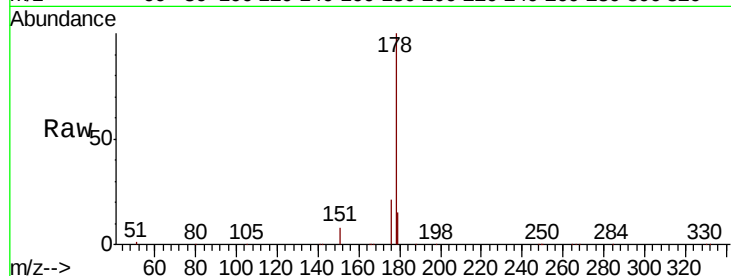
Tgt Ion:178 Resp: 81558

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

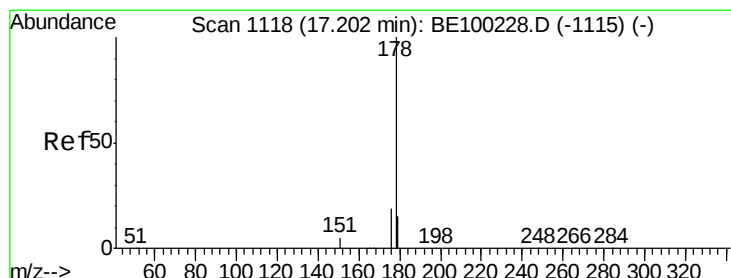
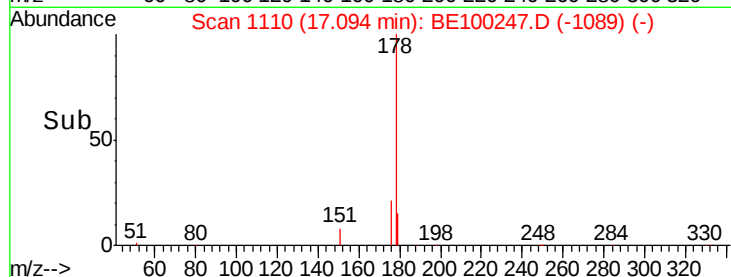
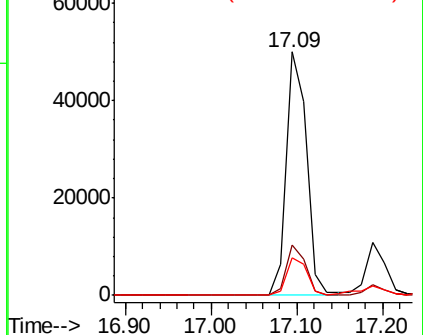
179 15.4 12.2 18.2



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: 1.117 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

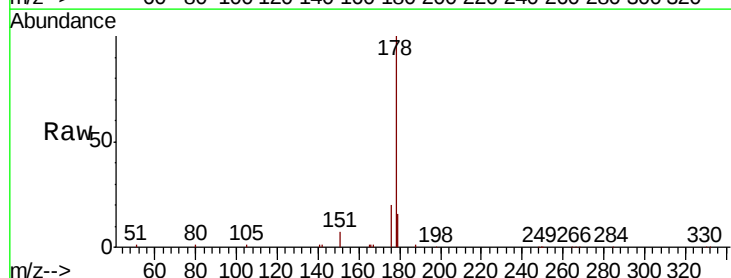
Tgt Ion:178 Resp: 15765

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

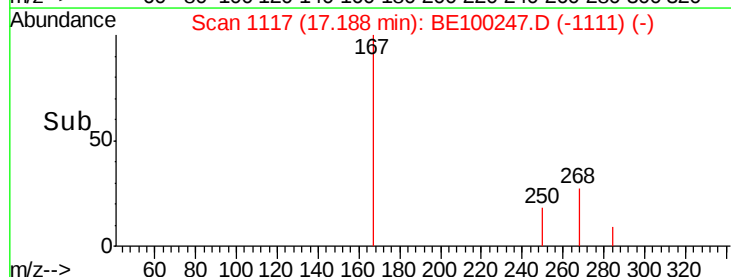
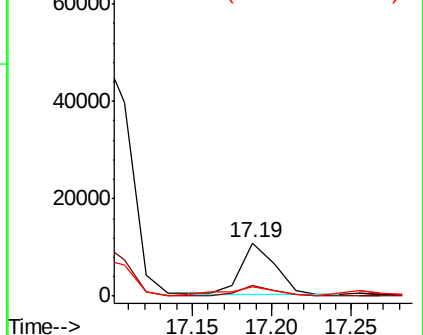
179 21.4 12.2 18.2#

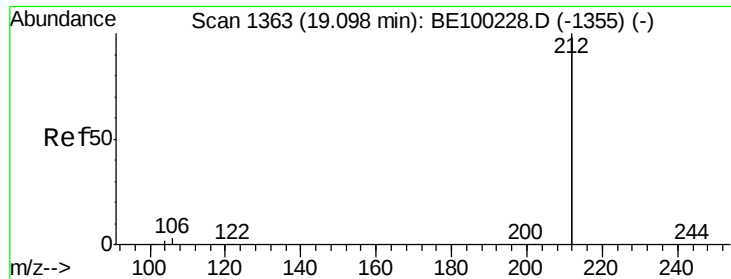


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

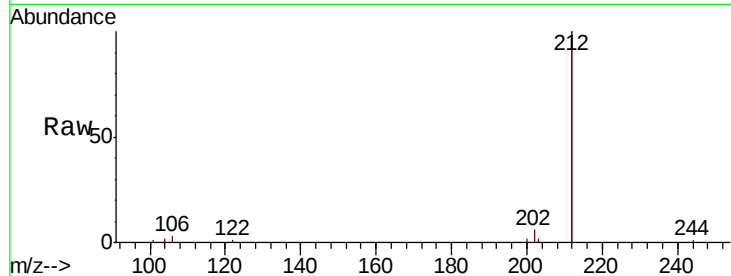
Instrument :

BNA_E

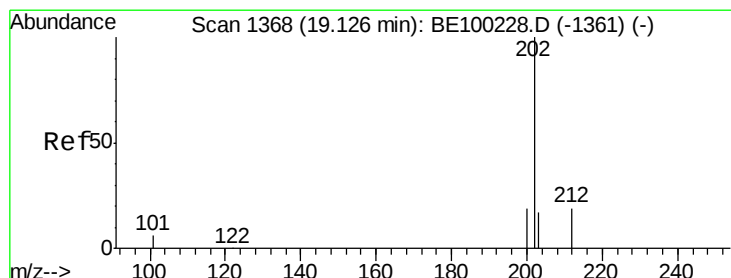
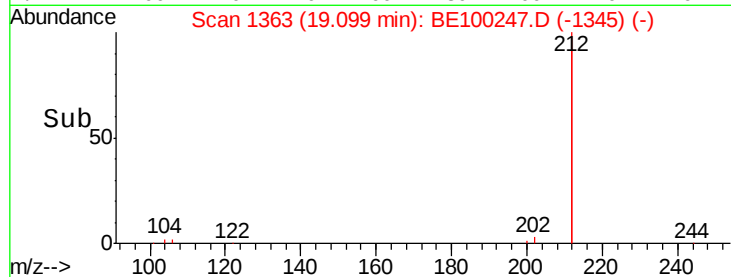
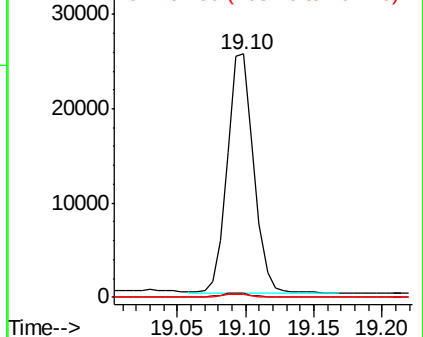
ClientSampleId :

EXT-007-SW124-061819

Tgt Ion:	212	Resp:	34520
Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	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: 5.812 ng

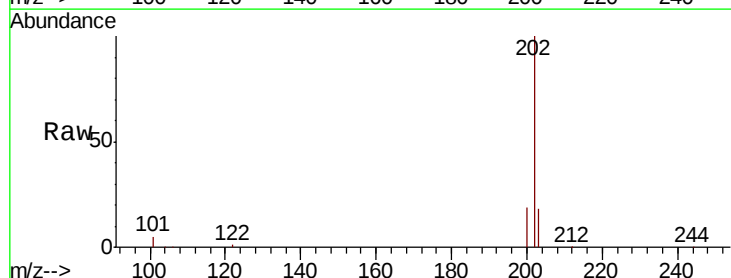
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

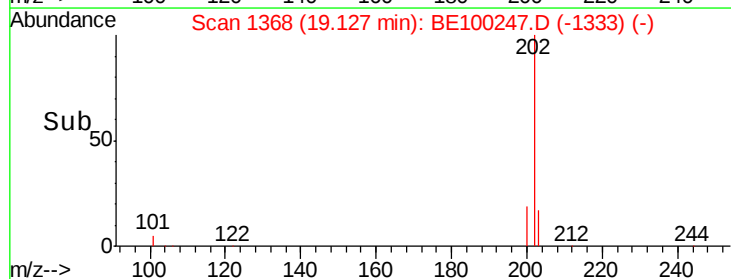
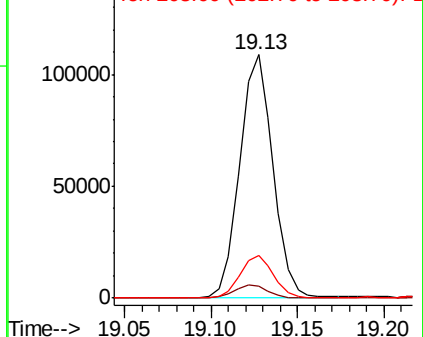
Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Tgt Ion:	202	Resp:	145067
Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.5	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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

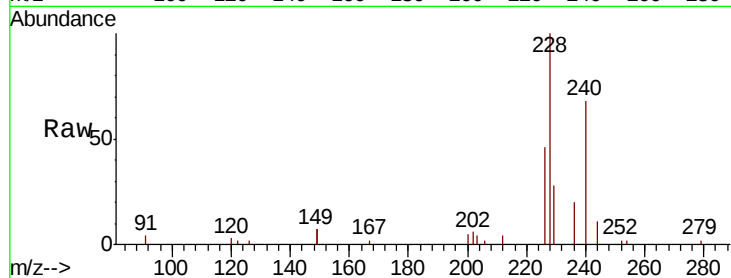
Tgt Ion:240 Resp: 8427

Ion Ratio Lower Upper

240 100

120 4.6 3.3 4.9

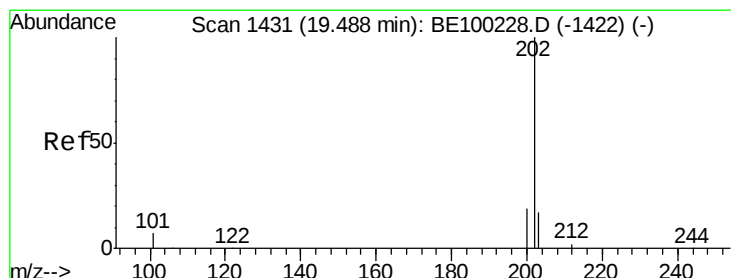
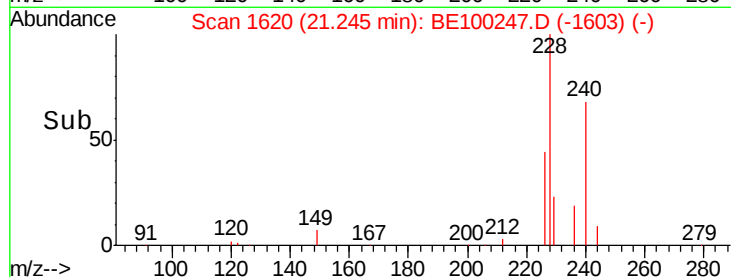
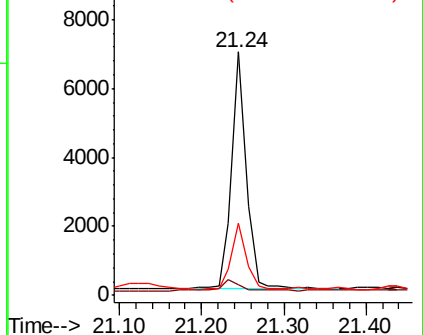
236 29.4 22.6 34.0



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: 5.611 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

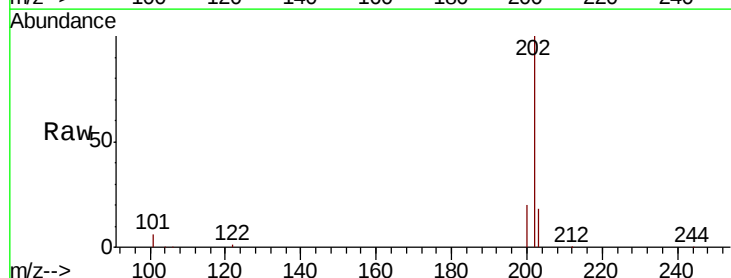
Tgt Ion:202 Resp: 125178

Ion Ratio Lower Upper

202 100

200 19.8 15.6 23.4

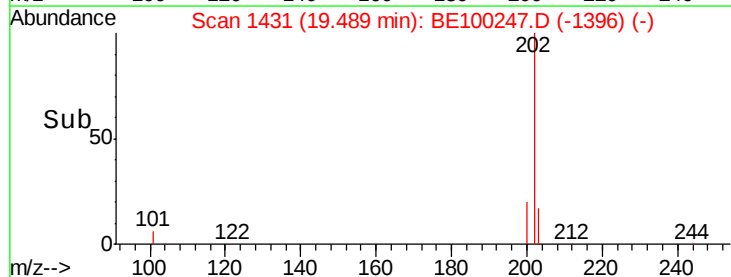
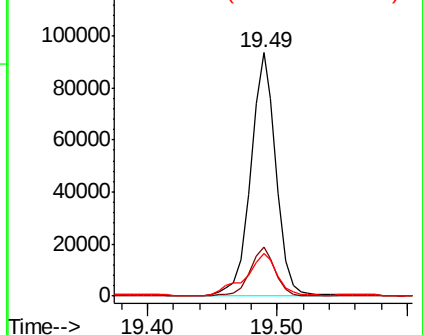
203 21.8 14.0 21.0#

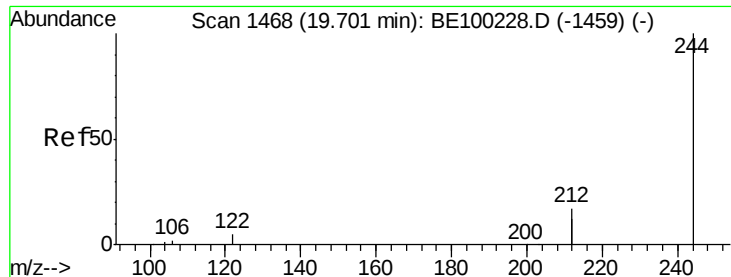


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.282 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

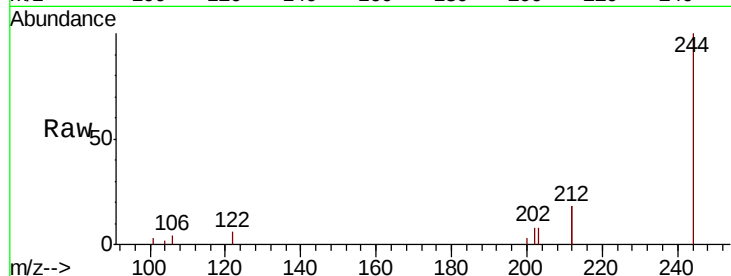
Tgt Ion:244 Resp: 4920

Ion Ratio Lower Upper

244 100

212 36.9 27.3 40.9

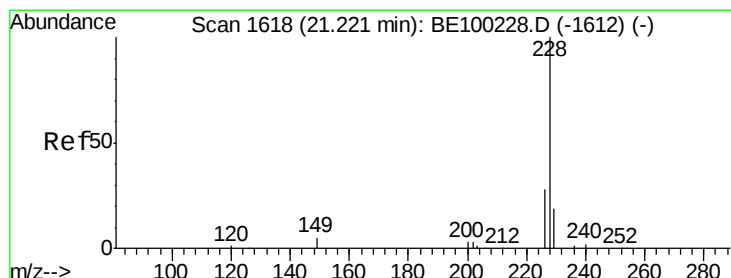
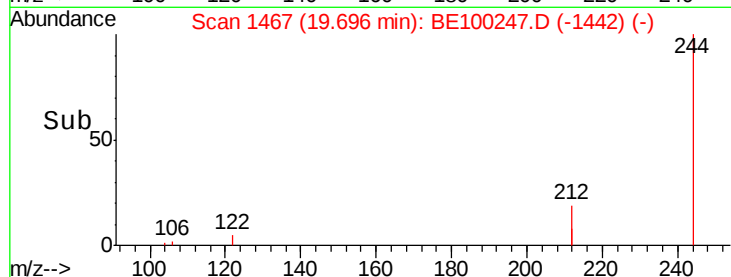
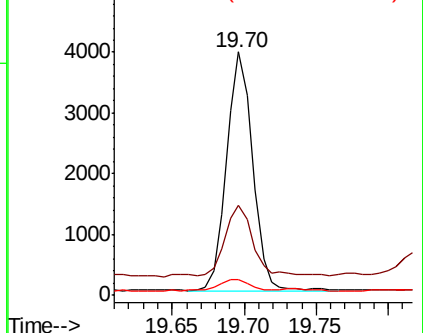
122 6.5 4.7 7.1



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: 3.200 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

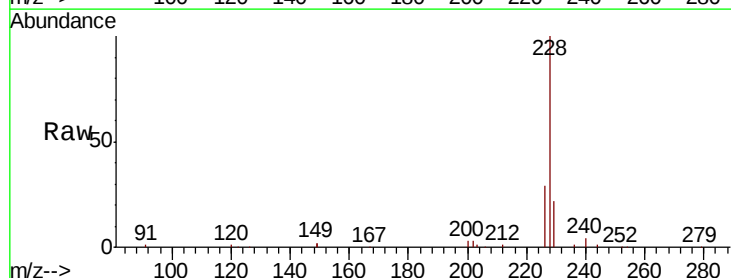
Tgt Ion:228 Resp: 88673

Ion Ratio Lower Upper

228 100

226 29.2 23.2 34.8

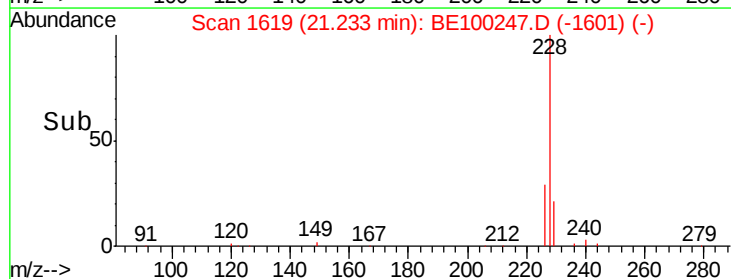
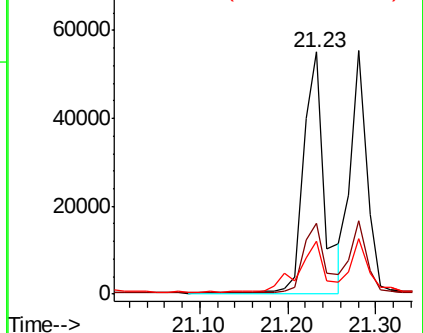
229 21.8 15.7 23.5



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: 2.526 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

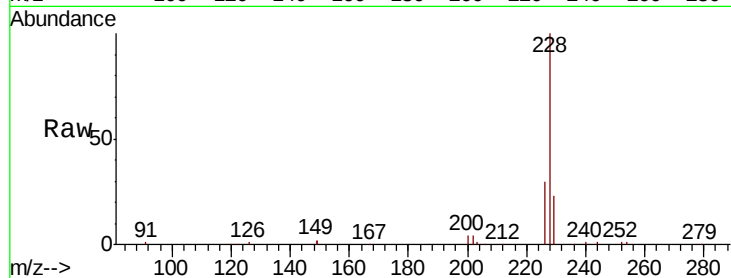
Tgt Ion: 228 Resp: 70268

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

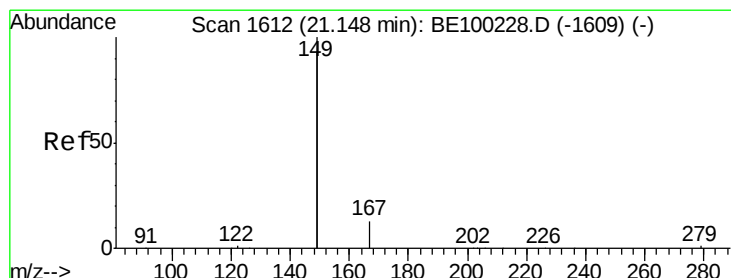
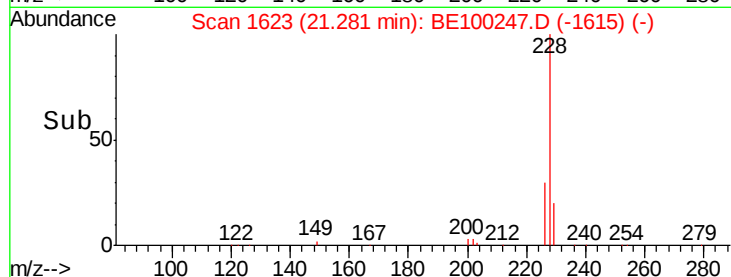
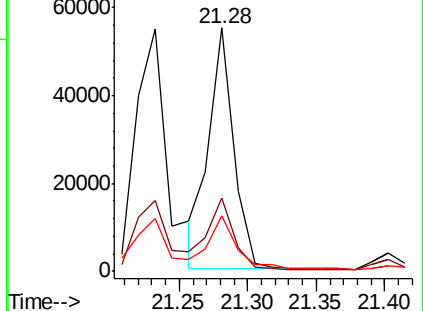
229 22.7 16.5 24.7



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: 0.117 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

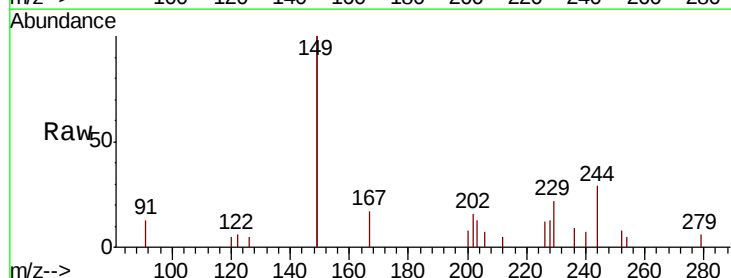
Tgt Ion: 149 Resp: 6835

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.8

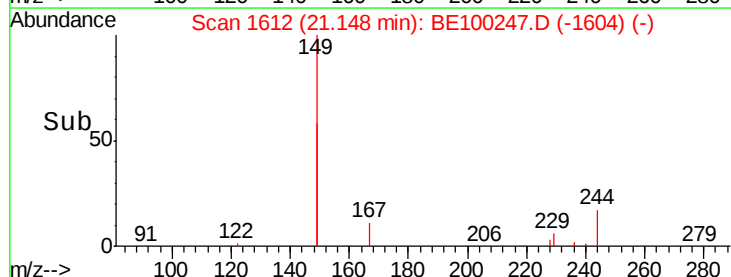
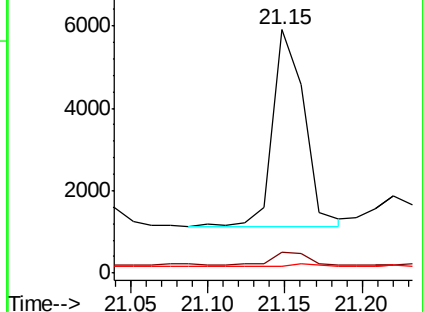
279 2.1 1.1 1.7#



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: 1.179 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

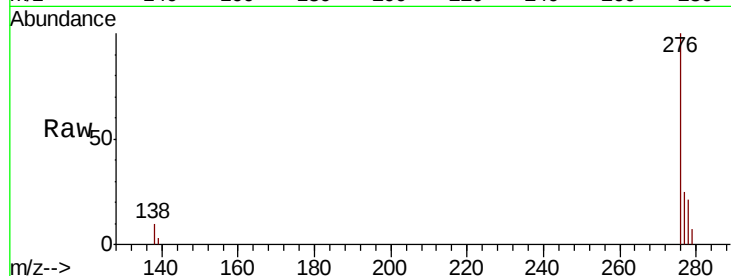
Tgt Ion:276 Resp: 43402

Ion Ratio Lower Upper

276 100

138 9.2 9.4 14.0#

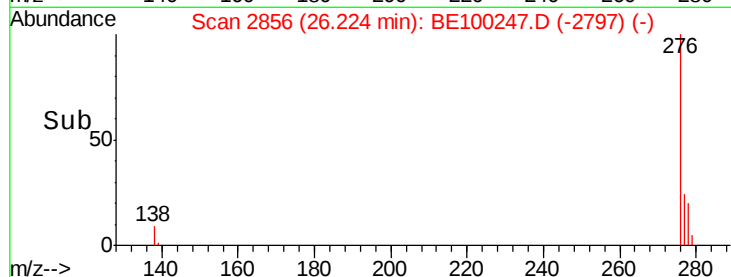
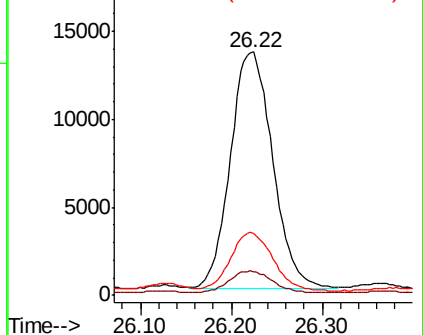
277 24.7 19.2 28.8



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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

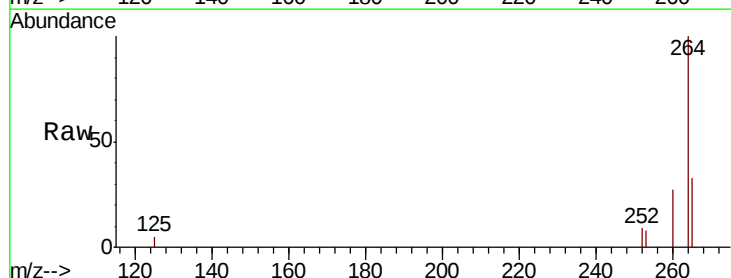
Tgt Ion:264 Resp: 10042

Ion Ratio Lower Upper

264 100

260 27.2 20.8 31.2

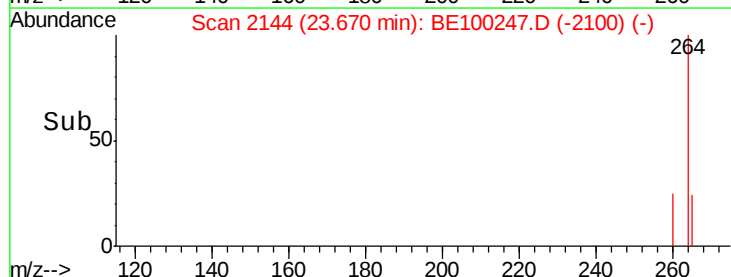
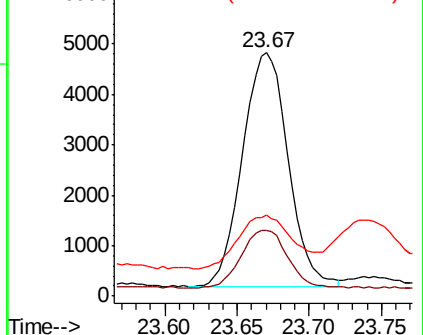
265 33.2 21.8 32.6#

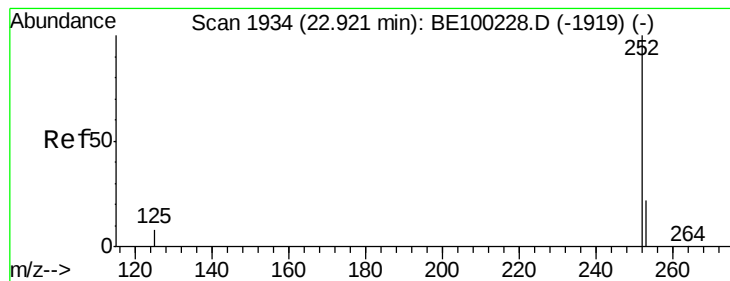


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.363 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

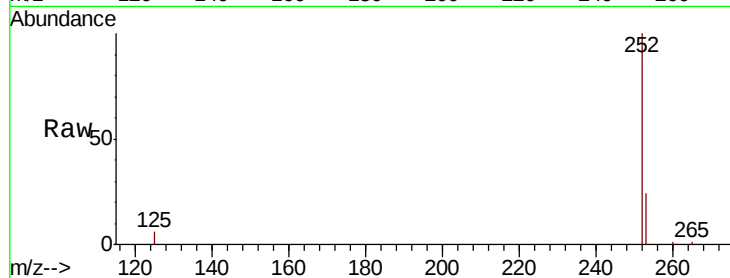
Tgt Ion:252 Resp: 91560

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

125 6.4 7.4 11.0#

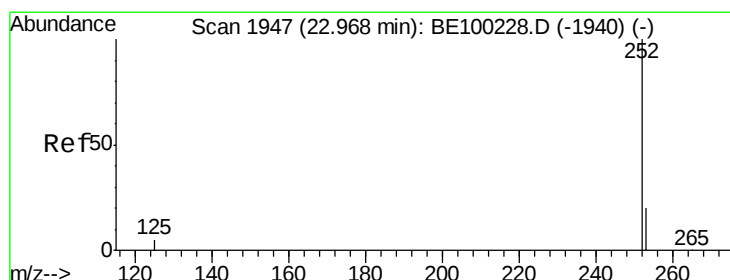
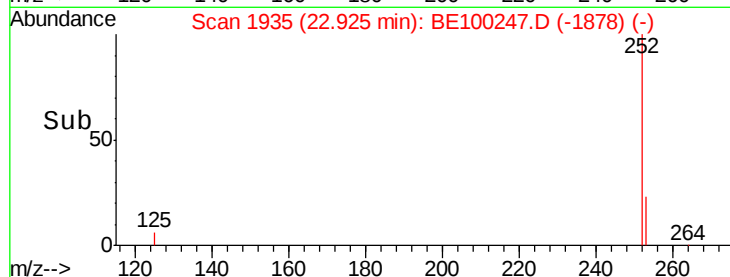
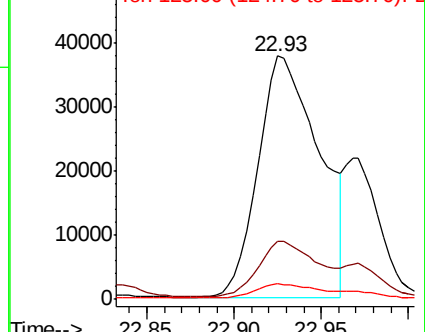


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 3.013 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

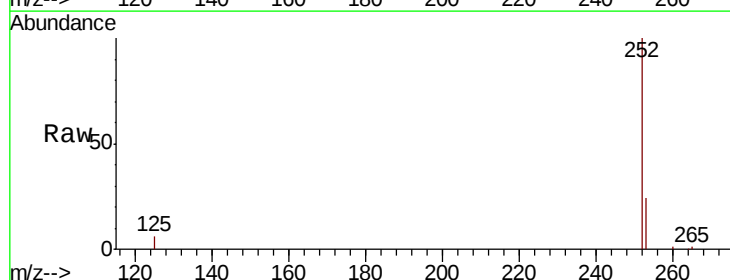
Tgt Ion:252 Resp: 91560

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 6.4 5.0 7.4

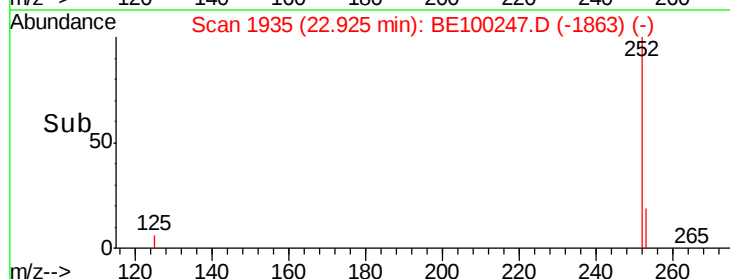
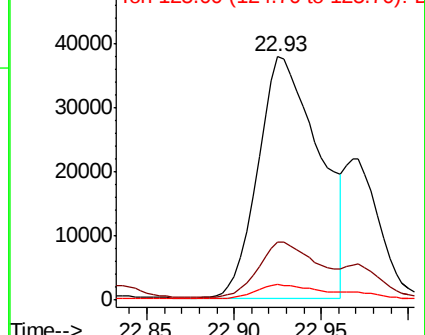


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 2.408 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819

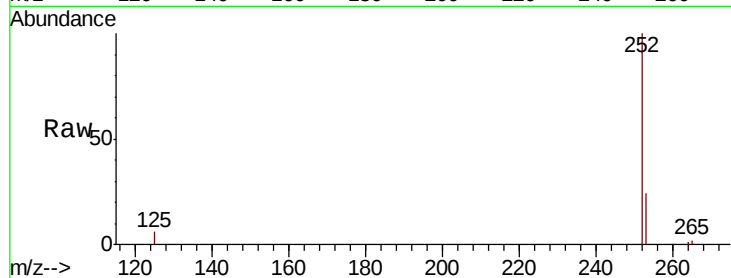
Tgt Ion:252 Resp: 65704

Ion Ratio Lower Upper

252 100

253 24.2 19.6 29.4

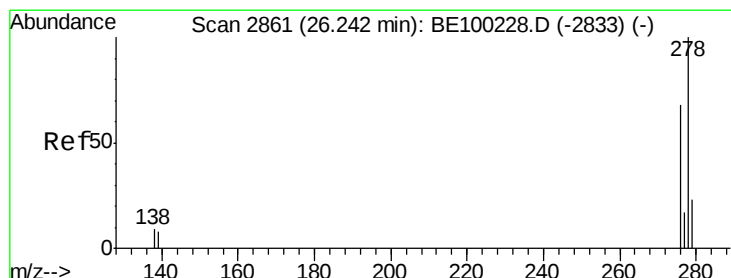
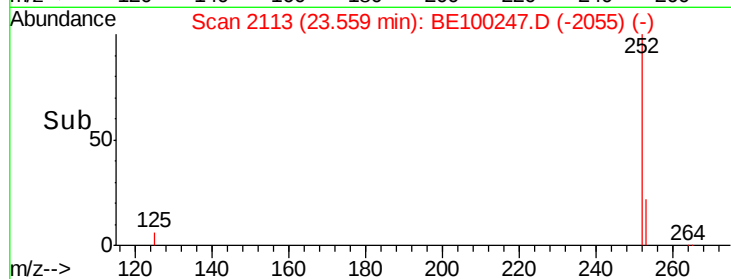
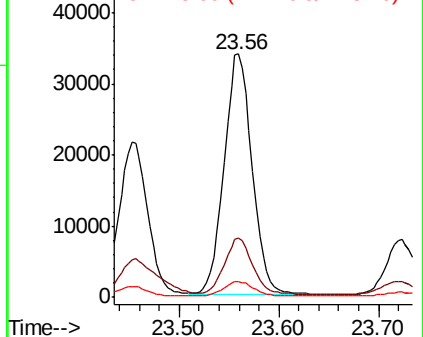
125 6.4 9.0 13.6#



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: 0.404 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100247.D

Acq: 28 Jun 2019 22:38

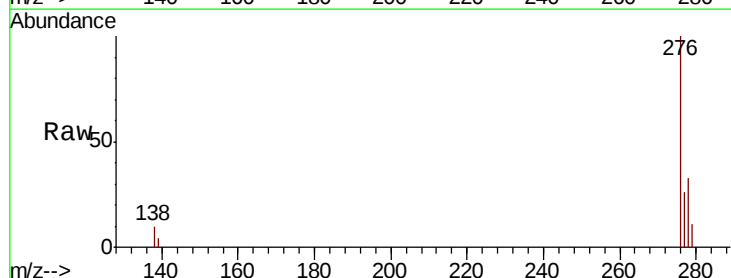
Tgt Ion:278 Resp: 11522

Ion Ratio Lower Upper

278 100

139 11.1 8.2 12.2

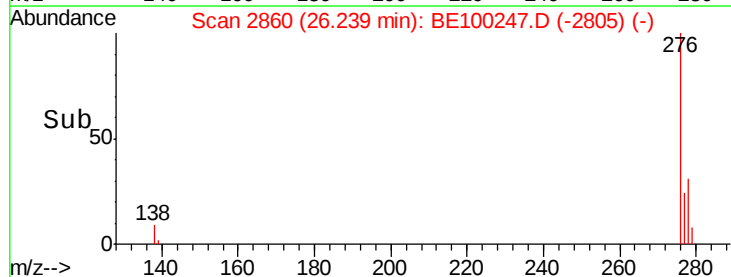
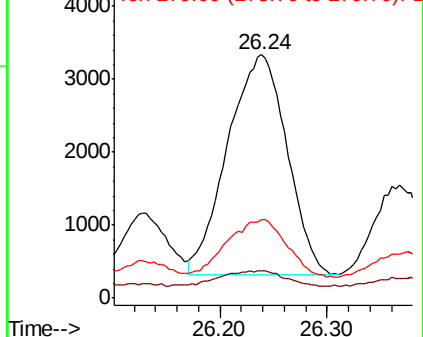
279 32.3 20.3 30.5#



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: 1.386 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100247.D

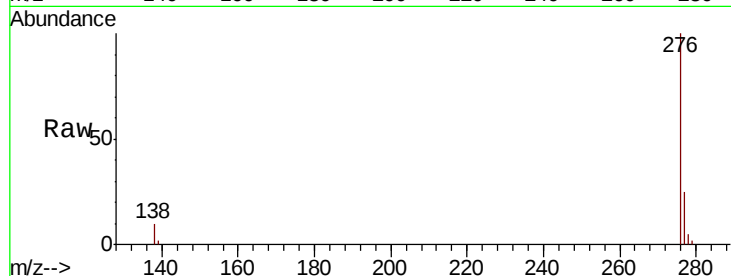
Acq: 28 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

EXT-007-SW124-061819



Tgt Ion: 276 Resp: 40567

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 10.3 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

