

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100349.D
 Acq On : 4 Jul 2019 3:38
 Operator : JU/SJ
 Sample : K3560-17 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-012-SW153-062419

Quant Time: Jul 05 01:13:04 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	691	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2501	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1941	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5627	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7355	0.40	ng	0.00
34) Perylene-d12	23.67	264	8767	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	102	0.06	ng	-0.01
5) Phenol-d6	6.83	99	133	0.06	ng	-0.01
8) Nitrobenzene-d5	8.81	82	117	0.05	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	303	0.06	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	81	0.06	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	416	0.06	ng	-0.01
25) Fluoranthene-d10	19.09	212	4206	0.05	ng	0.00
29) Terphenyl-d14	19.69	244	1403	0.09	ng	-0.01

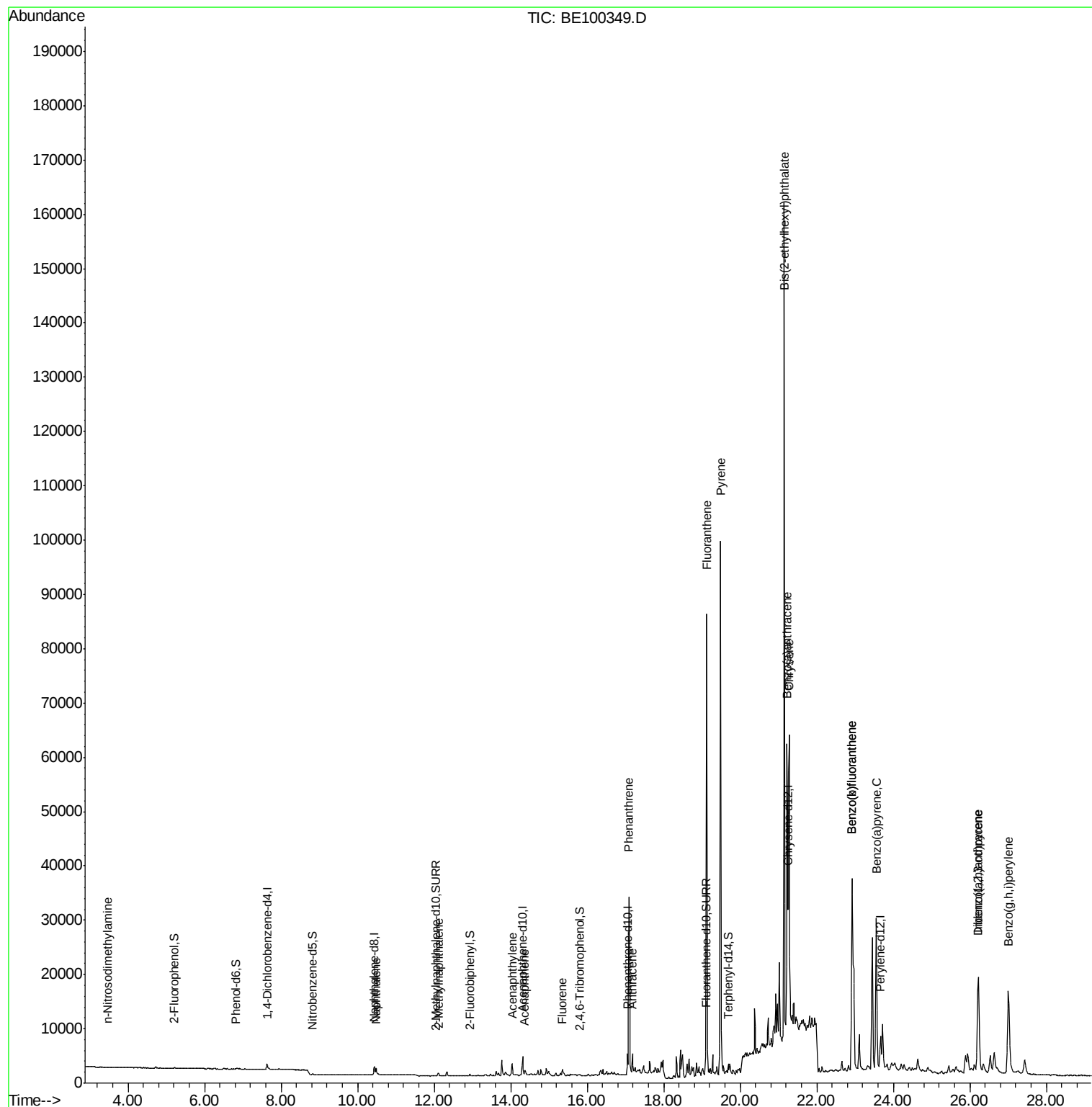
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.46	42	17	0.034	ng	# 1
9) Naphthalene	10.48	128	2444	0.089	ng	# 92
12) 2-Methylnaphthalene	12.11	142	466	0.096	ng	# 88
16) Acenaphthylene	14.04	152	3440	0.369	ng	99
17) Acenaphthene	14.37	154	410	0.078	ng	# 87
18) Fluorene	15.35	166	1218	0.156	ng	# 86
23) Phenanthrene	17.09	178	34398	2.522	ng	100
24) Anthracene	17.19	178	4400	0.358	ng	96
26) Fluoranthene	19.12	202	79315	3.651	ng	99
28) Pylene	19.48	202	93729	4.813	ng	96
30) Benzo(a)anthracene	21.22	228	51326	2.122	ng	96
31) Chrysene	21.28	228	59035	2.431	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	151830	4.384	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	36839	1.147	ng	# 97
35) Benzo(b)fluoranthene	22.92	252	68513	2.882	ng	# 97
36) Benzo(k)fluoranthene	22.92	252	68513	2.582	ng	98
37) Benzo(a)pyrene	23.55	252	47881	2.010	ng	# 95
38) Dibenzo(a,h)anthracene	26.23	278	8737	0.351	ng	# 84
39) Benzo(g,h,i)perylene	27.01	276	42350	1.657	ng	99

(#) = 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: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

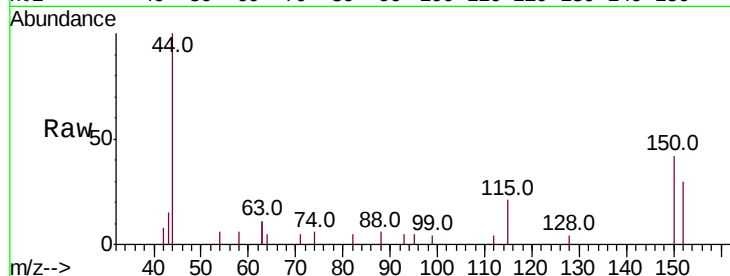
Tot Ion:152 Resp: 691

Ion Ratio Lower Upper

152 100

150 141.4 114.5 171.7

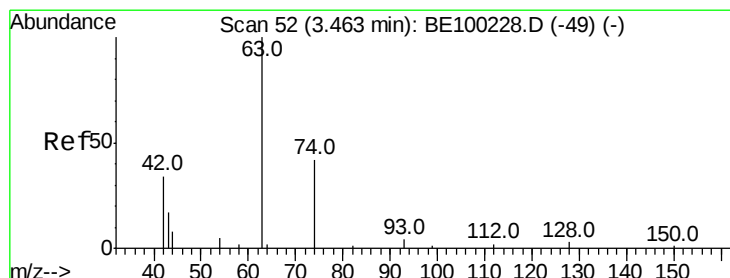
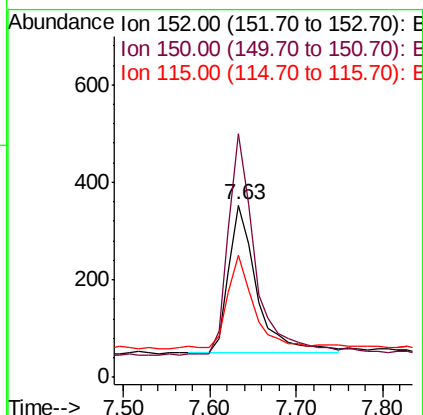
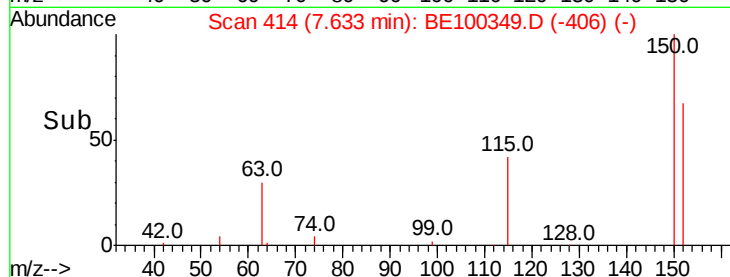
115 70.8 57.1 85.7



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



#3

n-Nitrosodimethylamine

Concen: 0.034 ng

RT: 3.46 min Scan# 52

Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

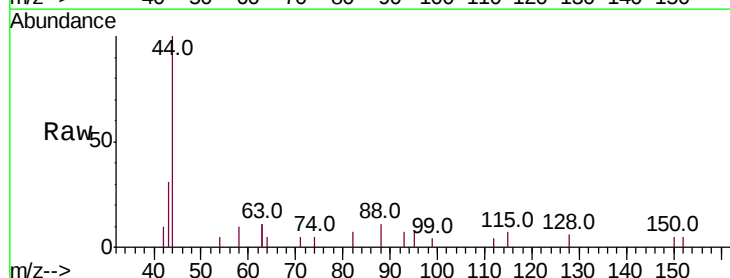
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

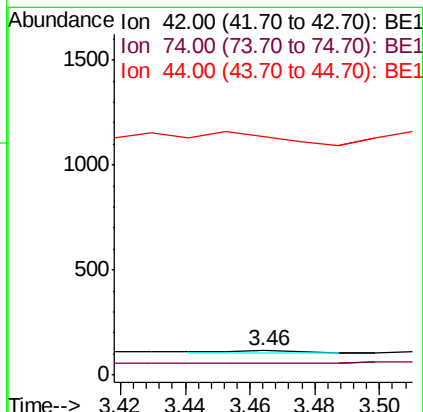
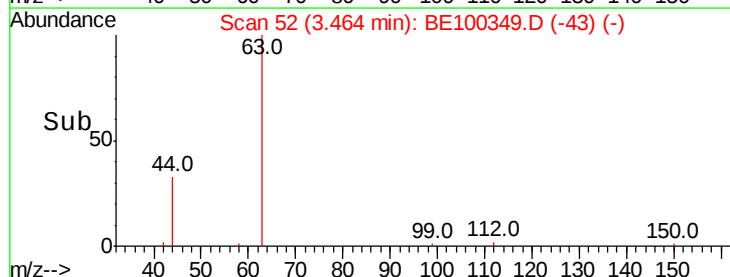
44 1176.5 38.0 57.0#

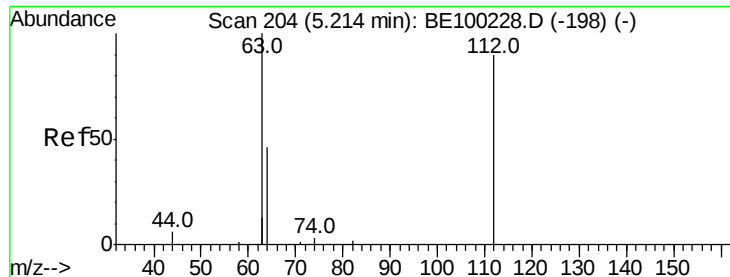


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.058 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

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EXT-012-SW153-062419

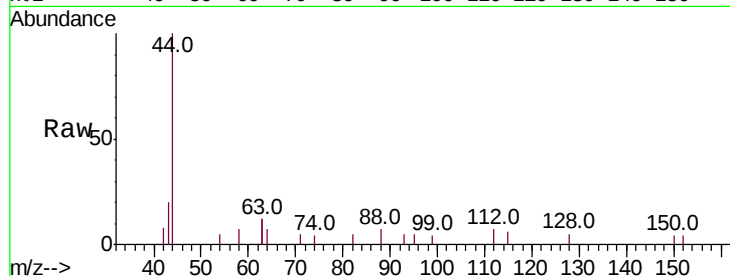
Tot Ion: 112 Resp: 102

Ion Ratio Lower Upper

112 100

64 64.7 39.4 59.0#

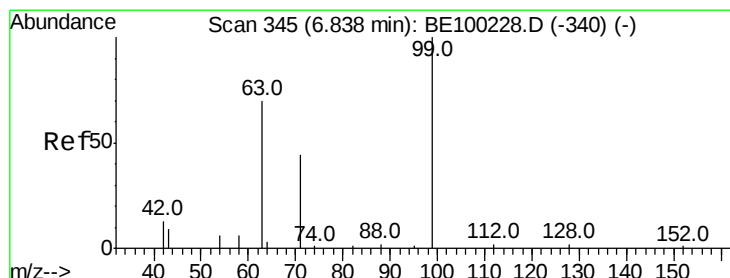
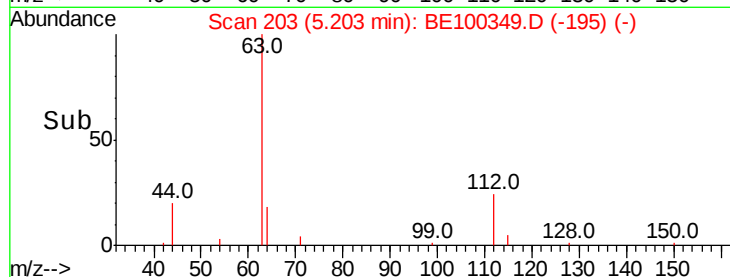
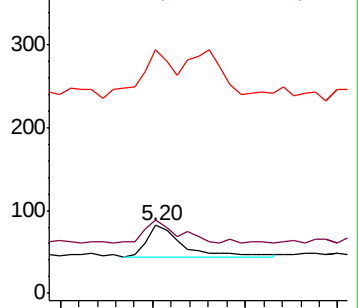
63 137.3 104.5 156.7



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: 0.057 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

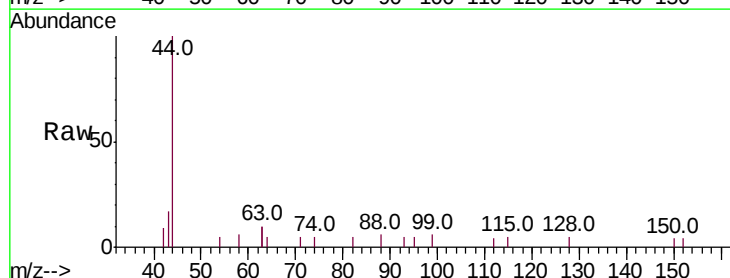
Tgt Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 20.3 11.2 16.8#

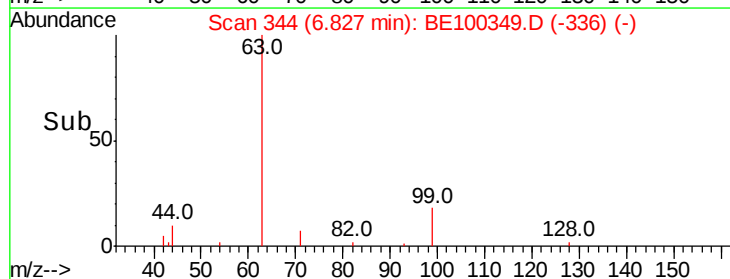
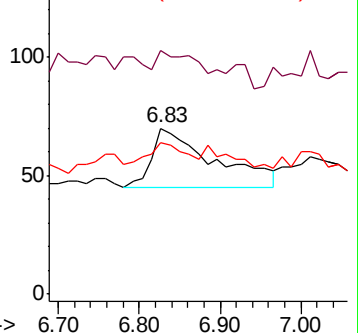
71 21.1 37.2 55.8#

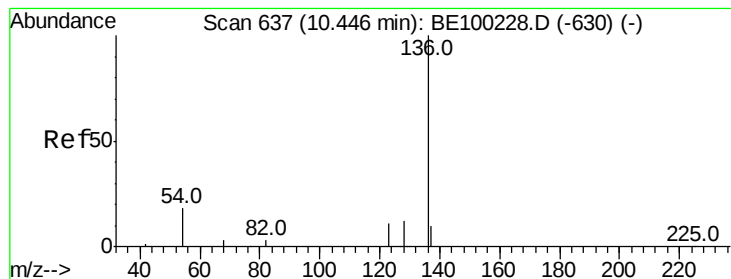


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

Tot Ion:136 Resp: 2501

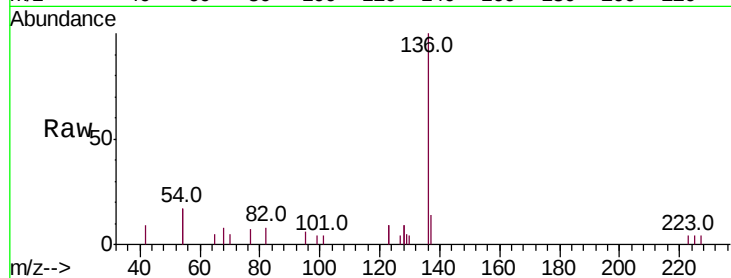
Ion Ratio Lower Upper

136 100

137 14.3 11.8 17.8

54 33.2 27.7 41.5

68 8.3 6.8 10.2

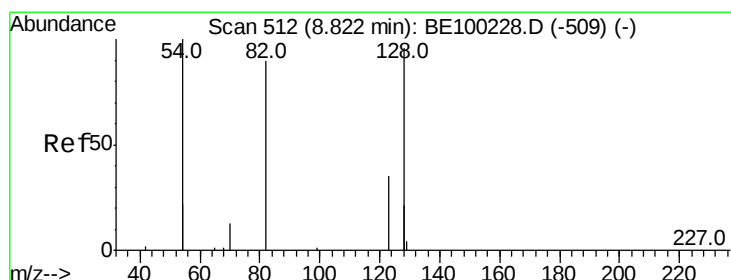
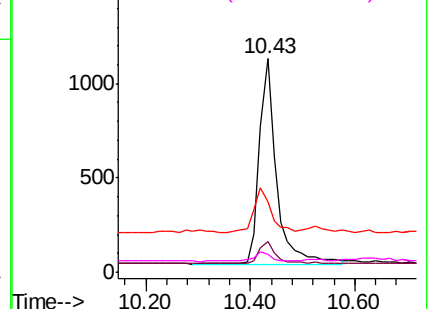
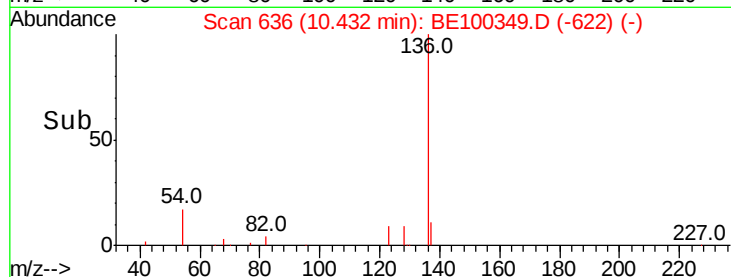


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.047 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

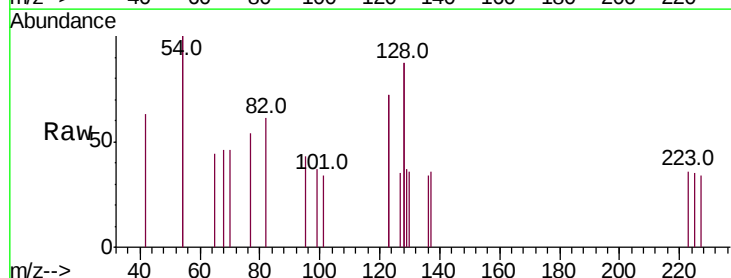
Tgt Ion: 82 Resp: 117

Ion Ratio Lower Upper

82 100

128 285.4 140.9 211.3#

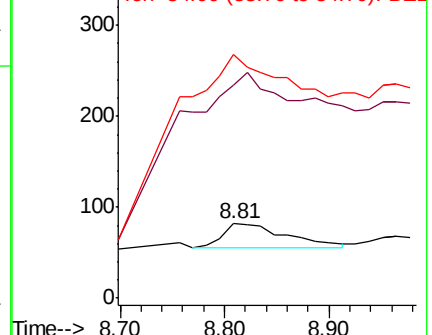
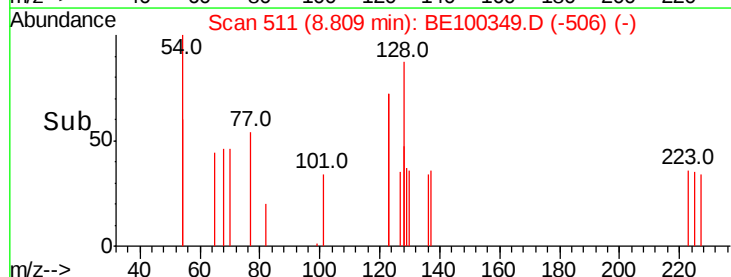
54 326.8 146.2 219.2#

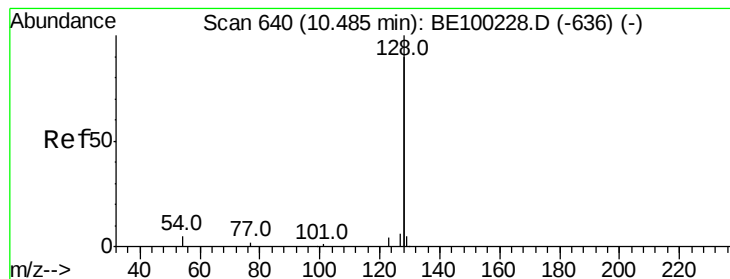


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.089 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

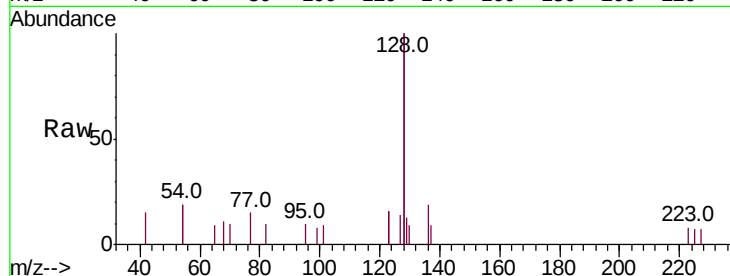
Tot Ion:128 Resp: 2444

Ion Ratio Lower Upper

128 100

129 6.7 3.0 4.6#

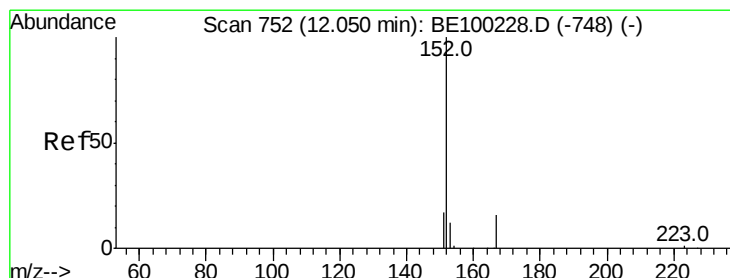
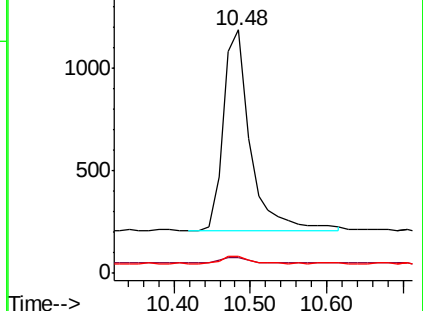
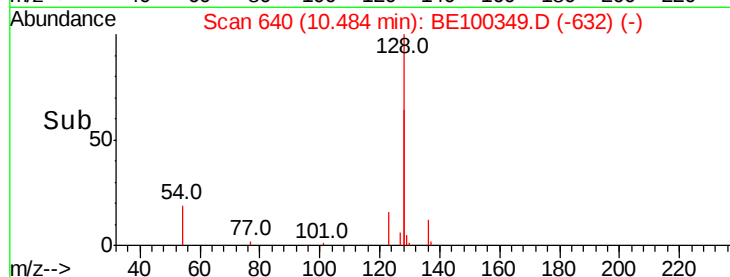
127 6.8 3.5 5.3#



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: 0.064 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100349.D

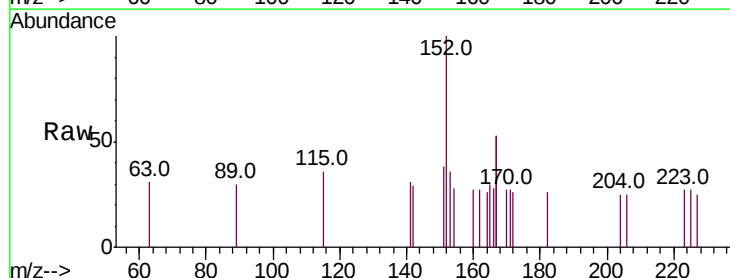
Acq: 4 Jul 2019 3:38

Tgt Ion:152 Resp: 303

Ion Ratio Lower Upper

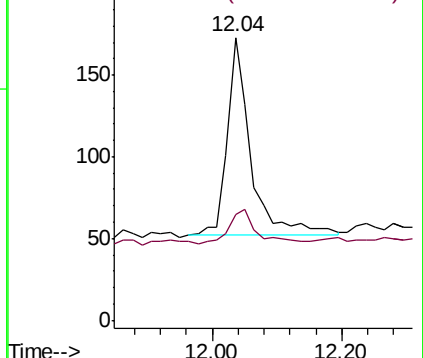
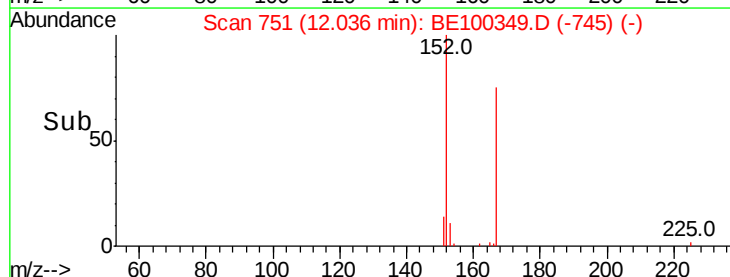
152 100

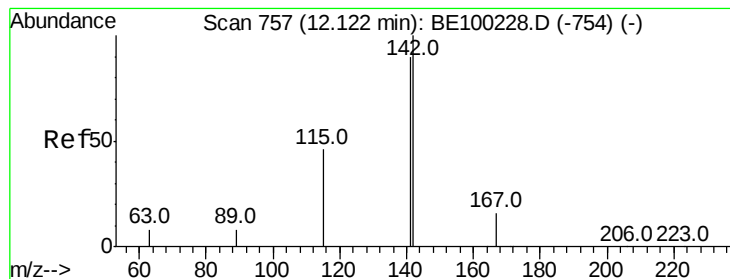
151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.096 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

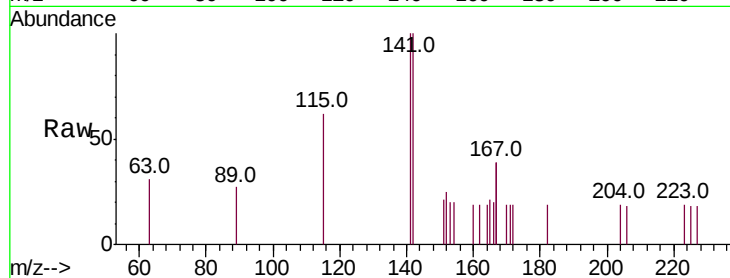
Tot Ion:142 Resp: 466

Ion Ratio Lower Upper

142 100

141 100.0 72.4 108.6

115 62.1 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

12.11

250

200

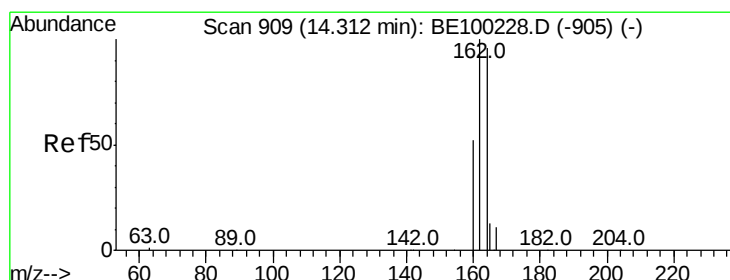
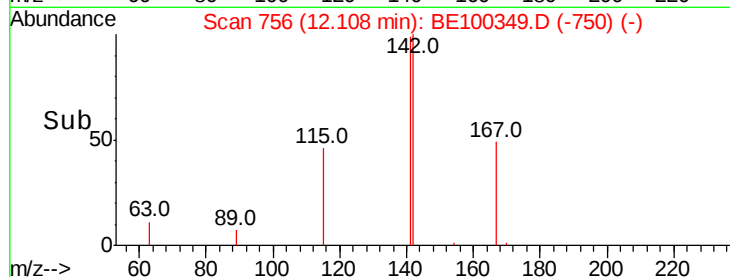
150

100

50

0

Time--> 12.00 12.10 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

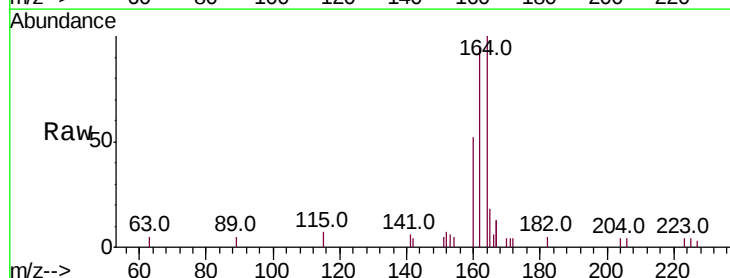
Tgt Ion:164 Resp: 1941

Ion Ratio Lower Upper

164 100

162 95.5 83.4 125.0

160 52.4 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

14.31

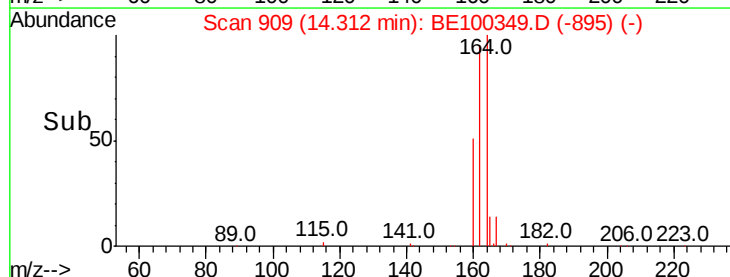
1500

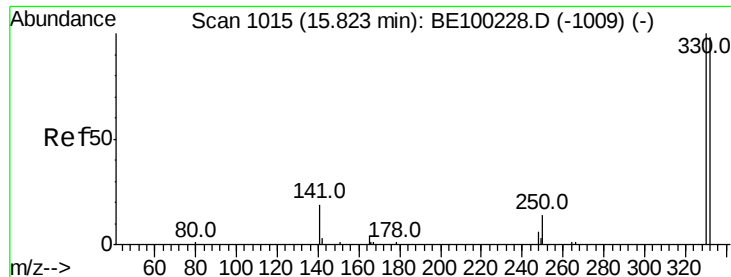
1000

500

0

Time--> 14.20 14.30 14.40

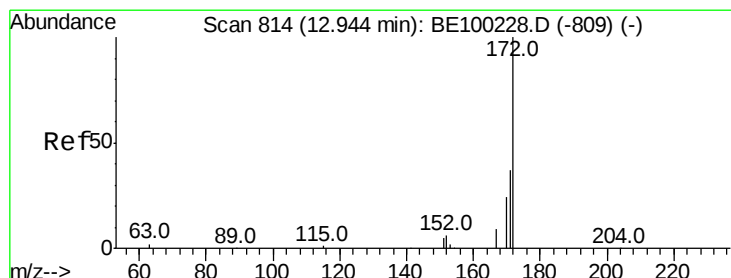
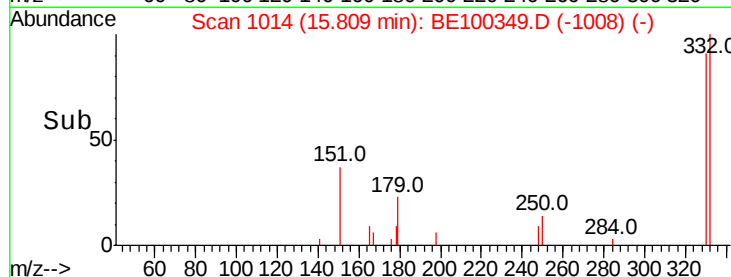
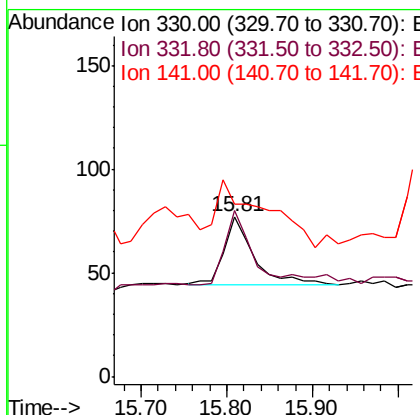
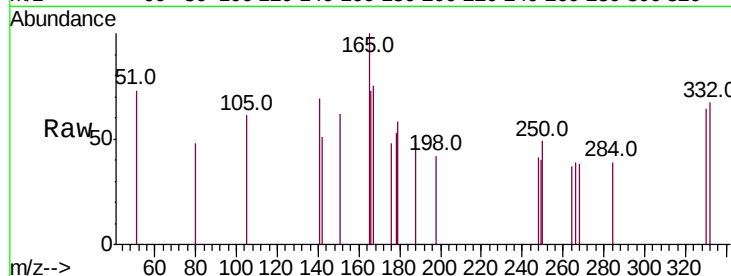




#14
 2,4,6-Tribromophenol
 Concen: 0.060 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100349.D
 Acq: 4 Jul 2019 3:38

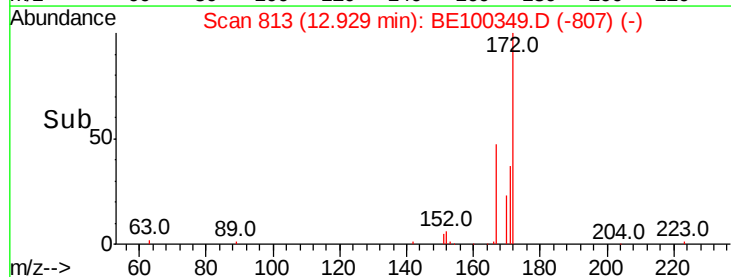
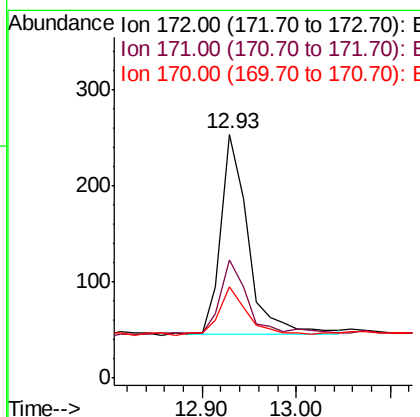
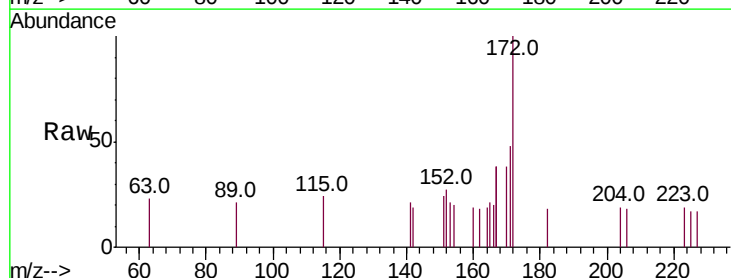
Instrument :
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 EXT-012-SW153-062419

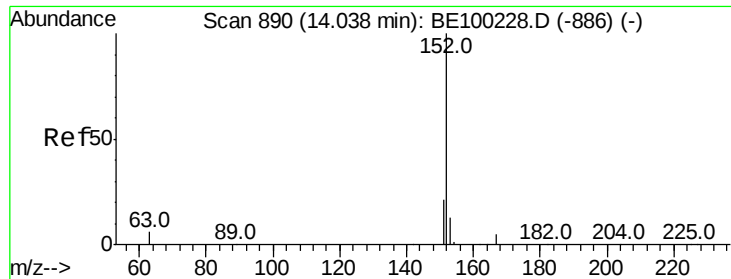
Tot Ion:330 Resp: 81
 Ion Ratio Lower Upper
 330 100
 332 117.3 77.0 115.4#
 141 163.0 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.055 ng
 RT: 12.93 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BE100349.D
 Acq: 4 Jul 2019 3:38

Tgt Ion:172 Resp: 416
 Ion Ratio Lower Upper
 172 100
 171 48.2 31.9 47.9#
 170 37.5 22.2 33.2#

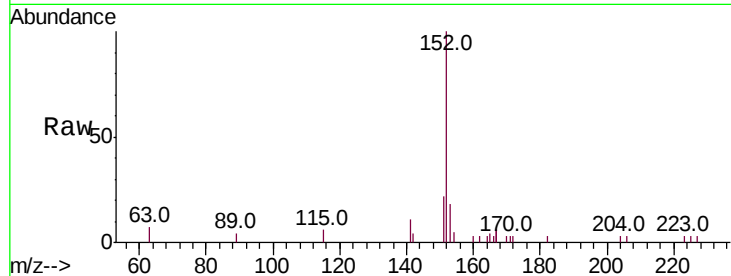




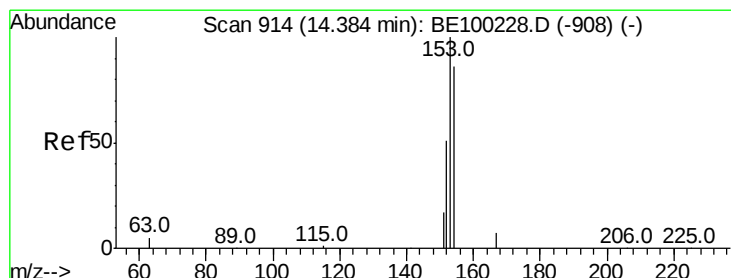
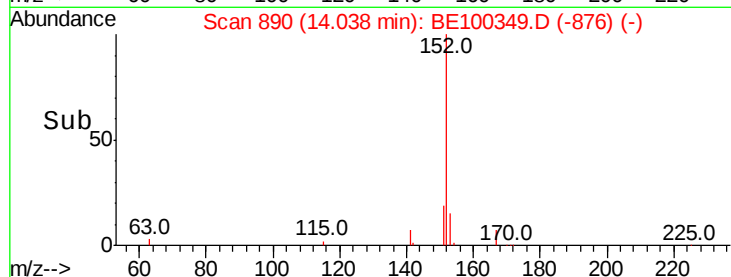
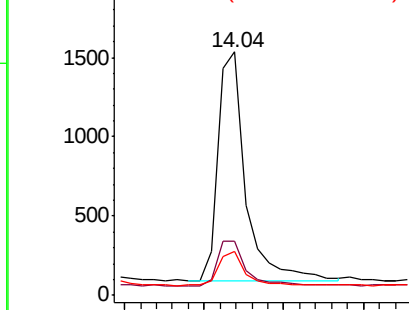
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

Instrument :
BNA_E
ClientSampleId :
EXT-012-SW153-062419

Tot Ion:152 Resp: 3440
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 14.2 10.5 15.7

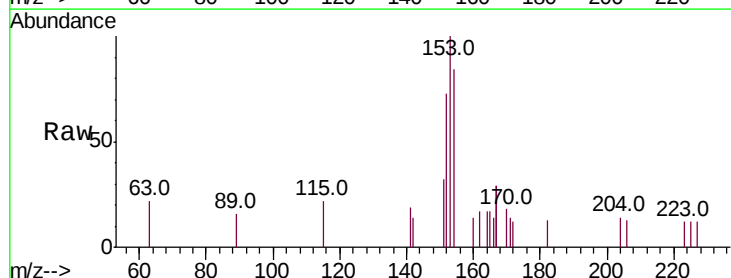


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

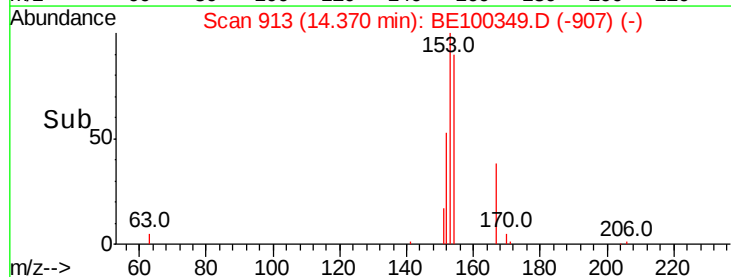
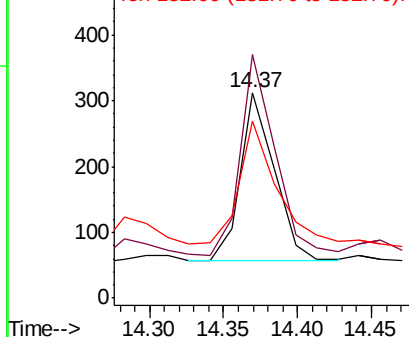


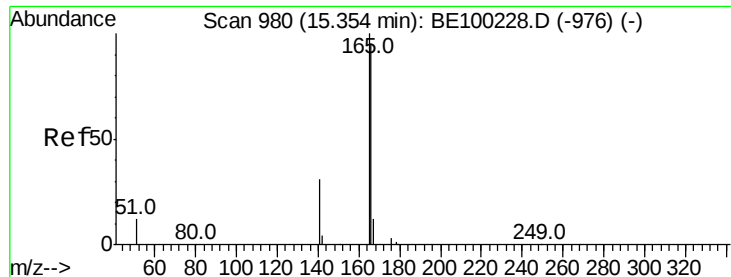
#17
Acenaphthene
Concen: 0.078 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

Tgt Ion:154 Resp: 410
Ion Ratio Lower Upper
154 100
153 120.0 93.4 140.2
152 87.1 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: 0.156 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

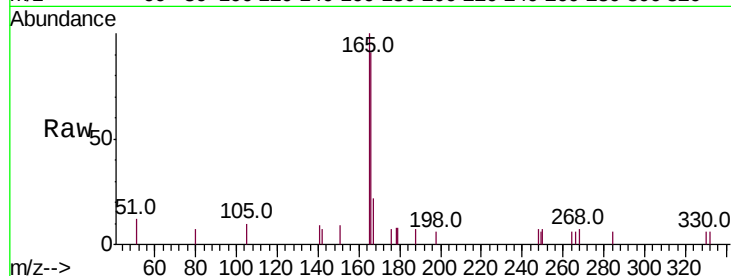
Tot Ion:166 Resp: 1218

Ion Ratio Lower Upper

166 100

165 115.0 81.1 121.7

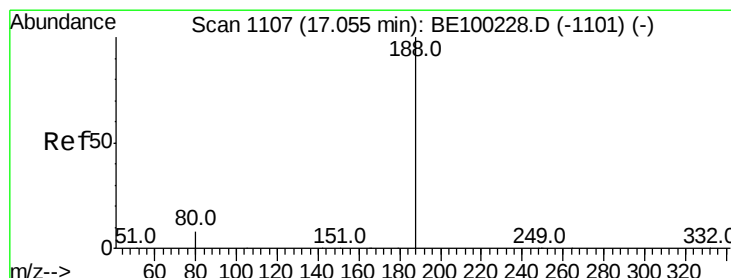
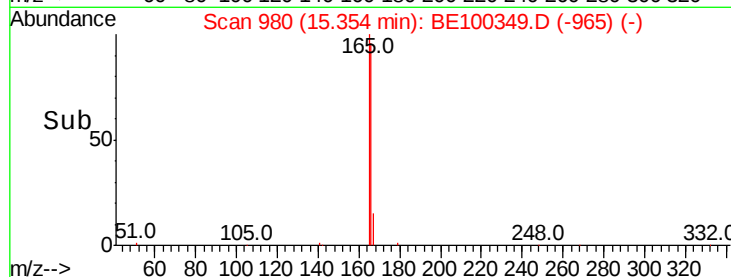
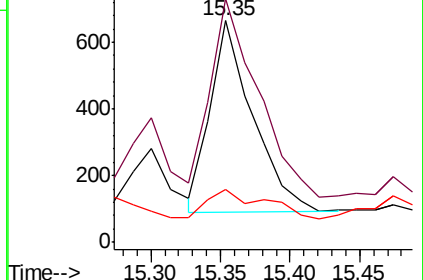
167 21.3 10.7 16.1#



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: BE100349.D

Acq: 4 Jul 2019 3:38

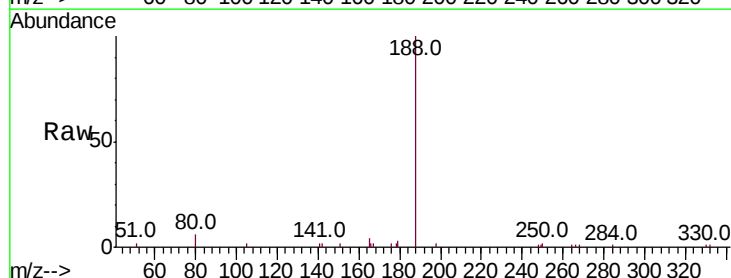
Tgt Ion:188 Resp: 5627

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

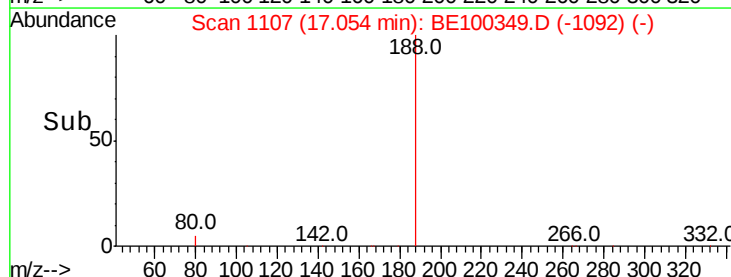
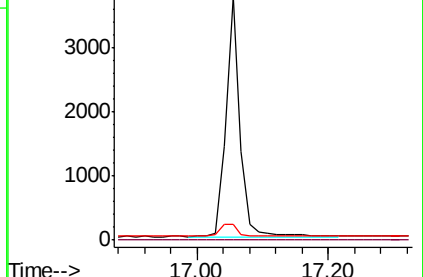
80 6.3 7.6 11.4#

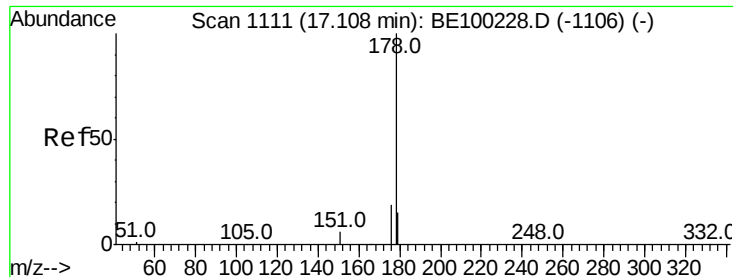


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 2.522 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

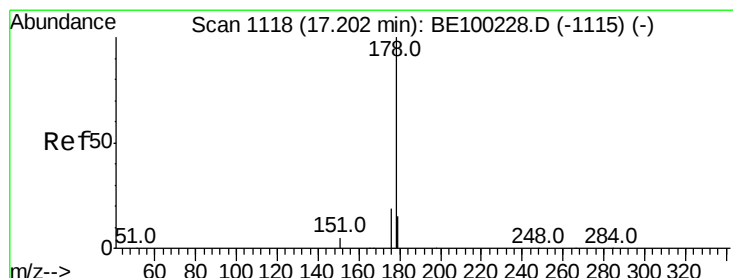
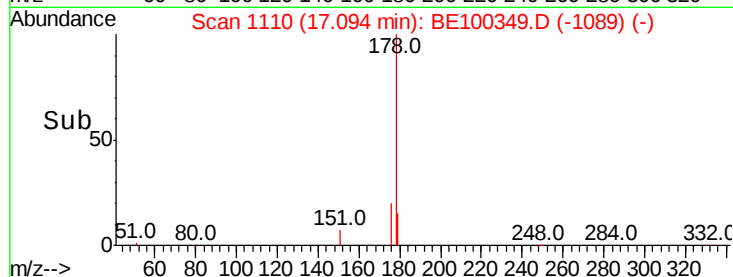
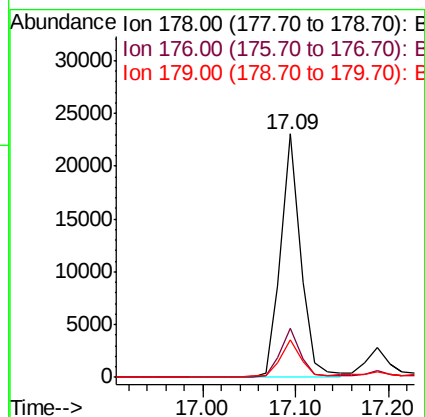
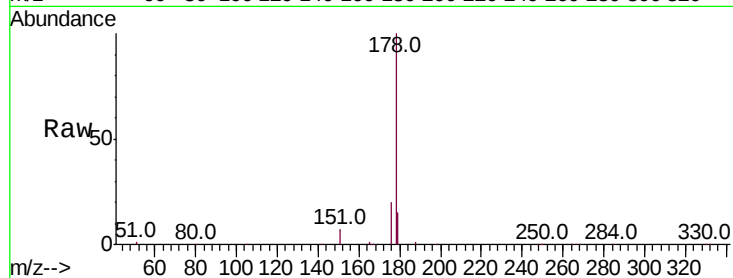
Tot Ion:178 Resp: 34398

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.3 12.2 18.2



#24

Anthracene

Concen: 0.358 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

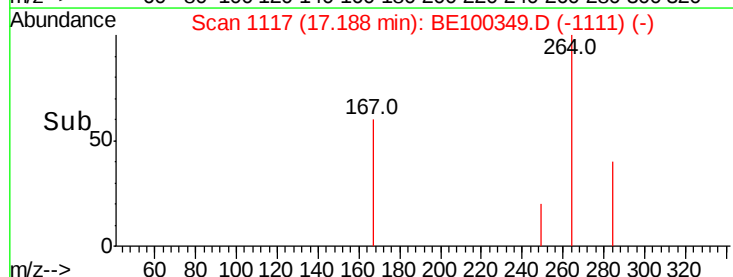
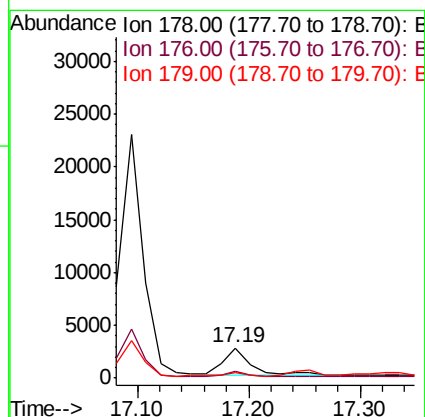
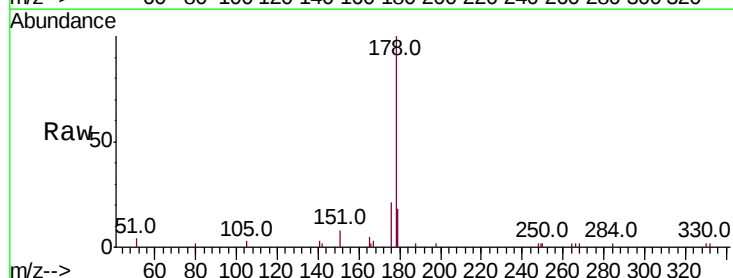
Tgt Ion:178 Resp: 4400

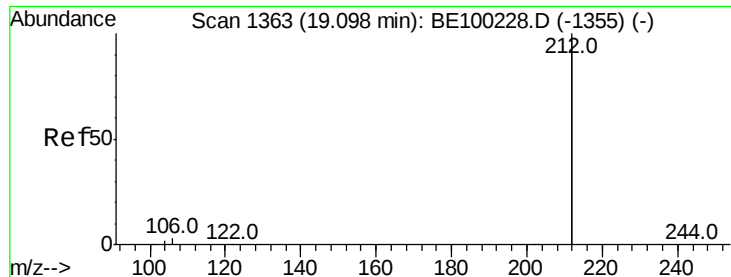
Ion Ratio Lower Upper

178 100

176 18.2 15.3 22.9

179 12.7 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.052 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

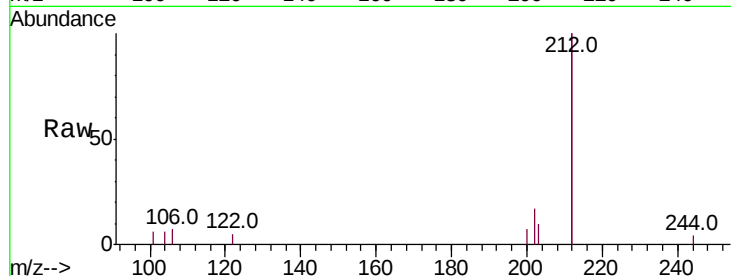
Tot Ion:212 Resp: 4206

Ion Ratio Lower Upper

212 100

106 2.0 1.3 1.9#

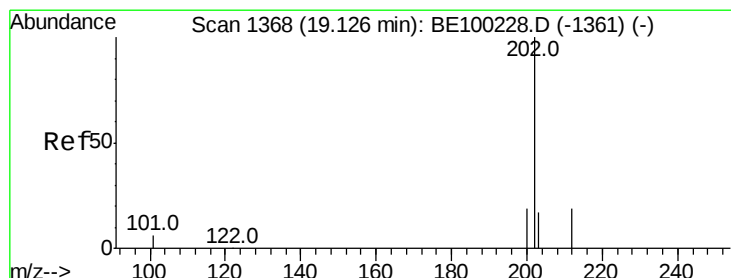
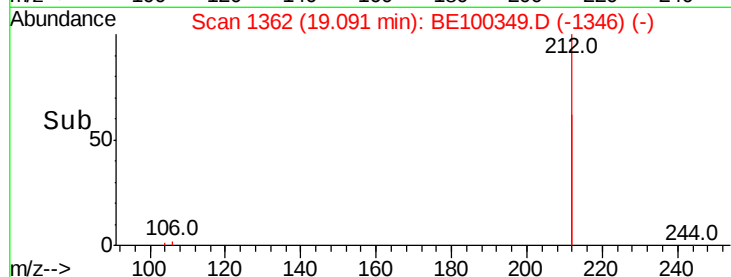
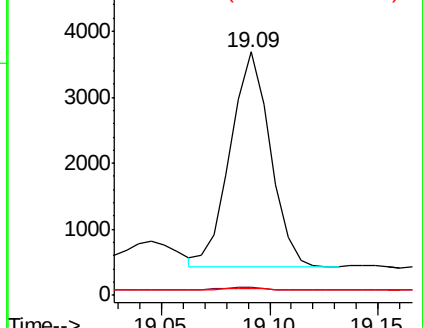
104 1.0 0.8 1.2



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: 3.651 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

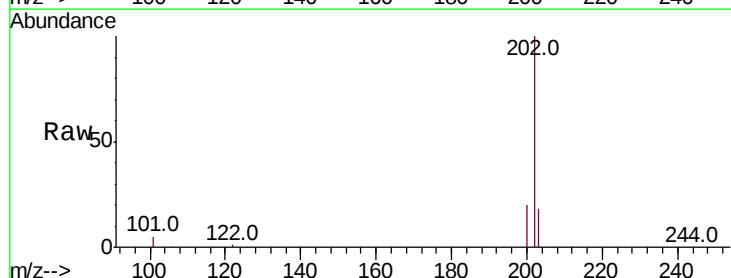
Tgt Ion:202 Resp: 79315

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

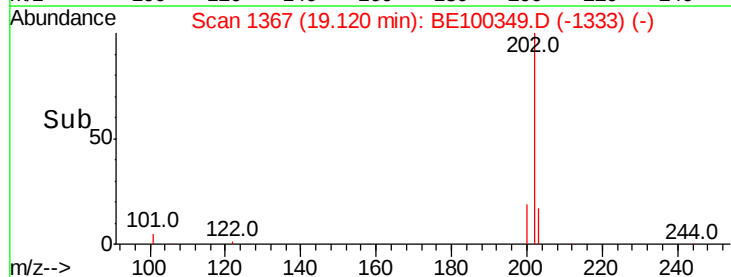
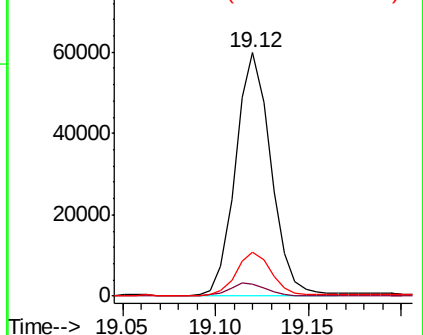
203 17.7 13.7 20.5

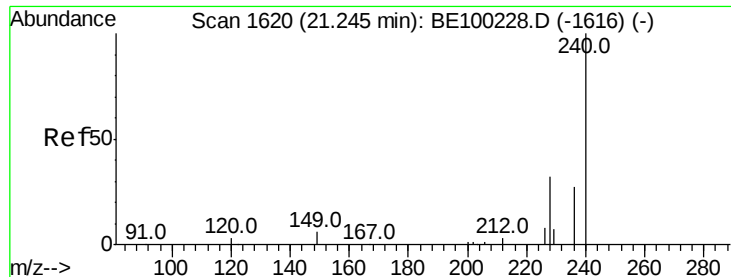


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

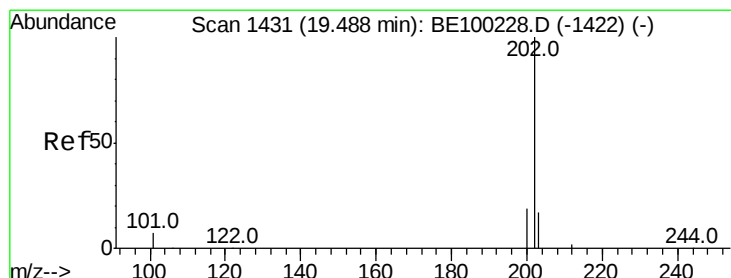
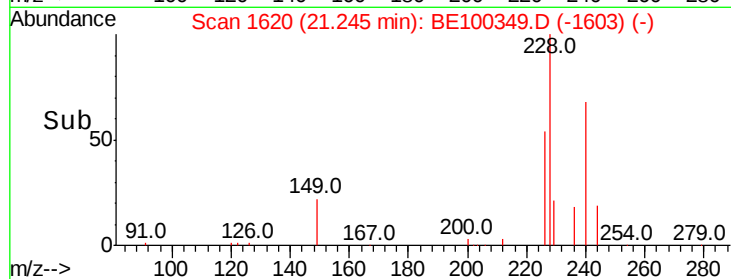
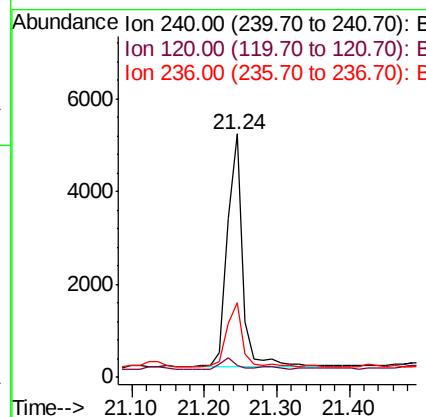
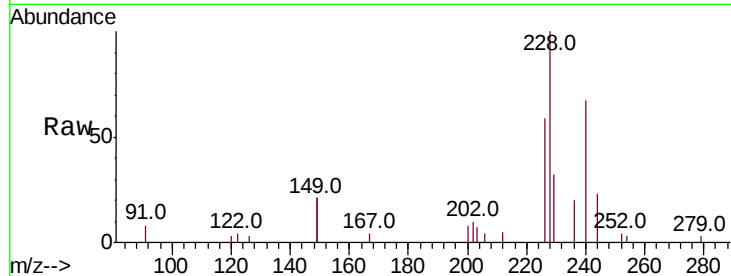




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

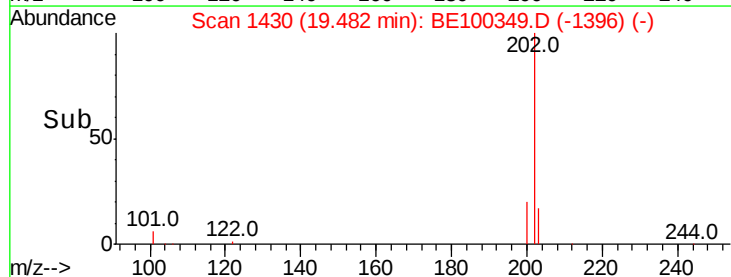
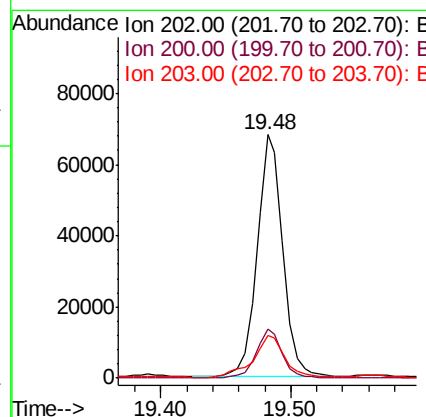
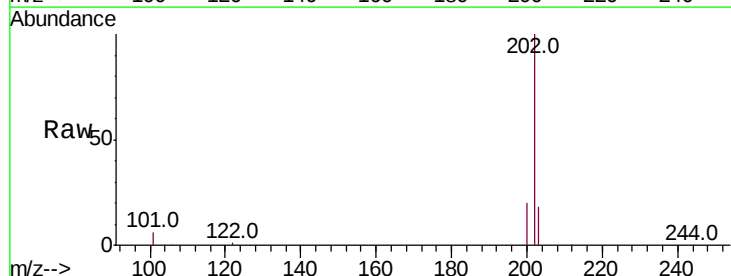
Instrument :
BNA_E
ClientSampleId :
EXT-012-SW153-062419

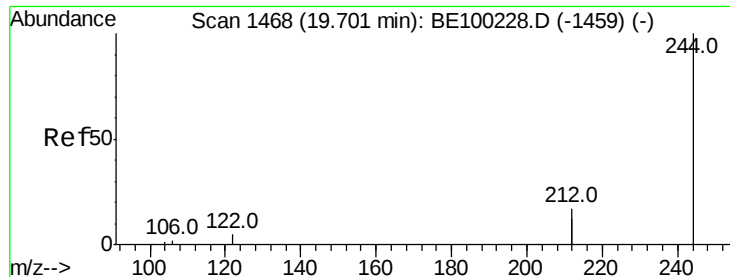
Tot Ion:240 Resp: 7355
Ion Ratio Lower Upper
240 100
120 5.1 3.3 4.9#
236 30.4 22.6 34.0



#28
Pyrene
Concen: 4.813 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

Tgt Ion:202 Resp: 93729
Ion Ratio Lower Upper
202 100
200 19.8 15.6 23.4
203 20.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.092 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

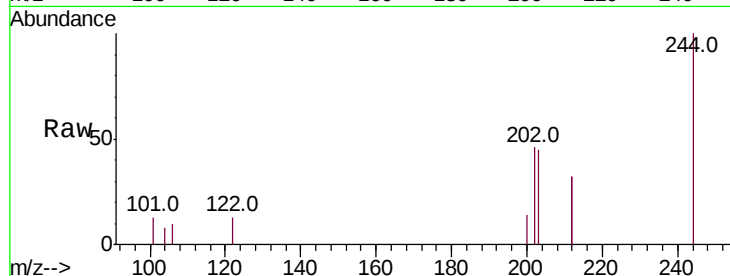
Tot Ion:244 Resp: 1403

Ion Ratio Lower Upper

244 100

212 63.3 27.3 40.9#

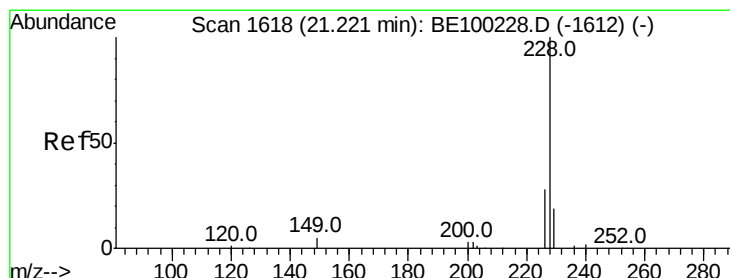
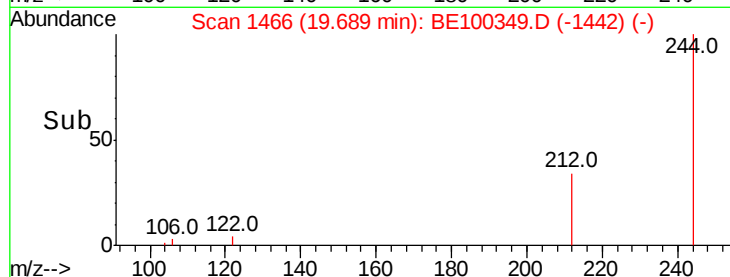
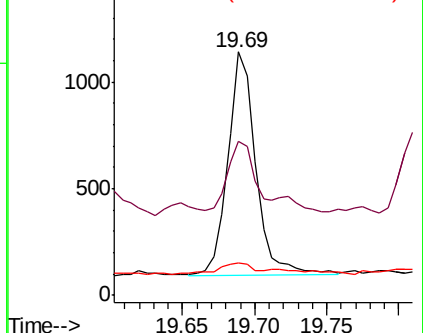
122 13.2 4.7 7.1#



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: 2.122 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

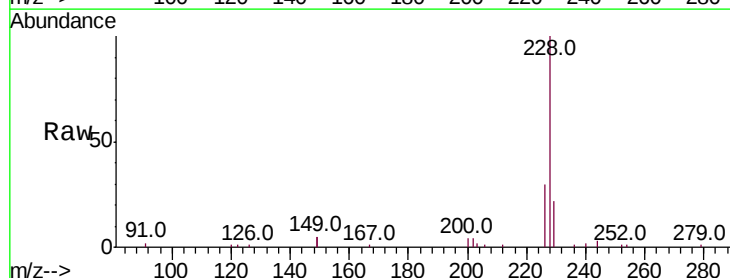
Tgt Ion:228 Resp: 51326

Ion Ratio Lower Upper

228 100

226 30.2 23.2 34.8

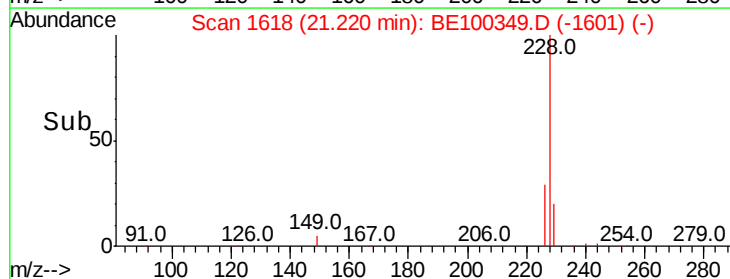
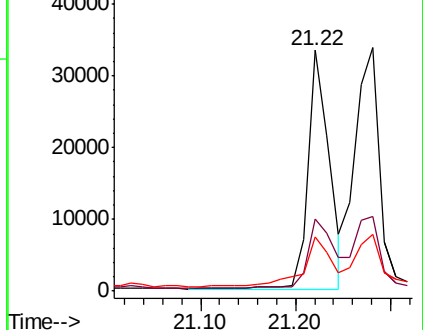
229 22.4 15.7 23.5

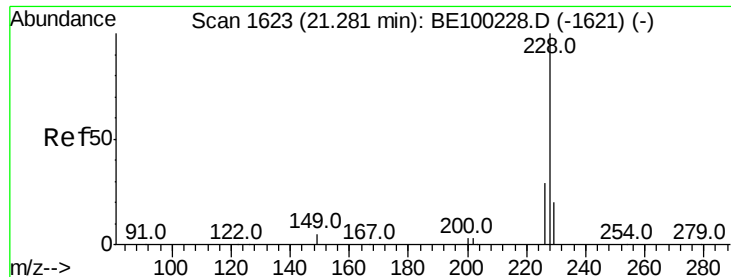


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.431 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

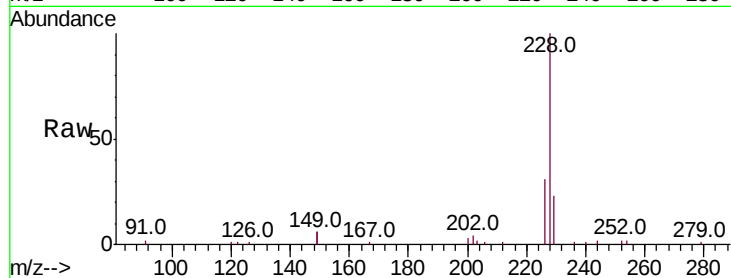
BNA_E

ClientSampleId :

EXT-012-SW153-062419

Tot Ion:228 Resp: 59035

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	23.1	16.5	24.7

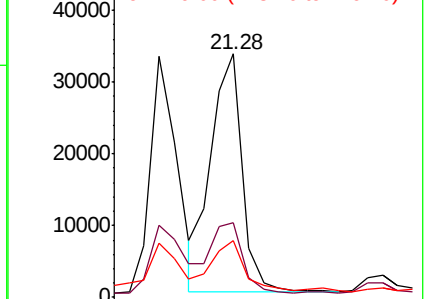


Abundance

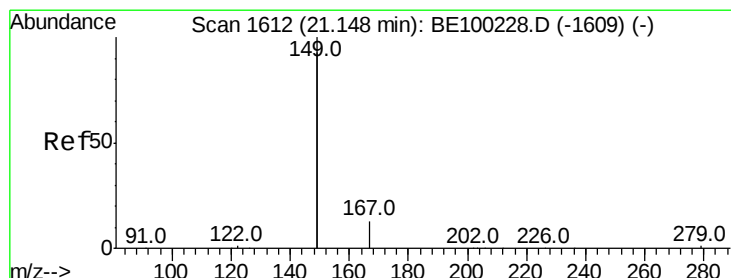
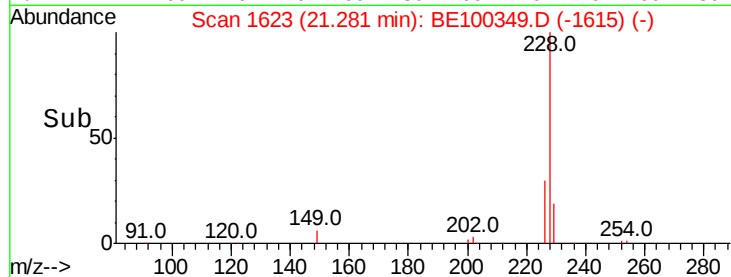
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.384 ng

RT: 21.15 min Scan# 1612

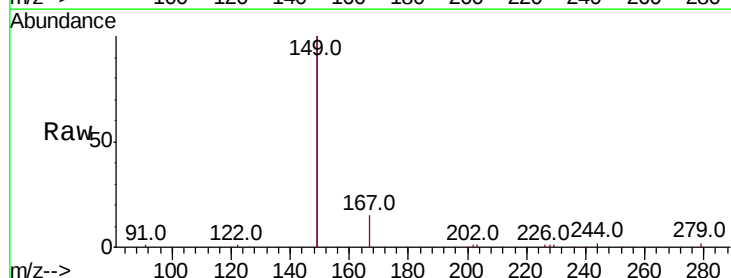
Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Tgt Ion:149 Resp: 151830

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.8
279	1.5	1.1	1.7

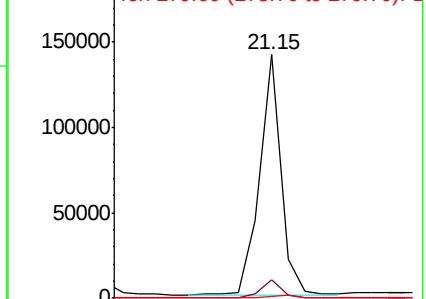


Abundance

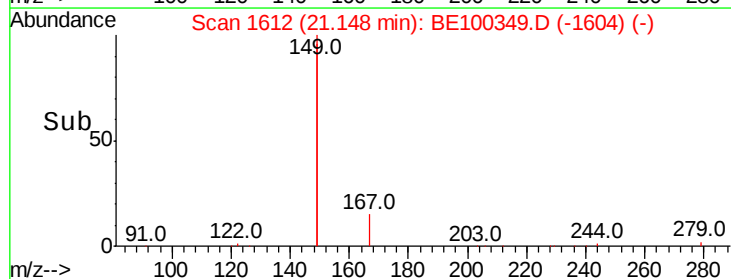
Ion 149.00 (148.70 to 149.70): E

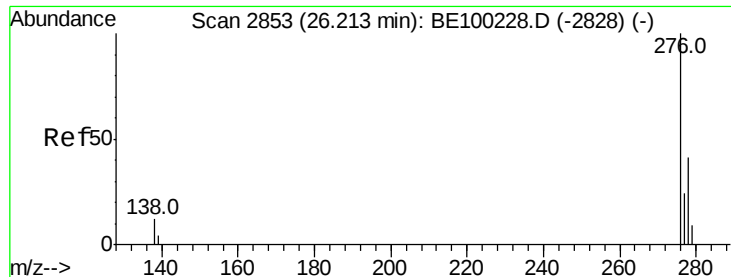
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.147 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

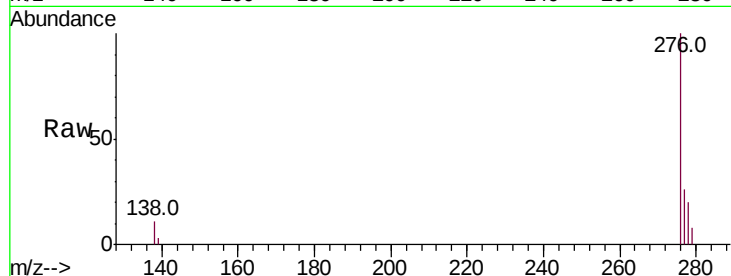
Tot Ion:276 Resp: 36839

Ion Ratio Lower Upper

276 100

138 8.8 9.4 14.0#

277 23.9 19.2 28.8

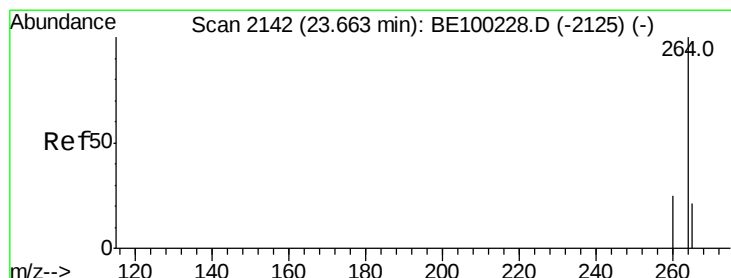
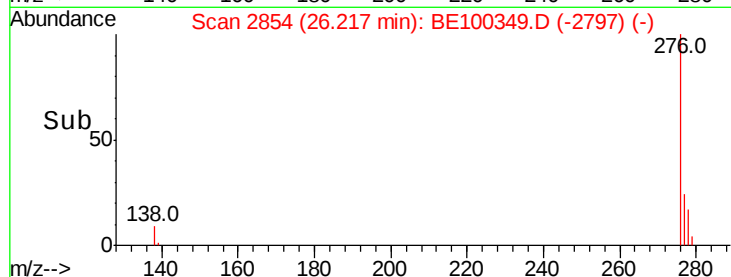
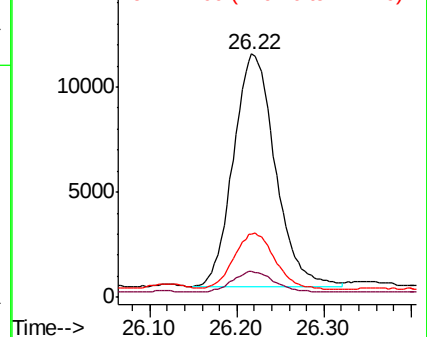


Abundance

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# 2143

Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

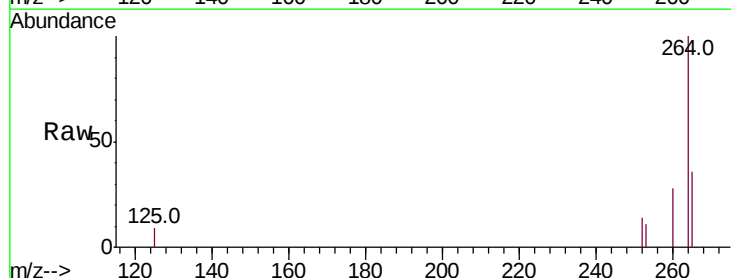
Tgt Ion:264 Resp: 8767

Ion Ratio Lower Upper

264 100

260 28.4 20.8 31.2

265 36.1 21.8 32.6#

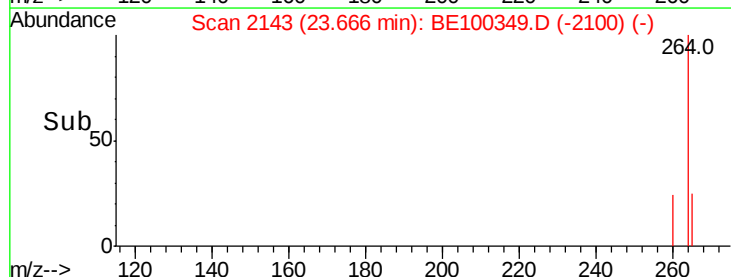
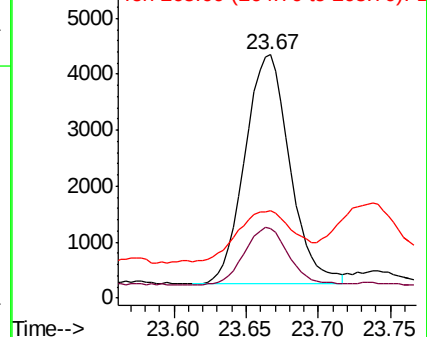


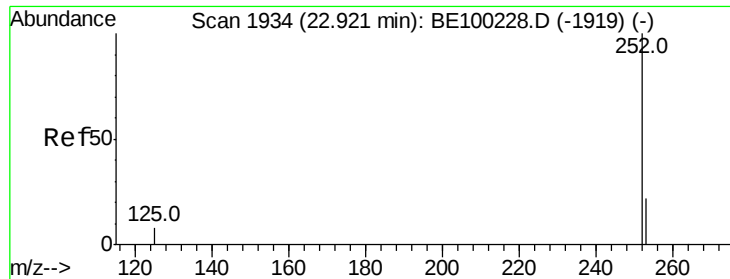
Abundance

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

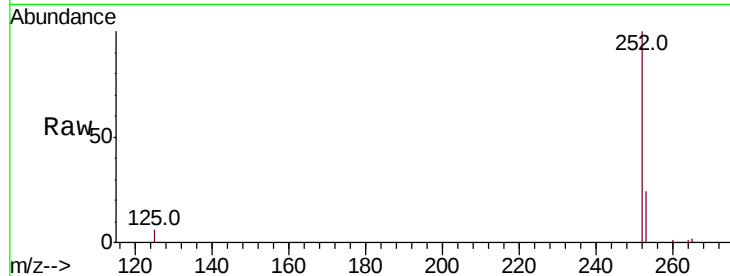




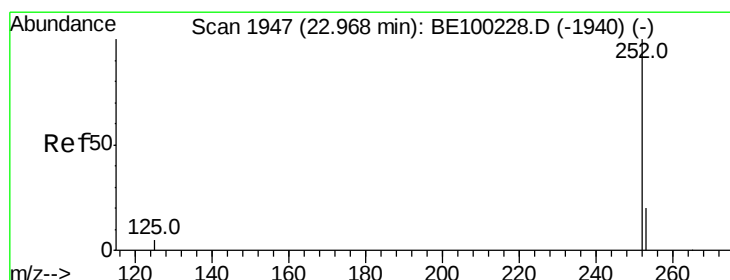
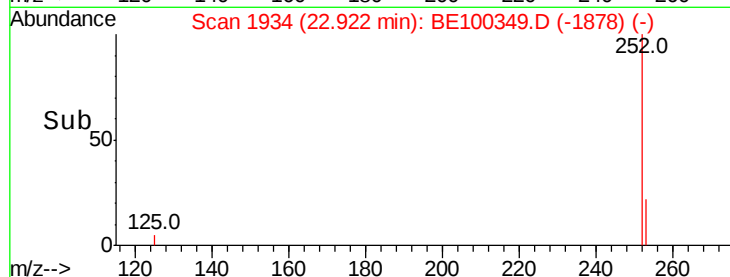
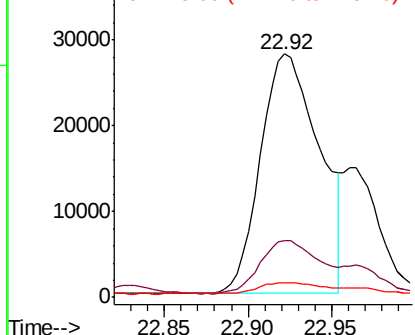
#35
Benzo(b)fluoranthene
Concen: 2.882 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

Instrument :
BNA_E
ClientSampleId :
EXT-012-SW153-062419

Tot Ion:252 Resp: 68513
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 6.0 7.4 11.0#

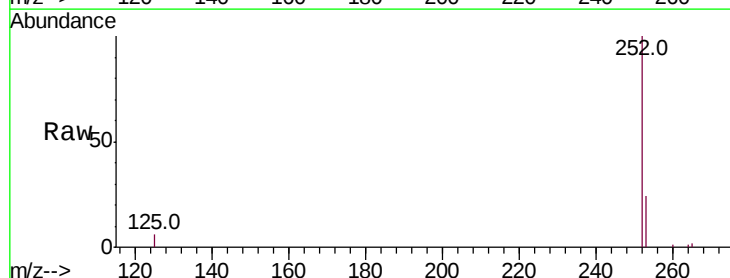


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

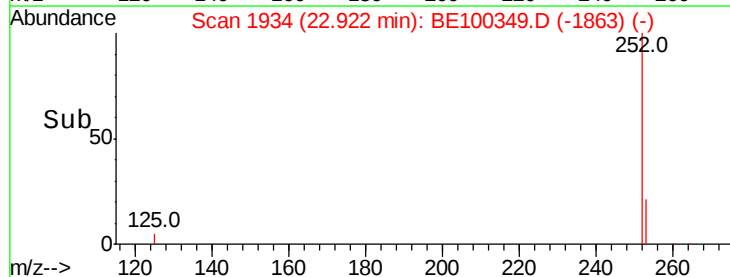
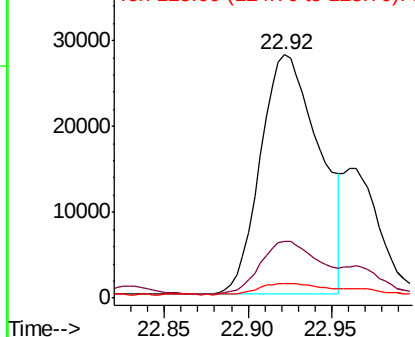


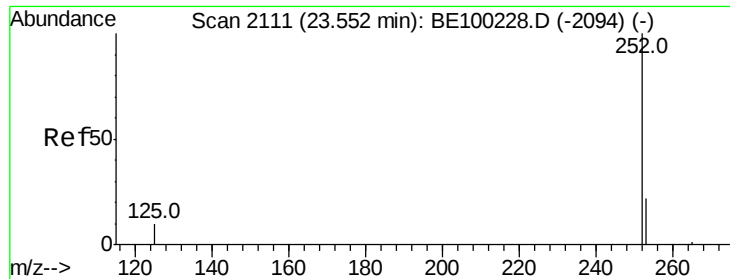
#36
Benzo(k)fluoranthene
Concen: 2.582 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100349.D
Acq: 4 Jul 2019 3:38

Tgt Ion:252 Resp: 68513
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 6.0 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: 2.010 ng

RT: 23.55 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

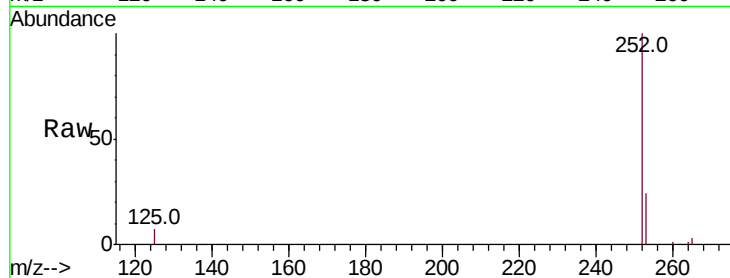
Tot Ion:252 Resp: 47881

Ion Ratio Lower Upper

252 100

253 23.7 19.6 29.4

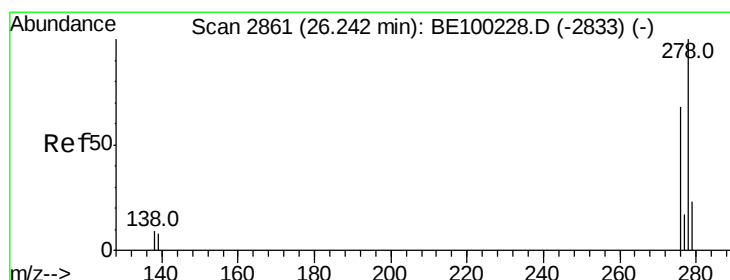
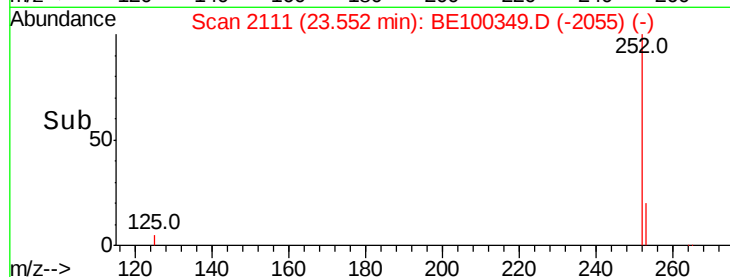
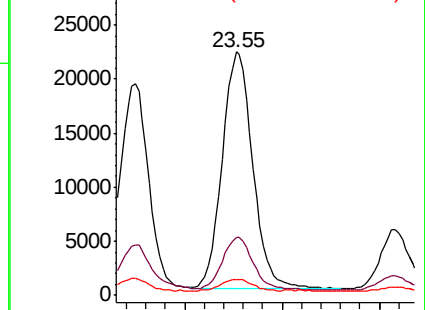
125 6.5 9.0 13.6#



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: 0.351 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

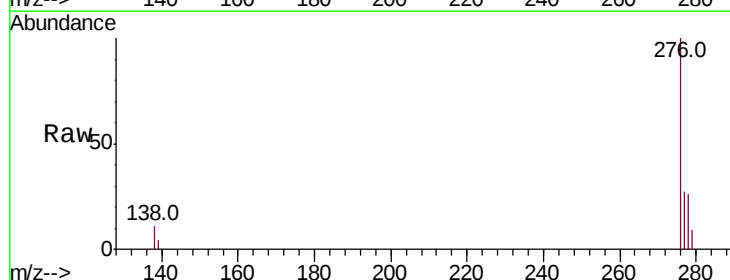
Tgt Ion:278 Resp: 8737

Ion Ratio Lower Upper

278 100

139 14.0 8.2 12.2#

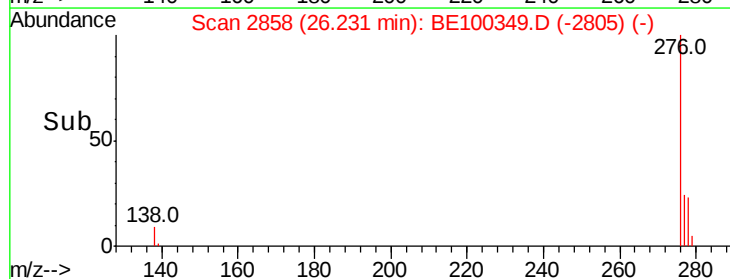
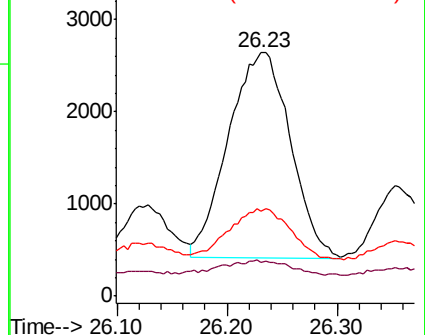
279 34.7 20.3 30.5#

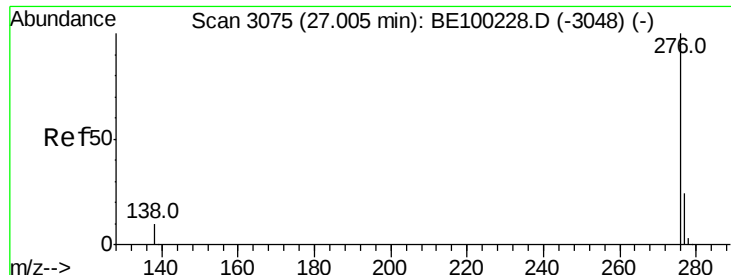


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.657 ng

RT: 27.01 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BE100349.D

Acq: 4 Jul 2019 3:38

Instrument :

BNA_E

ClientSampleId :

EXT-012-SW153-062419

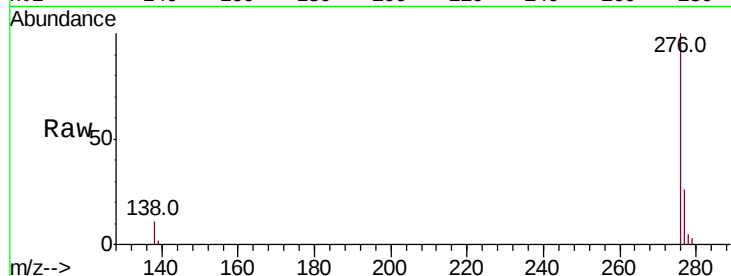
Tot Ion:276 Resp: 42350

Ion Ratio Lower Upper

276 100

277 25.8 20.2 30.2

138 10.7 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

