

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100216.D
 Acq On : 27 Jun 2019 22:03
 Operator : JU/SJ
 Sample : K3428-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 05:38:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	940	0.40	ng	-0.02
7) Naphthalene-d8	10.45	136	3411	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	2650	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	7433	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	10137	0.40	ng	-0.04
34) Perylene-d12	23.67	264	12823	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	778	0.37	ng	-0.01
5) Phenol-d6	6.83	99	1102	0.38	ng	-0.05
8) Nitrobenzene-d5	8.81	82	1071	0.32	ng	-0.04
11) 2-Methylnaphthalene-d10	12.05	152	2430	0.38	ng	-0.03
14) 2,4,6-Tribromophenol	15.81	330	613	0.40	ng	-0.04
15) 2-Fluorobiphenyl	12.94	172	3491	0.33	ng	-0.03
25) Fluoranthene-d10	19.10	212	38130	0.36	ng	-0.03
29) Terphenyl-d14	19.70	244	6927	0.35	ng	-0.03

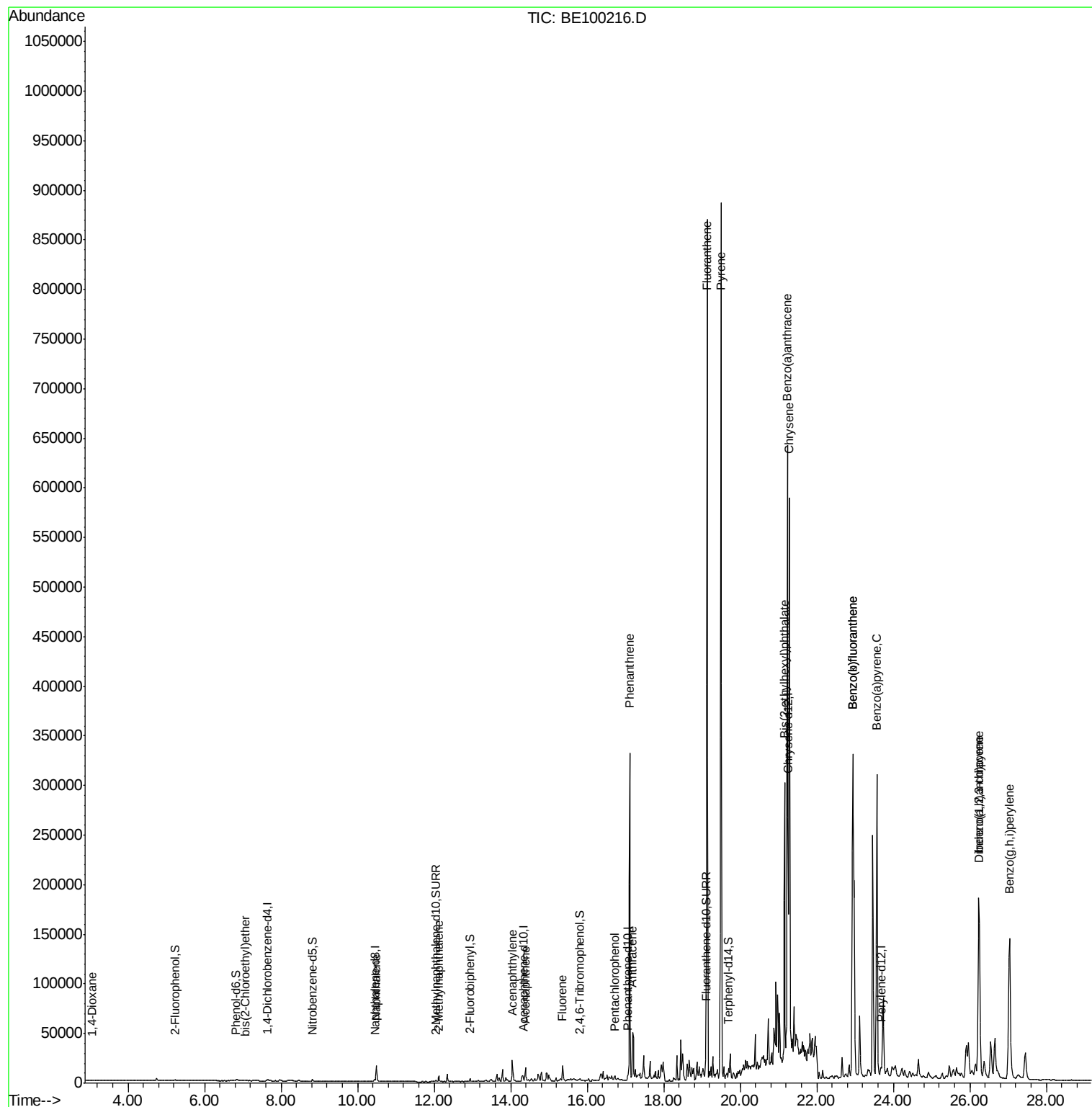
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	32	0.022	ng	# 32
6) bis(2-Chloroethyl)ether	7.06	93	59	0.022	ng	# 49
9) Naphthalene	10.48	128	29334	0.788	ng	# 96
12) 2-Methylnaphthalene	12.12	142	4431	0.739	ng	96
16) Acenaphthylene	14.04	152	25811	1.998	ng	98
17) Acenaphthene	14.38	154	6479	0.895	ng	99
18) Fluorene	15.35	166	13932	1.330	ng	# 91
22) Pentachlorophenol	16.72	266	108	0.335	ng	91
23) Phenanthrene	17.11	178	343369	19.502	ng	99
24) Anthracene	17.19	178	58614	3.942	ng	99
26) Fluoranthene	19.13	202	790816	27.609	ng	98
28) Pyrene	19.49	202	819483	31.567	ng	# 95
30) Benzo(a)anthracene	21.23	228	540158	18.074	ng	97
31) Chrysene	21.28	228	528221	15.069	ng	96
32) Bis(2-ethylhexyl)phthalate	21.16	149	309498	9.010	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	359792	7.210	ng	# 96
35) Benzo(b)fluoranthene	22.94	252	652841	18.929	ng	# 97
36) Benzo(k)fluoranthene	22.94	252	652841	15.820	ng	# 99
37) Benzo(a)pyrene	23.57	252	467947	13.094	ng	# 94
38) Dibenzo(a,h)anthracene	26.25	278	93262	2.440	ng	# 94
39) Benzo(g,h,i)perylene	27.04	276	367137	9.199	ng	# 97

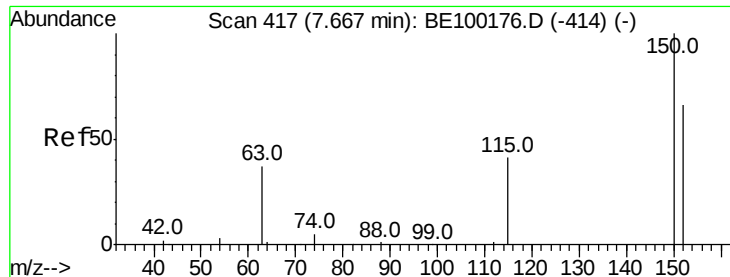
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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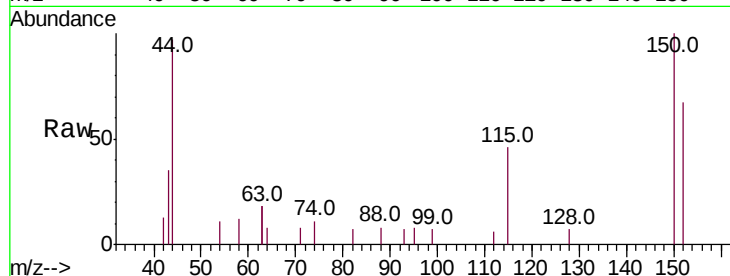


#1

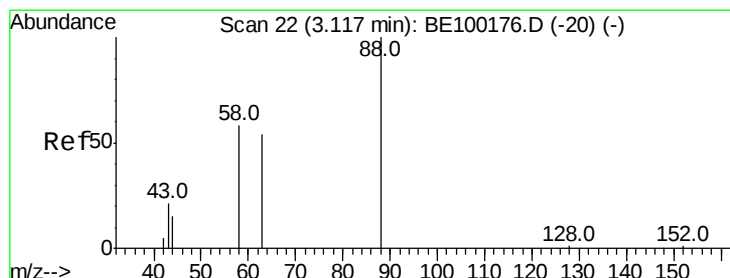
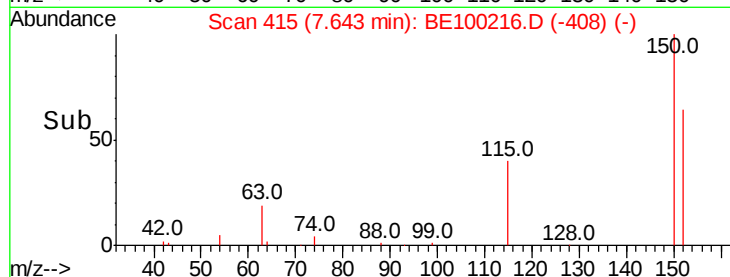
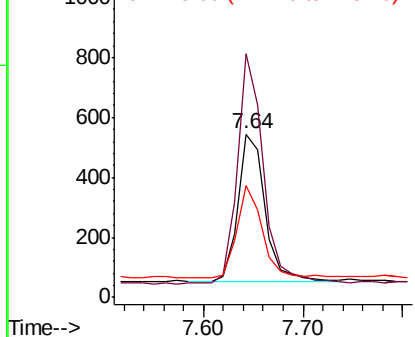
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.64 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BE100216.D
 Acq: 27 Jun 2019 22:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 940
 Ion Ratio Lower Upper
 152 100
 150 149.0 113.4 170.2
 115 68.4 55.8 83.6



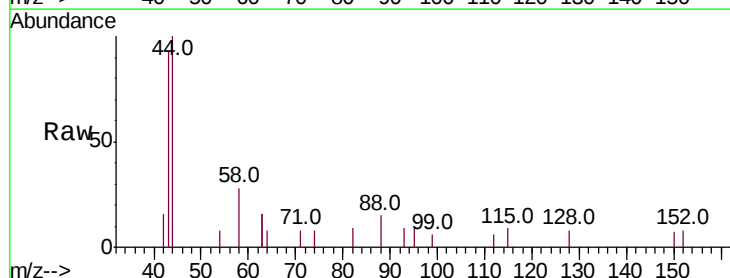
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



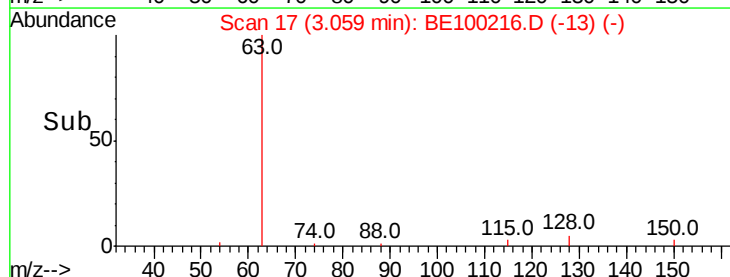
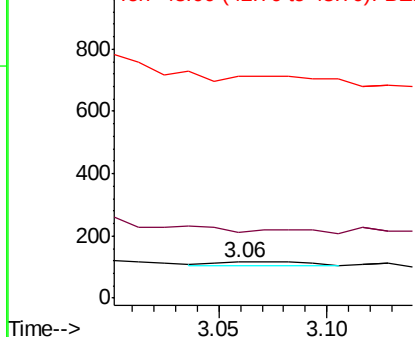
#2

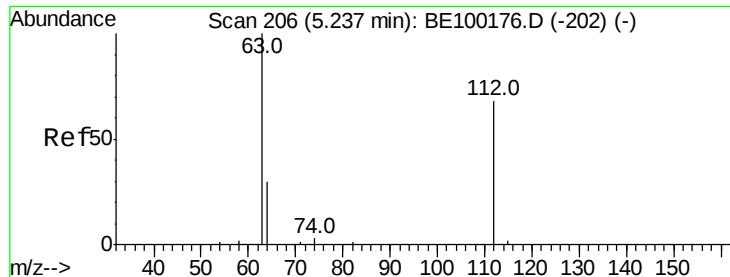
1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.06 min Scan# 17
 Delta R.T. -0.06 min
 Lab File: BE100216.D
 Acq: 27 Jun 2019 22:03

Tgt Ion: 88 Resp: 32
 Ion Ratio Lower Upper
 88 100
 58 0.0 43.8 65.6#
 43 0.0 19.4 29.2#



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





#4

2-Fluorophenol

Concen: 0.372 ng

RT: 5.22 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

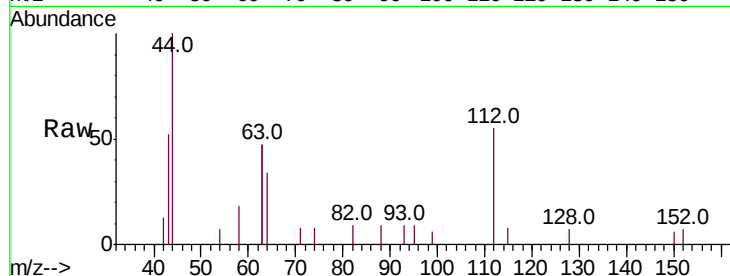
Tot Ion:112 Resp: 778

Ion Ratio Lower Upper

112 100

64 55.3 40.7 61.1

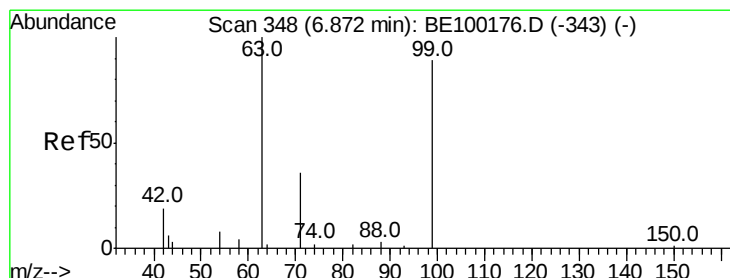
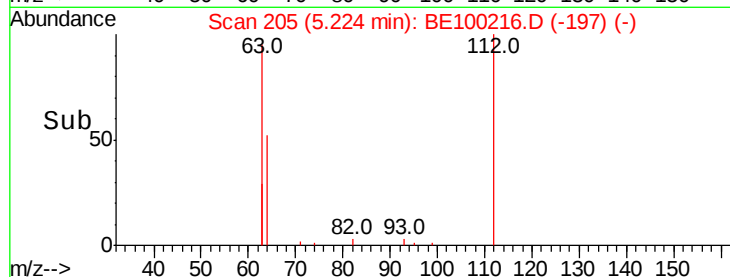
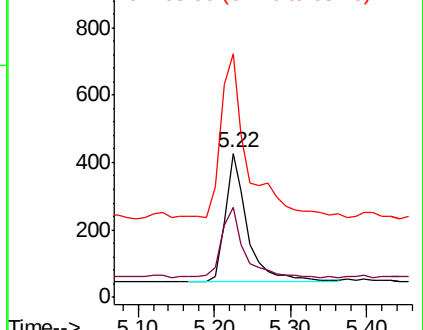
63 152.2 93.2 139.8#



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



#5

Phenol-d6

Concen: 0.383 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.05 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

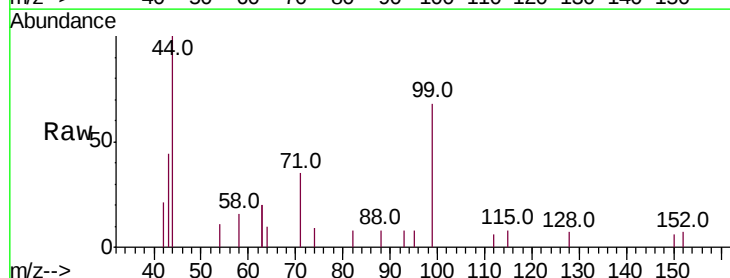
Tgt Ion: 99 Resp: 1102

Ion Ratio Lower Upper

99 100

42 18.1 10.4 15.6#

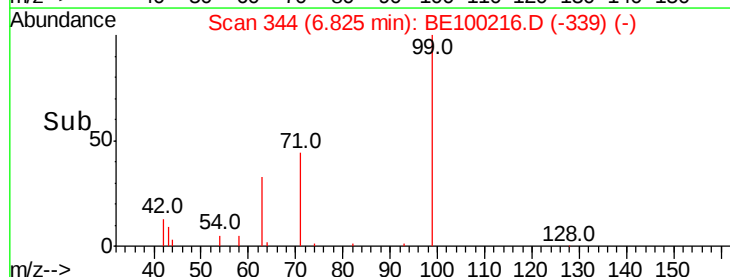
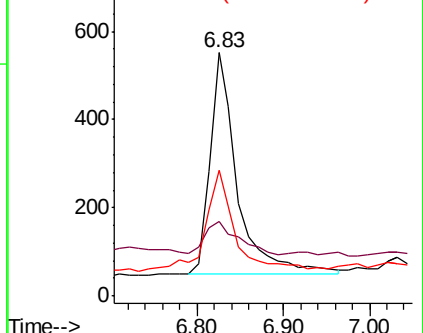
71 41.1 32.4 48.6

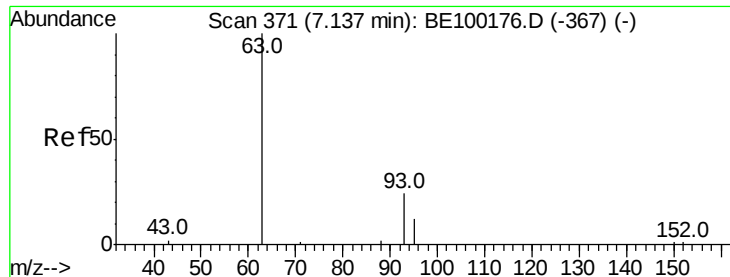


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.08 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

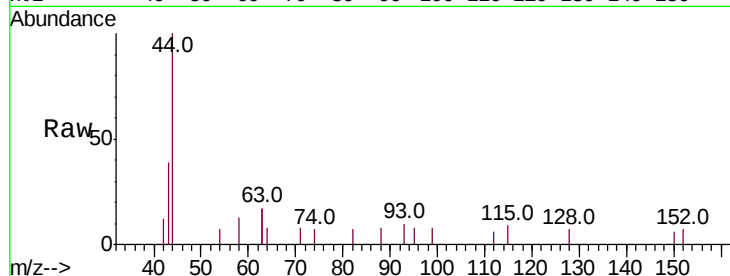
Tot Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

63 49.2 0.0 0.0#

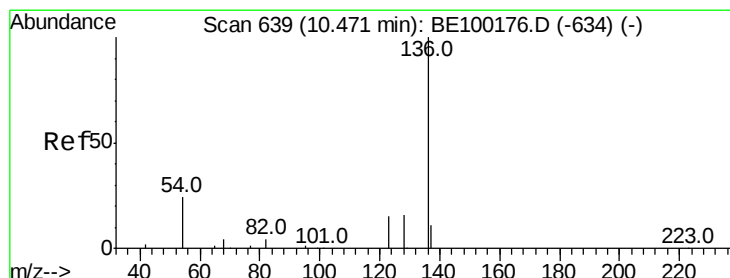
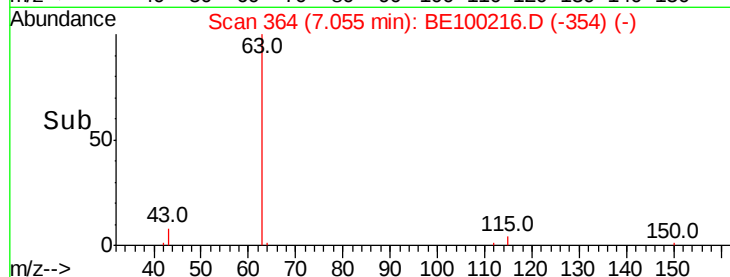
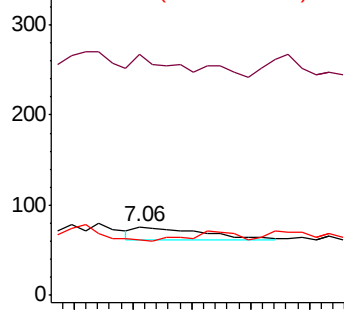
95 0.0 21.0 31.6#



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: 10.45 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Tgt Ion: 136 Resp: 3411

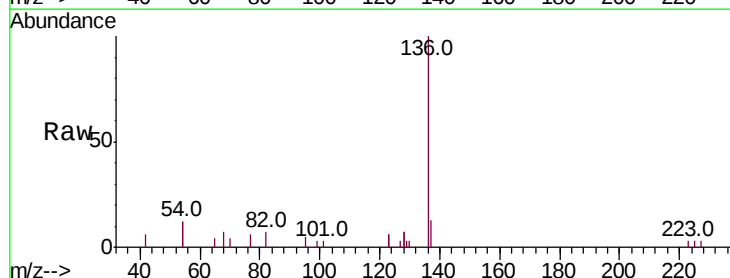
Ion Ratio Lower Upper

136 100

137 12.9 13.8 20.8#

54 24.3 35.4 53.2#

68 6.7 8.8 13.2#

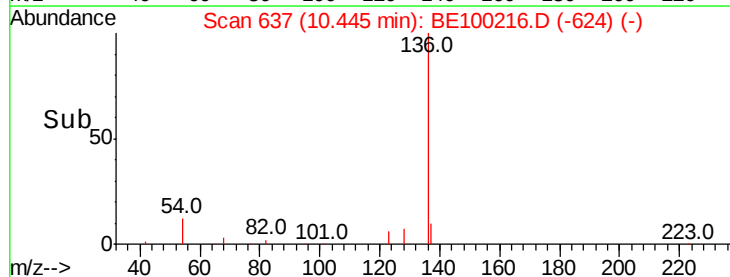
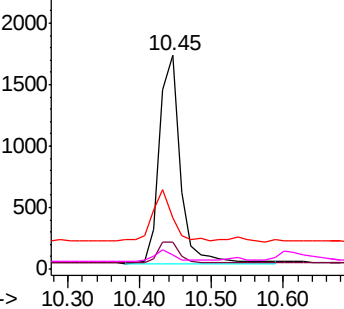


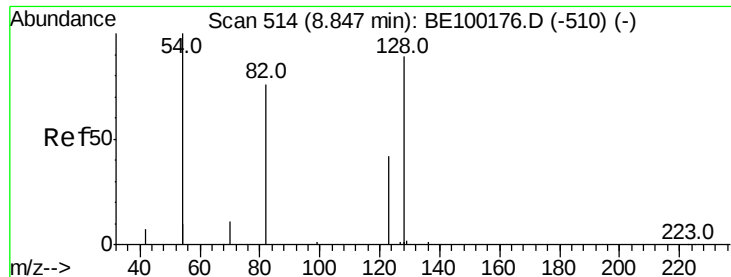
Abundance Ion 136.00 (135.70 to 136.70): E

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

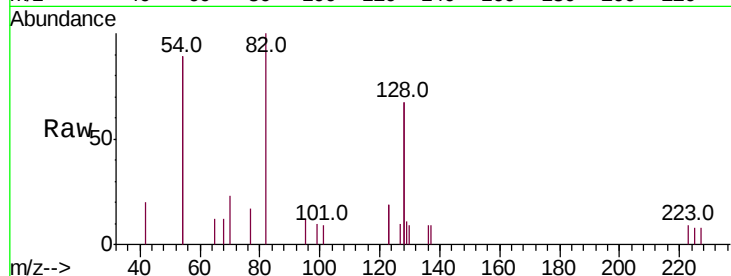




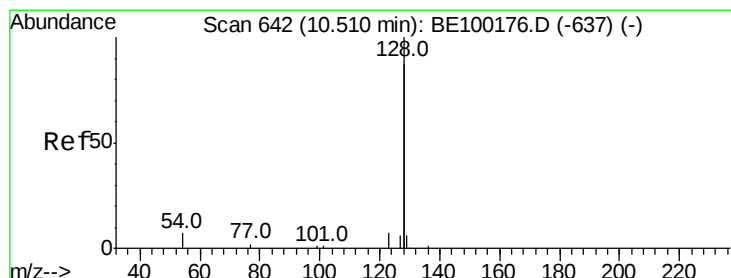
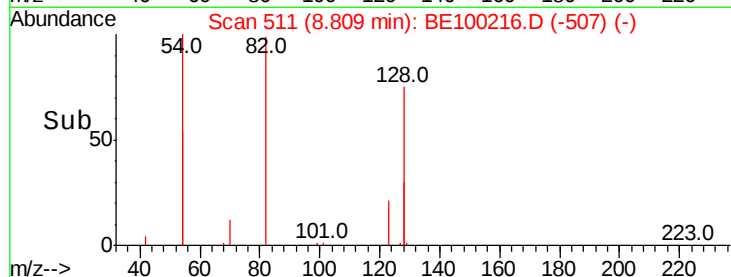
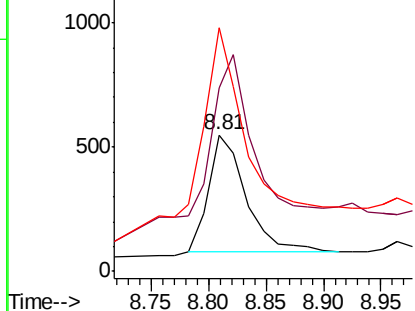
#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.81 min Scan# 511
 Delta R.T. -0.04 min
 Lab File: BE100216.D
 Acq: 27 Jun 2019 22:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 1071
 Ion Ratio Lower Upper
 82 100
 128 134.7 144.6 217.0#
 54 178.8 163.0 244.6

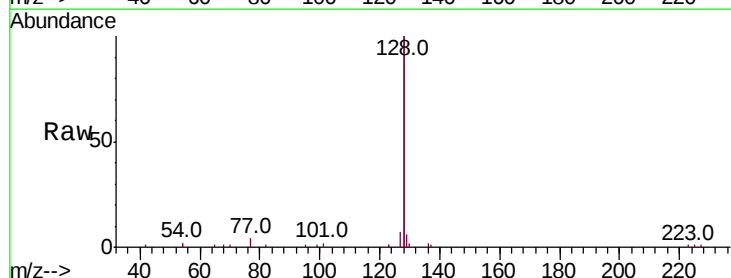


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

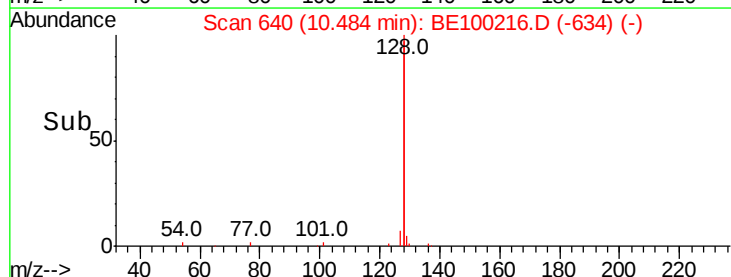
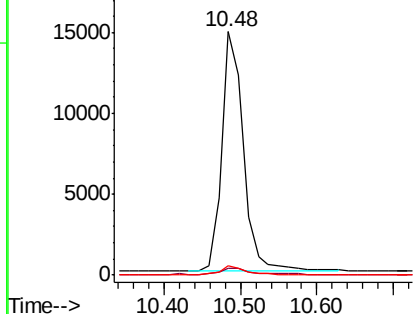


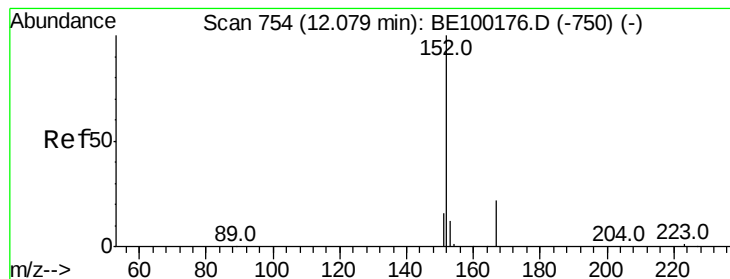
#9
 Naphthalene
 Concen: 0.788 ng
 RT: 10.48 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BE100216.D
 Acq: 27 Jun 2019 22:03

Tgt Ion: 128 Resp: 29334
 Ion Ratio Lower Upper
 128 100
 129 3.0 3.6 5.4#
 127 3.7 3.8 5.8#



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: 0.380 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

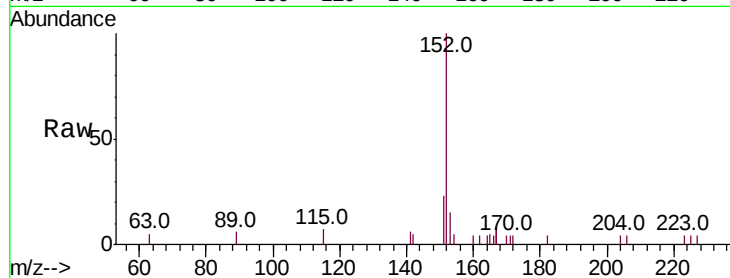
ClientSampled :

Tot Ion:152 Resp: 2430

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

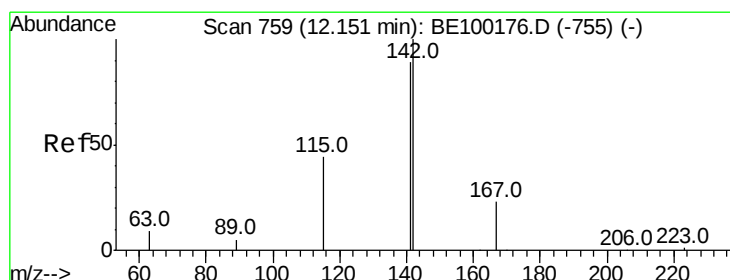
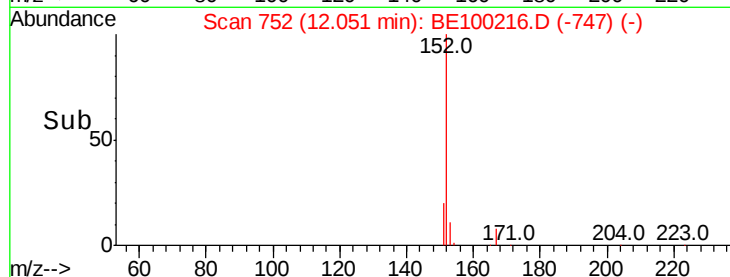
12.05

1000

500

0

Time--> 11.90 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.739 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

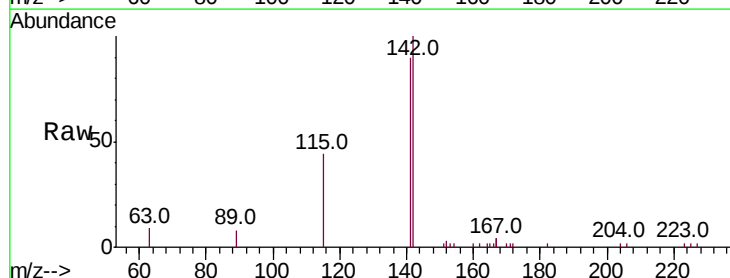
Tgt Ion:142 Resp: 4431

Ion Ratio Lower Upper

142 100

141 89.5 71.8 107.8

115 43.8 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

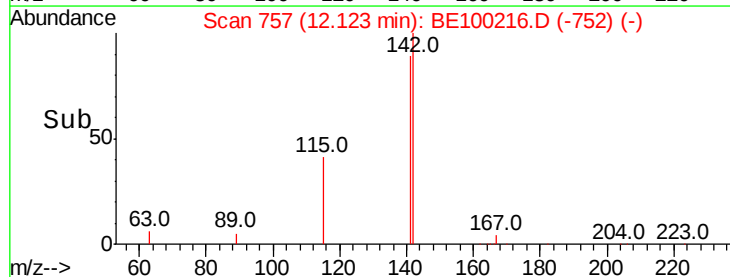
3000

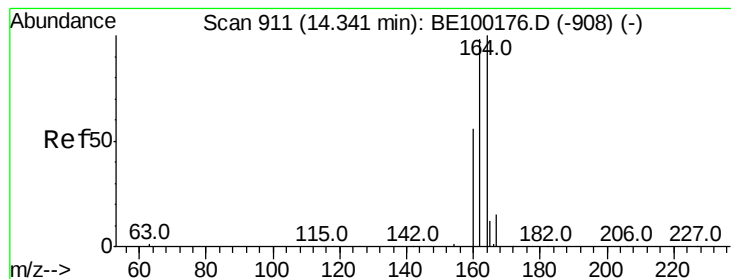
2000

1000

0

Time--> 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 910

Delta R.T. -0.01 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

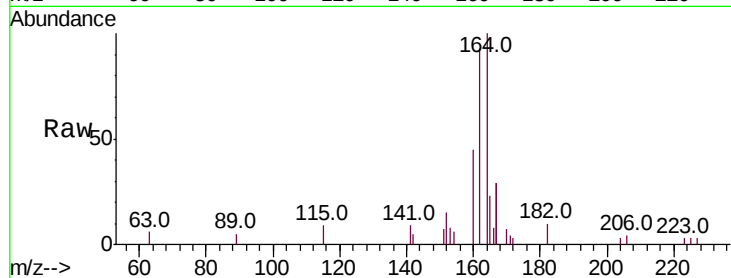
Tot Ion:164 Resp: 2650

Ion Ratio Lower Upper

164 100

162 93.1 78.6 118.0

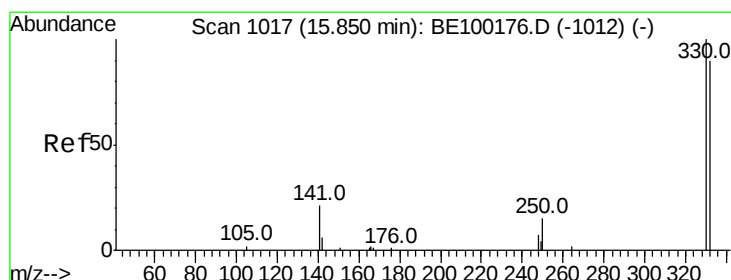
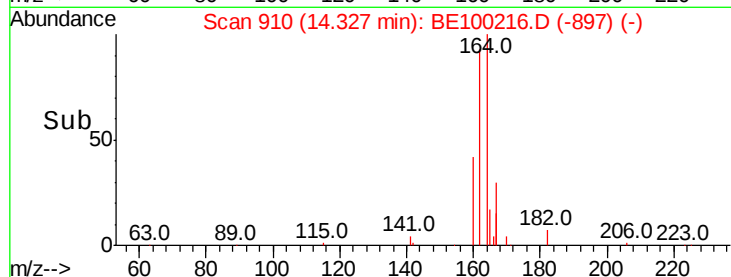
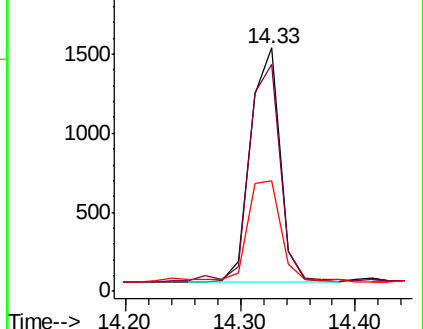
160 45.4 46.9 70.3#



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: 0.400 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.04 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

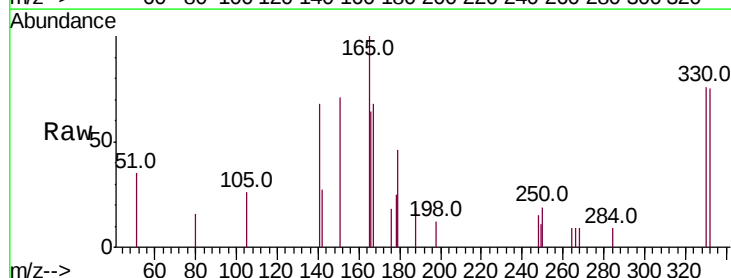
Tgt Ion:330 Resp: 613

Ion Ratio Lower Upper

330 100

332 101.6 77.7 116.5

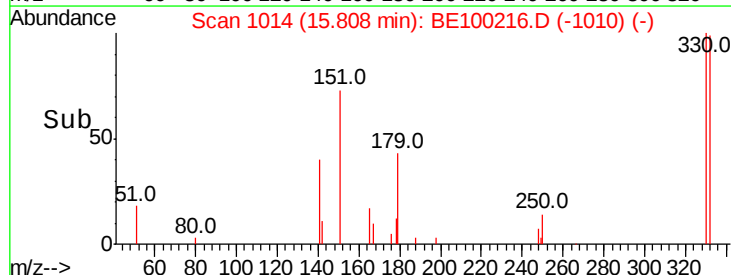
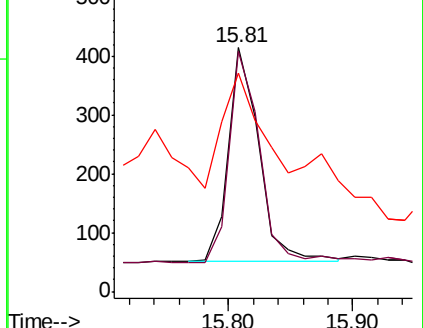
141 149.9 18.9 28.3#

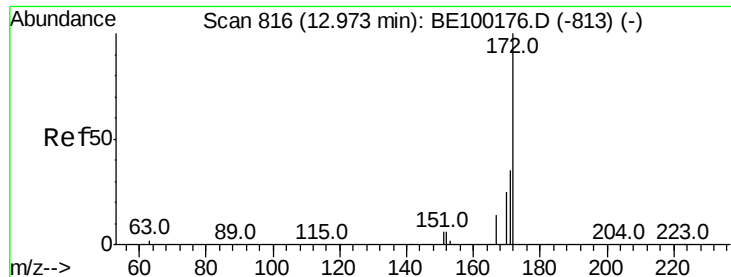


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

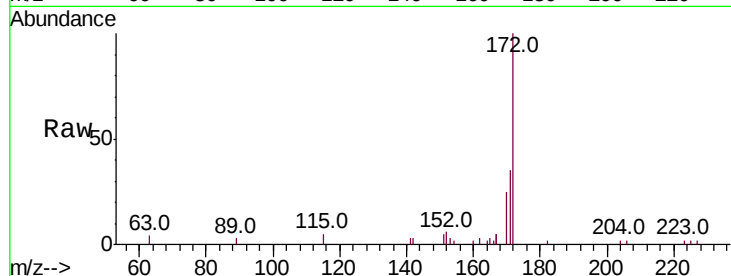




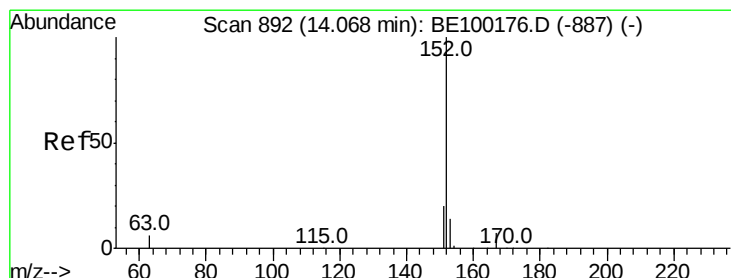
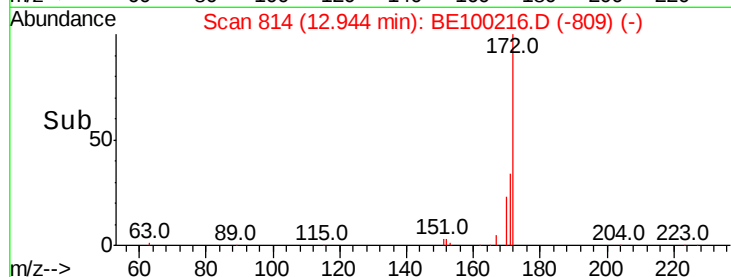
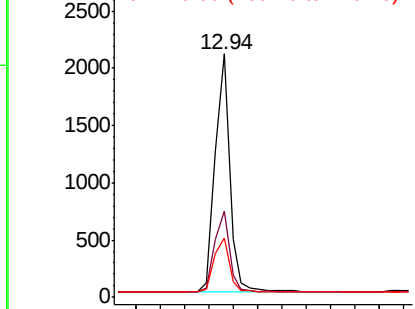
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3491
Ion Ratio Lower Upper
172 100
171 35.3 31.0 46.4
170 24.5 23.9 35.9

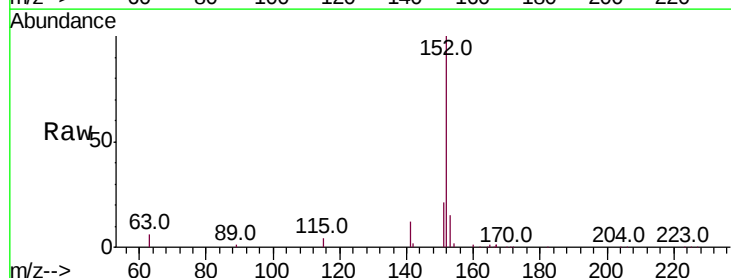


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

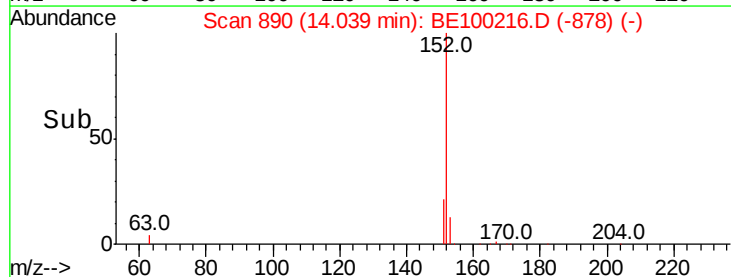
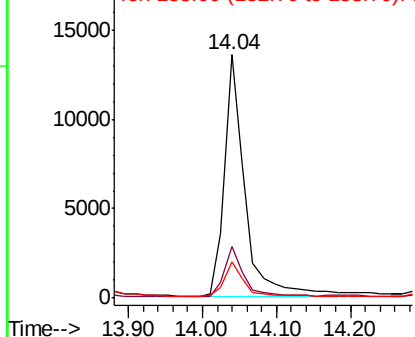


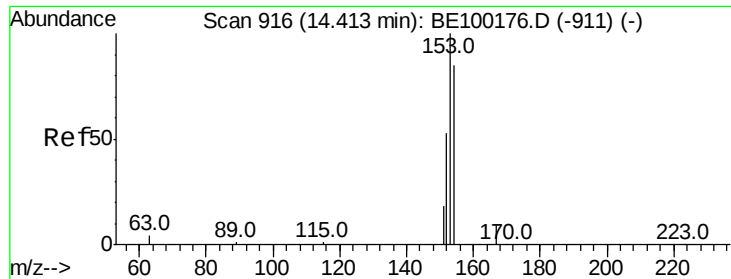
#16
Acenaphthylene
Concen: 1.998 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

Tgt Ion:152 Resp: 25811
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.0
153 14.2 10.8 16.2



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

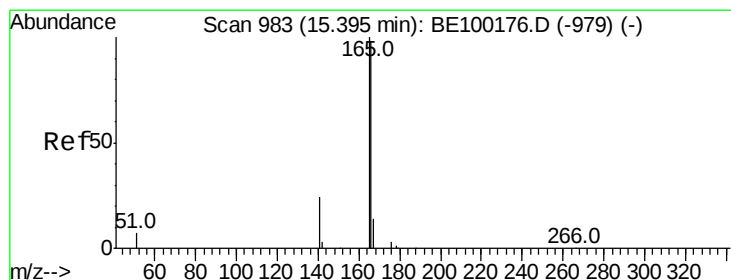
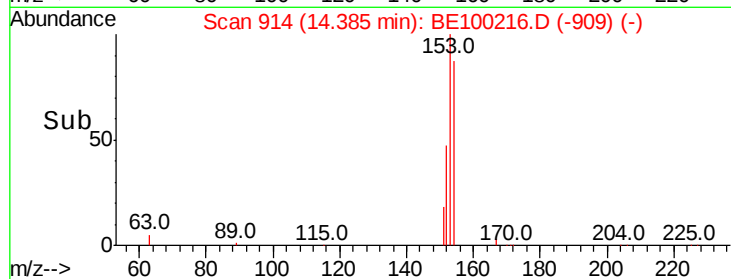
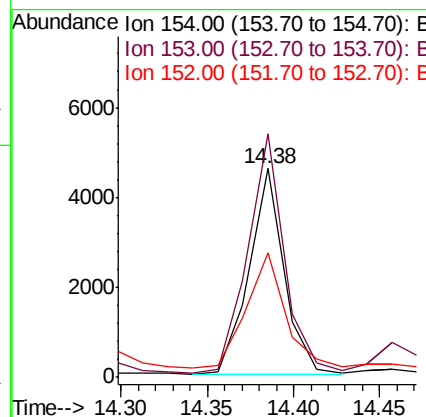
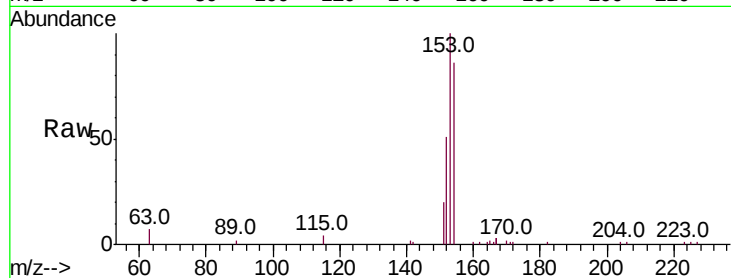




#17
Acenaphthene
Concen: 0.895 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

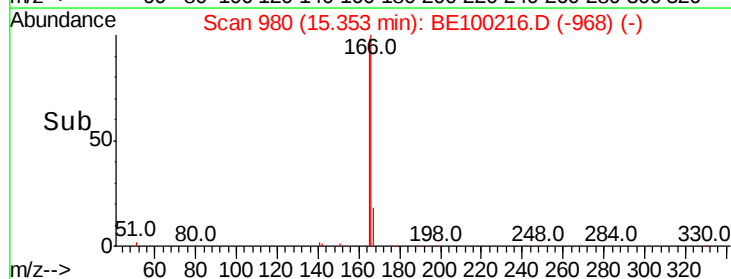
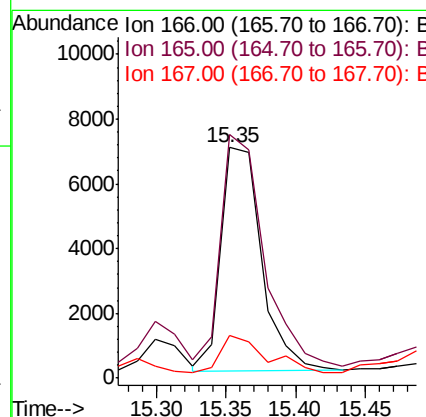
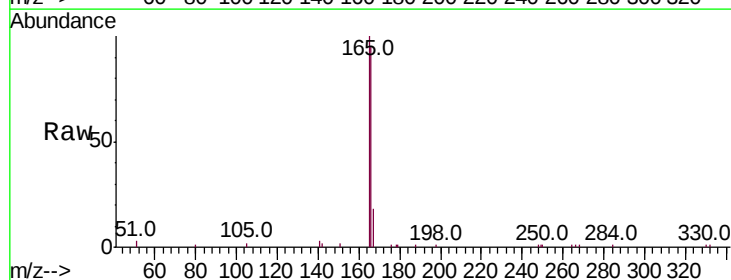
Instrument :
BNA_E
ClientSampleId :

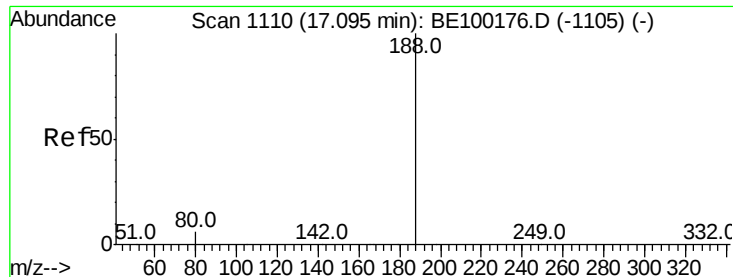
Tot Ion:154 Resp: 6479
Ion Ratio Lower Upper
154 100
153 119.8 95.3 142.9
152 65.1 52.9 79.3



#18
Fluorene
Concen: 1.330 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.04 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

Tgt Ion:166 Resp: 13932
Ion Ratio Lower Upper
166 100
165 110.0 81.0 121.4
167 19.6 11.4 17.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

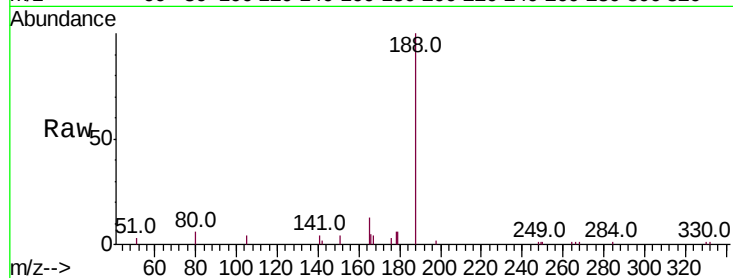
Tot Ion:188 Resp: 7433

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

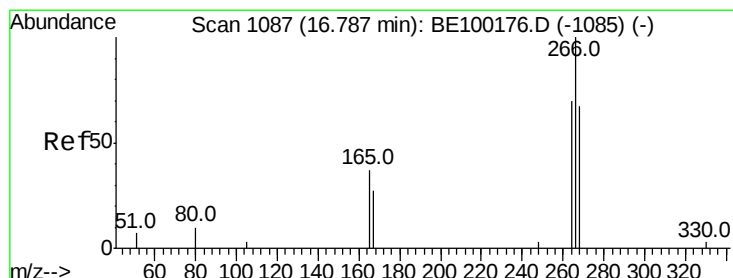
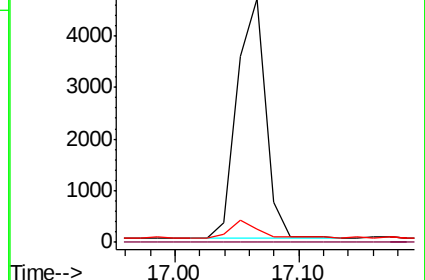
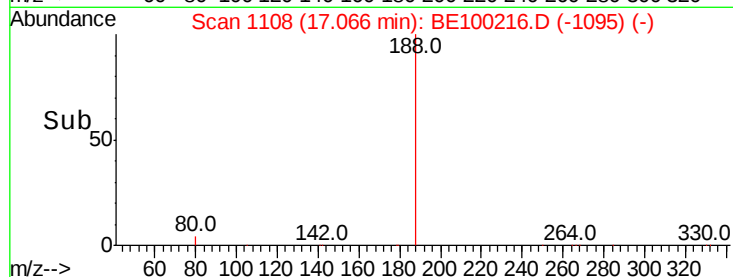
80 5.6 6.4 9.6#



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



#22

Pentachlorophenol

Concen: 0.335 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.07 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

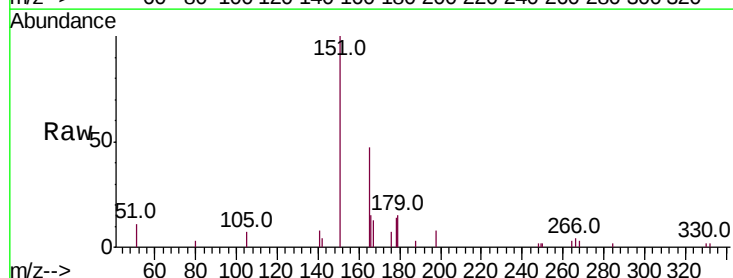
Tgt Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

264 75.9 67.7 101.5

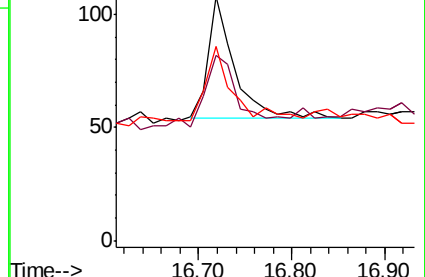
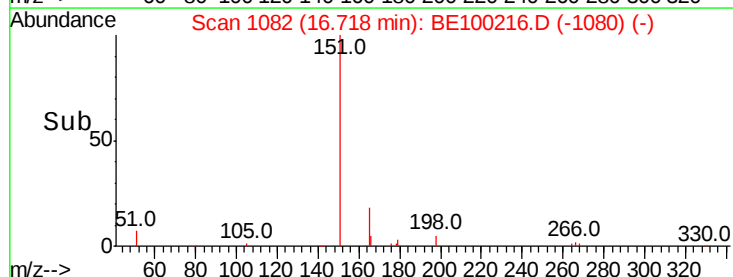
268 79.6 69.8 104.6

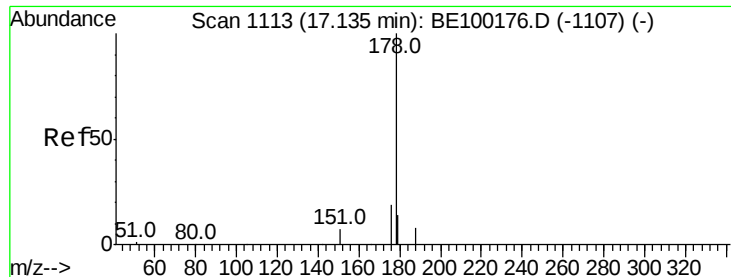


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 19.502 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

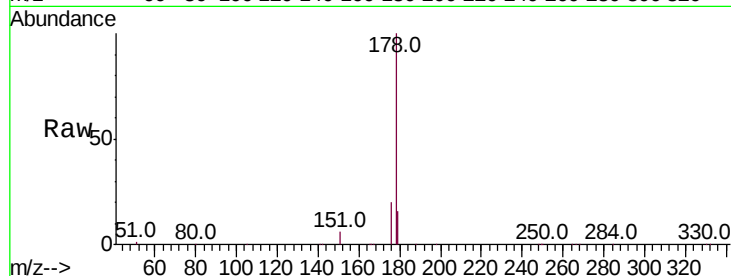
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 343369

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.7	12.2	18.2

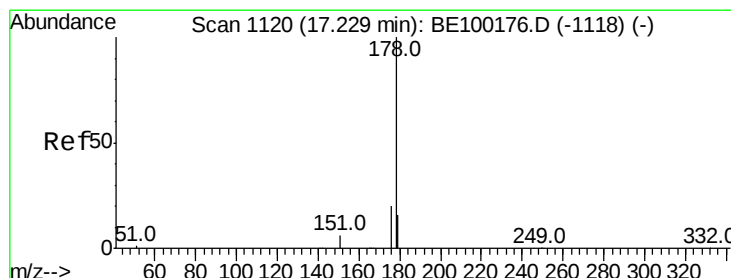
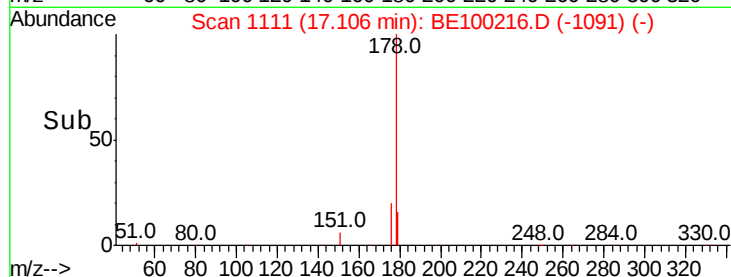
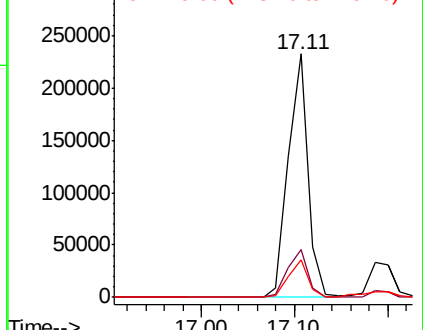


Abundance

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: 3.942 ng

RT: 17.19 min Scan# 1117

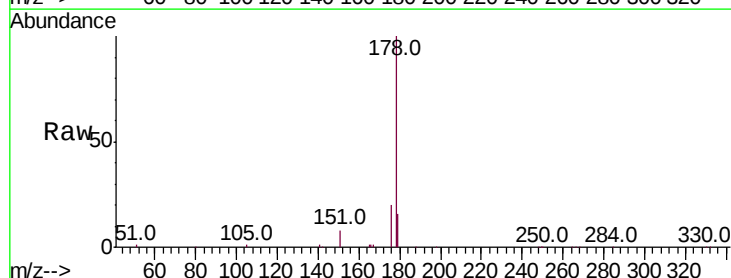
Delta R.T. -0.04 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Tgt Ion:178 Resp: 58614

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.9	12.9	19.3

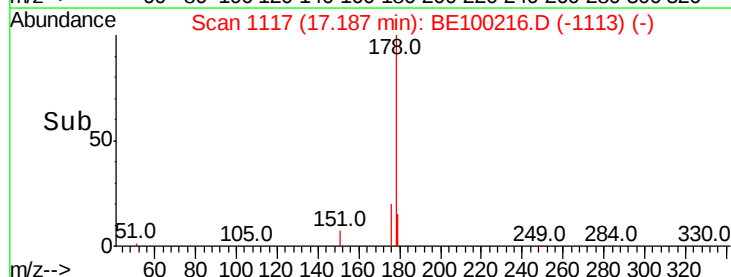
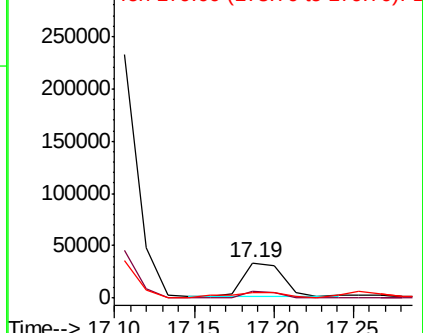


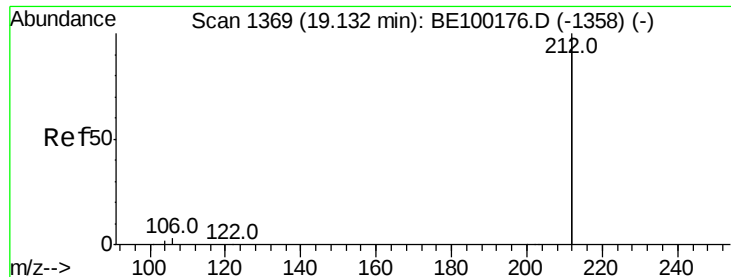
Abundance

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: 0.356 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BE100216.D

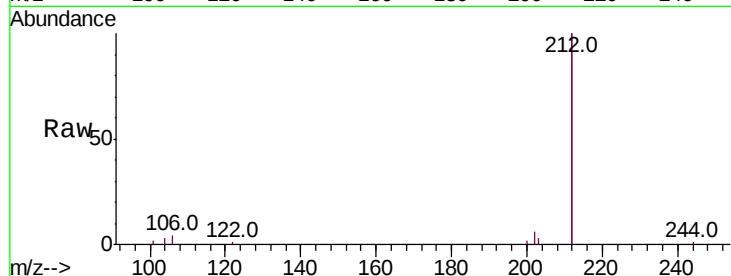
Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

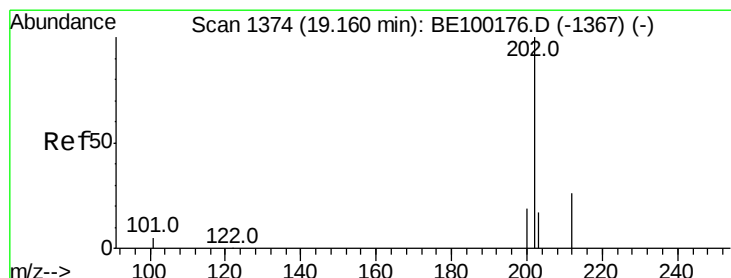
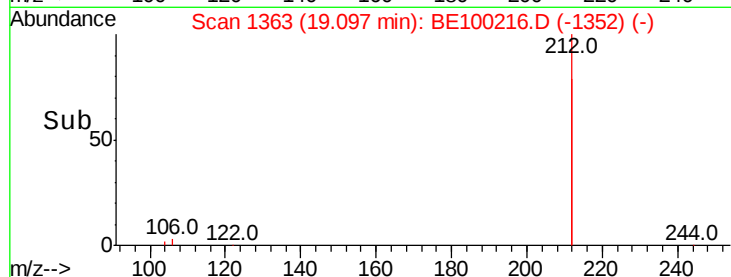
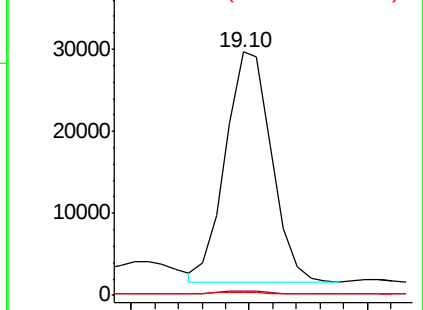
Tot Ion:212	Resp:	38130
Ion Ratio	Lower	Upper
212	100	
106	1.6	1.3 1.9
104	1.1	0.7 1.1



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: 27.609 ng

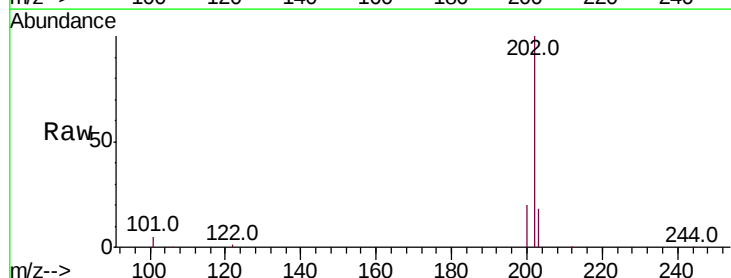
RT: 19.13 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

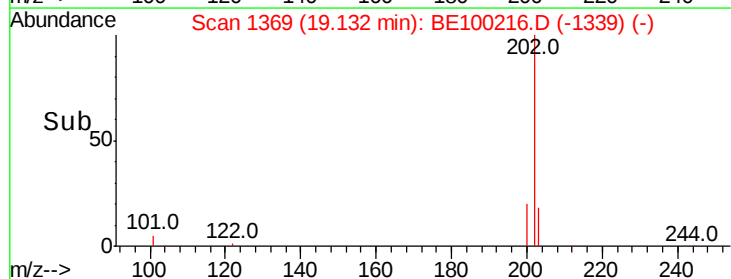
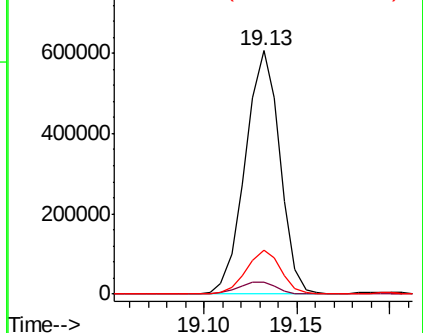
Tgt Ion:202	Resp:	790816
Ion Ratio	Lower	Upper
202	100	
101	5.2	4.5 6.7
203	17.9	13.7 20.5

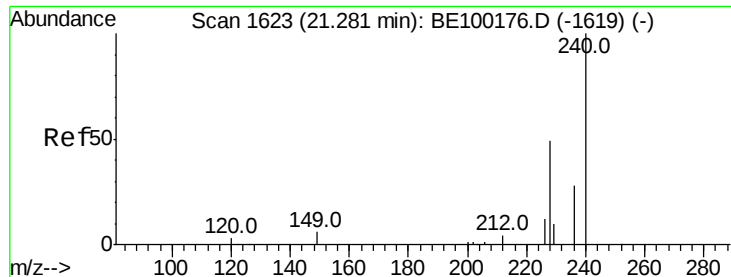


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

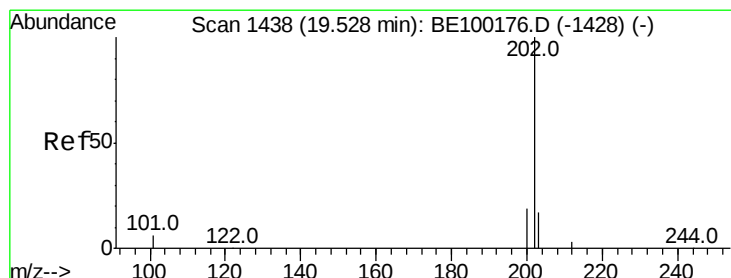
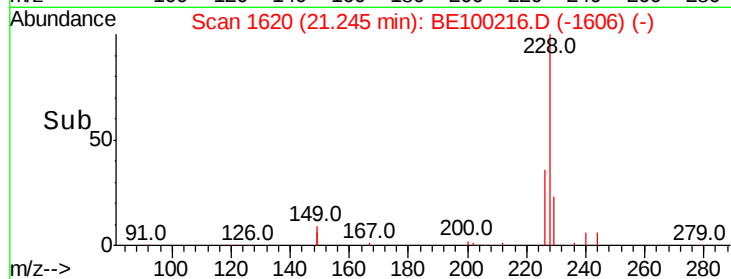
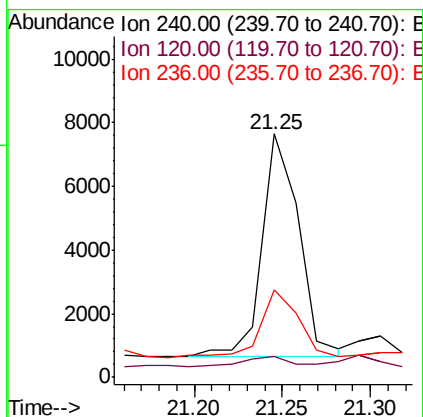
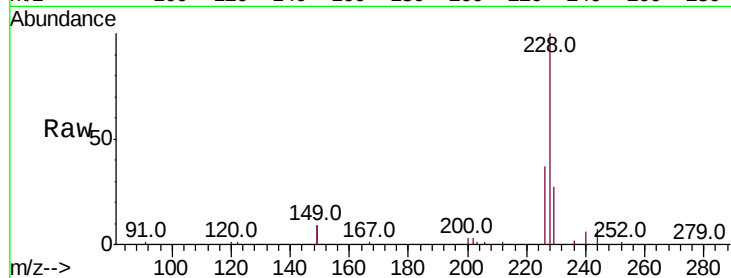




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

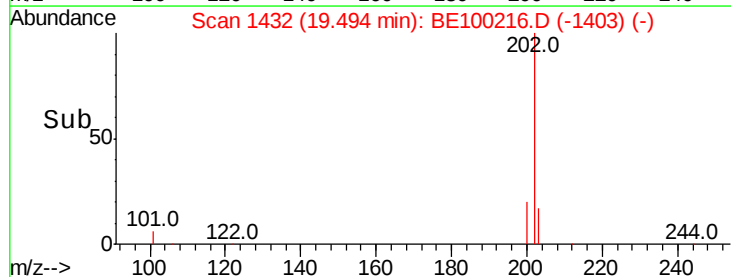
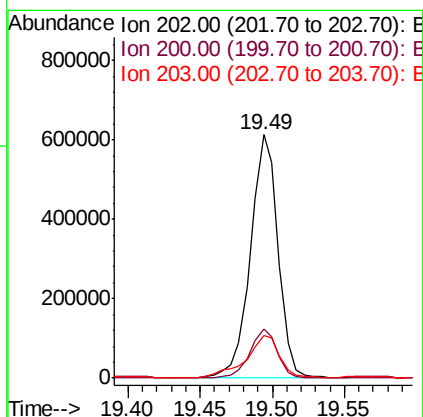
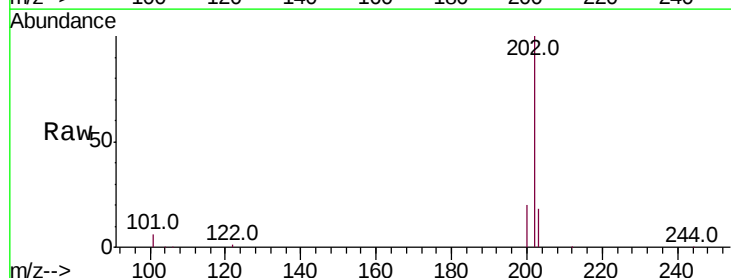
Instrument :
BNA_E
ClientSampleId :

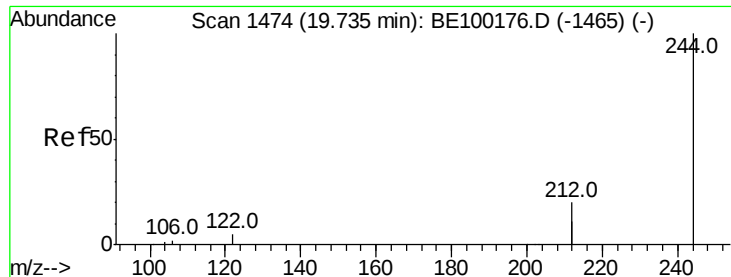
Tot Ion:240 Resp: 10137
Ion Ratio Lower Upper
240 100
120 8.4 4.1 6.1#
236 35.9 23.0 34.6#



#28
Pyrene
Concen: 31.567 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

Tgt Ion:202 Resp: 819483
Ion Ratio Lower Upper
202 100
200 20.1 15.5 23.3
203 21.5 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

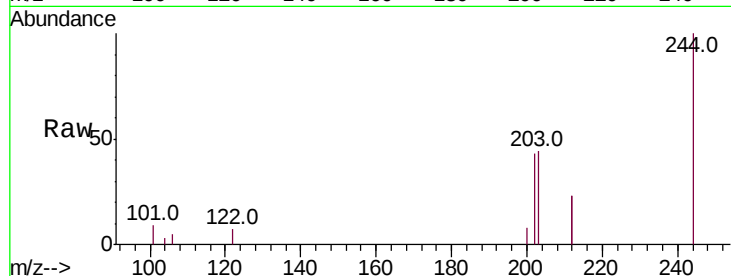
Tot Ion:244 Resp: 6927

Ion Ratio Lower Upper

244 100

212 45.7 30.7 46.1

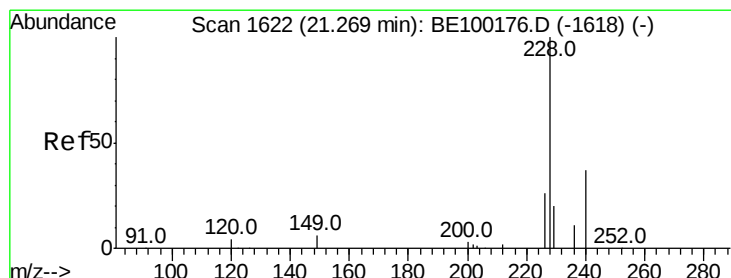
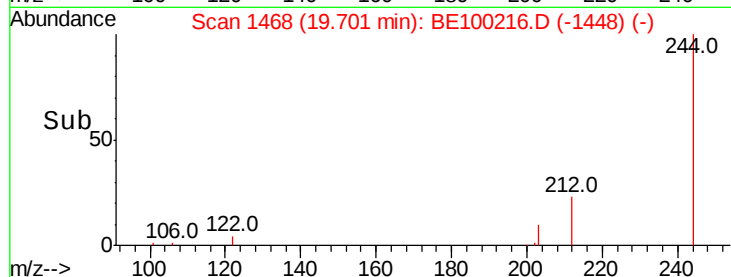
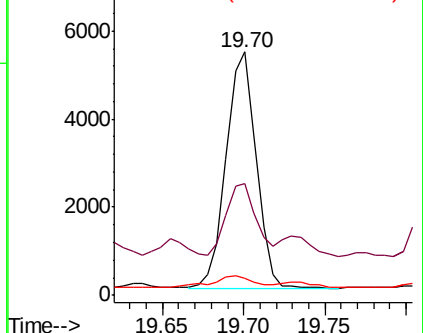
122 7.2 5.8 8.6



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: 18.074 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

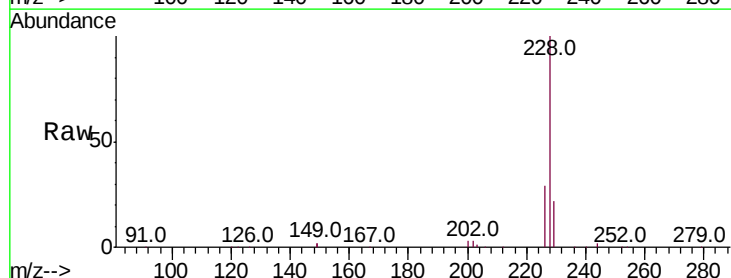
Tgt Ion:228 Resp: 540158

Ion Ratio Lower Upper

228 100

226 29.4 21.5 32.3

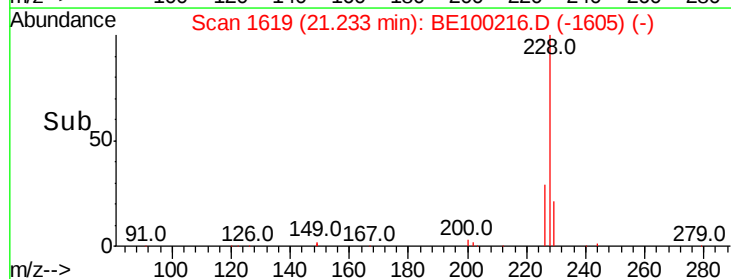
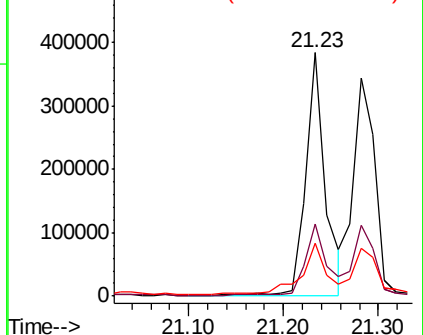
229 21.7 17.2 25.8

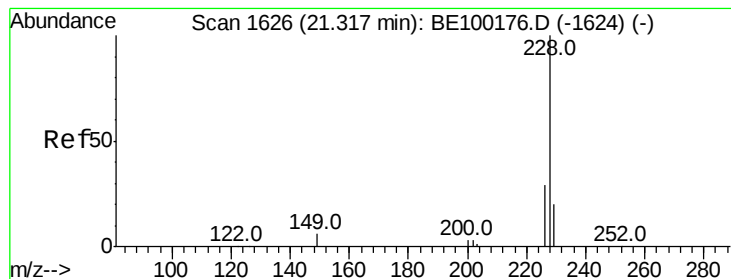


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 15.069 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

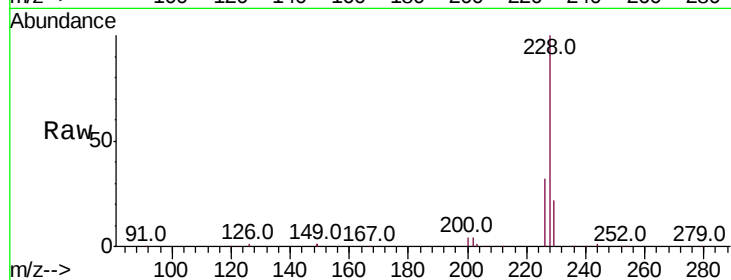
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 528221

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.7	35.5
229	21.9	16.5	24.7

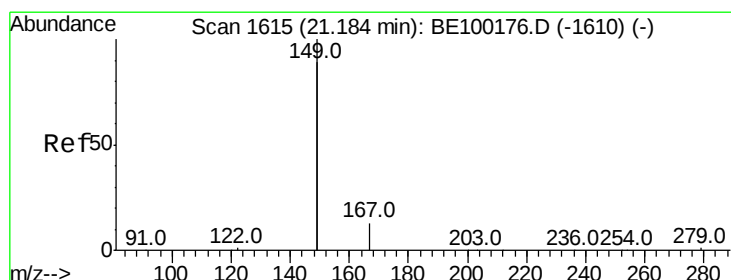
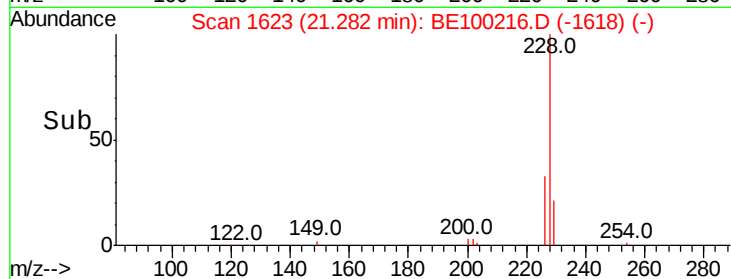
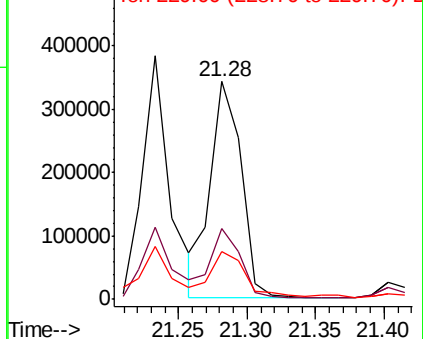


Abundance

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: 9.010 ng

RT: 21.16 min Scan# 1613

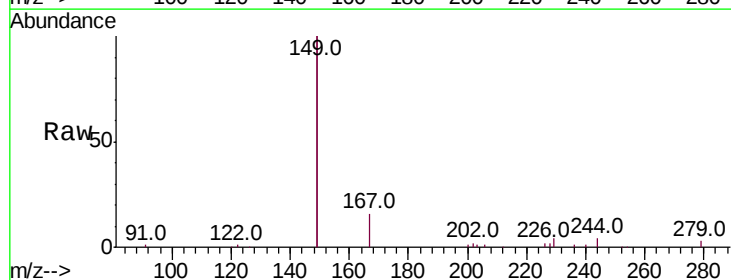
Delta R.T. -0.02 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Tgt Ion:149 Resp: 309498

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.5	1.0	1.6

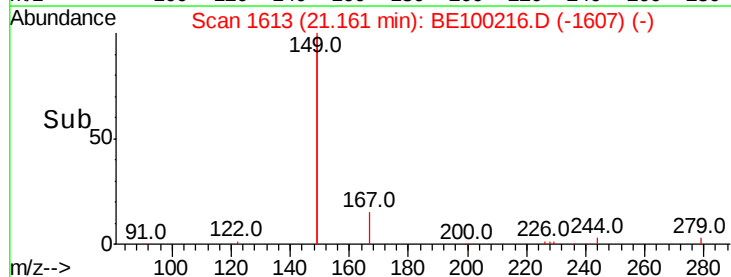
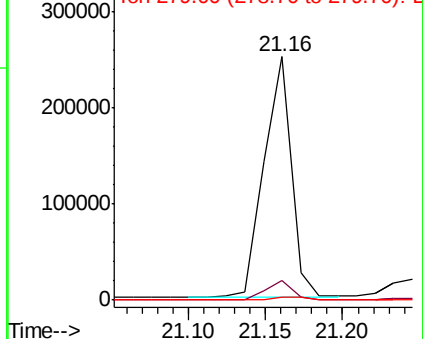


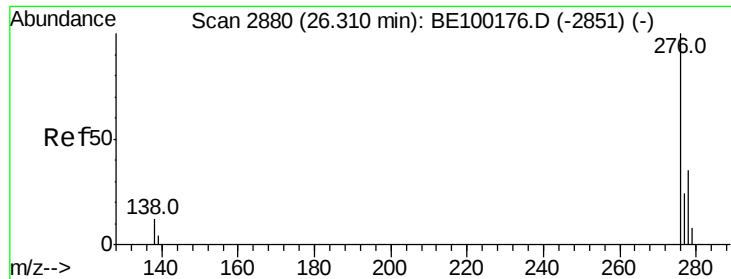
Abundance

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: 7.210 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.08 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

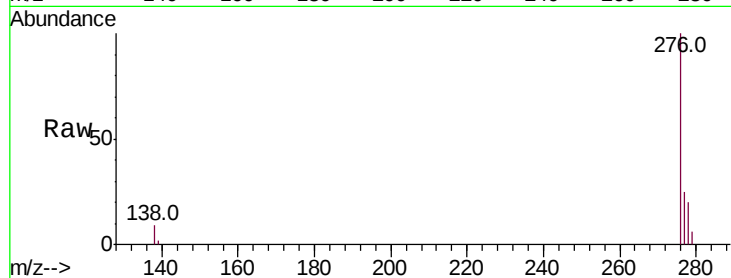
Tot Ion:276 Resp: 359792

Ion Ratio Lower Upper

276 100

138 8.8 3.7 5.5#

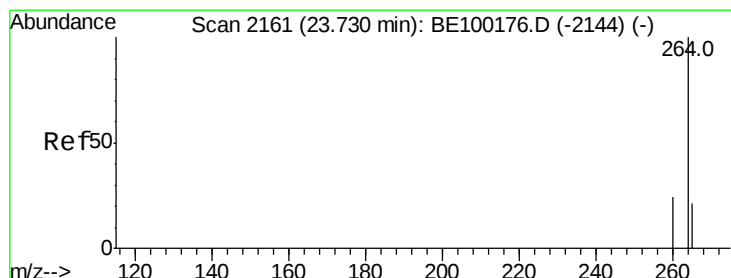
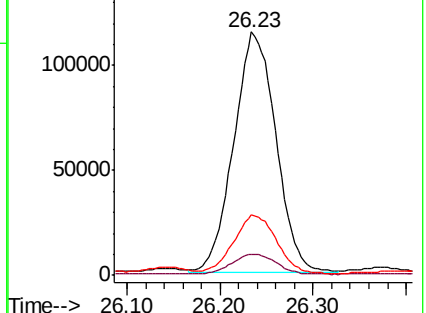
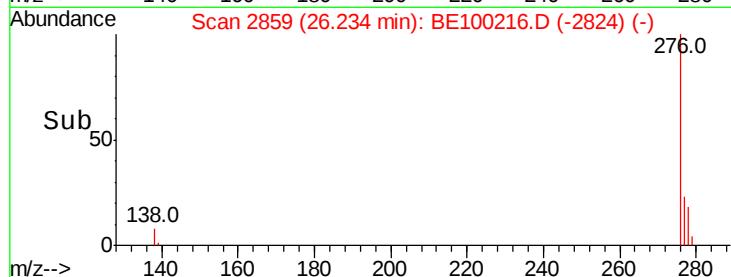
277 24.6 18.7 28.1



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# 2145

Delta R.T. -0.06 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

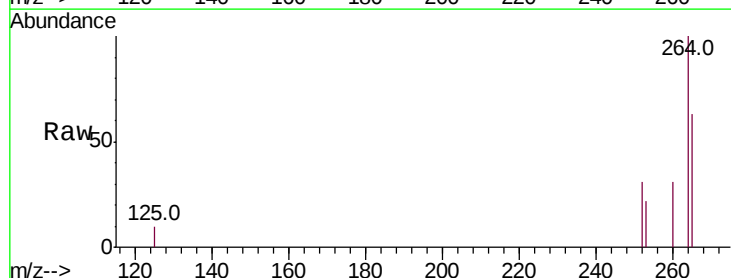
Tgt Ion:264 Resp: 12823

Ion Ratio Lower Upper

264 100

260 31.0 20.4 30.6#

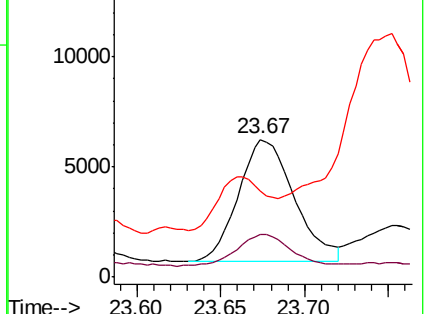
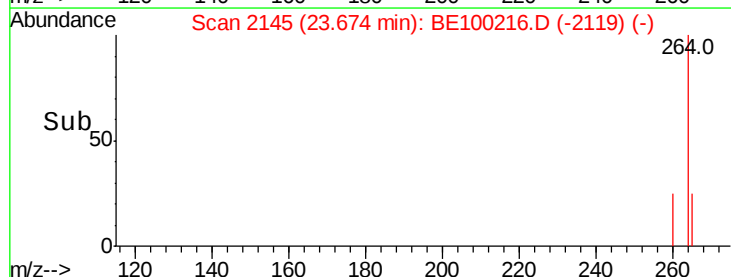
265 62.8 22.5 33.7#

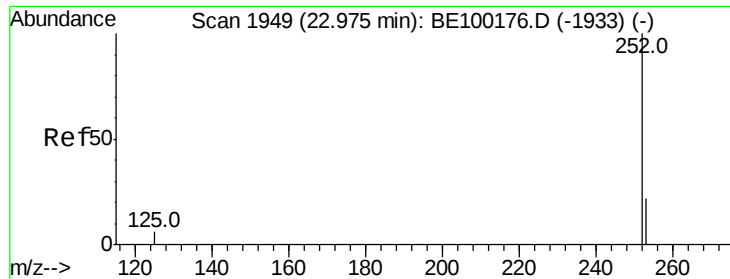


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

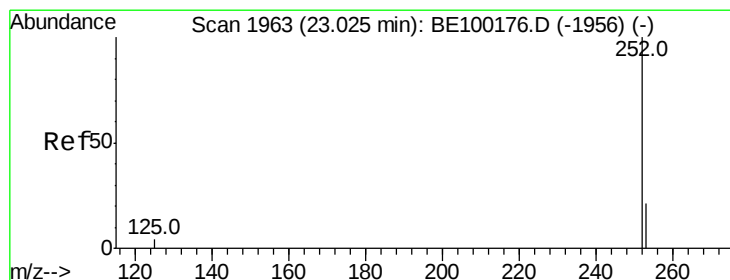
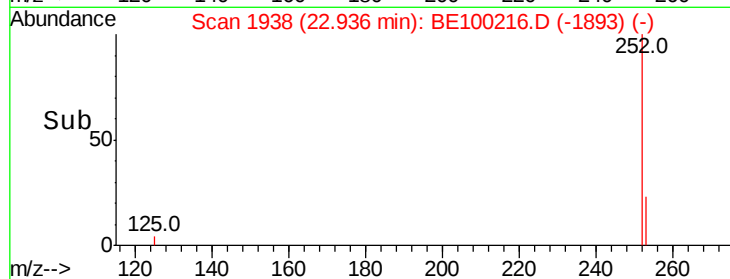
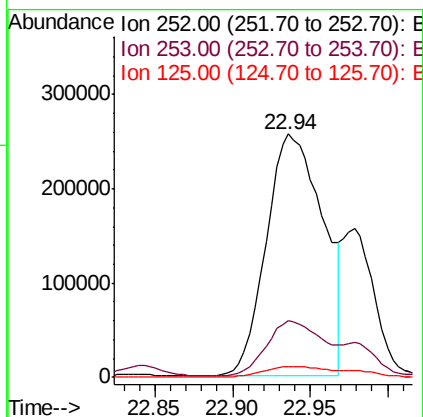
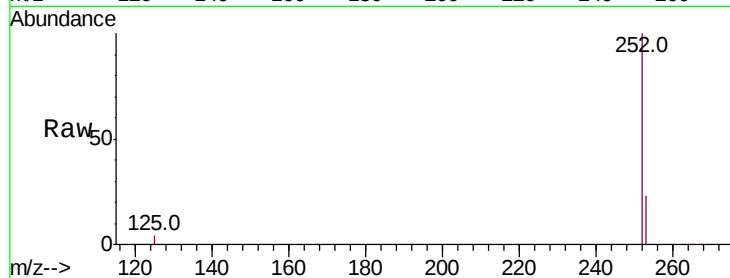




#35
Benzo(b)fluoranthene
Concen: 18.929 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.04 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

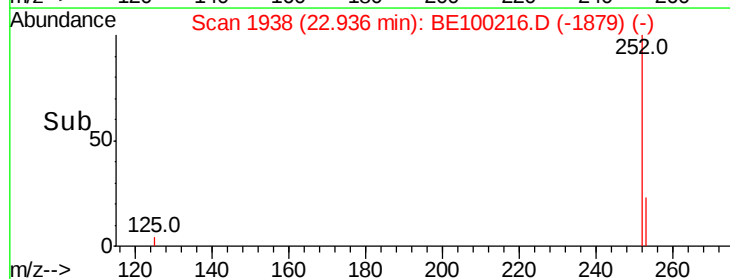
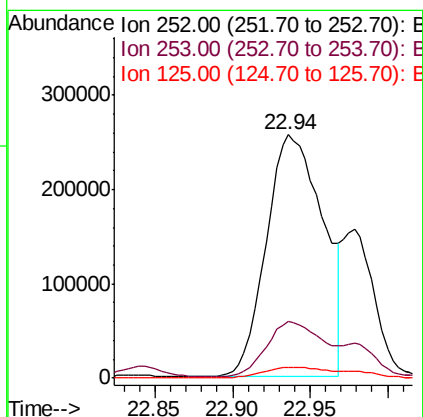
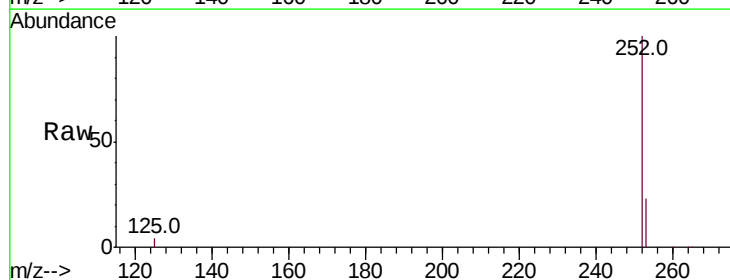
Instrument :
BNA_E
ClientSampleId :

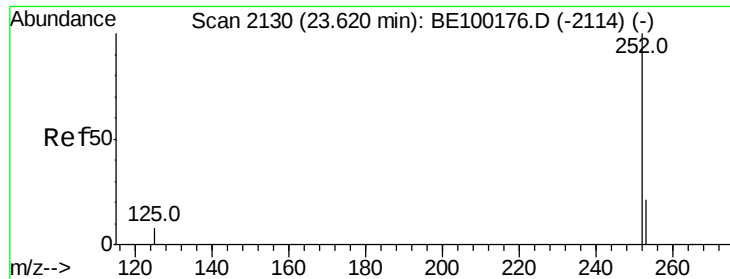
Tot Ion:252 Resp: 652841
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 4.4 6.3 9.5#



#36
Benzo(k)fluoranthene
Concen: 15.820 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.09 min
Lab File: BE100216.D
Acq: 27 Jun 2019 22:03

Tgt Ion:252 Resp: 652841
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 4.4 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 13.094 ng

RT: 23.57 min Scan# 2116

Delta R.T. -0.05 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

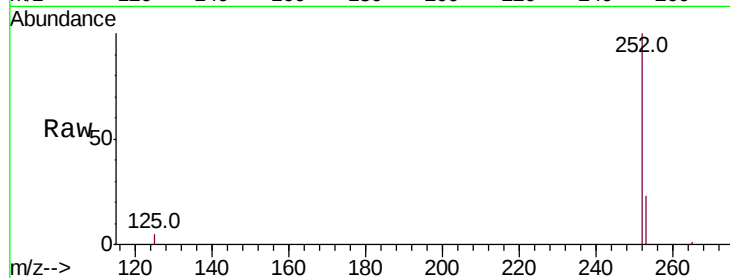
Tot Ion:252 Resp: 467947

Ion Ratio Lower Upper

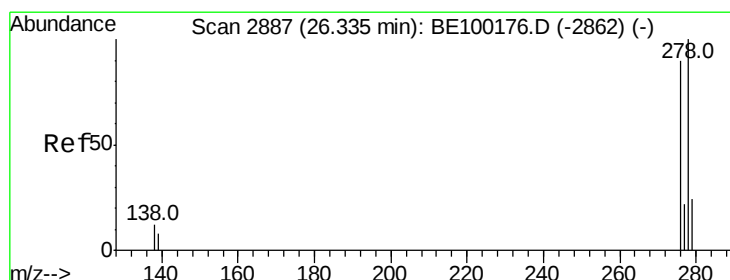
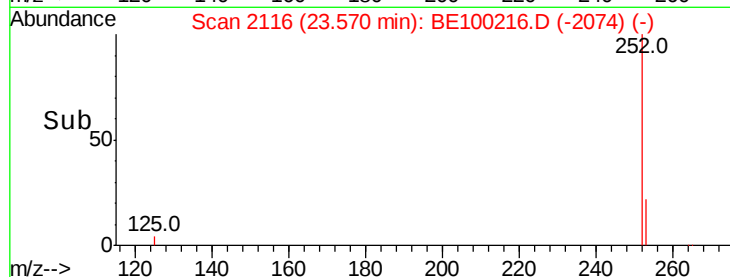
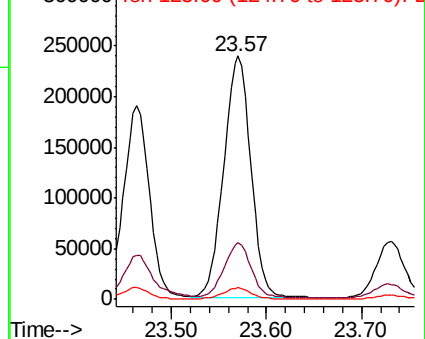
252 100

253 23.1 19.2 28.8

125 4.7 8.2 12.2#



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: 2.440 ng

RT: 26.25 min Scan# 2864

Delta R.T. -0.08 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

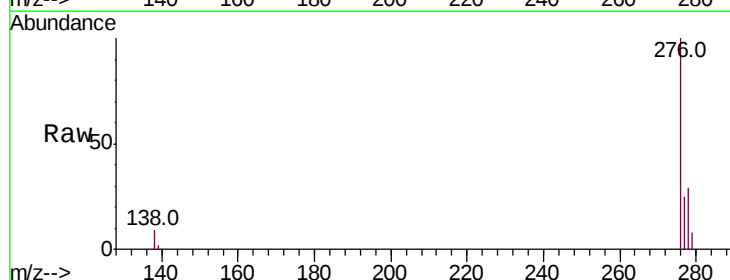
Tgt Ion:278 Resp: 93262

Ion Ratio Lower Upper

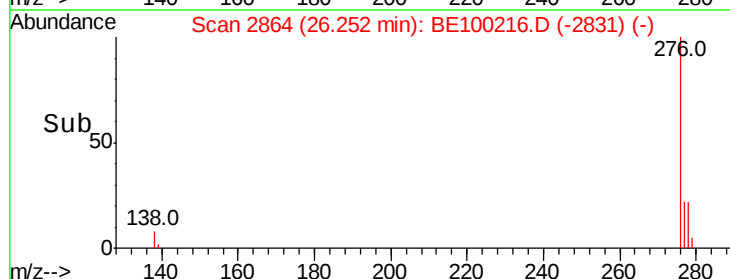
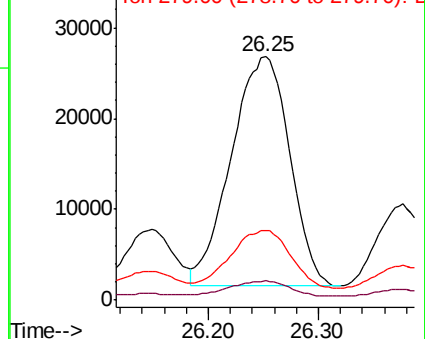
278 100

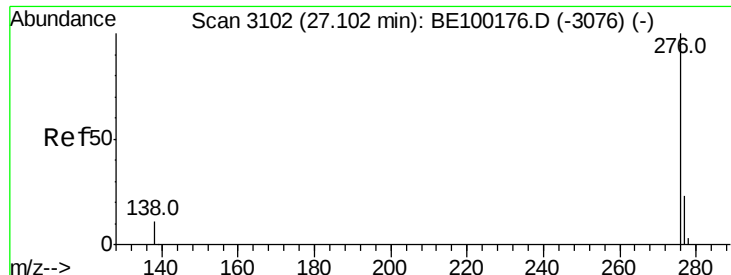
139 7.9 9.0 13.4#

279 28.6 21.1 31.7



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: 9.199 ng

RT: 27.04 min Scan# 3084

Delta R.T. -0.07 min

Lab File: BE100216.D

Acq: 27 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

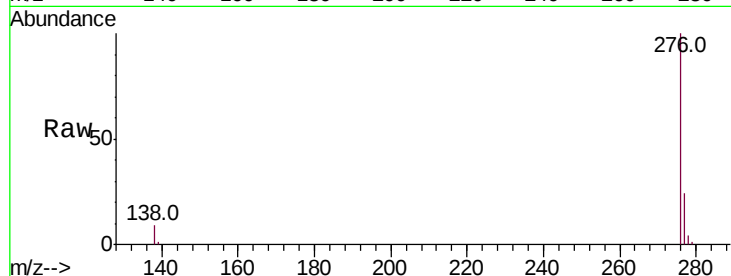
Tot Ion:276 Resp: 367137

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.6

138 9.3 10.2 15.4



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

