

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100213.D
 Acq On : 27 Jun 2019 20:16
 Operator : JU/SJ
 Sample : K3428-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 05:37:39 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	822	0.40	ng	-0.02
7) Naphthalene-d8	10.45	136	2860	0.40	ng	-0.03
13) Acenaphthene-d10	14.31	164	2291	0.40	ng	-0.03
19) Phenanthrene-d10	17.05	188	6892	0.40	ng	-0.04
27) Chrysene-d12	21.25	240	9135	0.40	ng	-0.04
34) Perylene-d12	23.67	264	10713	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	578	0.32	ng	-0.01
5) Phenol-d6	6.83	99	798	0.32	ng	-0.05
8) Nitrobenzene-d5	8.82	82	863	0.30	ng	-0.03
11) 2-Methylnaphthalene-d10	12.05	152	1995	0.37	ng	-0.03
14) 2,4,6-Tribromophenol	15.81	330	376	0.28	ng	-0.04
15) 2-Fluorobiphenyl	12.94	172	2439	0.27	ng	-0.03
25) Fluoranthene-d10	19.09	212	34880	0.35	ng	-0.04
29) Terphenyl-d14	19.70	244	4493	0.25	ng	-0.04

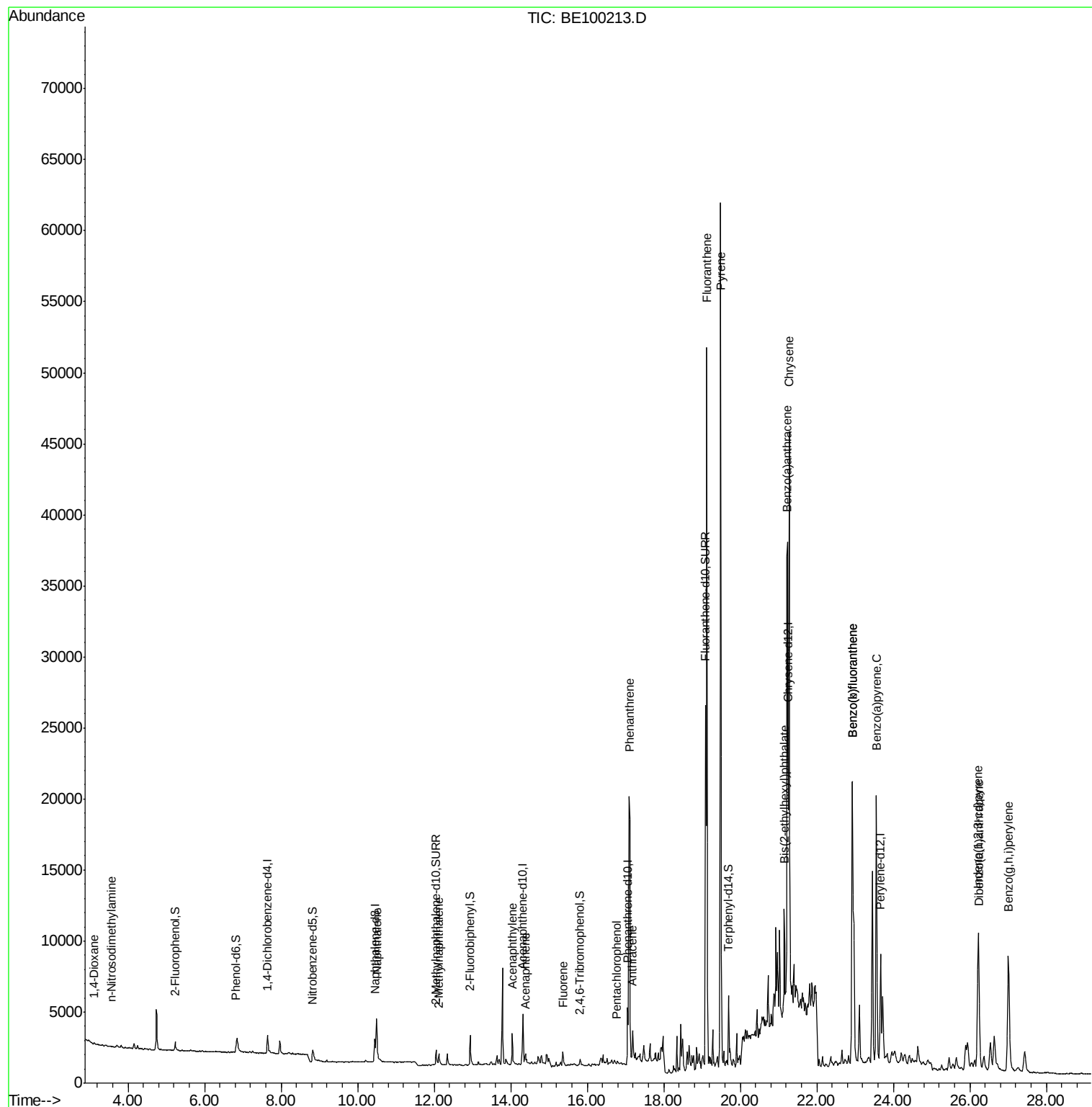
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	40	0.031	ng	# 1
3) n-Nitrosodimethylamine	3.55	42	18	0.038	ng	# 1
9) Naphthalene	10.50	128	6937	0.222	ng	99
12) 2-Methylnaphthalene	12.12	142	704	0.140	ng	90
16) Acenaphthylene	14.04	152	2808	0.251	ng	99
17) Acenaphthene	14.38	154	375	0.060	ng	89
18) Fluorene	15.37	166	1010	0.112	ng	# 90
22) Pentachlorophenol	16.76	266	11	0.278	ng	86
23) Phenanthrene	17.09	178	23892	1.464	ng	99
24) Anthracene	17.19	178	3142	0.228	ng	100
26) Fluoranthene	19.13	202	47178	1.776	ng	99
28) Pyrene	19.49	202	56818	2.429	ng	96
30) Benzo(a)anthracene	21.22	228	32090	1.192	ng	96
31) Chrysene	21.28	228	38363	1.214	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	8089	0.261	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.22	276	18943	0.421	ng	# 96
35) Benzo(b)fluoranthene	22.92	252	39058	1.356	ng	99
36) Benzo(k)fluoranthene	22.92	252	39058	1.133	ng	# 97
37) Benzo(a)pyrene	23.56	252	29098	0.975	ng	98
38) Dibenzo(a,h)anthracene	26.24	278	5180	0.162	ng	# 84
39) Benzo(g,h,i)perylene	27.01	276	20279	0.608	ng	97

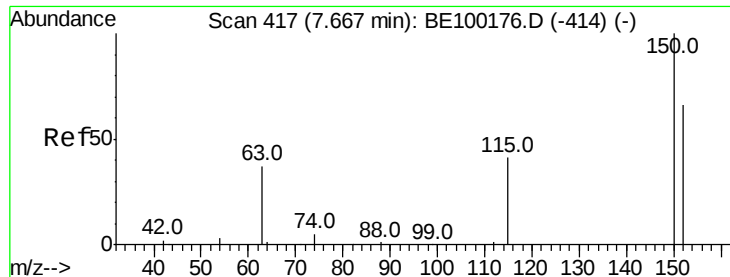
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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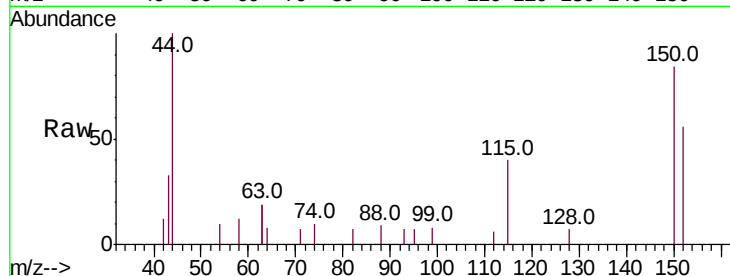


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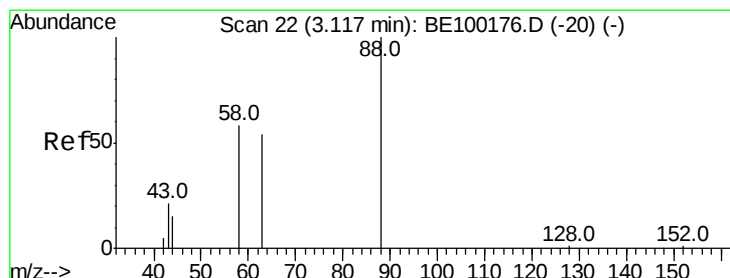
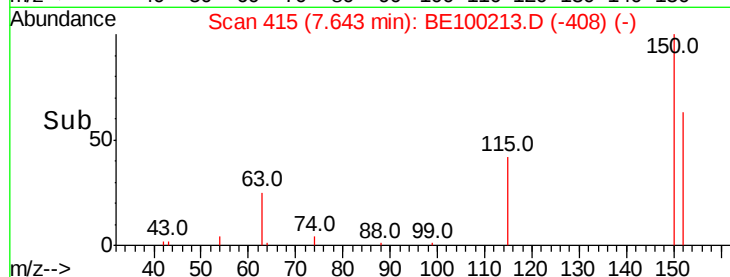
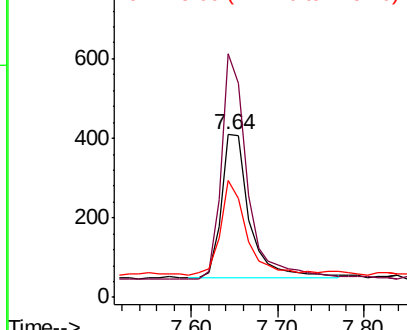
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 822
Ion Ratio Lower Upper
152 100
150 149.6 113.4 170.2
115 71.9 55.8 83.6



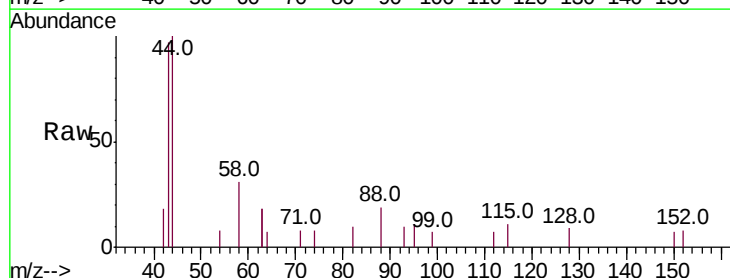
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



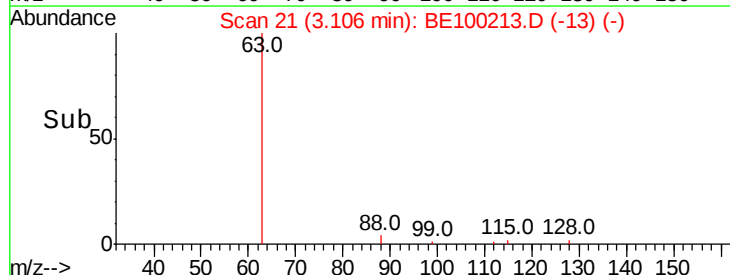
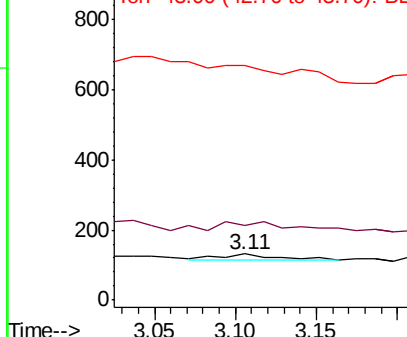
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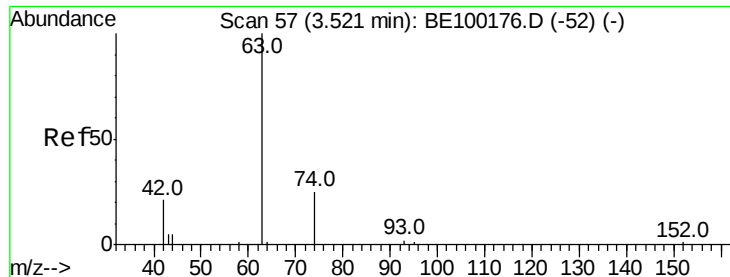
1,4-Dioxane
Concen: 0.031 ng
RT: 3.11 min Scan# 21
Delta R.T. -0.01 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
58 162.5 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

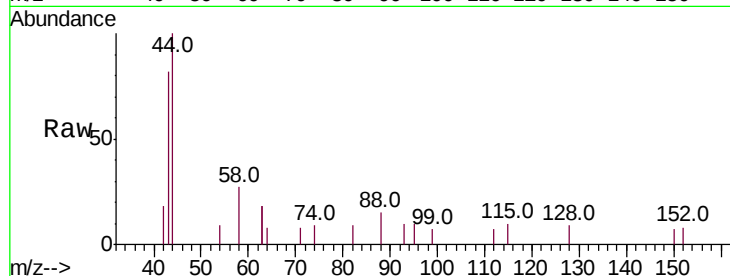




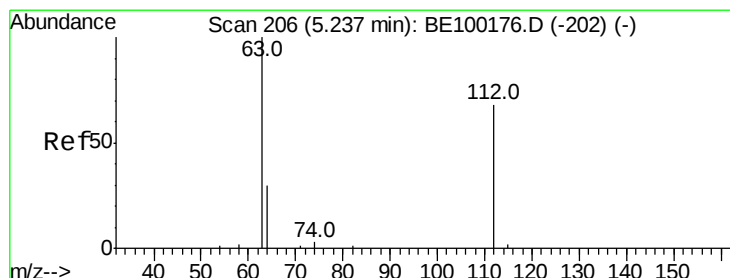
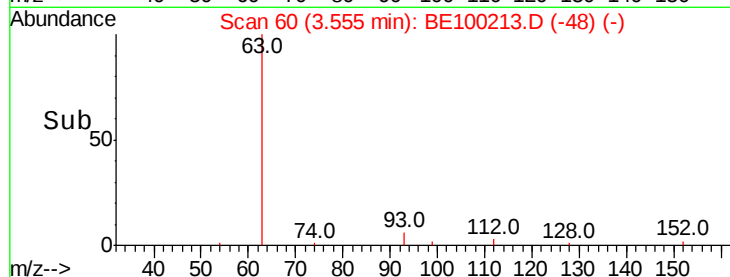
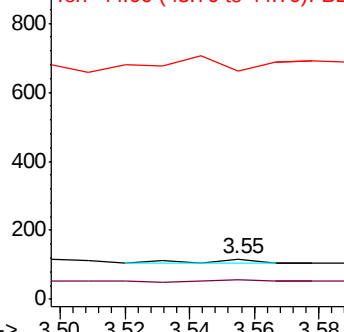
#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.55 min Scan# 60
Delta R.T. 0.03 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 50.0 193.2 289.8#
44 361.1 114.5 171.7#

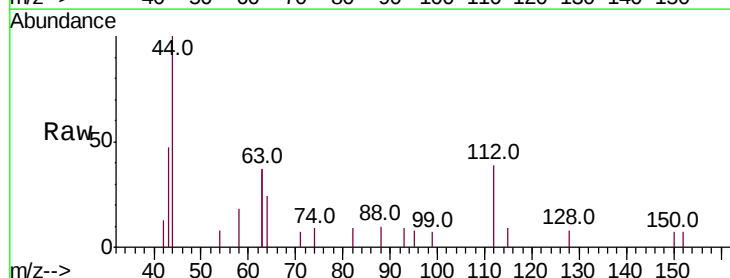


Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1

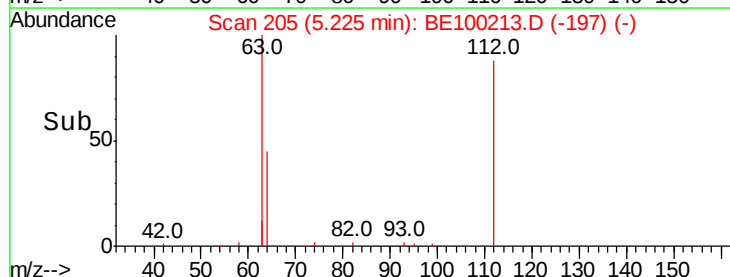
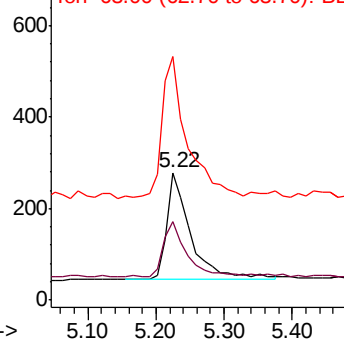


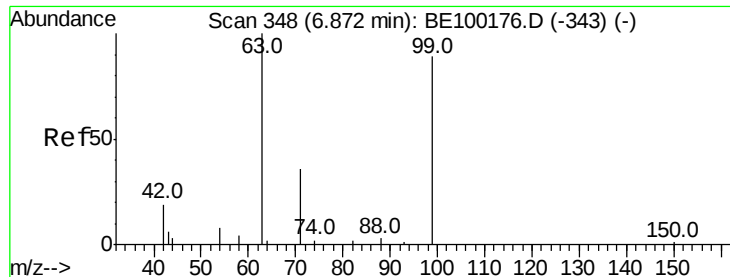
#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion: 112 Resp: 578
Ion Ratio Lower Upper
112 100
64 48.1 40.7 61.1
63 133.4 93.2 139.8



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: 0.317 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.05 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

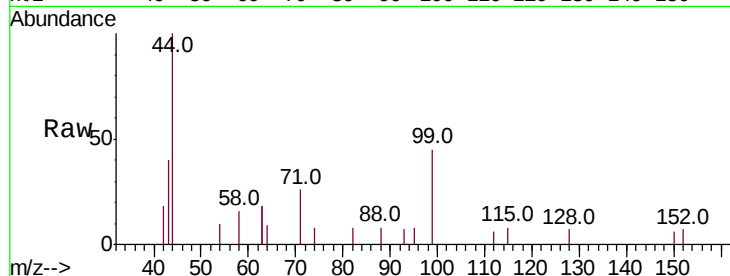
Tot Ion: 99 Resp: 798

Ion Ratio Lower Upper

99 100

42 21.7 10.4 15.6#

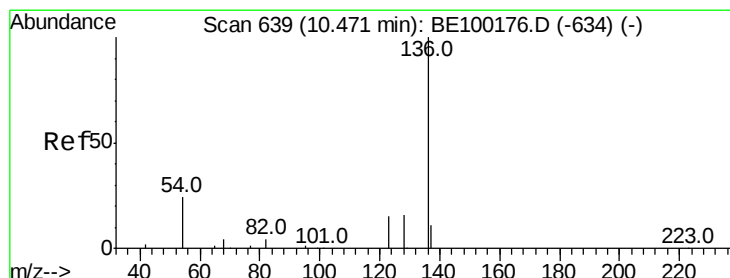
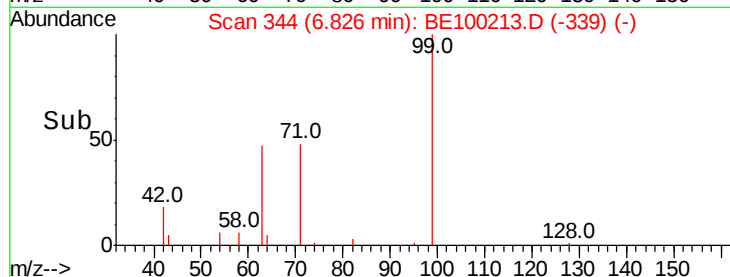
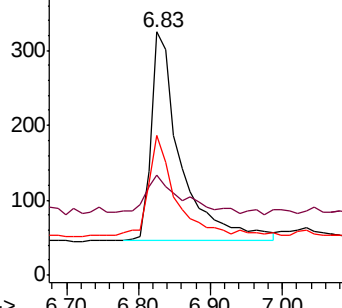
71 38.8 32.4 48.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Tgt Ion: 136 Resp: 2860

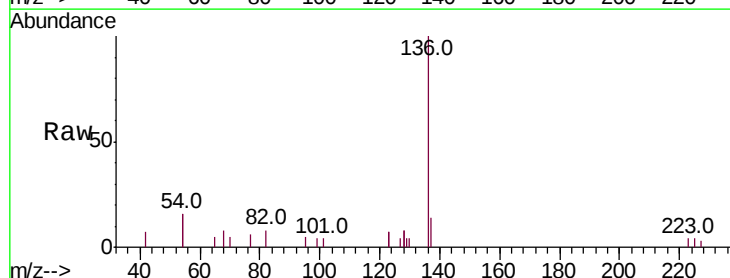
Ion Ratio Lower Upper

136 100

137 14.1 13.8 20.8

54 31.3 35.4 53.2#

68 8.1 8.8 13.2#

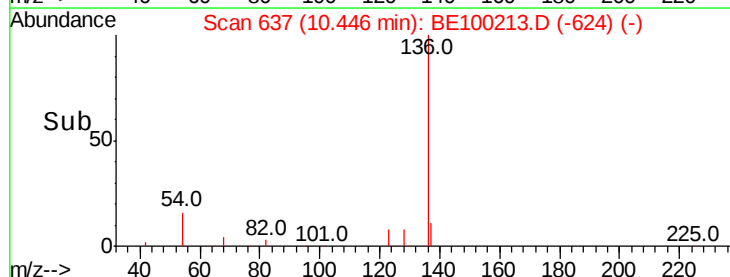
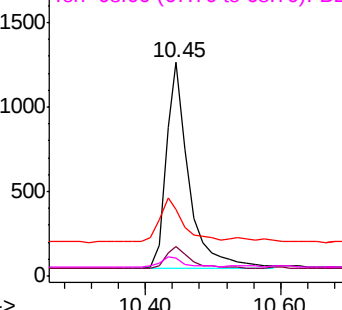


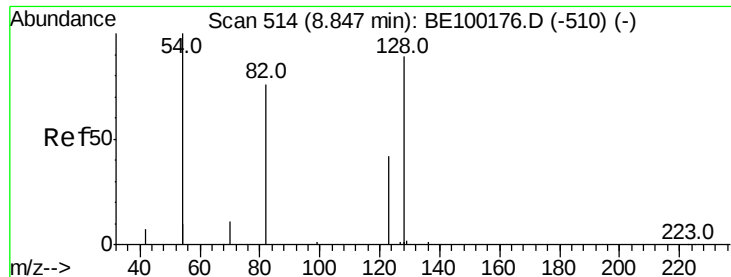
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.303 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

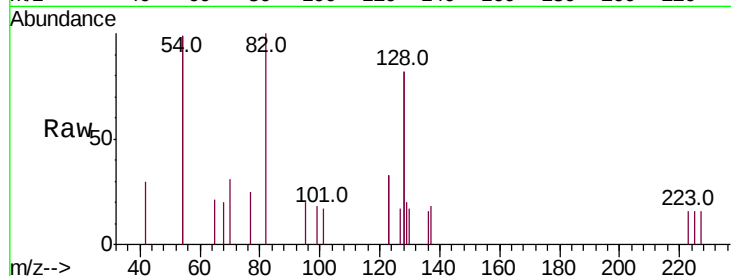
Tot Ion: 82 Resp: 863

Ion Ratio Lower Upper

82 100

128 164.2 144.6 217.0

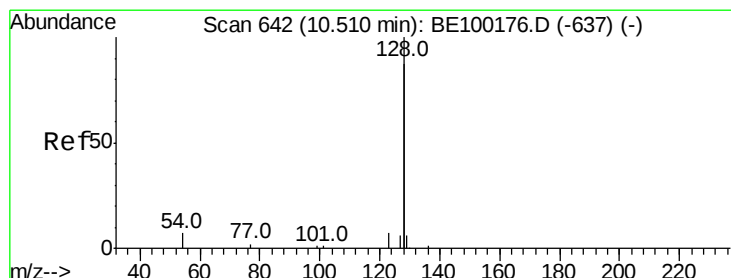
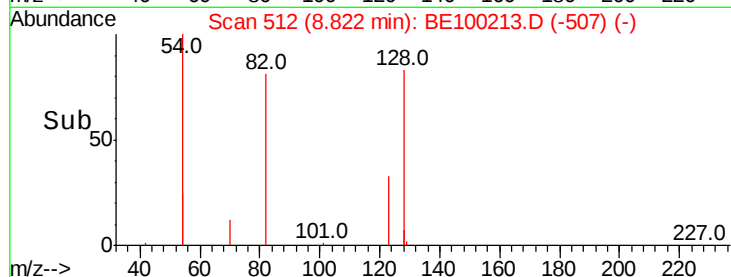
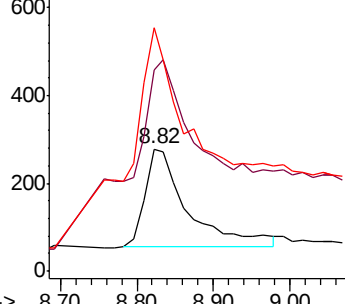
54 198.6 163.0 244.6



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: 0.222 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

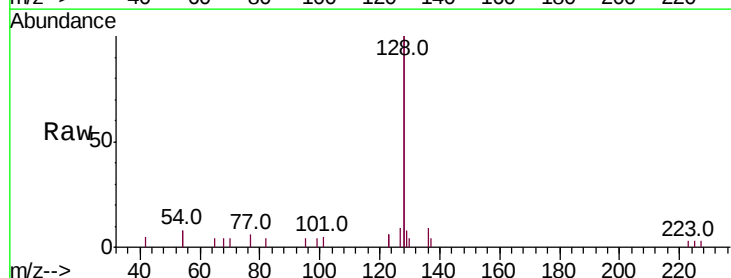
Tgt Ion: 128 Resp: 6937

Ion Ratio Lower Upper

128 100

129 4.2 3.6 5.4

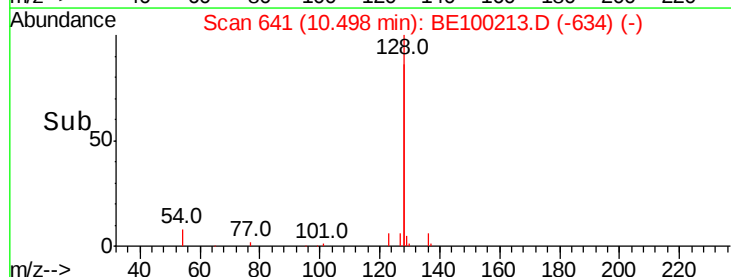
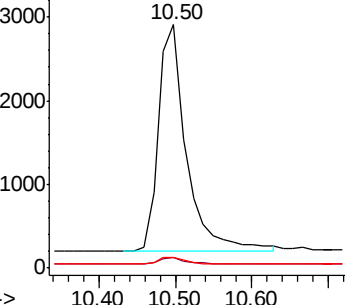
127 4.6 3.8 5.8

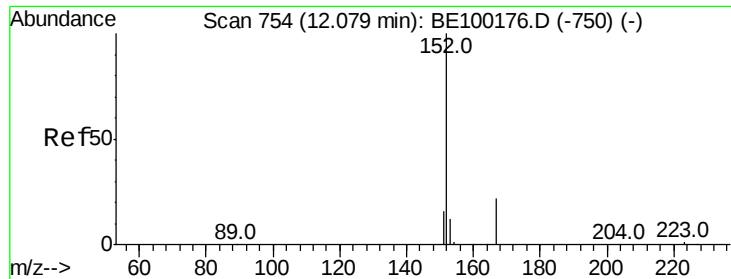


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

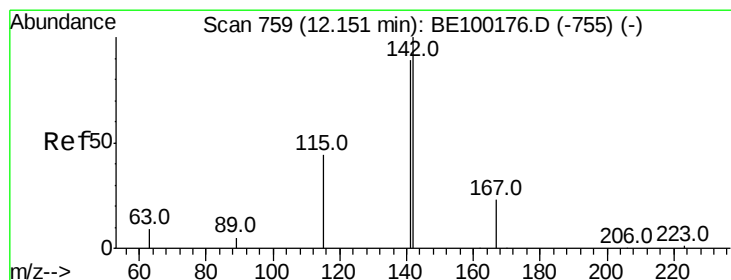
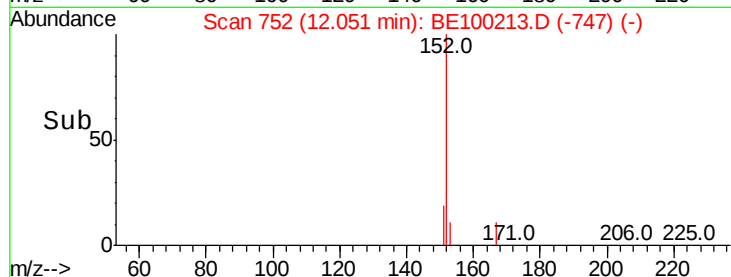
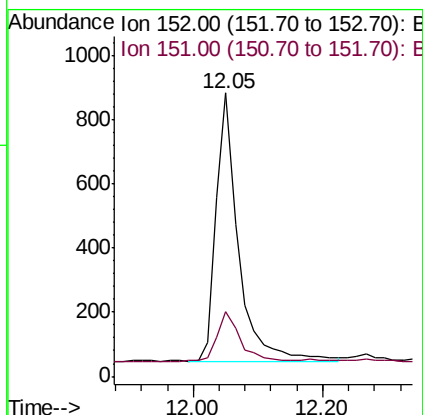
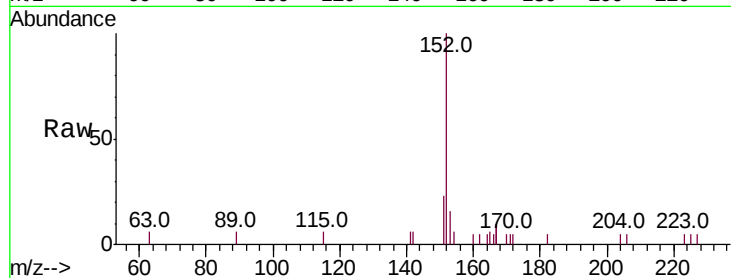




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

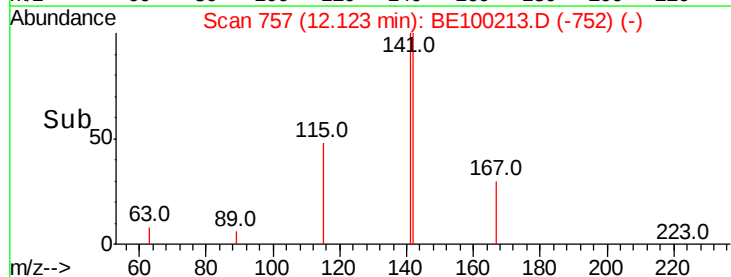
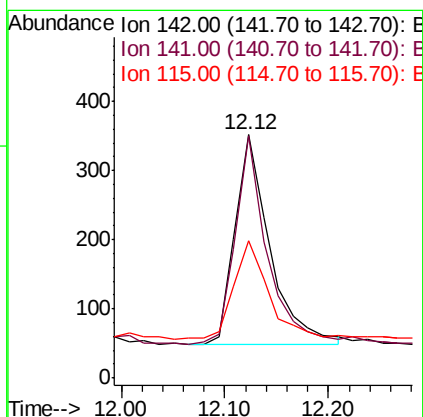
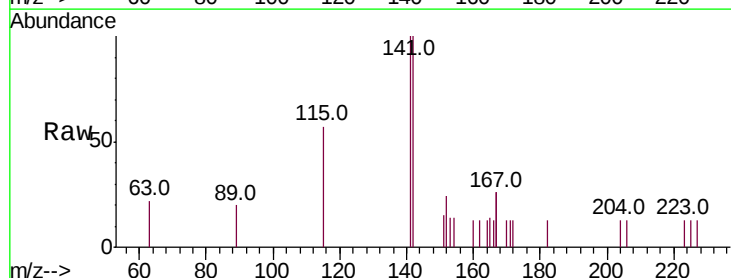
Instrument :
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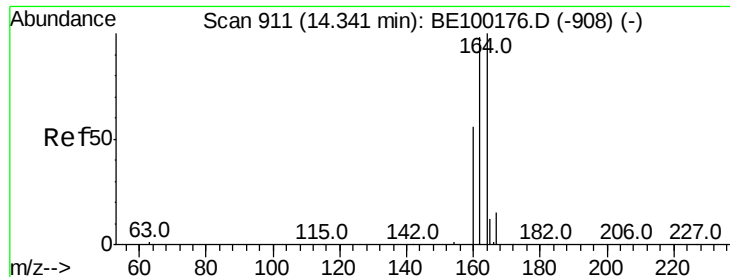
Tot Ion:152 Resp: 1995
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.140 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion:142 Resp: 704
Ion Ratio Lower Upper
142 100
141 99.7 71.8 107.8
115 56.5 40.4 60.6

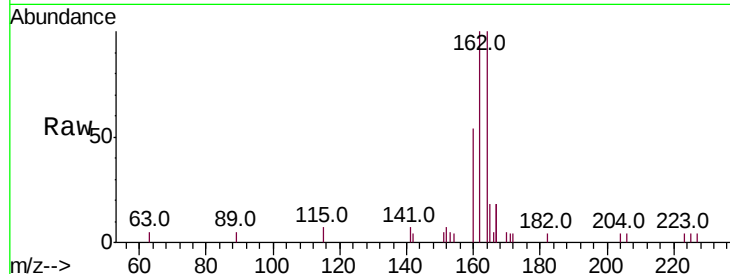




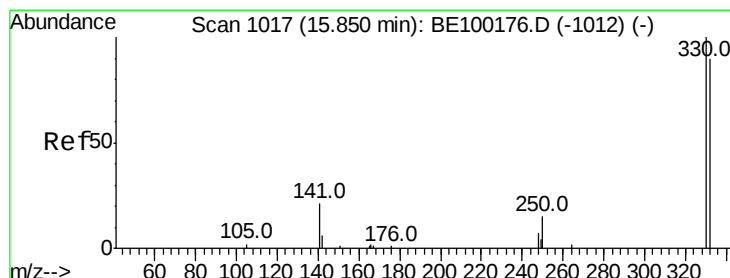
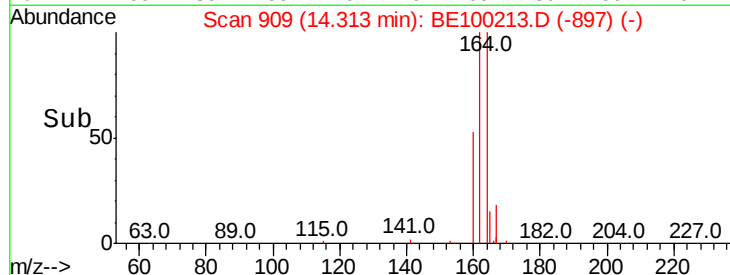
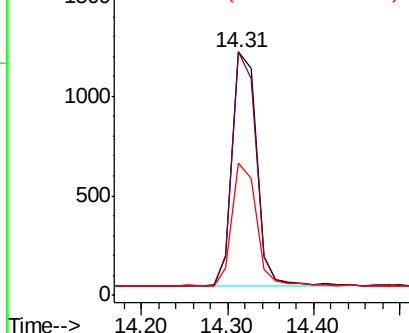
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. -0.03 min
 Lab File: BE100213.D
 Acq: 27 Jun 2019 20:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2291
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.6 118.0
 160 54.5 46.9 70.3

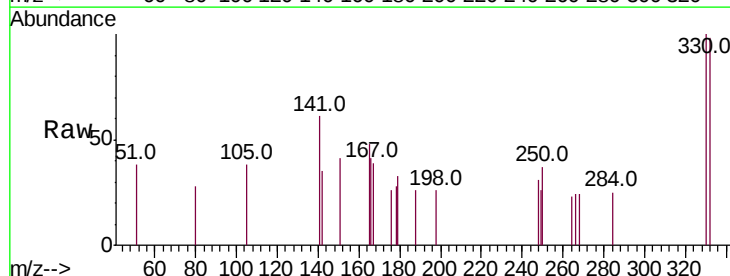


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

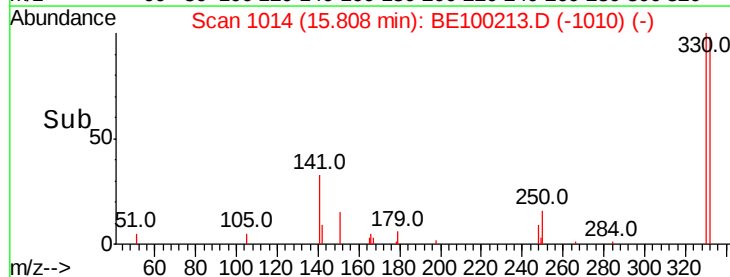
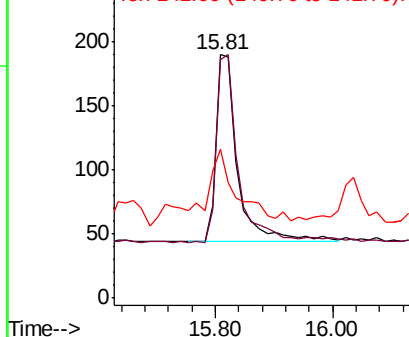


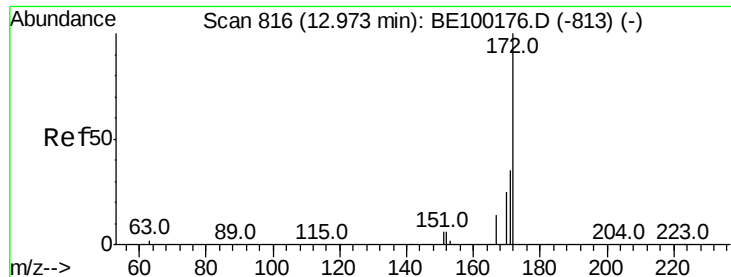
#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.04 min
 Lab File: BE100213.D
 Acq: 27 Jun 2019 20:16

Tgt Ion:330 Resp: 376
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.7 116.5
 141 41.2 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

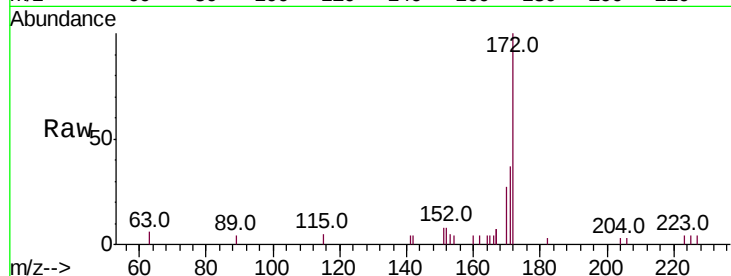




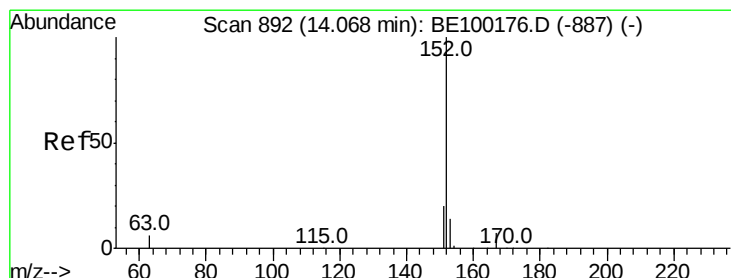
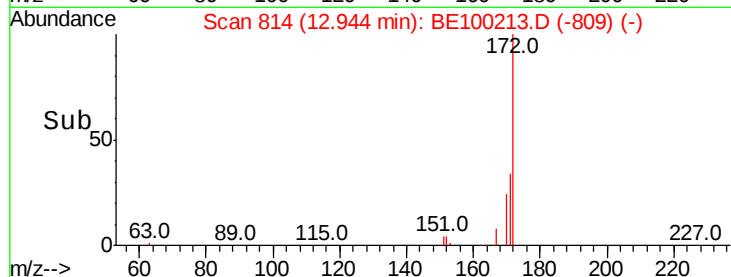
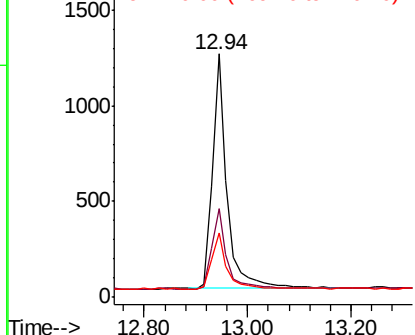
#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2439
Ion Ratio Lower Upper
172 100
171 36.5 31.0 46.4
170 26.7 23.9 35.9

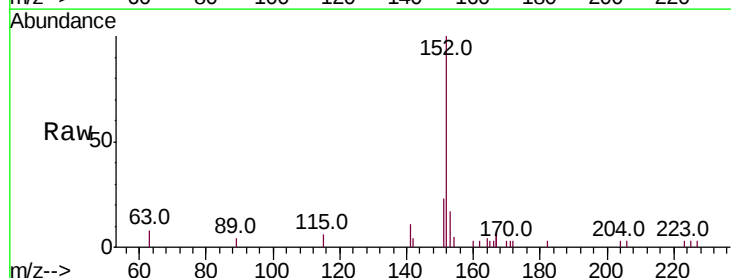


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

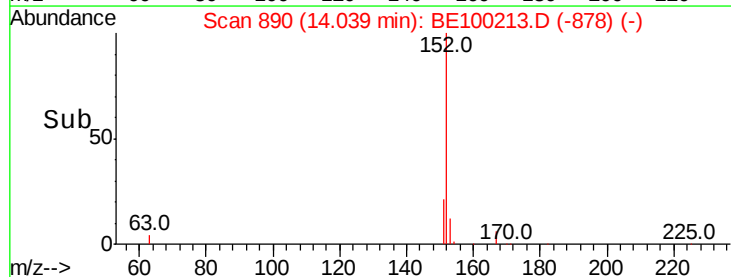
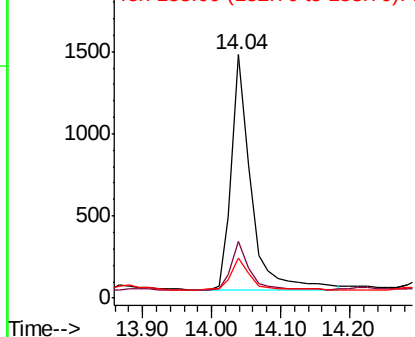


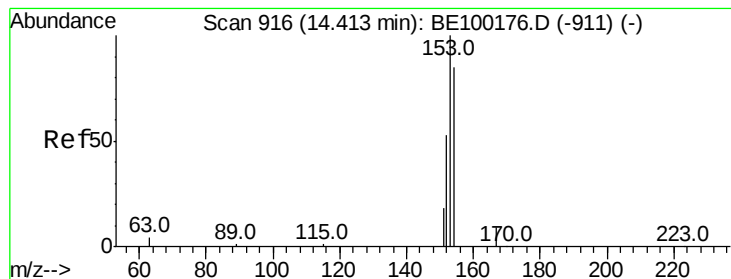
#16
Acenaphthylene
Concen: 0.251 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion:152 Resp: 2808
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.1 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: 0.060 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

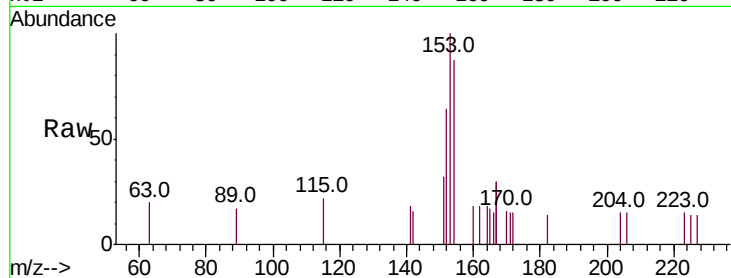
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 375

Ion	Ratio	Lower	Upper
154	100		
153	128.0	95.3	142.9
152	79.2	52.9	79.3

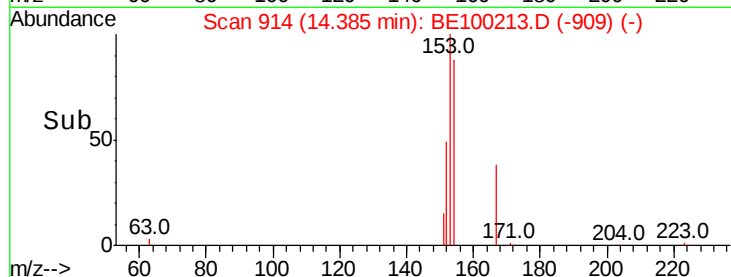
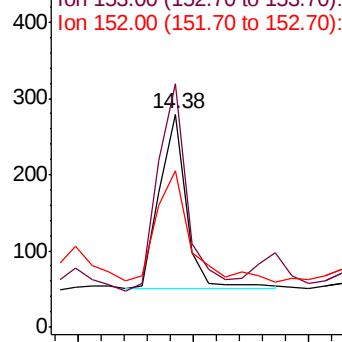


Abundance

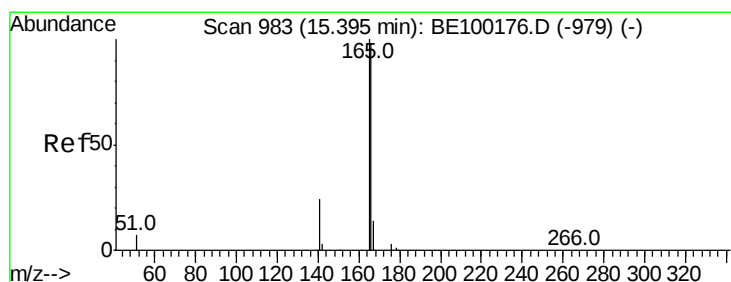
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.112 ng

RT: 15.37 min Scan# 981

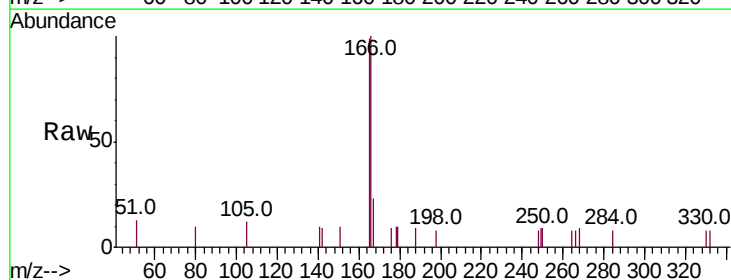
Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Tgt Ion:166 Resp: 1010

Ion	Ratio	Lower	Upper
166	100		
165	109.6	81.0	121.4
167	22.9	11.4	17.0#

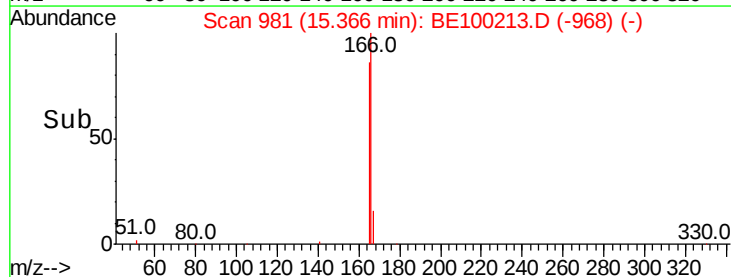
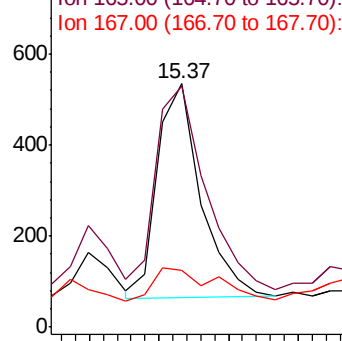


Abundance

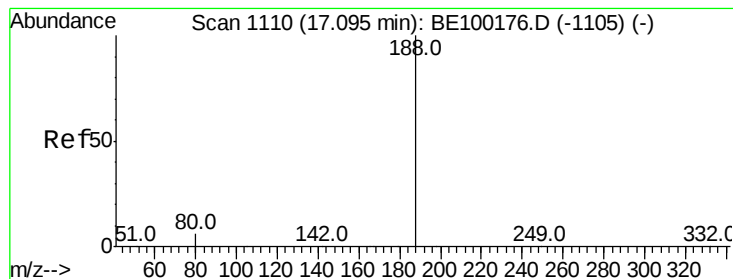
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

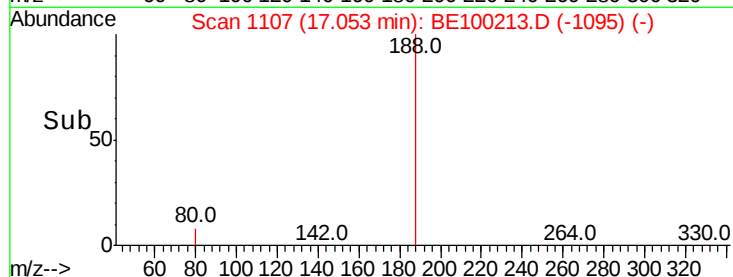
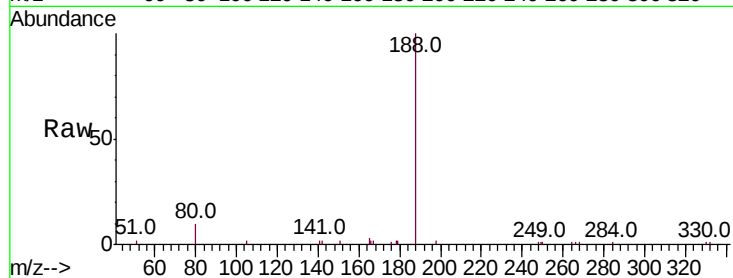
Tot Ion:188 Resp: 6892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

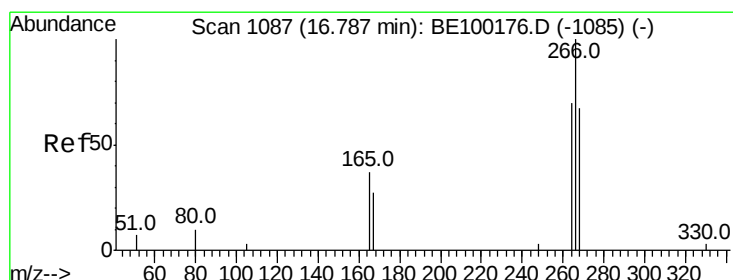
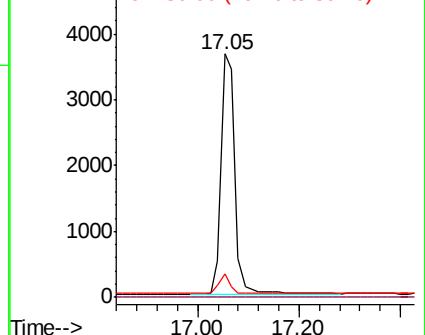
80 9.7 6.4 9.6#



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: 0.278 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

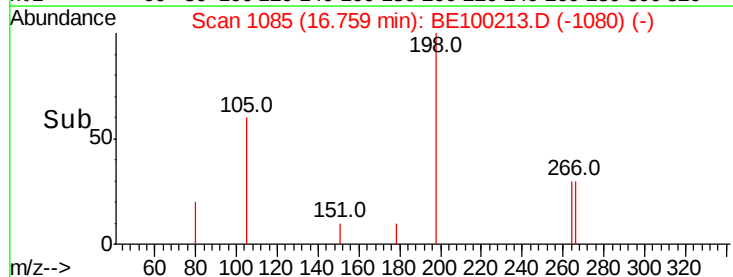
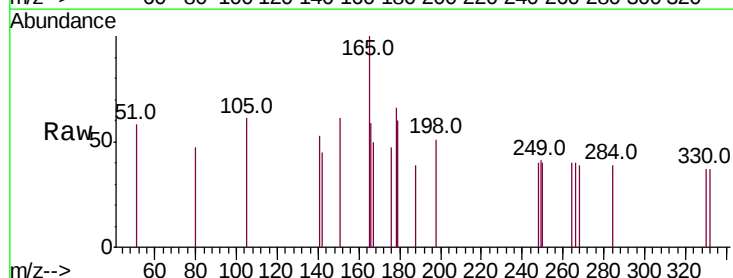
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 100.0 67.7 101.5

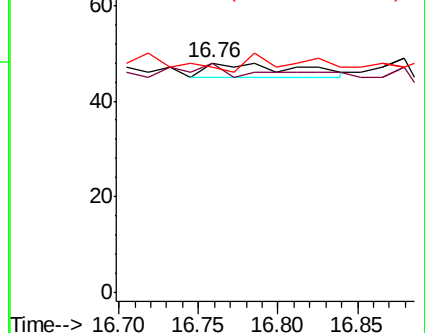
268 97.9 69.8 104.6

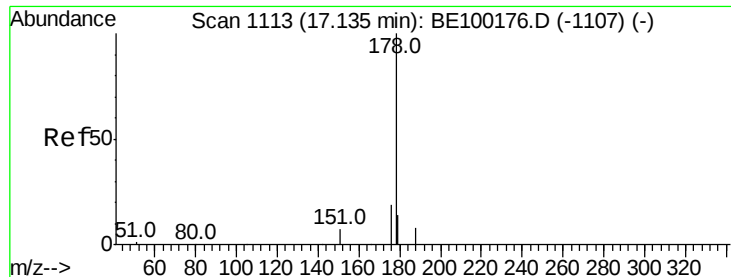


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.464 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

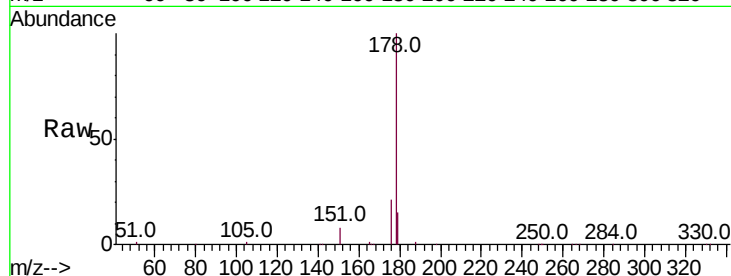
Tot Ion:178 Resp: 23892

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

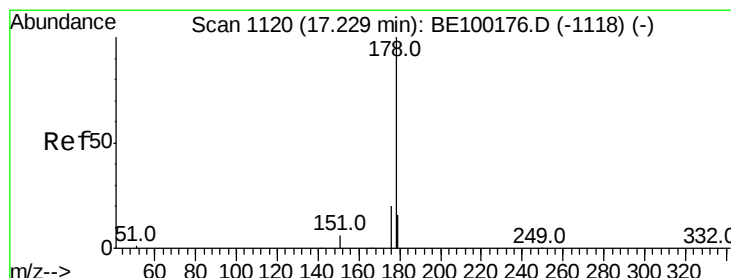
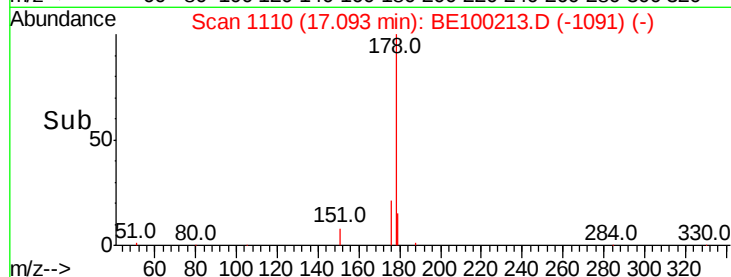
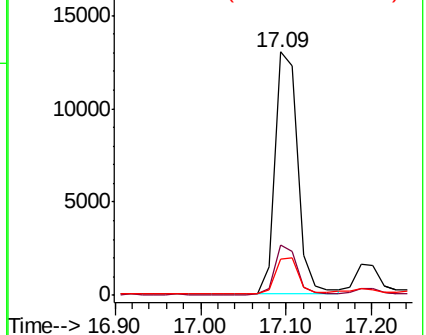
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.228 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

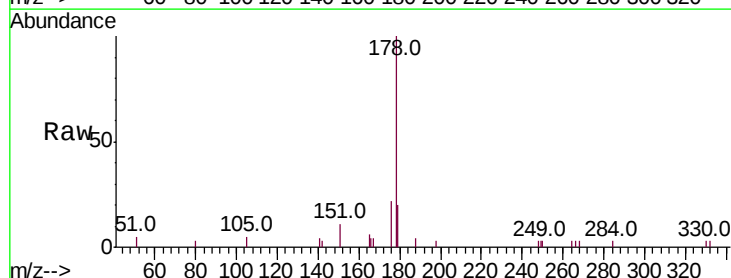
Tgt Ion:178 Resp: 3142

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

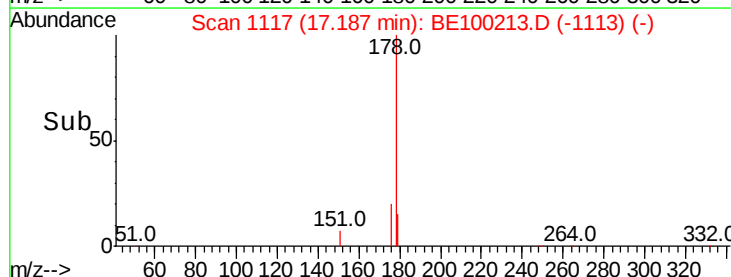
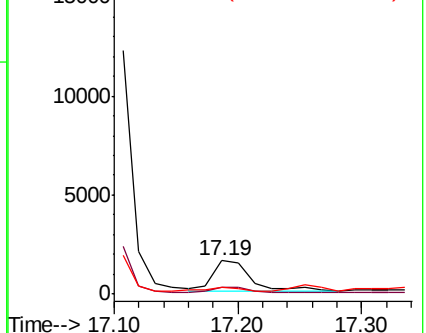
179 16.0 12.9 19.3

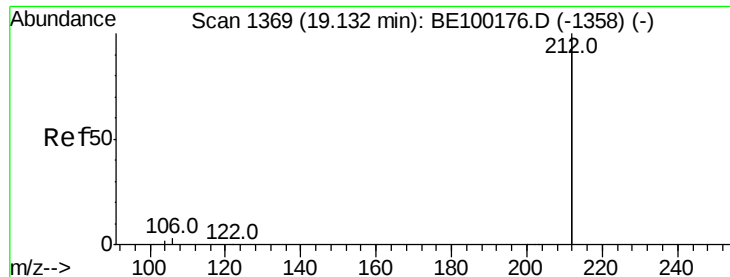


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

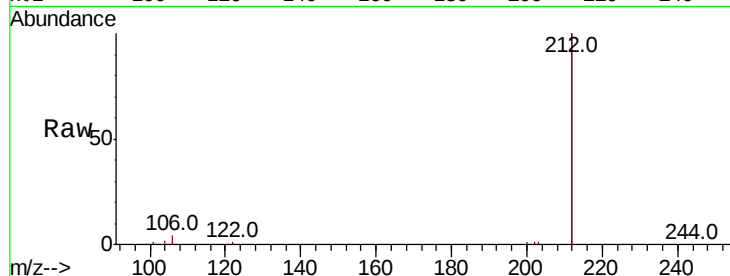
Tot Ion:212 Resp: 34880

Ion Ratio Lower Upper

212 100

106 1.7 1.3 1.9

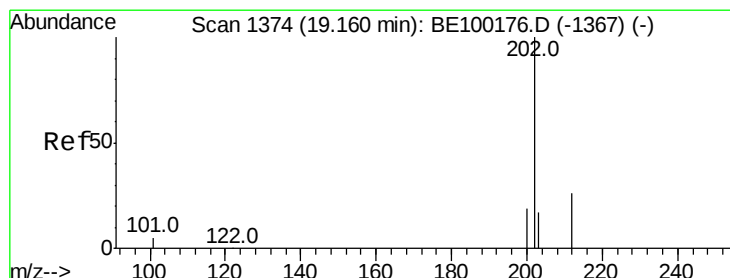
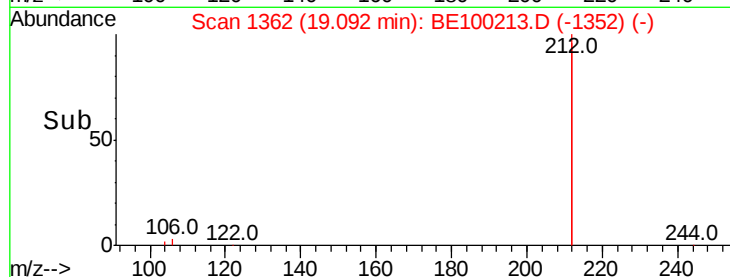
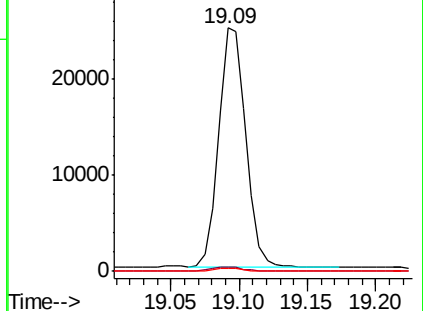
104 1.0 0.7 1.1



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: 1.776 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

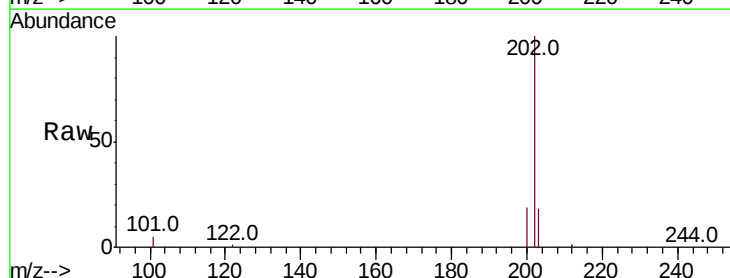
Tgt Ion:202 Resp: 47178

Ion Ratio Lower Upper

202 100

101 5.9 4.5 6.7

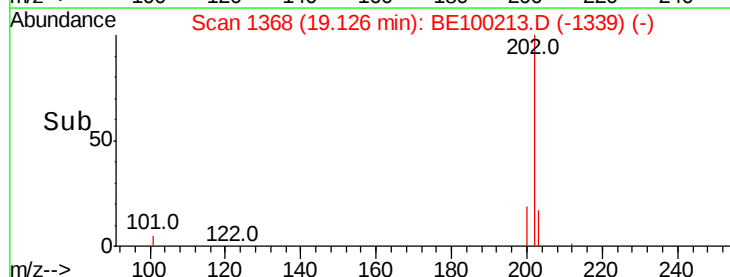
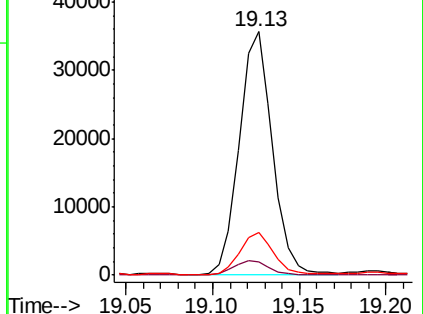
203 17.3 13.7 20.5

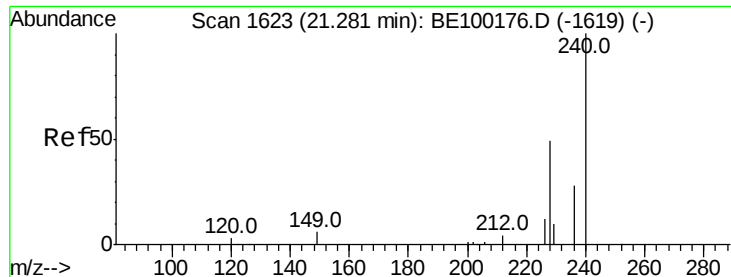


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

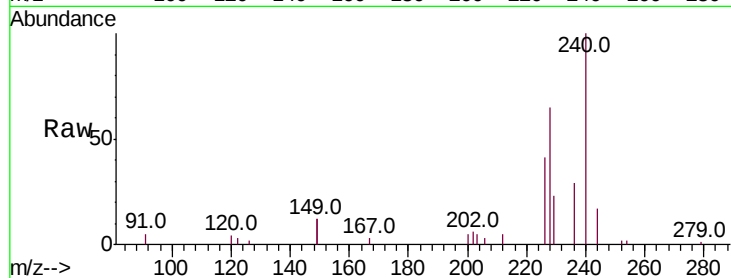




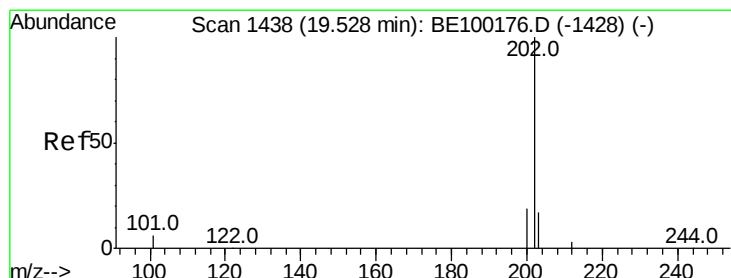
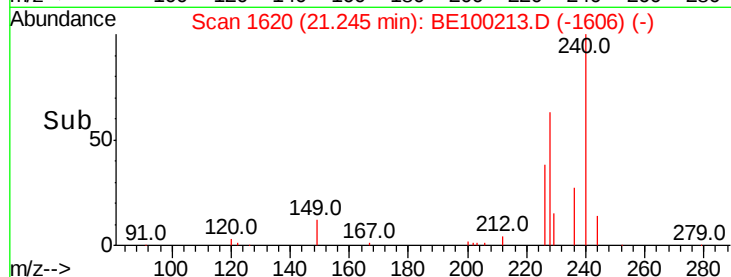
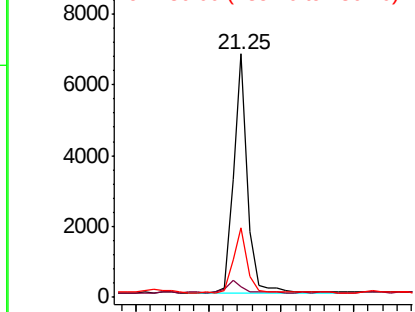
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 9135
Ion Ratio Lower Upper
240 100
120 4.3 4.1 6.1
236 28.6 23.0 34.6

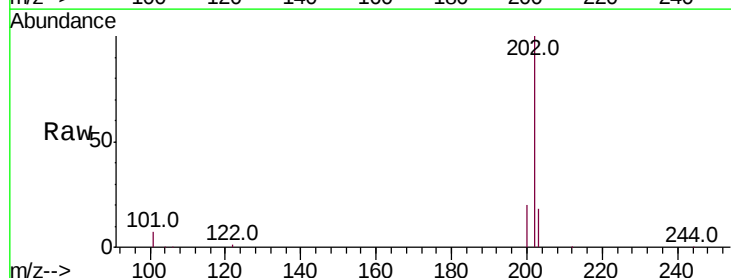


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

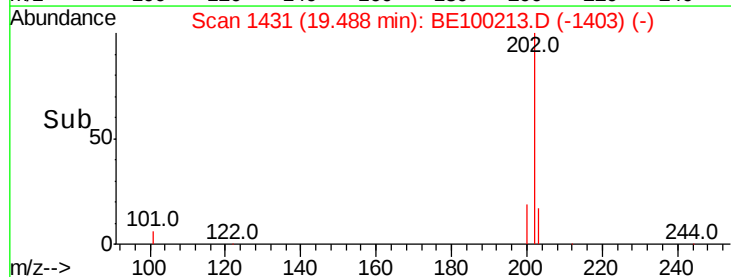
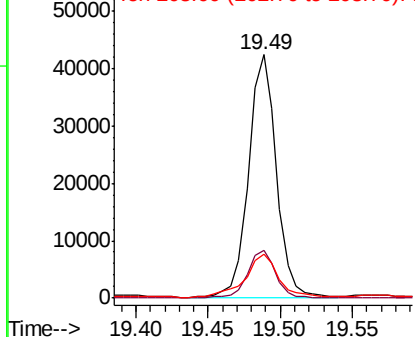


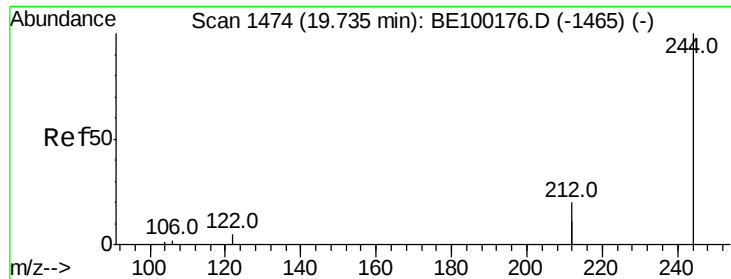
#28
Pyrene
Concen: 2.429 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion:202 Resp: 56818
Ion Ratio Lower Upper
202 100
200 19.7 15.5 23.3
203 20.7 13.9 20.9



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: 0.250 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

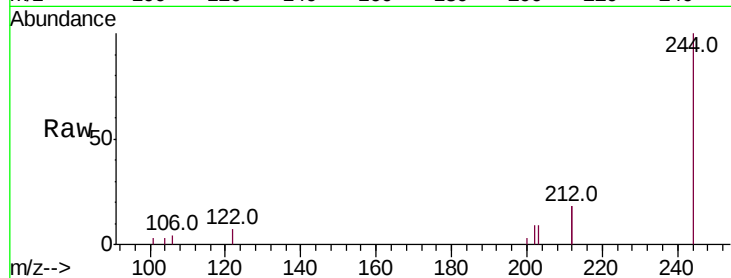
Tot Ion:244 Resp: 4493

Ion Ratio Lower Upper

244 100

212 36.6 30.7 46.1

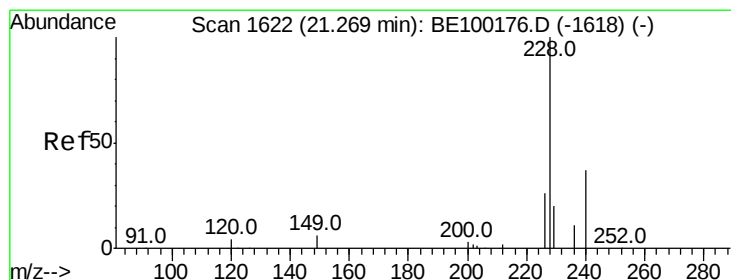
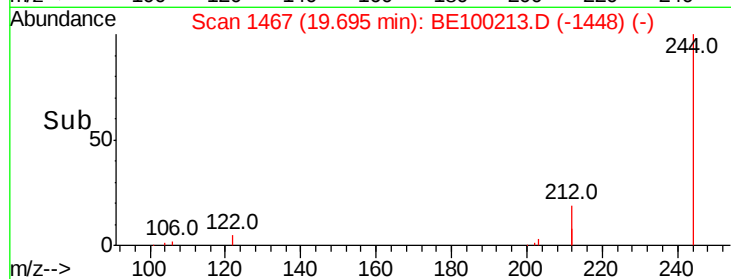
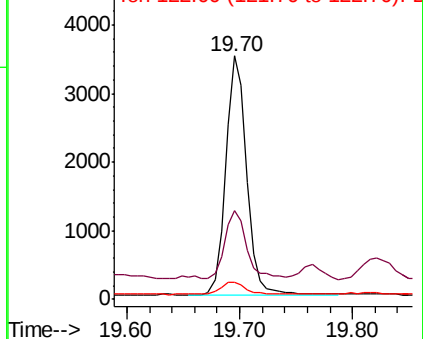
122 7.2 5.8 8.6



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: 1.192 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.05 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

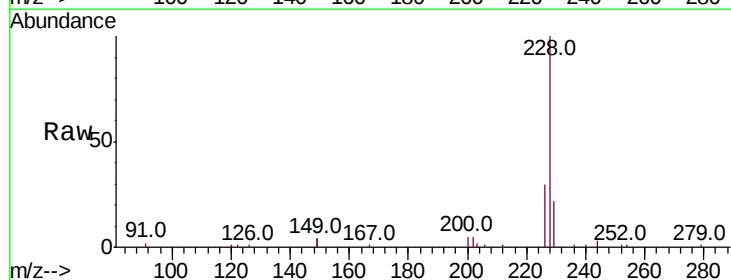
Tgt Ion:228 Resp: 32090

Ion Ratio Lower Upper

228 100

226 29.8 21.5 32.3

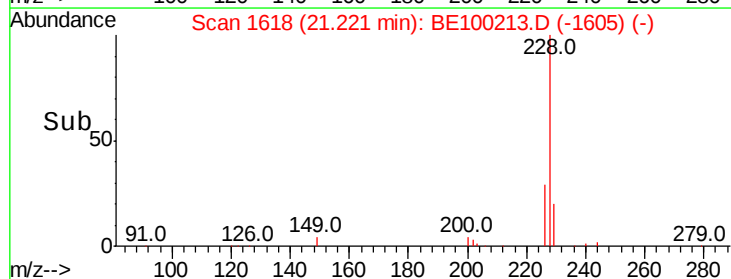
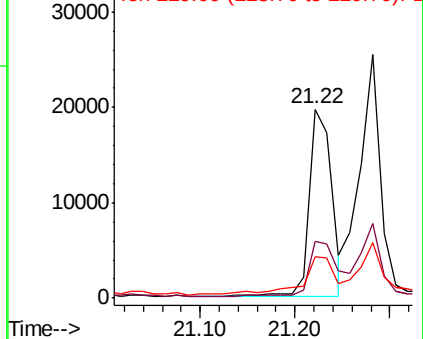
229 22.0 17.2 25.8

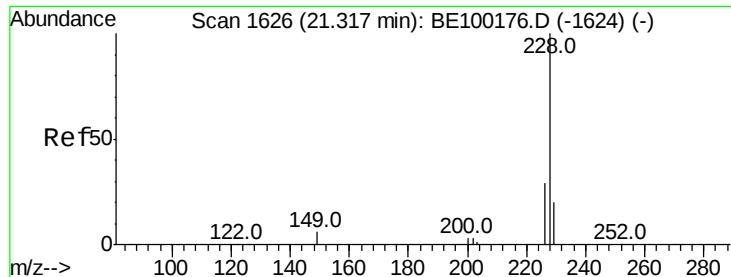


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.214 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

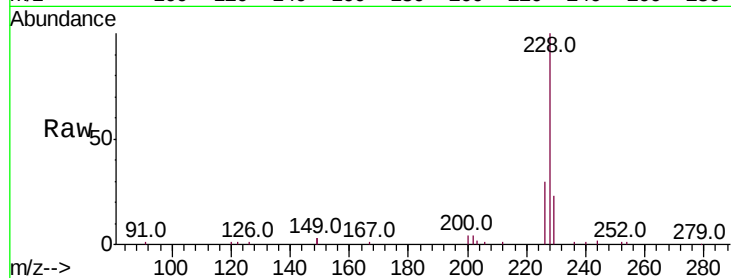
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 38363

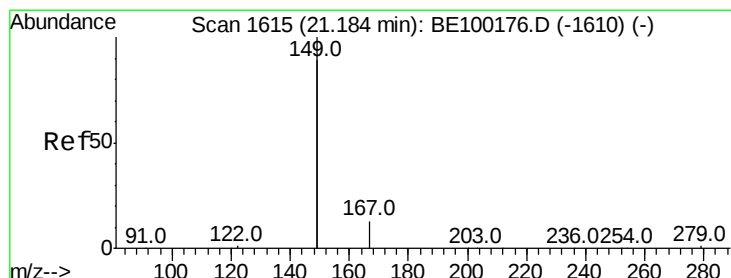
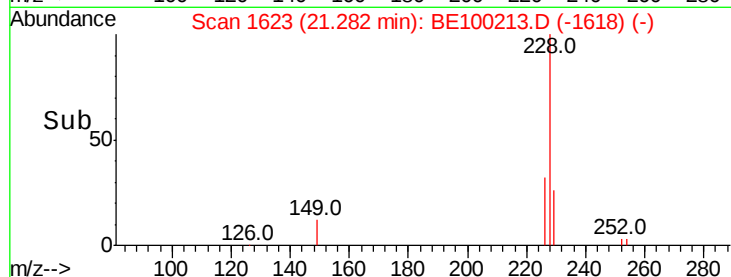
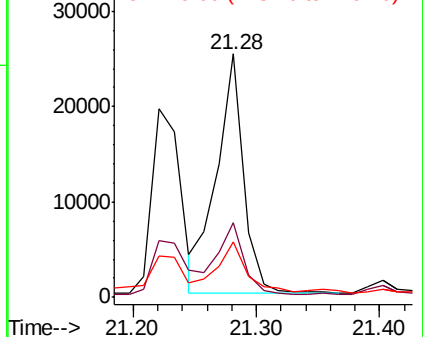
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	22.9	16.5	24.7



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: 0.261 ng

RT: 21.15 min Scan# 1612

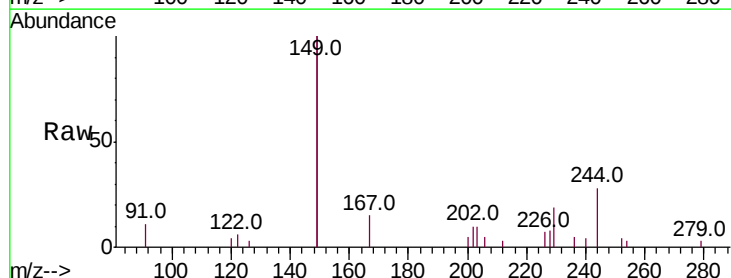
Delta R.T. -0.04 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Tgt Ion:149 Resp: 8089

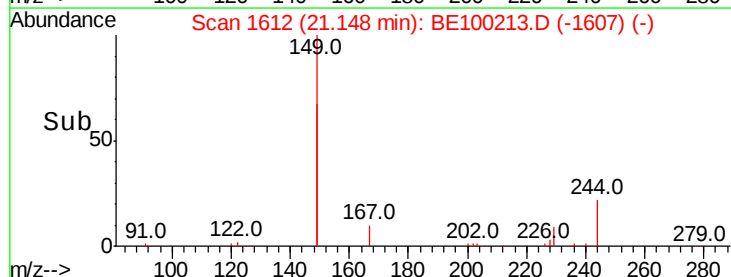
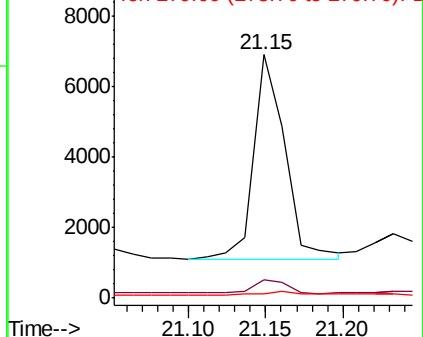
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.9	8.9
279	1.8	1.0	1.6#

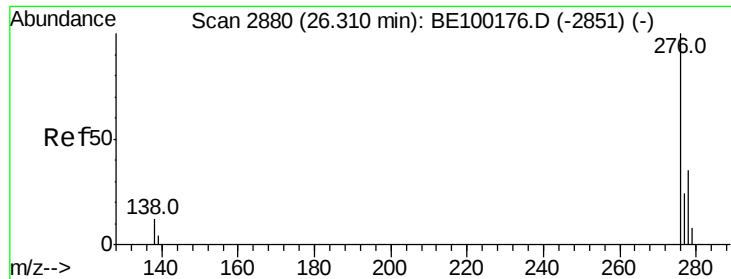


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.421 ng

RT: 26.22 min Scan# 2854

Delta R.T. -0.09 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

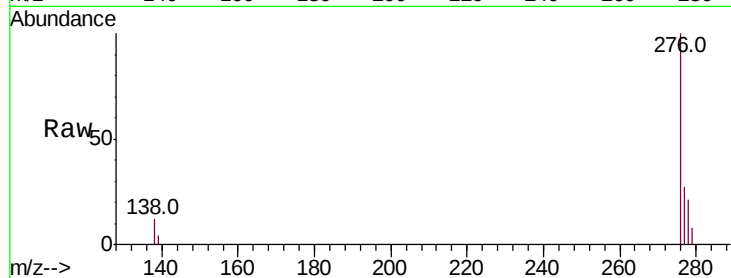
Tot Ion:276 Resp: 18943

Ion Ratio Lower Upper

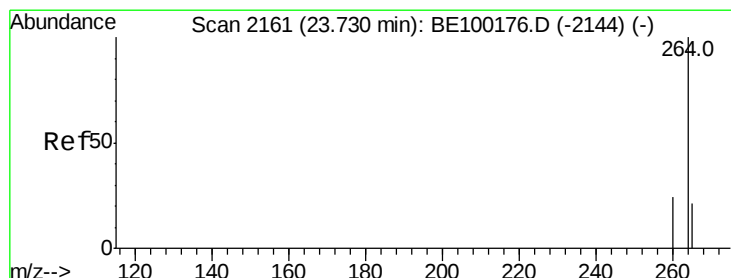
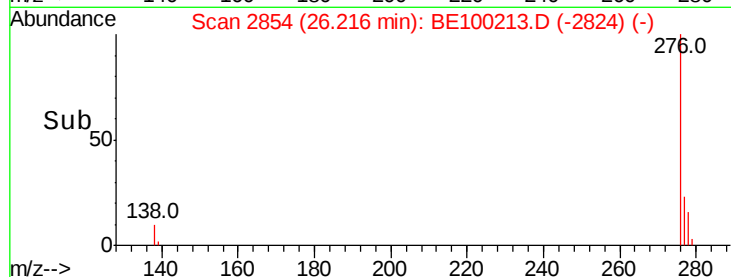
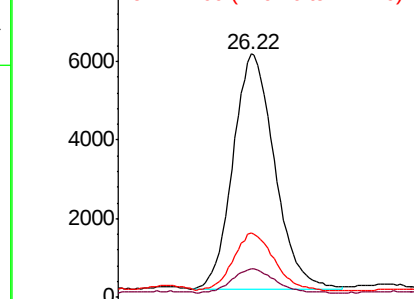
276 100

138 10.5 3.7 5.5#

277 24.2 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# 2143

Delta R.T. -0.06 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

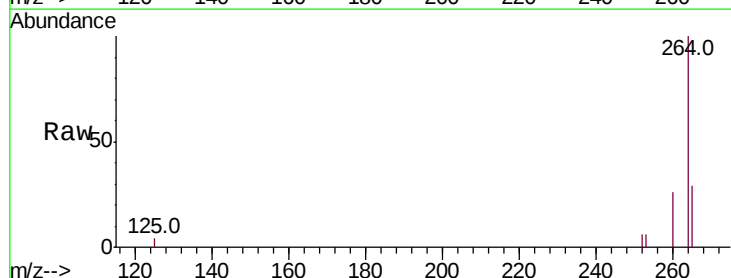
Tgt Ion:264 Resp: 10713

Ion Ratio Lower Upper

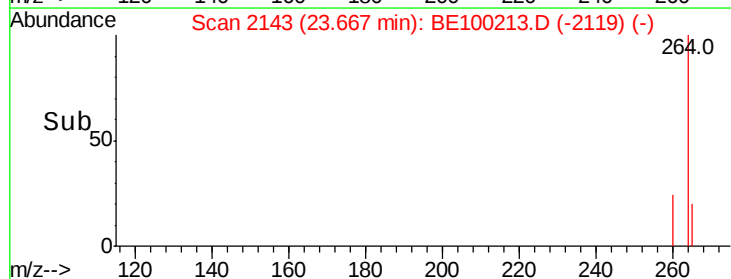
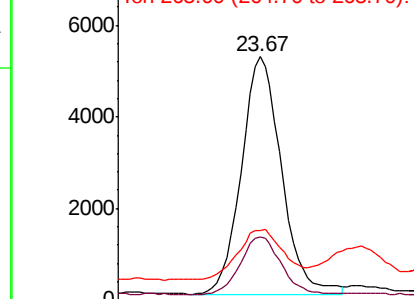
264 100

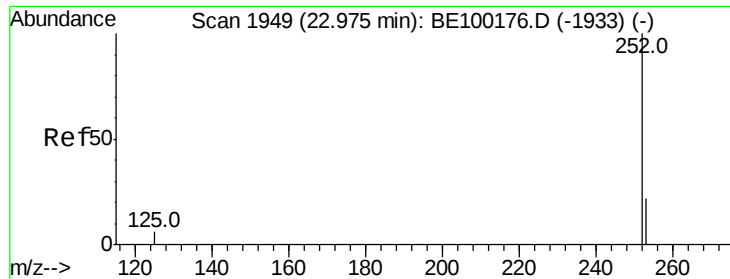
260 26.1 20.4 30.6

265 28.7 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

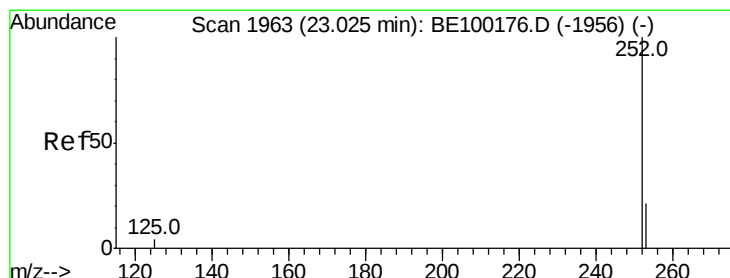
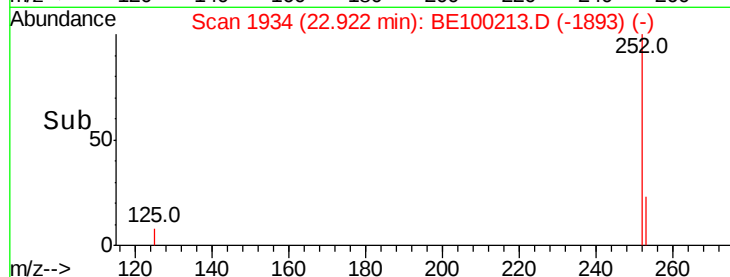
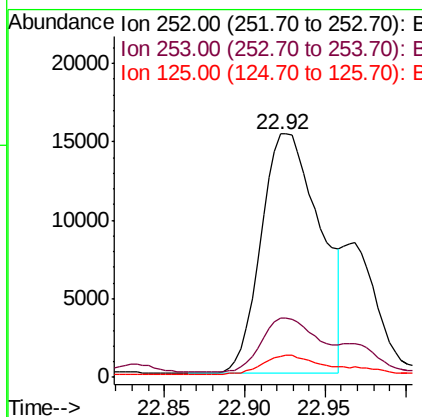
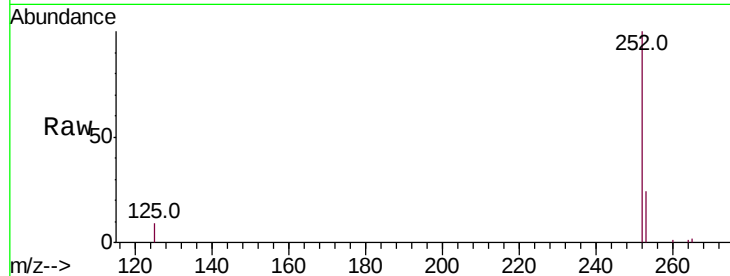




#35
Benzo(b)fluoranthene
Concen: 1.356 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

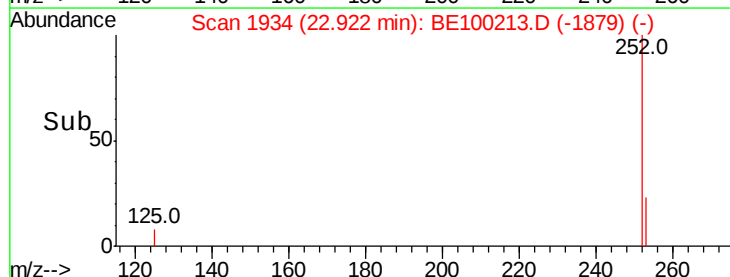
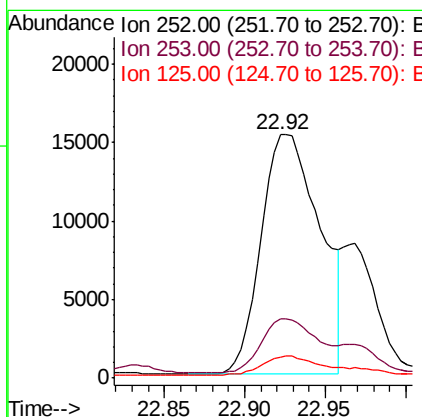
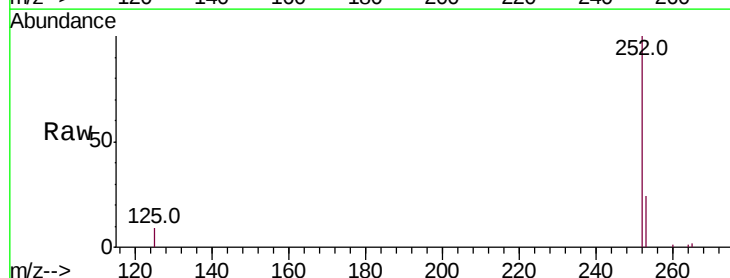
Instrument :
BNA_E
ClientSampleId :

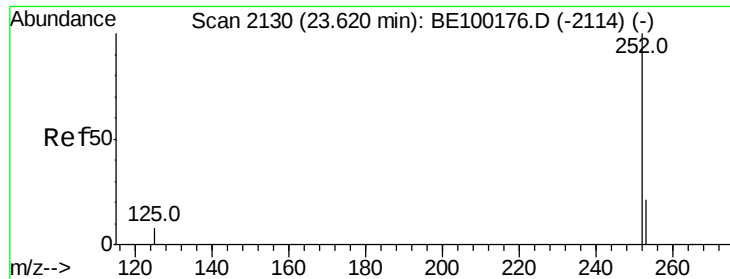
Tot Ion:252 Resp: 39058
Ion Ratio Lower Upper
252 100
253 24.1 19.0 28.4
125 8.8 6.3 9.5



#36
Benzo(k)fluoranthene
Concen: 1.133 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.10 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion:252 Resp: 39058
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 8.8 5.0 7.4#

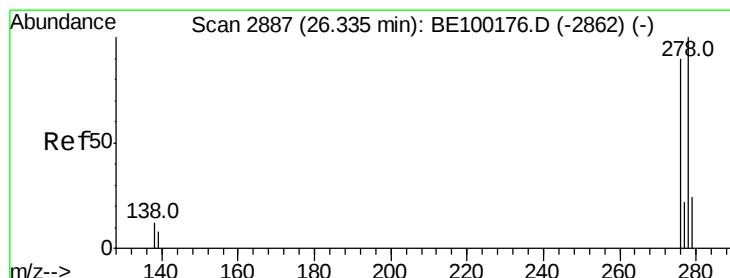
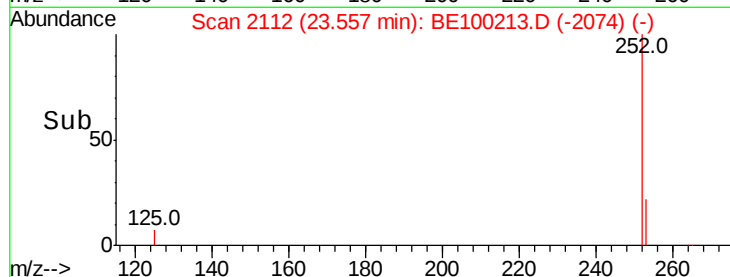
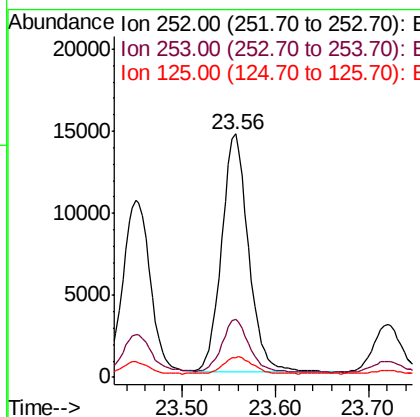
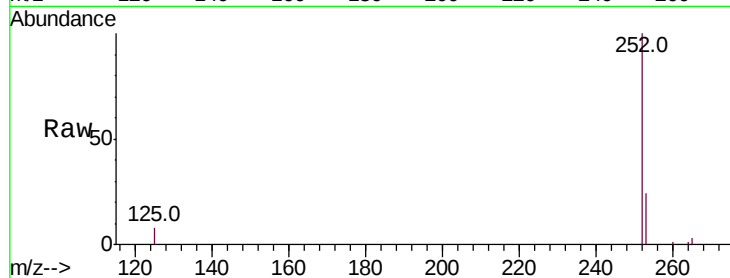




#37
Benzo(a)pyrene
Concen: 0.975 ng
RT: 23.56 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

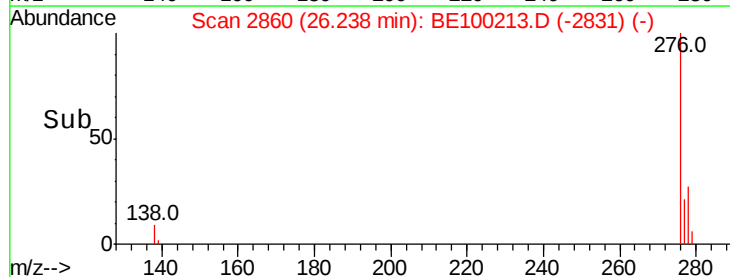
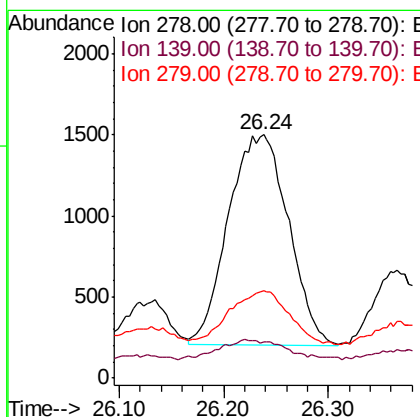
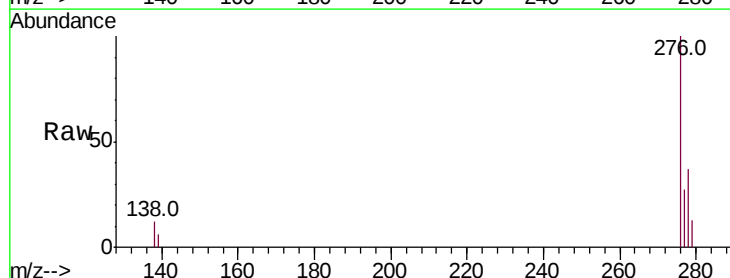
Instrument :
BNA_E
ClientSampleId :

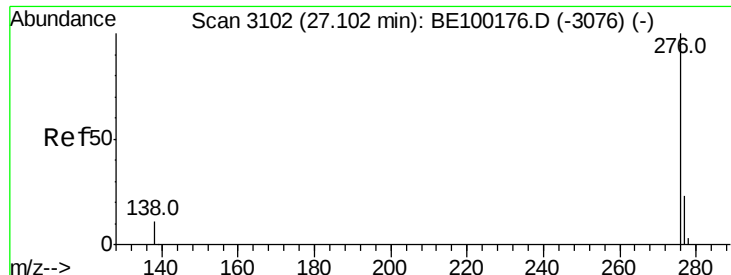
Tot Ion:252 Resp: 29098
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 8.3 8.2 12.2



#38
Dibenzo(a,h)anthracene
Concen: 0.162 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.10 min
Lab File: BE100213.D
Acq: 27 Jun 2019 20:16

Tgt Ion:278 Resp: 5180
Ion Ratio Lower Upper
278 100
139 15.0 9.0 13.4#
279 35.8 21.1 31.7#





#39

Benzo(a,h,i)perylene

Concen: 0.608 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.09 min

Lab File: BE100213.D

Acq: 27 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

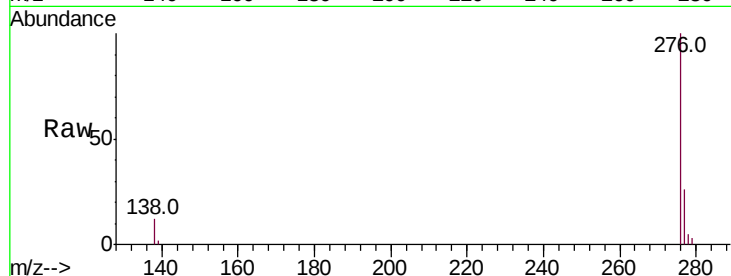
Tot Ion:276 Resp: 20279

Ion Ratio Lower Upper

276 100

277 26.3 19.8 29.6

138 12.0 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

