

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100177.D
 Acq On : 25 Jun 2019 11:49
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:03:29 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 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	464	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	1550	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	1088	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	3376	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4944	0.40	ng	0.00
34) Perylene-d12	23.73	264	6861	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	905	0.83	ng	0.00
5) Phenol-d6	6.85	99	1137	0.85	ng	-0.02
8) Nitrobenzene-d5	8.83	82	1280	0.88	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	2195	0.76	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	525	0.70	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	3763	0.90	ng	0.00
25) Fluoranthene-d10	19.13	212	36663	0.76	ng	0.00
29) Terphenyl-d14	19.73	244	7991	0.76	ng	0.00

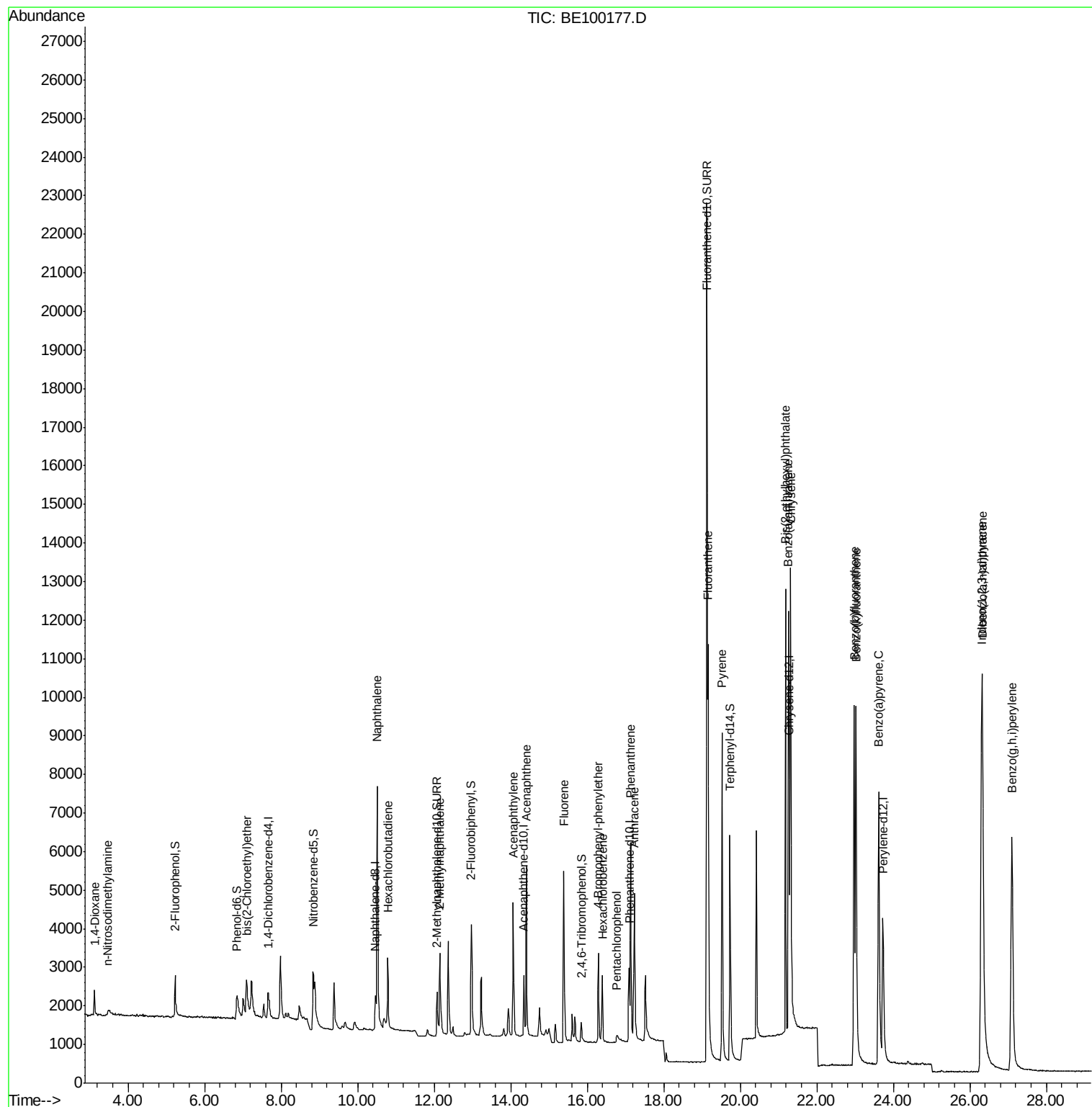
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	588	0.892	ng	99
3) n-Nitrosodimethylamine	3.48	42	214	0.787	ng	# 28
6) bis(2-Chloroethyl)ether	7.10	93	1034	0.827	ng	# 96
9) Naphthalene	10.51	128	13203	0.788	ng	# 97
10) Hexachlorobutadiene	10.78	225	1334	0.833	ng	98
12) 2-Methylnaphthalene	12.15	142	2070	0.746	ng	96
16) Acenaphthylene	14.07	152	4243	0.818	ng	99
17) Acenaphthene	14.41	154	2437	0.826	ng	98
18) Fluorene	15.39	166	3463	0.803	ng	97
20) 4-Bromophenyl-phenylether	16.29	248	1681	0.799	ng	# 94
21) Hexachlorobenzene	16.40	284	1770	0.797	ng	100
22) Pentachlorophenol	16.77	266	338	0.522	ng	94
23) Phenanthrene	17.13	178	6229	0.789	ng	100
24) Anthracene	17.23	178	5448	0.774	ng	97
26) Fluoranthene	19.16	202	9976	0.785	ng	99
28) Pyrene	19.52	202	9946	0.715	ng	100
30) Benzo(a)anthracene	21.26	228	11979	0.799	ng	97
31) Chrysene	21.32	228	12856	0.776	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	11952	0.482	ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	20734	1.088	ng	# 95
35) Benzo(b)fluoranthene	22.97	252	13775	0.786	ng	# 98
36) Benzo(k)fluoranthene	23.02	252	16983	0.798	ng	98
37) Benzo(a)pyrene	23.62	252	14685	0.806	ng	# 95
38) Dibenzo(a,h)anthracene	26.33	278	16428	0.897	ng	96
39) Benzo(g,h,i)perylene	27.10	276	17099	0.892	ng	99

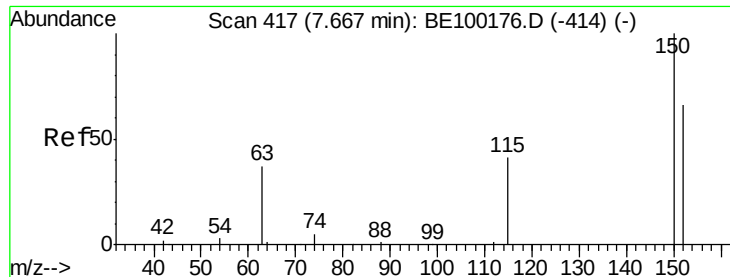
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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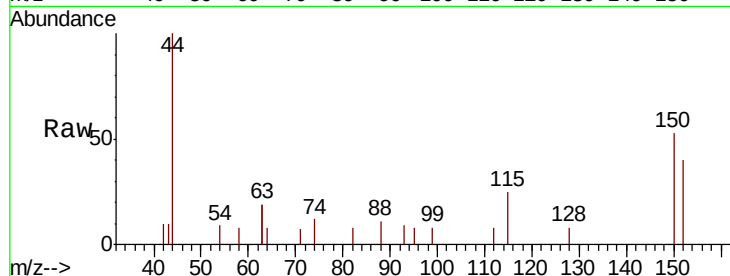


#1

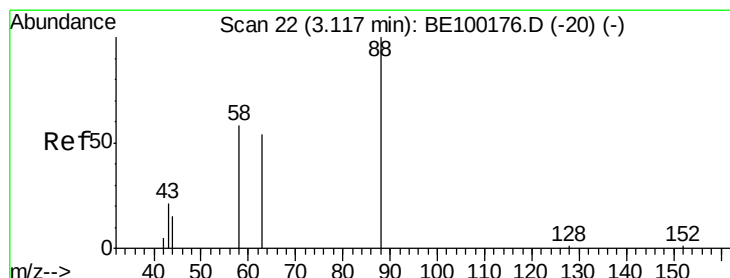
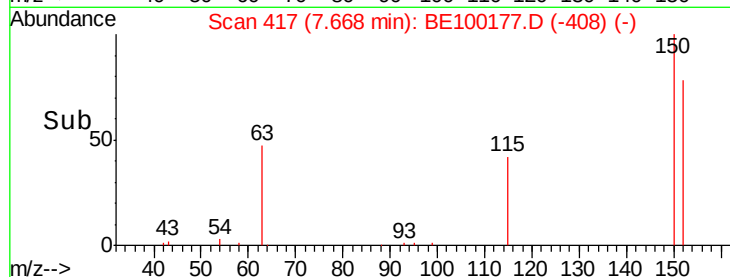
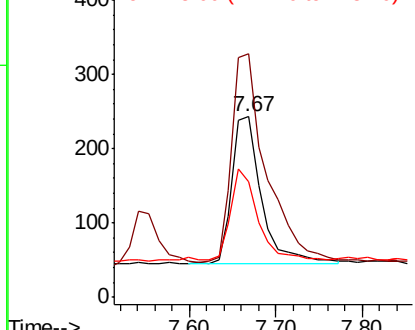
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 464
Ion Ratio Lower Upper
152 100
150 135.0 113.4 170.2
115 64.2 55.8 83.6



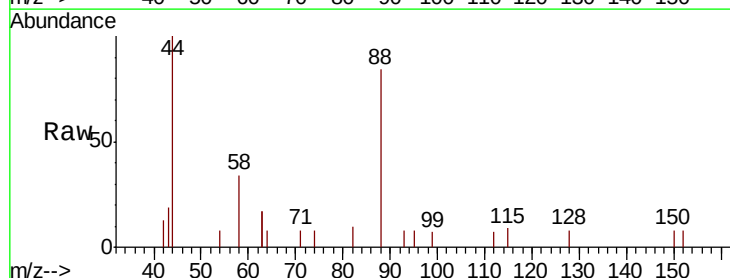
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



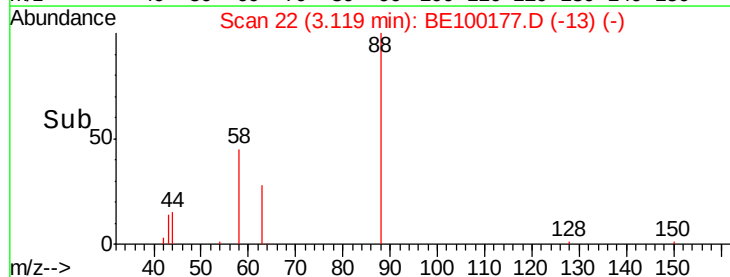
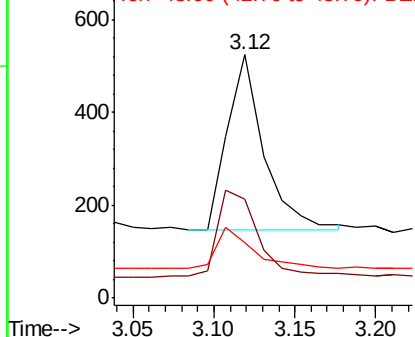
#2

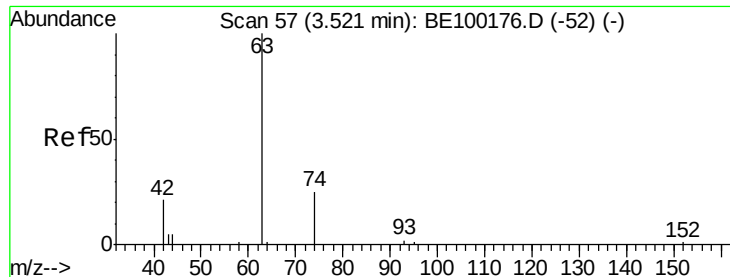
1,4-Dioxane
Concen: 0.892 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion: 88 Resp: 588
Ion Ratio Lower Upper
88 100
58 55.1 43.8 65.6
43 22.8 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



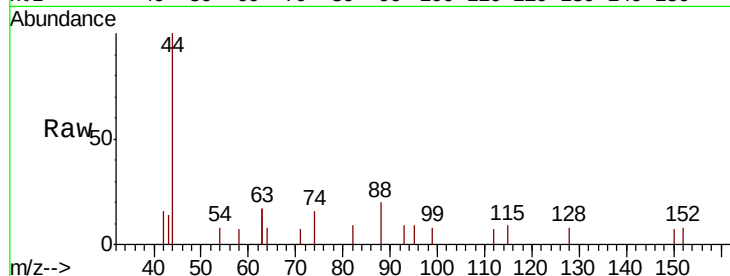


#3

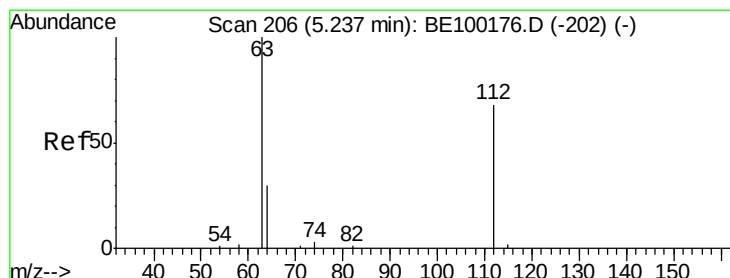
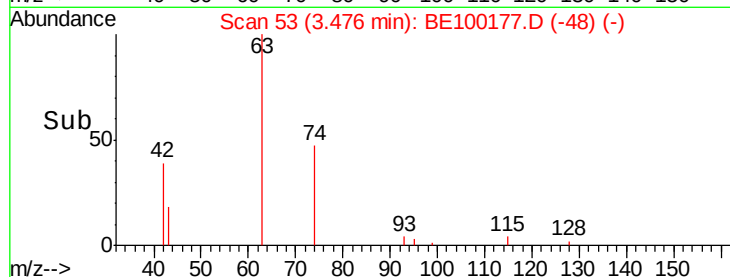
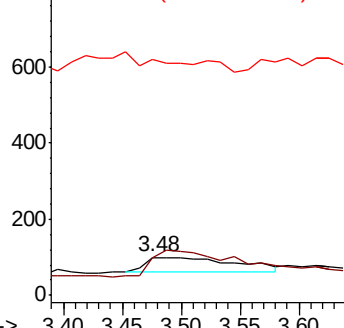
n-Nitrosodimethylamine
 Concen: 0.787 ng
 RT: 3.48 min Scan# 53
 Delta R.T. -0.04 min
 Lab File: BE100177.D
 Acq: 25 Jun 2019 11:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	162.6	193.2	289.8#
44	0.0	114.5	171.7#



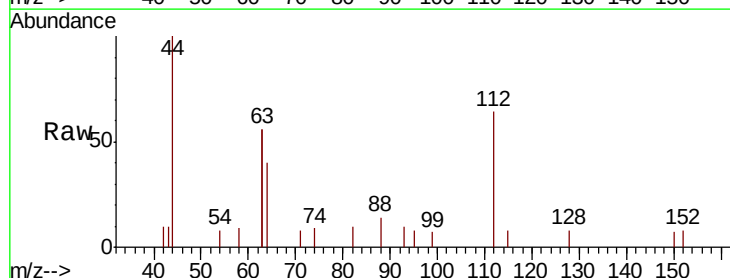
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



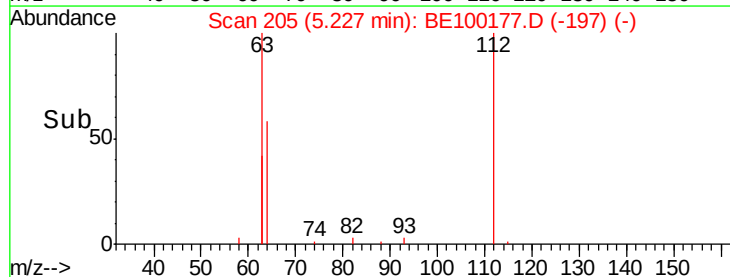
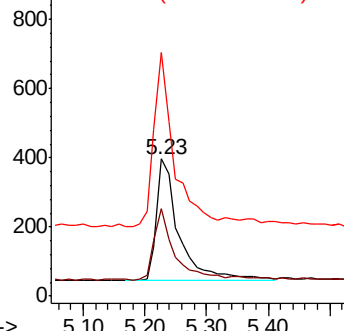
#4

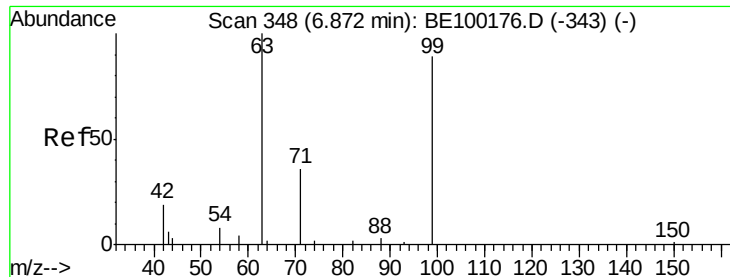
2-Fluorophenol
 Concen: 0.829 ng
 RT: 5.23 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: BE100177.D
 Acq: 25 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	40.7	61.1
63	124.8	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: 0.848 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.02 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

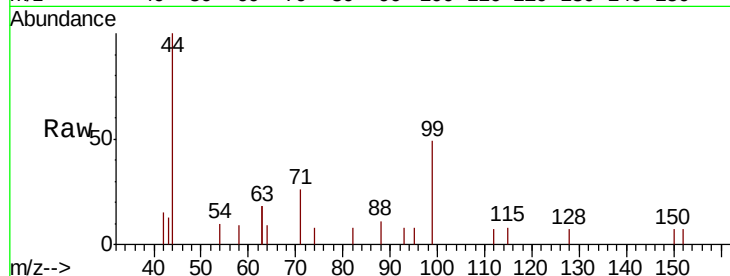
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1137

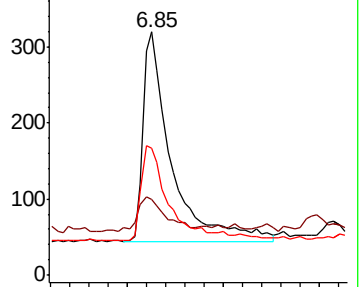
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.4	15.6
71	42.9	32.4	48.6



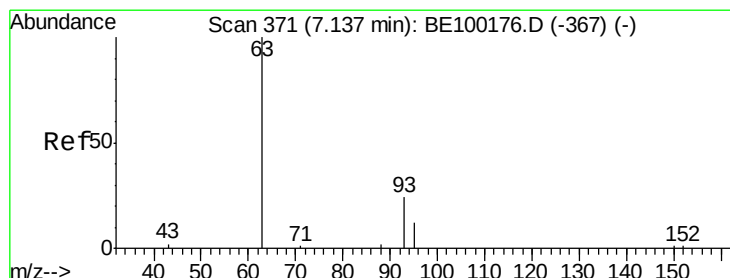
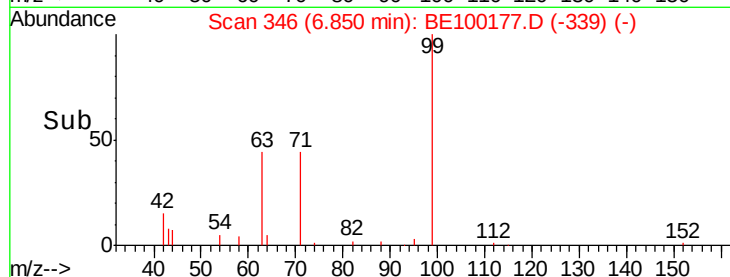
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.827 ng

RT: 7.10 min Scan# 368

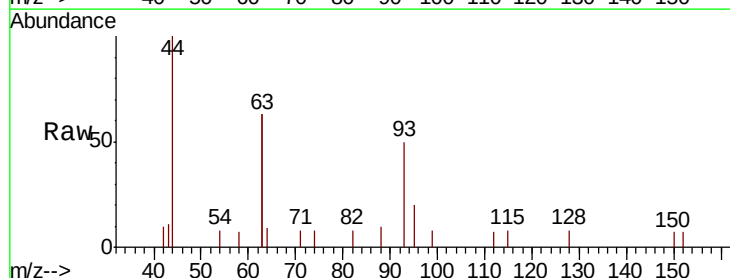
Delta R.T. -0.03 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Tgt Ion: 93 Resp: 1034

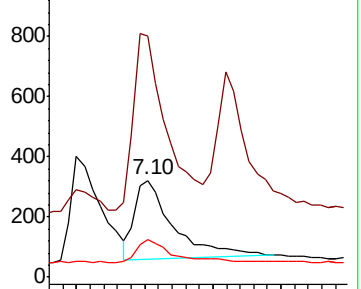
Ion	Ratio	Lower	Upper
93	100		
63	190.8	0.0	0.0#
95	28.1	21.0	31.6



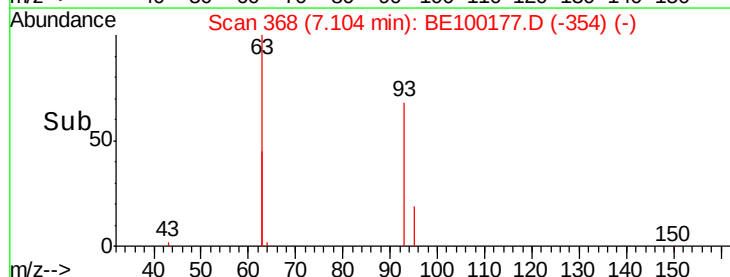
Abundance Ion 93.00 (92.70 to 93.70): BE1

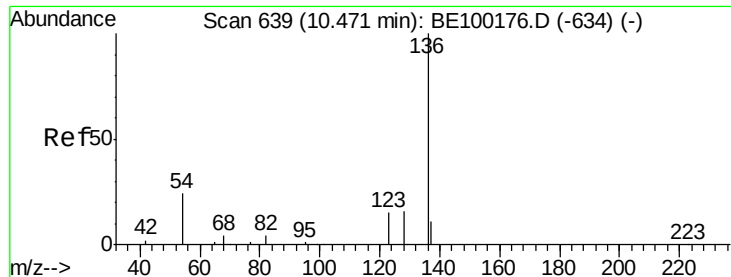
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1550

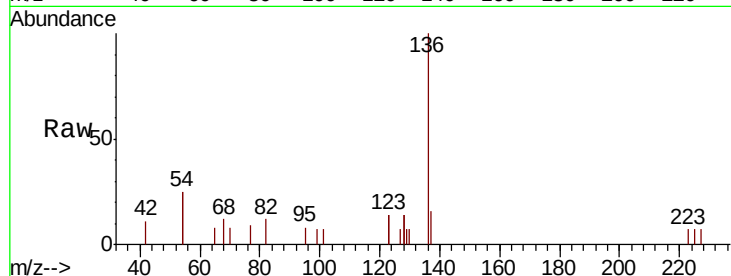
Ion Ratio Lower Upper

136 100

137 16.5 13.8 20.8

54 50.9 35.4 53.2

68 11.7 8.8 13.2

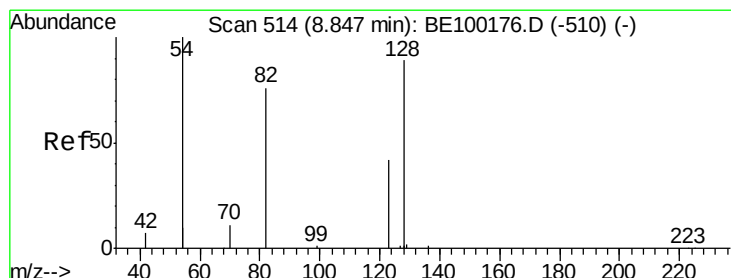
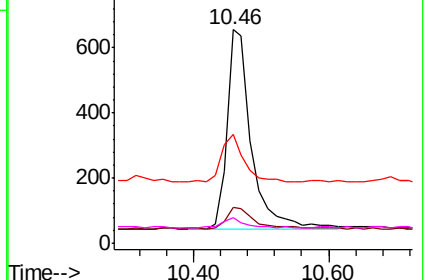
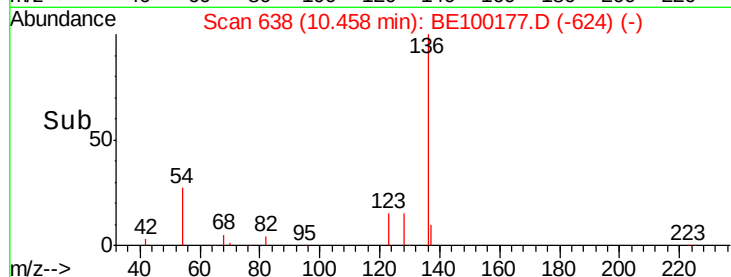


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.875 ng

RT: 8.83 min Scan# 513

Delta R.T. -0.01 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

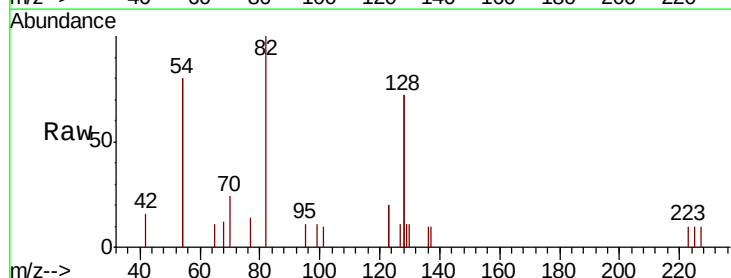
Tgt Ion: 82 Resp: 1280

Ion Ratio Lower Upper

82 100

128 143.3 144.6 217.0#

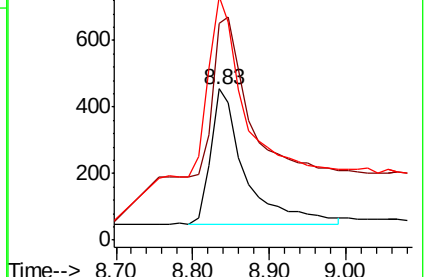
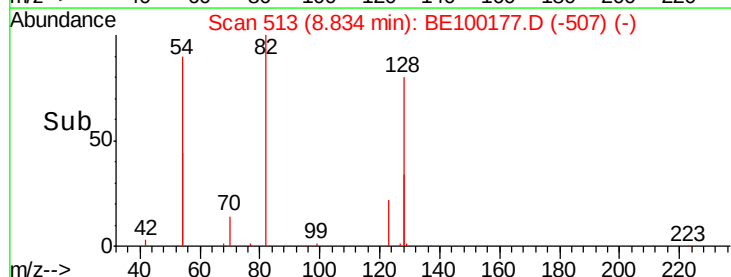
54 160.9 163.0 244.6#

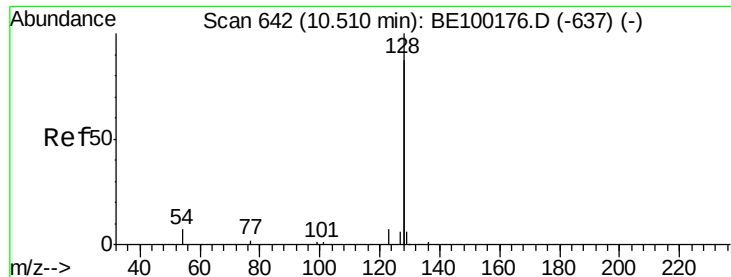


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.788 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

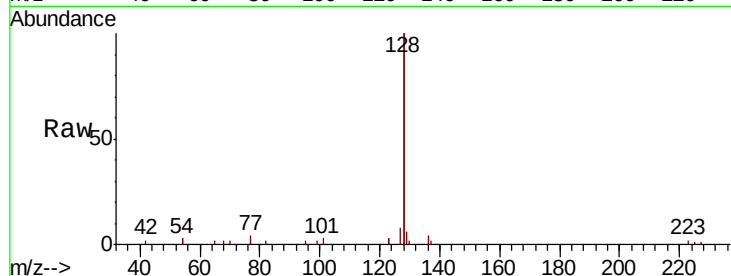
Tot Ion:128 Resp: 13203

Ion Ratio Lower Upper

128 100

129 3.2 3.6 5.4#

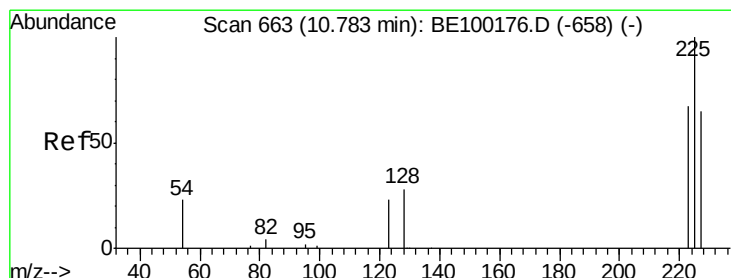
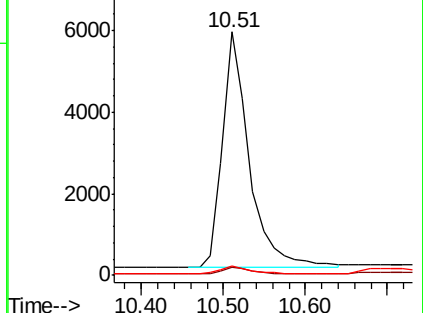
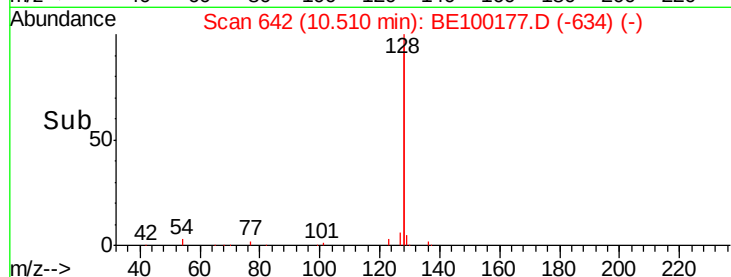
127 3.8 3.8 5.8#



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



#10

Hexachlorobutadiene

Concen: 0.833 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

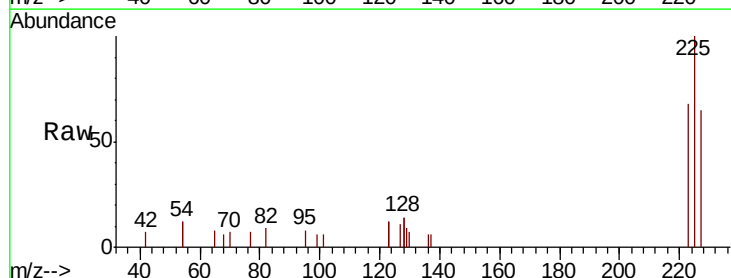
Tgt Ion:225 Resp: 1334

Ion Ratio Lower Upper

225 100

223 63.9 50.1 75.1

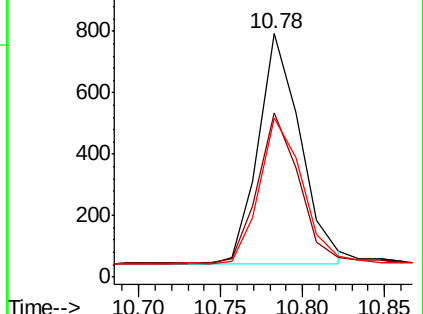
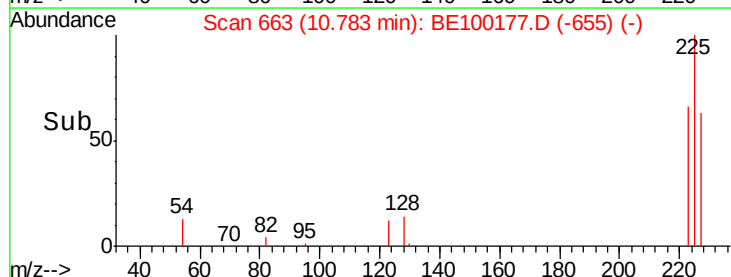
227 64.8 50.9 76.3

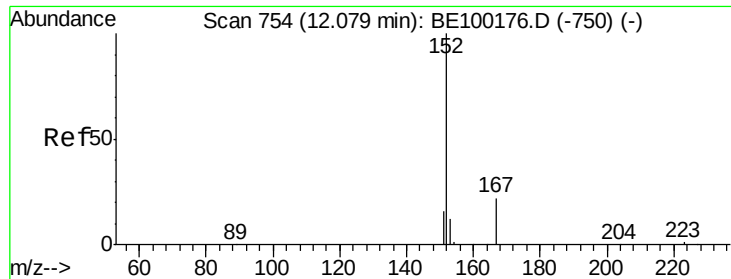


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

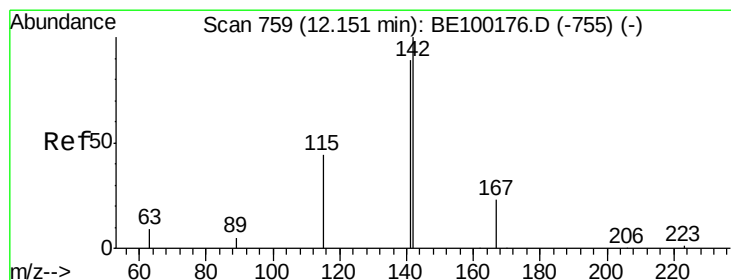
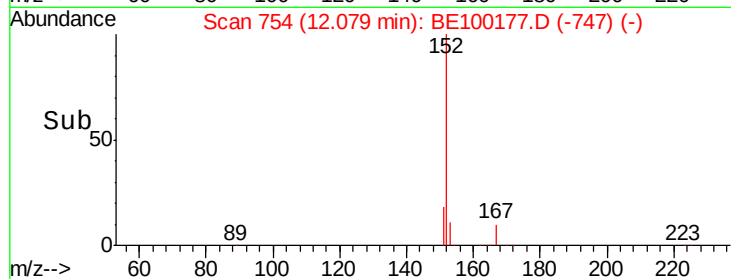
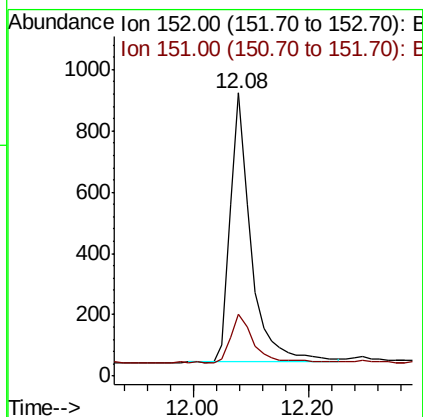
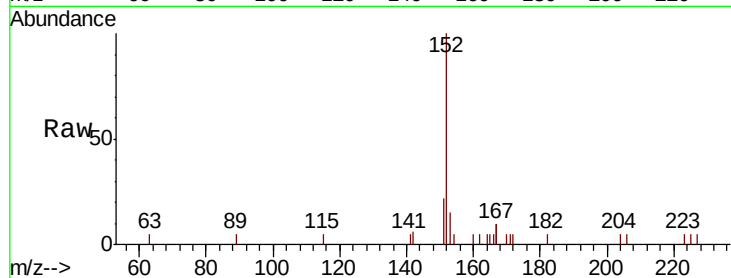




#11
2-Methylnaphthalene-d10
Concen: 0.758 ng
RT: 12.08 min Scan# 754
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

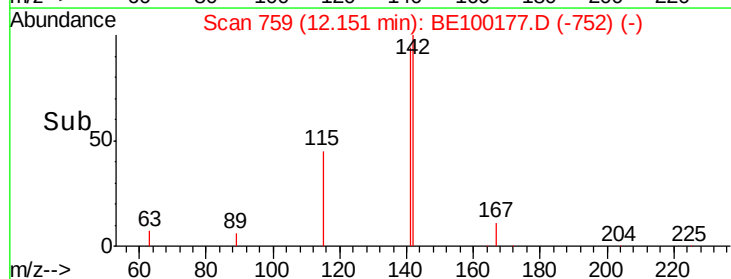
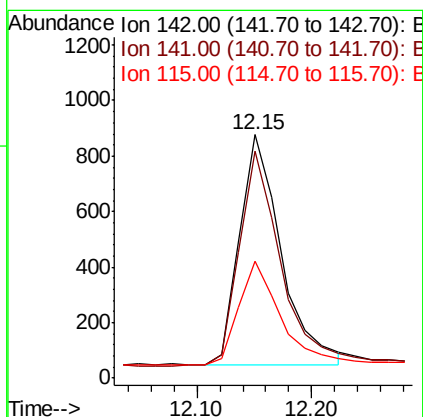
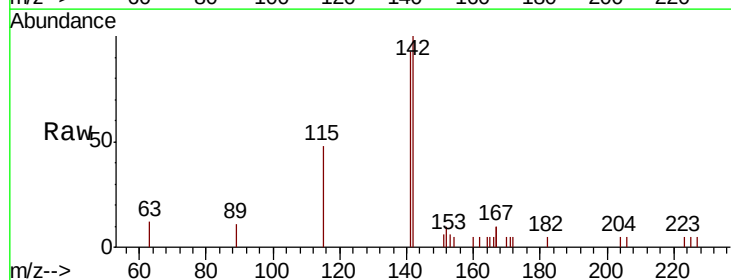
Instrument :
BNA_E
ClientSampled :

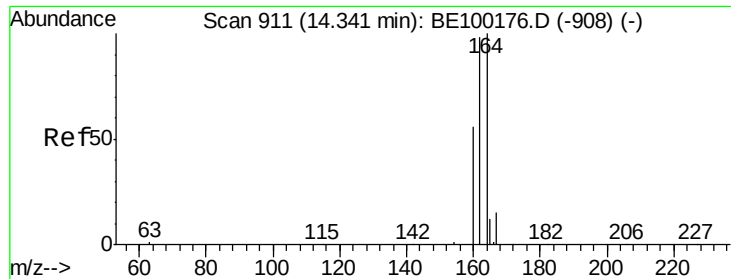
Tot Ion:152 Resp: 2195
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.746 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion:142 Resp: 2070
Ion Ratio Lower Upper
142 100
141 93.2 71.8 107.8
115 48.0 40.4 60.6

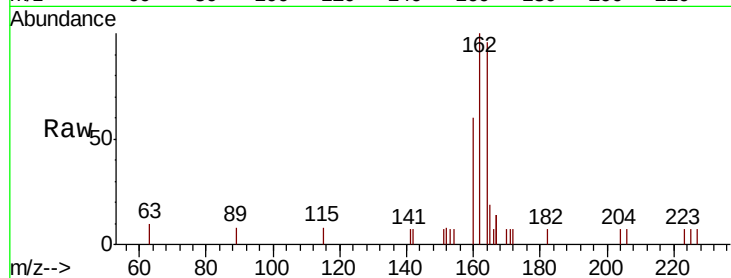




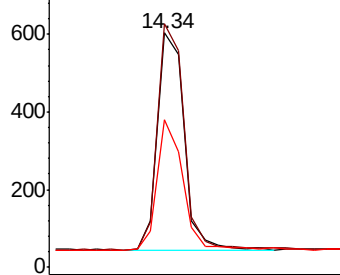
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Instrument :
BNA_E
ClientSampleId :

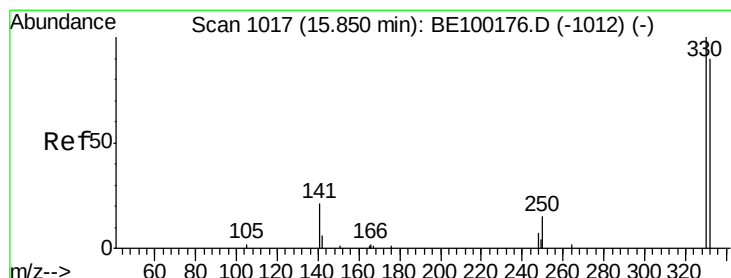
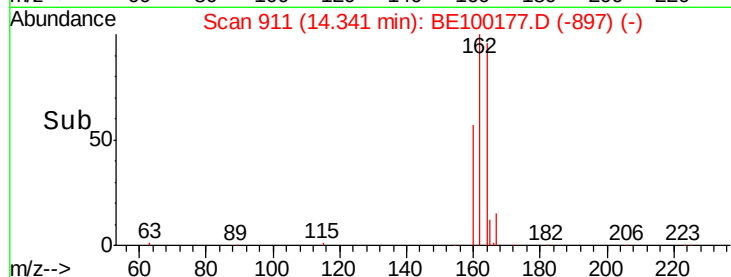
Tot Ion:164 Resp: 1088
Ion Ratio Lower Upper
164 100
162 104.0 78.6 118.0
160 62.9 46.9 70.3



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

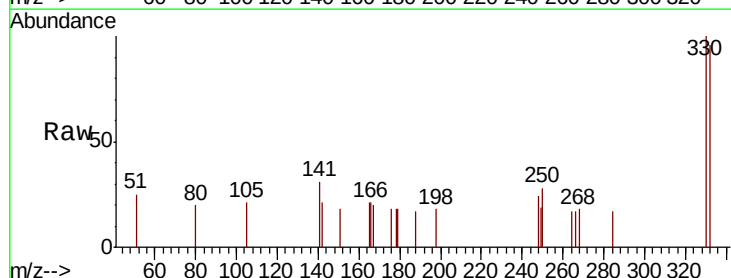


Time-->

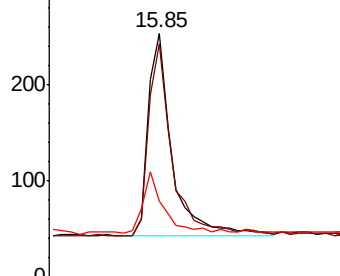


#14
2,4,6-Tribromophenol
Concen: 0.704 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

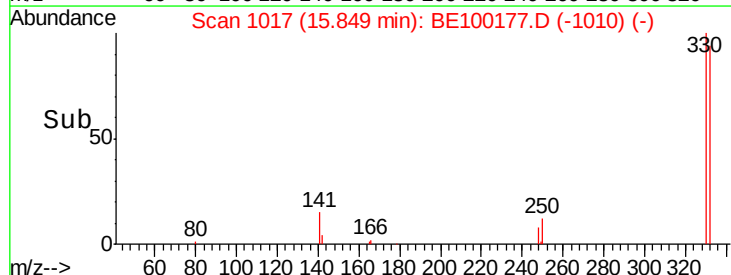
Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 27.2 18.9 28.3

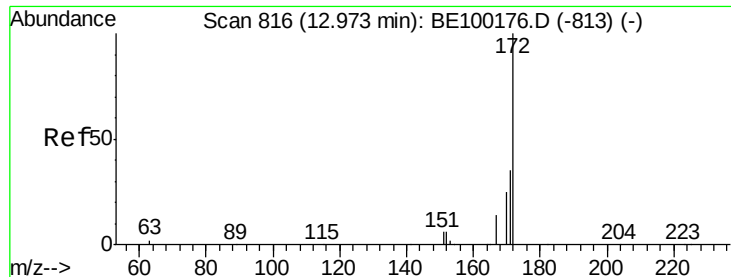


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

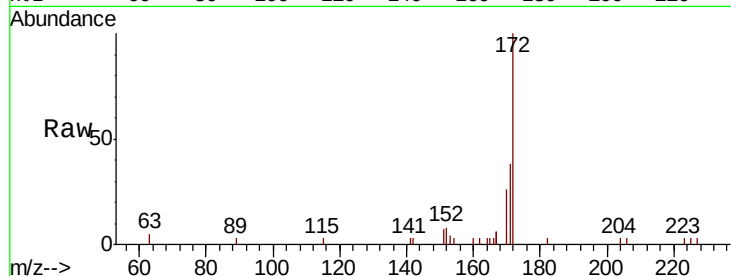




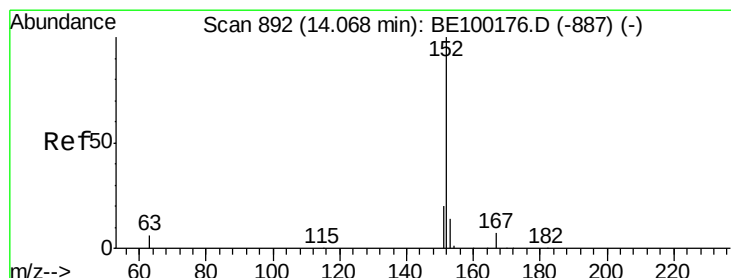
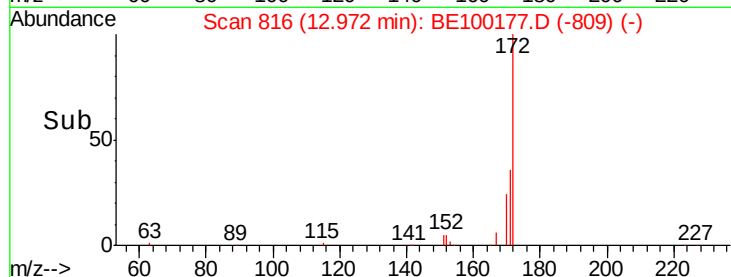
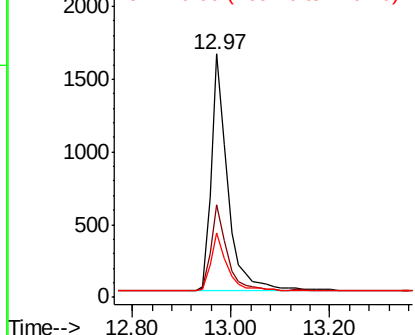
#15
2-Fluorobiphenyl
Concen: 0.899 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3763
Ion Ratio Lower Upper
172 100
171 38.2 31.0 46.4
170 26.5 23.9 35.9

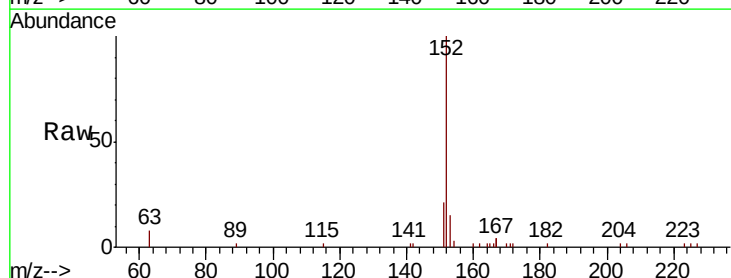


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

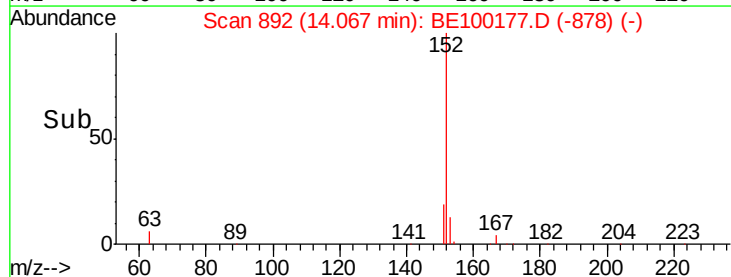
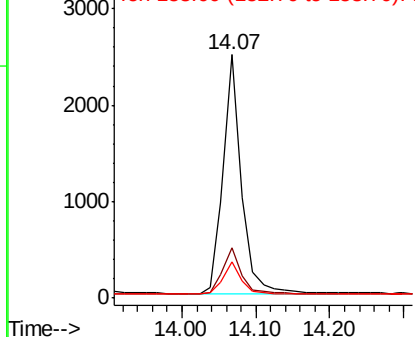


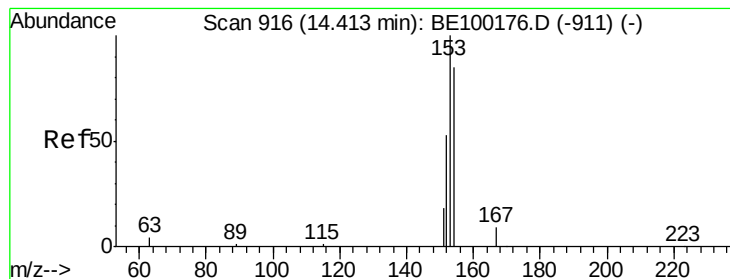
#16
Acenaphthylene
Concen: 0.818 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion:152 Resp: 4243
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.0 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: 0.826 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

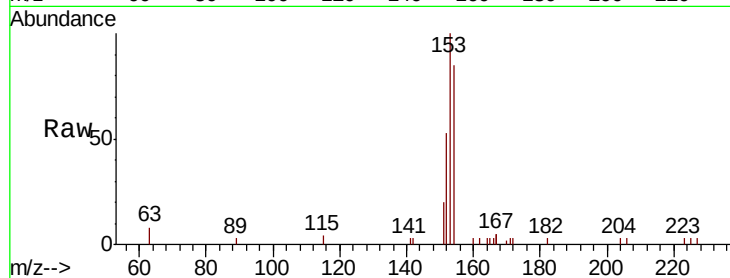
Tot Ion:154 Resp: 2437

Ion Ratio Lower Upper

154 100

153 120.4 95.3 142.9

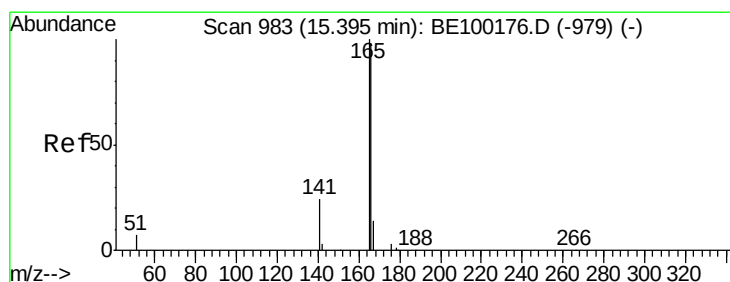
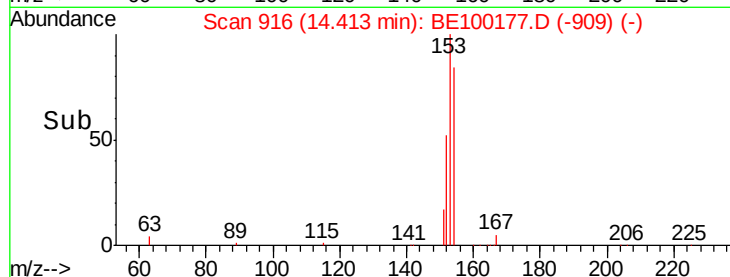
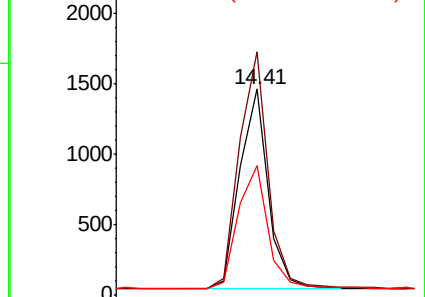
152 63.9 52.9 79.3



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



#18

Fluorene

Concen: 0.803 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

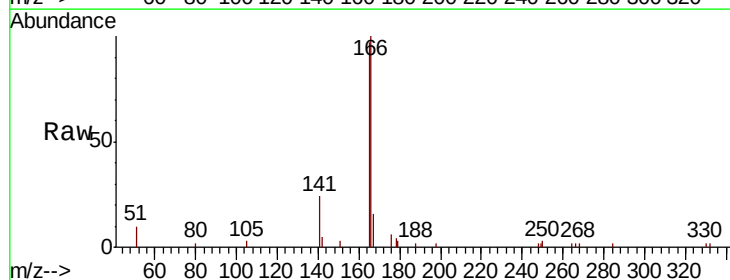
Tgt Ion:166 Resp: 3463

Ion Ratio Lower Upper

166 100

165 103.8 81.0 121.4

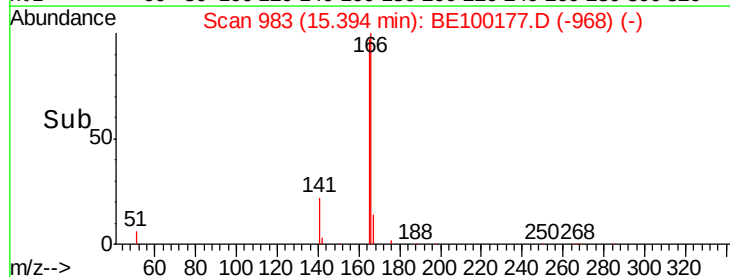
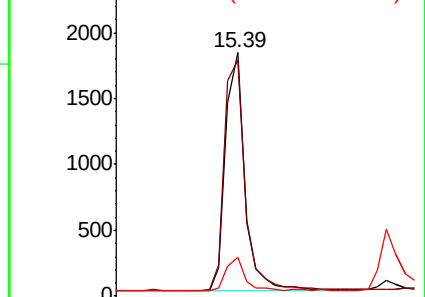
167 12.9 11.4 17.0

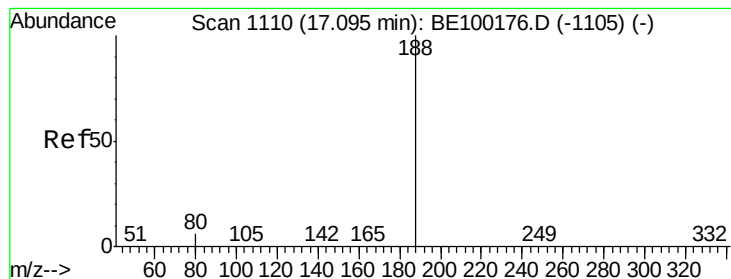


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

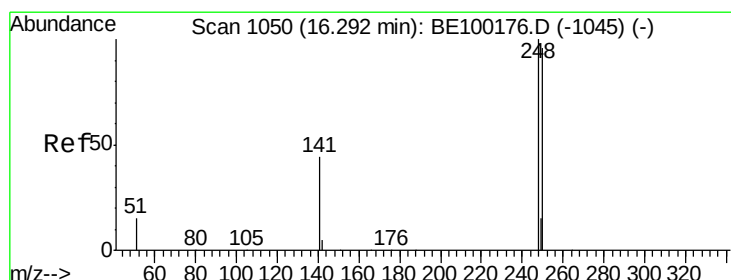
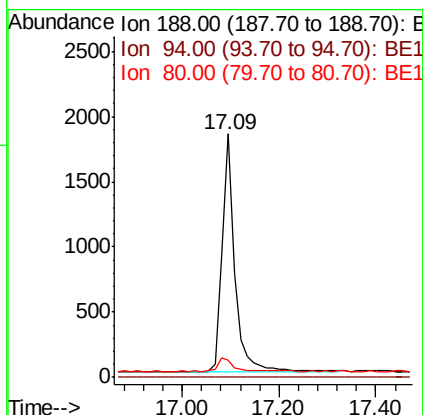
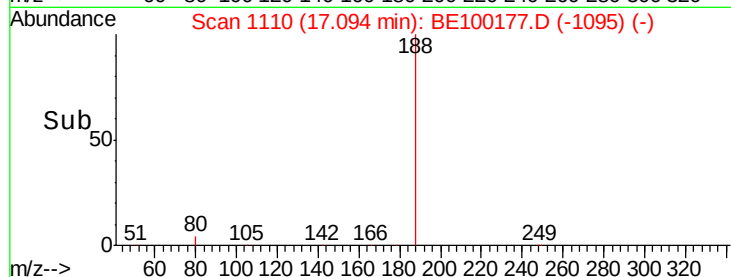
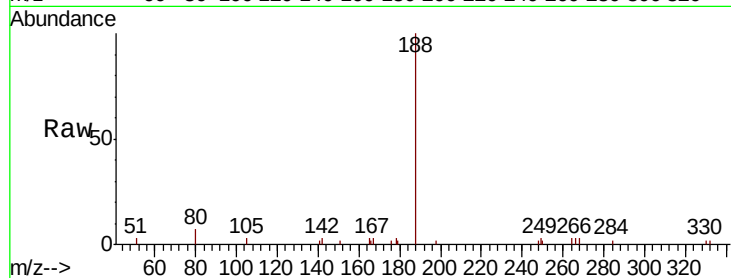
Tot Ion:188 Resp: 3376

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.799 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

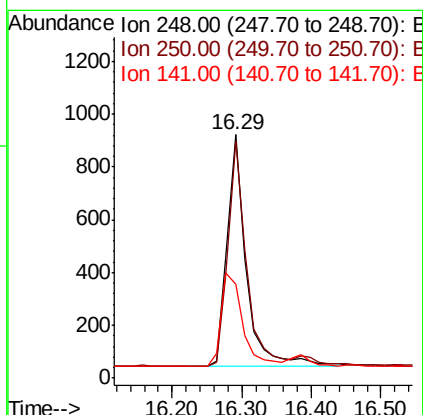
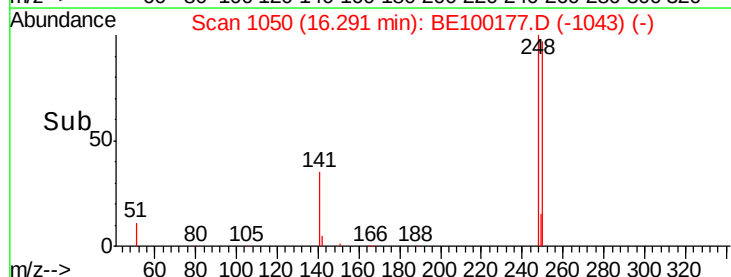
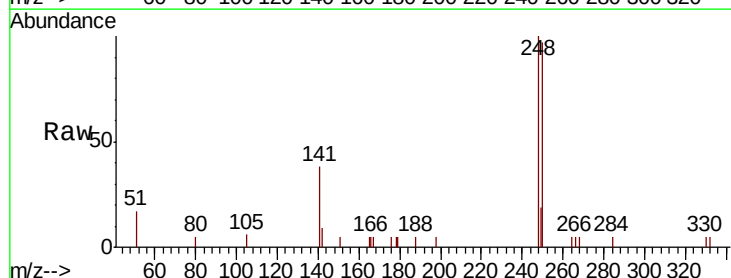
Tgt Ion:248 Resp: 1681

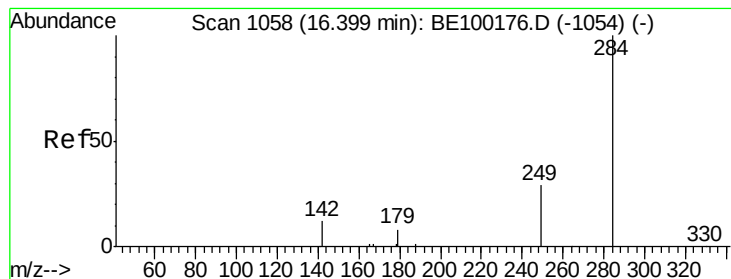
Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

141 38.4 39.5 59.3#





#21

Hexachlorobenzene

Concen: 0.797 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

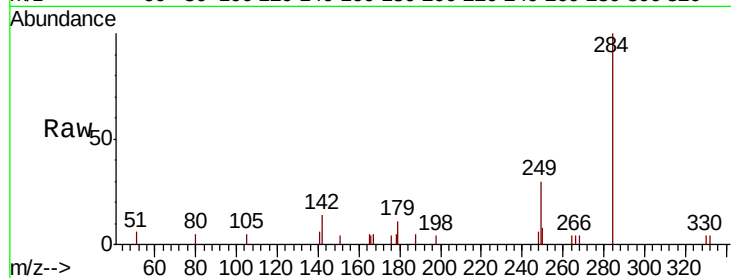
Tot Ion:284 Resp: 1770

Ion Ratio Lower Upper

284 100

142 25.1 20.1 30.1

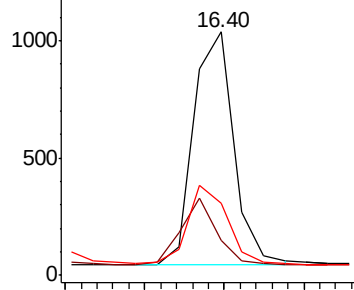
249 32.6 26.2 39.4



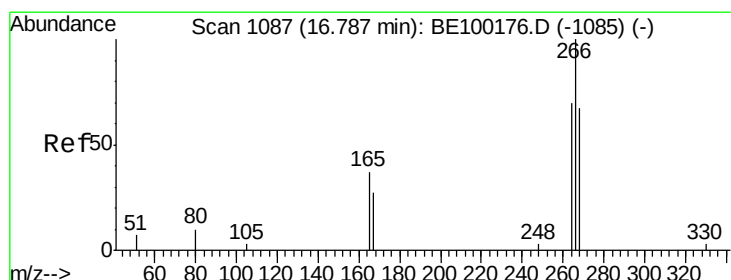
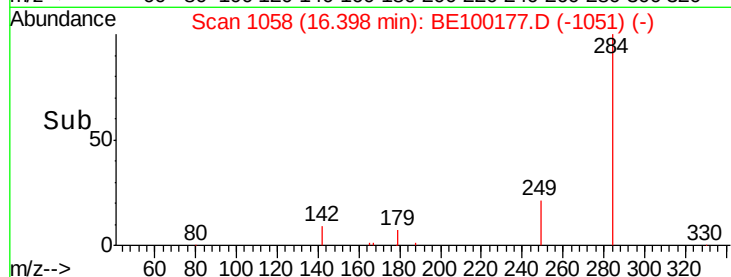
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.30 16.35 16.40 16.45



#22

Pentachlorophenol

Concen: 0.522 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

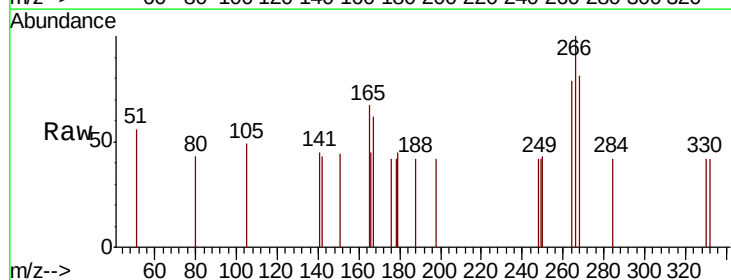
Tgt Ion:266 Resp: 338

Ion Ratio Lower Upper

266 100

264 79.2 67.7 101.5

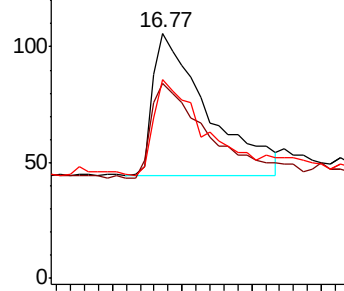
268 81.1 69.8 104.6



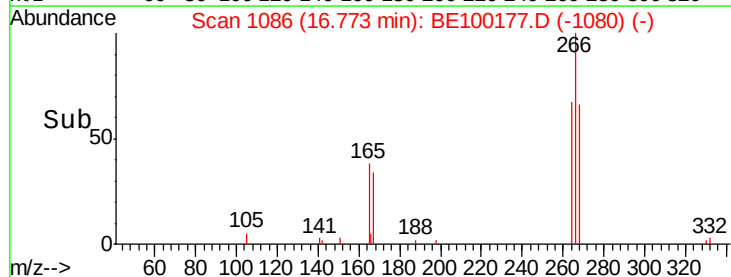
Abundance Ion 266.00 (265.70 to 266.70): E

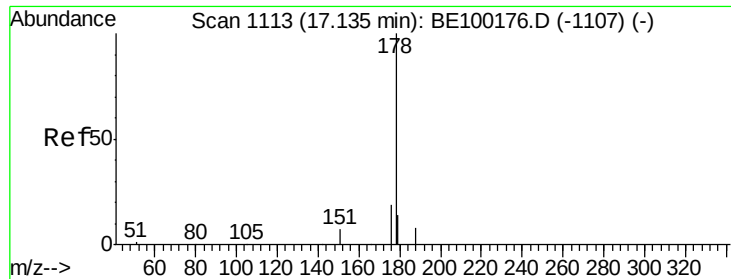
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.70 16.80 16.90 17.00

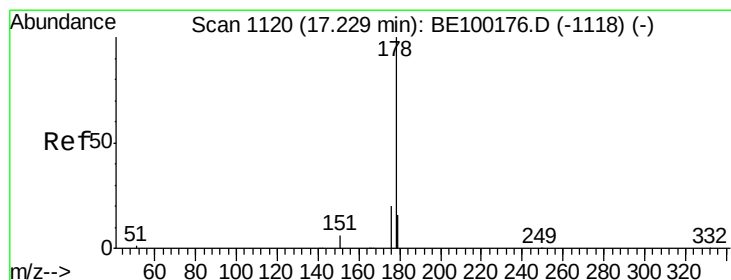
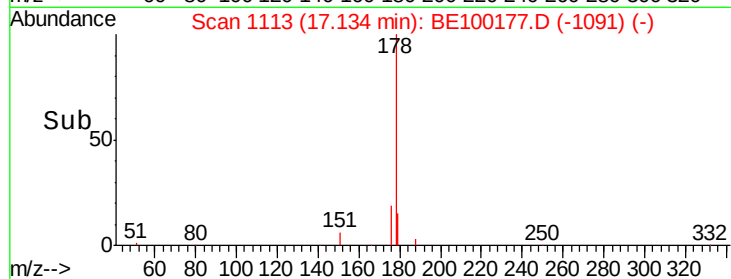
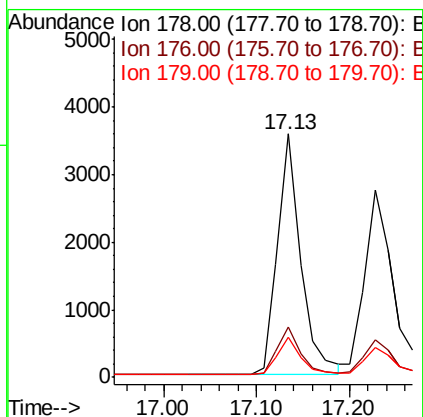
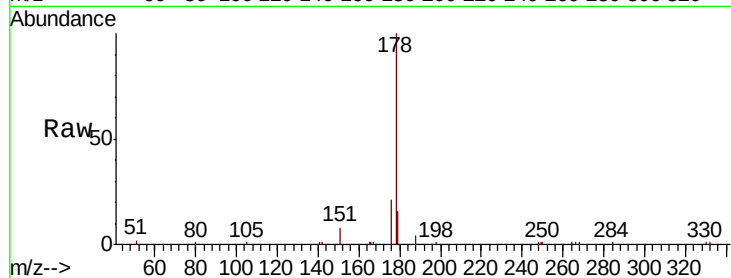




#23
Phenanthrene
Concen: 0.789 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

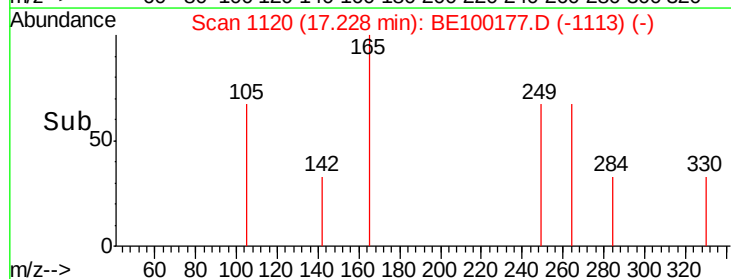
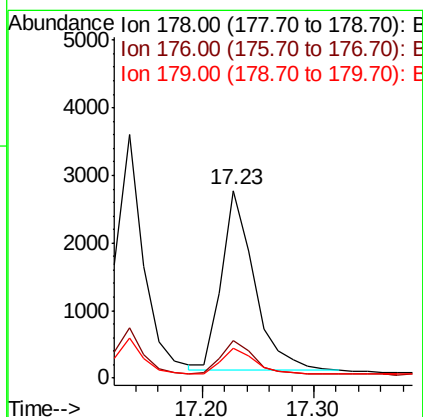
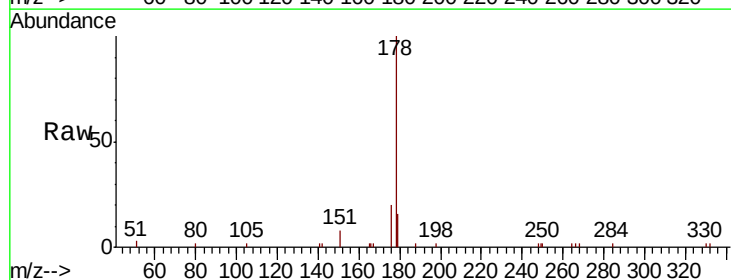
Instrument :
BNA_E
ClientSampleId :

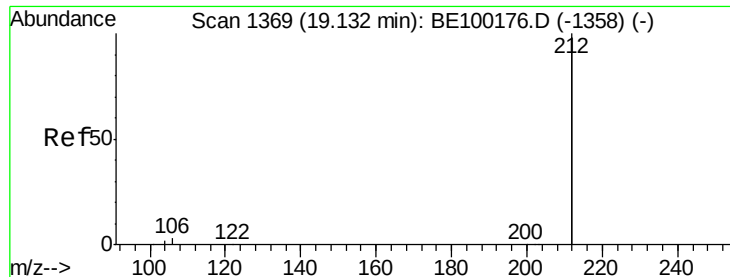
Tot Ion:178 Resp: 6229
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.2 12.2 18.2



#24
Anthracene
Concen: 0.774 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion:178 Resp: 5448
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 14.8 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.761 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

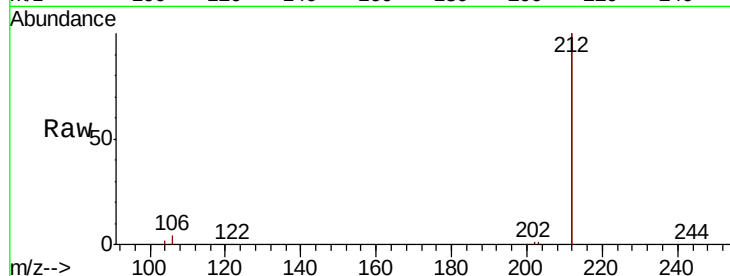
Tot Ion:212 Resp: 36663

Ion Ratio Lower Upper

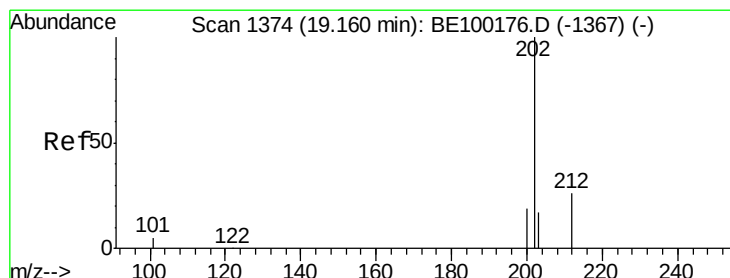
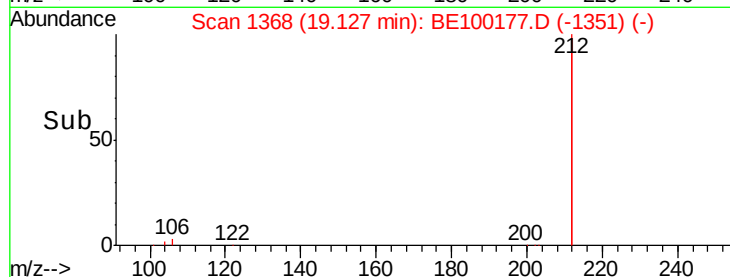
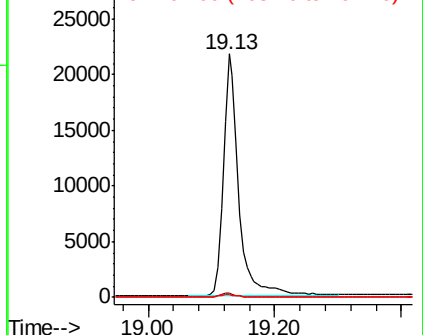
212 100

106 1.6 1.3 1.9

104 0.9 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: 0.785 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

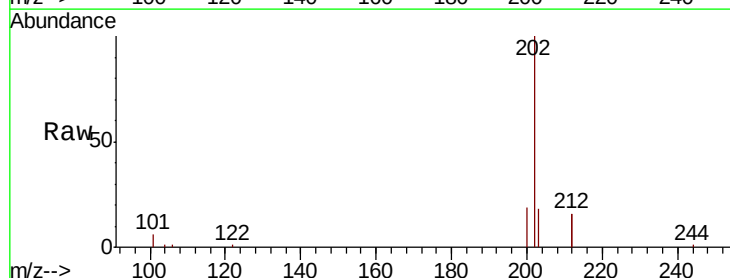
Tgt Ion:202 Resp: 9976

Ion Ratio Lower Upper

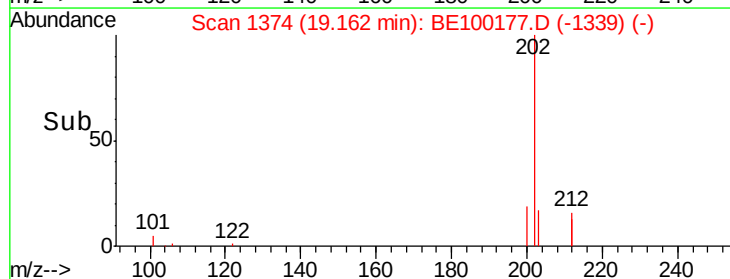
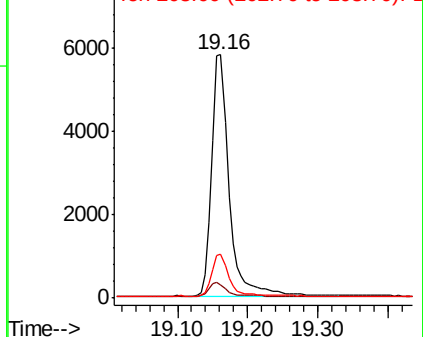
202 100

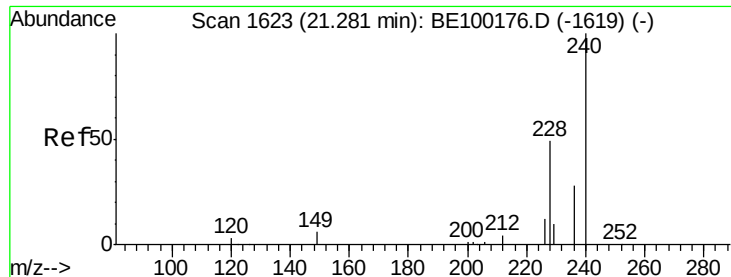
101 5.7 4.5 6.7

203 16.8 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

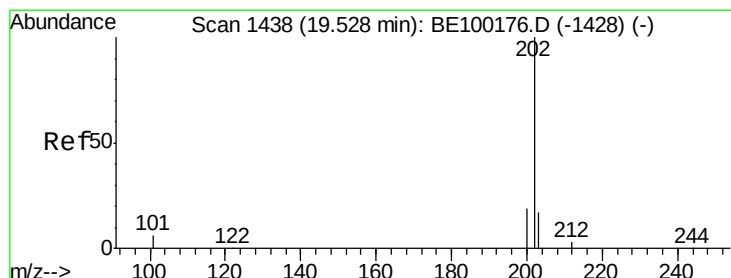
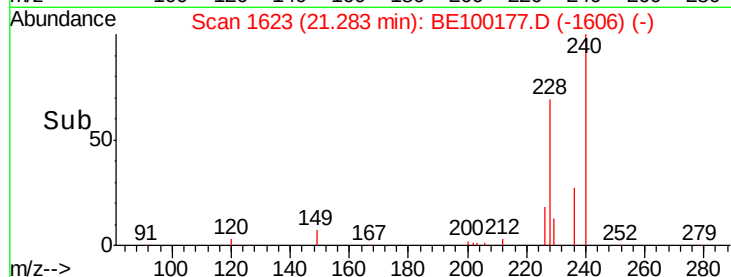
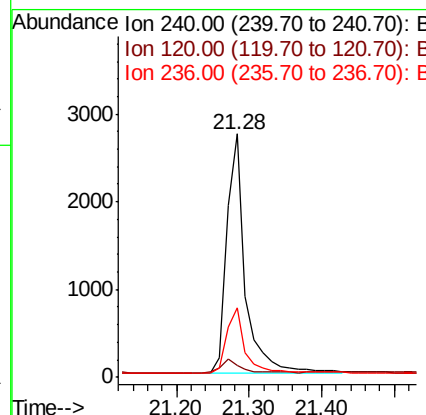
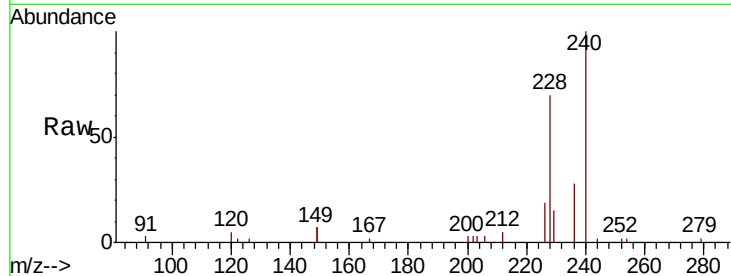




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

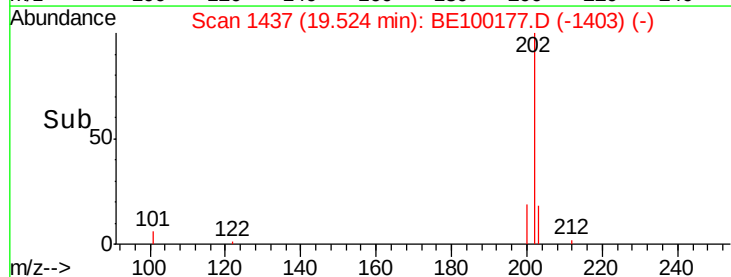
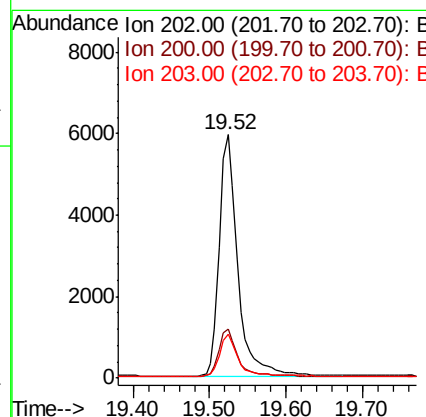
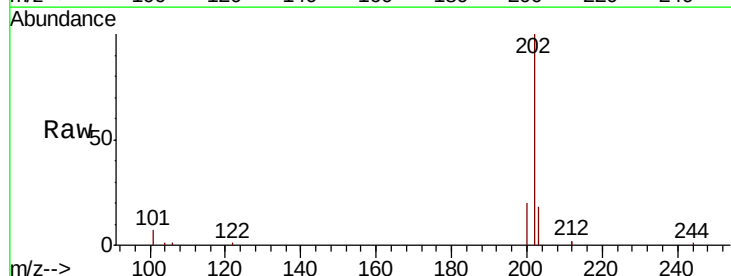
Instrument :
BNA_E
ClientSampleId :

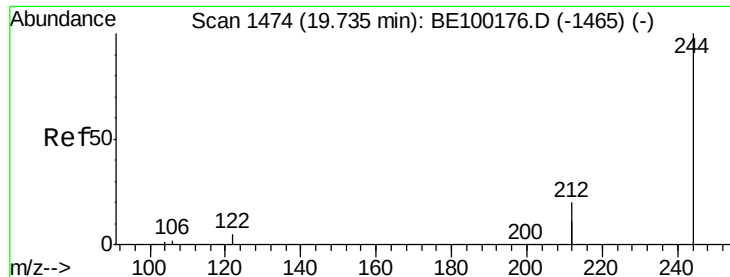
Tot Ion:240 Resp: 4944
Ion Ratio Lower Upper
240 100
120 4.8 4.1 6.1
236 28.3 23.0 34.6



#28
Pyrene
Concen: 0.715 ng
RT: 19.52 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion:202 Resp: 9946
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.1 13.9 20.9





#29

Terphenyl-d14

Concen: 0.756 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

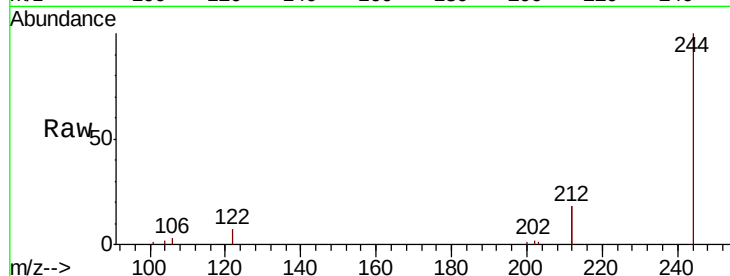
Tot Ion:244 Resp: 7991

Ion Ratio Lower Upper

244 100

212 35.2 30.7 46.1

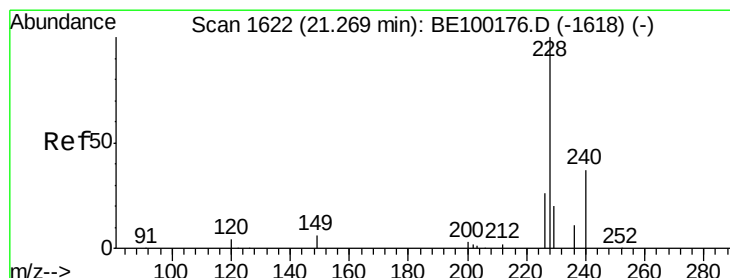
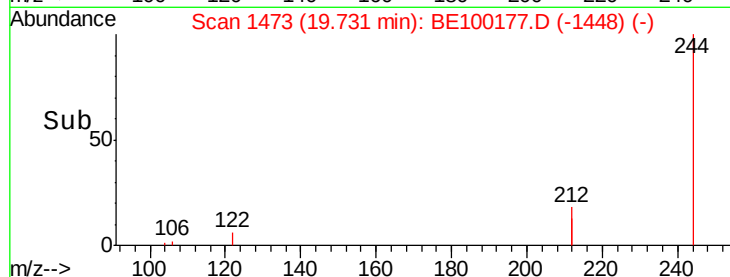
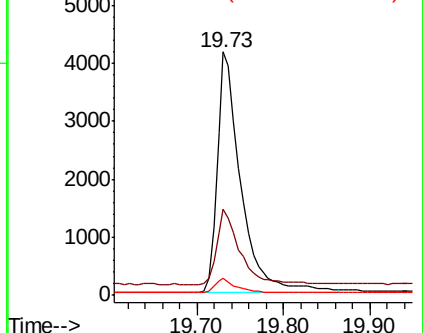
122 7.1 5.8 8.6



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: 0.799 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

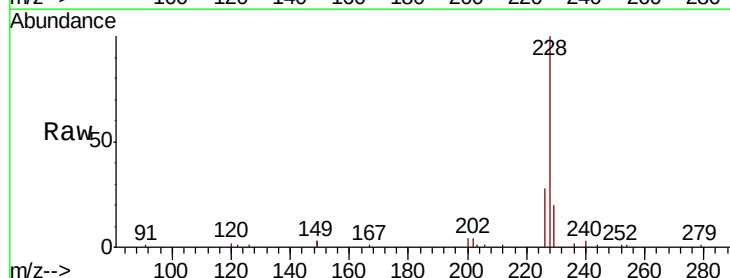
Tgt Ion:228 Resp: 11979

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

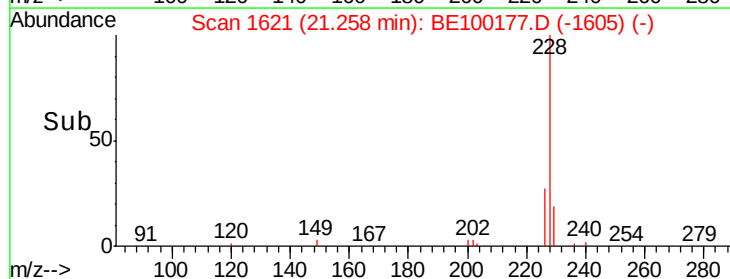
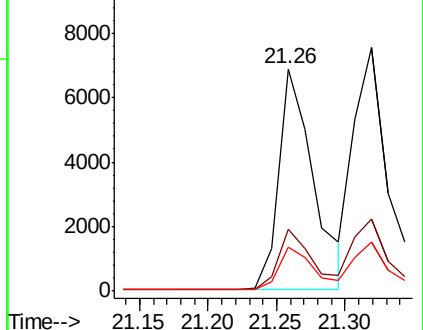
229 19.6 17.2 25.8

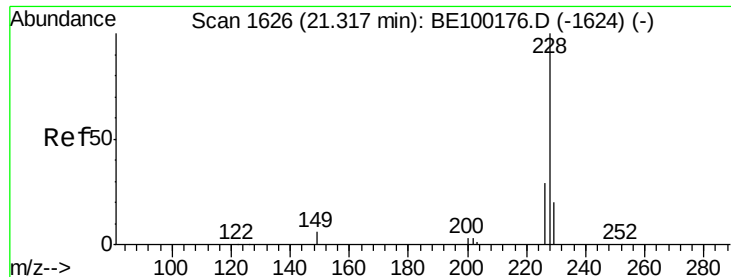


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.776 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

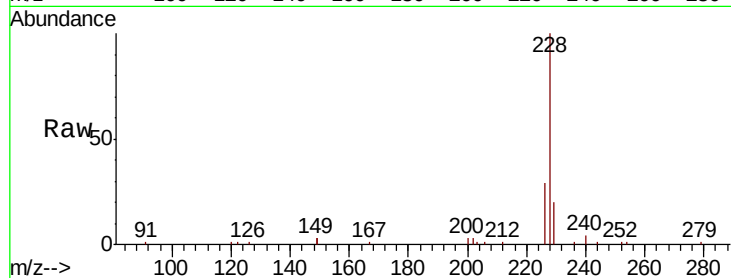
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 12856

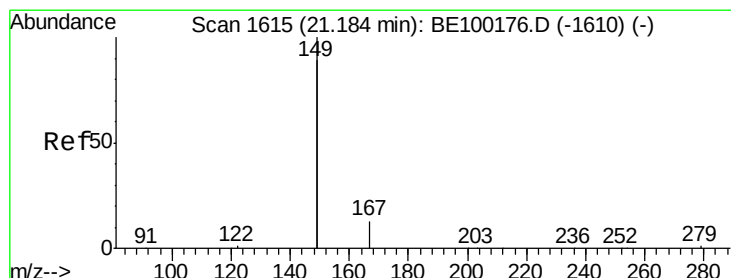
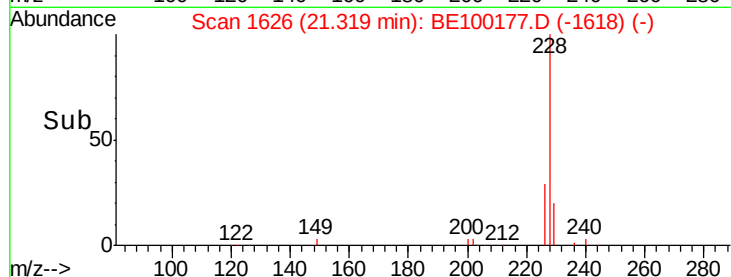
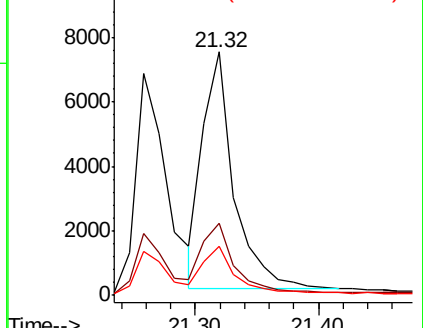
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	20.2	16.5	24.7



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: 0.482 ng

RT: 21.19 min Scan# 1615

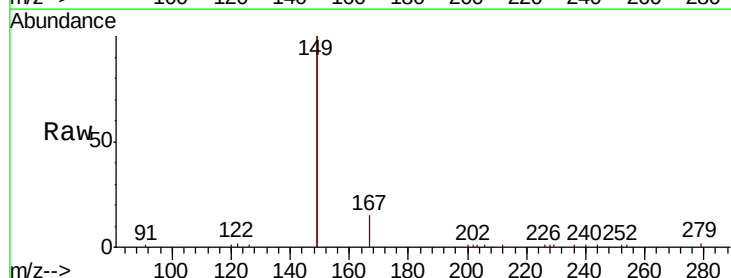
Delta R.T. 0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Tgt Ion:149 Resp: 11952

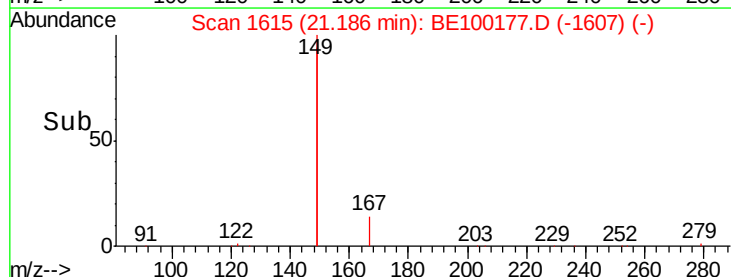
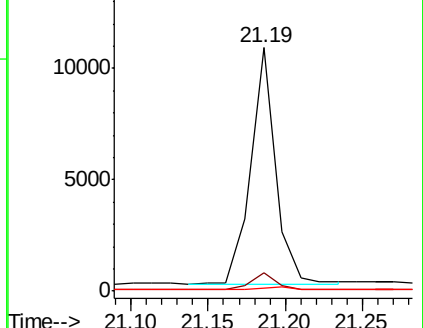
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.5	1.0	1.6

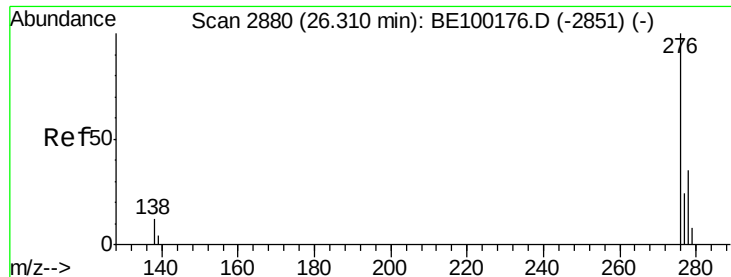


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

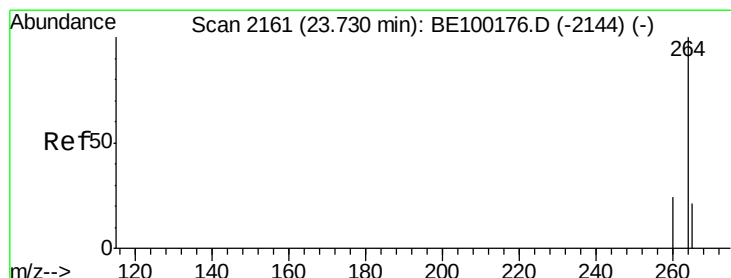
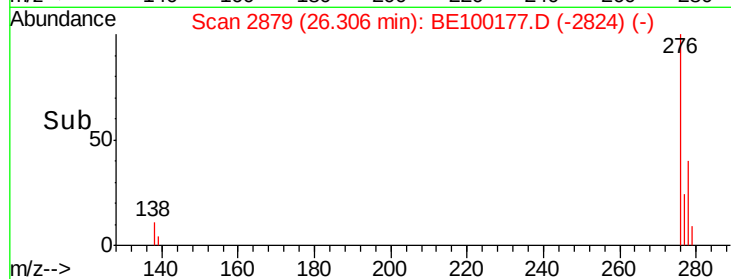
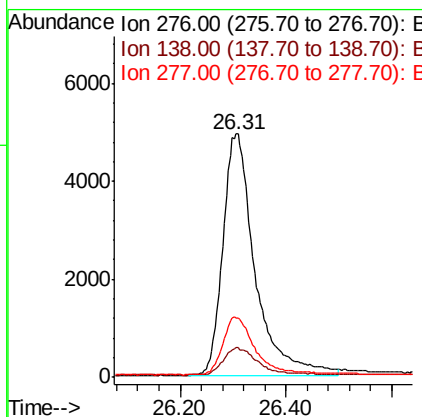
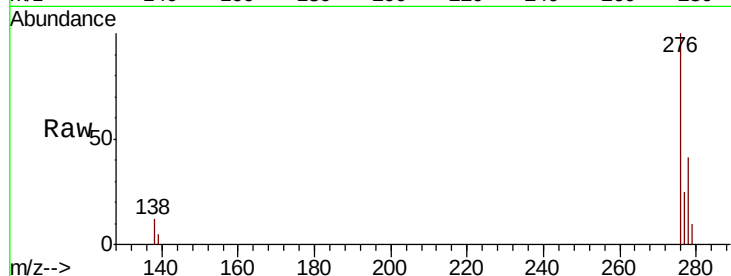




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.088 ng
 RT: 26.31 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BE100177.D
 Acq: 25 Jun 2019 11:49

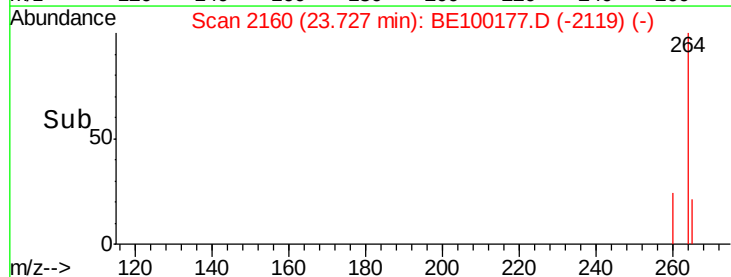
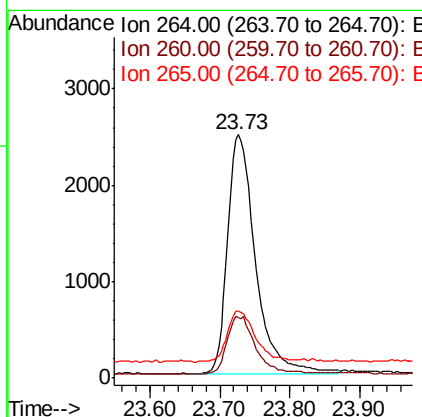
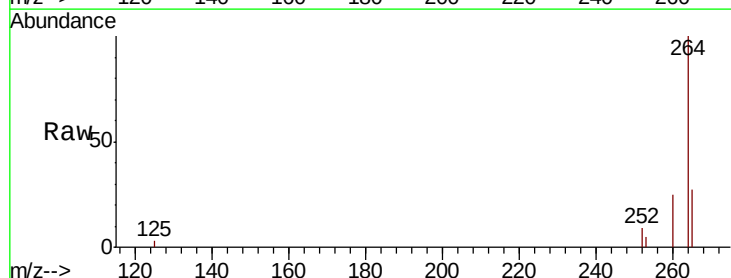
Instrument :
 BNA_E
 ClientSampleId :

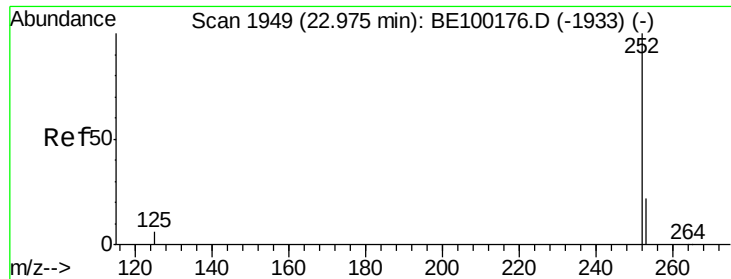
Tot Ion:276 Resp: 20734
 Ion Ratio Lower Upper
 276 100
 138 11.9 3.7 5.5#
 277 24.5 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100177.D
 Acq: 25 Jun 2019 11:49

Tgt Ion:264 Resp: 6861
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.4 30.6
 265 27.2 22.5 33.7

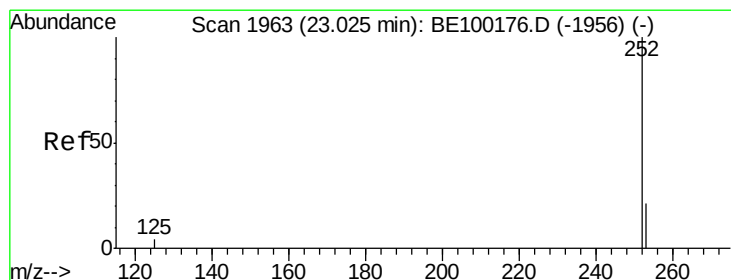
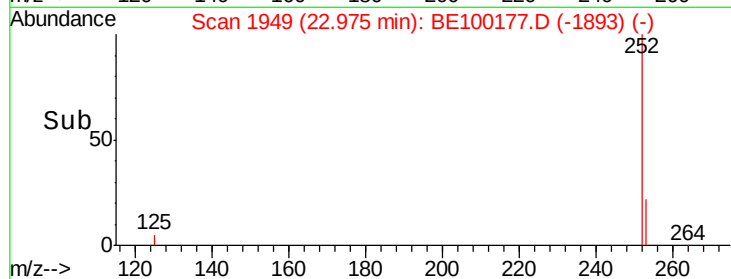
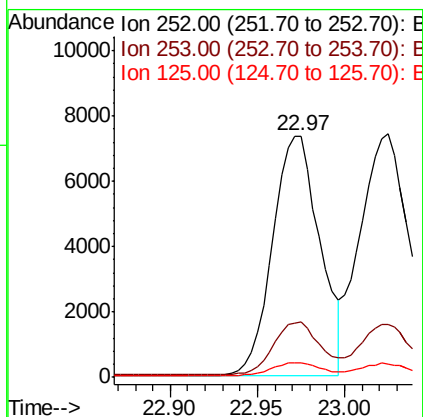
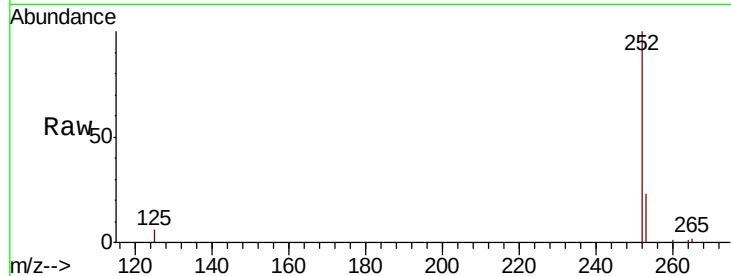




#35
Benzo(b)fluoranthene
Concen: 0.786 ng
RT: 22.97 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

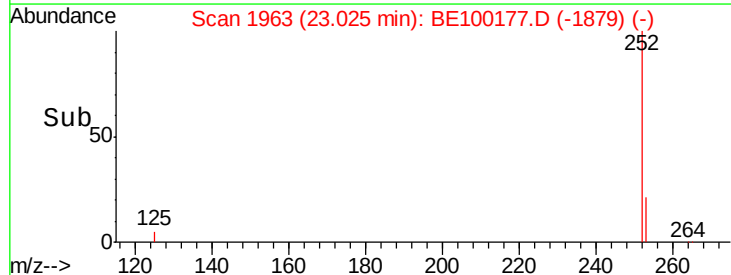
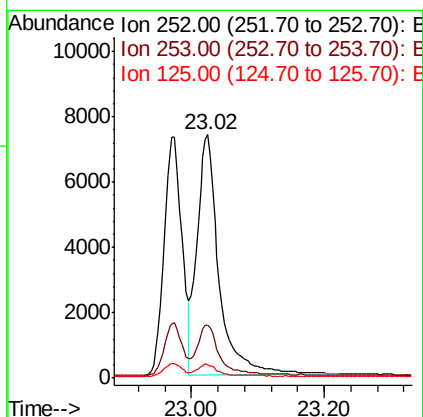
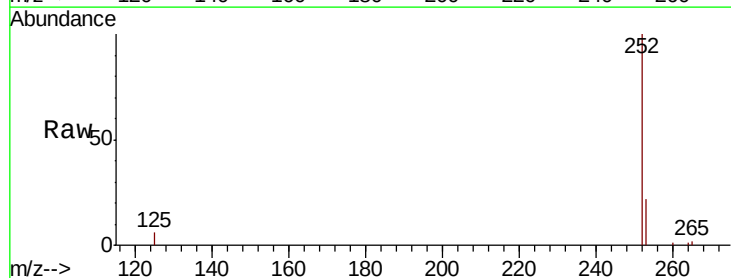
Instrument :
BNA_E
ClientSampleId :

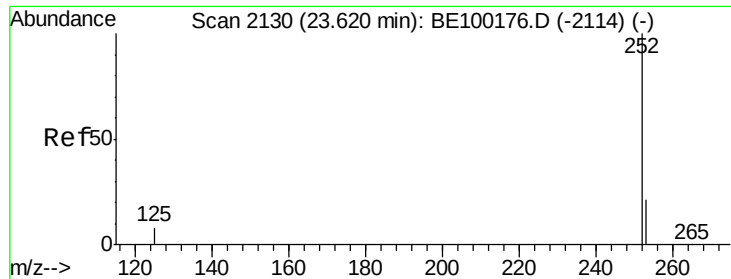
Tot Ion:252 Resp: 13775
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.4
125 5.9 6.3 9.5#



#36
Benzo(k)fluoranthene
Concen: 0.798 ng
RT: 23.02 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE100177.D
Acq: 25 Jun 2019 11:49

Tgt Ion:252 Resp: 16983
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.6 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.806 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :

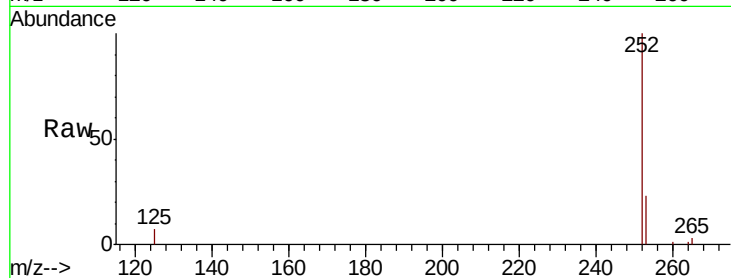
Tot Ion:252 Resp: 14685

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

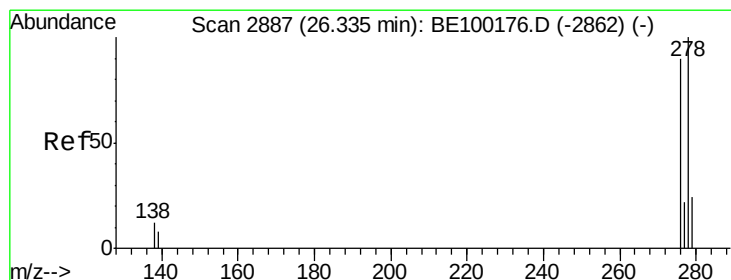
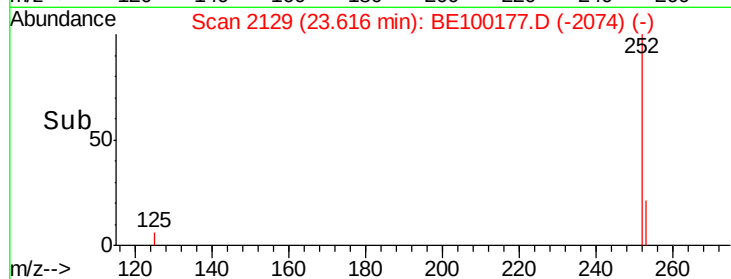
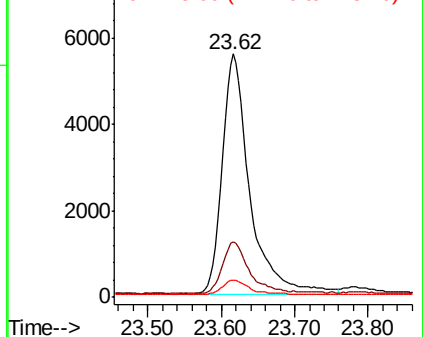
125 7.0 8.2 12.2#



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: 0.897 ng

RT: 26.33 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

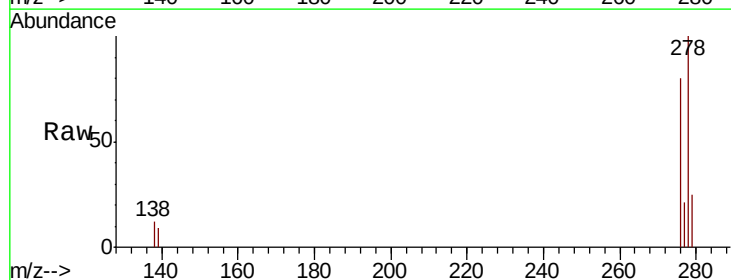
Tgt Ion:278 Resp: 16428

Ion Ratio Lower Upper

278 100

139 9.1 9.0 13.4

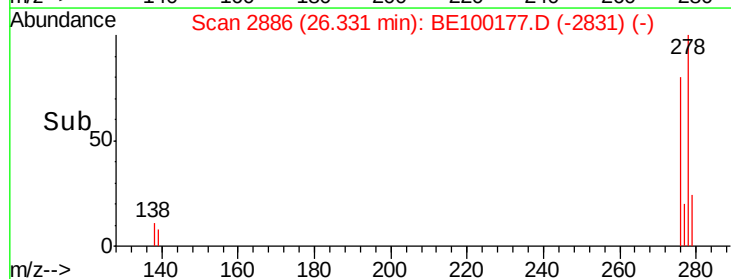
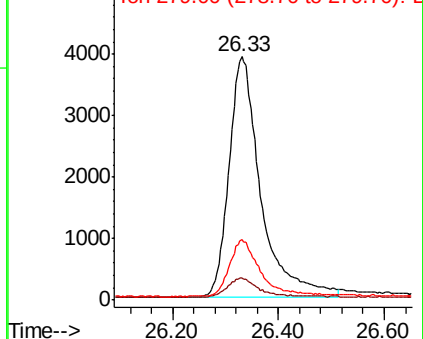
279 24.7 21.1 31.7

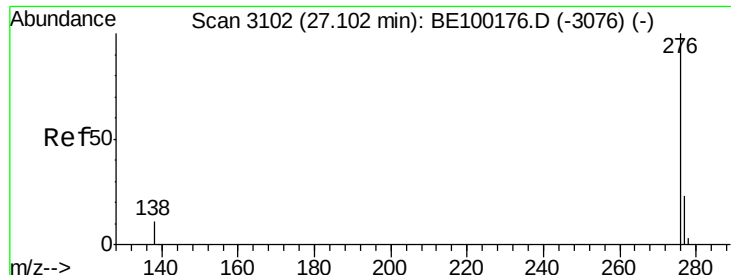


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.892 ng

RT: 27.10 min Scan# 3101

Delta R.T. -0.00 min

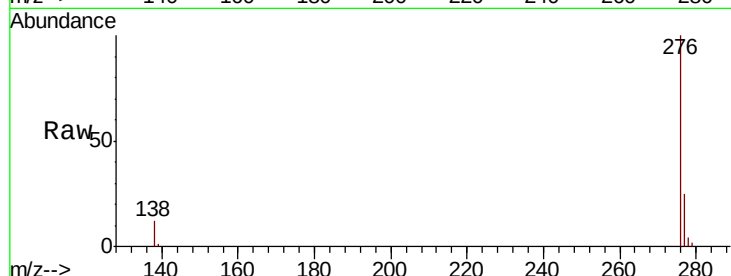
Lab File: BE100177.D

Acq: 25 Jun 2019 11:49

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17099

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 11.7 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

