

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100176.D
 Acq On : 25 Jun 2019 11:13
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:03:15 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	484	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1632	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1236	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	3892	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5441	0.40	ng	0.00
34) Perylene-d12	23.73	264	6567	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	448	0.39	ng	0.00
5) Phenol-d6	6.87	99	560	0.40	ng	0.00
8) Nitrobenzene-d5	8.85	82	649	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	1282	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	276	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	2058	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	23287	0.42	ng	0.00
29) Terphenyl-d14	19.73	244	4724	0.41	ng	0.00

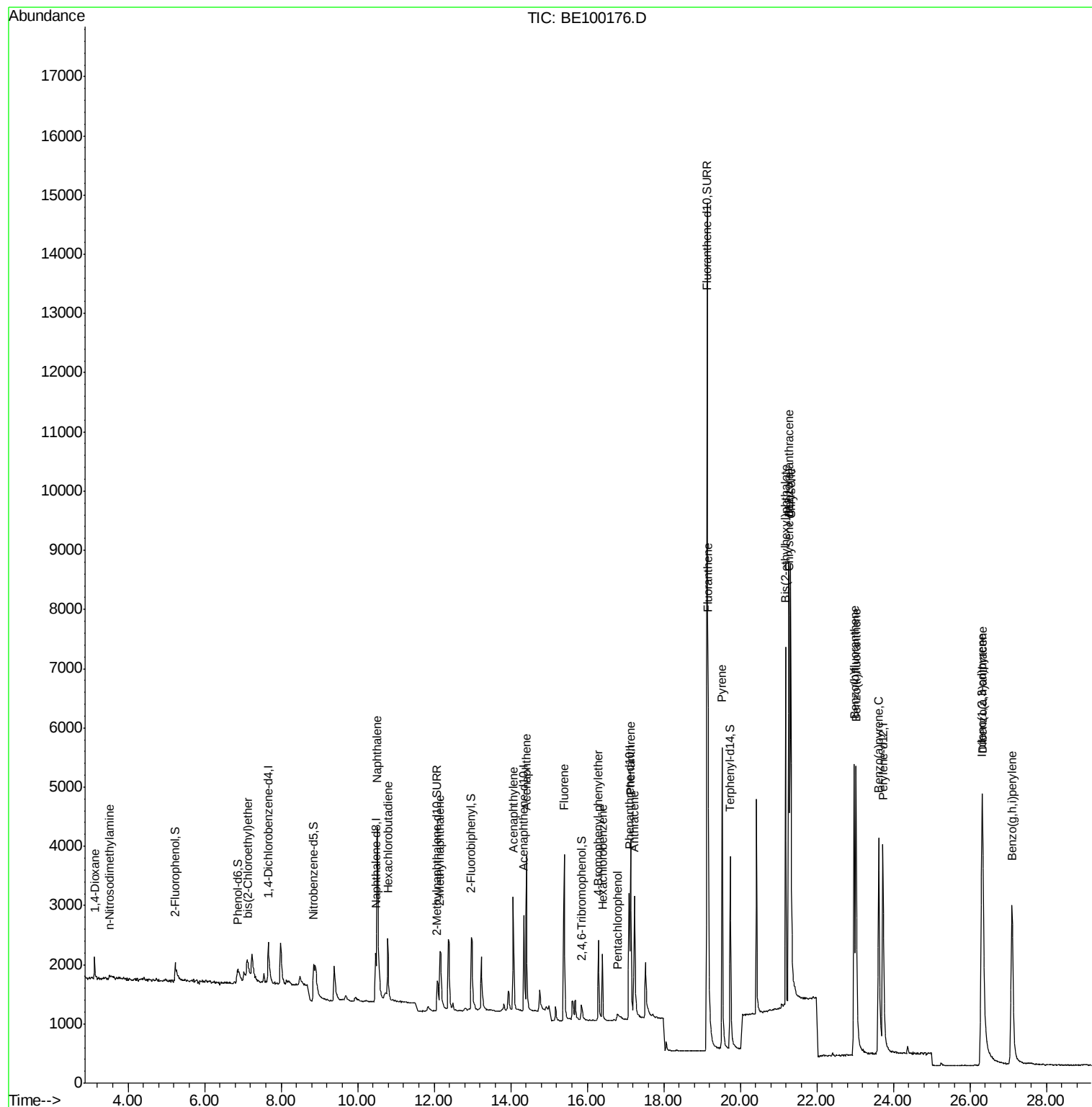
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	329	0.479	ng	98
3) n-Nitrosodimethylamine	3.52	42	65	0.229	ng	100
6) bis(2-Chloroethyl)ether	7.14	93	498	0.382	ng	# 100
9) Naphthalene	10.51	128	7511	0.426	ng	100
10) Hexachlorobutadiene	10.78	225	789	0.468	ng	100
12) 2-Methylnaphthalene	12.15	142	1227	0.420	ng	100
16) Acenaphthylene	14.07	152	2563	0.435	ng	100
17) Acenaphthene	14.41	154	1453	0.434	ng	100
18) Fluorene	15.39	166	2113	0.431	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	1011	0.417	ng	100
21) Hexachlorobenzene	16.40	284	1133	0.443	ng	100
22) Pentachlorophenol	16.79	266	198	0.265	ng	100
23) Phenanthrene	17.14	178	3948	0.434	ng	100
24) Anthracene	17.23	178	3164	0.390	ng	99
26) Fluoranthene	19.16	202	6212	0.424	ng	100
28) Pyrene	19.53	202	6221	0.406	ng	100
30) Benzo(a)anthracene	21.27	228	6806	0.412	ng	100
31) Chrysene	21.32	228	7815	0.428	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	6911	0.253	ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	9853	0.470	ng	100
35) Benzo(b)fluoranthene	22.97	252	7474	0.446	ng	100
36) Benzo(k)fluoranthene	23.02	252	9205	0.452	ng	100
37) Benzo(a)pyrene	23.62	252	7692	0.441	ng	100
38) Dibenzo(a,h)anthracene	26.34	278	7600	0.433	ng	100
39) Benzo(g,h,i)perylene	27.10	276	8237	0.449	ng	100

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

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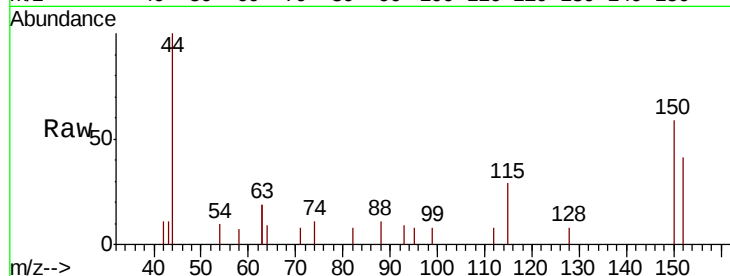


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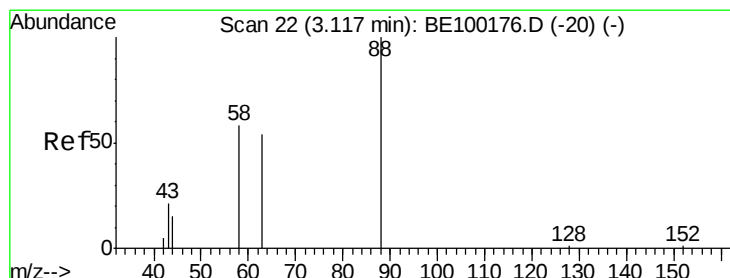
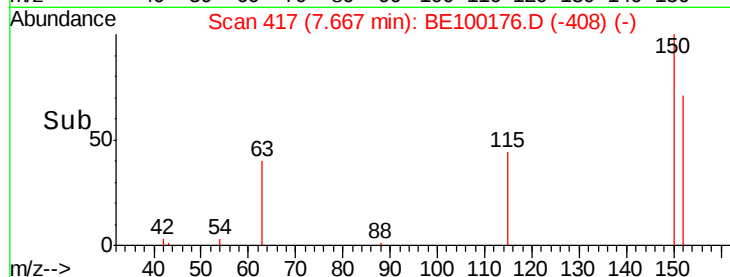
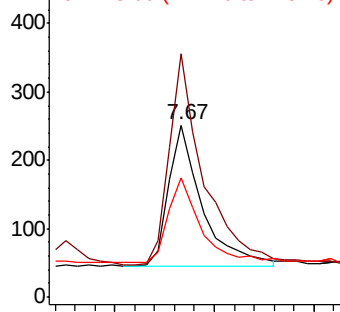
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 484
Ion Ratio Lower Upper
152 100
150 141.8 113.4 170.2
115 69.7 55.8 83.6



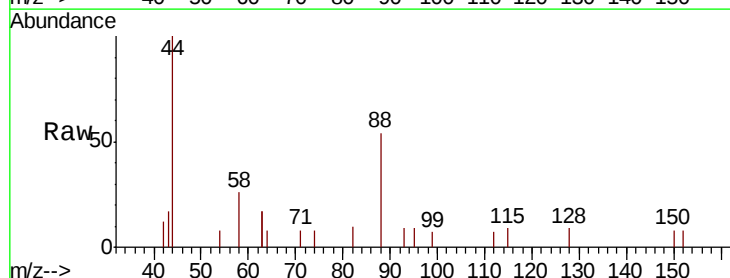
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



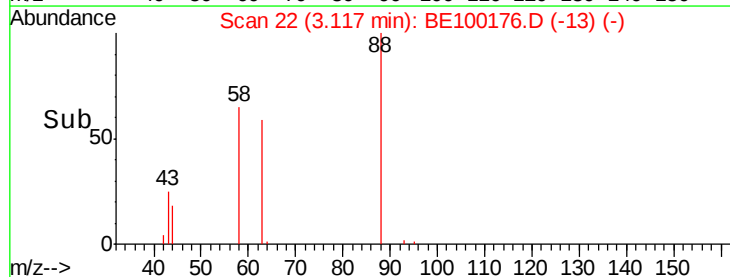
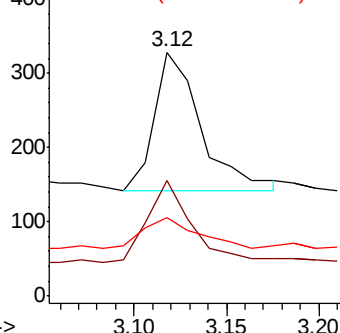
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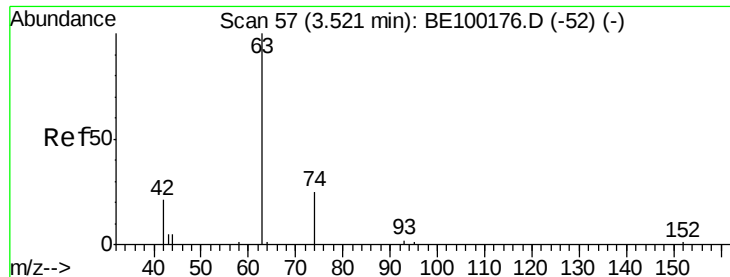
1,4-Dioxane
Concen: 0.479 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion: 88 Resp: 329
Ion Ratio Lower Upper
88 100
58 54.1 43.8 65.6
43 26.7 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



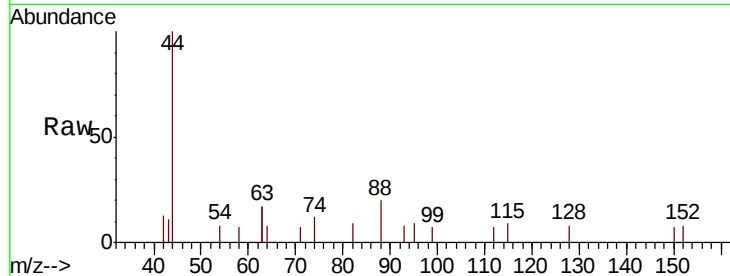


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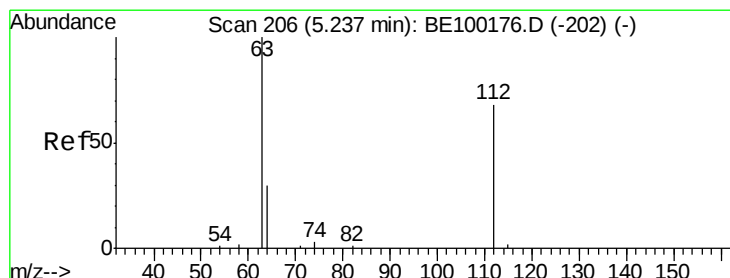
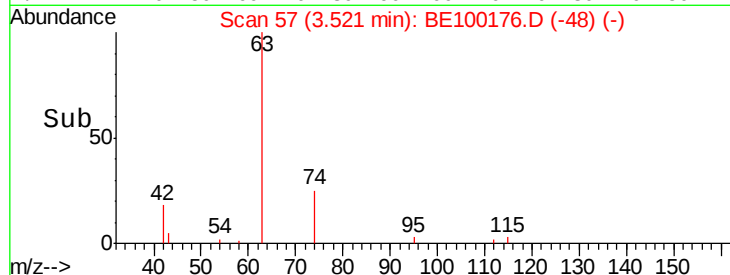
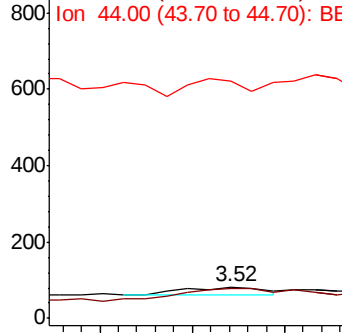
n-Nitrosodimethylamine
 Concen: 0.229 ng
 RT: 3.52 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: BE100176.D
 Acq: 25 Jun 2019 11:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	241.5	193.2	289.8
44	143.1	114.5	171.7



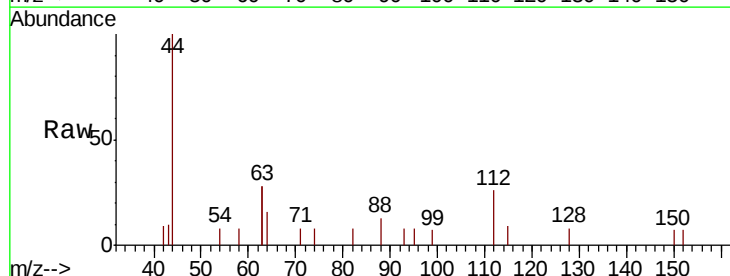
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



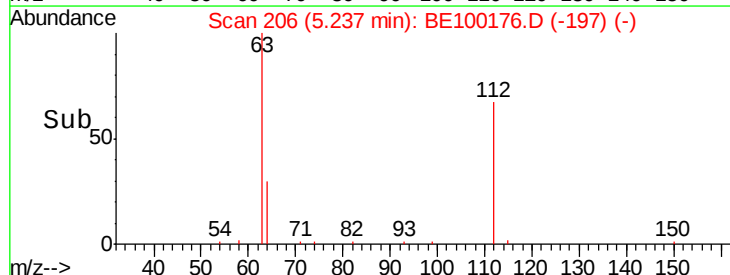
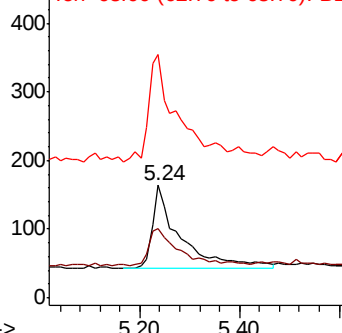
#4

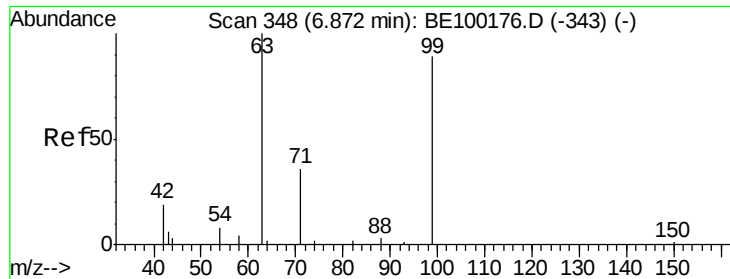
2-Fluorophenol
 Concen: 0.393 ng
 RT: 5.24 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: BE100176.D
 Acq: 25 Jun 2019 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	40.7	61.1
63	130.6	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: 0.400 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

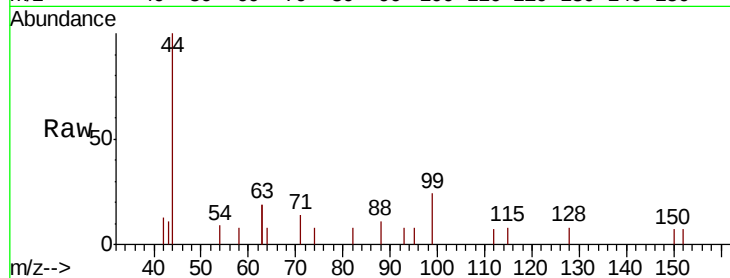
Tot Ion: 99 Resp: 560

Ion Ratio Lower Upper

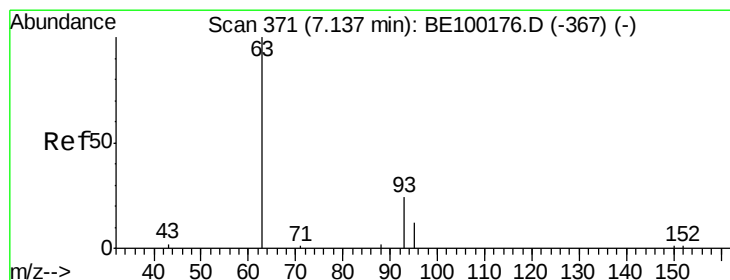
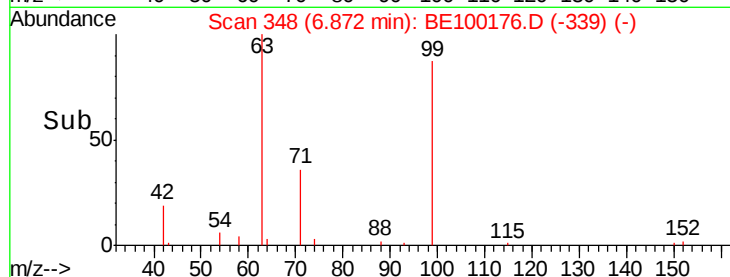
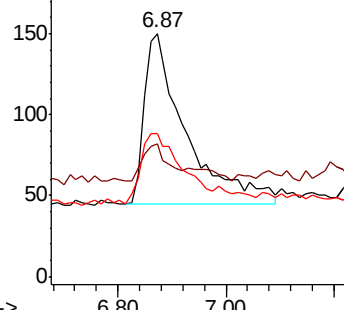
99 100

42 13.0 10.4 15.6

71 40.5 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: 0.382 ng

RT: 7.14 min Scan# 371

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

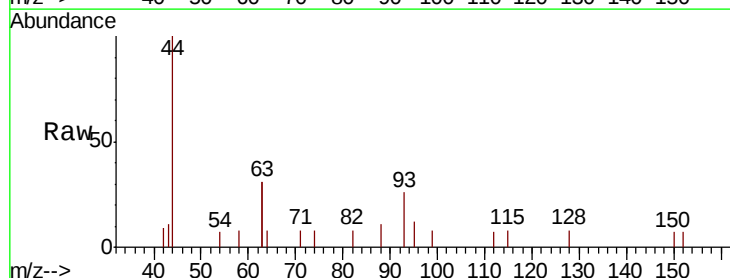
Tgt Ion: 93 Resp: 498

Ion Ratio Lower Upper

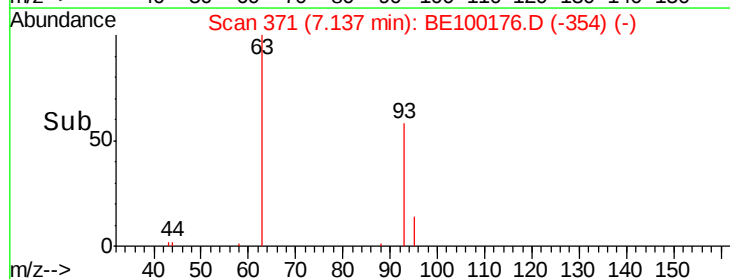
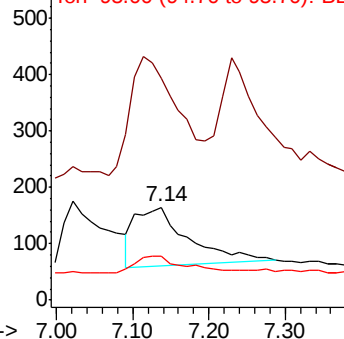
93 100

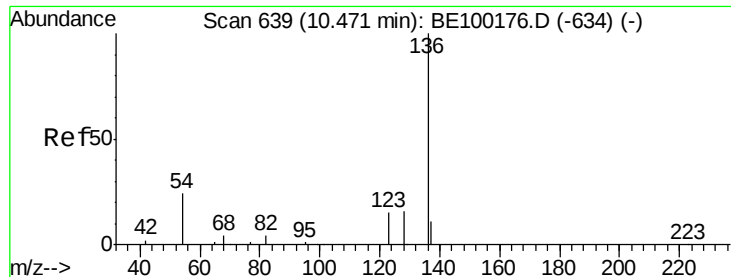
63 0.0 0.0 0.0

95 26.3 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: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1632

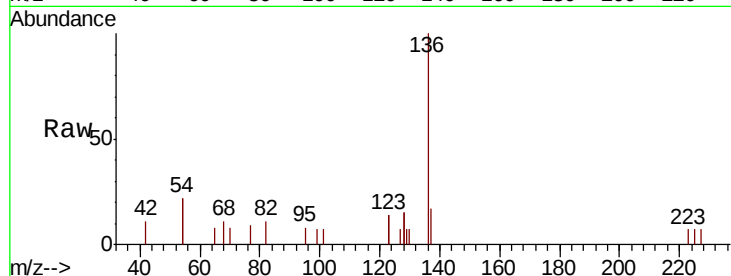
Ion Ratio Lower Upper

136 100

137 17.3 13.8 20.8

54 44.3 35.4 53.2

68 11.0 8.8 13.2

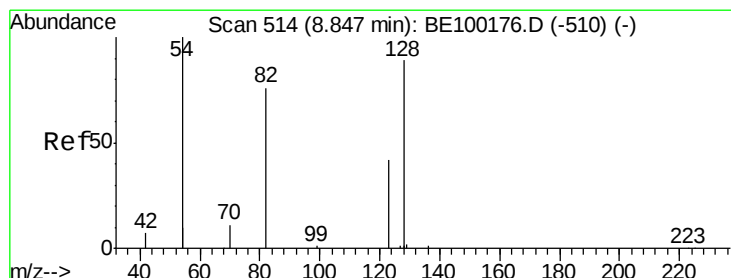
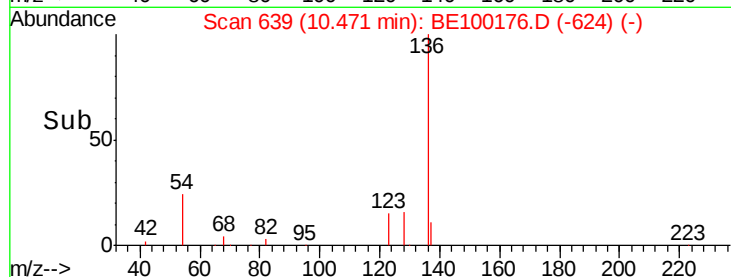
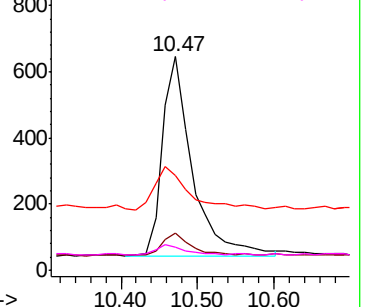


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

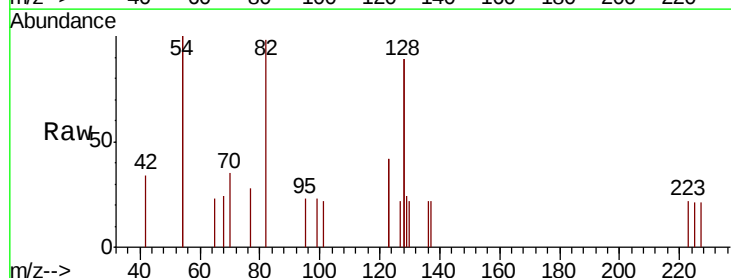
Tgt Ion: 82 Resp: 649

Ion Ratio Lower Upper

82 100

128 180.8 144.6 217.0

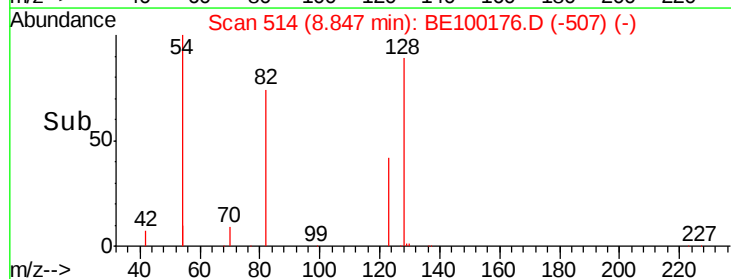
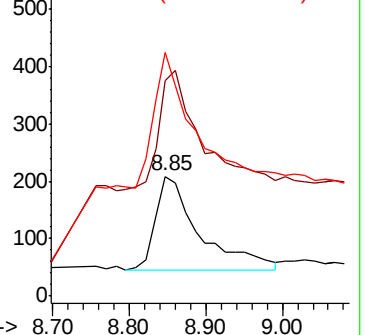
54 203.8 163.0 244.6

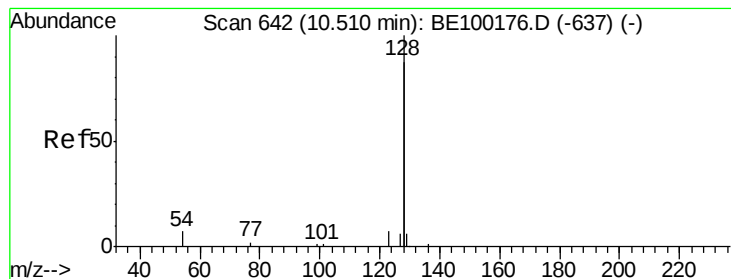


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.426 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

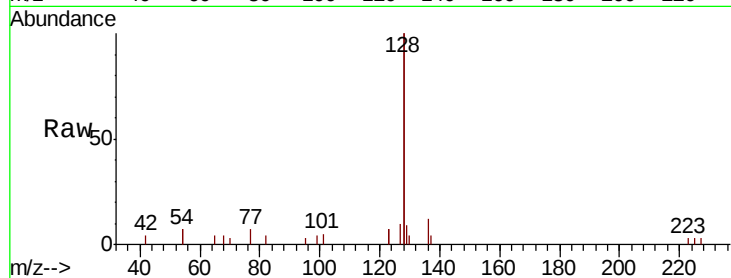
Tot Ion:128 Resp: 7511

Ion Ratio Lower Upper

128 100

129 4.5 3.6 5.4

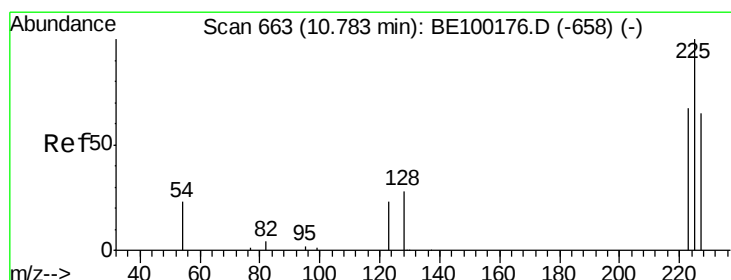
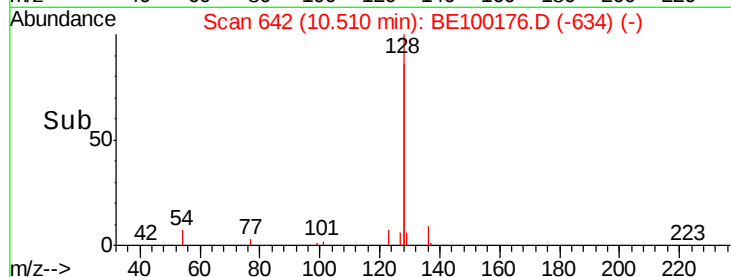
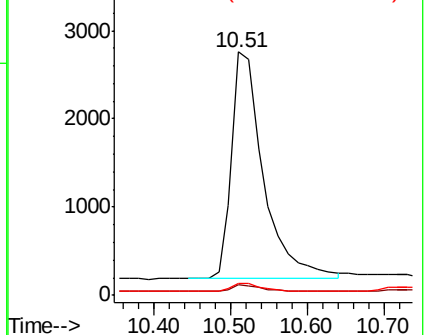
127 4.8 3.8 5.8



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: 0.468 ng

RT: 10.78 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

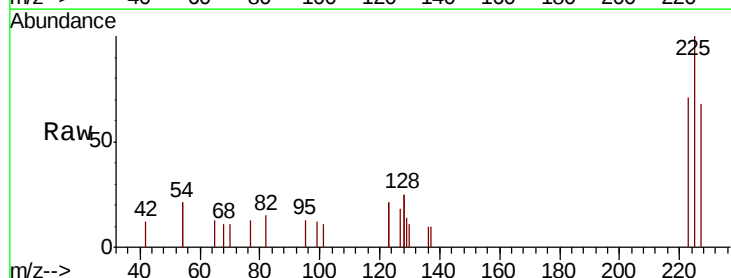
Tgt Ion:225 Resp: 789

Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

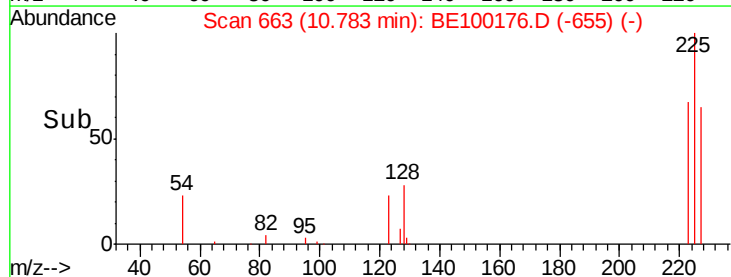
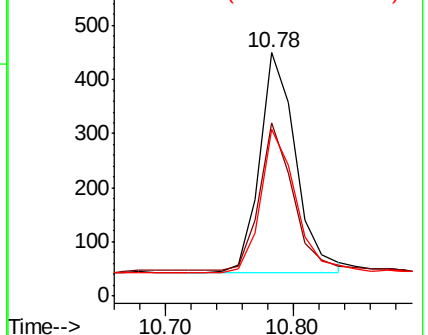
227 63.6 50.9 76.3

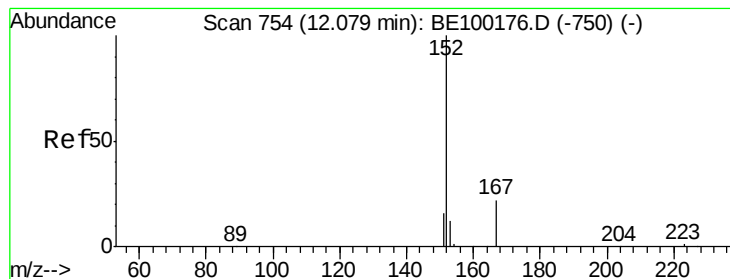


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.08 min Scan# 754

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

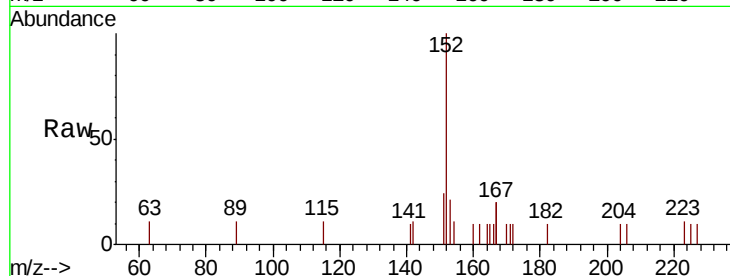
ClientSampleId :

Tot Ion:152 Resp: 1282

Ion Ratio Lower Upper

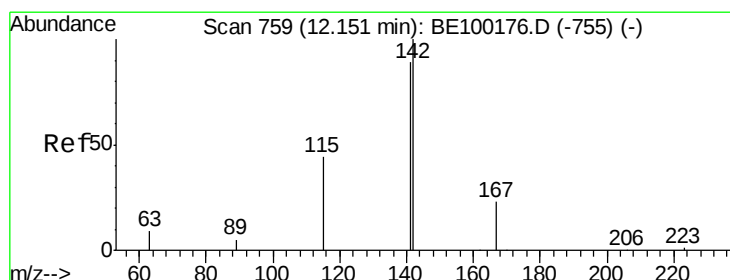
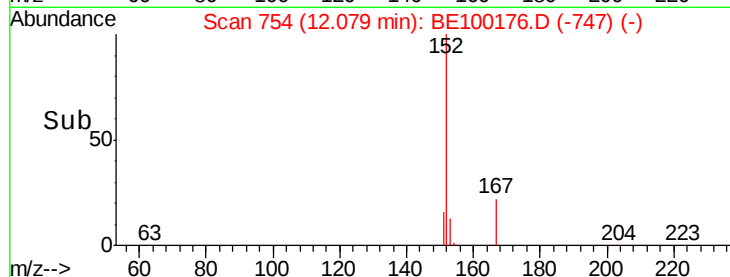
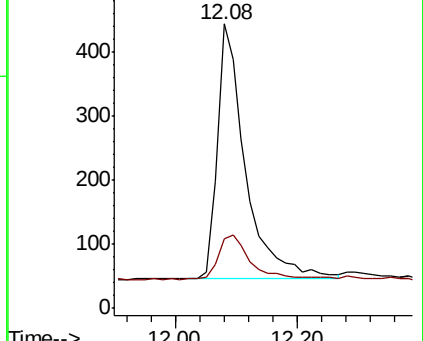
152 100

151 20.4 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

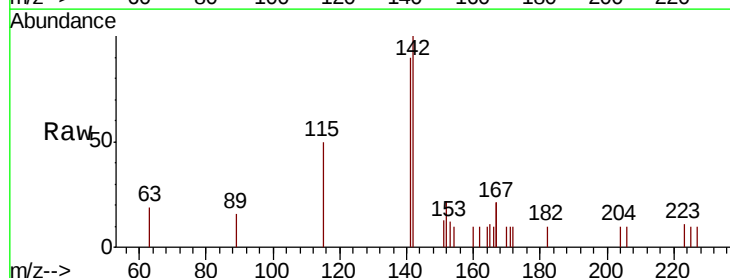
Tgt Ion:142 Resp: 1227

Ion Ratio Lower Upper

142 100

141 89.8 71.8 107.8

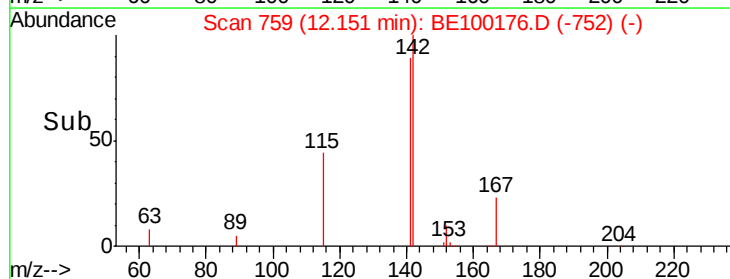
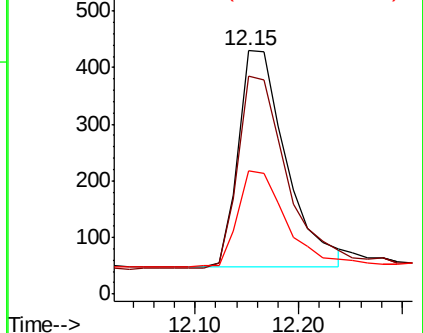
115 50.5 40.4 60.6

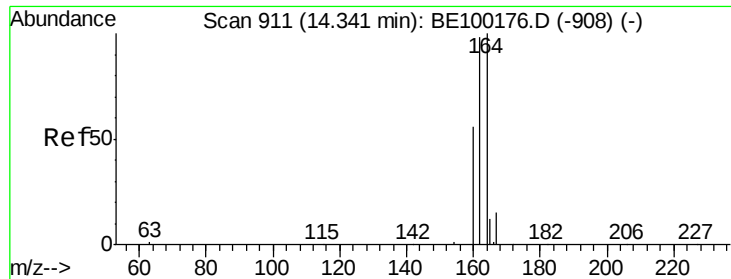


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

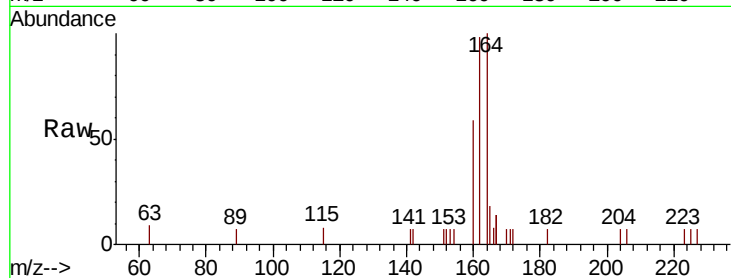




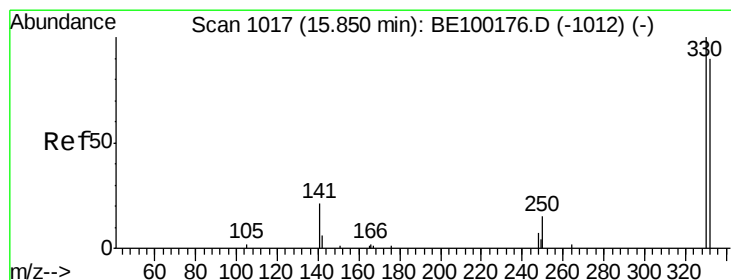
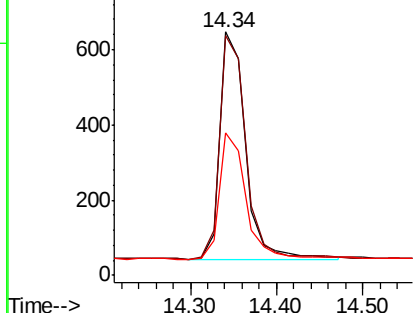
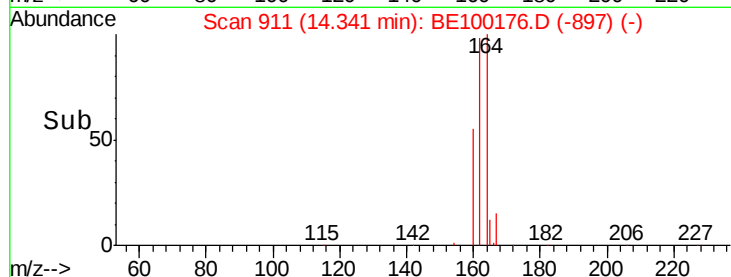
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1236
Ion Ratio Lower Upper
164 100
162 98.3 78.6 118.0
160 58.6 46.9 70.3

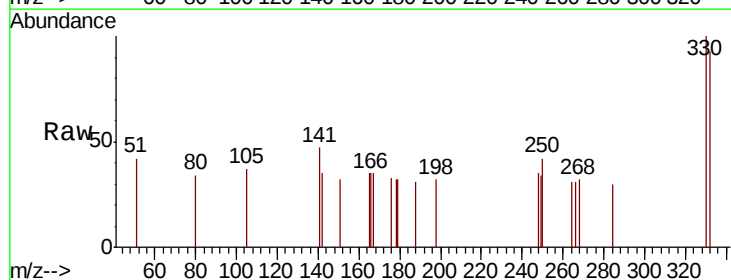


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

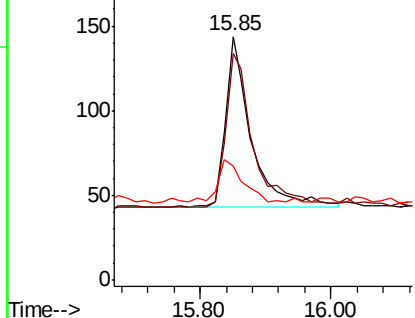
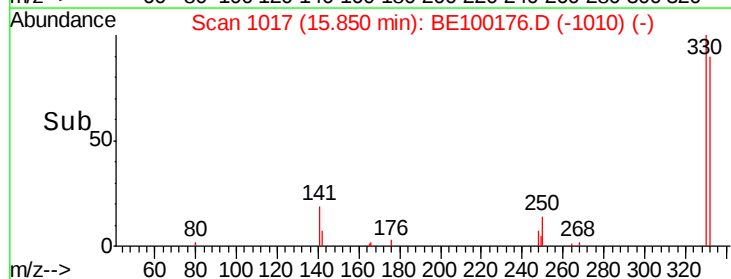


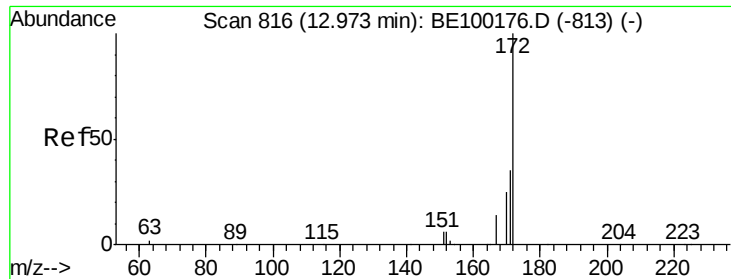
#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion:330 Resp: 276
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 23.6 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

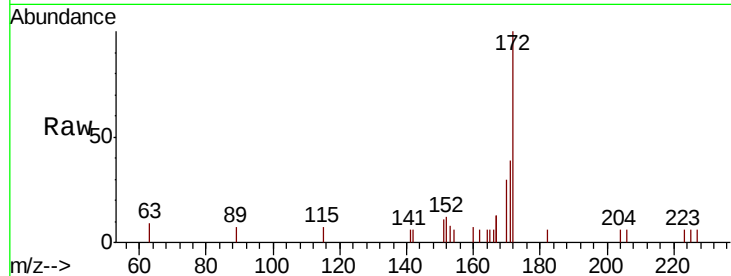




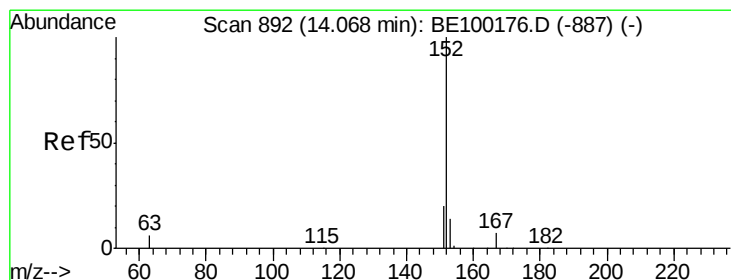
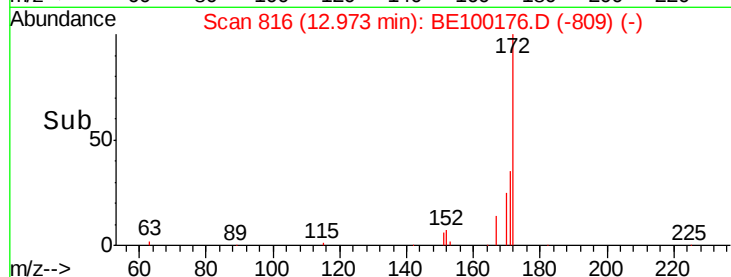
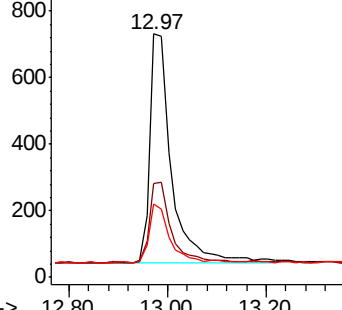
#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 12.97 min Scan# 816
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2058
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 29.9 23.9 35.9

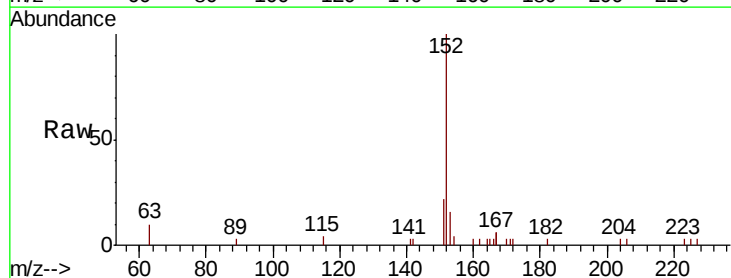


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

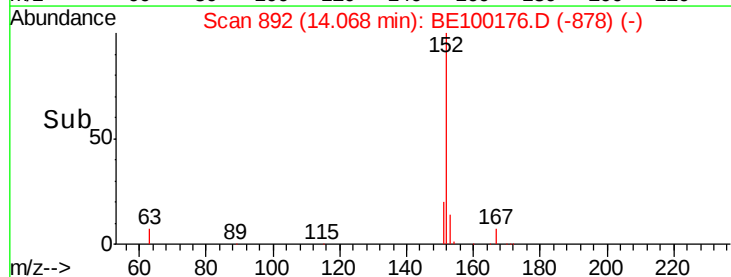
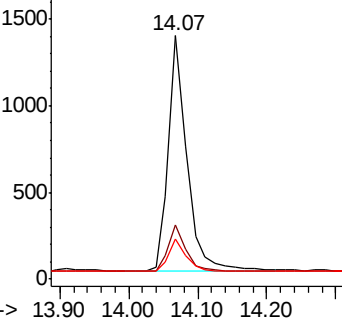


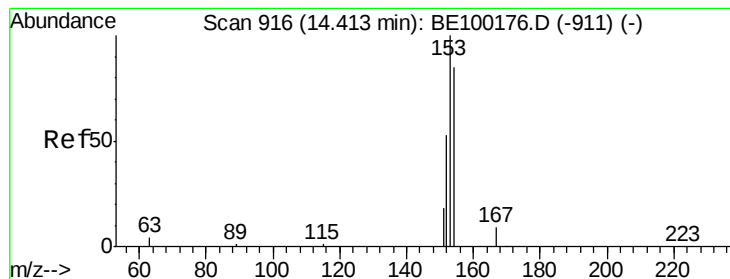
#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion:152 Resp: 2563
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0
153 13.5 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: 0.434 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

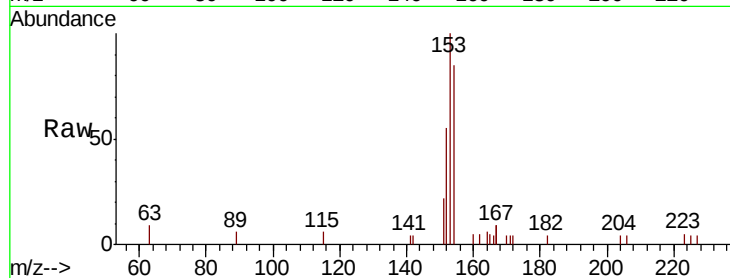
Tot Ion:154 Resp: 1453

Ion Ratio Lower Upper

154 100

153 119.1 95.3 142.9

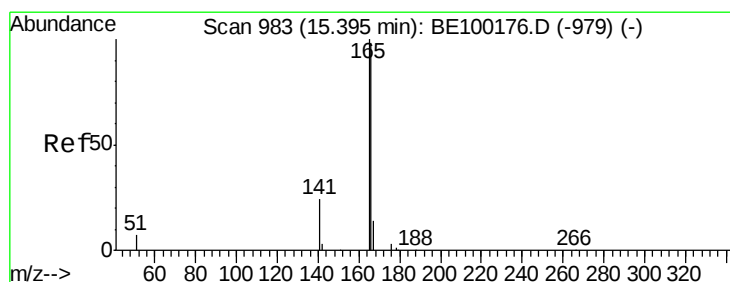
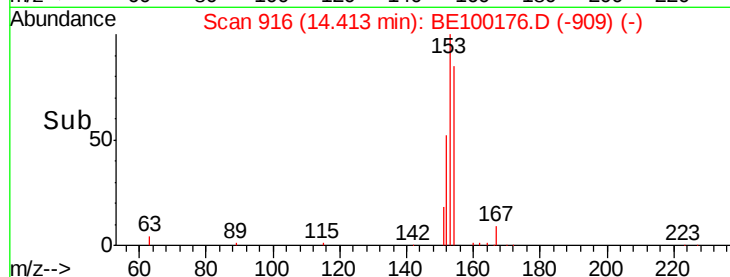
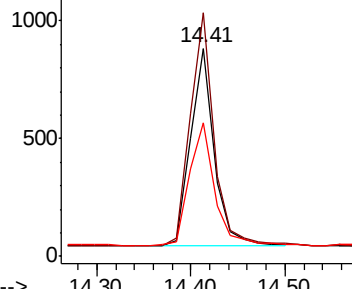
152 66.1 52.9 79.3



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: 0.431 ng

RT: 15.39 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

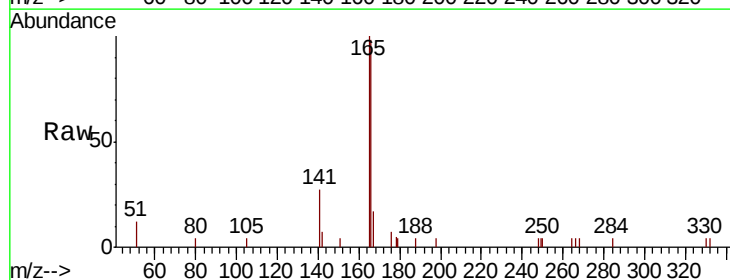
Tgt Ion:166 Resp: 2113

Ion Ratio Lower Upper

166 100

165 101.1 81.0 121.4

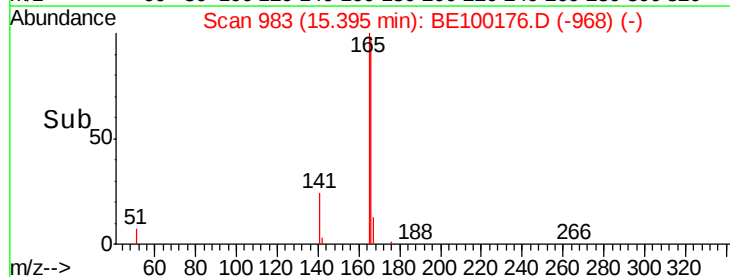
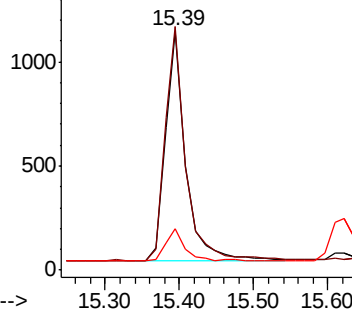
167 14.3 11.4 17.0

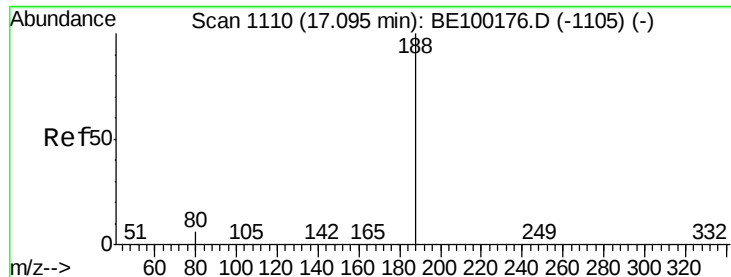


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampled :

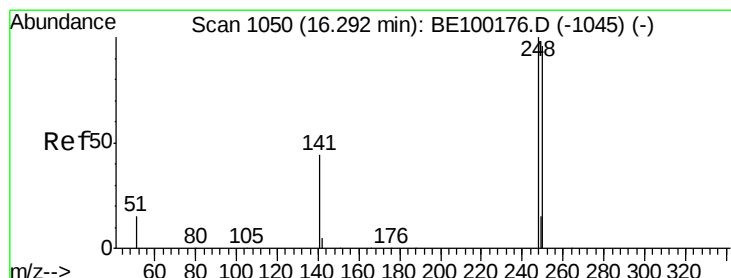
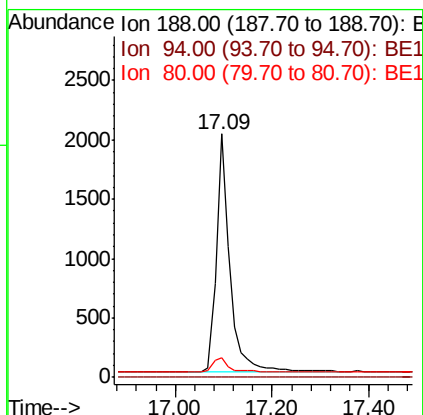
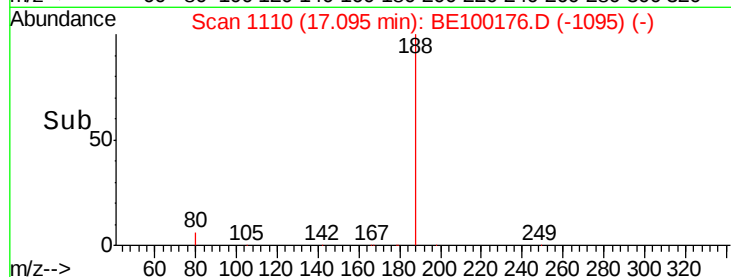
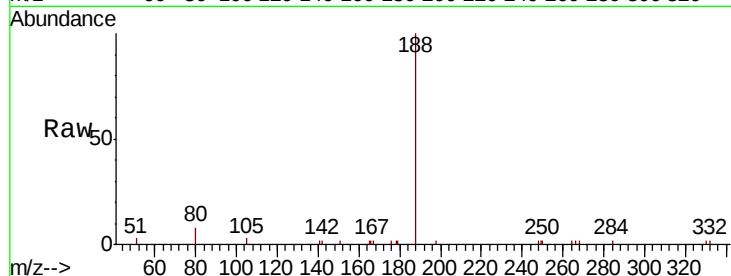
Tot Ion:188 Resp: 3892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.417 ng

RT: 16.29 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

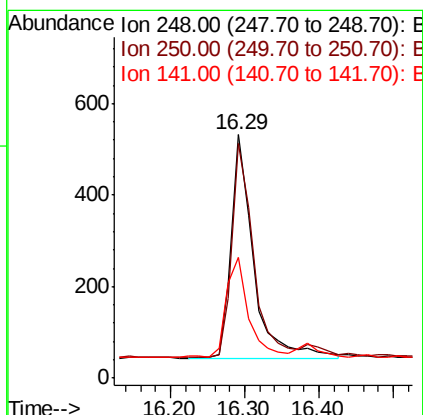
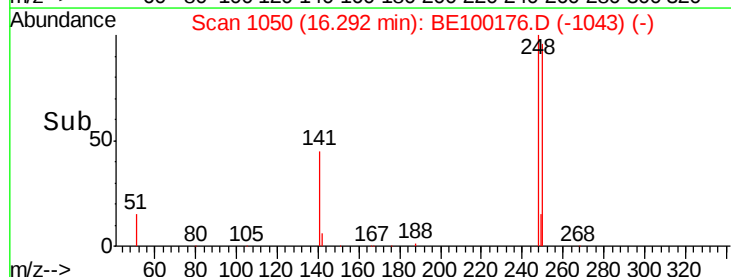
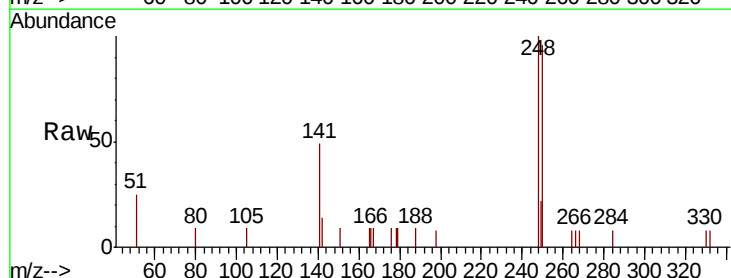
Tgt Ion:248 Resp: 1011

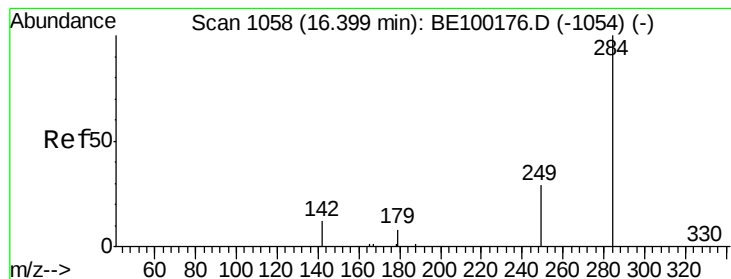
Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

141 49.4 39.5 59.3





#21

Hexachlorobenzene

Concen: 0.443 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

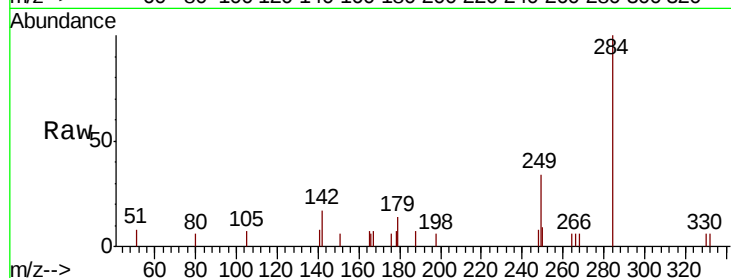
Tot Ion:284 Resp: 1133

Ion Ratio Lower Upper

284 100

142 25.2 20.1 30.1

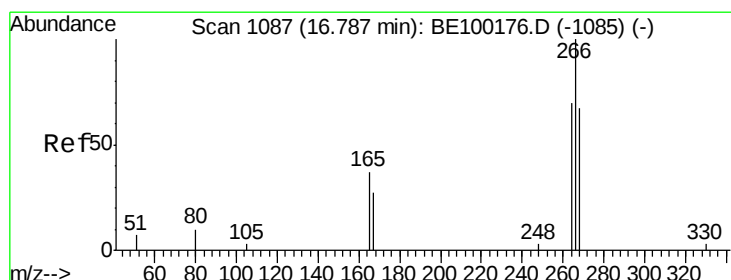
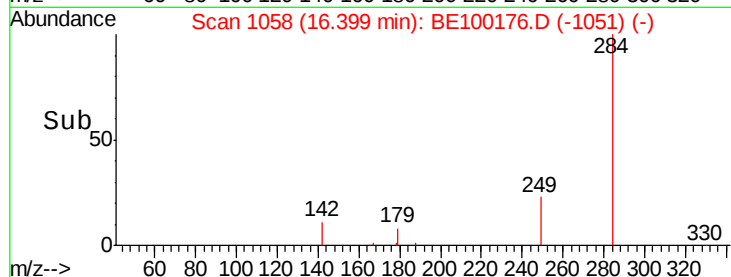
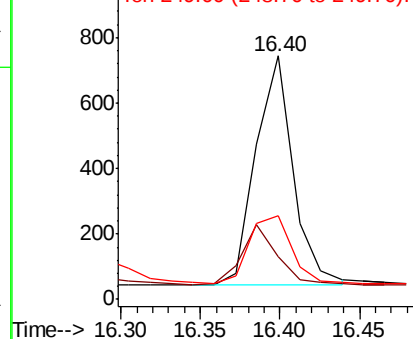
249 33.0 26.2 39.4



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



#22

Pentachlorophenol

Concen: 0.265 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

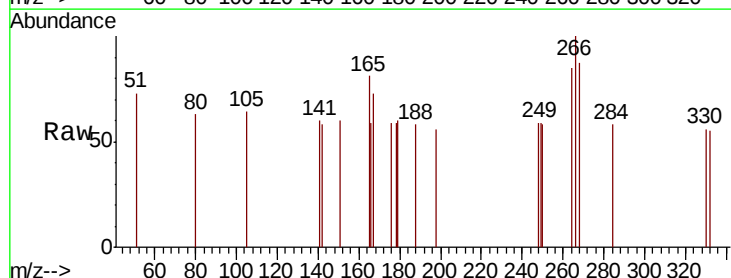
Tgt Ion:266 Resp: 198

Ion Ratio Lower Upper

266 100

264 84.6 67.7 101.5

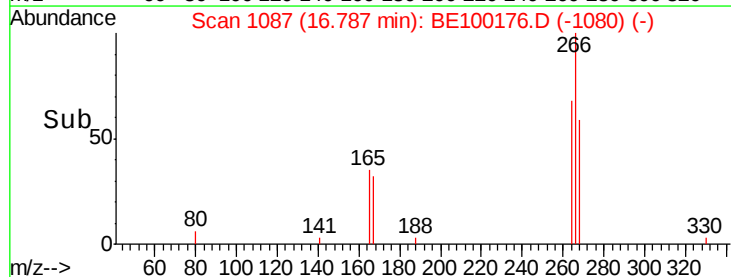
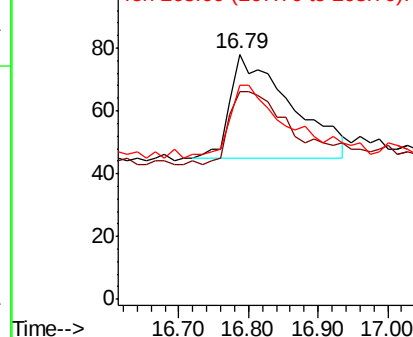
268 87.2 69.8 104.6

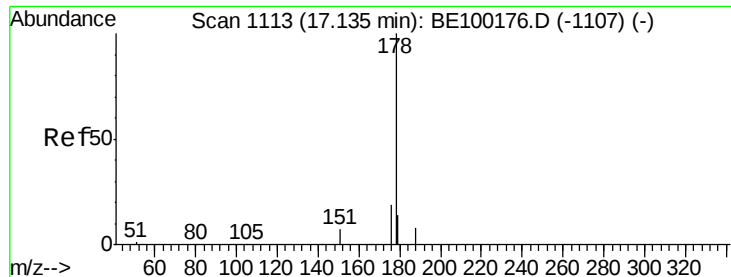


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampled :

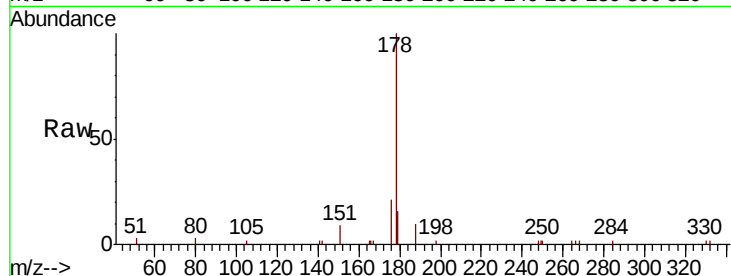
Tot Ion:178 Resp: 3948

Ion Ratio Lower Upper

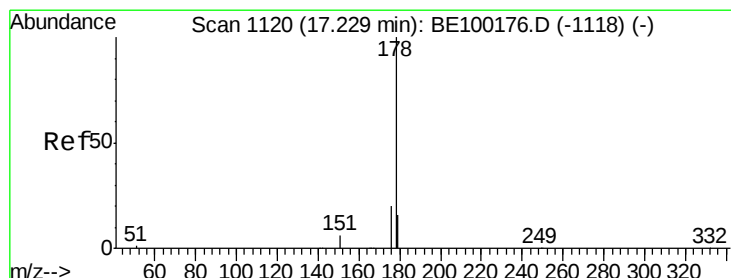
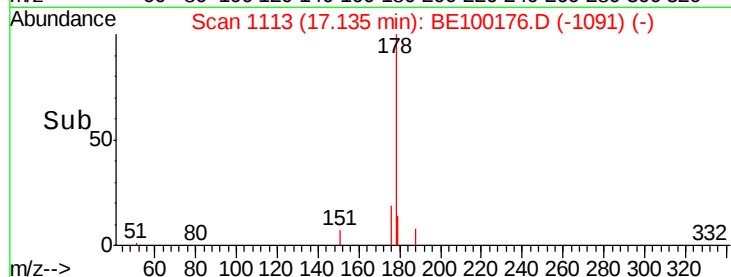
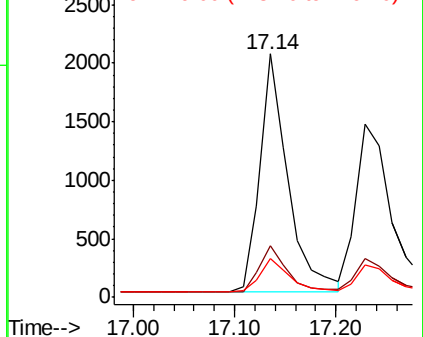
178 100

176 19.4 15.5 23.3

179 15.2 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: 0.390 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

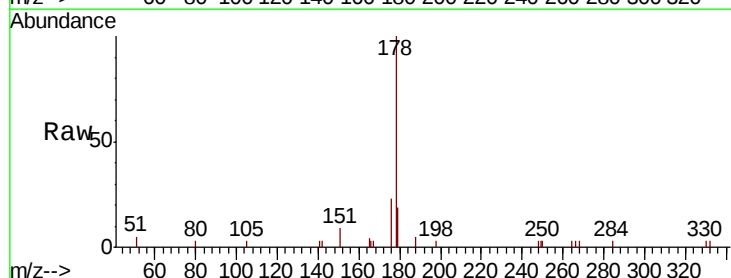
Tgt Ion:178 Resp: 3164

Ion Ratio Lower Upper

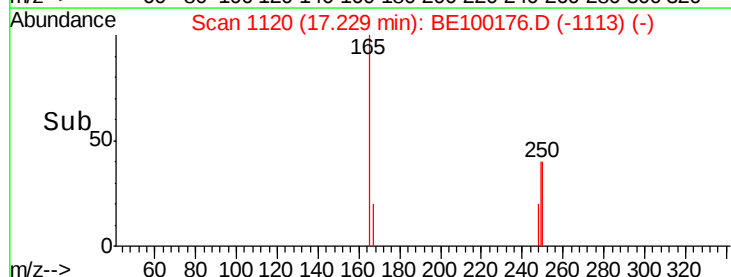
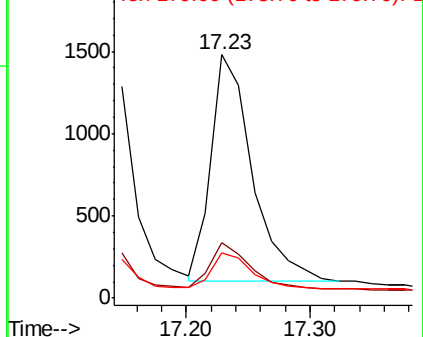
178 100

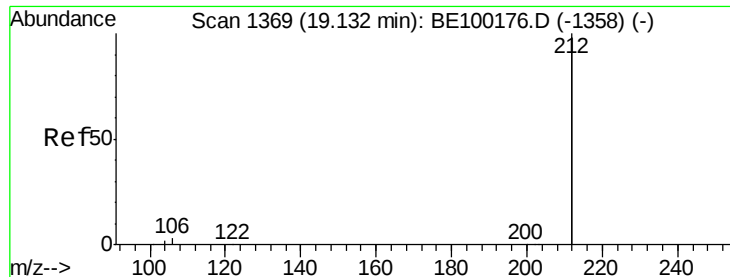
176 19.8 15.7 23.5

179 15.0 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: 0.419 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

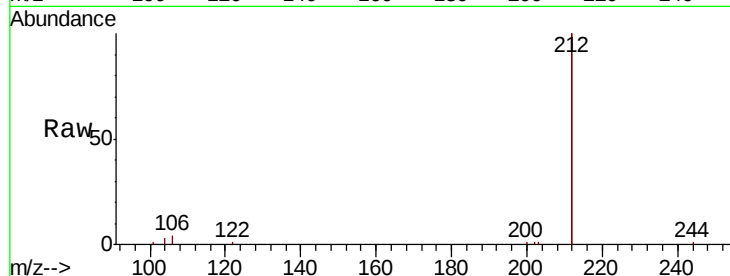
Tot Ion:212 Resp: 23287

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

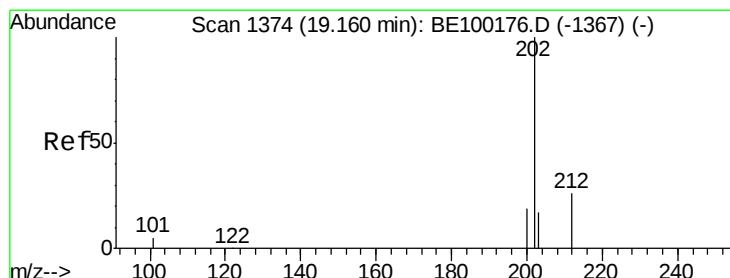
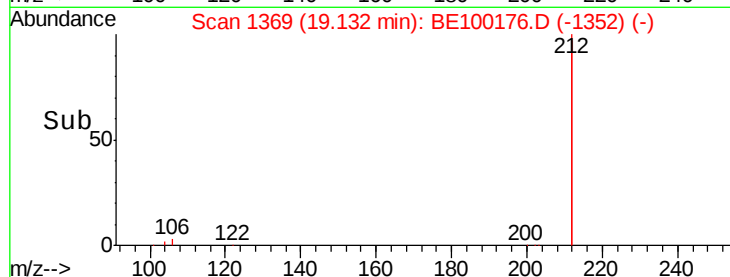
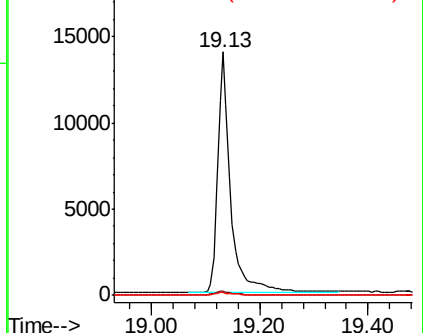
104 0.9 0.7 1.1



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: 0.424 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

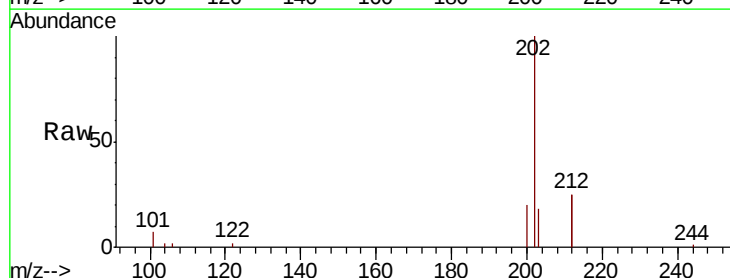
Tgt Ion:202 Resp: 6212

Ion Ratio Lower Upper

202 100

101 5.6 4.5 6.7

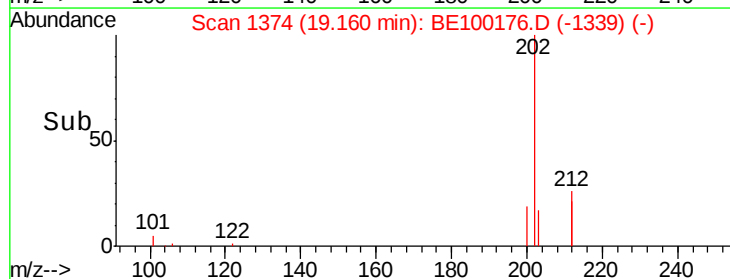
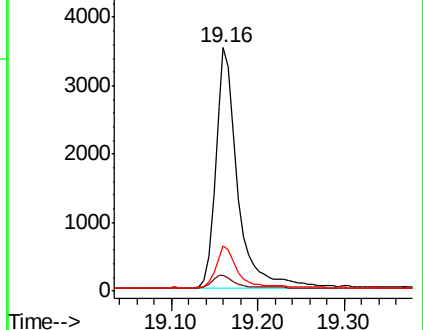
203 17.1 13.7 20.5

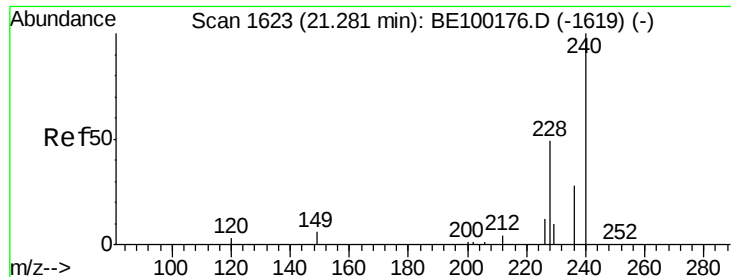


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

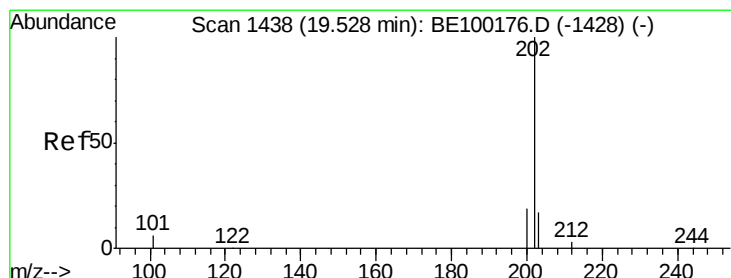
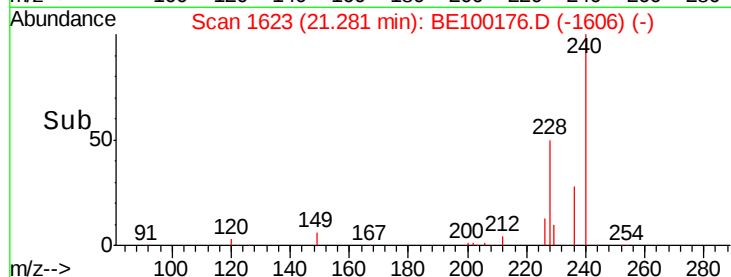
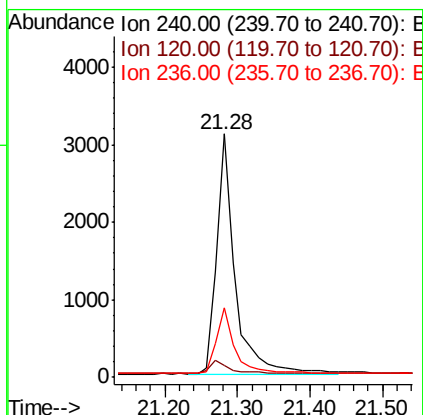
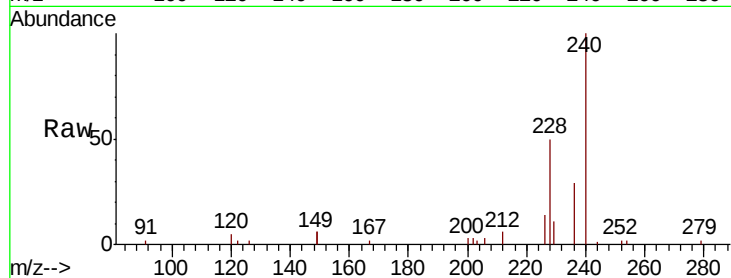




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

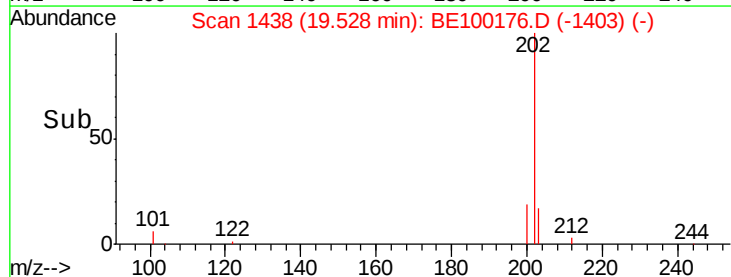
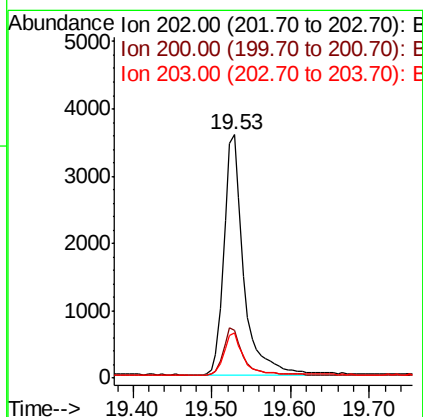
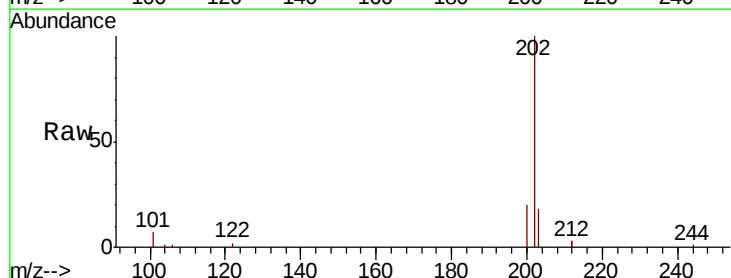
Instrument :
BNA_E
ClientSampled :

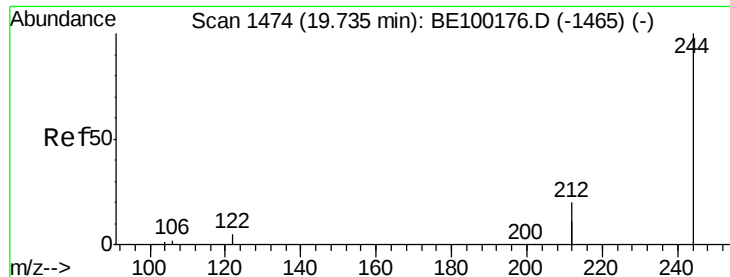
Tot Ion:240 Resp: 5441
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 28.8 23.0 34.6



#28
Pyrene
Concen: 0.406 ng
RT: 19.53 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion:202 Resp: 6221
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.73 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

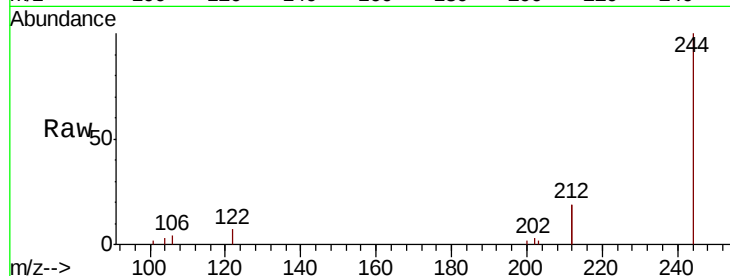
Tot Ion:244 Resp: 4724

Ion Ratio Lower Upper

244 100

212 38.4 30.7 46.1

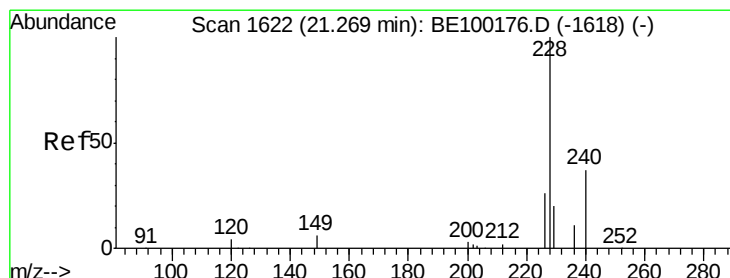
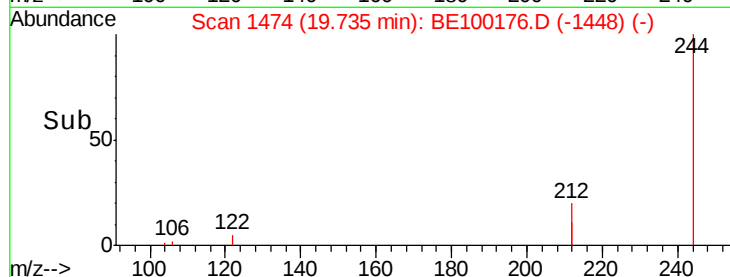
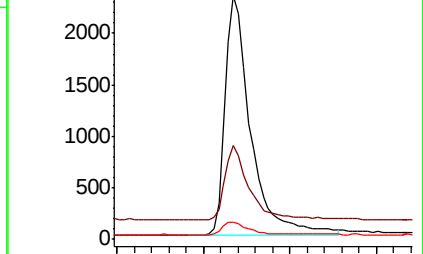
122 7.2 5.8 8.6



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: 0.412 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

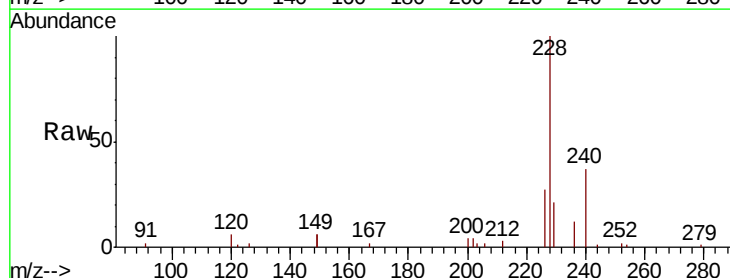
Tgt Ion:228 Resp: 6806

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

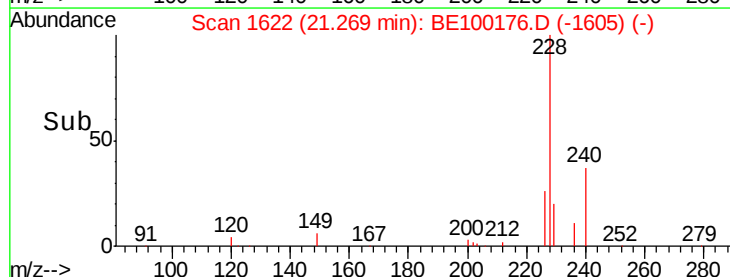
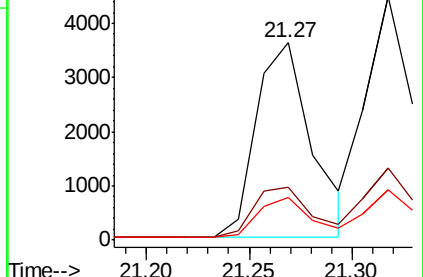
229 21.5 17.2 25.8

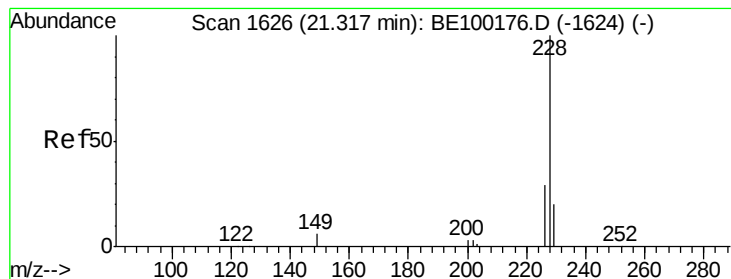


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

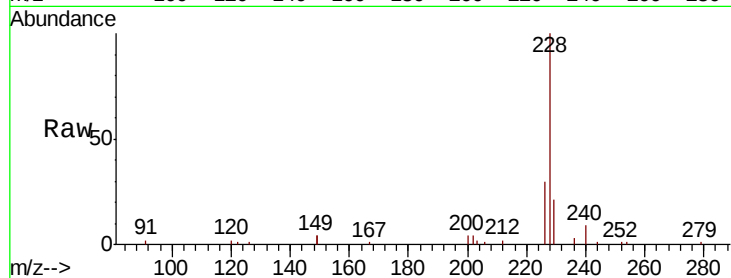
Tot Ion:228 Resp: 7815

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

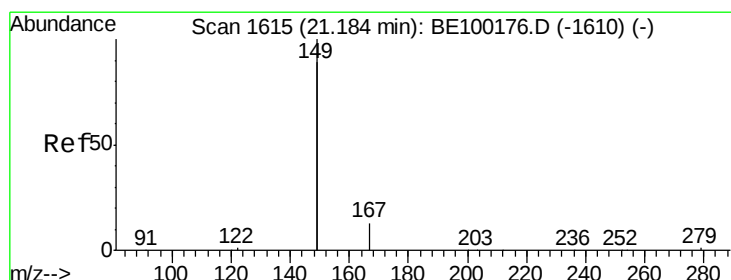
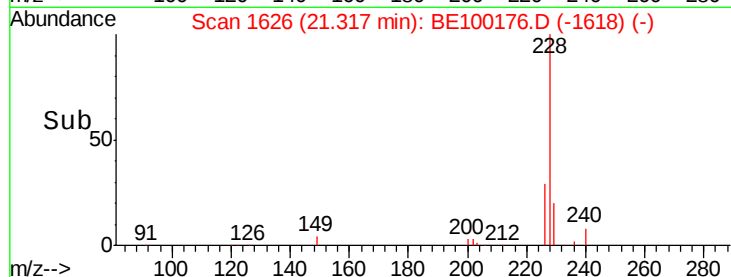
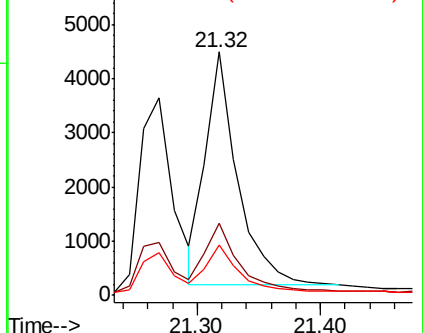
229 20.6 16.5 24.7



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: 0.253 ng

RT: 21.18 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

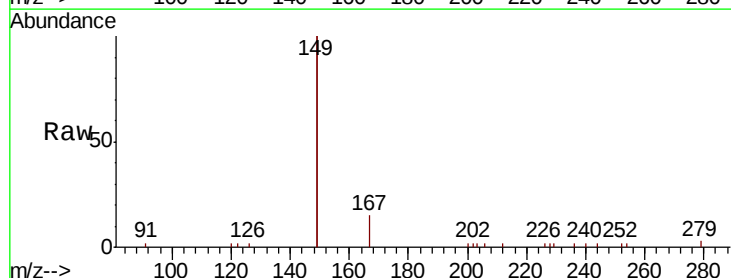
Tgt Ion:149 Resp: 6911

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

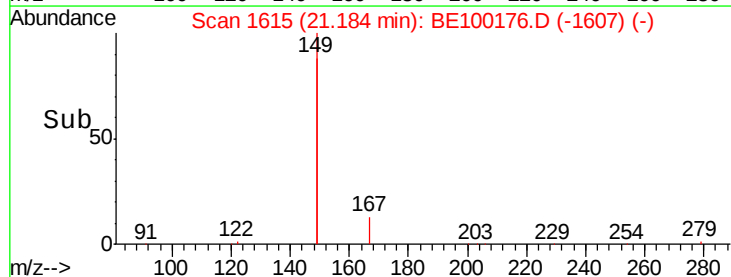
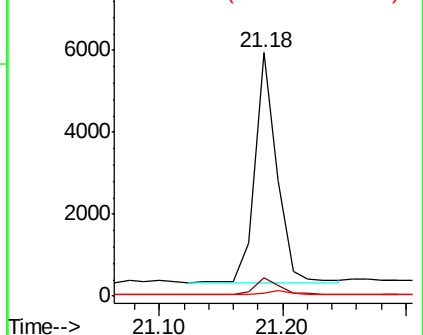
279 1.3 1.0 1.6

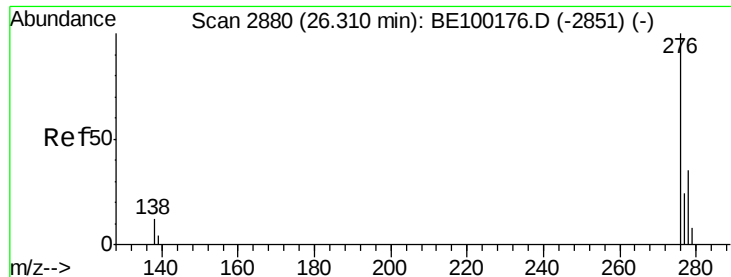


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

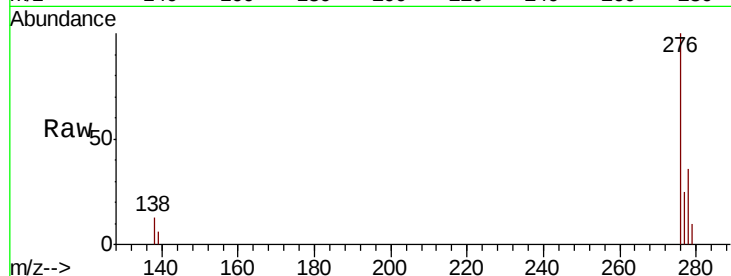




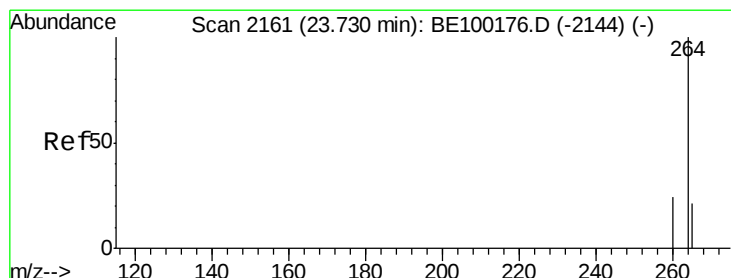
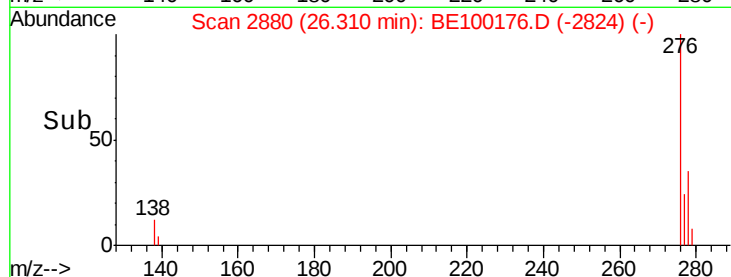
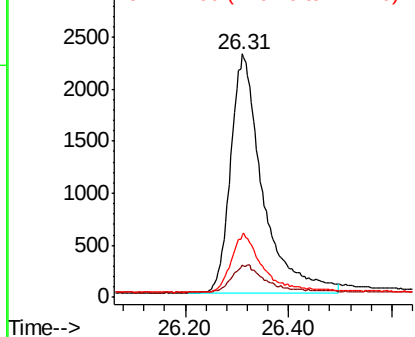
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.470 ng
RT: 26.31 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 9853
Ion Ratio Lower Upper
276 100
138 4.6 3.7 5.5
277 23.5 18.7 28.1

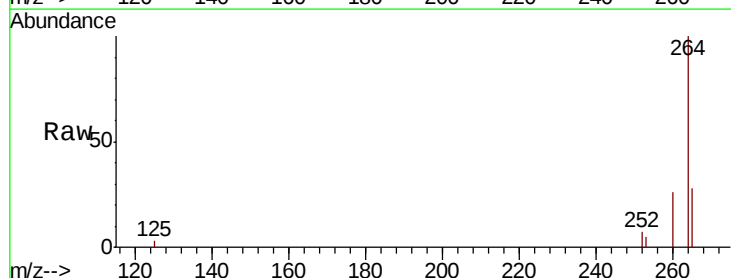


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

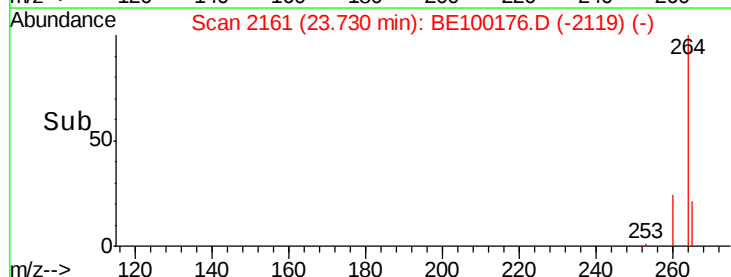
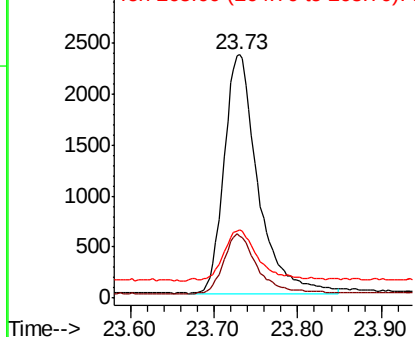


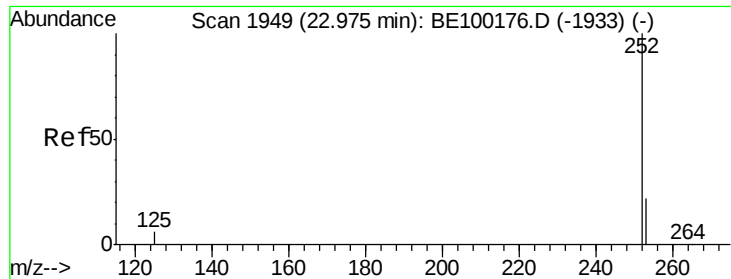
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion:264 Resp: 6567
Ion Ratio Lower Upper
264 100
260 25.5 20.4 30.6
265 28.1 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

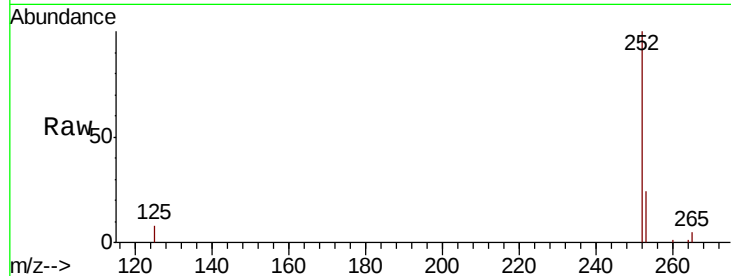




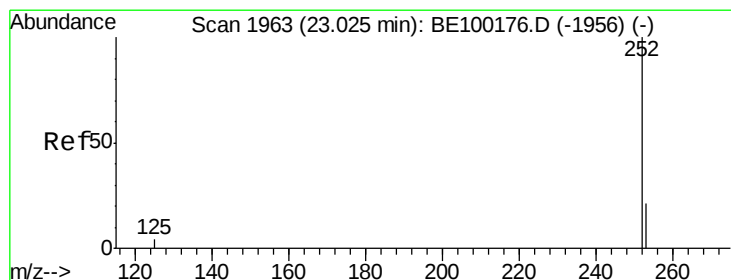
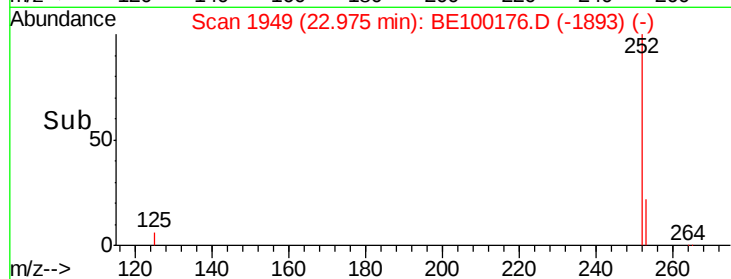
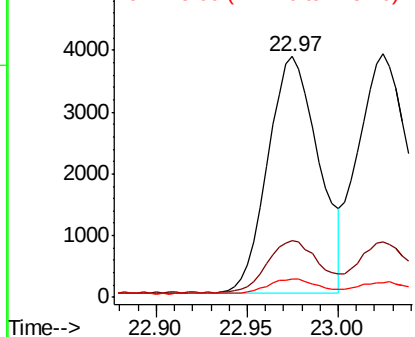
#35
Benzo(b)fluoranthene
Concen: 0.446 ng
RT: 22.97 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 7474
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 7.9 6.3 9.5

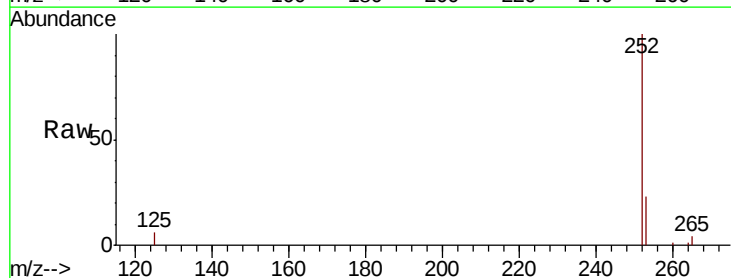


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

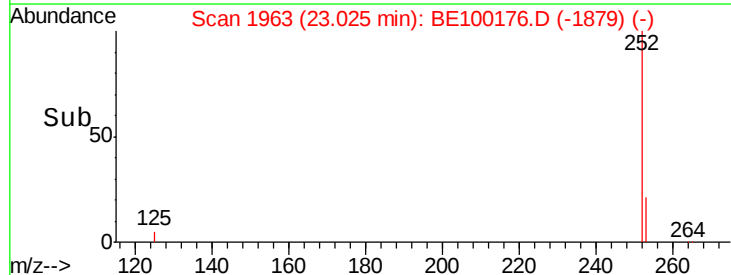
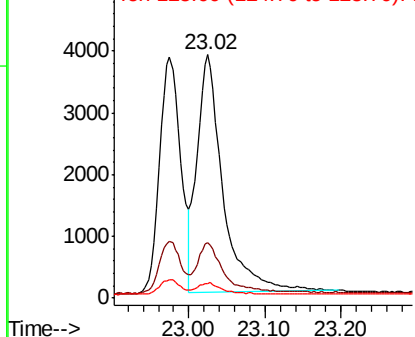


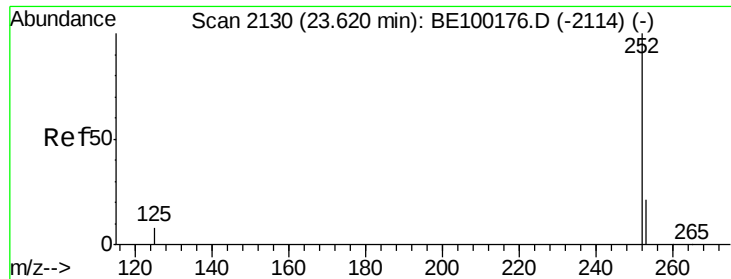
#36
Benzo(k)fluoranthene
Concen: 0.452 ng
RT: 23.02 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BE100176.D
Acq: 25 Jun 2019 11:13

Tgt Ion:252 Resp: 9205
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.2 5.0 7.4



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





#37

Benzo(a)pyrene

Concen: 0.441 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

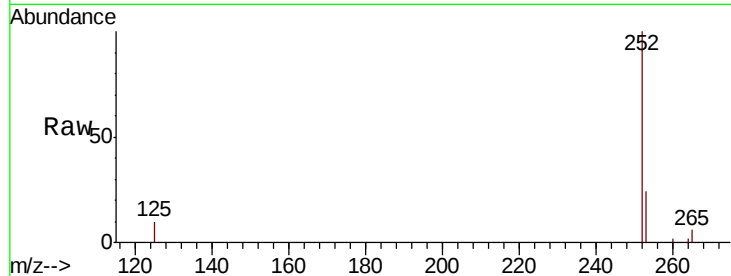
Tot Ion:252 Resp: 7692

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 10.2 8.2 12.2

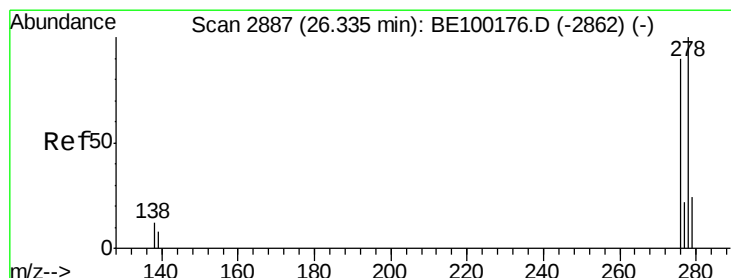
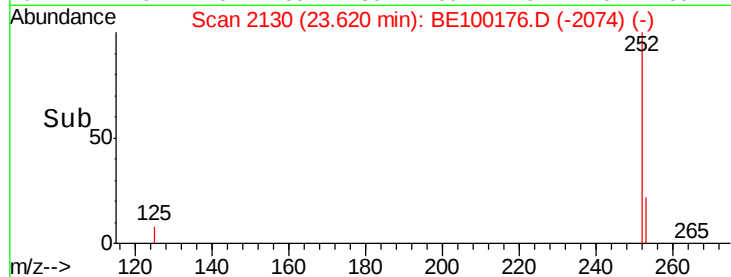
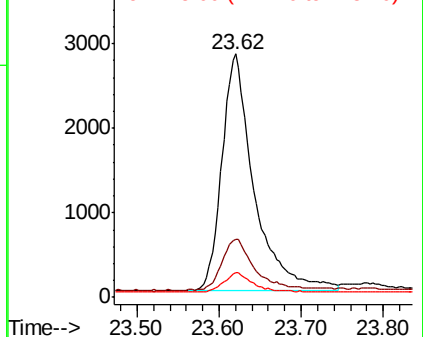


Abundance

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: 0.433 ng

RT: 26.34 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

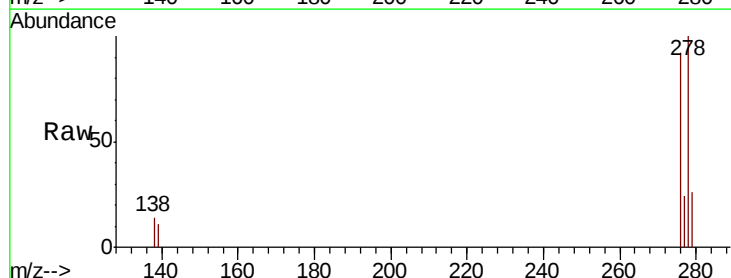
Tgt Ion:278 Resp: 7600

Ion Ratio Lower Upper

278 100

139 11.2 9.0 13.4

279 26.4 21.1 31.7

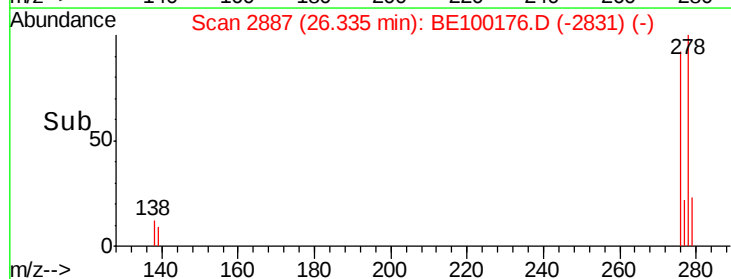
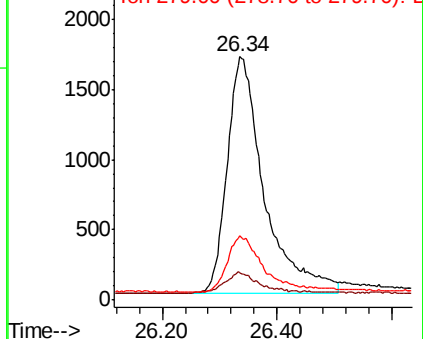


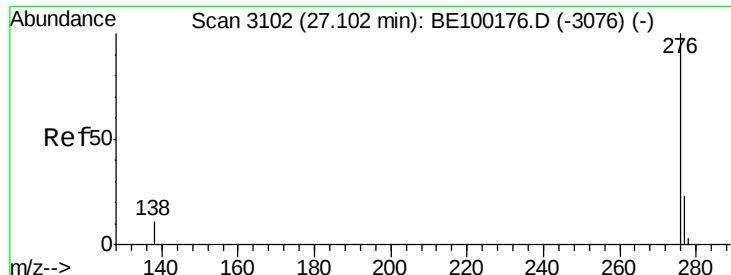
Abundance

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: 0.449 ng

RT: 27.10 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BE100176.D

Acq: 25 Jun 2019 11:13

Instrument :

BNA_E

ClientSampleId :

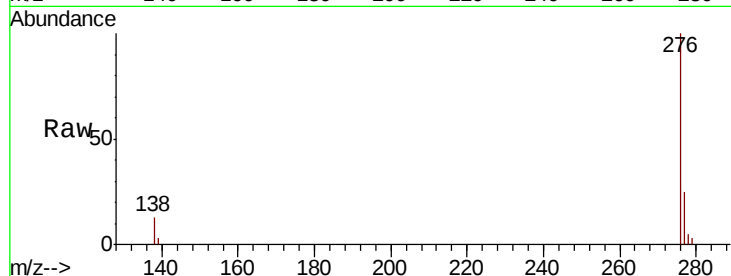
Tot Ion: 276 Resp: 8237

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 12.8 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

