

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100181.D
 Acq On : 25 Jun 2019 15:09
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 15:57:09 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	7.67	152	359	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	1294	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	943	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	2851	0.40	ng	0.01
27) Chrysene-d12	21.28	240	4668	0.40	ng	0.00
34) Perylene-d12	23.73	264	6291	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	285	0.36	ng	0.00
5) Phenol-d6	6.90	99	388	0.35	ng	0.02
8) Nitrobenzene-d5	8.86	82	444	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	954	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	186	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.99	172	1545	0.41	ng	0.01
25) Fluoranthene-d10	19.13	212	17183	0.42	ng	0.00
29) Terphenyl-d14	19.74	244	3439	0.38	ng	0.00

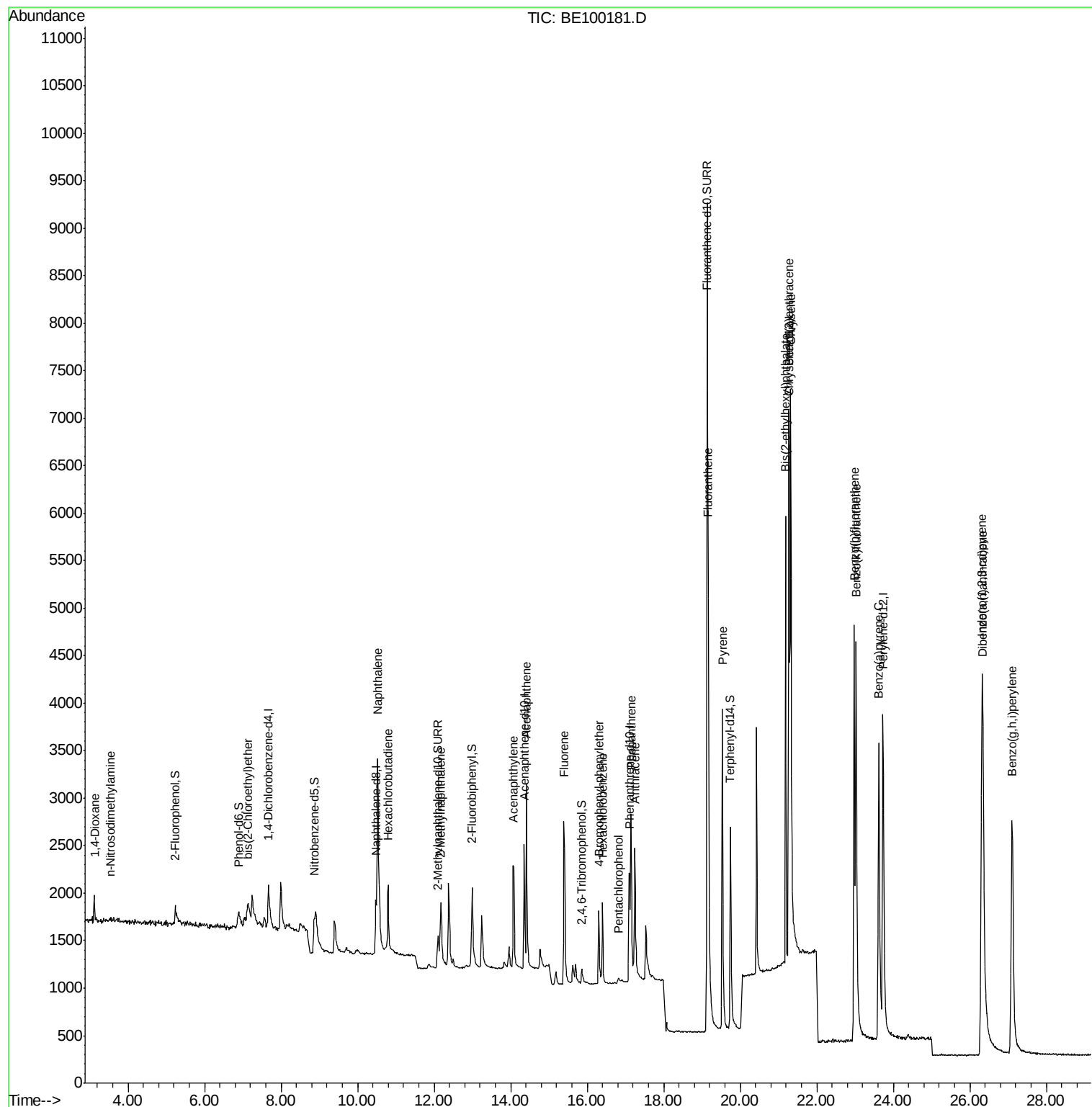
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	274	0.488	ng	98
3) n-Nitrosodimethylamine	3.53	42	40	0.192	ng	85
6) bis(2-Chloroethyl)ether	7.14	93	362	0.360	ng	# 93
9) Naphthalene	10.52	128	5622	0.398	ng	98
10) Hexachlorobutadiene	10.80	225	587	0.403	ng	98
12) 2-Methylnaphthalene	12.17	142	861	0.379	ng	99
16) Acenaphthylene	14.08	152	1854	0.403	ng	98
17) Acenaphthene	14.41	154	1048	0.407	ng	98
18) Fluorene	15.39	166	1479	0.397	ng	96
20) 4-Bromophenyl-phenylether	16.30	248	708	0.400	ng	97
21) Hexachlorobenzene	16.40	284	796	0.410	ng	99
22) Pentachlorophenol	16.83	266	124	0.461	ng	98
23) Phenanthrene	17.15	178	2774	0.411	ng	99
24) Anthracene	17.24	178	2169	0.380	ng	99
26) Fluoranthene	19.17	202	4630	0.421	ng	100
28) Pyrene	19.53	202	4561	0.382	ng	100
30) Benzo(a)anthracene	21.27	228	5284	0.384	ng	98
31) Chrysene	21.32	228	6625	0.410	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	5474	0.346	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.31	276	8984	0.391	ng	# 96
35) Benzo(b)fluoranthene	22.98	252	6643	0.393	ng	99
36) Benzo(k)fluoranthene	23.03	252	8207	0.405	ng	99
37) Benzo(a)pyrene	23.62	252	6948	0.396	ng	98
38) Dibenzo(a,h)anthracene	26.34	278	6983	0.372	ng	98
39) Benzo(g,h,i)perylene	27.10	276	7605	0.388	ng	99

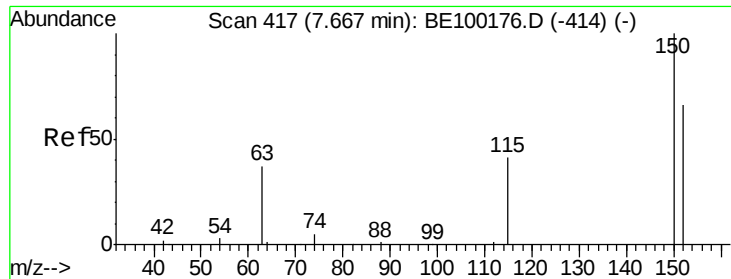
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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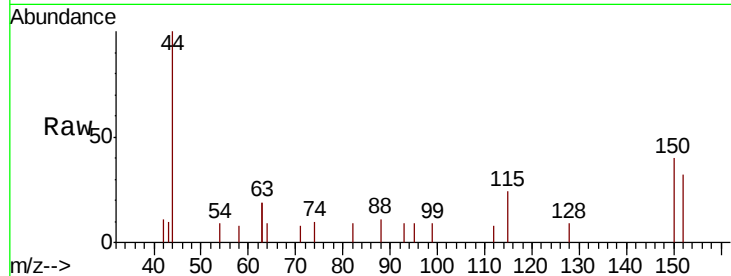


#1

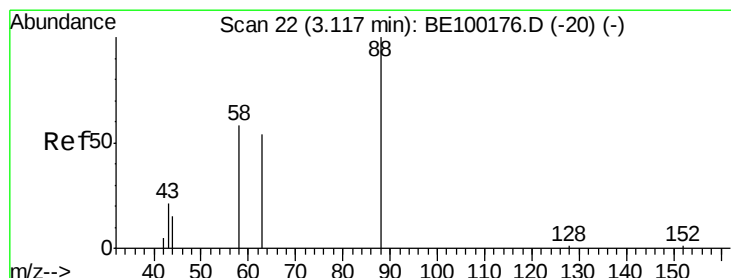
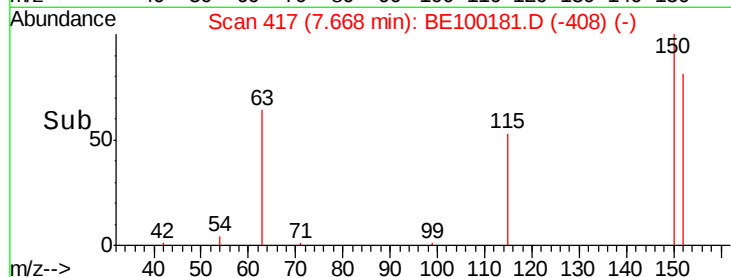
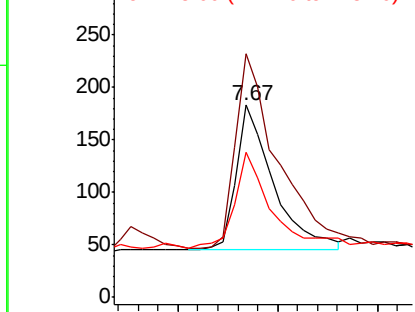
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 359
Ion Ratio Lower Upper
152 100
150 126.8 113.4 170.2
115 75.4 55.8 83.6



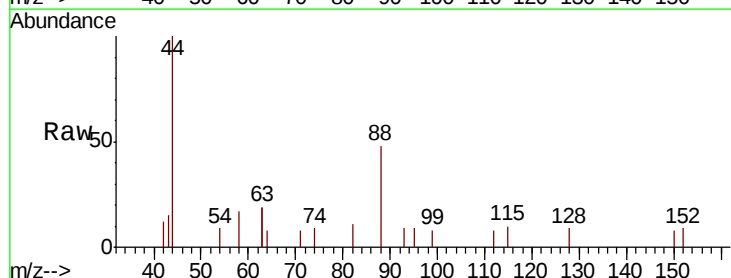
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



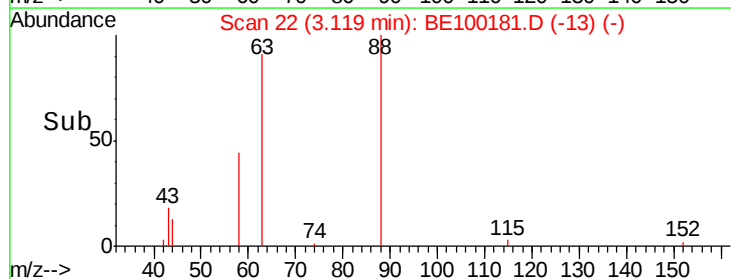
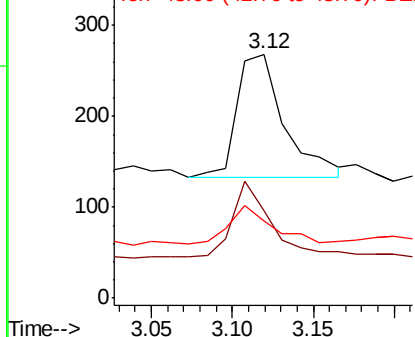
#2

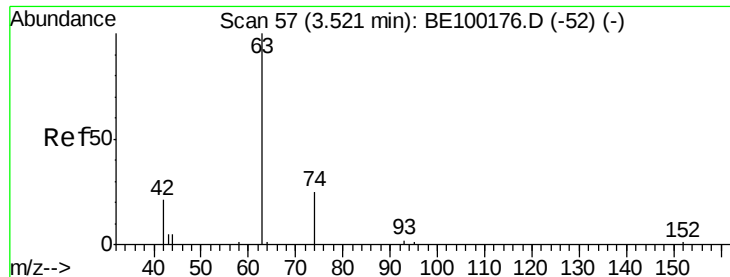
1,4-Dioxane
Concen: 0.488 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
58 54.4 43.8 65.6
43 26.3 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: 0.192 ng

RT: 3.53 min Scan# 58

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampleId :

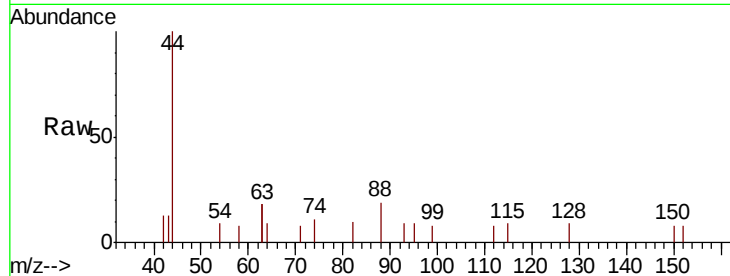
Tot Ion: 42 Resp: 40

Ion Ratio Lower Upper

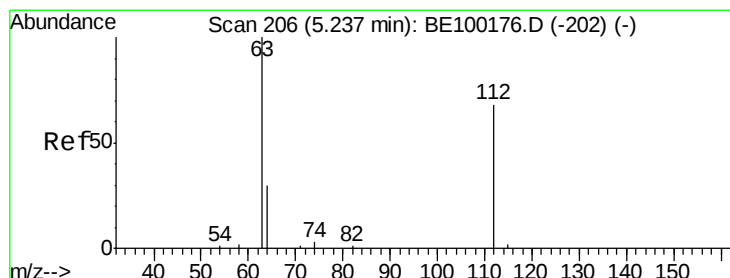
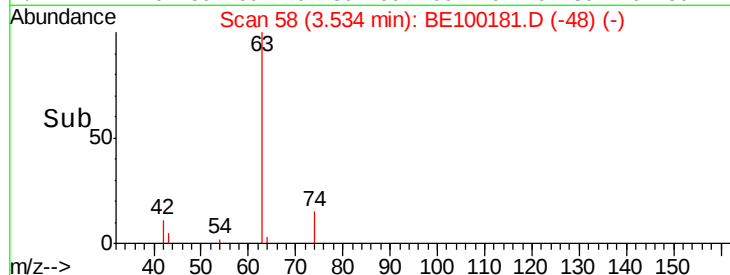
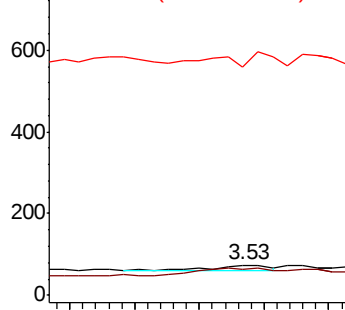
42 100

74 215.0 193.2 289.8

44 125.0 114.5 171.7



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: 0.357 ng

RT: 5.24 min Scan# 206

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

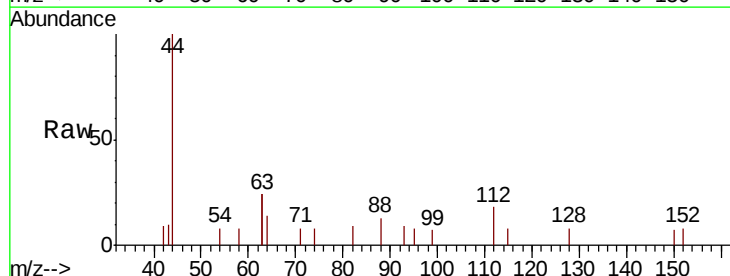
Tgt Ion: 112 Resp: 285

Ion Ratio Lower Upper

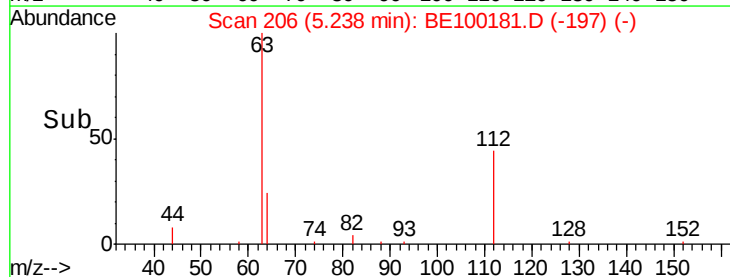
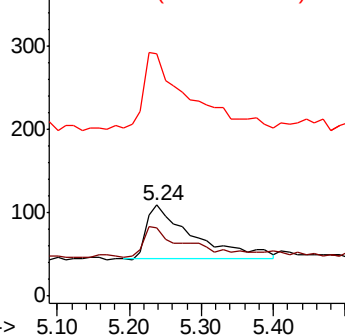
112 100

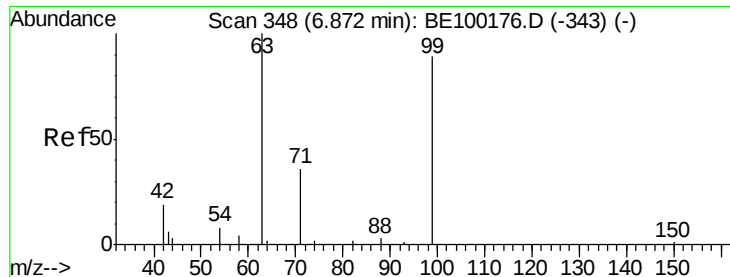
64 55.1 40.7 61.1

63 143.2 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: 0.353 ng

RT: 6.90 min Scan# 350

Delta R.T. 0.02 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampled :

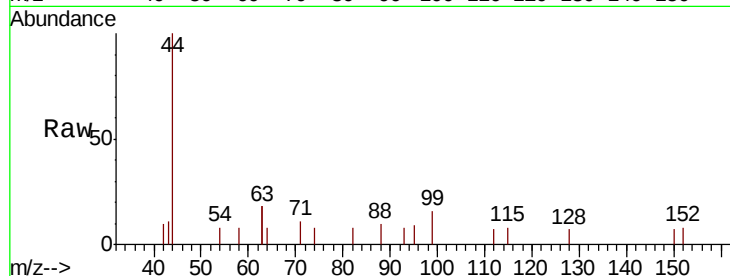
Tot Ion: 99 Resp: 388

Ion Ratio Lower Upper

99 100

42 0.0 10.4 15.6#

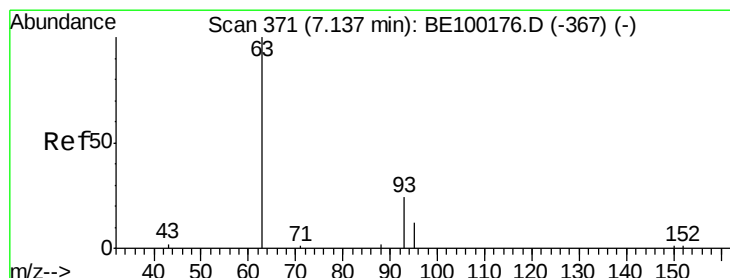
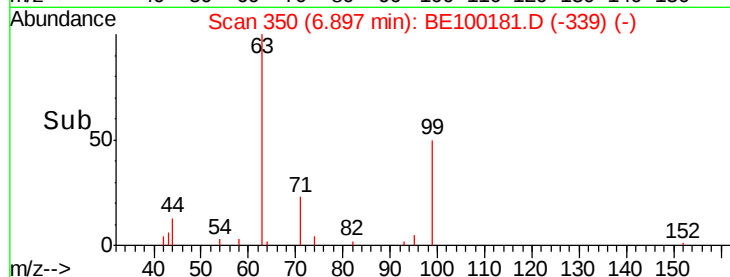
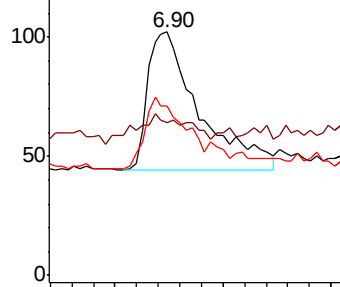
71 0.0 32.4 48.6#



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: 0.360 ng

RT: 7.14 min Scan# 371

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

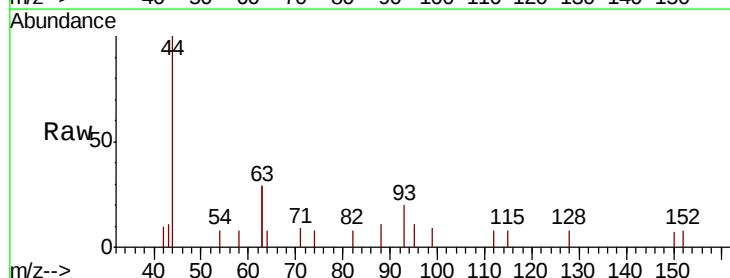
Tgt Ion: 93 Resp: 362

Ion Ratio Lower Upper

93 100

63 189.0 0.0 0.0#

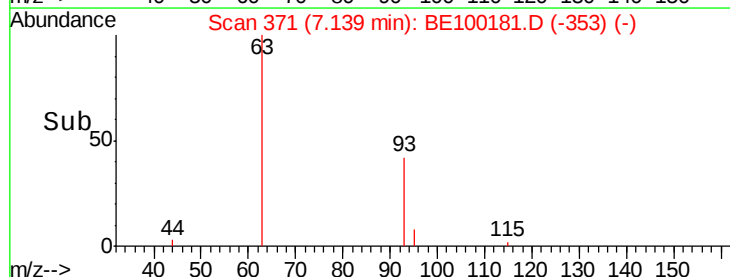
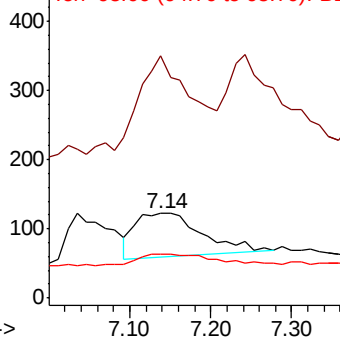
95 30.1 21.0 31.6

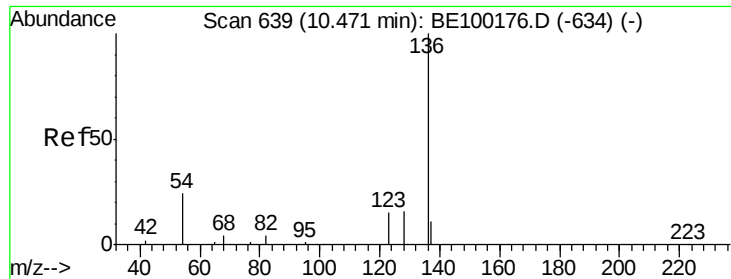


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1294

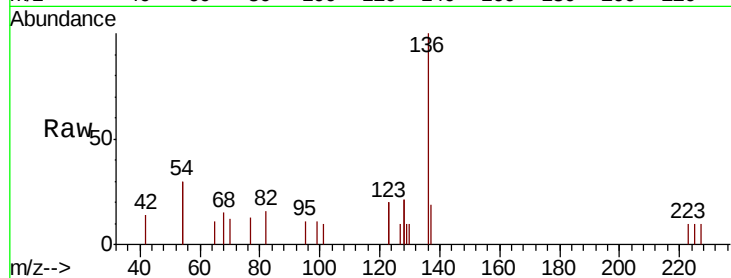
Ion Ratio Lower Upper

136 100

137 19.1 13.8 20.8

54 59.9 35.4 53.2#

68 14.6 8.8 13.2#

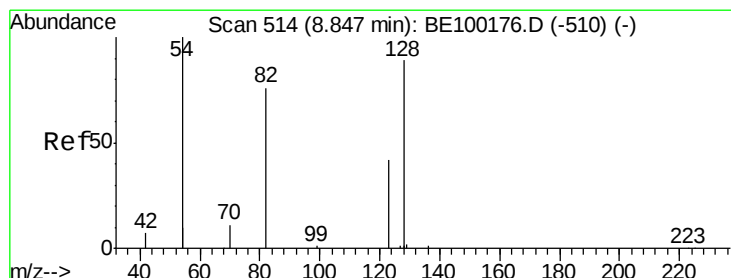
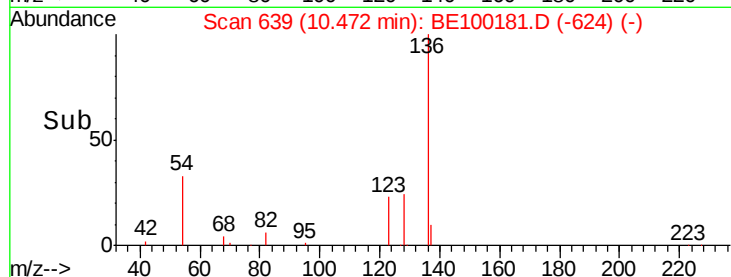
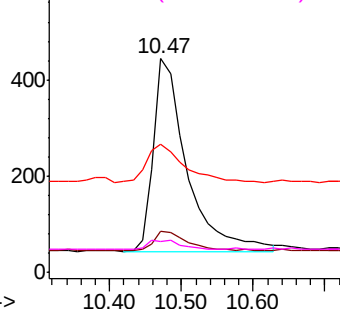


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.86 min Scan# 515

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

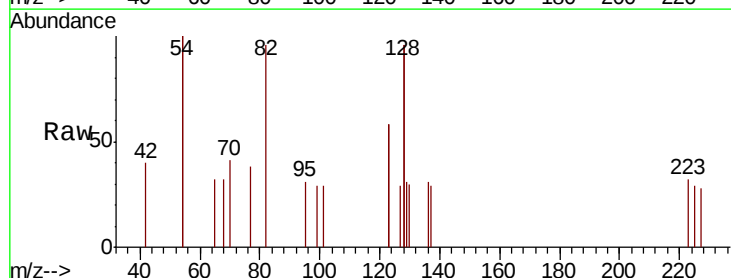
Tgt Ion: 82 Resp: 444

Ion Ratio Lower Upper

82 100

128 200.0 144.6 217.0

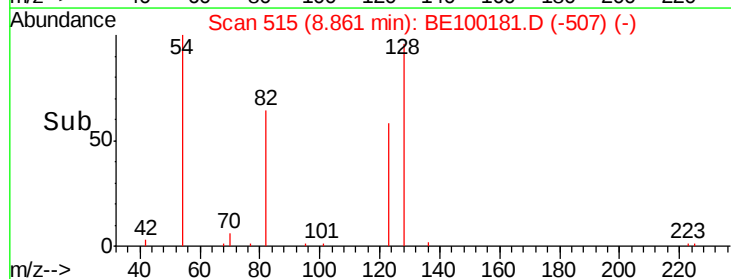
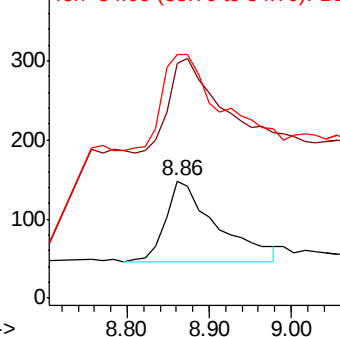
54 208.1 163.0 244.6

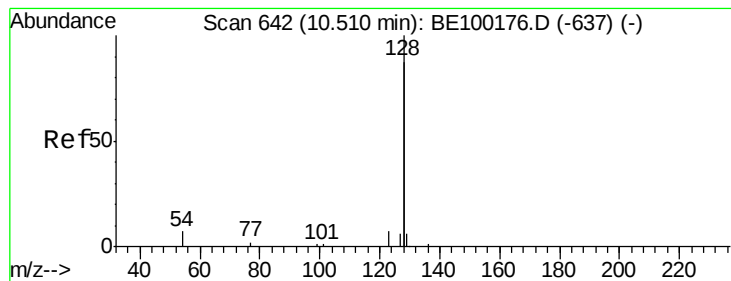


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.398 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampled :

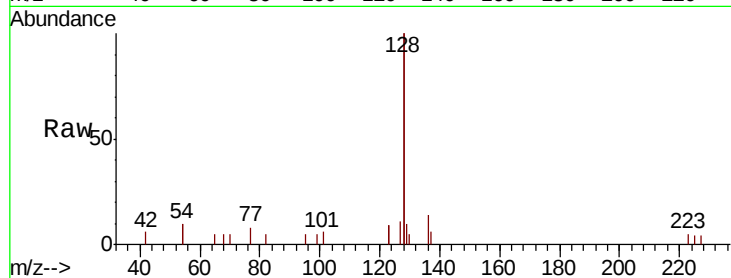
Tot Ion:128 Resp: 5622

Ion Ratio Lower Upper

128 100

129 4.8 3.6 5.4

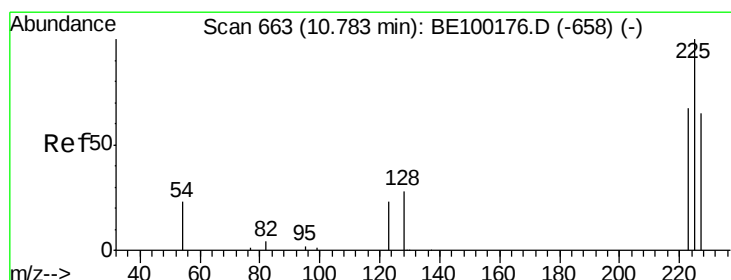
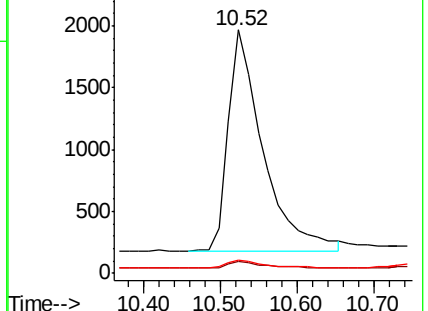
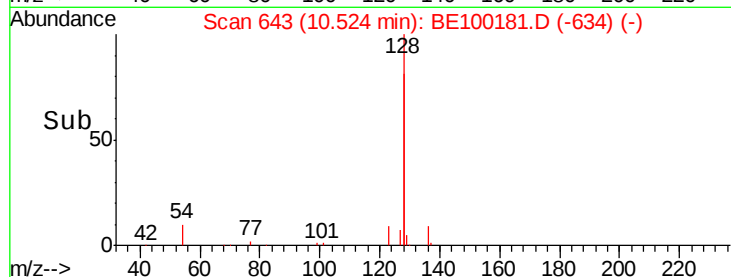
127 5.6 3.8 5.8



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



#10

Hexachlorobutadiene

Concen: 0.403 ng

RT: 10.80 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

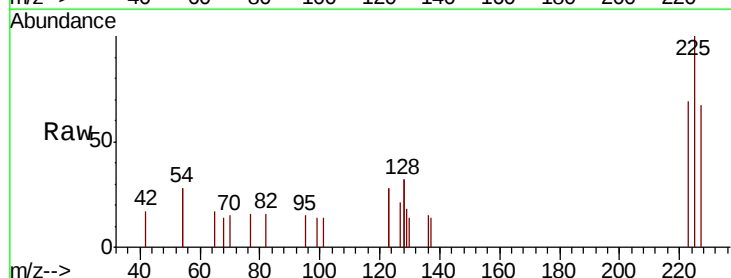
Tgt Ion:225 Resp: 587

Ion Ratio Lower Upper

225 100

223 65.2 50.1 75.1

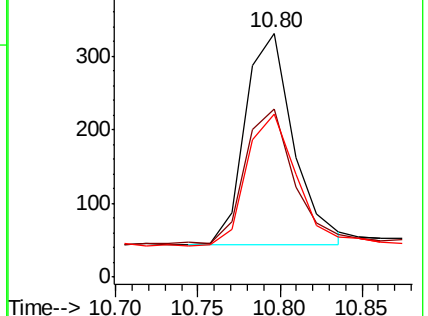
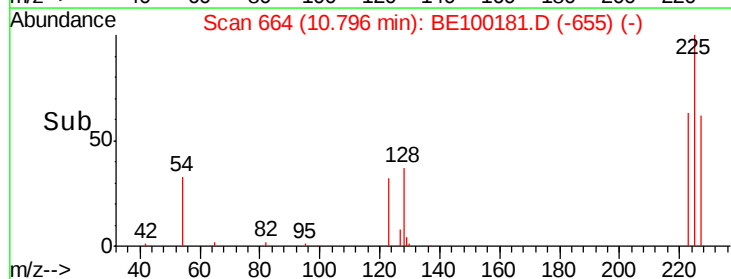
227 63.7 50.9 76.3

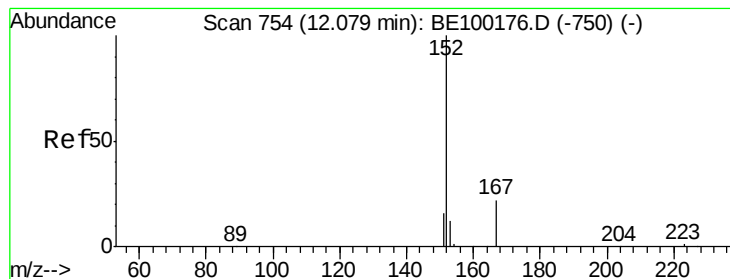


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.09 min Scan# 755

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

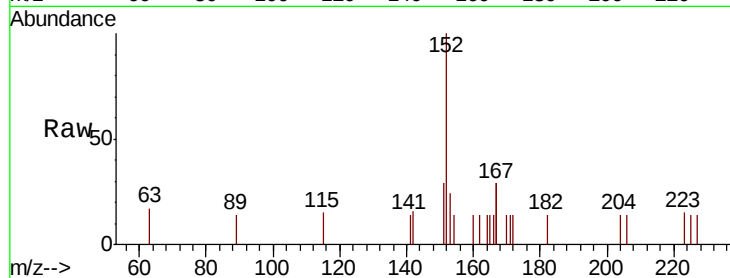
ClientSampleId :

Tot Ion:152 Resp: 954

Ion Ratio Lower Upper

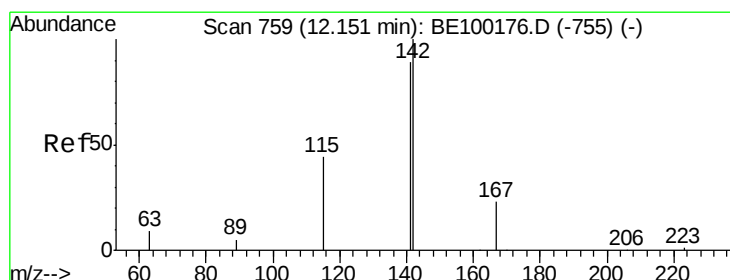
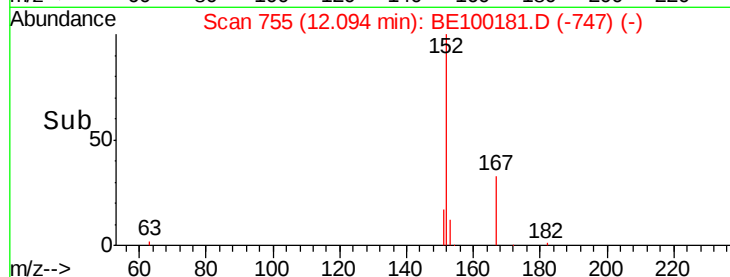
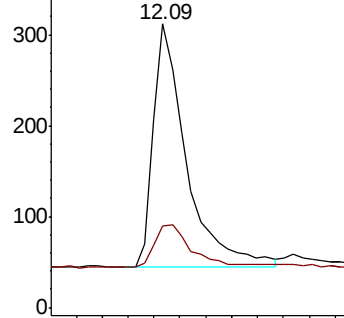
152 100

151 19.8 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: 0.379 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

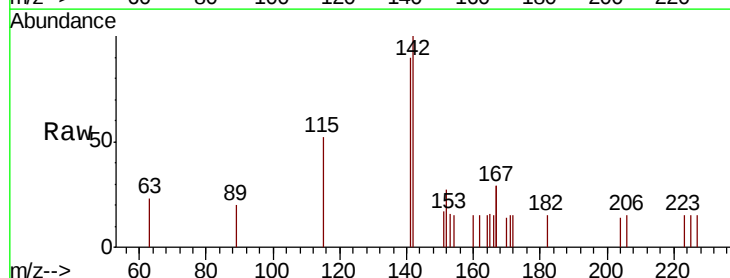
Tgt Ion:142 Resp: 861

Ion Ratio Lower Upper

142 100

141 89.8 71.8 107.8

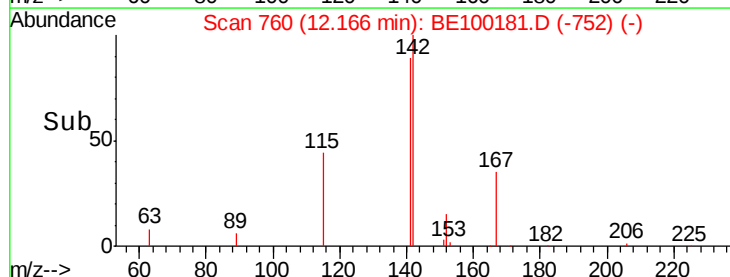
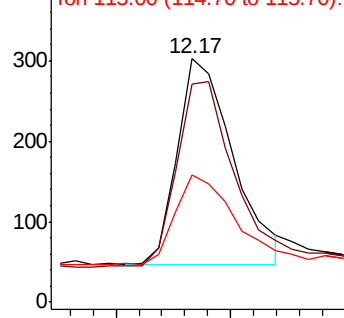
115 52.1 40.4 60.6

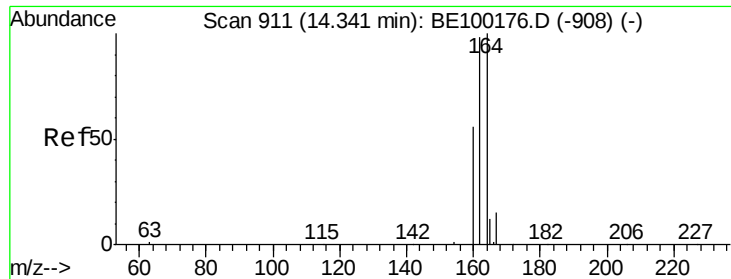


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

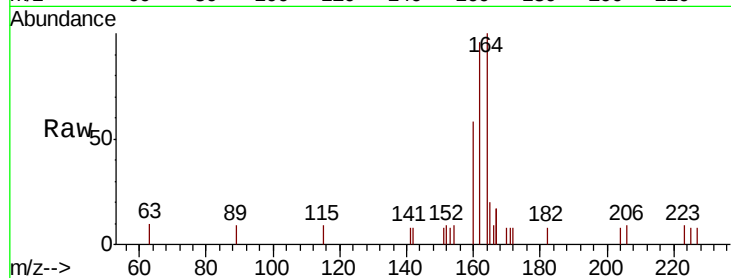




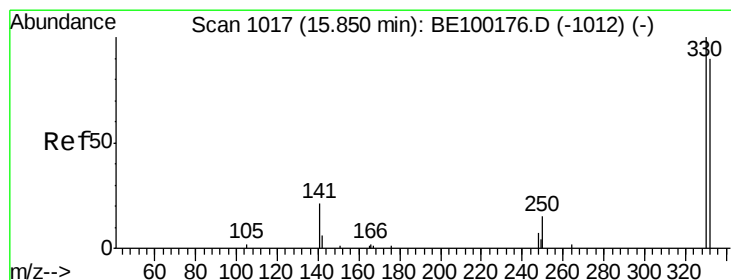
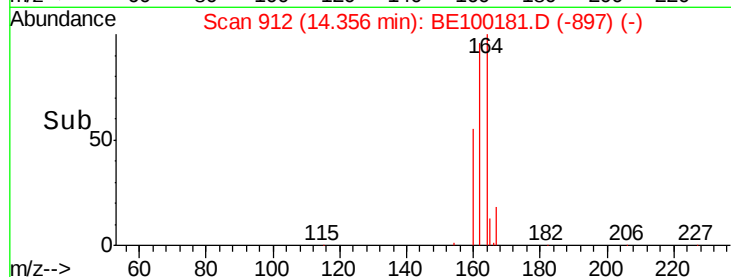
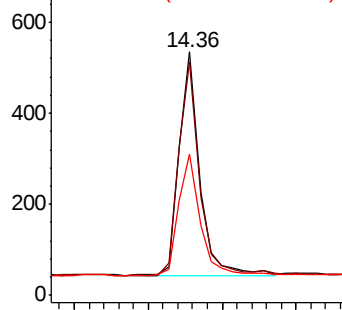
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 943
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.6 118.0
 160 58.1 46.9 70.3

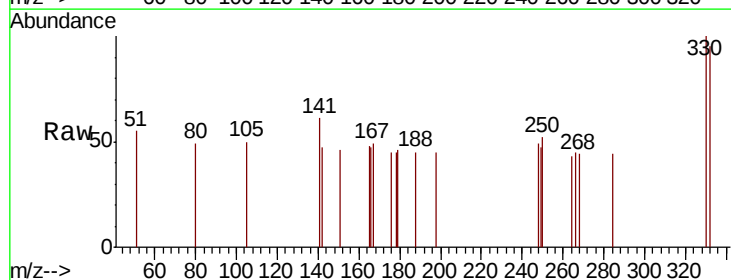


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

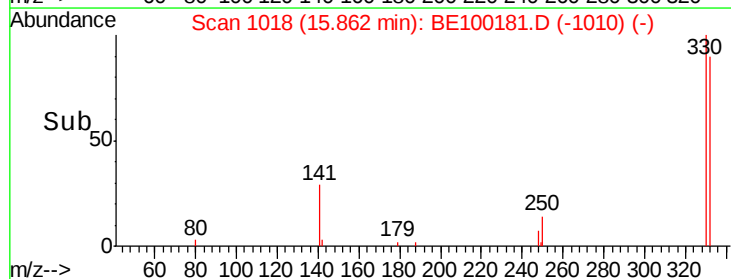
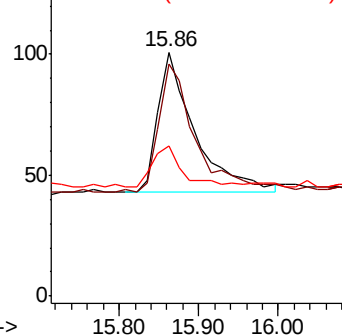


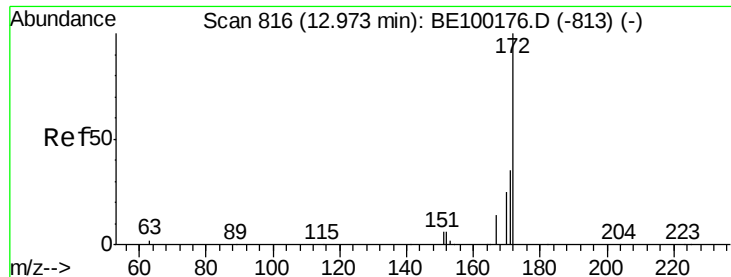
#14
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

Tgt Ion:330 Resp: 186
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.7 116.5
 141 25.3 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

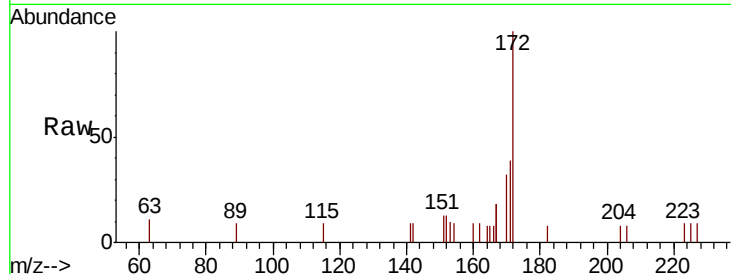




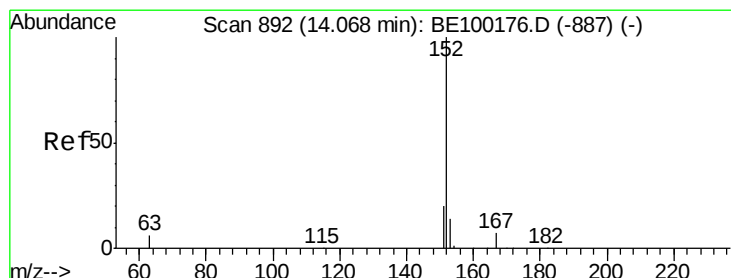
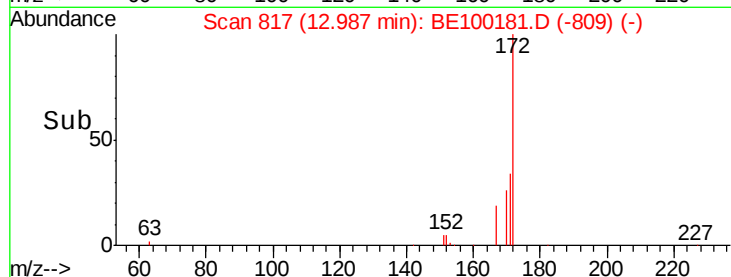
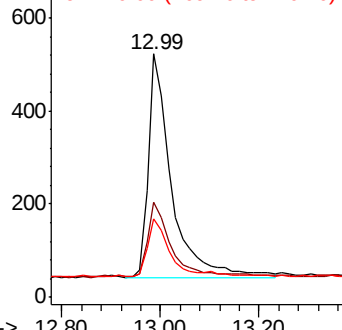
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1545
Ion Ratio Lower Upper
172 100
171 39.2 31.0 46.4
170 32.1 23.9 35.9

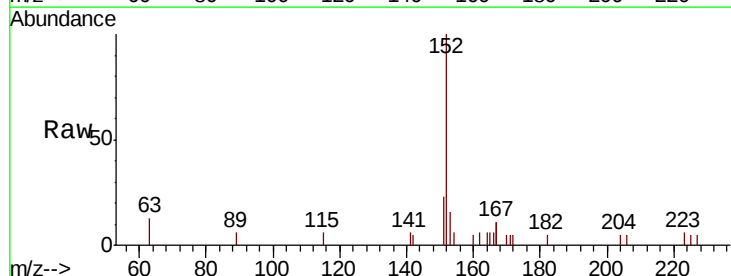


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

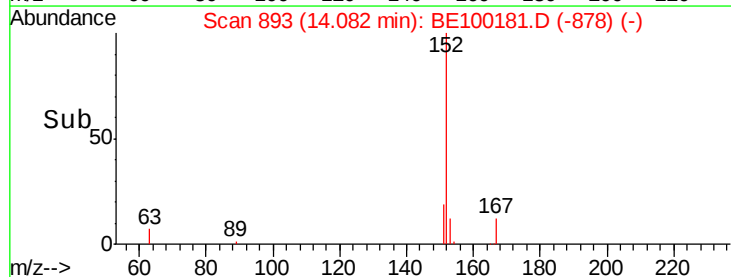
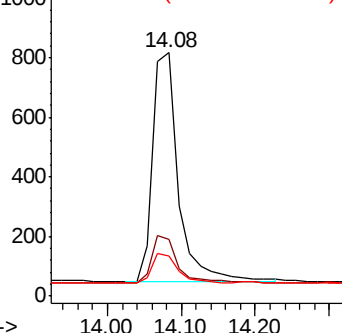


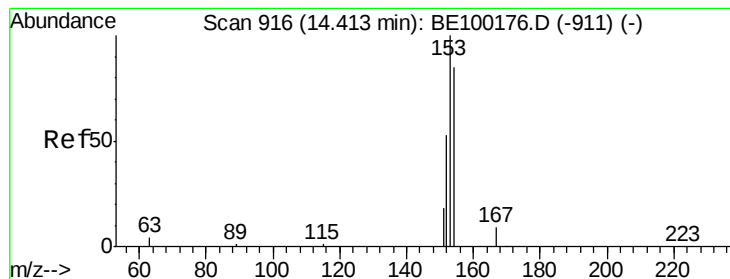
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.01 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Tgt Ion:152 Resp: 1854
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 12.6 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: 0.407 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampleId :

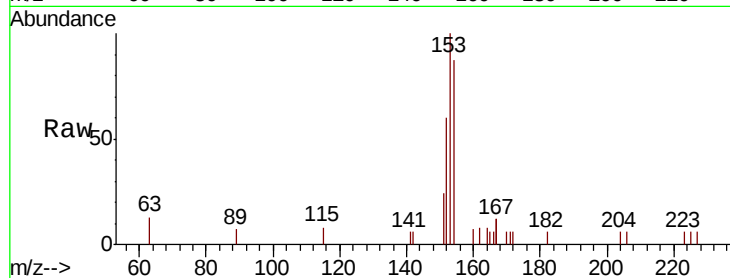
Tot Ion:154 Resp: 1048

Ion Ratio Lower Upper

154 100

153 119.8 95.3 142.9

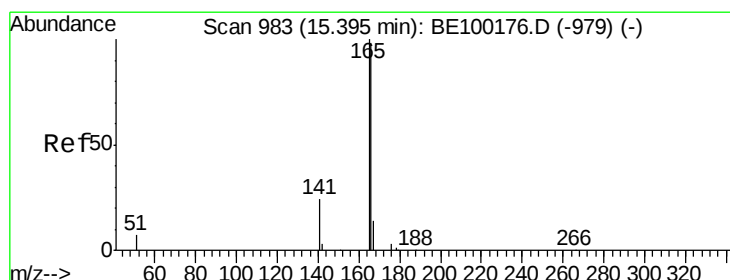
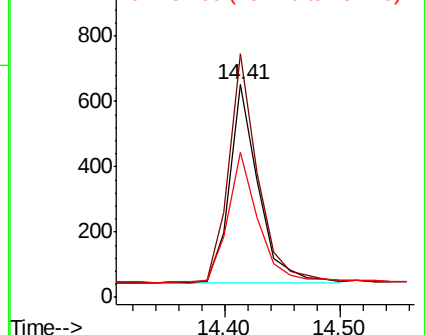
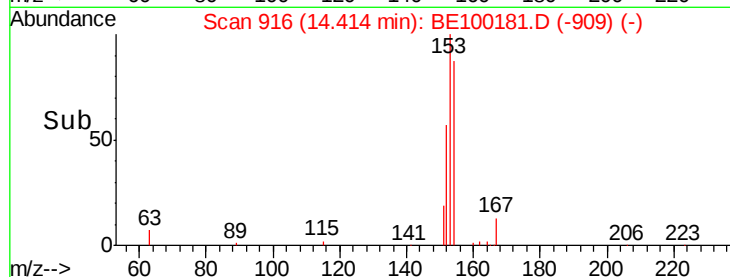
152 69.4 52.9 79.3



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: 0.397 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

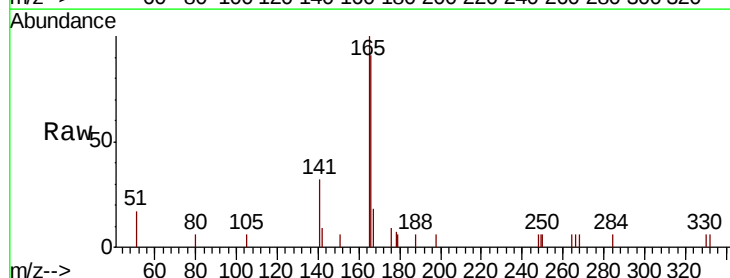
Tgt Ion:166 Resp: 1479

Ion Ratio Lower Upper

166 100

165 105.3 81.0 121.4

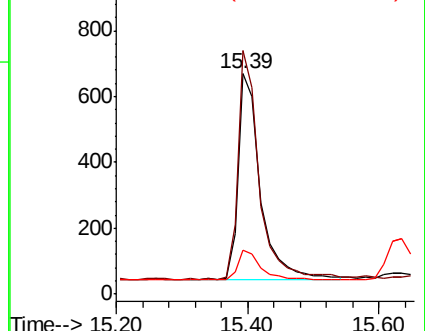
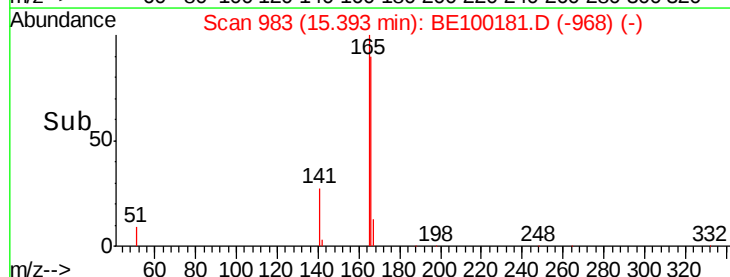
167 14.7 11.4 17.0

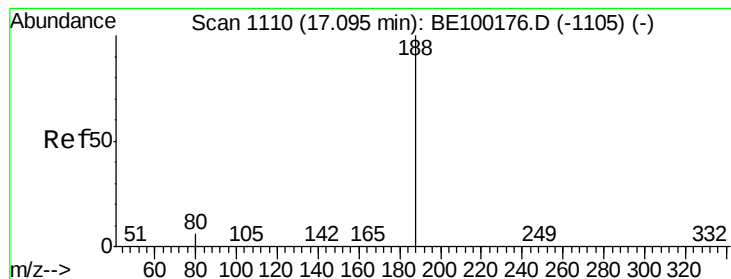


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampled :

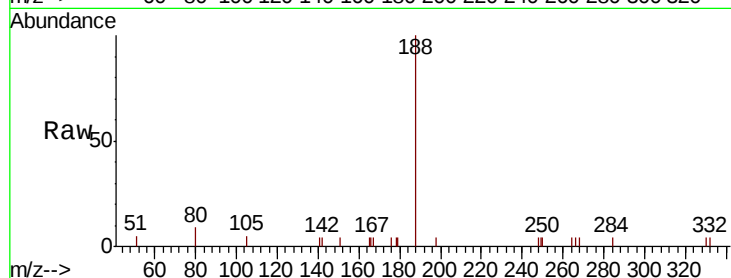
Tot Ion:188 Resp: 2851

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

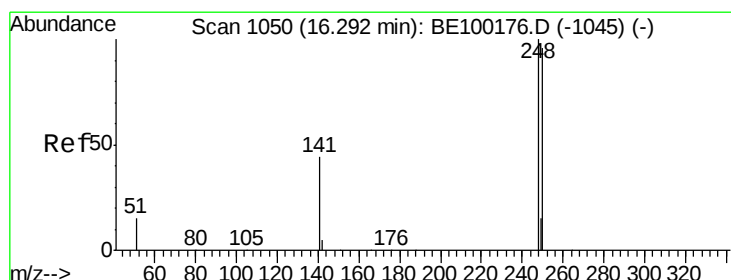
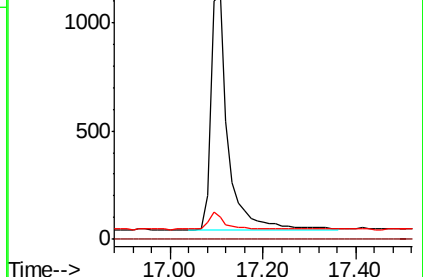
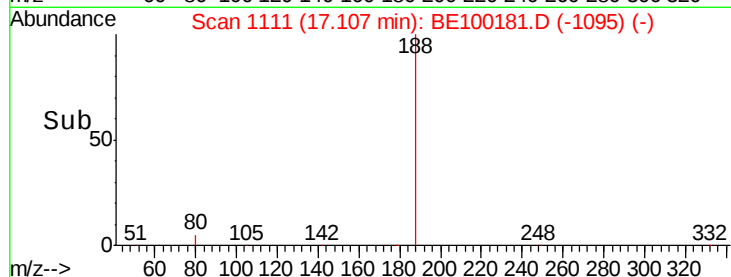
80 8.9 6.4 9.6



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



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

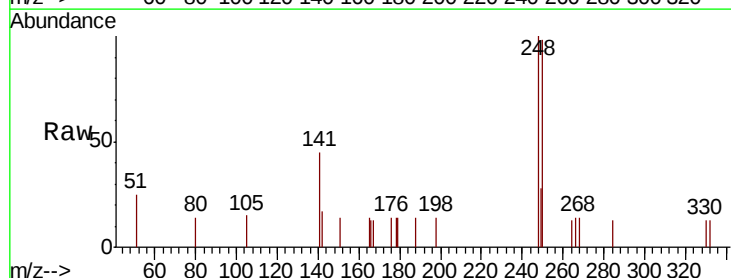
Tgt Ion:248 Resp: 708

Ion Ratio Lower Upper

248 100

250 98.2 77.1 115.7

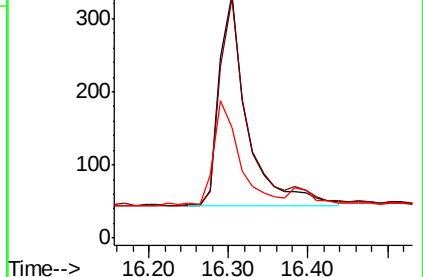
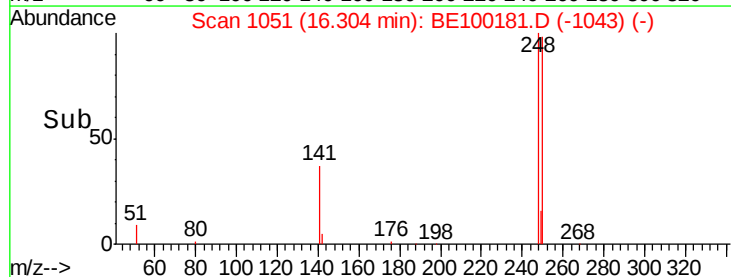
141 45.3 39.5 59.3

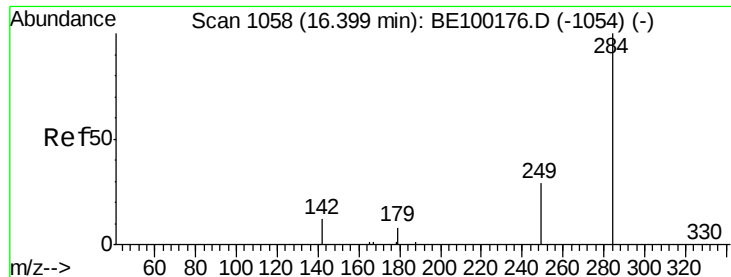


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100181.D

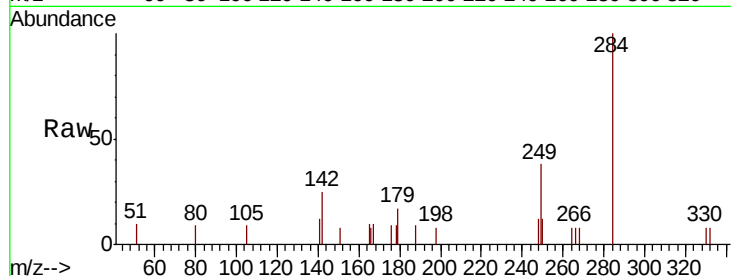
Acq: 25 Jun 2019 15:09

Instrument :

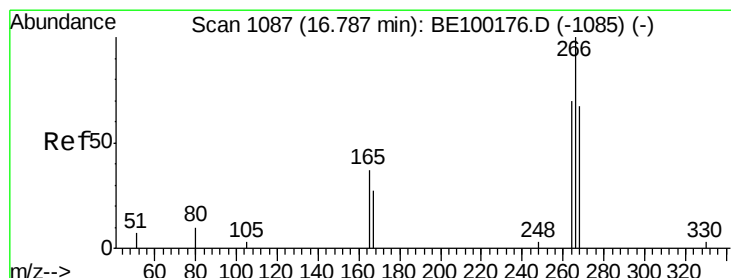
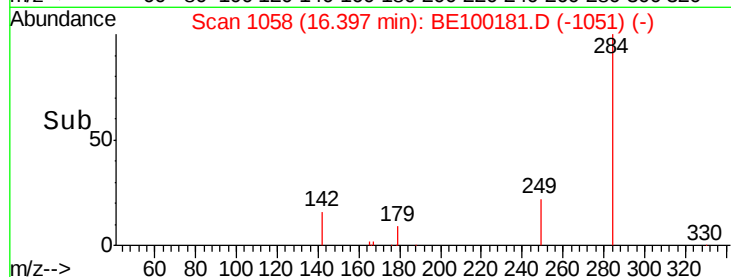
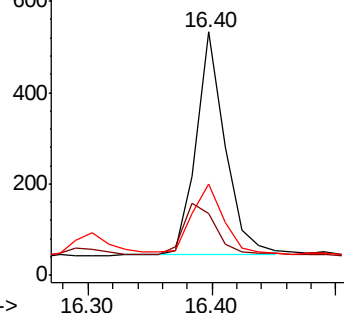
BNA_E

ClientSampleId :

Tot	Ion:284	Resp:	796
Ion	Ratio	Lower	Upper
284	100		
142	24.4	20.1	30.1
249	32.9	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: 0.461 ng

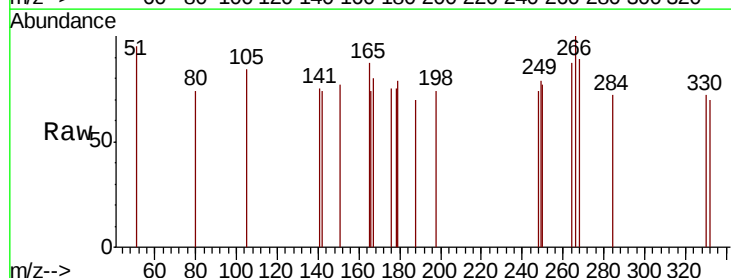
RT: 16.83 min Scan# 1090

Delta R.T. 0.04 min

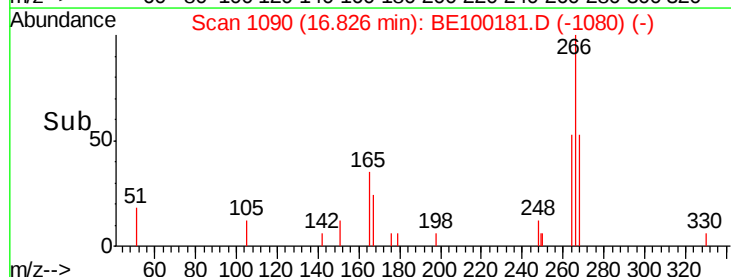
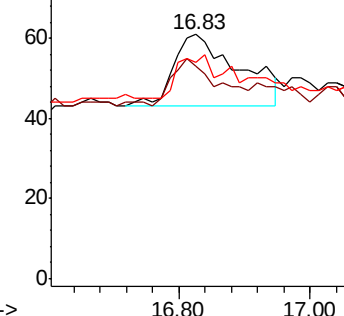
Lab File: BE100181.D

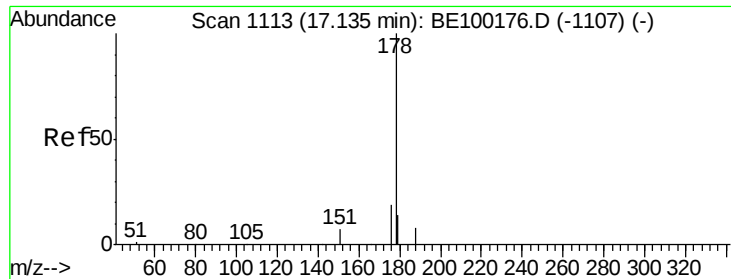
Acq: 25 Jun 2019 15:09

Tgt	Ion:266	Resp:	124
Ion	Ratio	Lower	Upper
266	100		
264	86.9	67.7	101.5
268	88.5	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

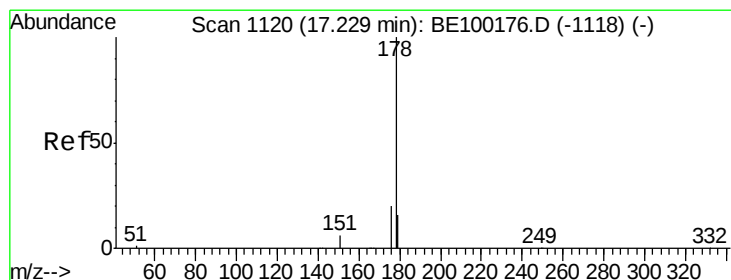
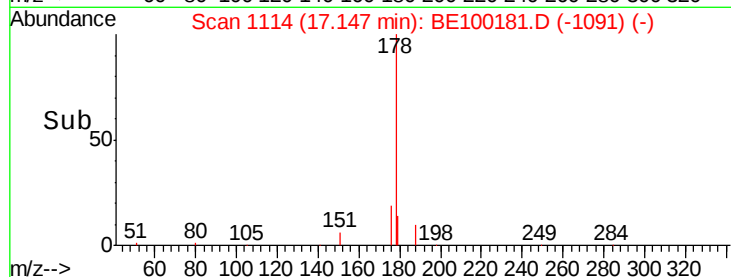
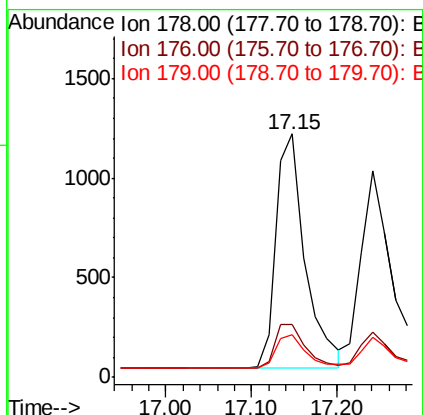
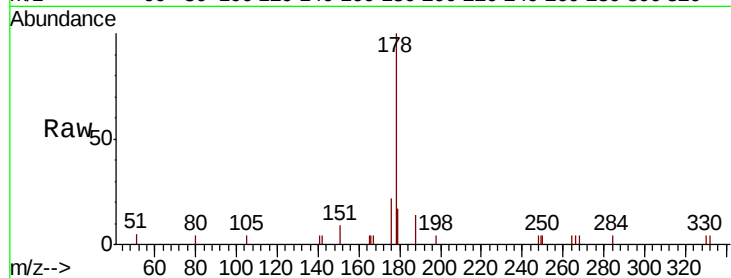




#23
Phenanthrene
Concen: 0.411 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

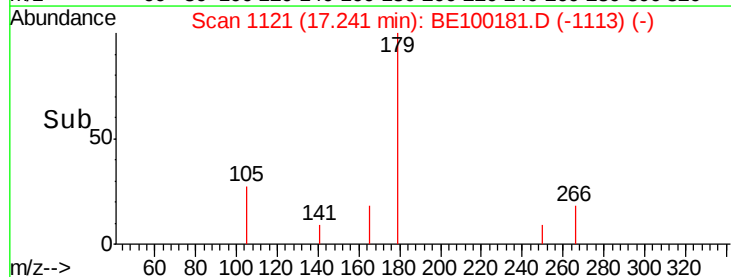
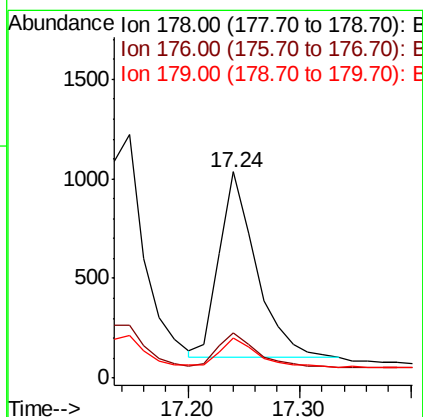
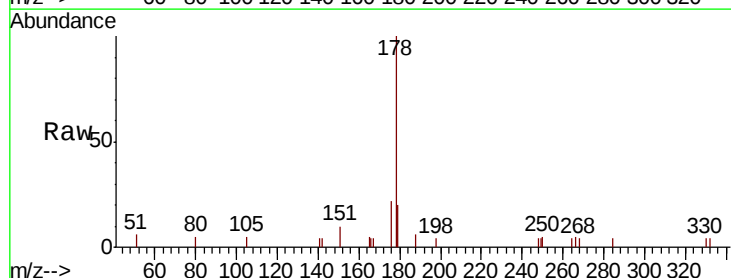
Instrument :
BNA_E
ClientSampleId :

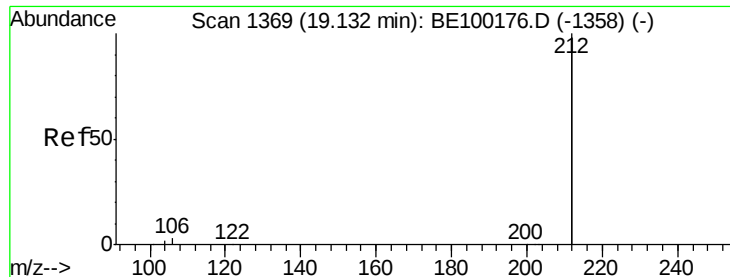
Tot Ion:178 Resp: 2774
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 14.9 12.2 18.2



#24
Anthracene
Concen: 0.380 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Tgt Ion:178 Resp: 2169
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.9 12.9 19.3

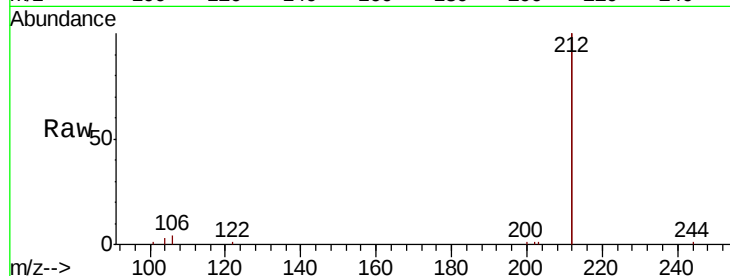




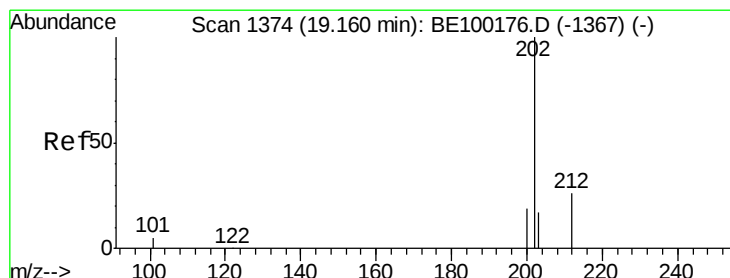
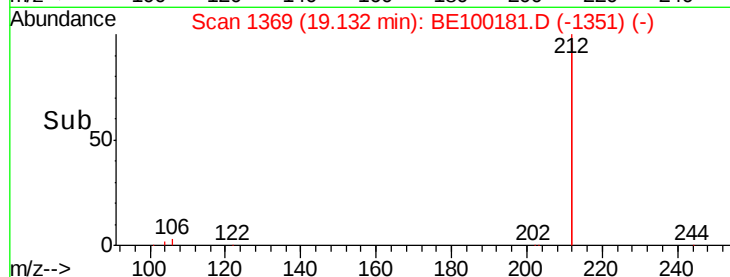
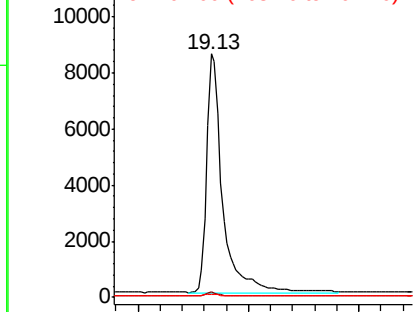
#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 19.13 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 17183
 Ion Ratio Lower Upper
 212 100
 106 1.4 1.3 1.9
 104 0.9 0.7 1.1

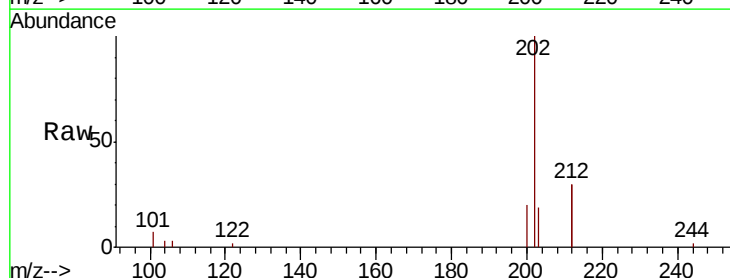


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

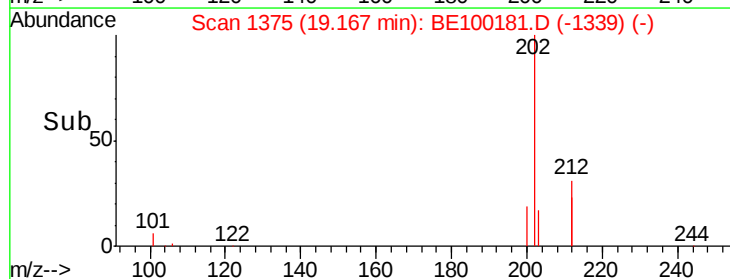
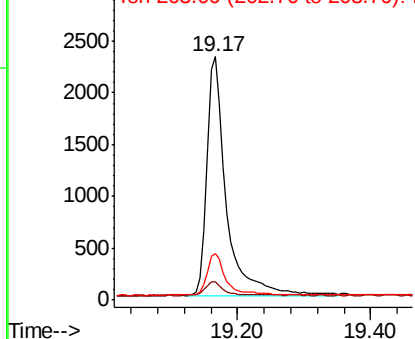


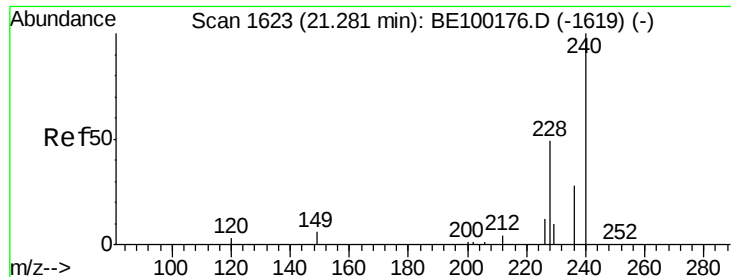
#26
 Fluoranthene
 Concen: 0.421 ng
 RT: 19.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

Tgt Ion:202 Resp: 4630
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.5 6.7
 203 17.0 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

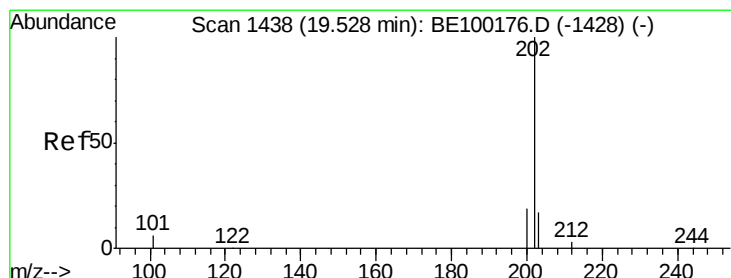
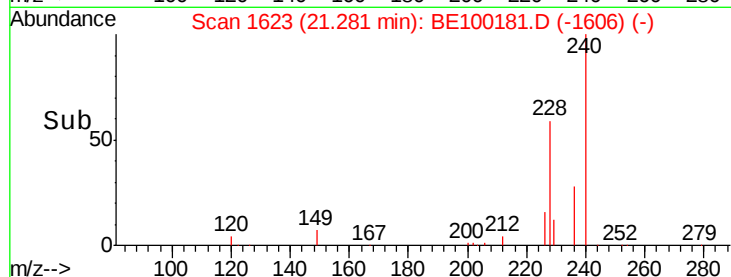
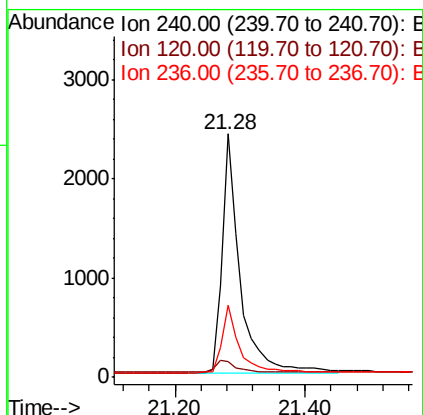
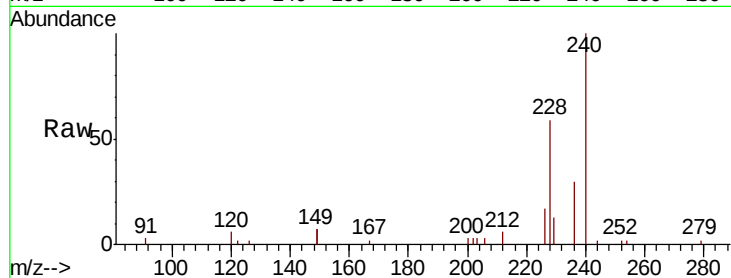




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

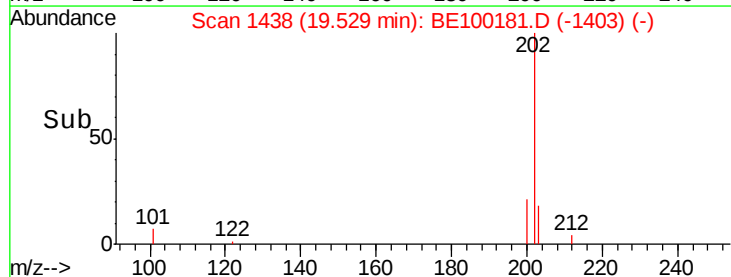
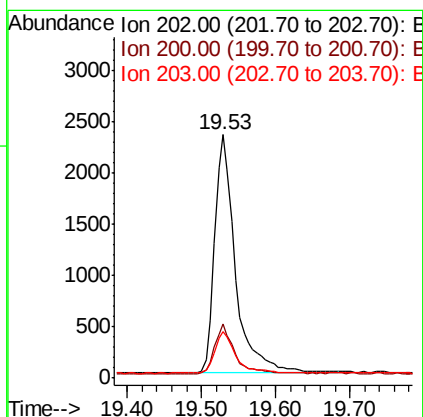
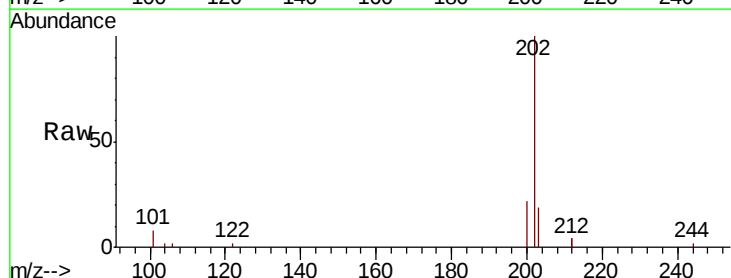
Instrument :
BNA_E
ClientSampleId :

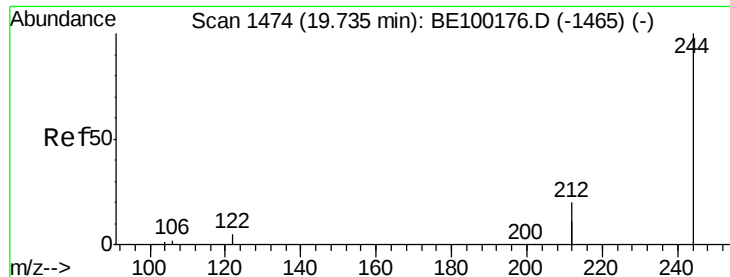
Tot Ion:240 Resp: 4668
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 29.6 23.0 34.6



#28
Pyrene
Concen: 0.382 ng
RT: 19.53 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Tgt Ion:202 Resp: 4561
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampled :

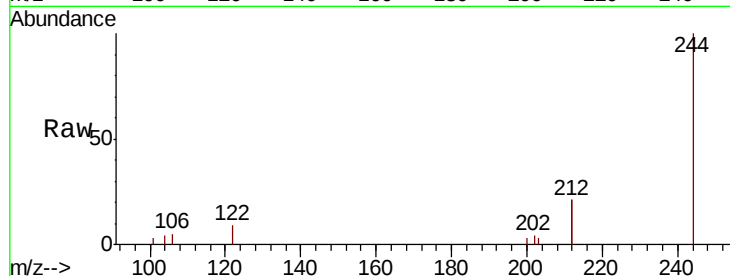
Tot Ion:244 Resp: 3439

Ion Ratio Lower Upper

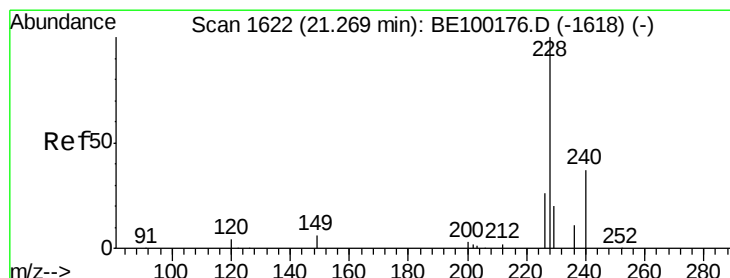
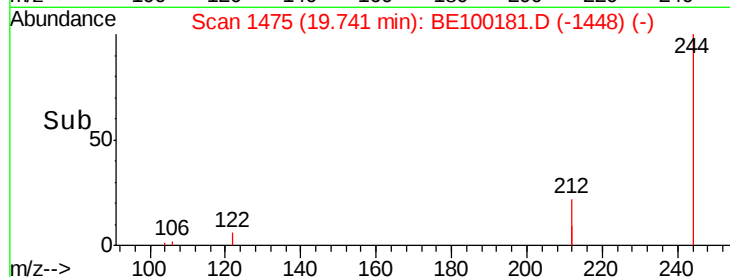
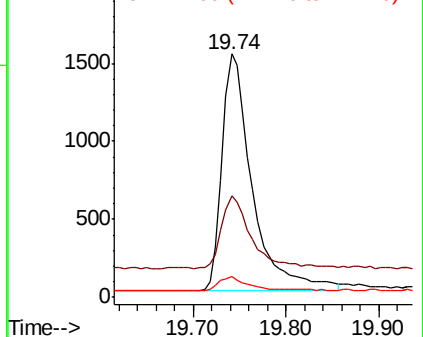
244 100

212 41.9 30.7 46.1

122 8.6 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: 0.384 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

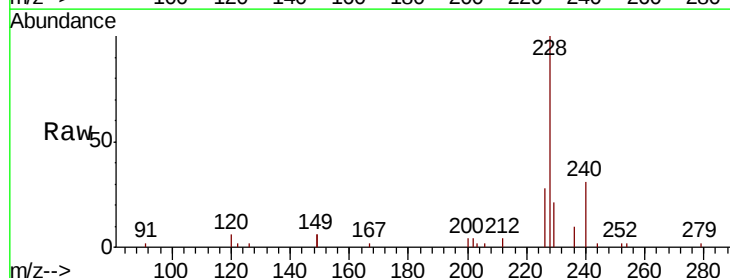
Tgt Ion:228 Resp: 5284

Ion Ratio Lower Upper

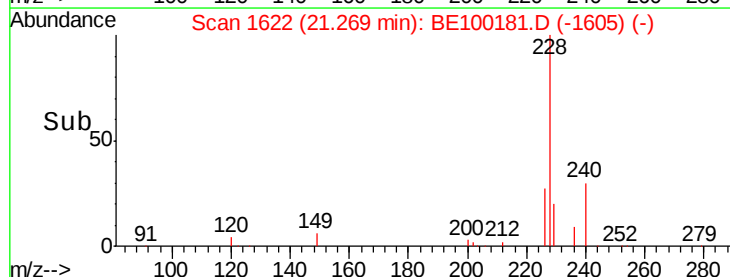
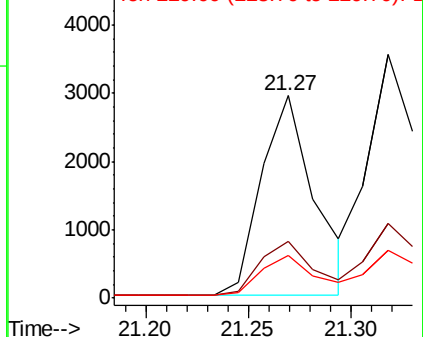
228 100

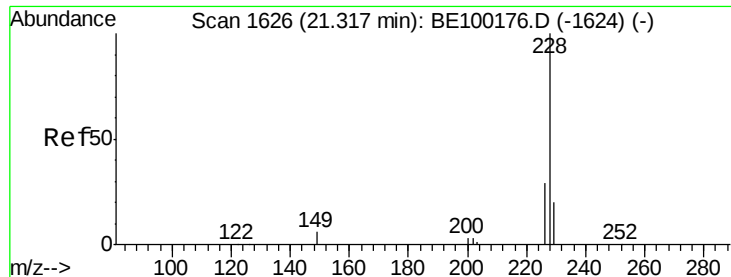
226 27.8 21.5 32.3

229 20.9 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: 0.410 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

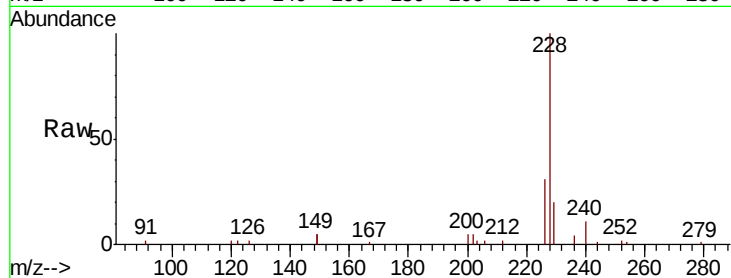
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 6625

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.7	16.5	24.7

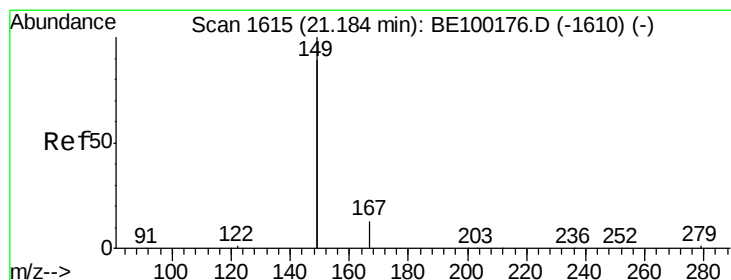
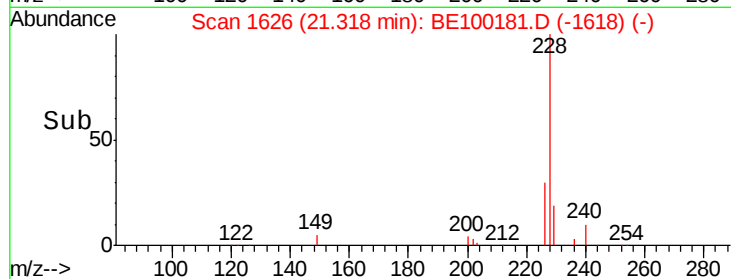
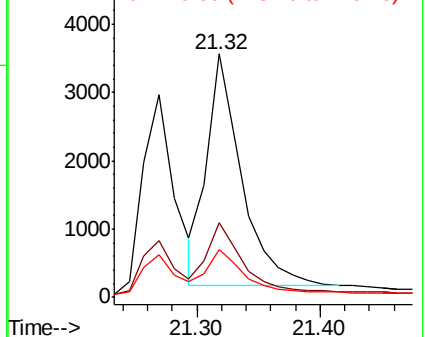


Abundance

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: 0.346 ng

RT: 21.18 min Scan# 1615

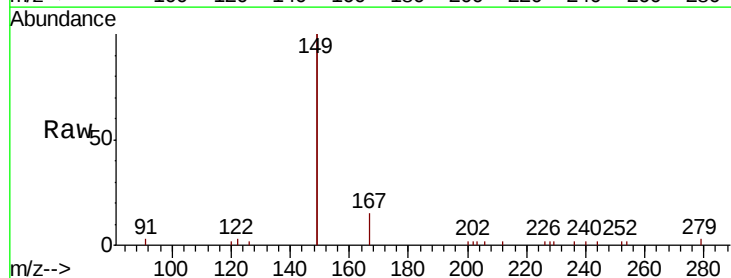
Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Tgt Ion:149 Resp: 5474

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.9	8.9
279	1.7	1.0	1.6#

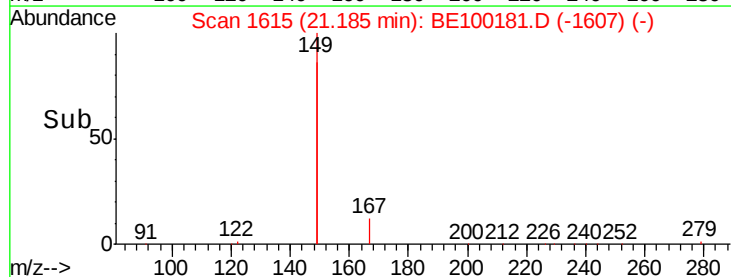
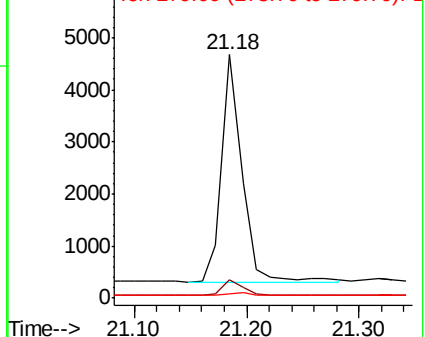


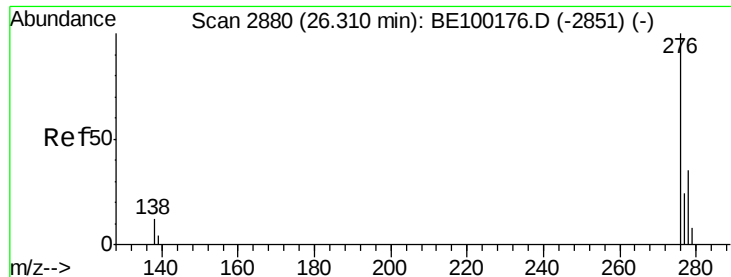
Abundance

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

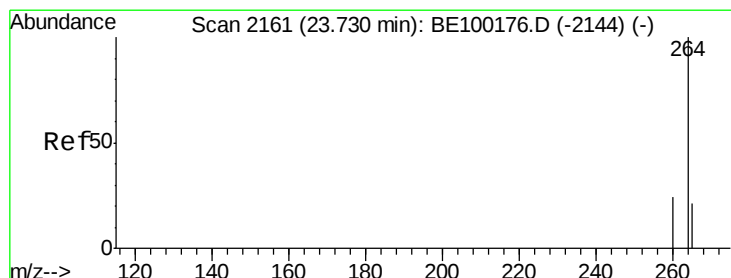
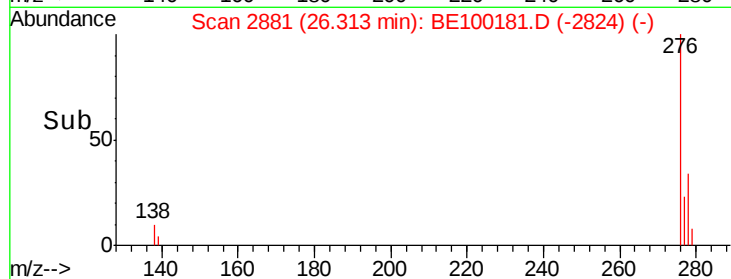
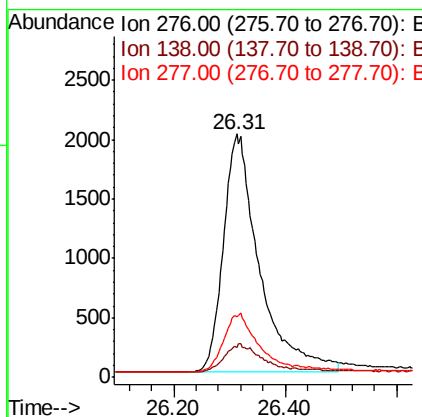
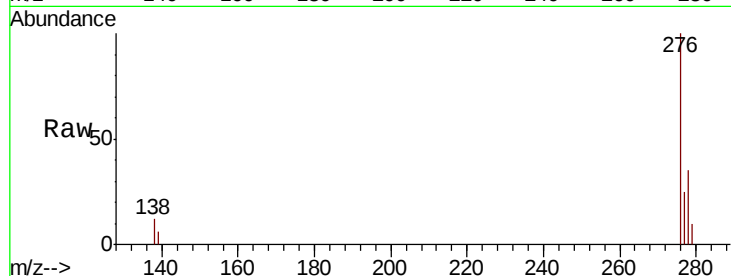




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.31 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

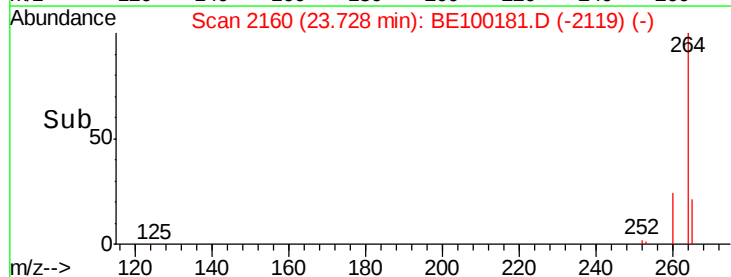
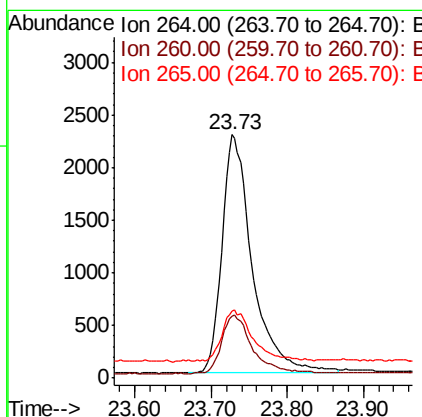
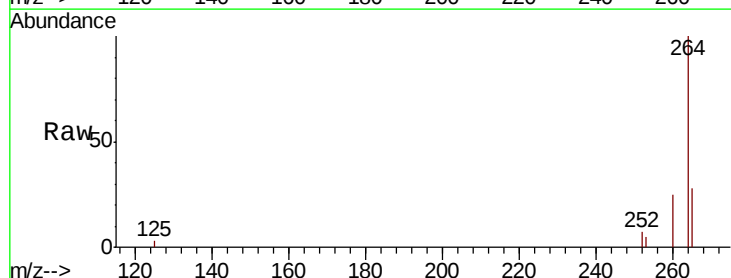
Instrument :
 BNA_E
 ClientSampleId :

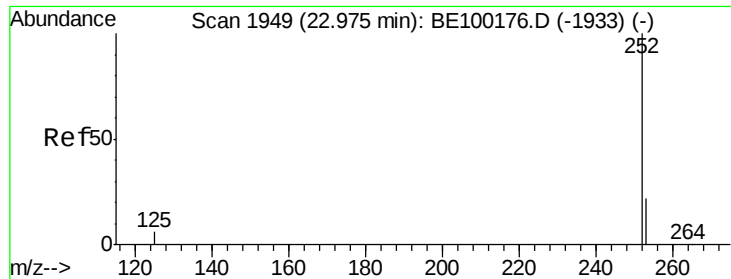
Tot Ion:276 Resp: 8984
 Ion Ratio Lower Upper
 276 100
 138 11.4 3.7 5.5#
 277 22.9 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100181.D
 Acq: 25 Jun 2019 15:09

Tgt Ion:264 Resp: 6291
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.4 30.6
 265 27.8 22.5 33.7

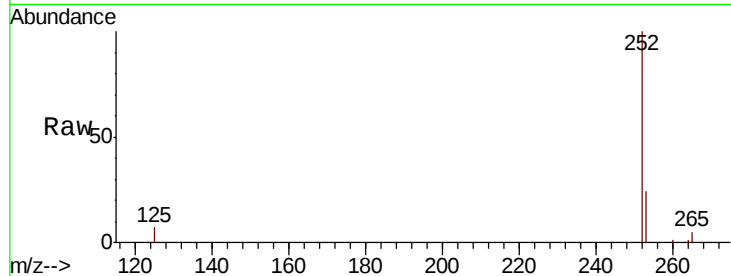




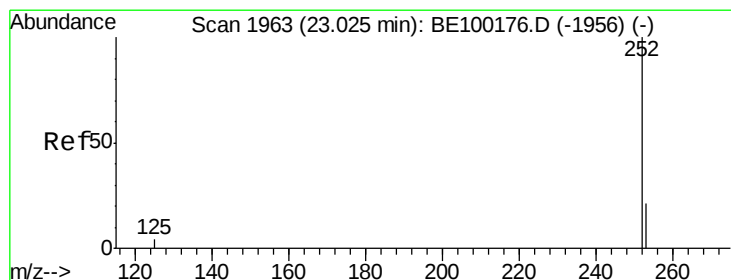
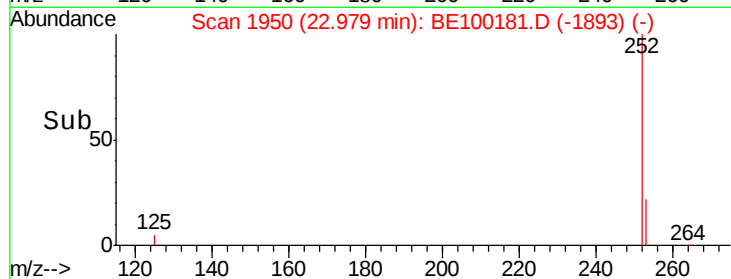
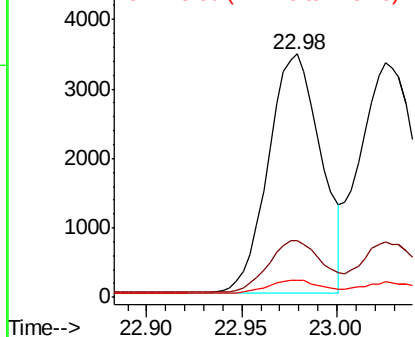
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.98 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6643
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 6.8 6.3 9.5

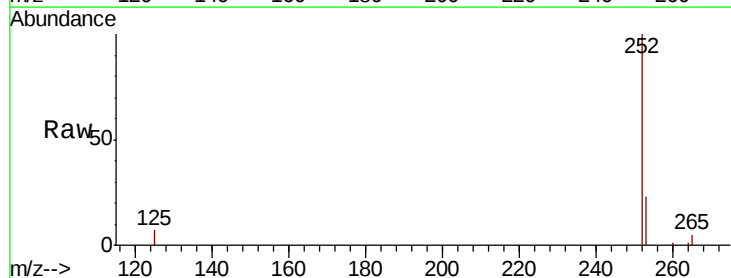


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

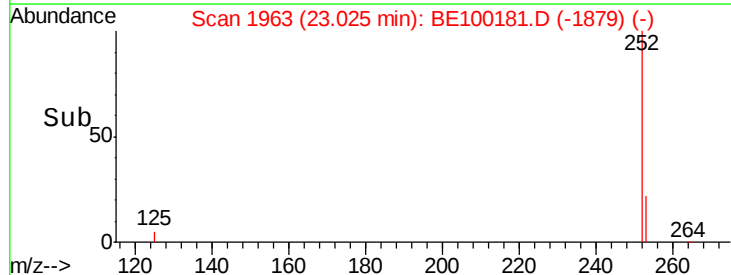
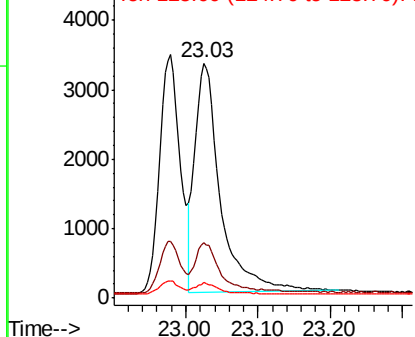


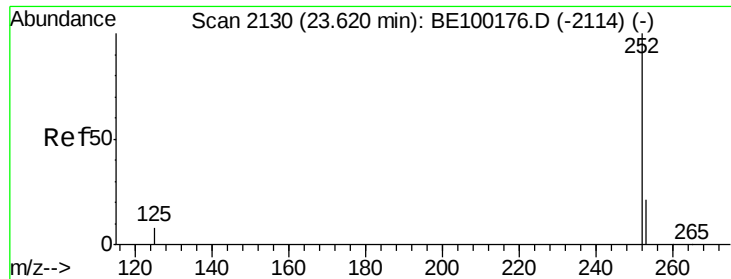
#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.03 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BE100181.D
Acq: 25 Jun 2019 15:09

Tgt Ion:252 Resp: 8207
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 6.7 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: 0.396 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampleId :

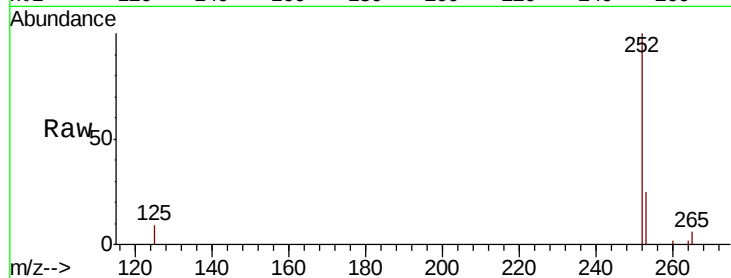
Tot Ion:252 Resp: 6948

Ion Ratio Lower Upper

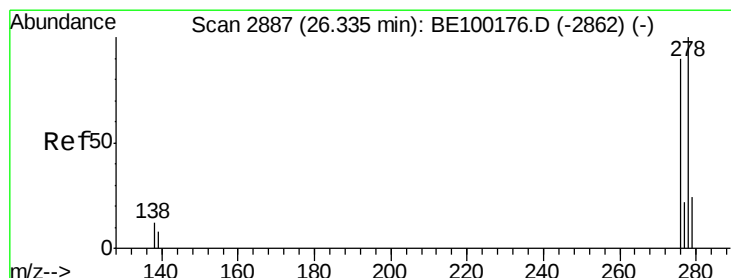
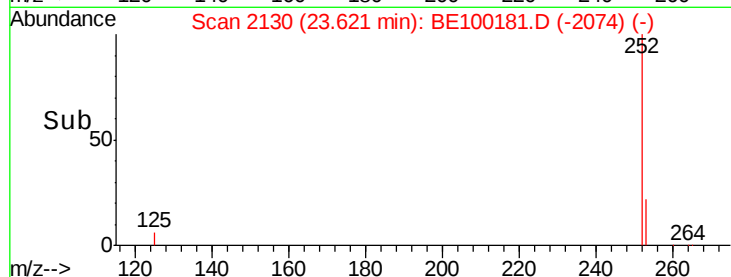
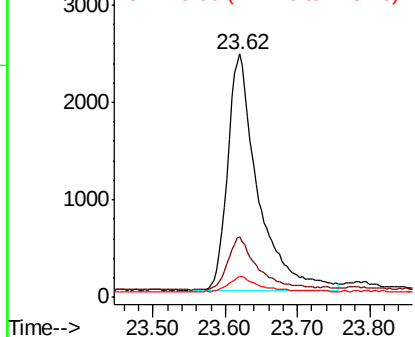
252 100

253 24.6 19.2 28.8

125 8.7 8.2 12.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.372 ng

RT: 26.34 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

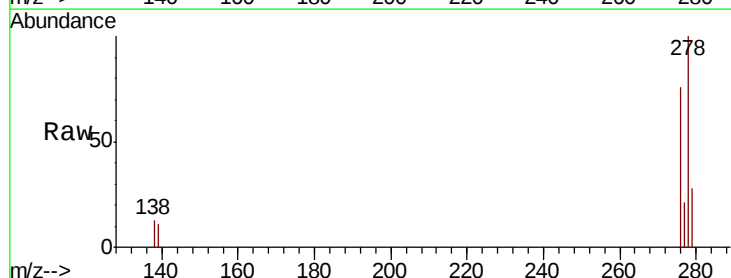
Tgt Ion:278 Resp: 6983

Ion Ratio Lower Upper

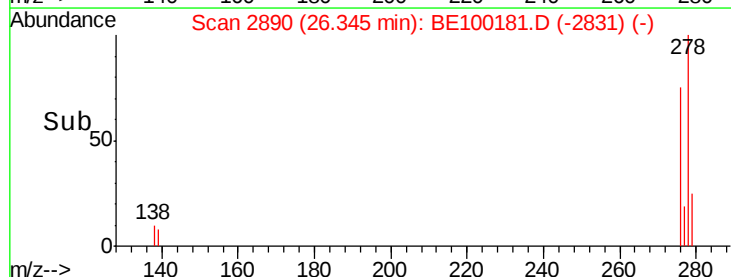
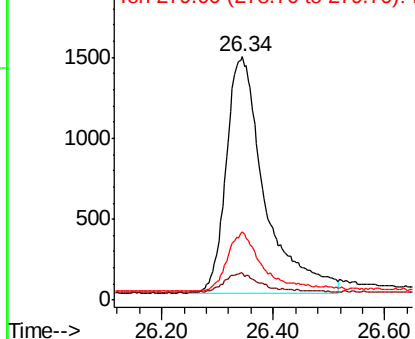
278 100

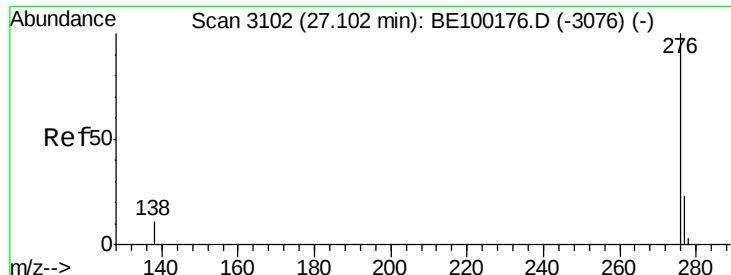
139 11.2 9.0 13.4

279 28.2 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: 0.388 ng

RT: 27.10 min Scan# 3102

Delta R.T. -0.00 min

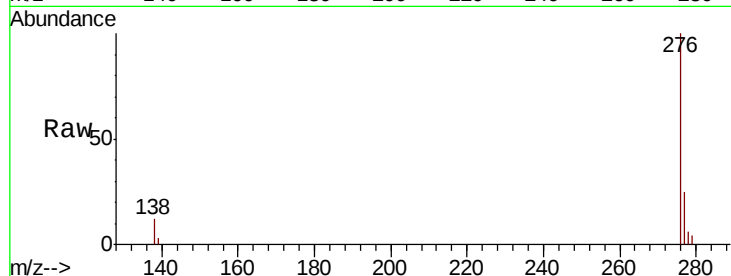
Lab File: BE100181.D

Acq: 25 Jun 2019 15:09

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 7605

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.6

138 12.4 10.2 15.4

Abundance Ion 276.00 (275.70 to 276.70): E
 2500 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

