

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
 Data File : BE100449.D
 Acq On : 17 Jul 2019 14:02
 Operator : HP/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 15:18:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 14:03:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3771	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	15528	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9946	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	26605	0.40	ng	0.00
27) Chrysene-d12	21.39	240	29301	0.40	ng	0.00
34) Perylene-d12	23.88	264	30845	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3520	0.49	ng	0.00
5) Phenol-d6	7.04	99	4926	0.46	ng	0.00
8) Nitrobenzene-d5	9.03	82	2546	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	9705	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	975	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	15895	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	135322	0.43	ng	0.00
29) Terphenyl-d14	19.85	244	28248	0.39	ng	0.00

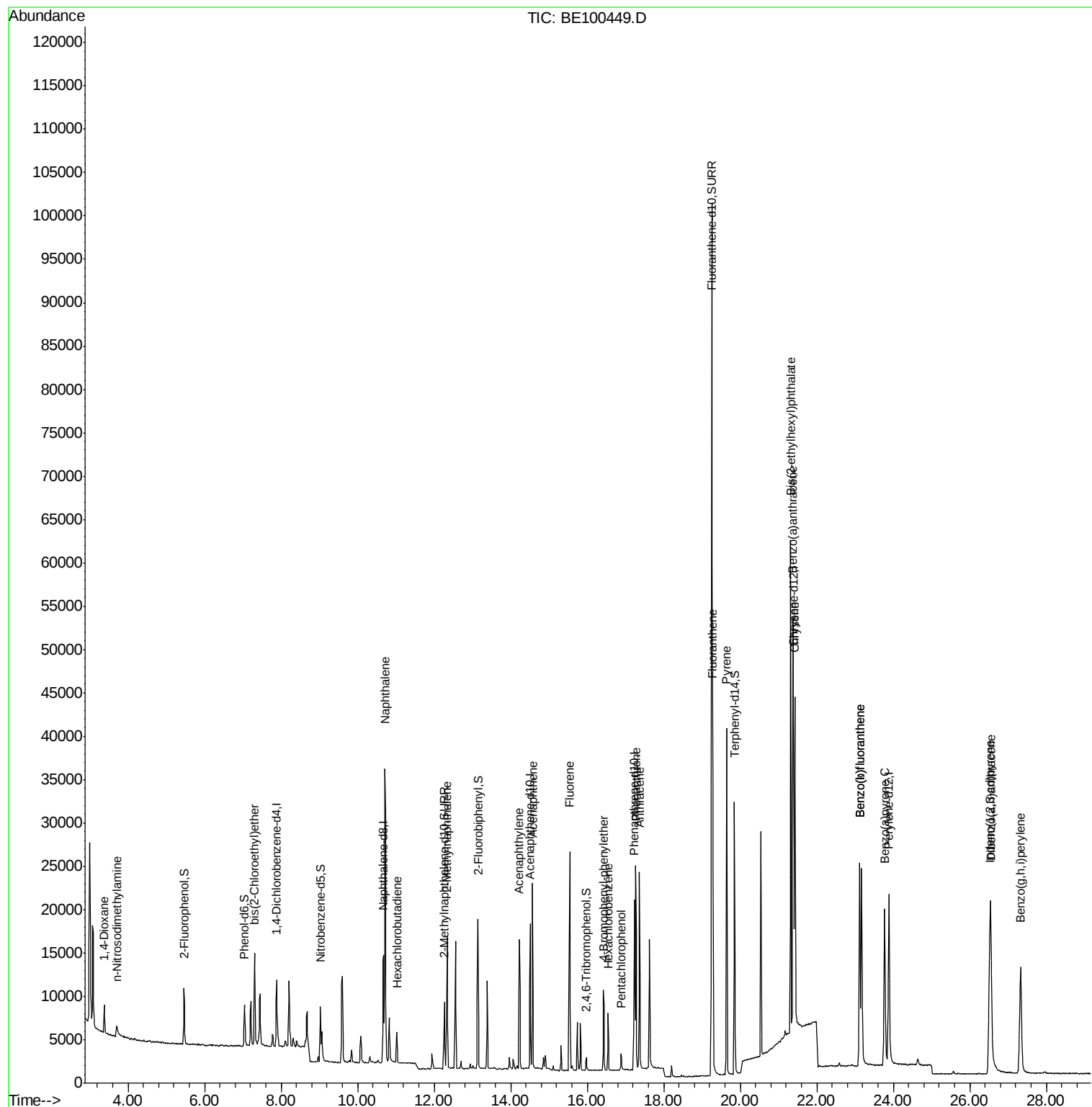
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2356	0.408	ng	97
3) n-Nitrosodimethylamine	3.71	42	1288	0.394	ng	# 76
6) bis(2-Chloroethyl)ether	7.31	93	4428	0.413	ng	93
9) Naphthalene	10.72	128	59134	0.391	ng	100
10) Hexachlorobutadiene	11.03	225	2818	0.384	ng	99
12) 2-Methylnaphthalene	12.34	142	10328	0.408	ng	99
16) Acenaphthylene	14.23	152	17383	0.432	ng	99
17) Acenaphthene	14.57	154	10602	0.384	ng	97
18) Fluorene	15.54	166	14263	0.400	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	4929	0.355	ng	# 56
21) Hexachlorobenzene	16.55	284	5227	0.322	ng	99
22) Pentachlorophenol	16.88	266	1212	0.499	ng	95
23) Phenanthrene	17.27	178	25608	0.361	ng	100
24) Anthracene	17.36	178	23507	0.402	ng	100
26) Fluoranthene	19.28	202	35587	0.395	ng	99
28) Pyrene	19.64	202	36675	0.428	ng	100
30) Benzo(a)anthracene	21.38	228	35598	0.448	ng	99
31) Chrysene	21.43	228	35812	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	60964	1.069	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.52	276	35520	0.423	ng	99
35) Benzo(b)fluoranthene	23.12	252	33746	0.358	ng	98
36) Benzo(k)fluoranthene	23.12	252	33746	0.338	ng	98
37) Benzo(a)pyrene	23.77	252	32858	0.424	ng	98
38) Dibenzo(a,h)anthracene	26.55	278	28757	0.348	ng	# 94
39) Benzo(g,h,i)perylene	27.33	276	29786	0.345	ng	97

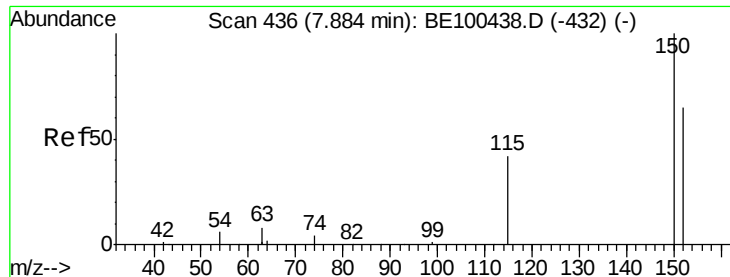
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE100449.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 17 15:18:45 2019
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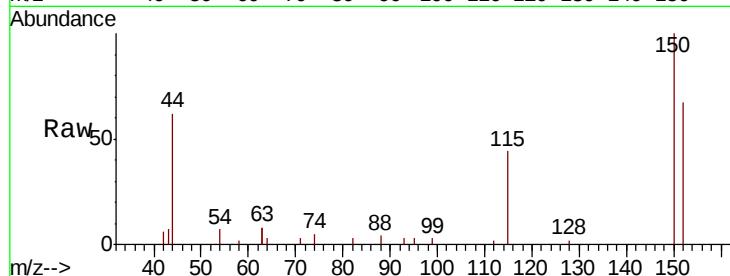


#1

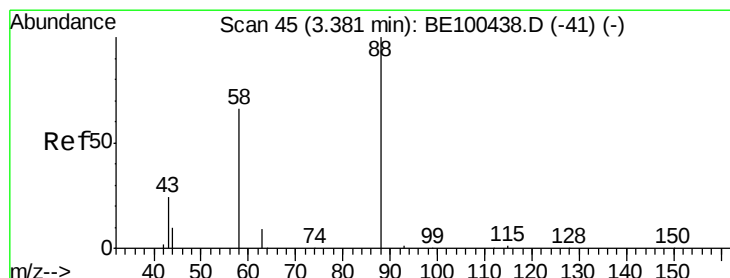
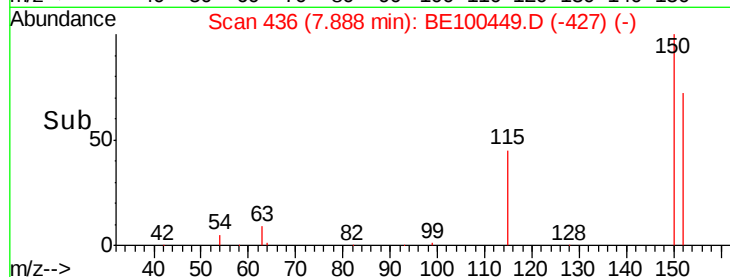
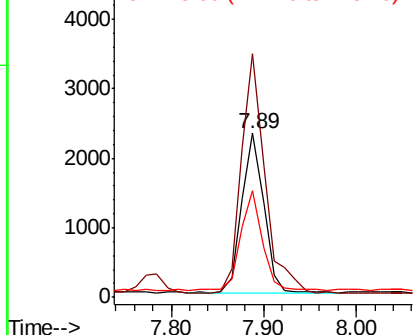
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3771
Ion Ratio Lower Upper
152 100
150 148.7 121.7 182.5
115 64.9 52.4 78.6



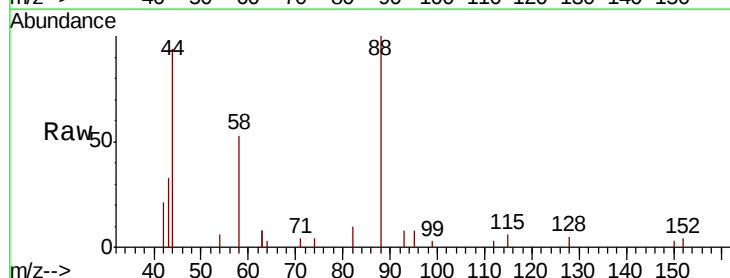
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



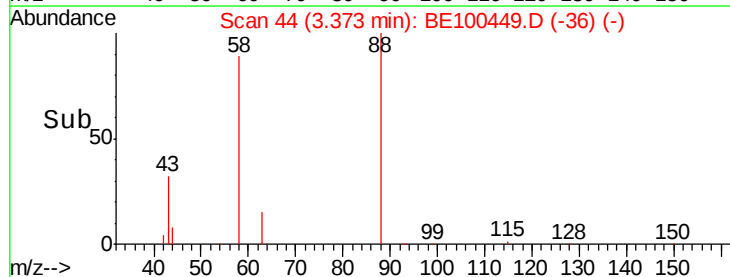
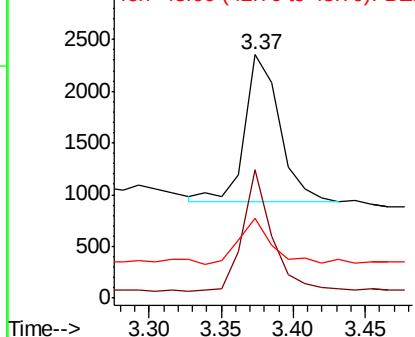
#2

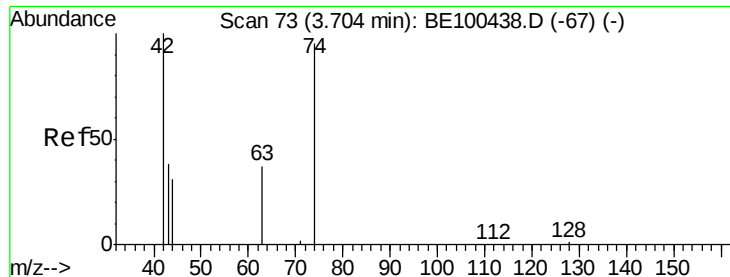
1,4-Dioxane
Concen: 0.408 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion: 88 Resp: 2356
Ion Ratio Lower Upper
88 100
58 69.6 57.8 86.8
43 30.7 25.0 37.6



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: 0.394 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

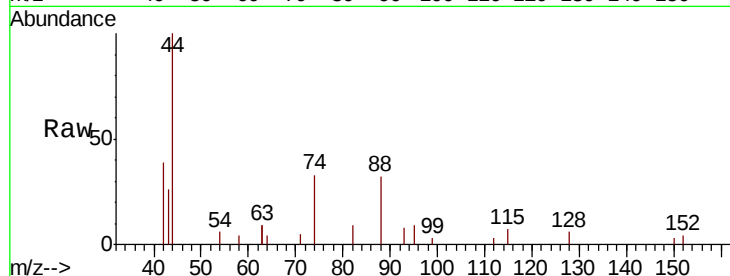
Tot Ion: 42 Resp: 1288

Ion Ratio Lower Upper

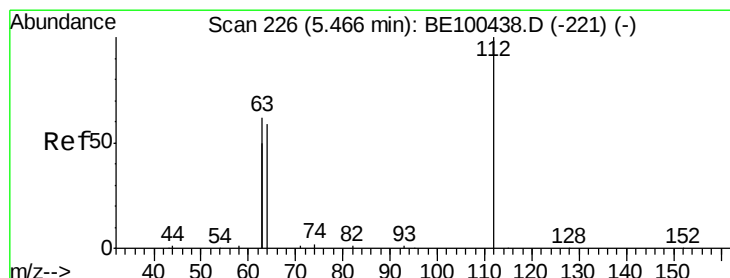
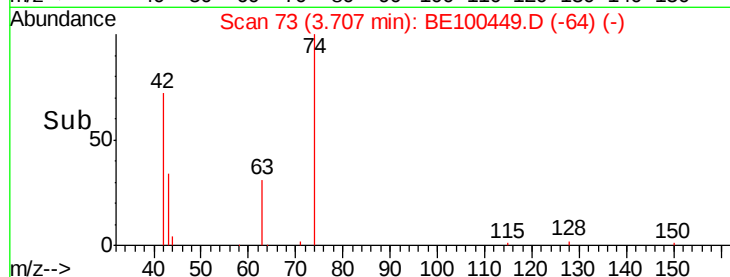
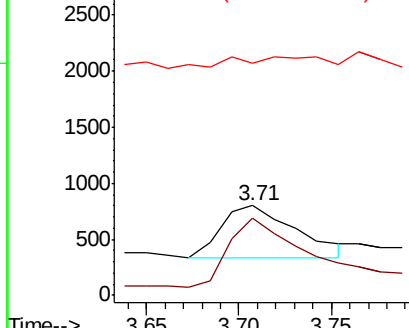
42 100

74 136.3 85.3 127.9#

44 29.3 21.8 32.8



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: 0.491 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

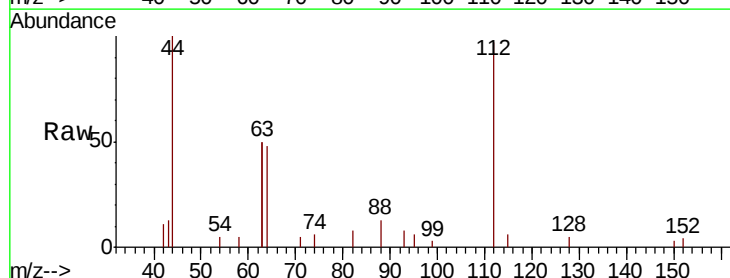
Tgt Ion: 112 Resp: 3520

Ion Ratio Lower Upper

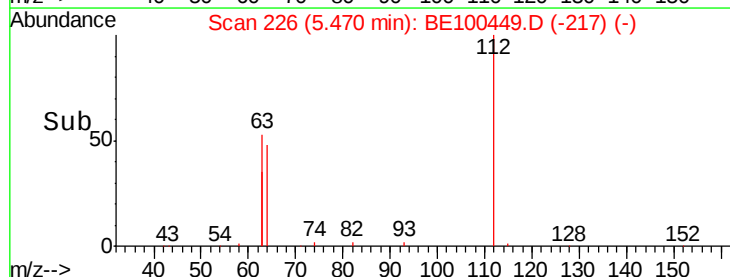
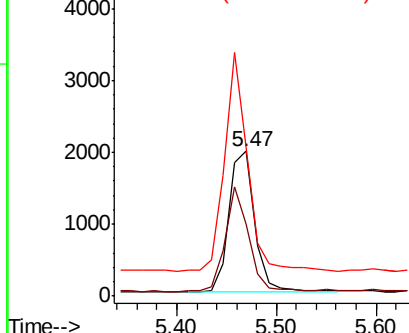
112 100

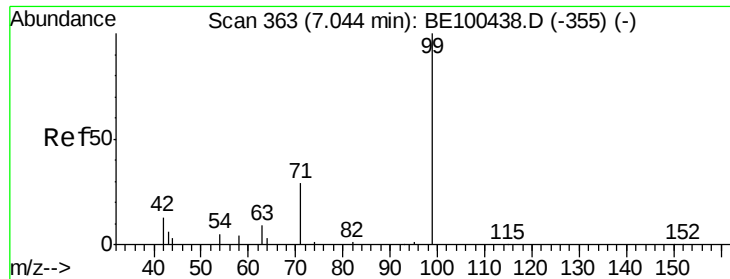
64 67.2 55.0 82.4

63 137.8 114.8 172.2



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: 0.465 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

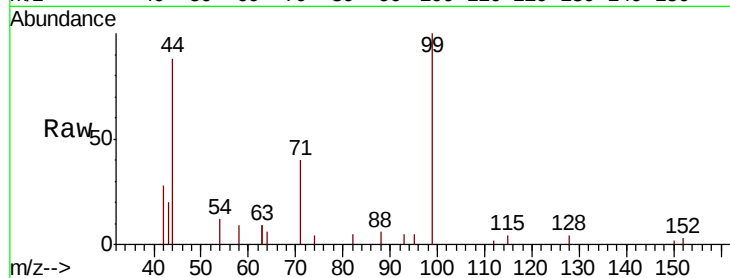
Tot Ion: 99 Resp: 4926

Ion Ratio Lower Upper

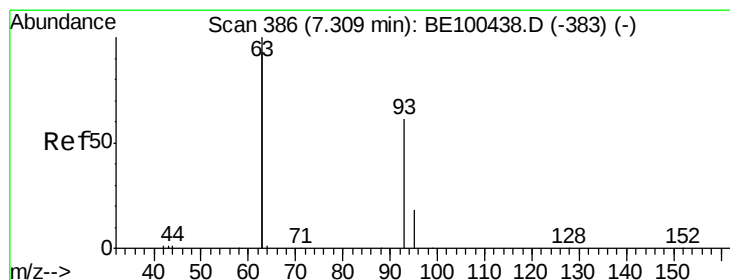
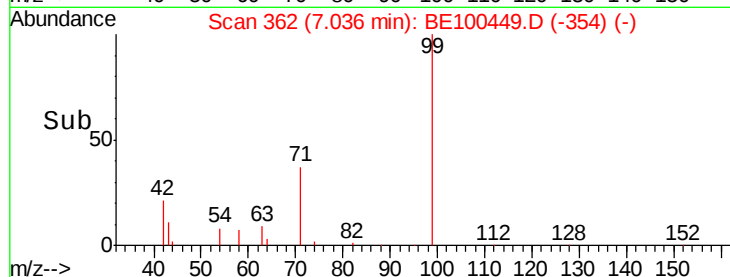
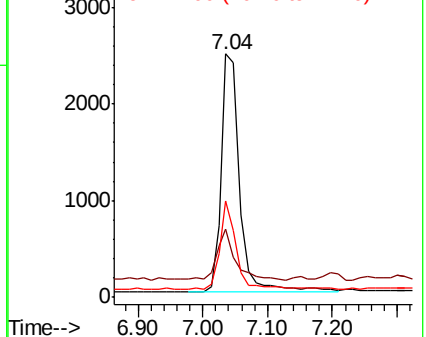
99 100

42 21.9 17.4 26.2

71 33.1 28.2 42.4



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: 0.413 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

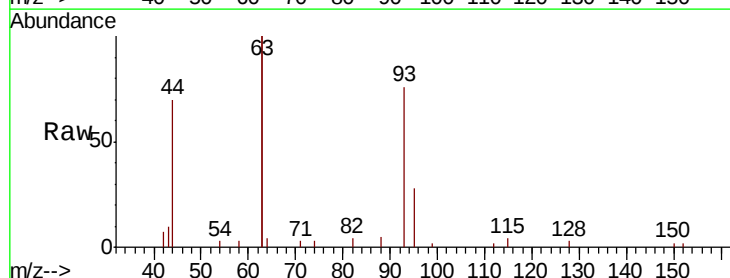
Tgt Ion: 93 Resp: 4428

Ion Ratio Lower Upper

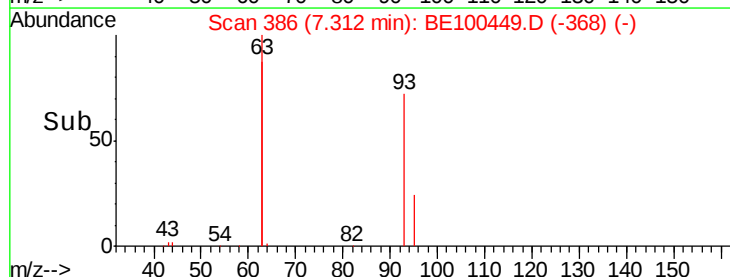
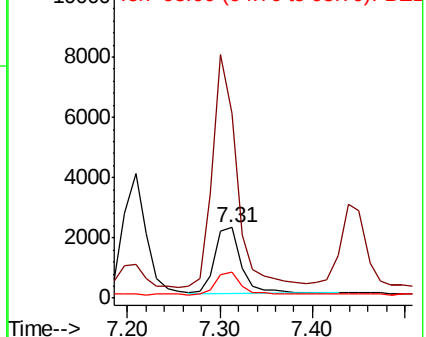
93 100

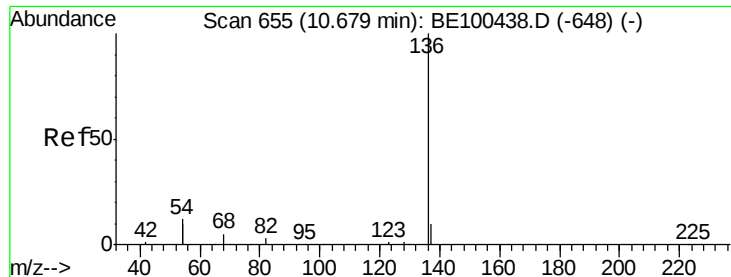
63 317.1 266.9 400.3

95 32.2 26.8 40.2



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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15528

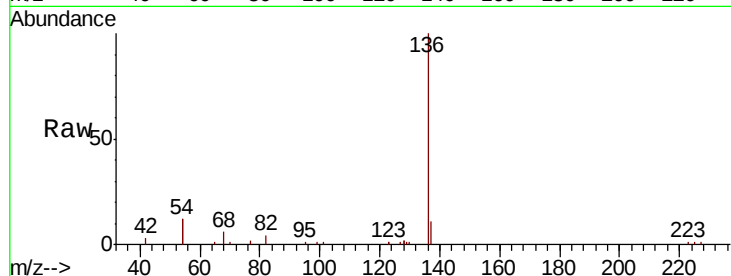
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 24.3 19.6 29.4

68 5.8 4.4 6.6

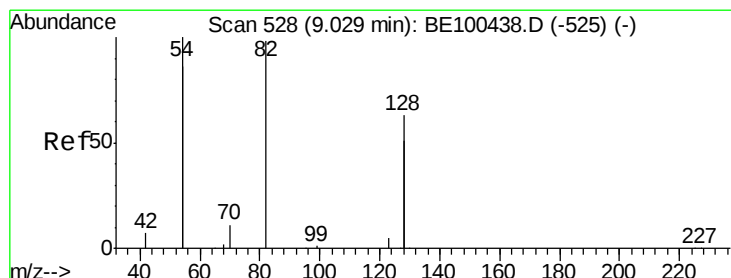
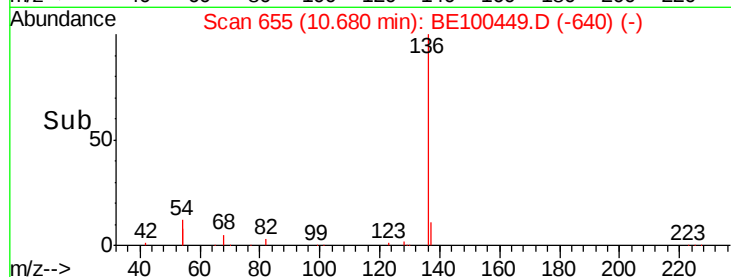
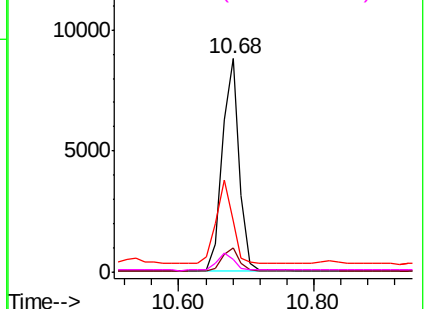


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

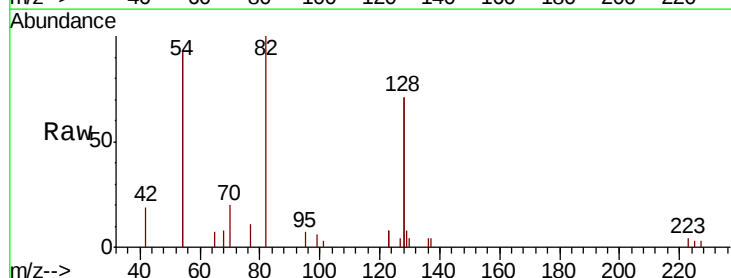
Tgt Ion: 82 Resp: 2546

Ion Ratio Lower Upper

82 100

128 142.2 97.9 146.9

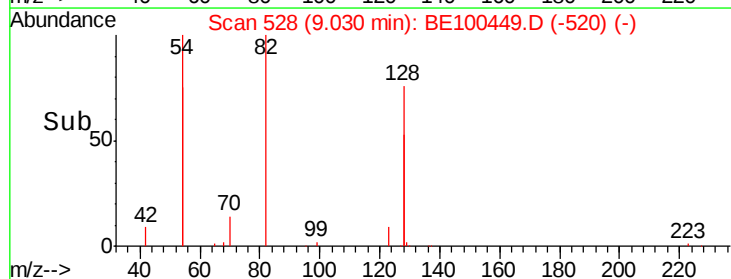
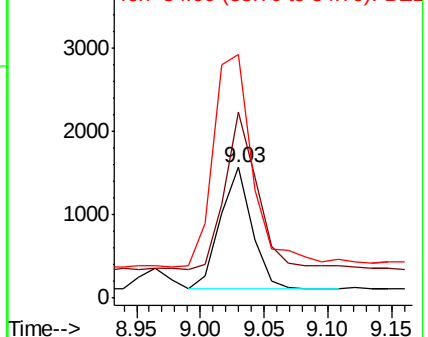
54 186.4 155.0 232.6

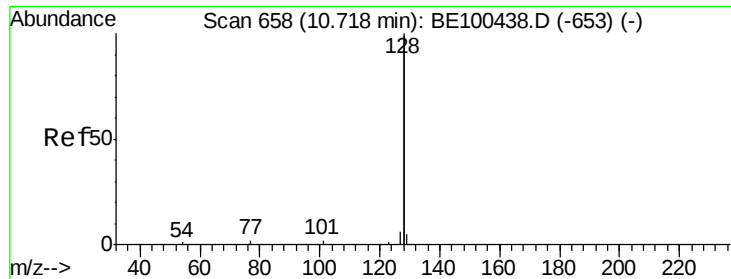


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

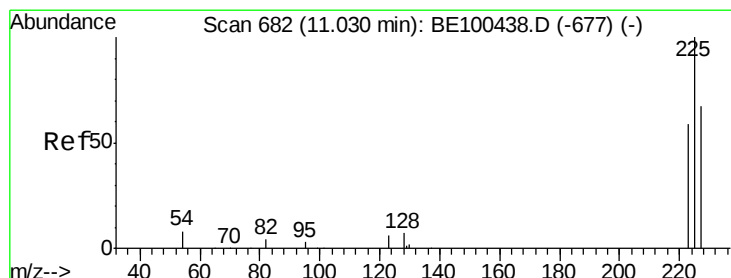
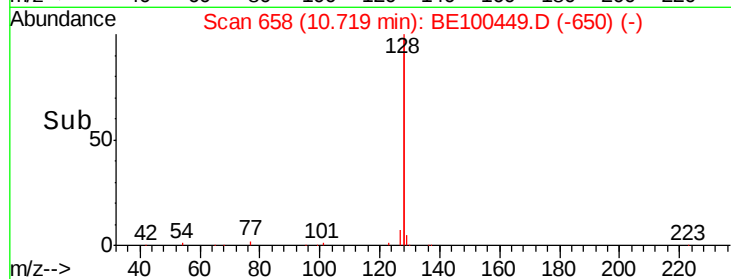
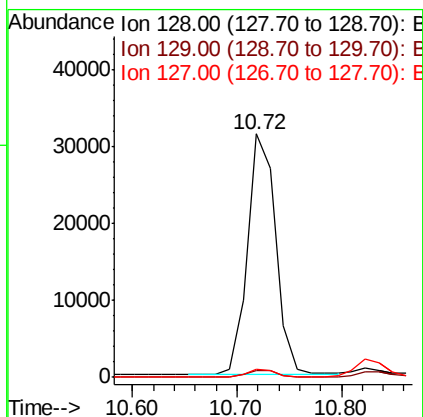
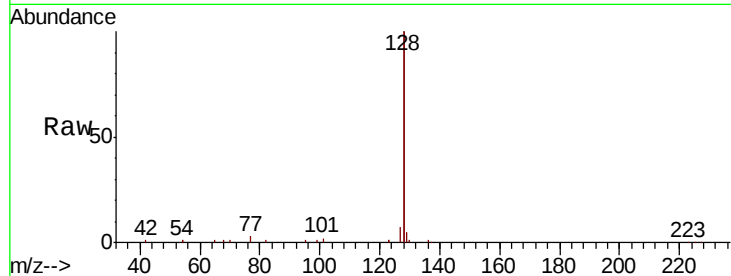




#9
Naphthalene
Concen: 0.391 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

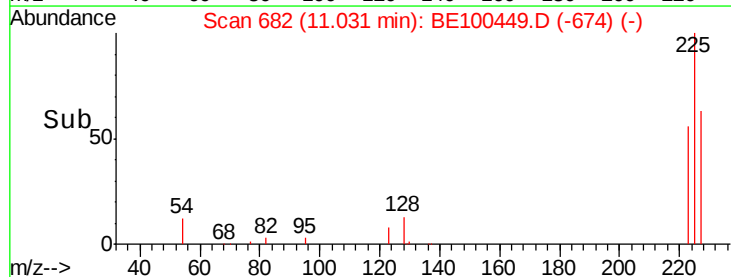
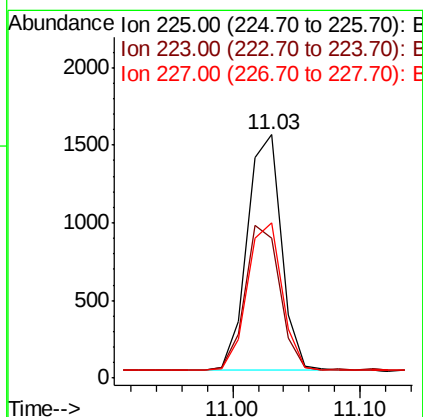
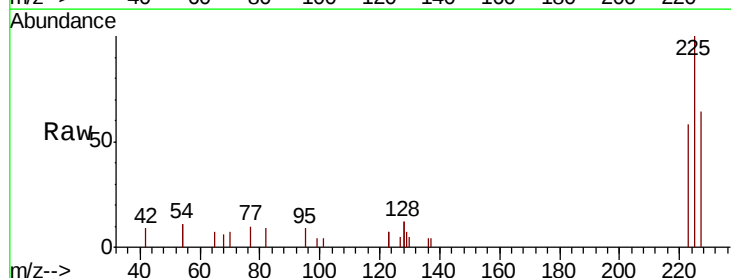
Instrument :
BNA_E
ClientSampleId :

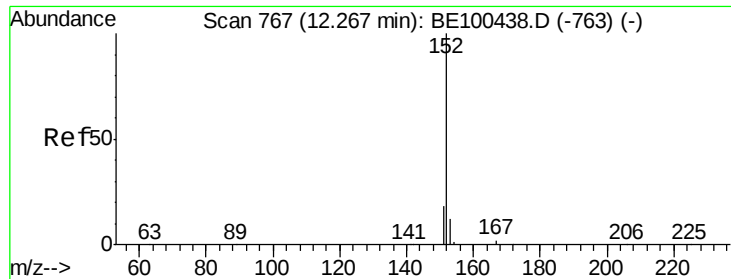
Tot Ion:128 Resp: 59134
Ion Ratio Lower Upper
128 100
129 2.7 2.2 3.4
127 3.5 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:225 Resp: 2818
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 63.9 52.3 78.5

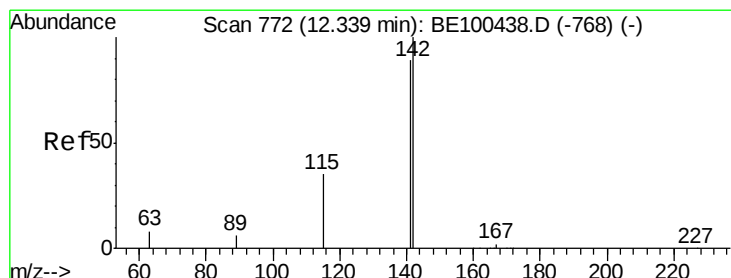
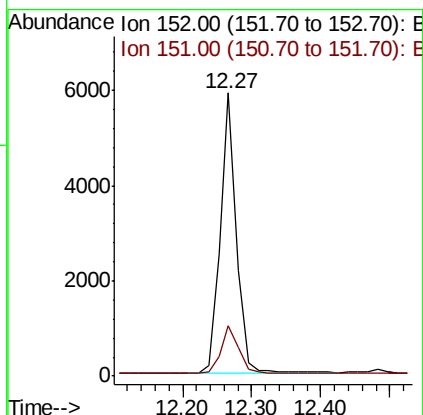
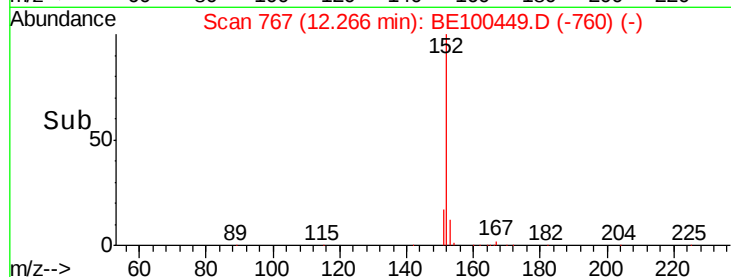
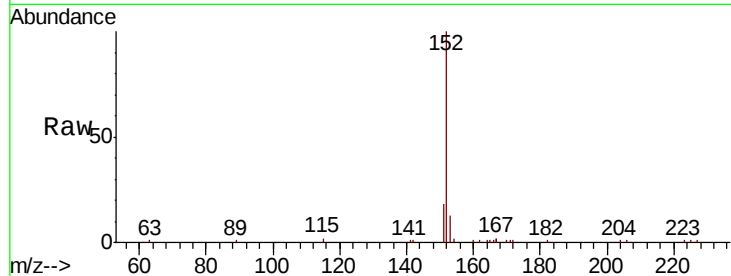




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE100449.D
 Acq: 17 Jul 2019 14:02

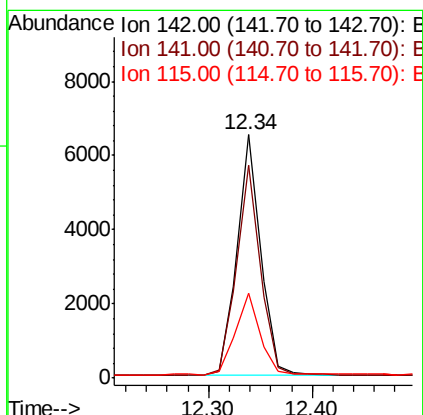
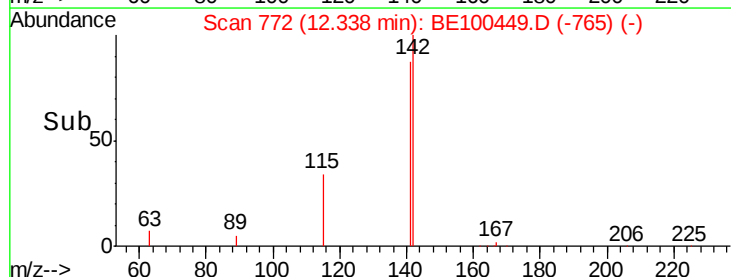
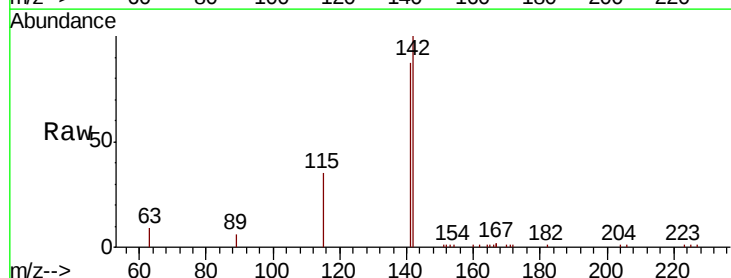
Instrument :
 BNA_E
 ClientSampleId :

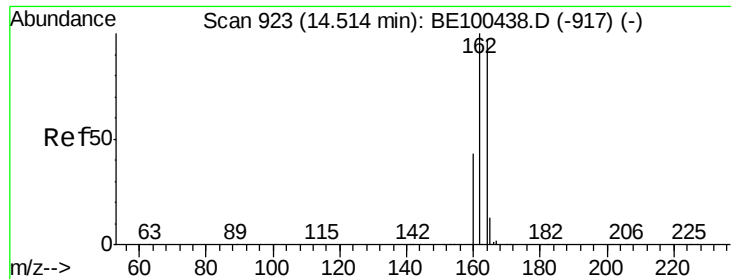
Tot Ion:152 Resp: 9705
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.0 24.0



#12
 2-Methylnaphthalene
 Concen: 0.408 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE100449.D
 Acq: 17 Jul 2019 14:02

Tgt Ion:142 Resp: 10328
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.9 106.3
 115 34.9 29.0 43.4

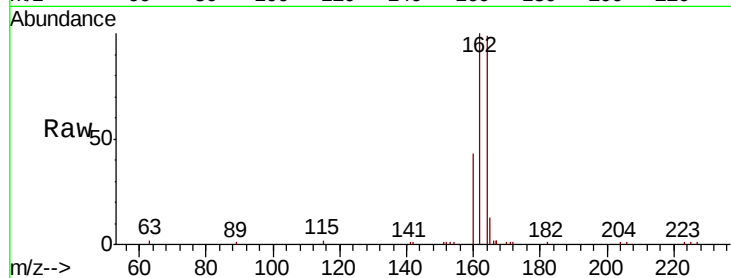




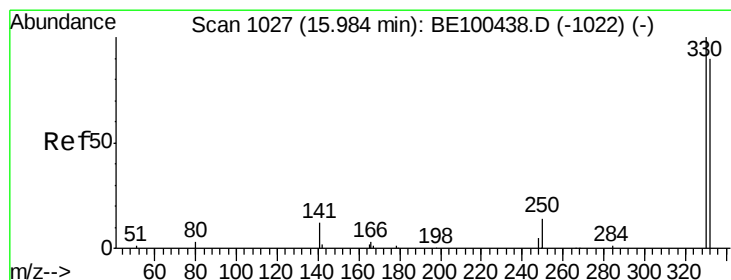
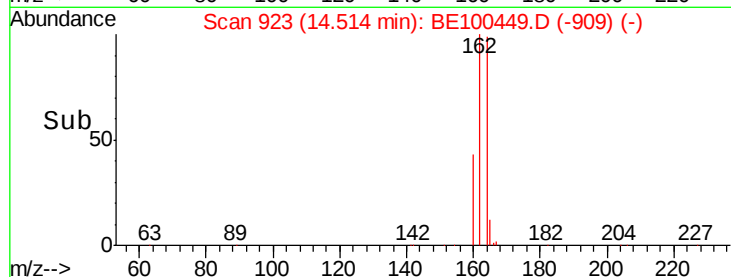
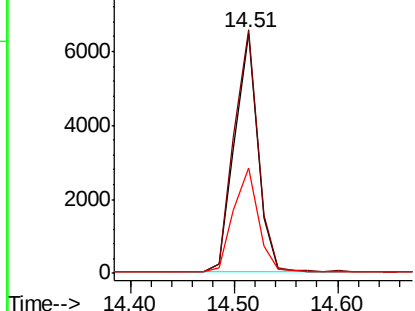
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9946
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 43.9 35.6 53.4

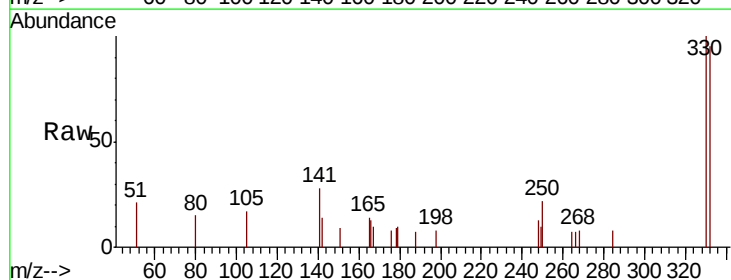


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

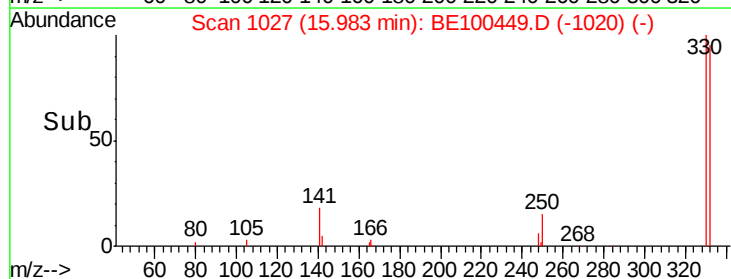
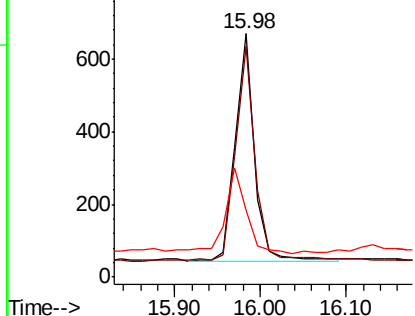


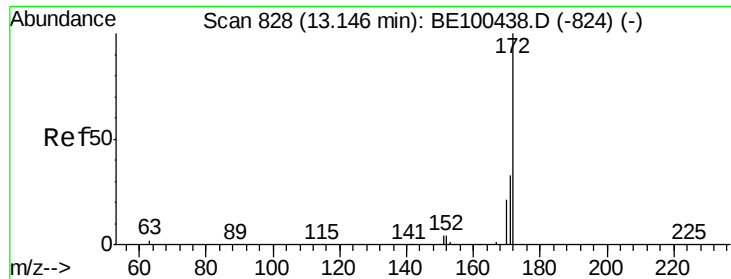
#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:330 Resp: 975
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 39.6 28.1 42.1



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

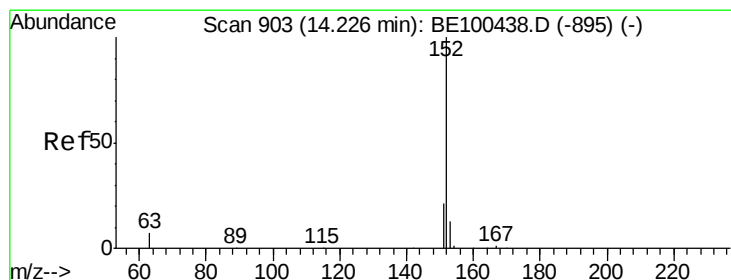
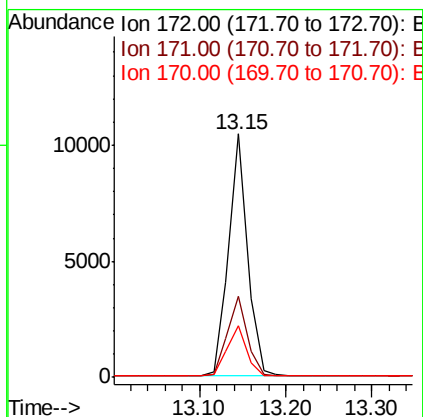
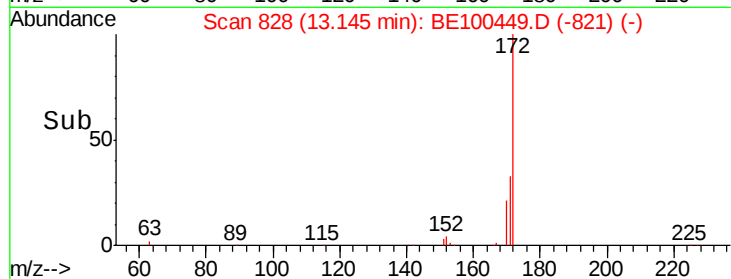
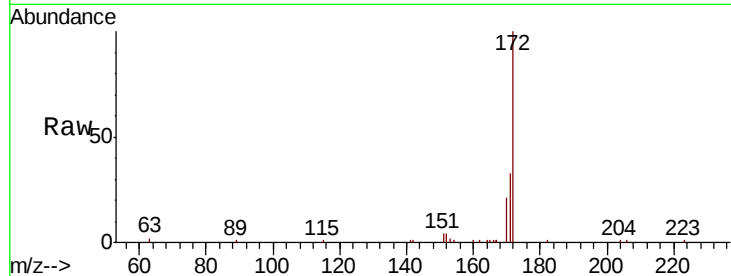




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

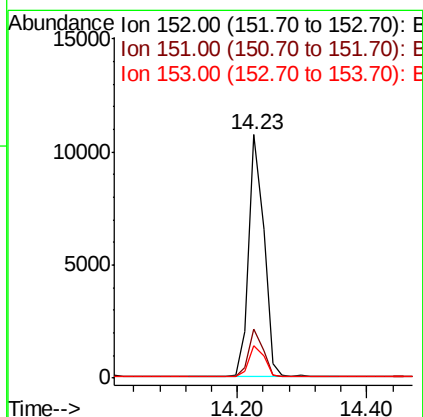
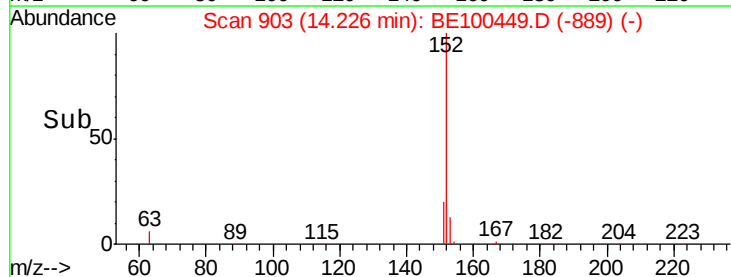
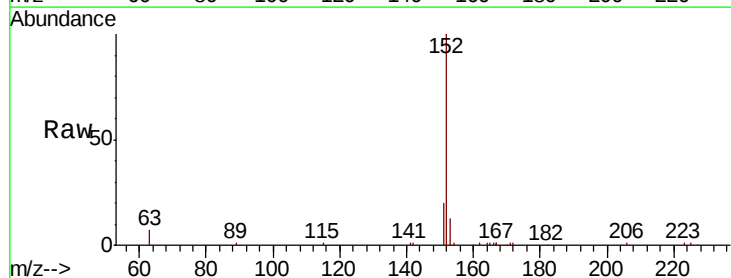
Instrument :
BNA_E
ClientSampled :

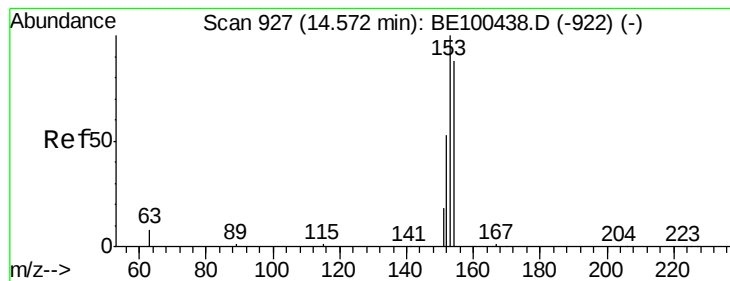
Tot Ion:172 Resp: 15895
Ion Ratio Lower Upper
172 100
171 33.4 27.0 40.4
170 21.3 17.4 26.0



#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:152 Resp: 17383
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampled :

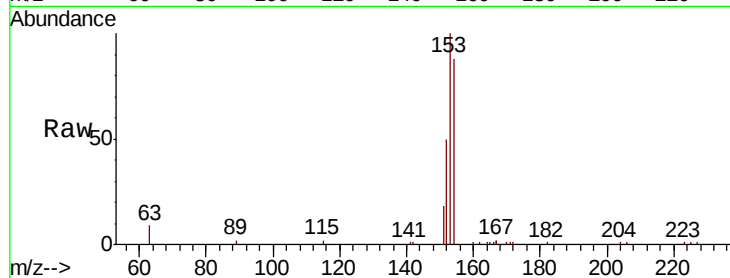
Tot Ion:154 Resp: 10602

Ion Ratio Lower Upper

154 100

153 113.2 91.0 136.4

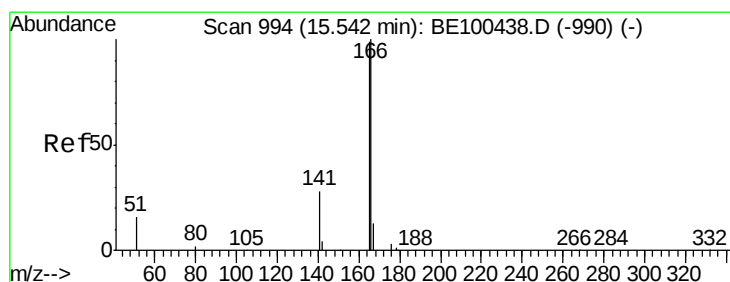
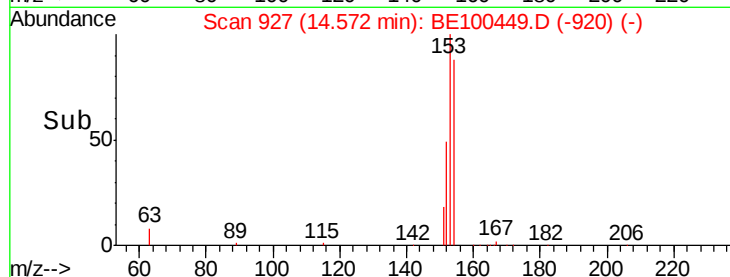
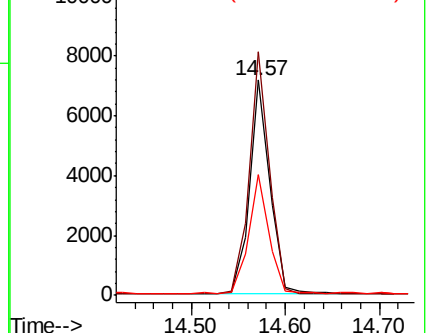
152 55.6 49.4 74.2



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: 0.400 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

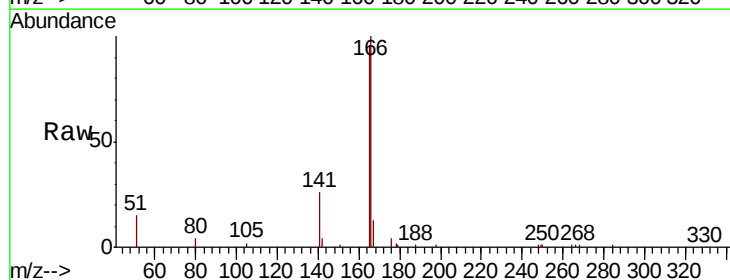
Tgt Ion:166 Resp: 14263

Ion Ratio Lower Upper

166 100

165 97.0 79.6 119.4

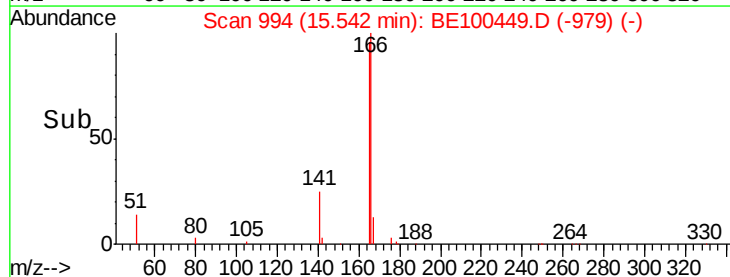
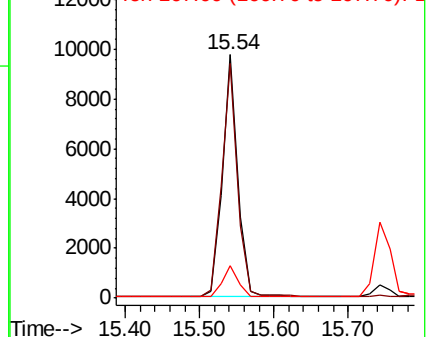
167 13.2 10.6 15.8

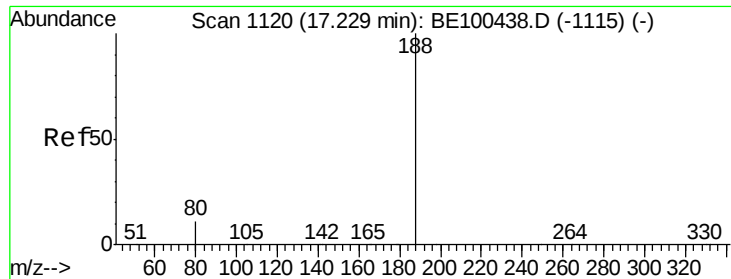


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

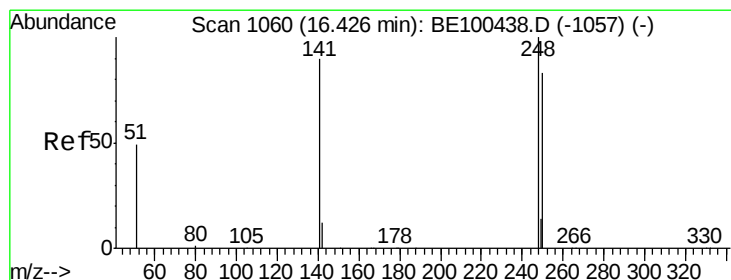
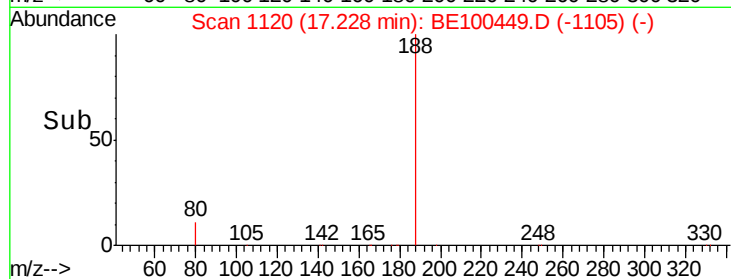
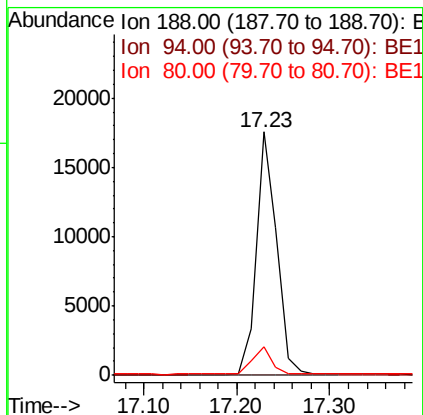
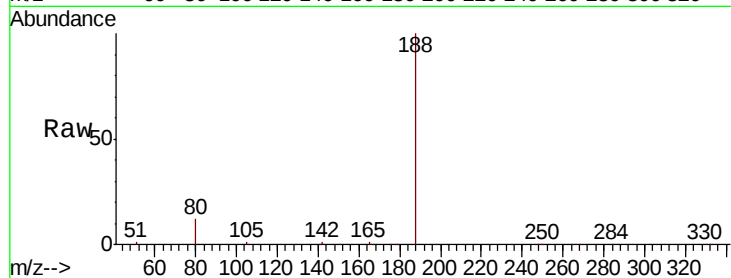




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

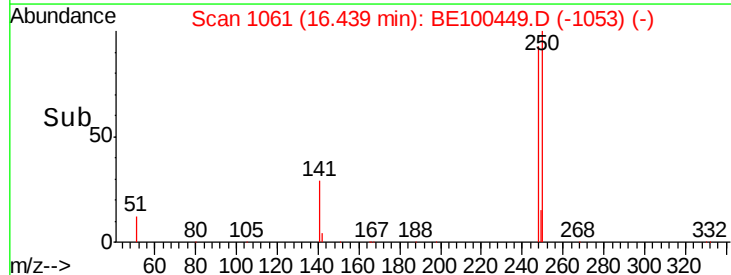
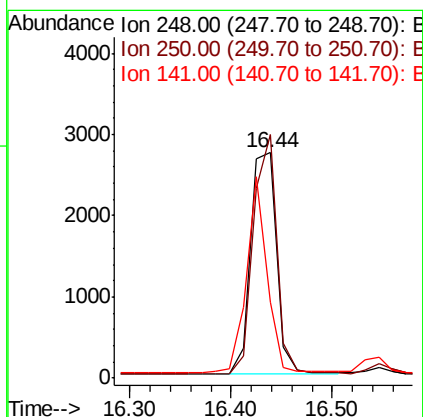
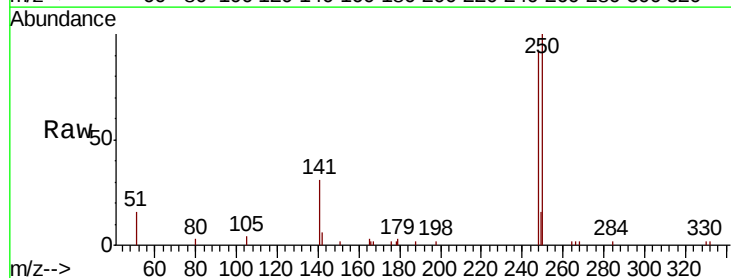
Instrument :
BNA_E
ClientSampleId :

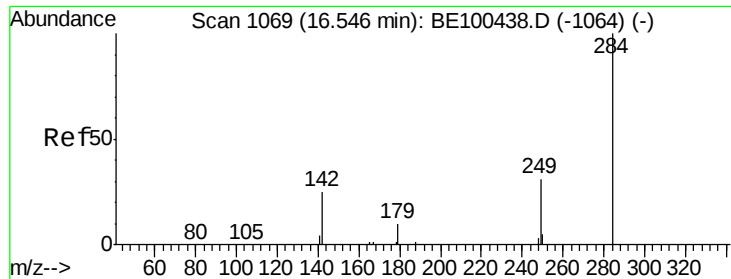
Tot Ion:188 Resp: 26605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.2 13.8



#20
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:248 Resp: 4929
Ion Ratio Lower Upper
248 100
250 108.1 67.1 100.7#
141 33.5 72.2 108.2#





#21

Hexachlorobenzene

Concen: 0.322 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

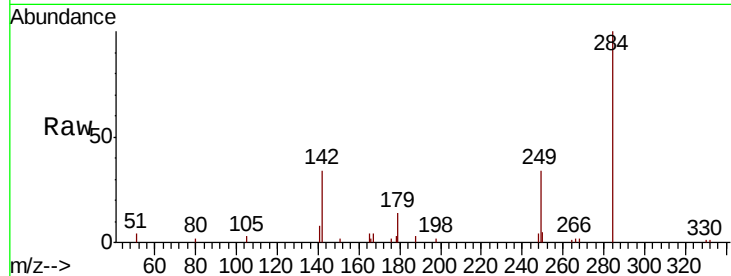
Tot Ion:284 Resp: 5227

Ion Ratio Lower Upper

284 100

142 32.9 25.6 38.4

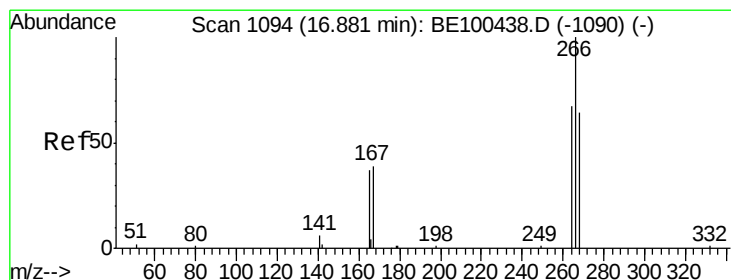
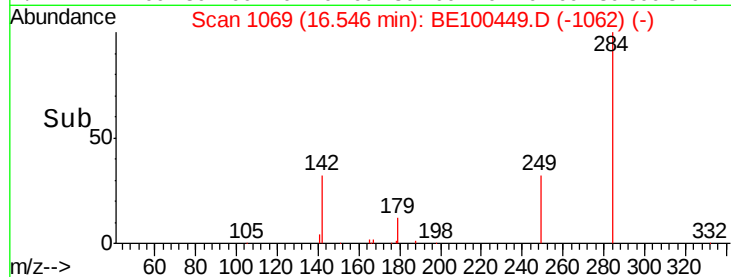
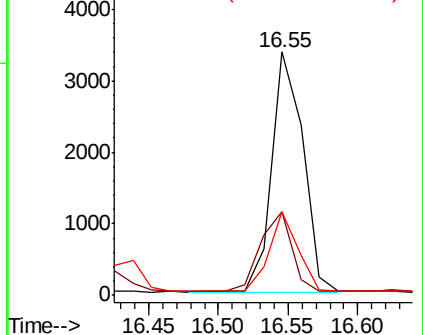
249 30.9 25.1 37.7



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: 0.499 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

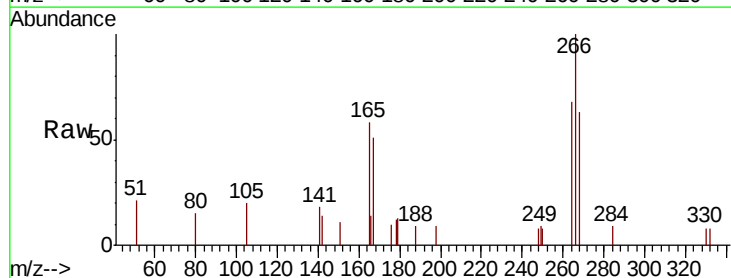
Tgt Ion:266 Resp: 1212

Ion Ratio Lower Upper

266 100

264 68.3 56.2 84.2

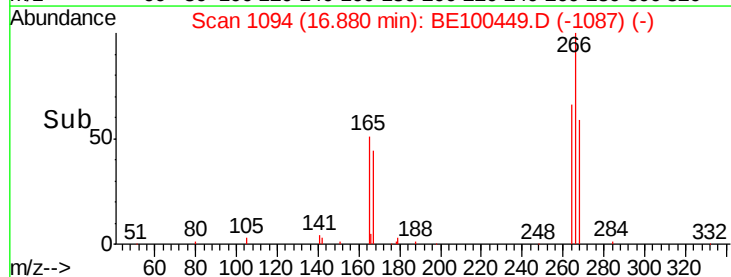
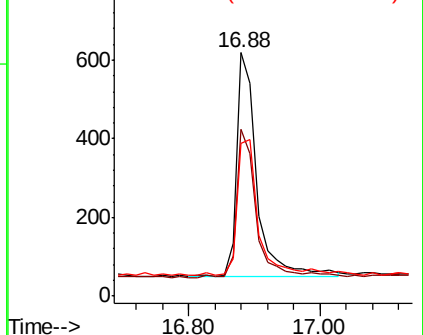
268 62.8 54.9 82.3

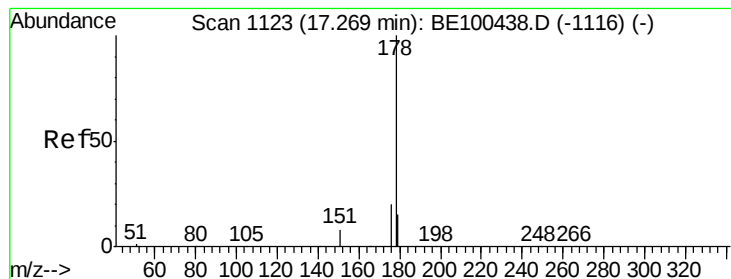


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.361 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

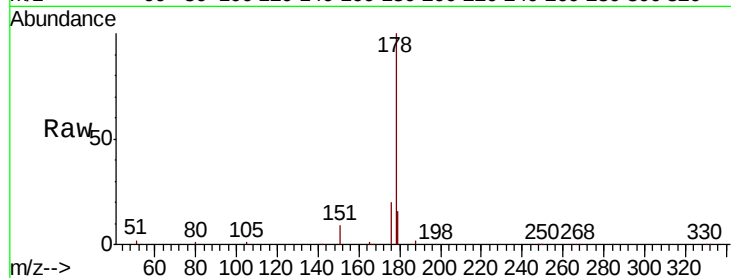
Tot Ion:178 Resp: 25608

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

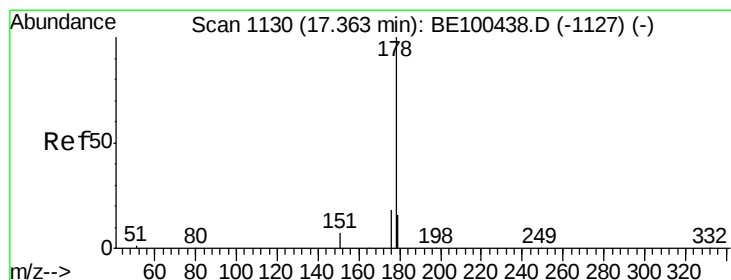
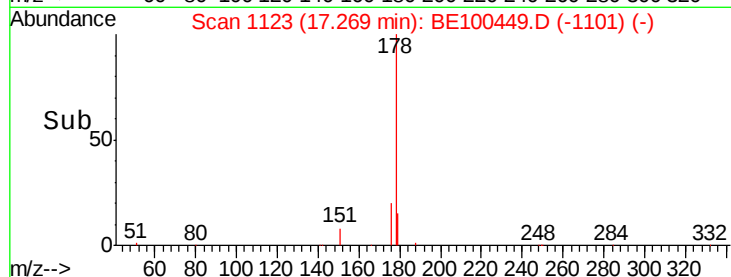
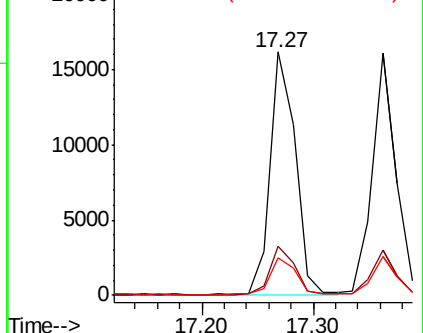
179 15.4 12.4 18.6



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: 0.402 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

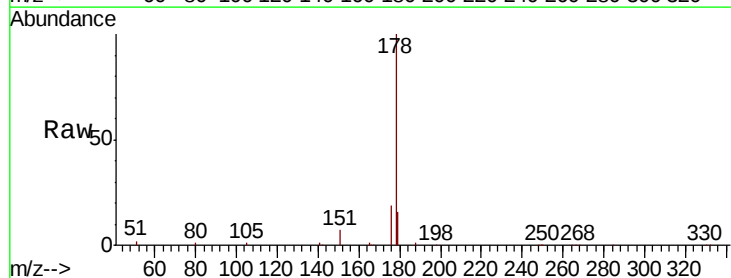
Tgt Ion:178 Resp: 23507

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

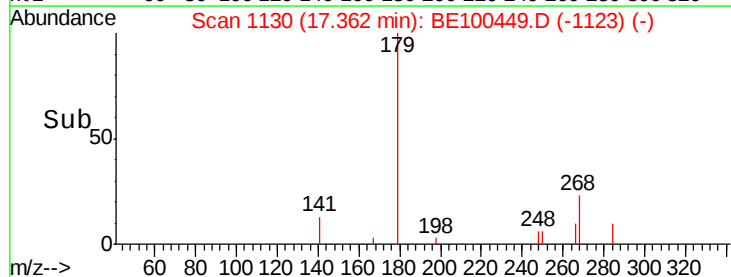
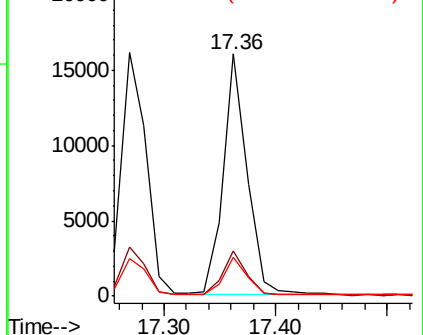
179 15.5 12.3 18.5

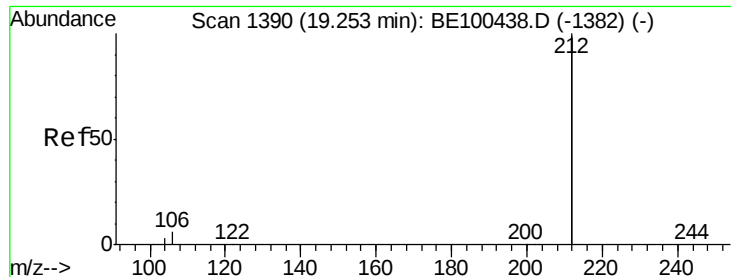


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.427 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

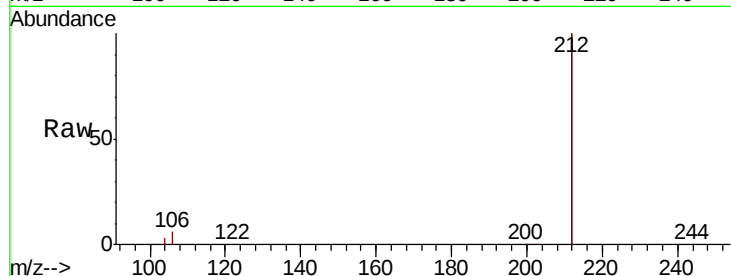
Tot Ion:212 Resp: 135322

Ion Ratio Lower Upper

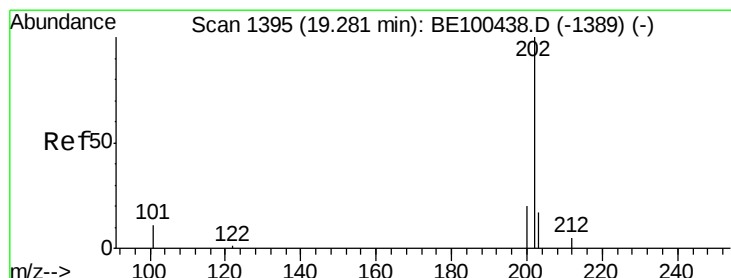
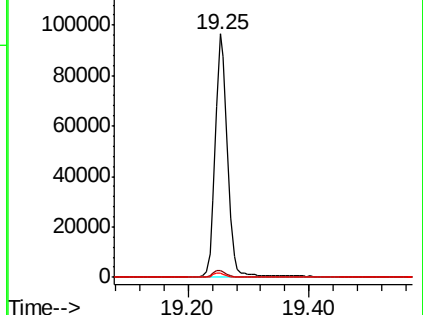
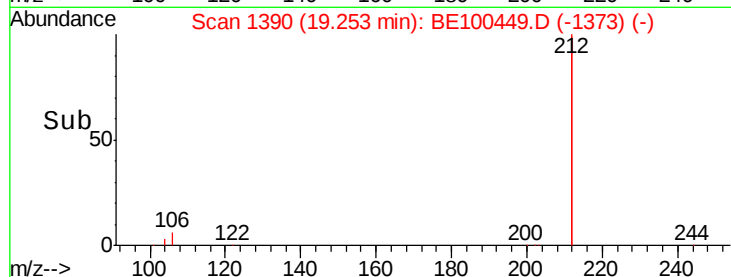
212 100

106 2.8 2.6 3.8

104 1.6 1.4 2.2



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: 0.395 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

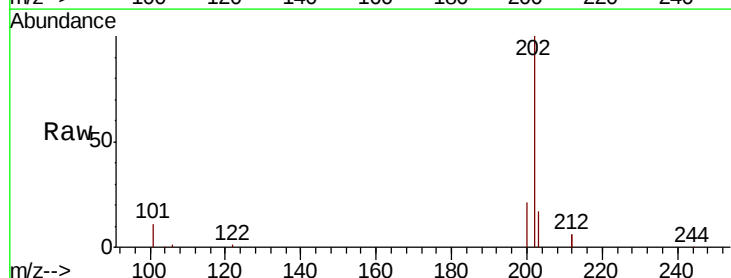
Tgt Ion:202 Resp: 35587

Ion Ratio Lower Upper

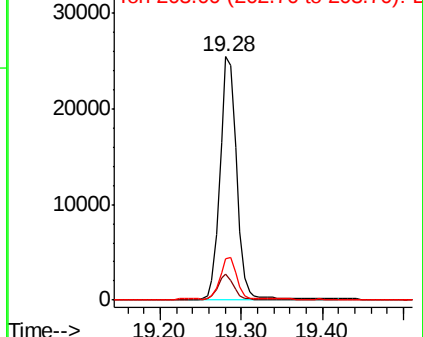
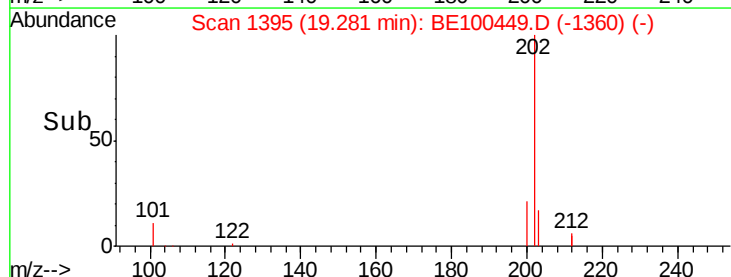
202 100

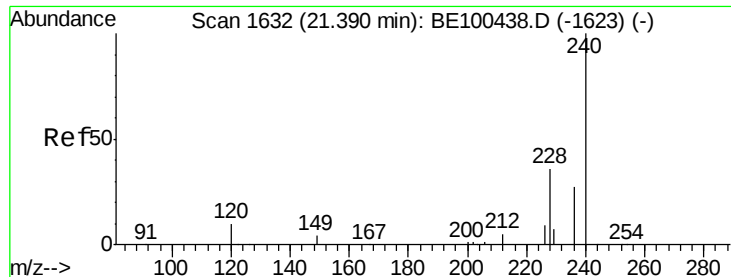
101 10.3 8.9 13.3

203 17.1 13.8 20.6



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: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

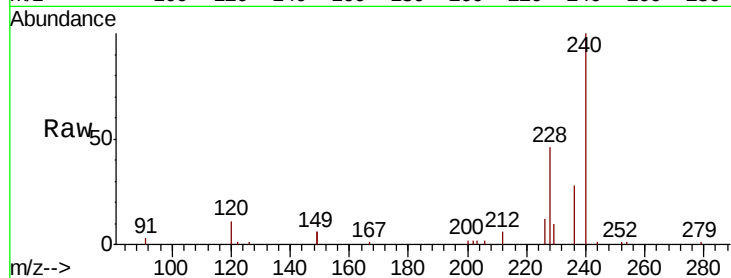
Tot Ion:240 Resp: 29301

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

236 28.4 22.0 33.0

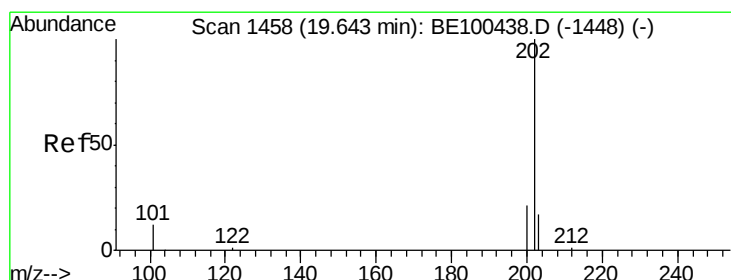
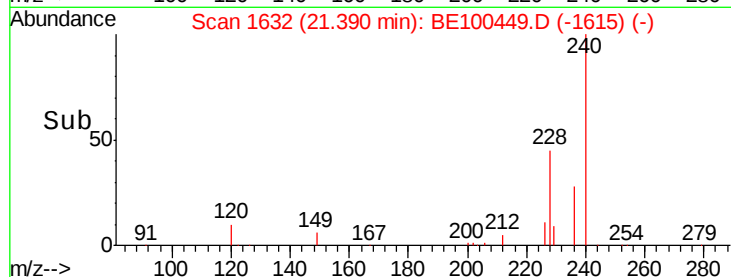
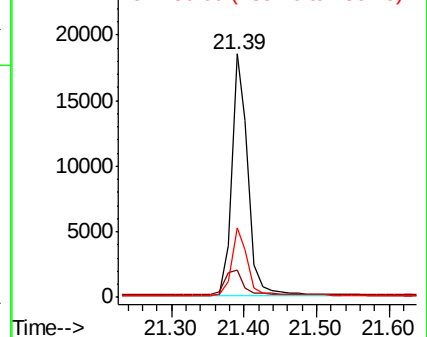


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.428 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

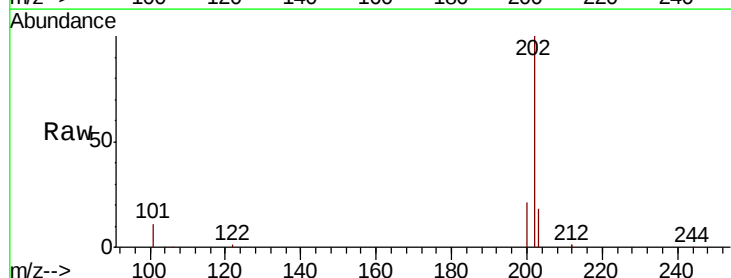
Tgt Ion:202 Resp: 36675

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.5 13.8 20.8

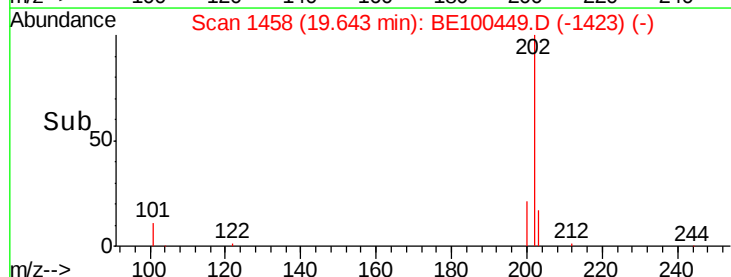
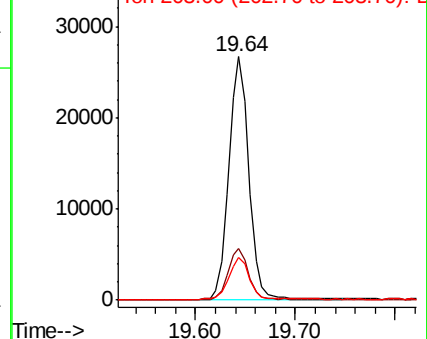


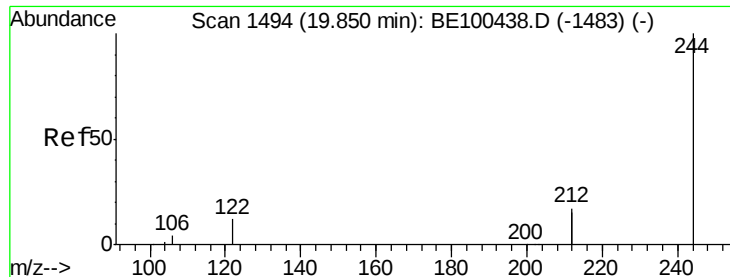
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampled :

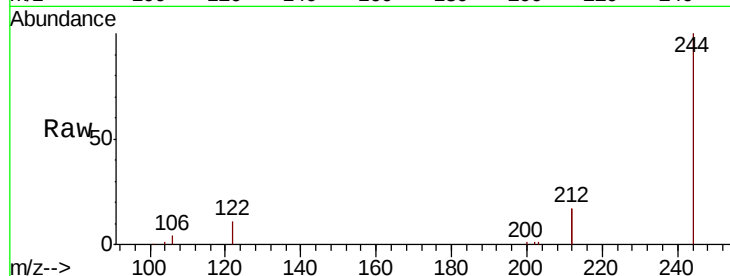
Tot Ion:244 Resp: 28248

Ion Ratio Lower Upper

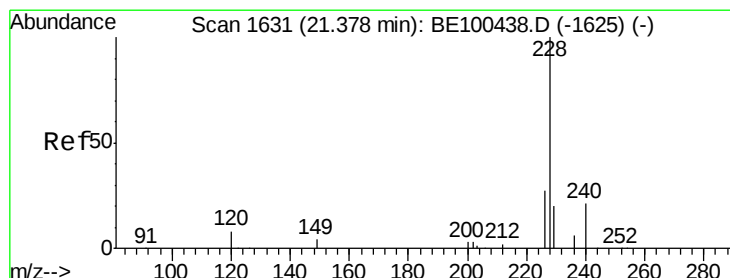
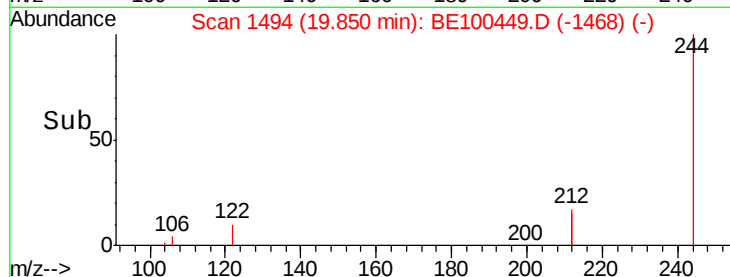
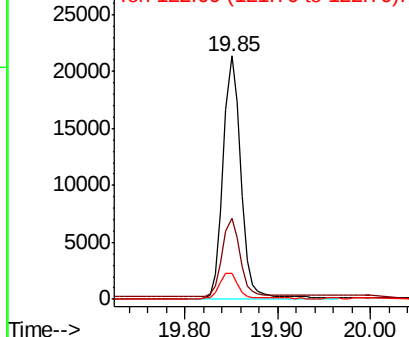
244 100

212 33.2 26.3 39.5

122 10.7 9.4 14.2



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: 0.448 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

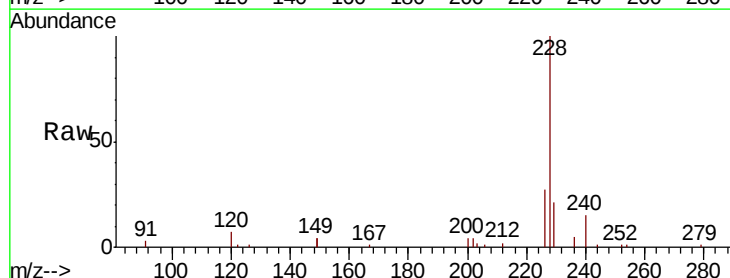
Tgt Ion:228 Resp: 35598

Ion Ratio Lower Upper

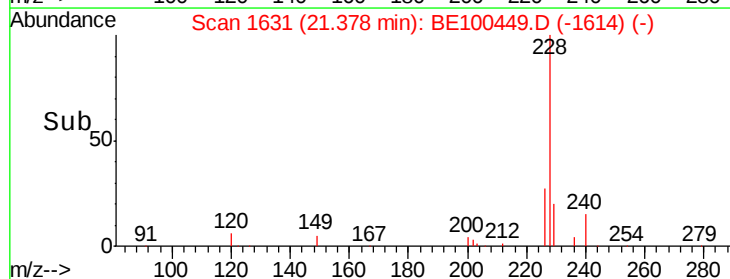
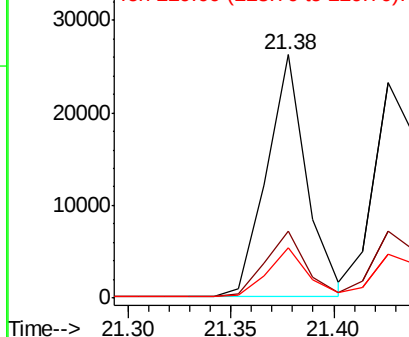
228 100

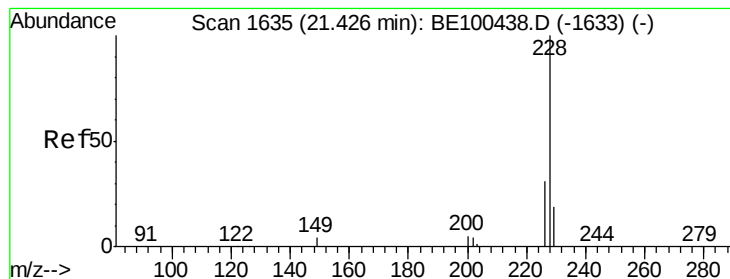
226 27.3 21.6 32.4

229 20.6 15.8 23.8



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: 0.379 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

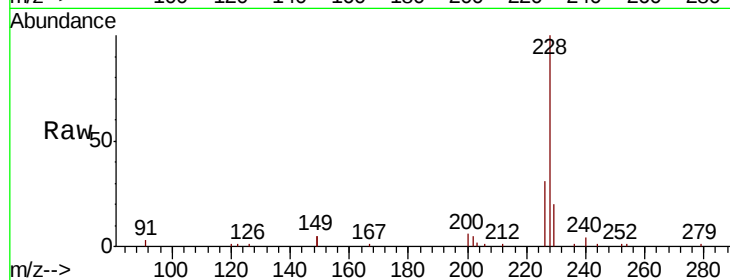
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 35812

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.2	15.8	23.6

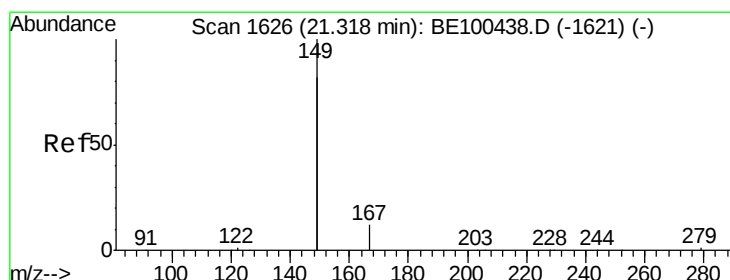
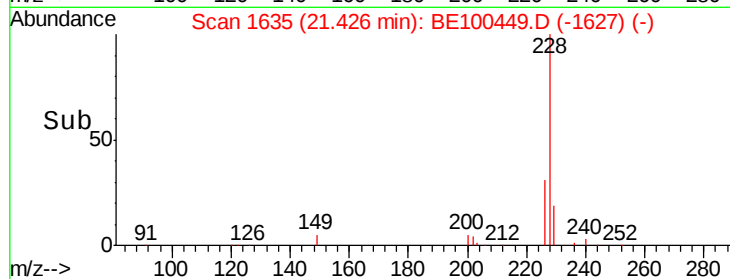
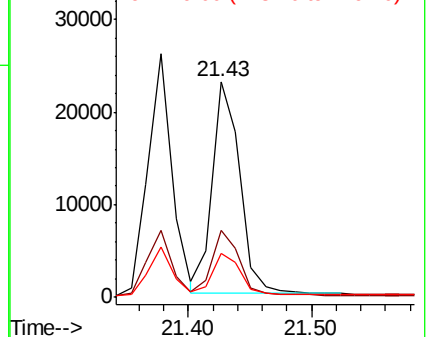


Abundance

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: 1.069 ng

RT: 21.32 min Scan# 1626

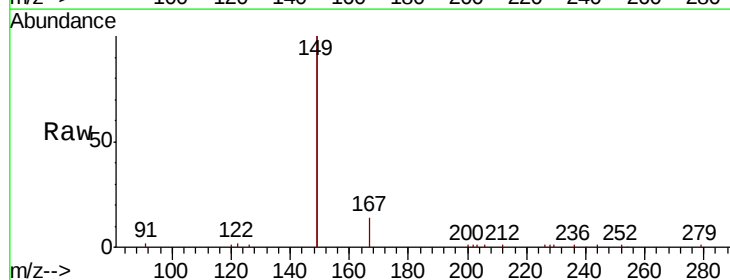
Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Tgt Ion:149 Resp: 60964

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.0	7.6
279	0.9	1.2	1.8

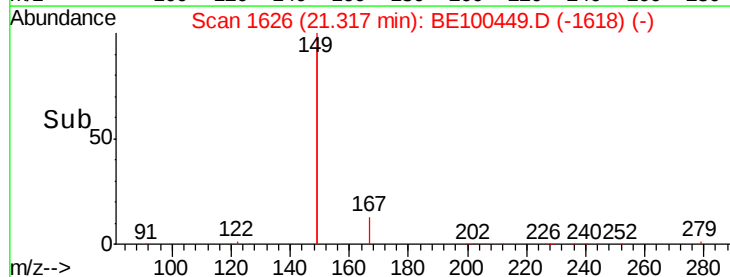
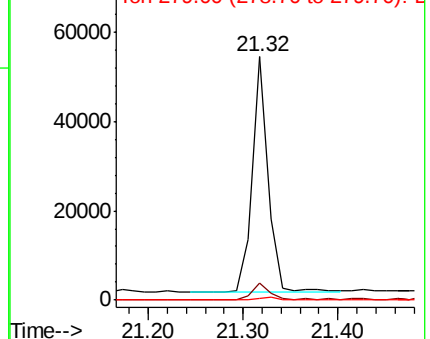


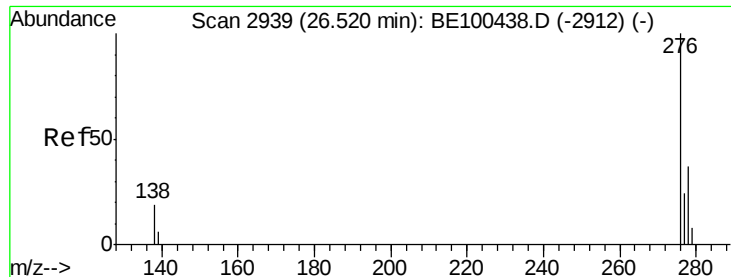
Abundance

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

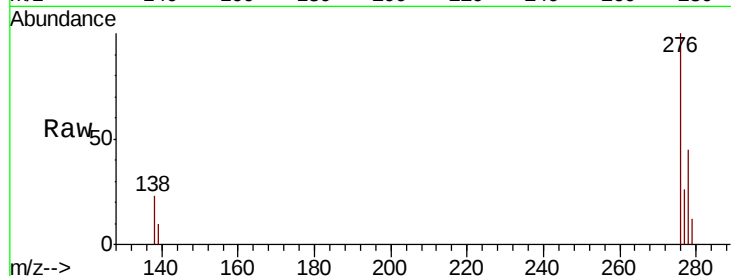




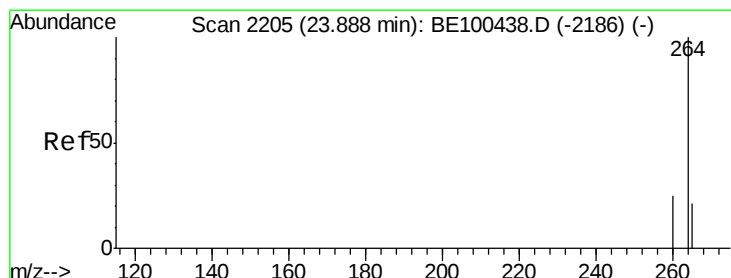
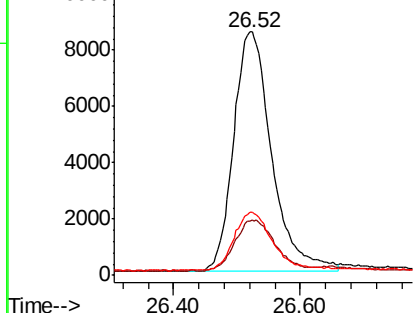
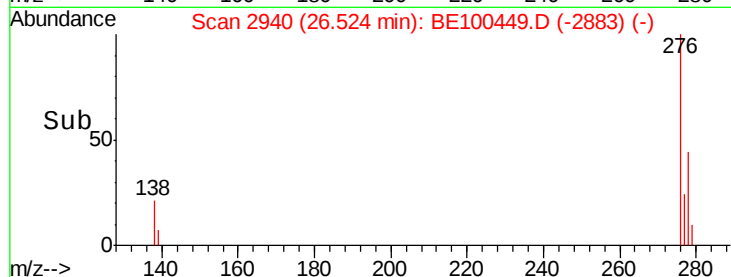
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 35520
Ion Ratio Lower Upper
276 100
138 22.2 17.0 25.6
277 24.4 19.8 29.6

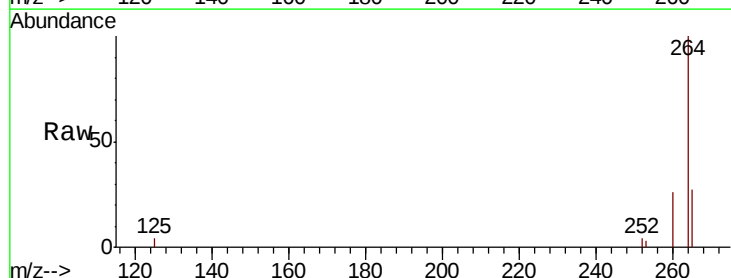


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

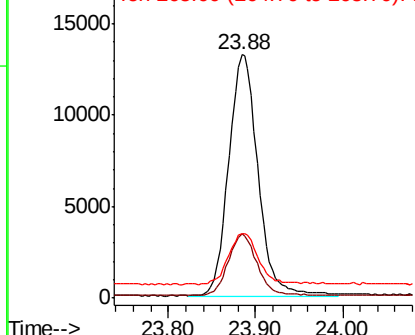
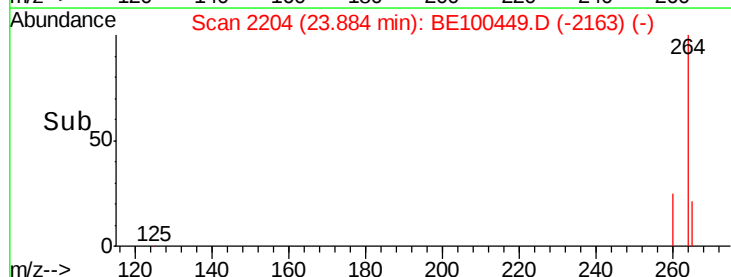


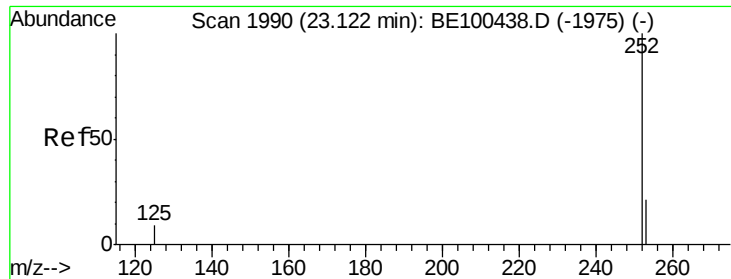
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:264 Resp: 30845
Ion Ratio Lower Upper
264 100
260 26.3 20.0 30.0
265 26.6 22.2 33.4



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

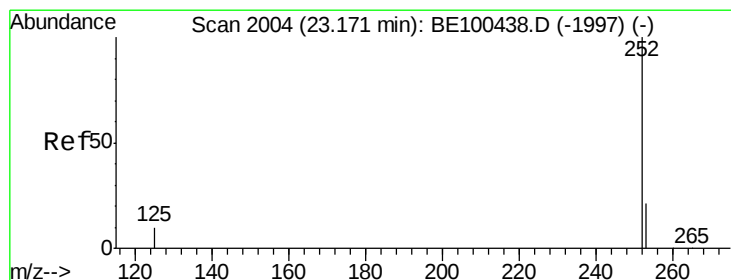
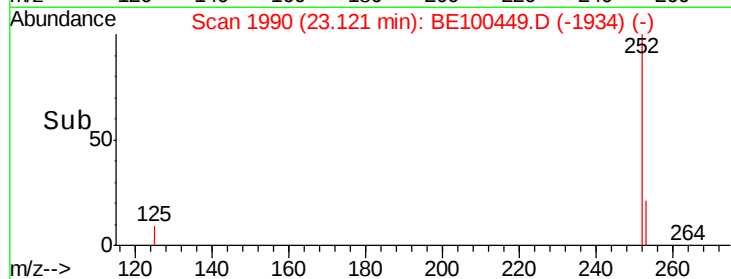
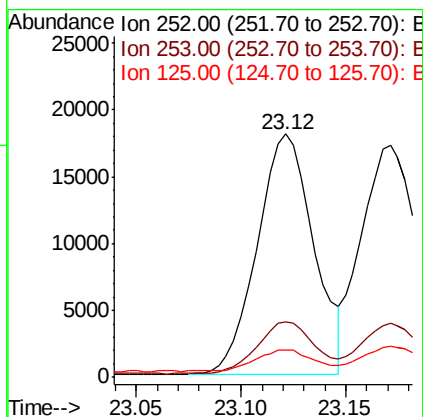
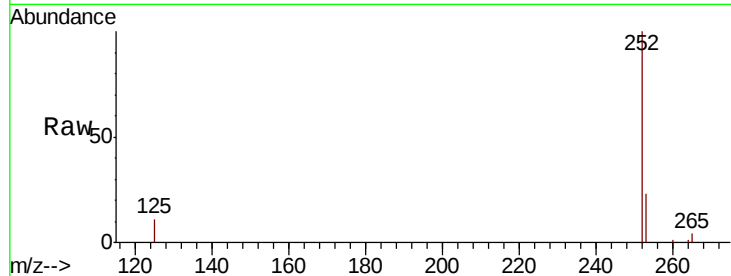




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

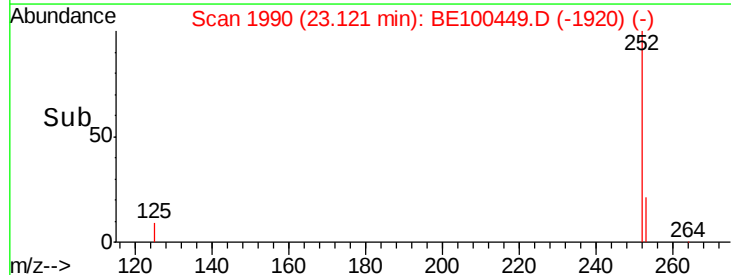
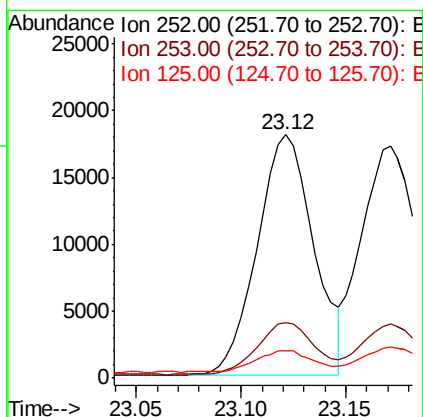
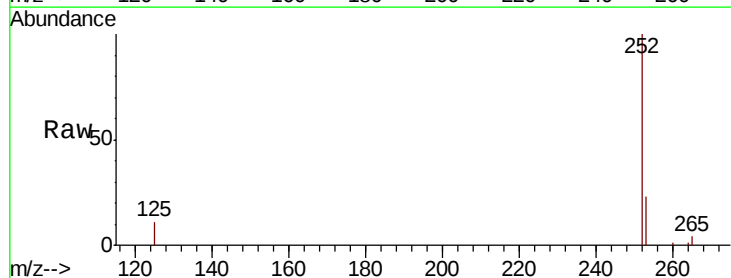
Instrument :
BNA_E
ClientSampleId :

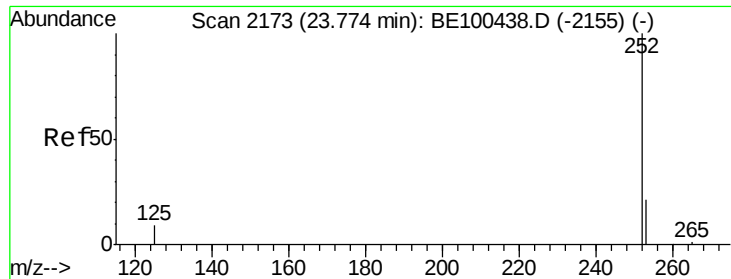
Tot Ion:252 Resp: 33746
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.5 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:252 Resp: 33746
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.5 8.3 12.5





#37

Benzo(a)pyrene

Concen: 0.424 ng

RT: 23.77 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :

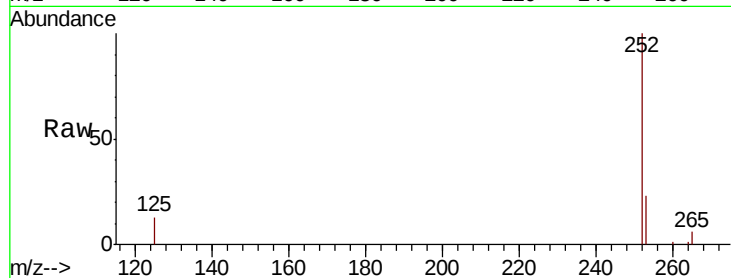
Tot Ion:252 Resp: 32858

Ion Ratio Lower Upper

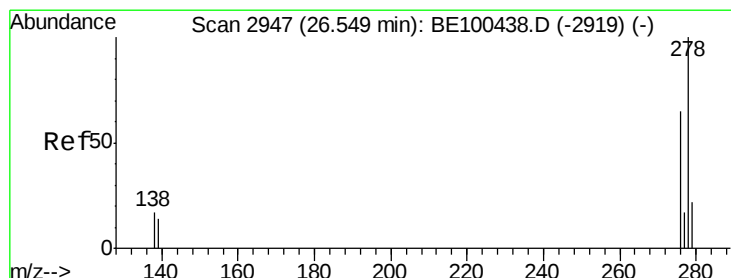
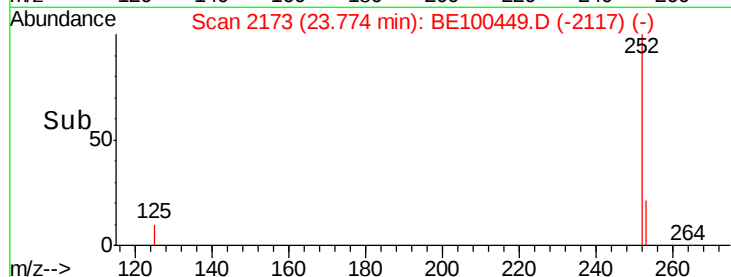
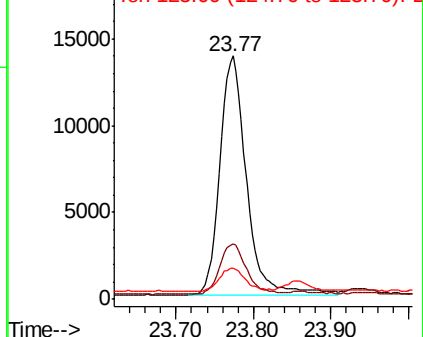
252 100

253 23.0 18.0 27.0

125 13.0 9.0 13.6



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: 0.348 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

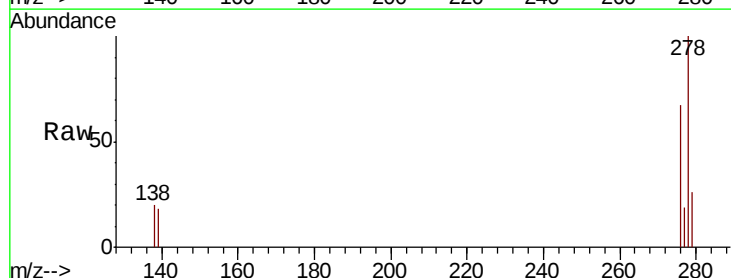
Tgt Ion:278 Resp: 28757

Ion Ratio Lower Upper

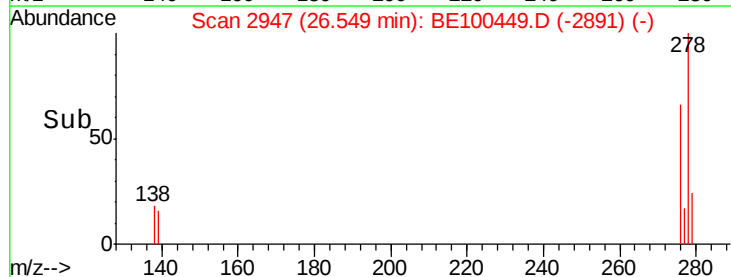
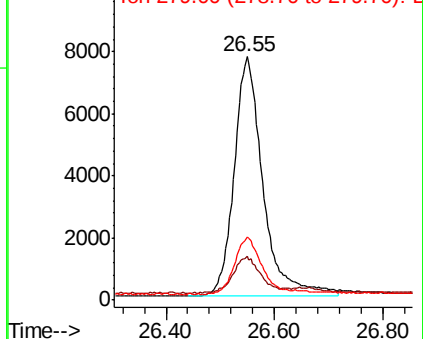
278 100

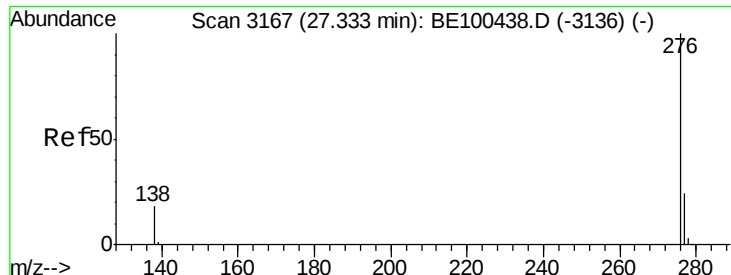
139 18.3 12.2 18.2#

279 26.0 18.6 27.8



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: 0.345 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

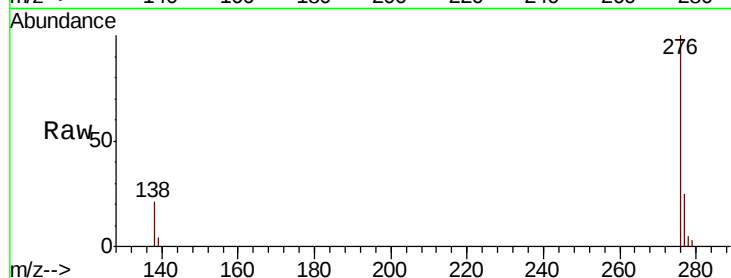
Lab File: BE100449.D

Acq: 17 Jul 2019 14:02

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 29786

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 21.4 15.1 22.7

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

