

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100083.D
 Acq On : 19 Jun 2019 15:01
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061919

Quant Time: Jun 19 17:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	554	0.40	ng	0.02
7) Naphthalene-d8	10.56	136	2068	0.40	ng	0.03
13) Acenaphthene-d10	14.43	164	1558	0.40	ng	0.01
19) Phenanthrene-d10	17.17	188	4937	0.40	ng	0.01
27) Chrysene-d12	21.35	240	7123	0.40	ng	0.01
34) Perylene-d12	23.85	264	7729	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	473	0.41	ng	0.00
5) Phenol-d6	6.94	99	655	0.41	ng	0.02
8) Nitrobenzene-d5	8.94	82	800	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	12.17	152	1474	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.93	330	300	0.35	ng	0.01
15) 2-Fluorobiphenyl	13.06	172	2605	0.43	ng	0.01
25) Fluoranthene-d10	19.20	212	27790	0.39	ng	0.00
29) Terphenyl-d14	19.81	244	5838	0.41	ng	0.00

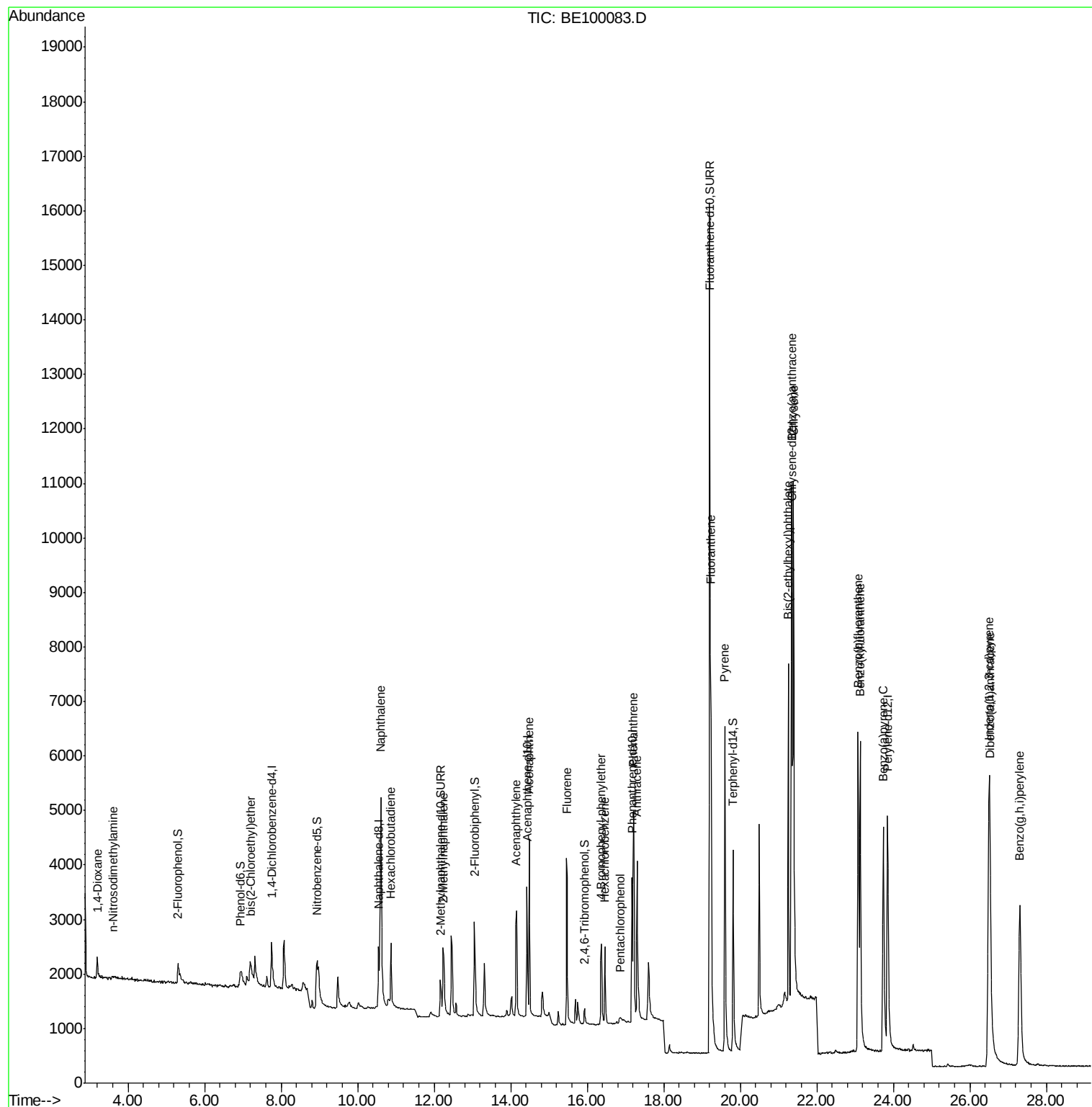
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	387	0.435	ng	90
3) n-Nitrosodimethylamine	3.60	42	104	0.520	ng	# 100
6) bis(2-Chloroethyl)ether	7.20	93	579	0.389	ng	# 69
9) Naphthalene	10.60	128	8792	0.391	ng	99
10) Hexachlorobutadiene	10.87	225	879	0.398	ng	98
12) 2-Methylnaphthalene	12.24	142	1436	0.389	ng	96
16) Acenaphthylene	14.15	152	2924	0.395	ng	99
17) Acenaphthene	14.48	154	1627	0.393	ng	99
18) Fluorene	15.46	166	2475	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.37	248	1141	0.389	ng	94
21) Hexachlorobenzene	16.47	284	1303	0.402	ng	97
22) Pentachlorophenol	16.87	266	190	0.423	ng	95
23) Phenanthrene	17.21	178	4658	0.394	ng	100
24) Anthracene	17.31	178	3940	0.395	ng	98
26) Fluoranthene	19.24	202	7569	0.399	ng	100
28) Pyrene	19.60	202	7478	0.408	ng	100
30) Benzo(a)anthracene	21.34	228	8415	0.397	ng	97
31) Chrysene	21.39	228	9991	0.406	ng	100
32) Bis(2-ethylhexyl)phthalate	21.26	149	7034	0.352	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	11036	0.398	ng	# 95
35) Benzo(b)fluoranthene	23.08	252	8935	0.394	ng	99
36) Benzo(k)fluoranthene	23.13	252	10228	0.396	ng	98
37) Benzo(a)pyrene	23.74	252	8542	0.390	ng	97
38) Dibenzo(a,h)anthracene	26.53	278	8818	0.393	ng	97
39) Benzo(g,h,i)perylene	27.30	276	9172	0.393	ng	98

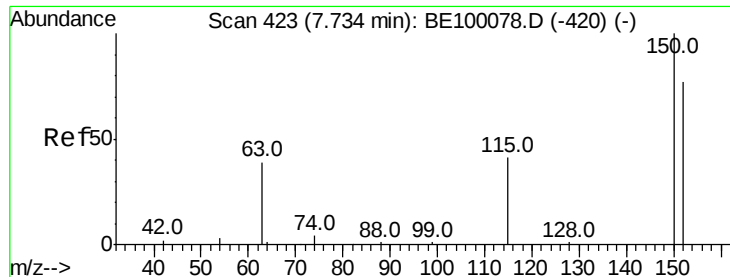
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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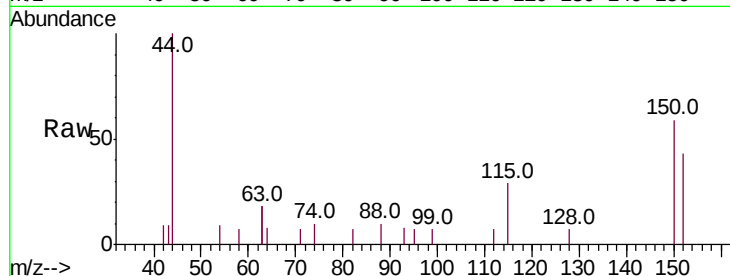


#1

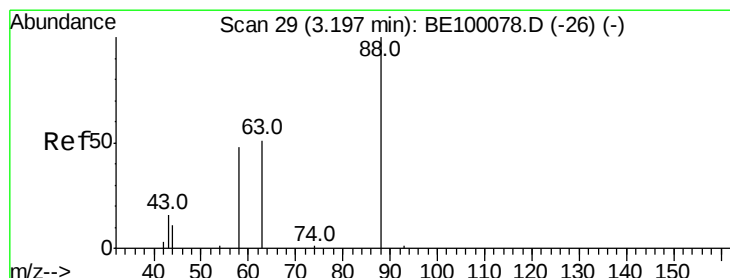
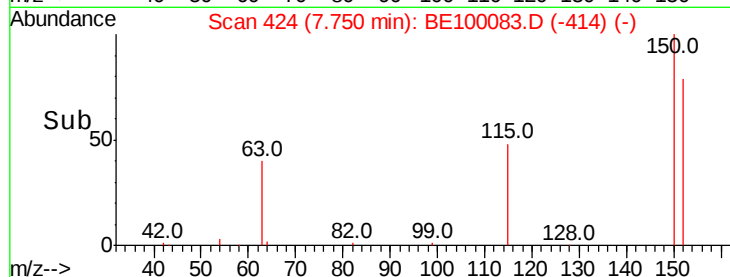
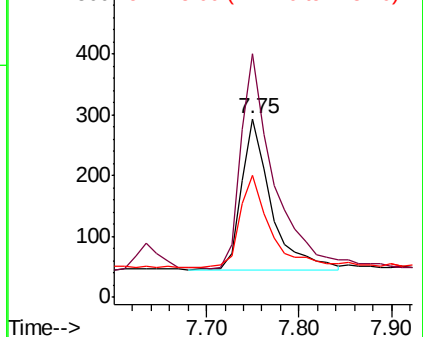
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.75 min Scan# 424
 Delta R.T. 0.02 min
 Lab File: BE100083.D
 Acq: 19 Jun 2019 15:01

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061919

Tot Ion:152 Resp: 554
 Ion Ratio Lower Upper
 152 100
 150 136.4 99.8 149.8
 115 68.0 51.3 76.9



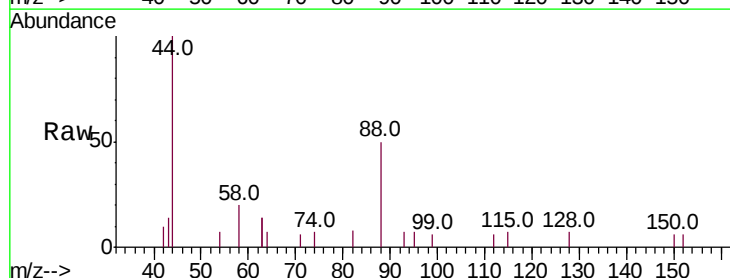
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



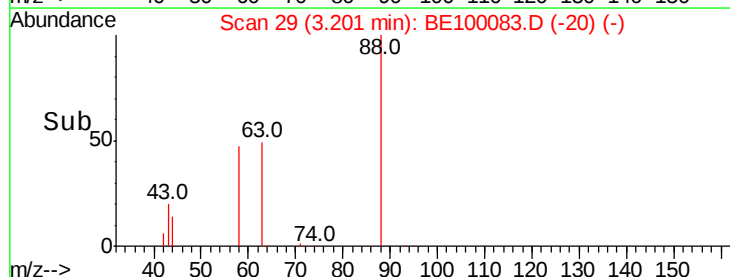
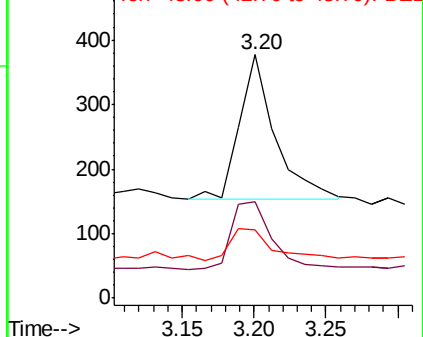
#2

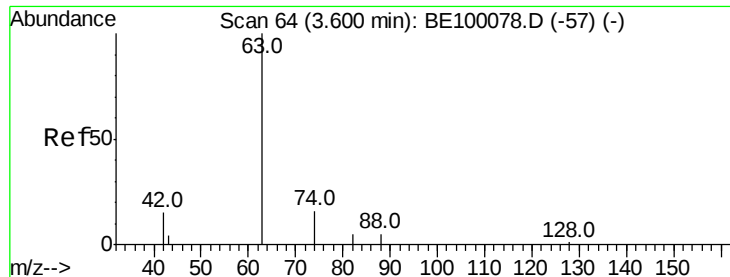
1,4-Dioxane
 Concen: 0.435 ng
 RT: 3.20 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BE100083.D
 Acq: 19 Jun 2019 15:01

Tgt Ion: 88 Resp: 387
 Ion Ratio Lower Upper
 88 100
 58 53.0 51.1 76.7
 43 27.9 21.7 32.5



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: 0.520 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

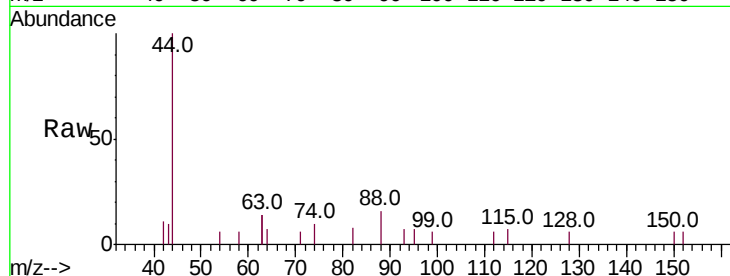
Tot Ion: 42 Resp: 104

Ion Ratio Lower Upper

42 100

74 106.7 0.0 0.0#

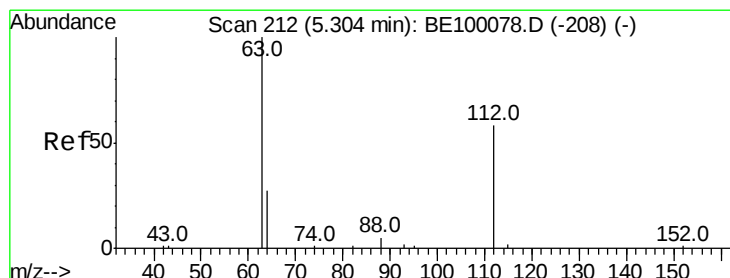
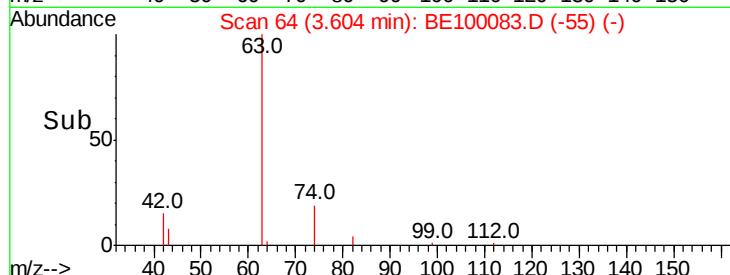
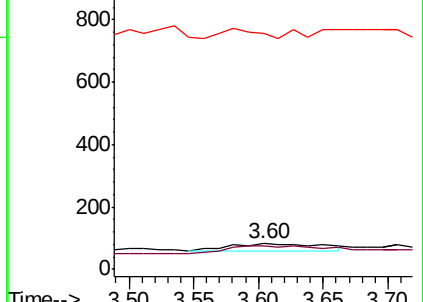
44 0.0 0.0 0.0



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: 0.411 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

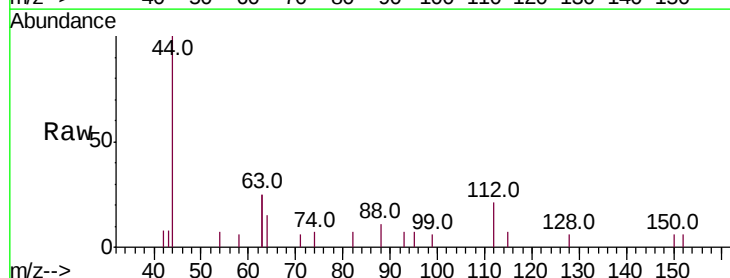
Tgt Ion: 112 Resp: 473

Ion Ratio Lower Upper

112 100

64 56.2 22.0 33.0#

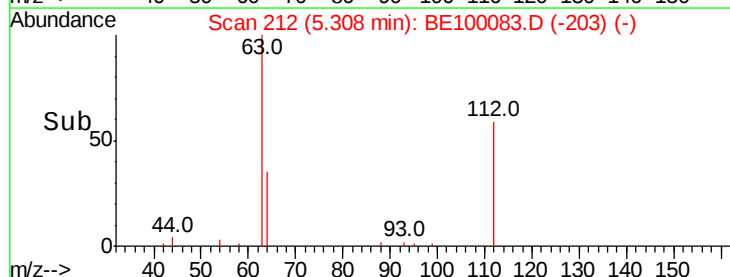
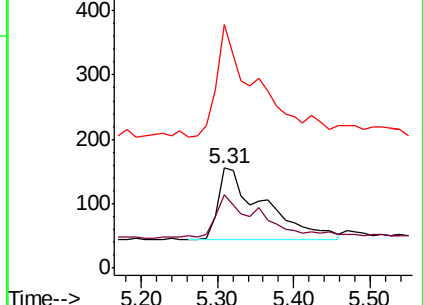
63 134.9 121.8 182.6

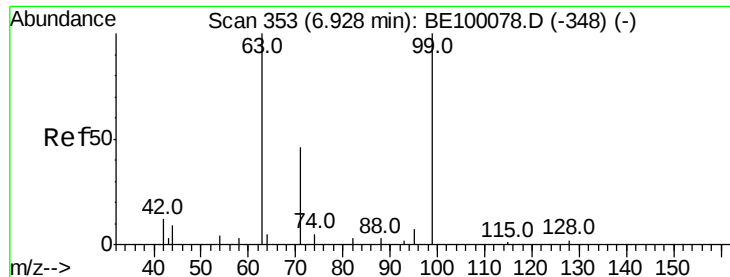


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.02 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

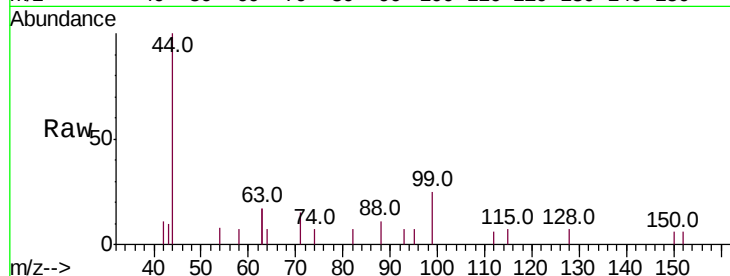
Tot Ion: 99 Resp: 655

Ion Ratio Lower Upper

99 100

42 17.9 0.0 0.0#

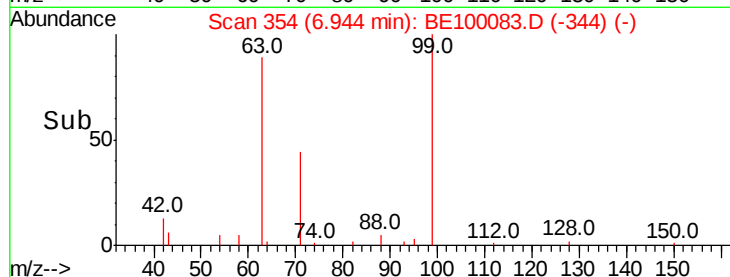
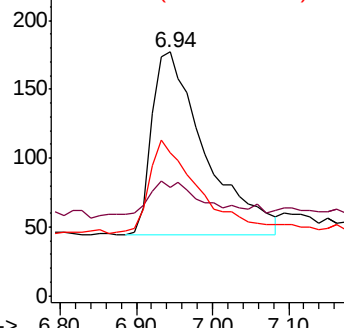
71 50.8 37.6 56.4



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: 0.389 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

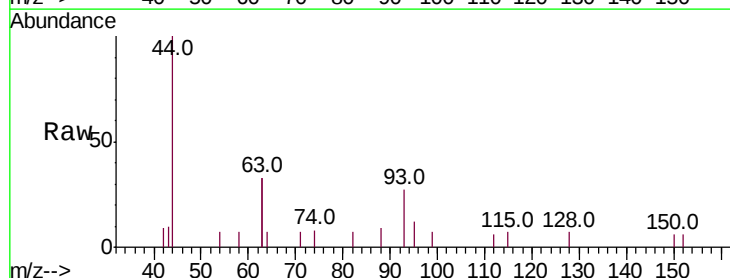
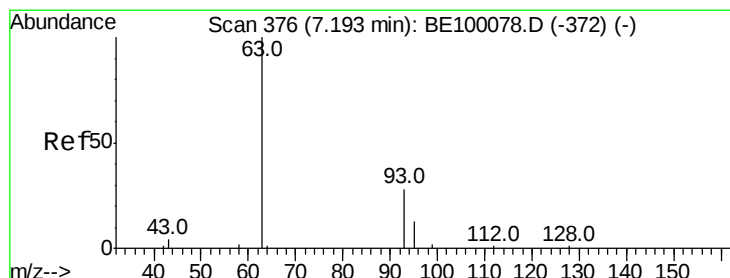
Tgt Ion: 93 Resp: 579

Ion Ratio Lower Upper

93 100

63 193.3 200.0 300.0#

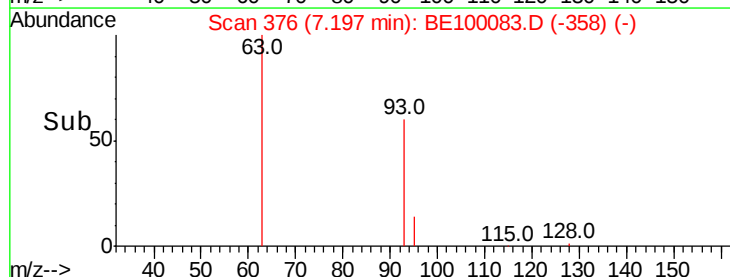
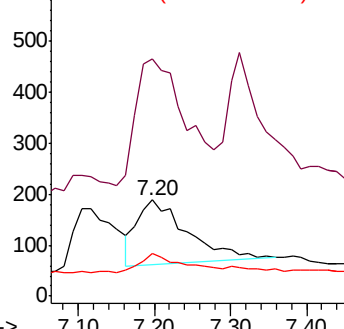
95 22.6 24.0 36.0#

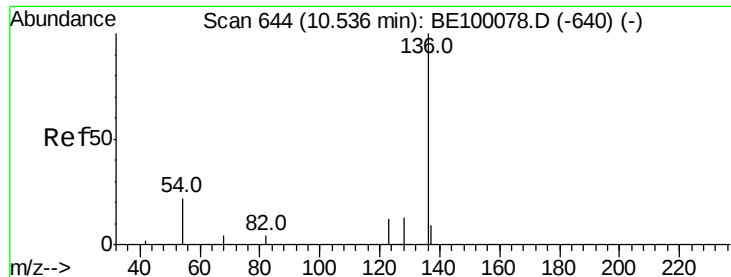


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.56 min Scan# 646

Delta R.T. 0.03 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

Tot Ion:136 Resp: 2068

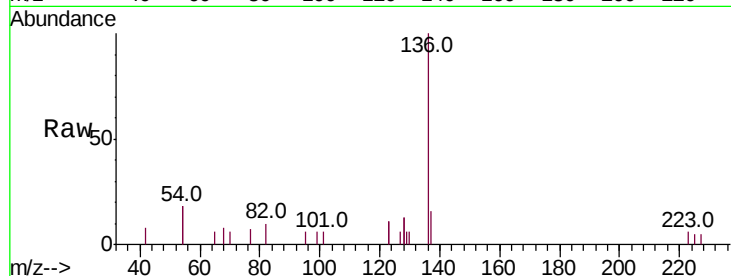
Ion Ratio Lower Upper

136 100

137 15.7 11.6 17.4

54 35.7 33.9 50.9

68 8.2 7.8 11.8

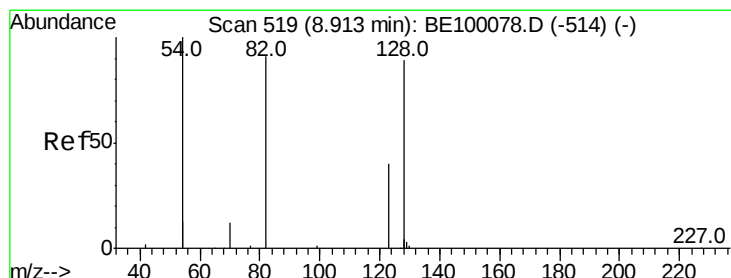
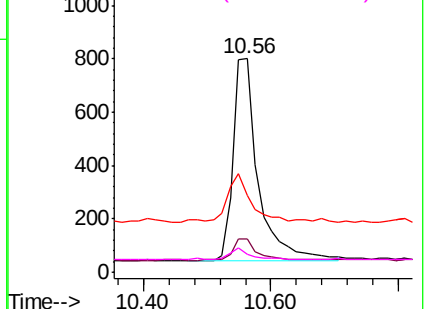
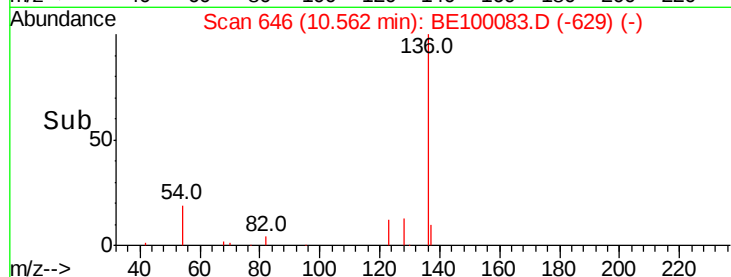


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

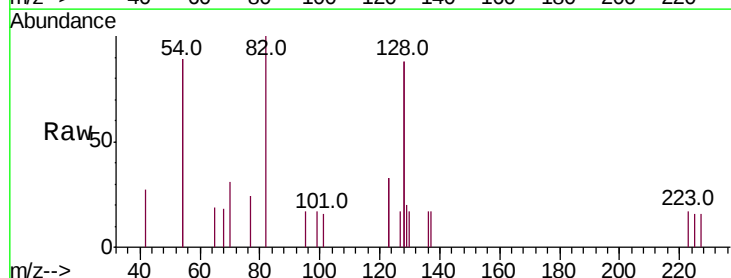
Tgt Ion: 82 Resp: 800

Ion Ratio Lower Upper

82 100

128 175.8 128.0 192.0

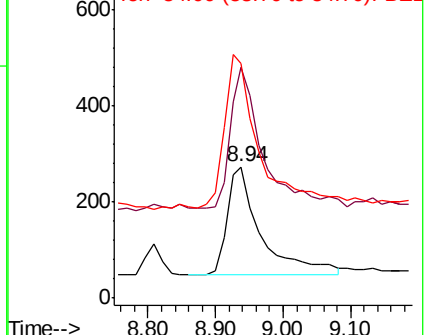
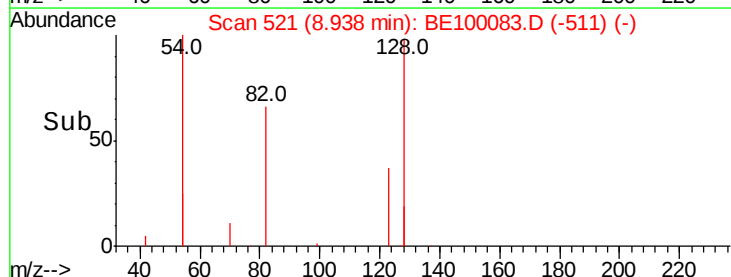
54 178.8 143.4 215.0

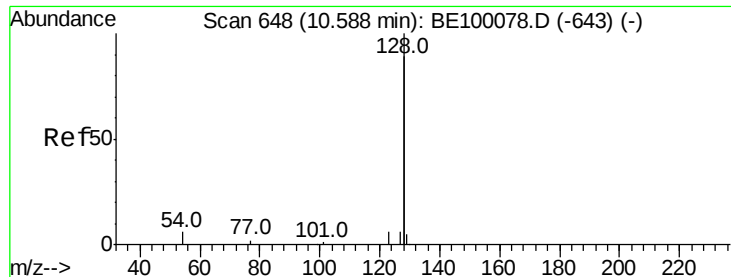


Abundance Ion 82.00 (81.70 to 82.70): BE1

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

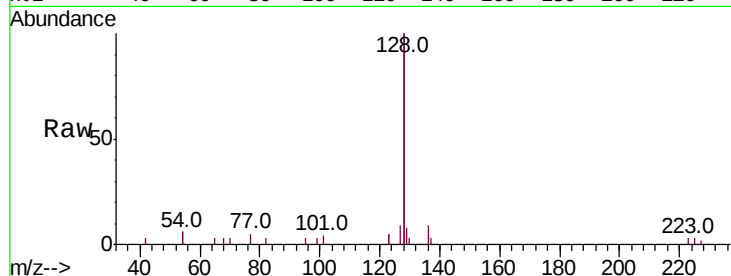
Tot Ion:128 Resp: 8792

Ion Ratio Lower Upper

128 100

129 3.8 3.1 4.7

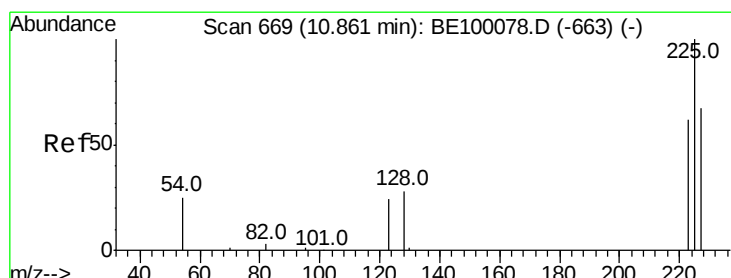
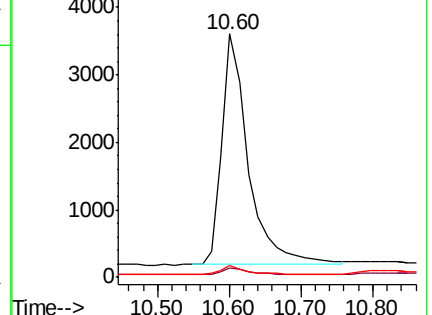
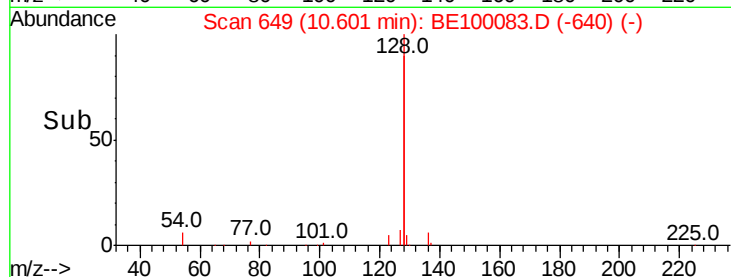
127 4.7 3.4 5.2



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: 0.398 ng

RT: 10.87 min Scan# 670

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

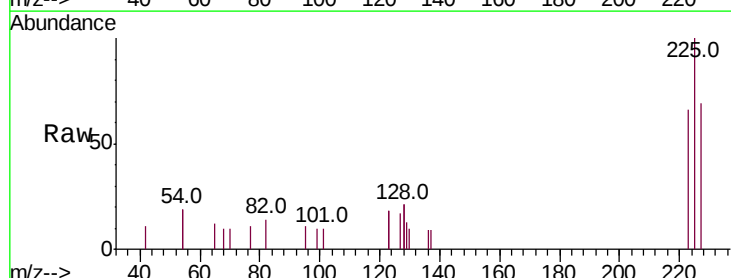
Tgt Ion:225 Resp: 879

Ion Ratio Lower Upper

225 100

223 63.4 52.2 78.4

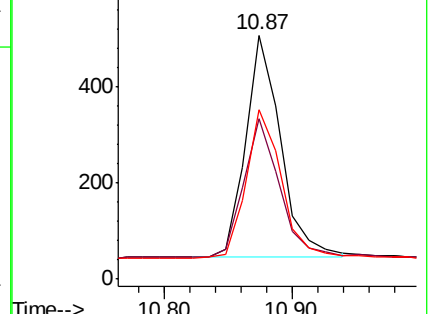
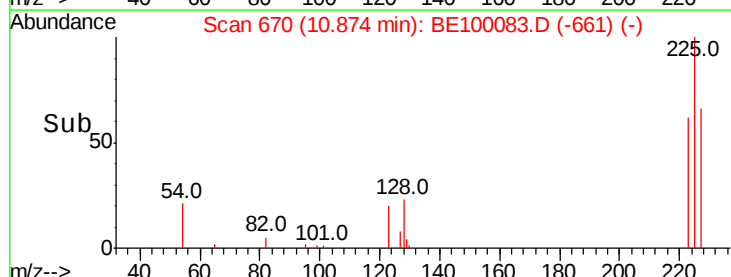
227 66.9 53.0 79.6

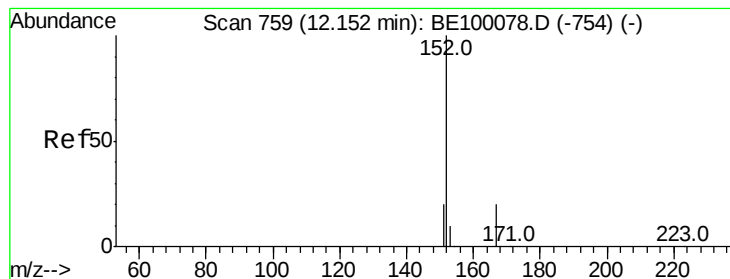


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

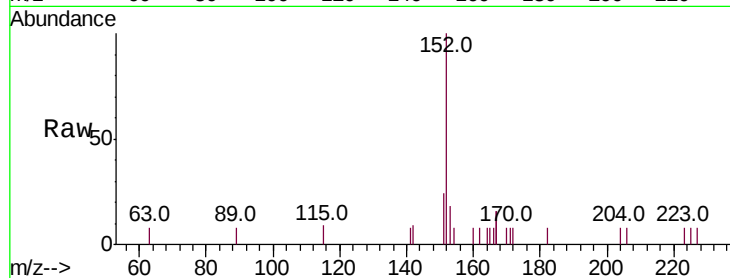
ICVBE061919

Tot Ion:152 Resp: 1474

Ion Ratio Lower Upper

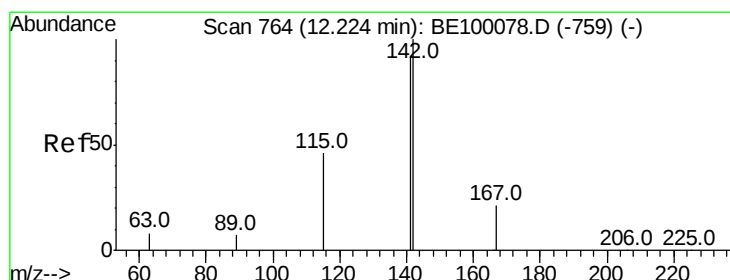
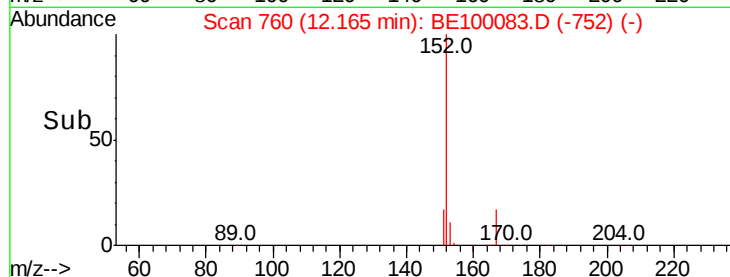
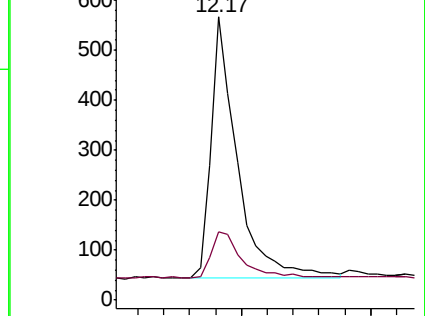
152 100

151 21.3 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: 0.389 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

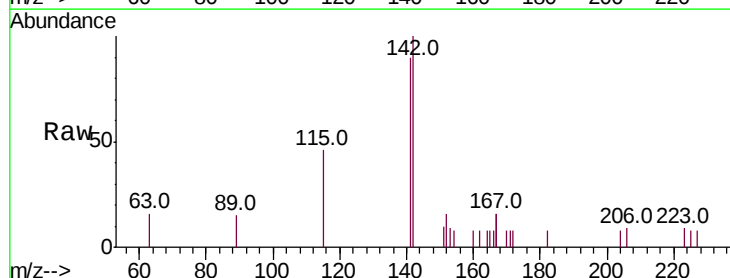
Tgt Ion:142 Resp: 1436

Ion Ratio Lower Upper

142 100

141 90.5 74.1 111.1

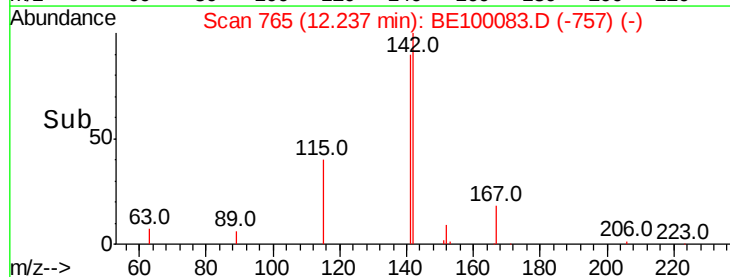
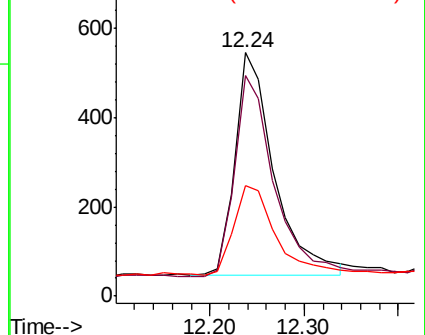
115 45.5 40.9 61.3

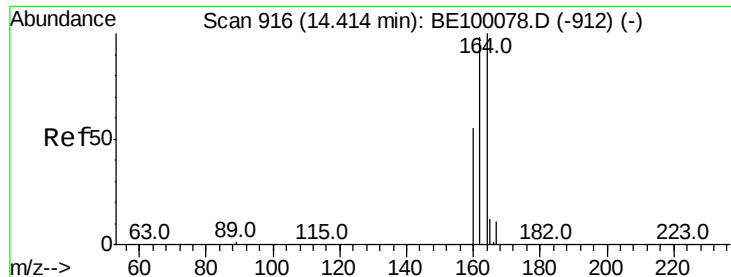


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

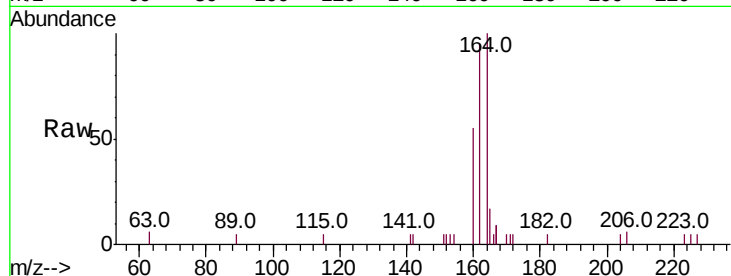




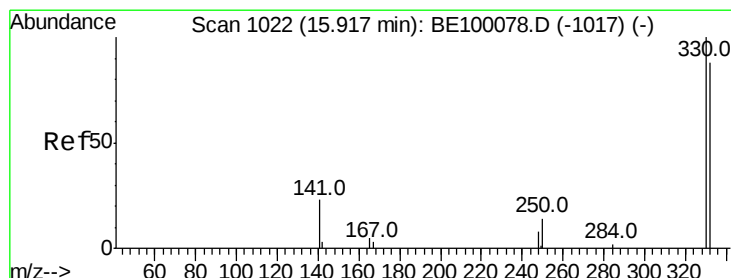
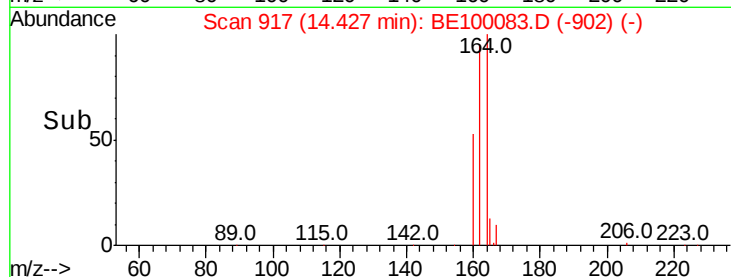
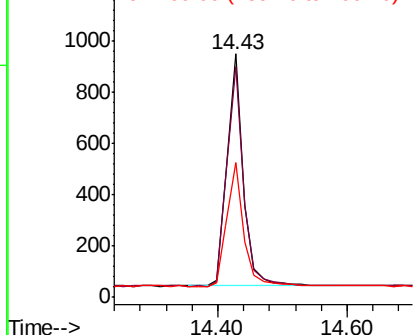
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

Instrument :
BNA_E
ClientSampleId :
ICVBE061919

Tot Ion:164 Resp: 1558
Ion Ratio Lower Upper
164 100
162 94.8 78.2 117.2
160 55.4 45.6 68.4

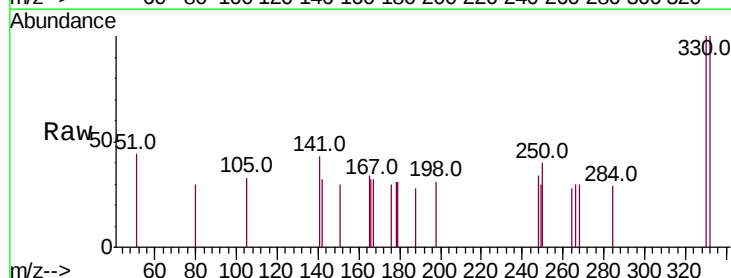


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

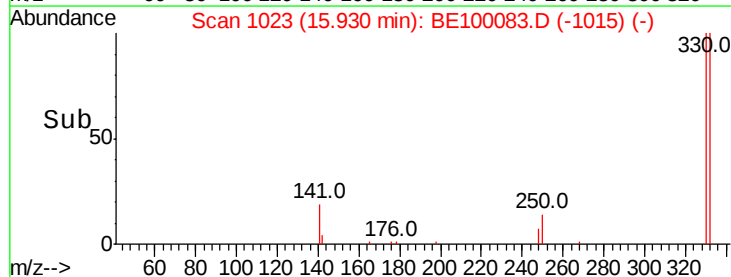
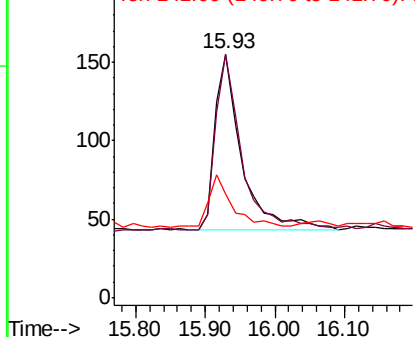


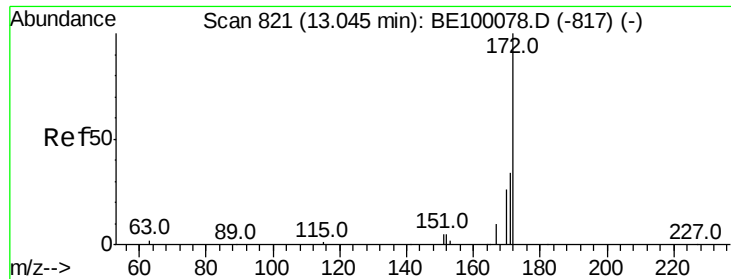
#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

Tgt Ion:330 Resp: 300
Ion Ratio Lower Upper
330 100
332 99.0 73.3 109.9
141 23.3 22.2 33.2



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

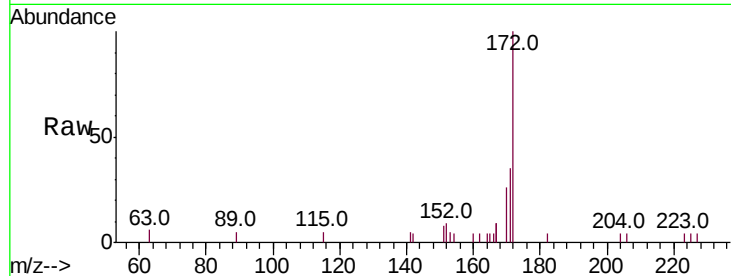




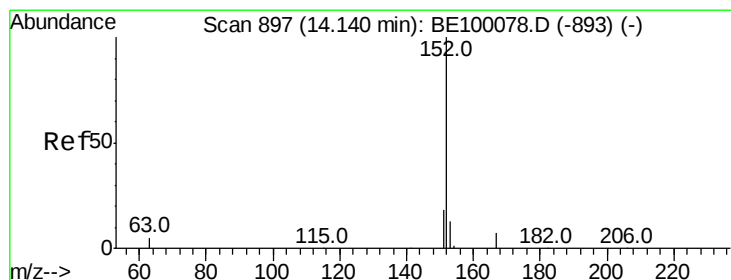
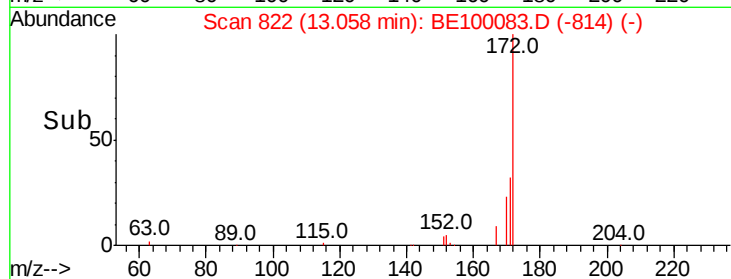
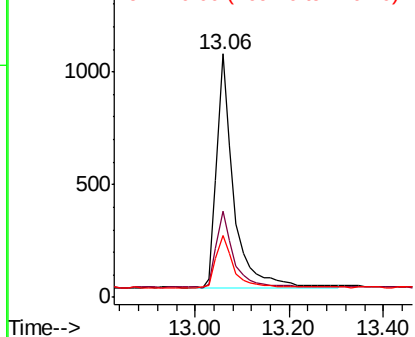
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.06 min Scan# 822
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

Instrument :
BNA_E
ClientSampleId :
ICVBE061919

Tot Ion:172 Resp: 2605
Ion Ratio Lower Upper
172 100
171 35.2 29.8 44.8
170 25.6 23.2 34.8

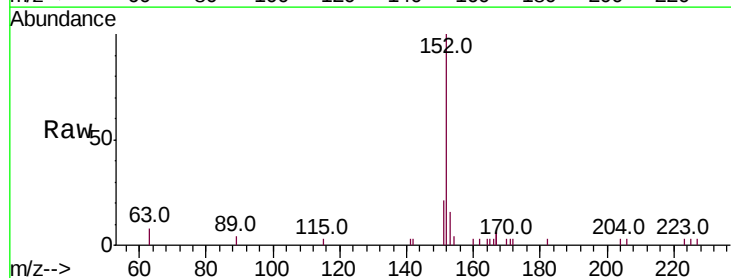


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

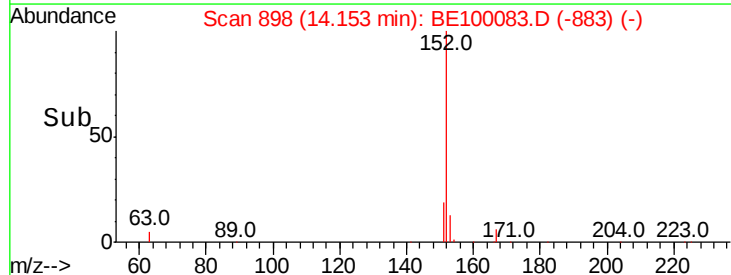
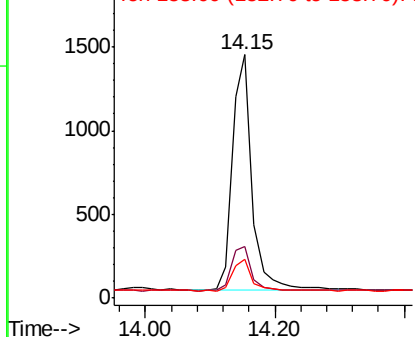


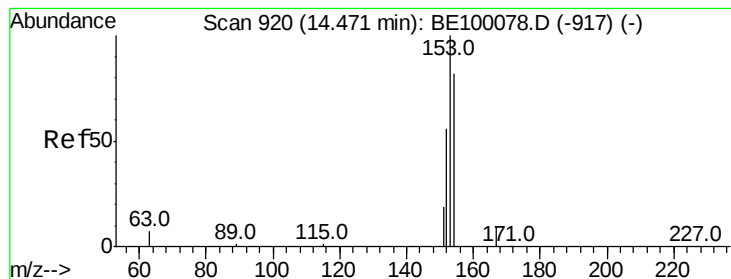
#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.15 min Scan# 898
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

Tgt Ion:152 Resp: 2924
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.1 15.1



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: 0.393 ng

RT: 14.48 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

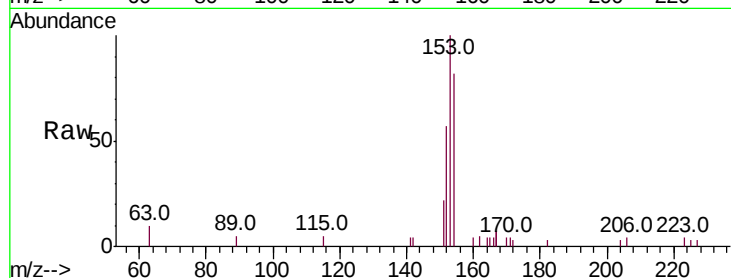
Tot Ion:154 Resp: 1627

Ion Ratio Lower Upper

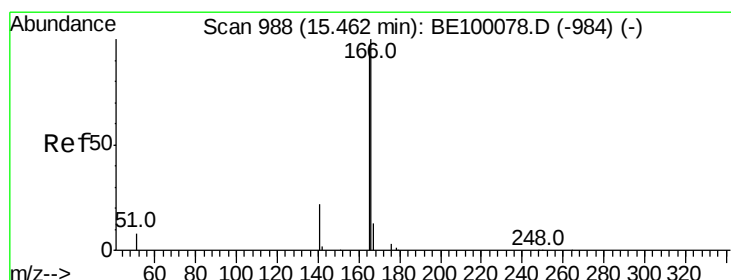
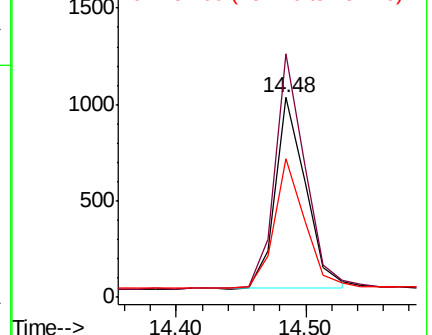
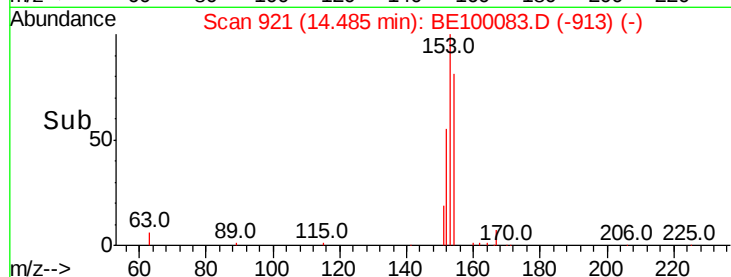
154 100

153 120.7 95.5 143.3

152 68.5 54.9 82.3



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: 0.402 ng

RT: 15.46 min Scan# 988

Delta R.T. -0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

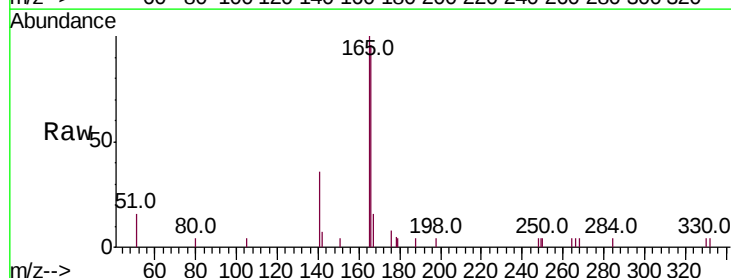
Tgt Ion:166 Resp: 2475

Ion Ratio Lower Upper

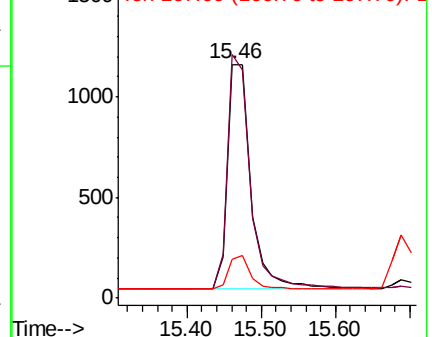
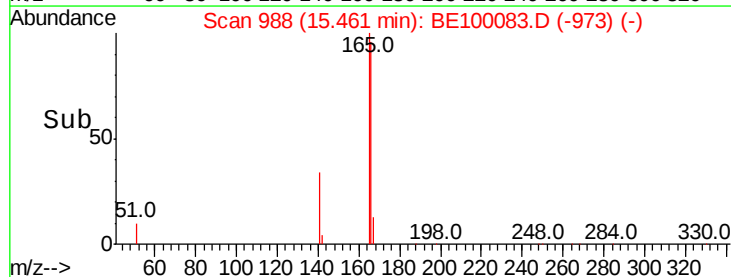
166 100

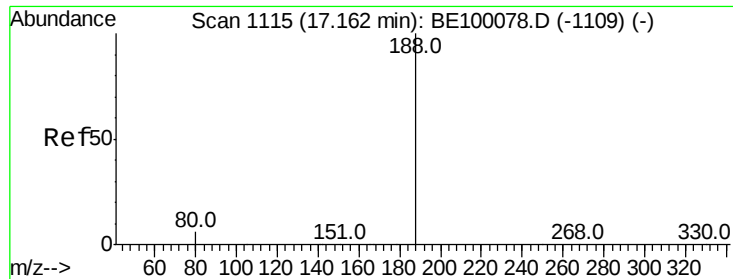
165 100.4 79.8 119.8

167 14.1 10.2 15.4



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: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

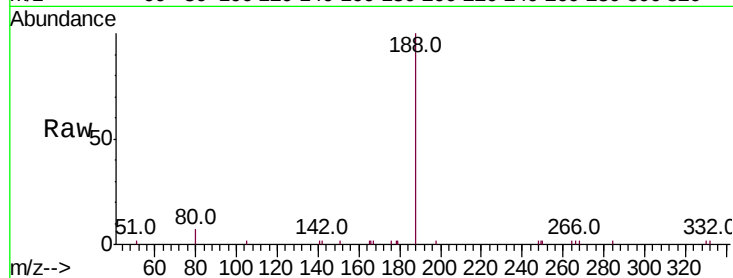
Tot Ion:188 Resp: 4937

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

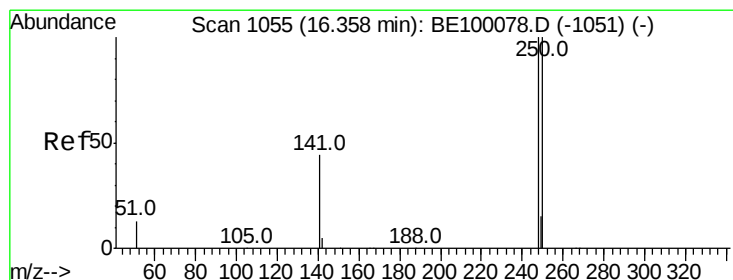
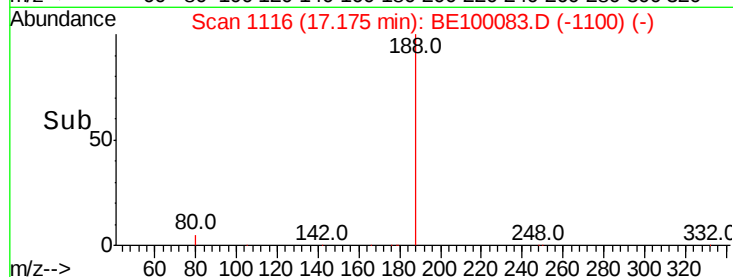
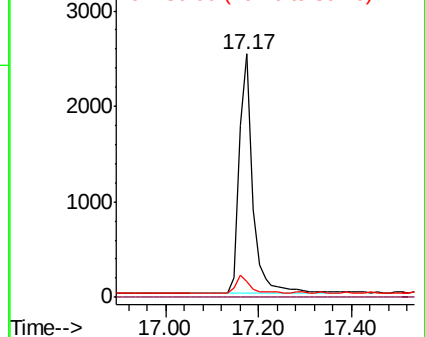
80 6.7 6.3 9.5



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: 0.389 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

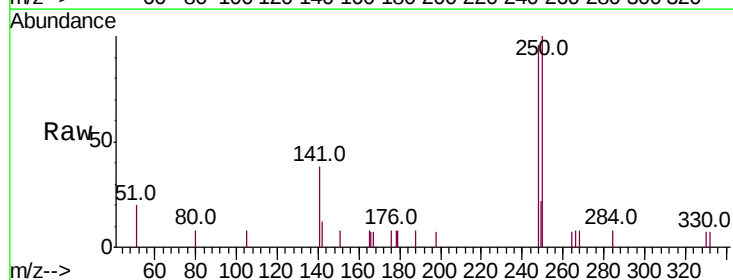
Tgt Ion:248 Resp: 1141

Ion Ratio Lower Upper

248 100

250 103.7 80.6 120.8

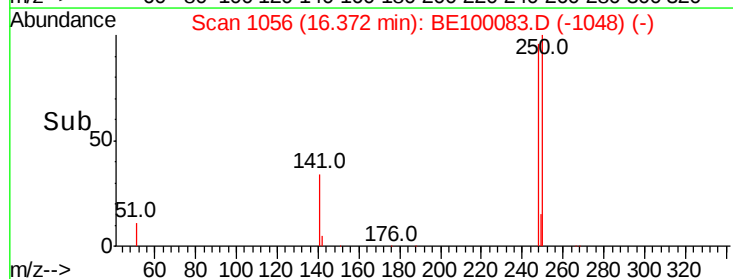
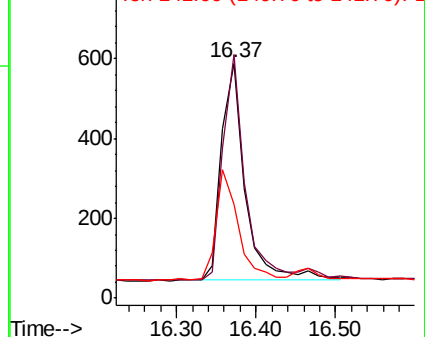
141 39.8 38.8 58.2

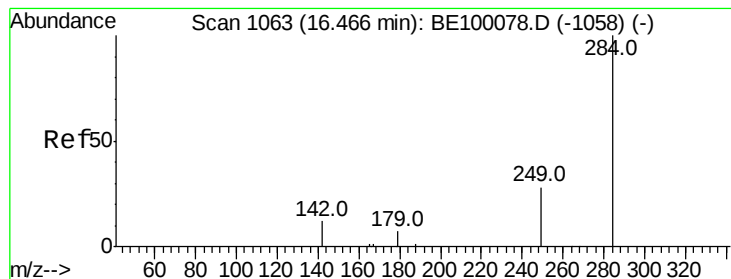


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.47 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

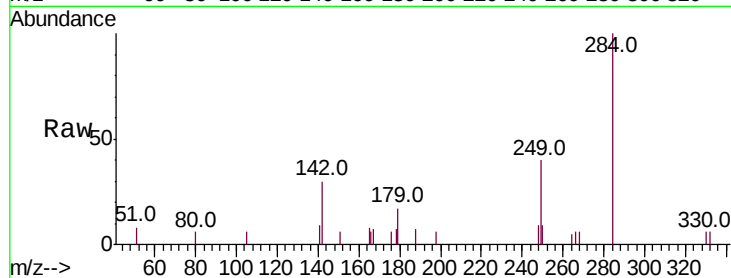
Tot Ion:284 Resp: 1303

Ion Ratio Lower Upper

284 100

142 23.9 20.7 31.1

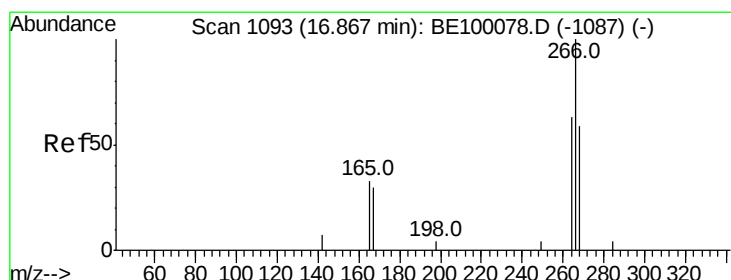
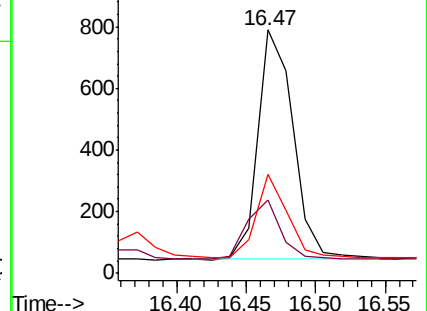
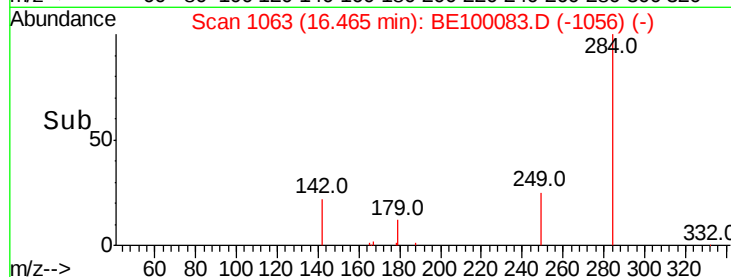
249 31.8 26.6 39.8



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: 0.423 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

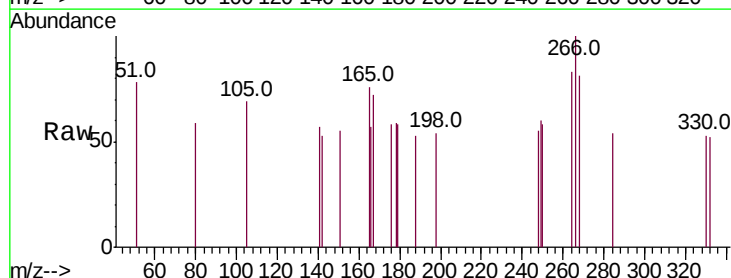
Tgt Ion:266 Resp: 190

Ion Ratio Lower Upper

266 100

264 83.1 67.8 101.6

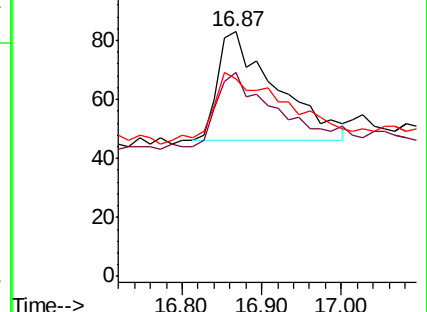
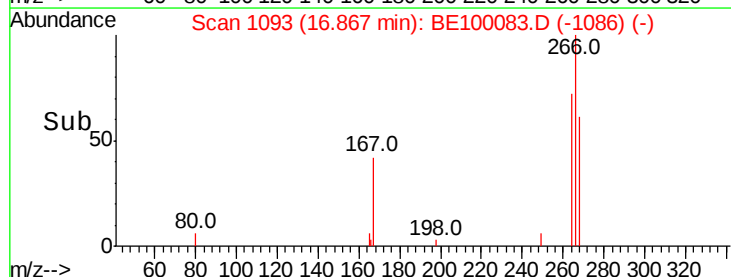
268 80.7 70.0 105.0

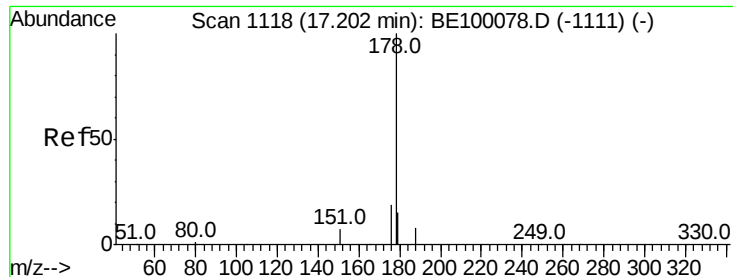


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

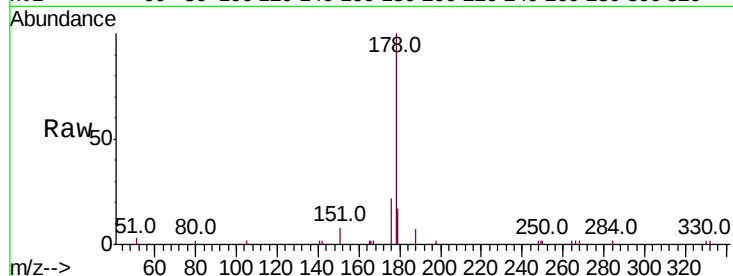
Tot Ion:178 Resp: 4658

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

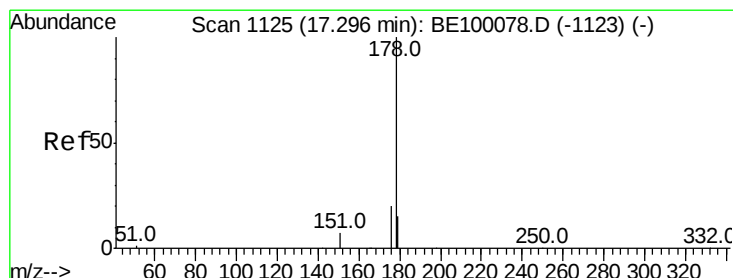
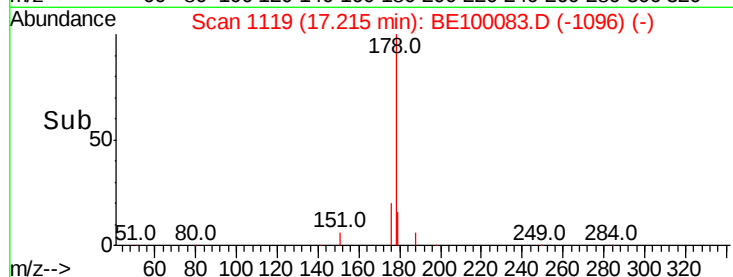
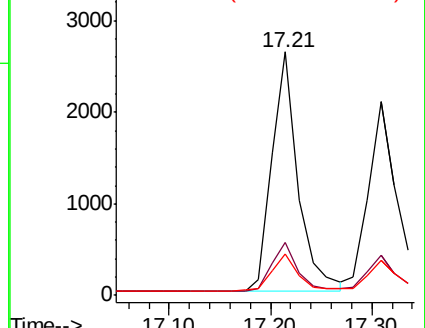
179 16.2 13.1 19.7



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: 0.395 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

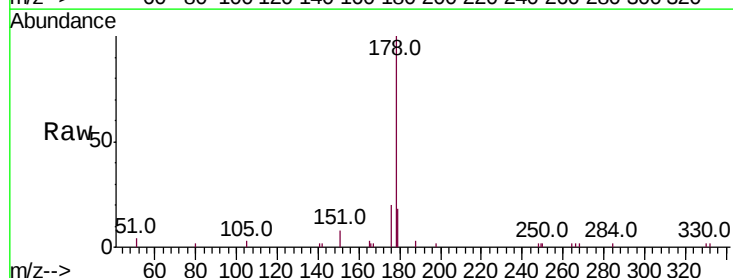
Tgt Ion:178 Resp: 3940

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

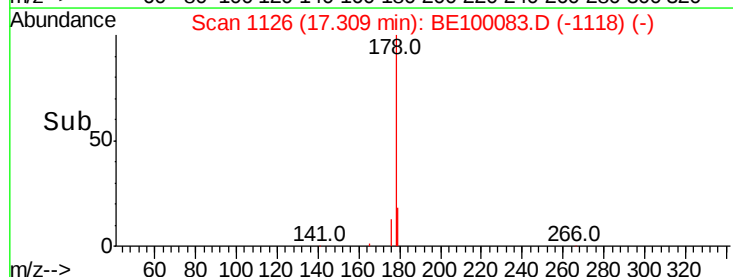
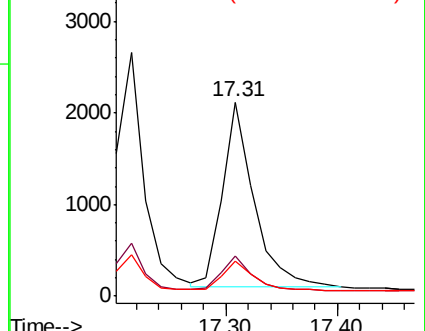
179 15.5 12.0 18.0

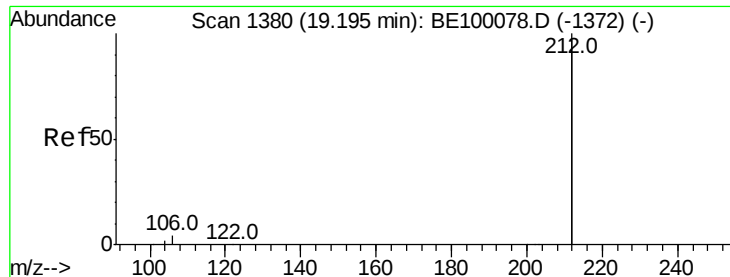


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

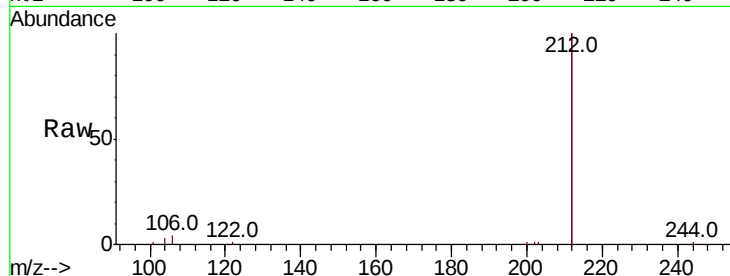
Tot Ion:212 Resp: 27790

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

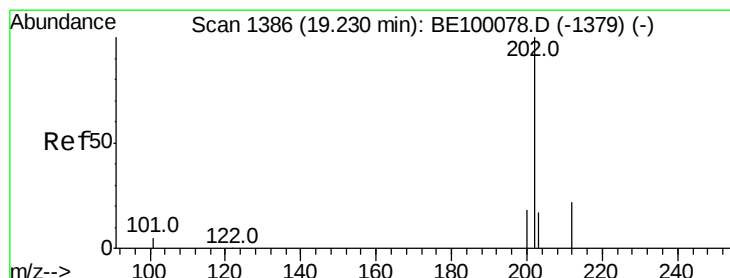
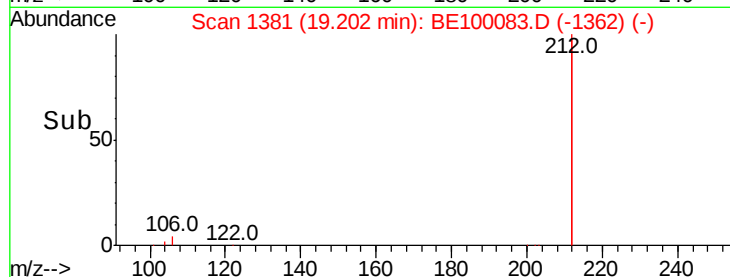
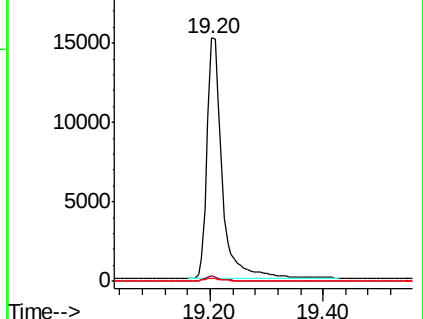
104 0.9 0.8 1.2



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: 0.399 ng

RT: 19.24 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

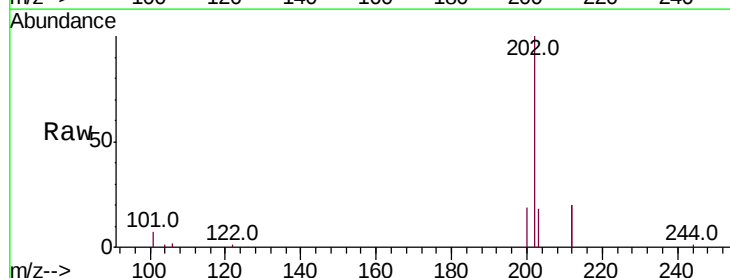
Tgt Ion:202 Resp: 7569

Ion Ratio Lower Upper

202 100

101 6.4 5.0 7.4

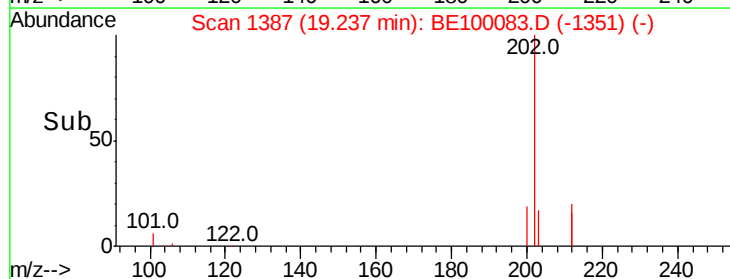
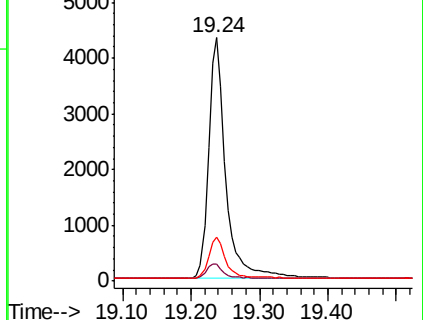
203 16.9 13.7 20.5

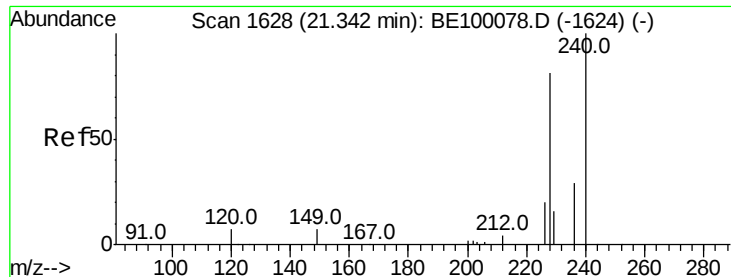


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

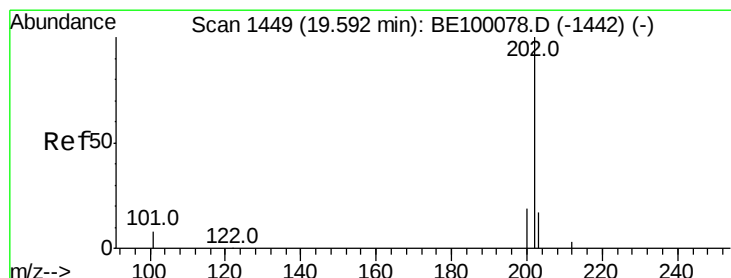
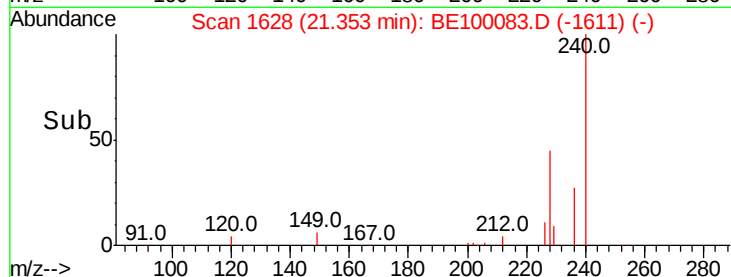
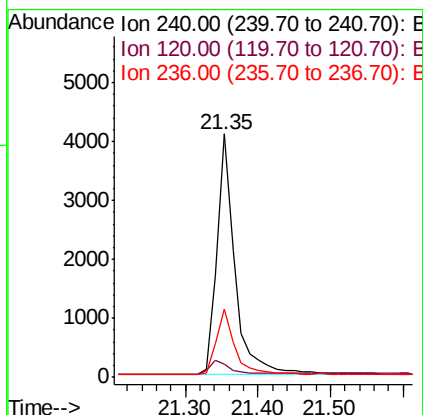
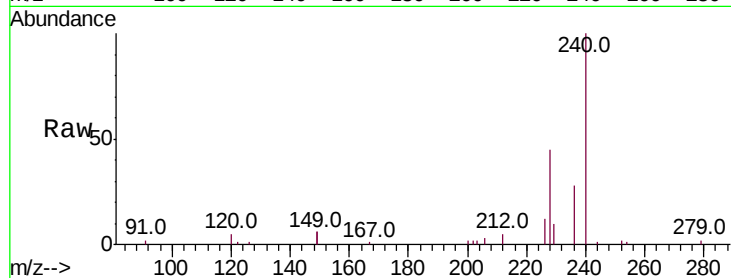




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: BE100083.D
 Acq: 19 Jun 2019 15:01

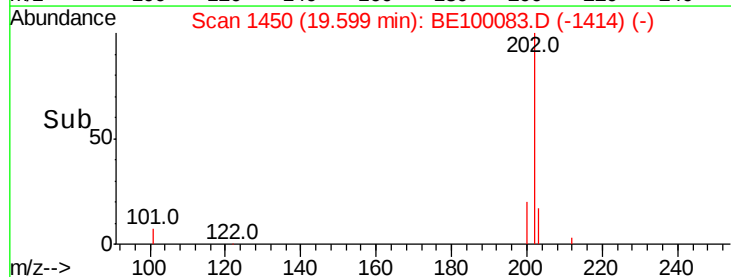
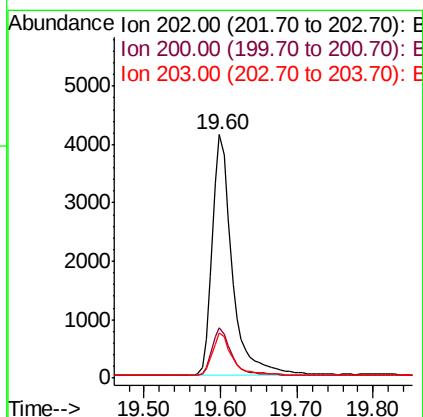
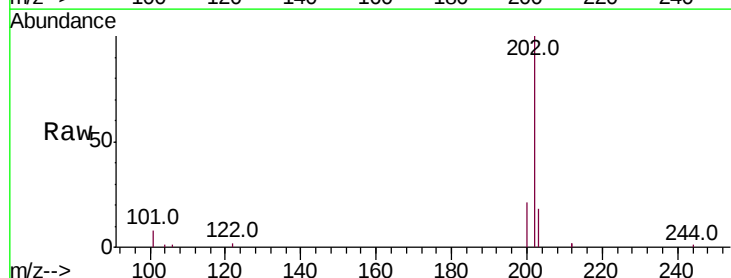
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061919

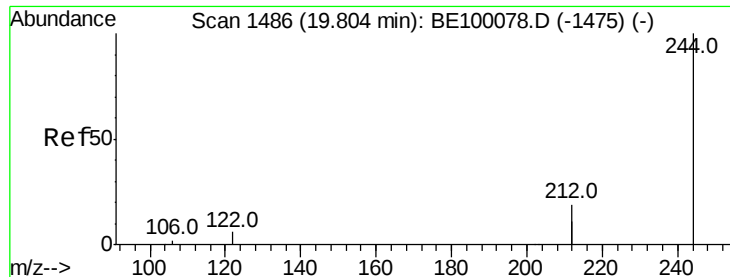
Tot Ion:240 Resp: 7123
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.6 10.0#
 236 27.9 23.8 35.6



#28
 Pyrene
 Concen: 0.408 ng
 RT: 19.60 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BE100083.D
 Acq: 19 Jun 2019 15:01

Tgt Ion:202 Resp: 7478
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

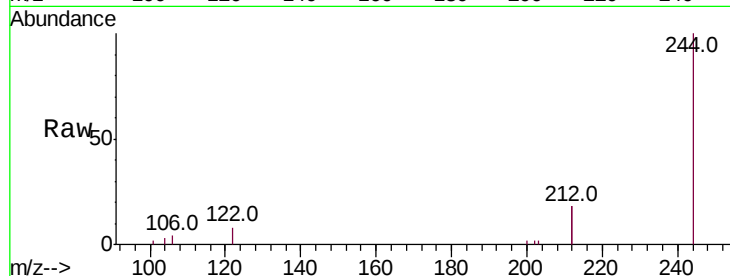
Tot Ion:244 Resp: 5838

Ion Ratio Lower Upper

244 100

212 35.1 29.8 44.8

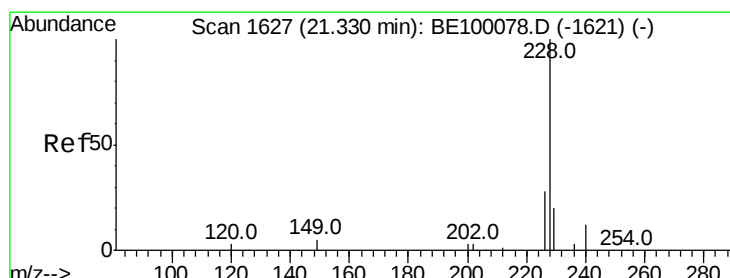
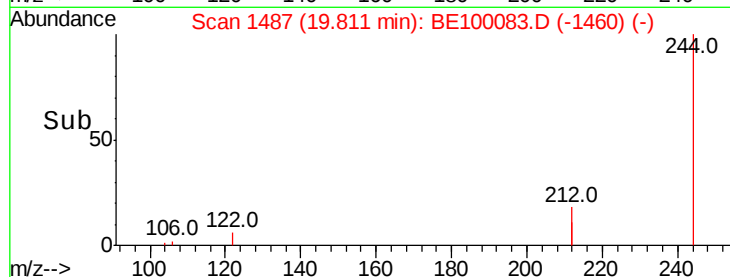
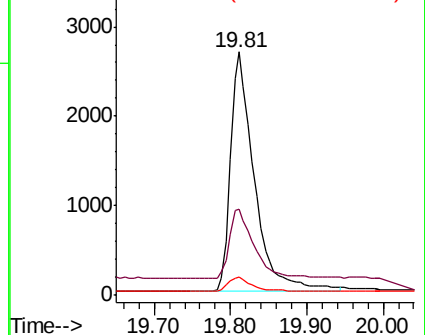
122 7.7 6.1 9.1



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: 0.397 ng

RT: 21.34 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

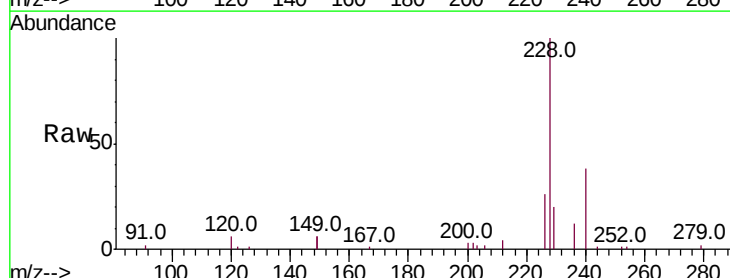
Tgt Ion:228 Resp: 8415

Ion Ratio Lower Upper

228 100

226 26.2 23.0 34.4

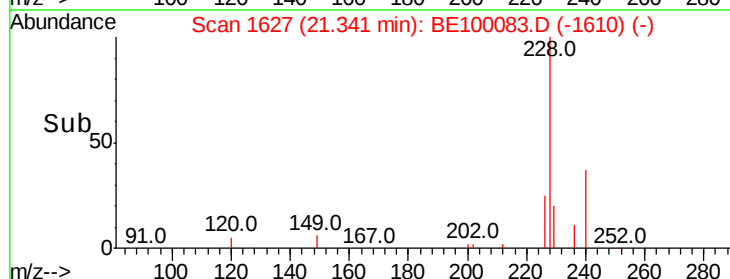
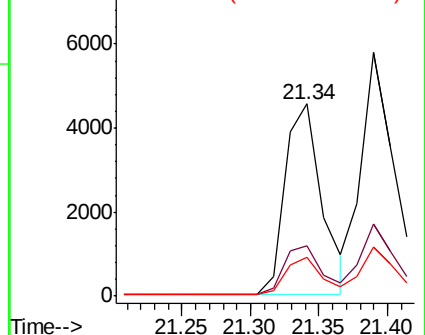
229 20.4 16.4 24.6

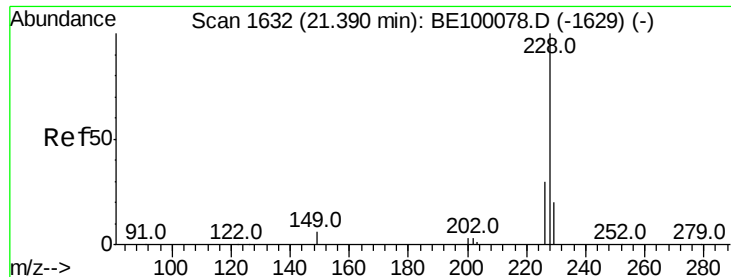


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

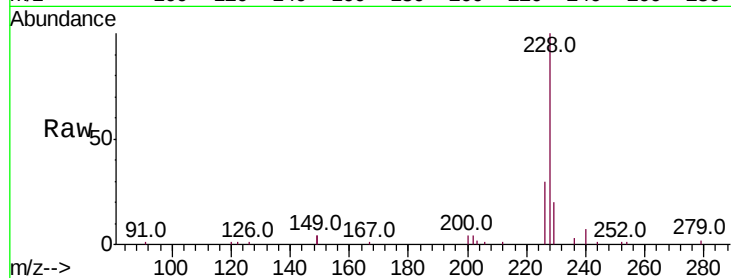
BNA_E

ClientSampleId :

ICVBE061919

Tot Ion:228 Resp: 9991

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	20.4	16.3	24.5

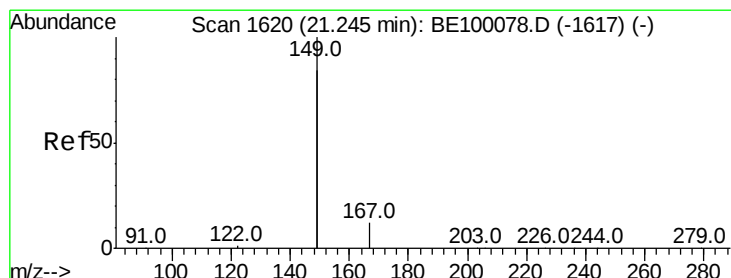
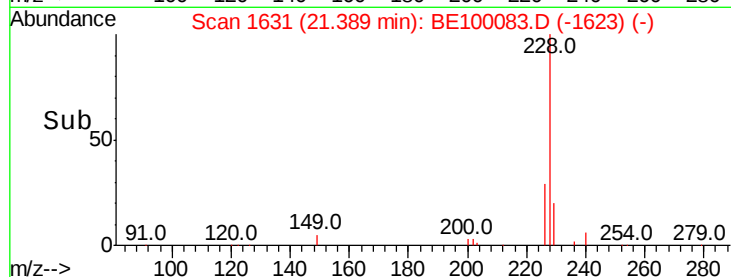
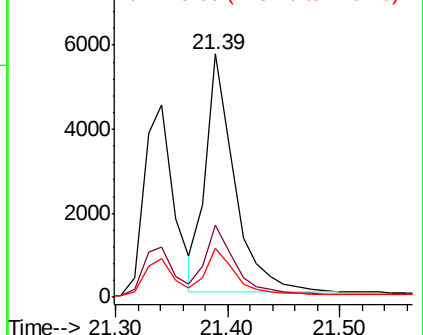


Abundance

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: 0.352 ng

RT: 21.26 min Scan# 1620

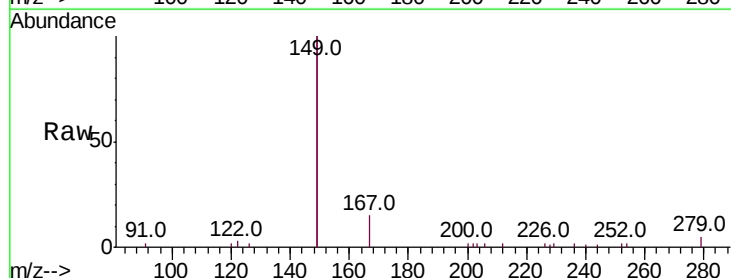
Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Tgt Ion:149 Resp: 7034

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.4	1.1	1.7

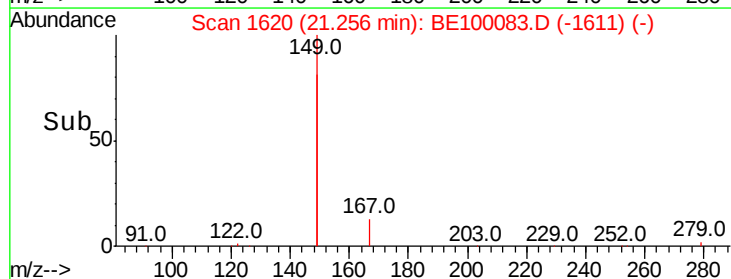
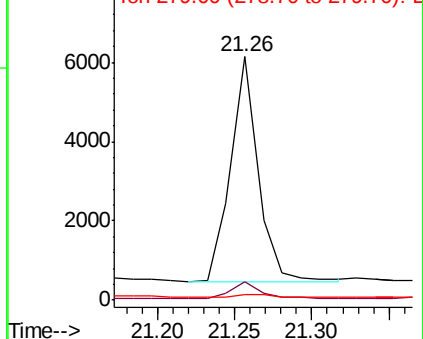


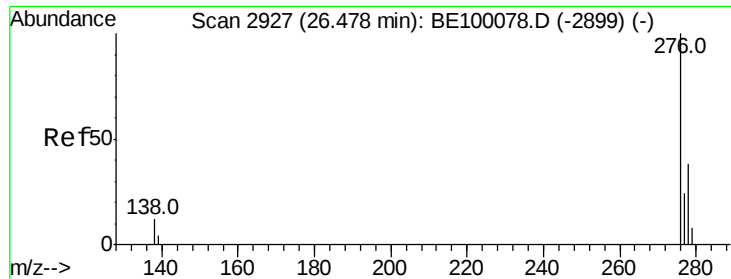
Abundance

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: 0.398 ng

RT: 26.49 min Scan# 2931

Delta R.T. 0.02 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

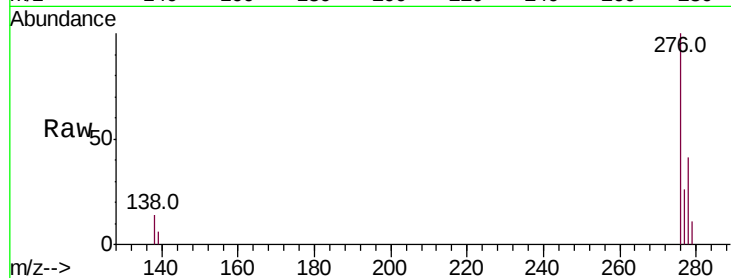
Tot Ion:276 Resp: 11036

Ion Ratio Lower Upper

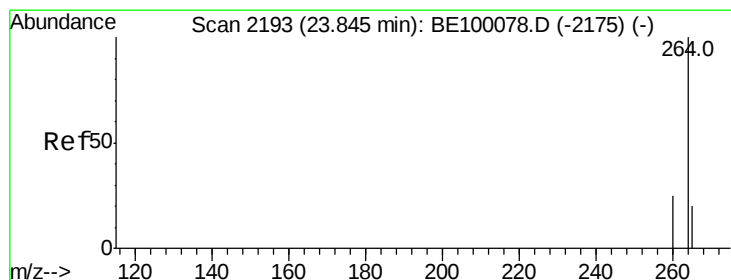
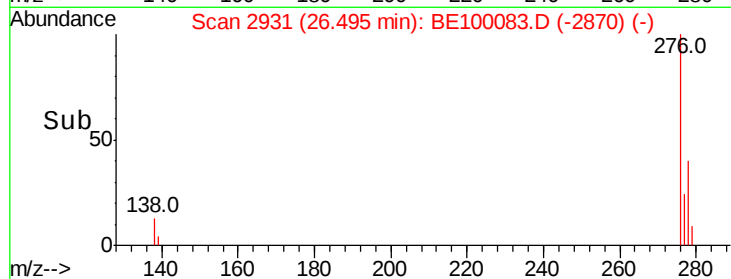
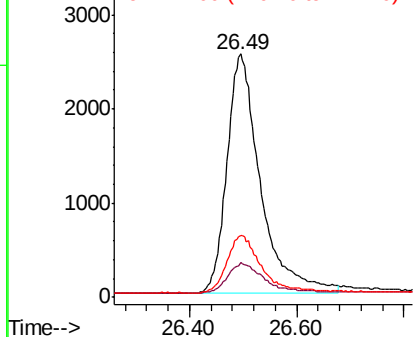
276 100

138 13.5 4.3 6.5#

277 24.4 19.4 29.0



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: 23.85 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

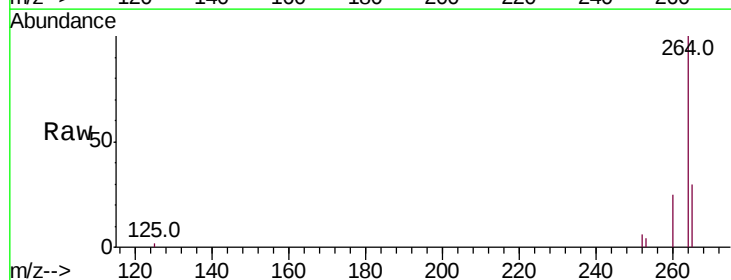
Tgt Ion:264 Resp: 7729

Ion Ratio Lower Upper

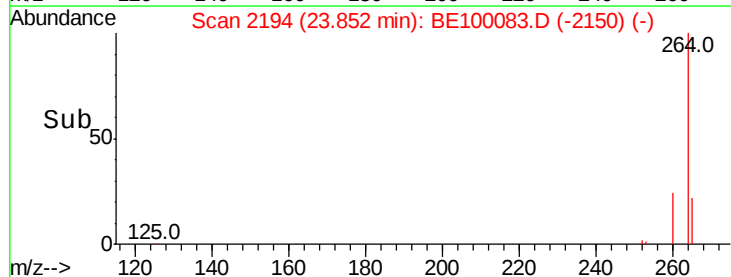
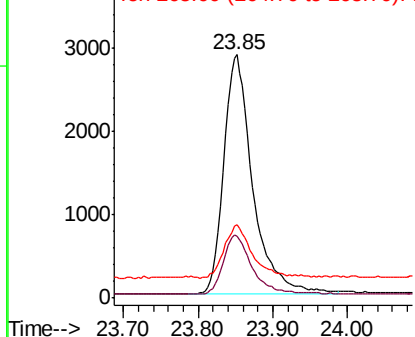
264 100

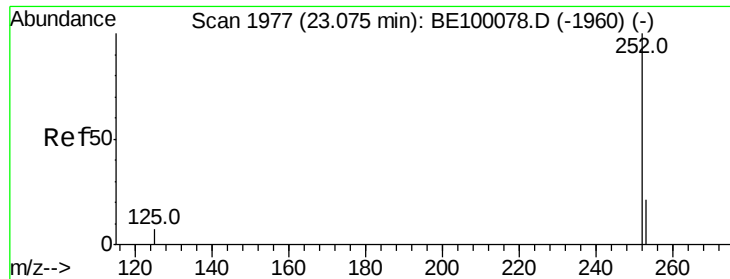
260 25.5 20.8 31.2

265 30.0 23.2 34.8



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

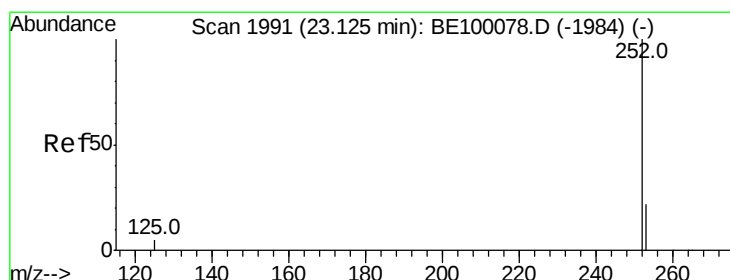
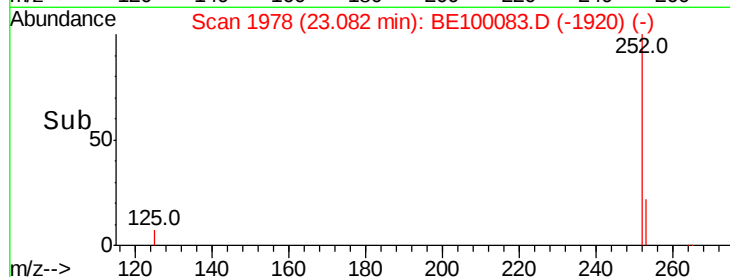
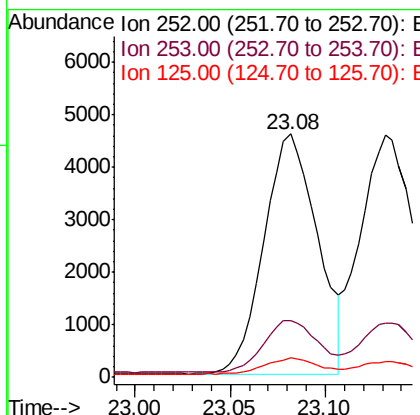
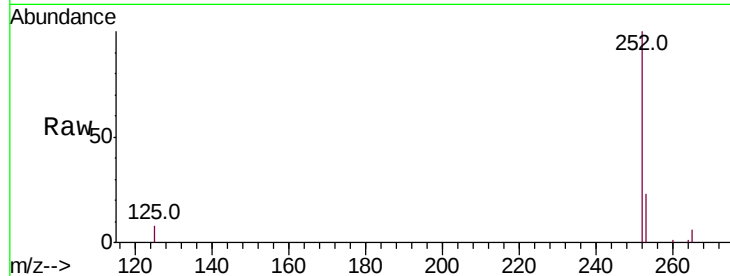




#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.08 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

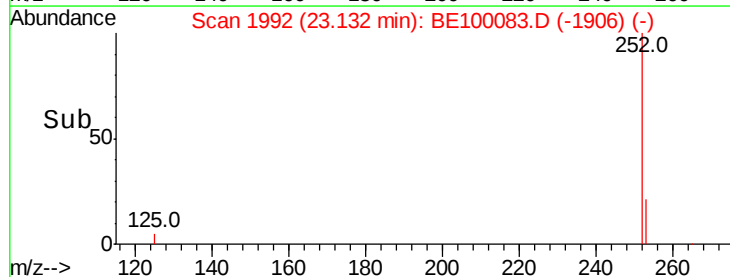
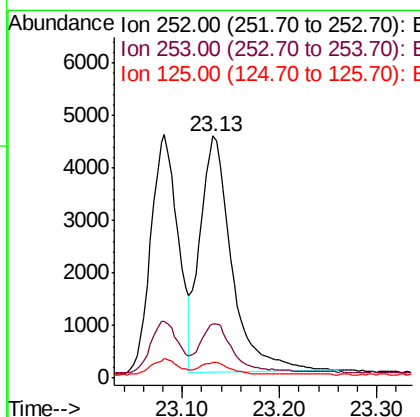
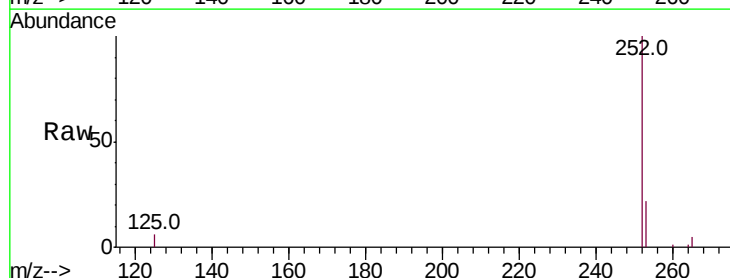
Instrument :
BNA_E
ClientSampleId :
ICVBE061919

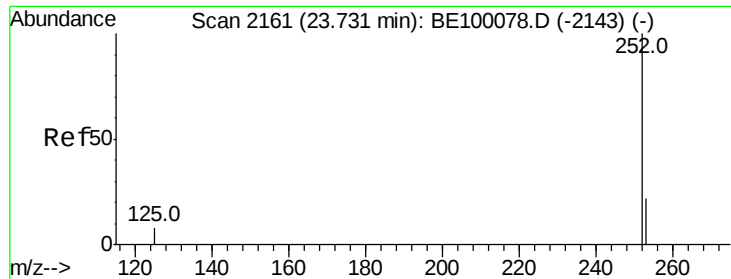
Tot Ion:252 Resp: 8935
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 8.0 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BE100083.D
Acq: 19 Jun 2019 15:01

Tgt Ion:252 Resp: 10228
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 6.5 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.74 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

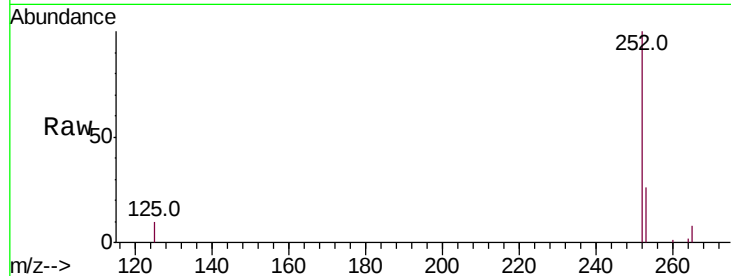
Tot Ion:252 Resp: 8542

Ion Ratio Lower Upper

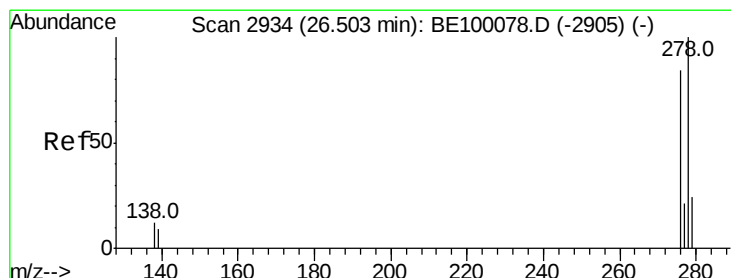
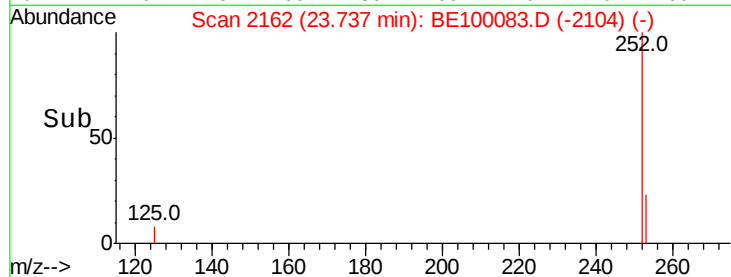
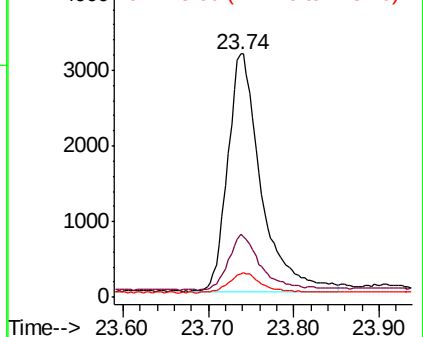
252 100

253 25.9 19.4 29.2

125 9.6 8.0 12.0



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: 0.393 ng

RT: 26.53 min Scan# 2940

Delta R.T. 0.02 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

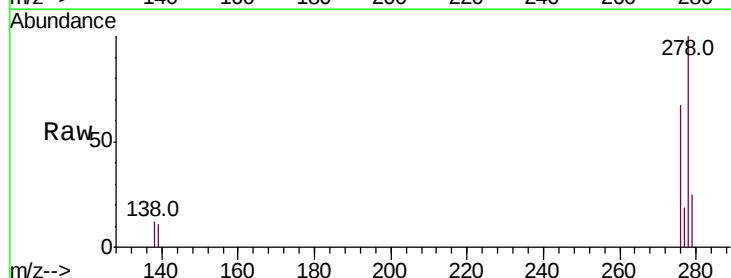
Tgt Ion:278 Resp: 8818

Ion Ratio Lower Upper

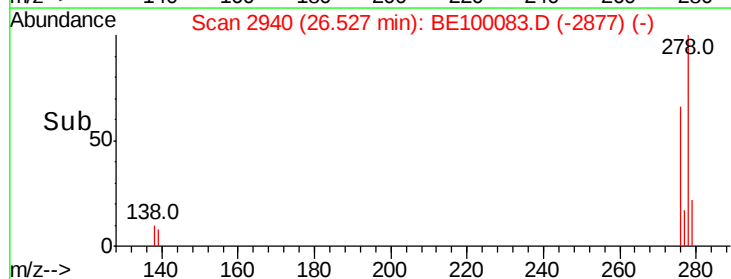
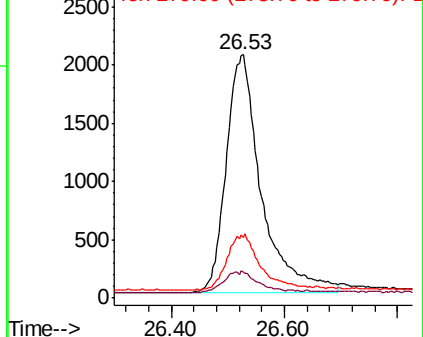
278 100

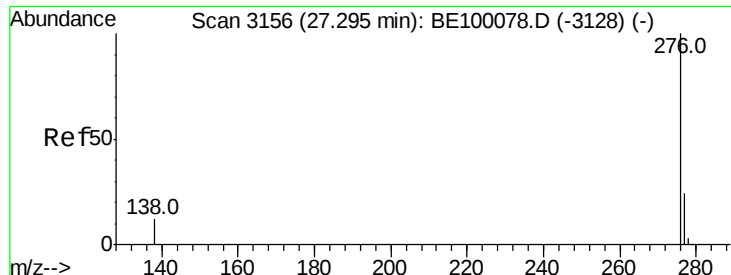
139 10.5 9.0 13.6

279 25.1 21.4 32.0



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: 0.393 ng

RT: 27.30 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BE100083.D

Acq: 19 Jun 2019 15:01

Instrument :

BNA_E

ClientSampleId :

ICVBE061919

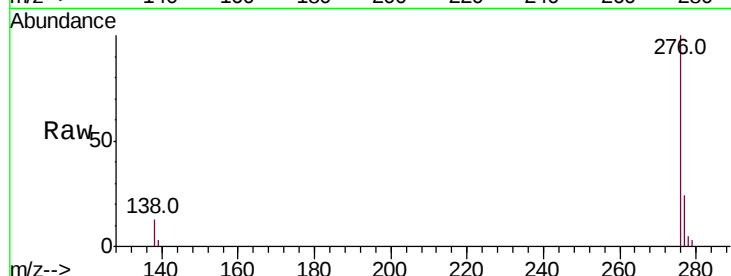
Tot Ion:276 Resp: 9172

Ion Ratio Lower Upper

276 100

277 24.4 20.3 30.5

138 13.5 11.3 16.9



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

