

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100208.D
 Acq On : 27 Jun 2019 17:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 27 19:19:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 19:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	726	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2392	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1938	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	5851	0.40	ng	0.00
27) Chrysene-d12	21.25	240	7463	0.40	ng	0.00
34) Perylene-d12	23.67	264	8434	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	668	0.41	ng	0.00
5) Phenol-d6	6.84	99	881	0.40	ng	0.00
8) Nitrobenzene-d5	8.82	82	1010	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1804	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	391	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	3032	0.39	ng	0.00
25) Fluoranthene-d10	19.10	212	32451	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	6499	0.44	ng	0.00

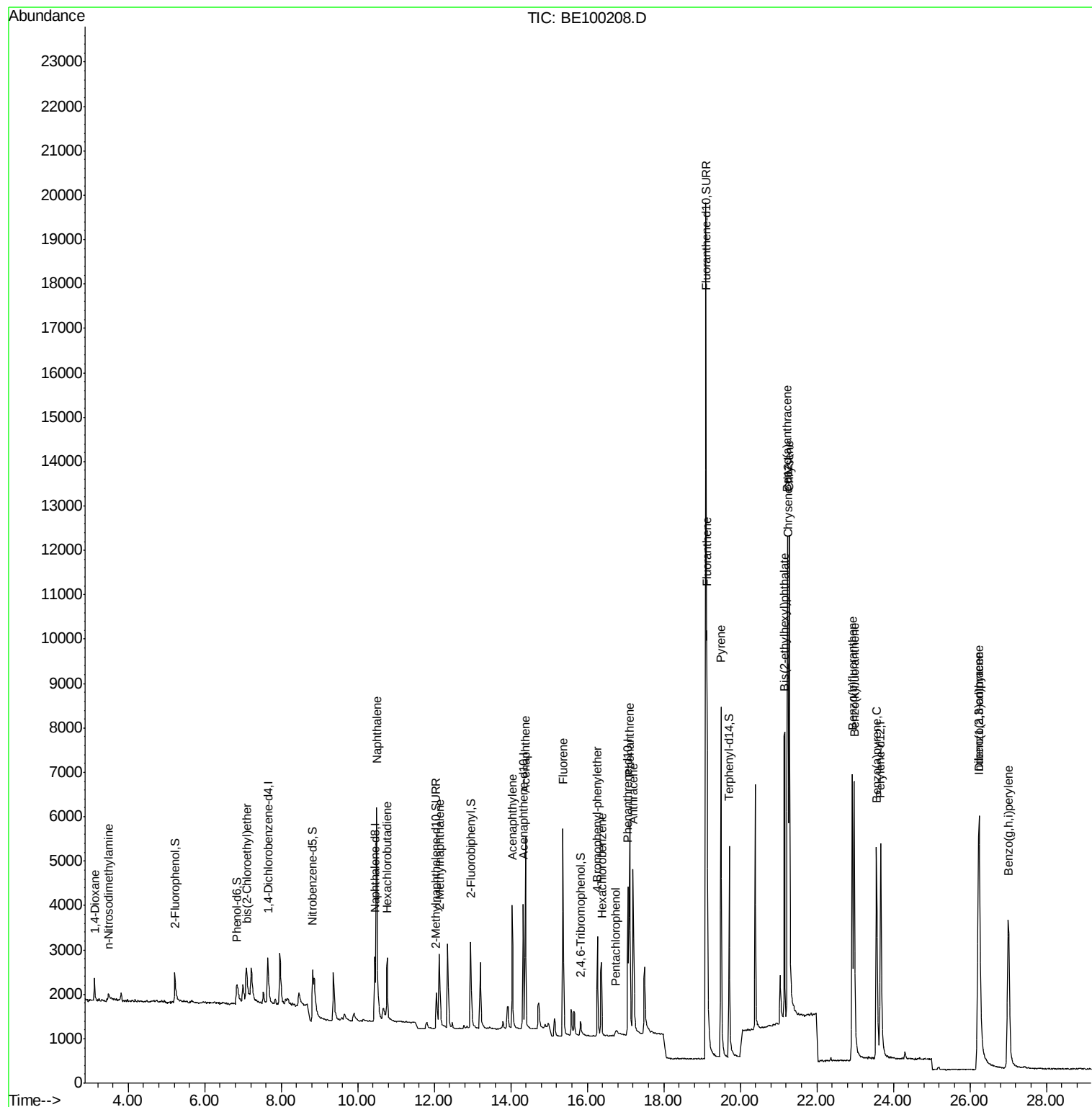
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	468	0.412	ng	96
3) n-Nitrosodimethylamine	3.48	42	172	0.409	ng	# 86
6) bis(2-Chloroethyl)ether	7.10	93	858	0.422	ng	100
9) Naphthalene	10.50	128	10906	0.418	ng	100
10) Hexachlorobutadiene	10.77	225	1114	0.413	ng	100
12) 2-Methylnaphthalene	12.14	142	1780	0.423	ng	100
16) Acenaphthylene	14.04	152	3677	0.389	ng	100
17) Acenaphthene	14.38	154	2114	0.399	ng	99
18) Fluorene	15.37	166	3218	0.420	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	1480	0.408	ng	100
21) Hexachlorobenzene	16.37	284	1645	0.413	ng	100
22) Pentachlorophenol	16.75	266	259	0.464	ng	100
23) Phenanthrene	17.11	178	5827	0.420	ng	100
24) Anthracene	17.20	178	4986	0.426	ng	100
26) Fluoranthene	19.13	202	8855	0.393	ng	100
28) Pyrene	19.49	202	8859	0.464	ng	100
30) Benzo(a)anthracene	21.23	228	9275	0.422	ng	100
31) Chrysene	21.28	228	10557	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	9407	0.372	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	11754	0.320	ng	100
35) Benzo(b)fluoranthene	22.93	252	9532	0.420	ng	100
36) Benzo(k)fluoranthene	22.97	252	11104	0.409	ng	100
37) Benzo(a)pyrene	23.56	252	9321	0.397	ng	100
38) Dibenzo(a,h)anthracene	26.24	278	8859	0.352	ng	100
39) Benzo(g,h,i)perylene	27.00	276	10071	0.384	ng	100

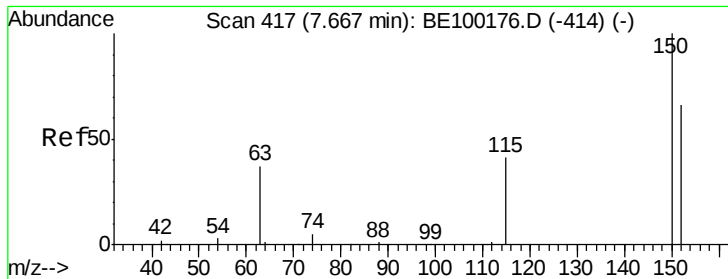
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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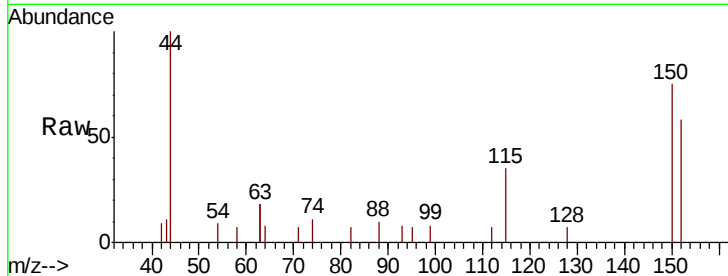




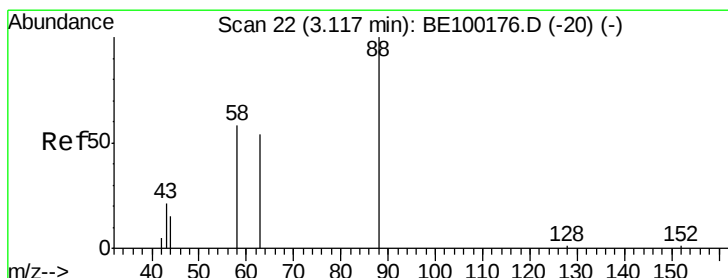
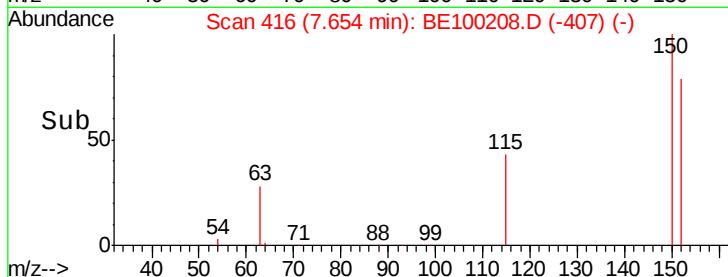
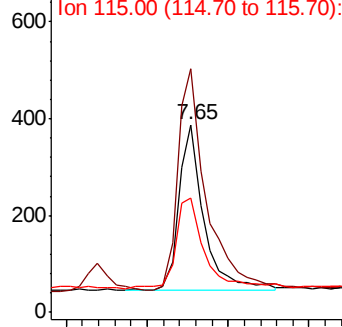
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.65 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 726
 Ion Ratio Lower Upper
 152 100
 150 129.6 103.7 155.5
 115 60.6 48.5 72.7

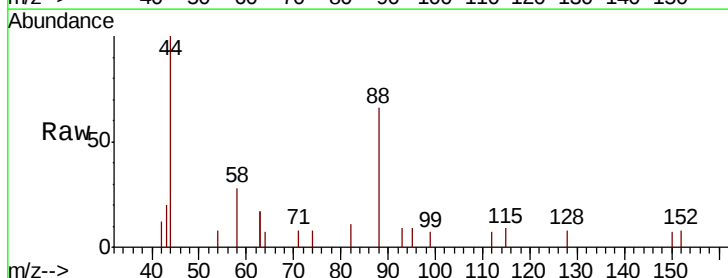


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

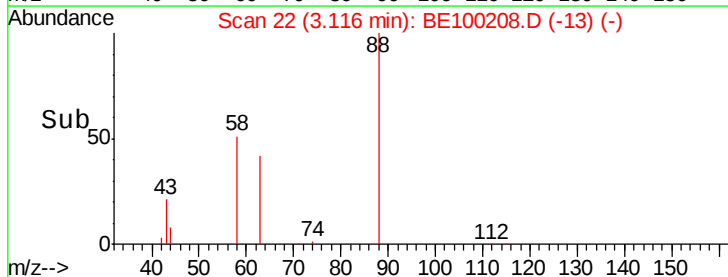
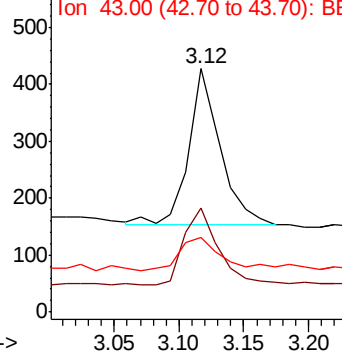


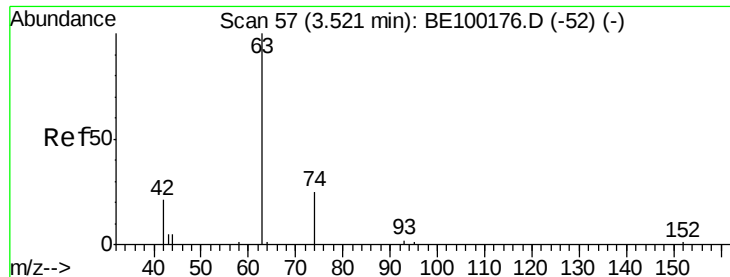
#2
 1,4-Dioxane
 Concen: 0.412 ng
 RT: 3.12 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

Tgt Ion: 88 Resp: 468
 Ion Ratio Lower Upper
 88 100
 58 52.8 45.3 67.9
 43 29.7 23.4 35.0



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



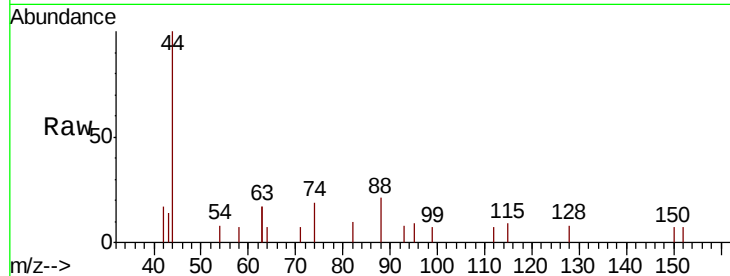


#3

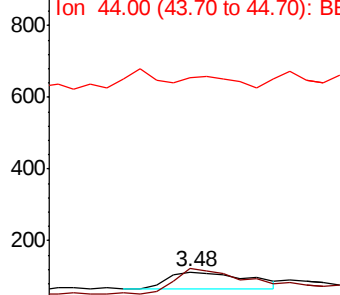
n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.48 min Scan# 54
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

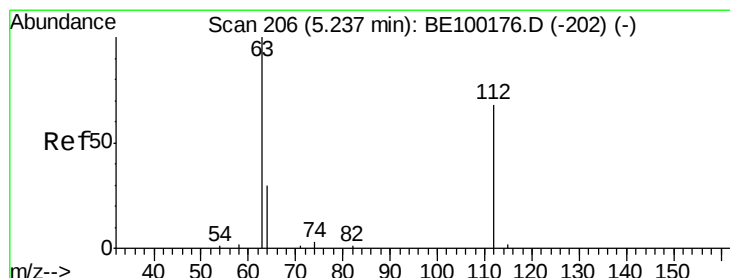
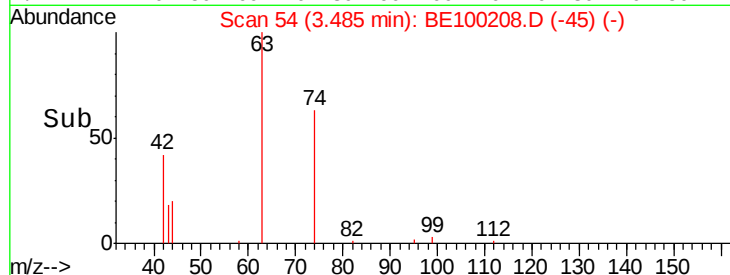
Tot Ion: 42 Resp: 172
 Ion Ratio Lower Upper
 42 100
 74 147.7 105.1 157.7
 44 40.1 25.1 37.7#



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



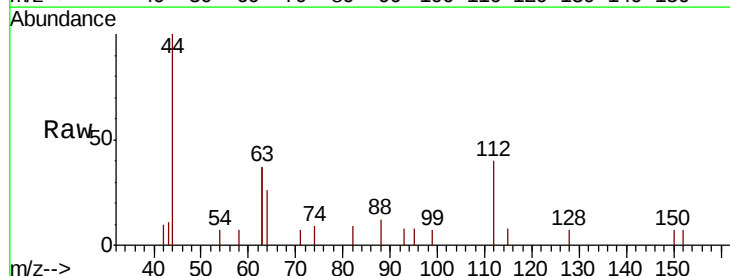
Time-->



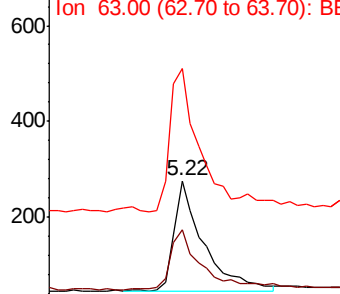
#4

2-Fluorophenol
 Concen: 0.414 ng
 RT: 5.22 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

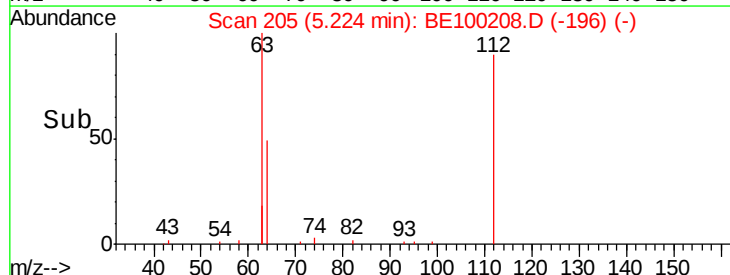
Tgt Ion: 112 Resp: 668
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.3 69.5
 63 126.6 105.3 157.9

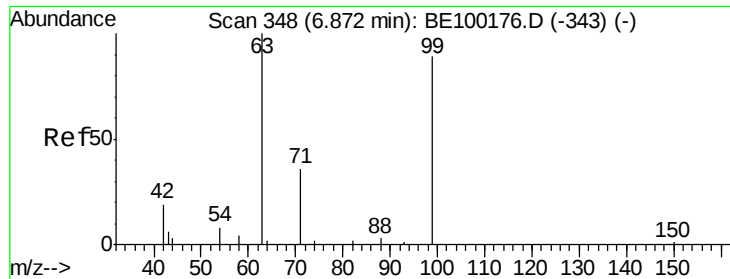


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE1
 Ion 63.00 (62.70 to 63.70): BE1



Time-->





#5

Phenol-d6

Concen: 0.397 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

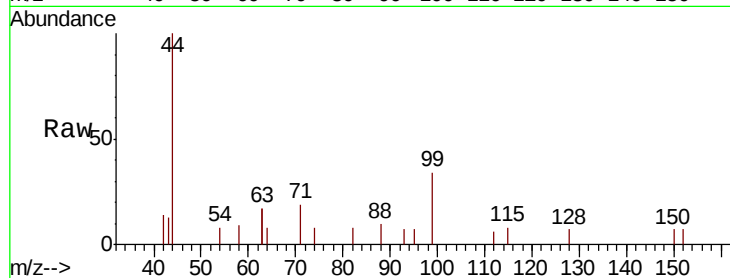
Tot Ion: 99 Resp: 881

Ion Ratio Lower Upper

99 100

42 15.7 12.6 18.8

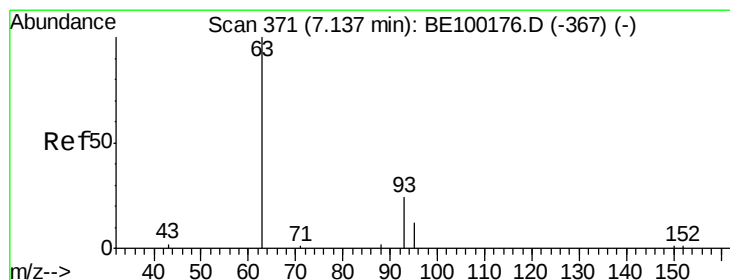
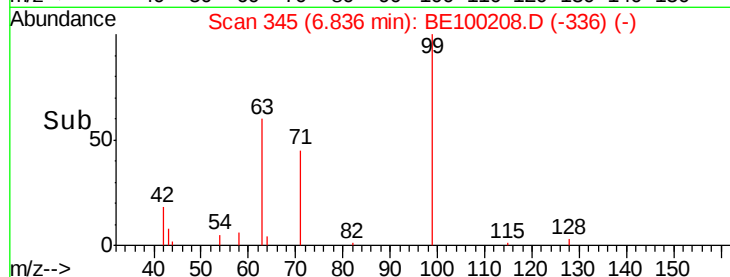
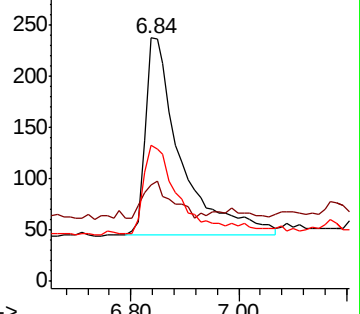
71 44.4 35.5 53.3



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: 0.422 ng

RT: 7.10 min Scan# 368

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

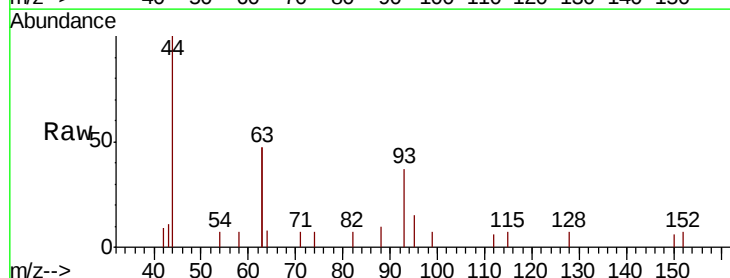
Tgt Ion: 93 Resp: 858

Ion Ratio Lower Upper

93 100

63 193.0 154.4 231.6

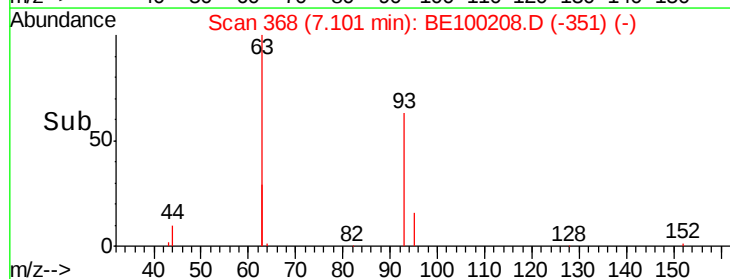
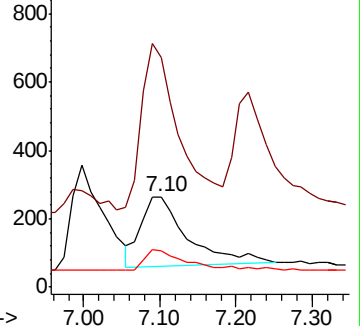
95 25.2 20.2 30.2

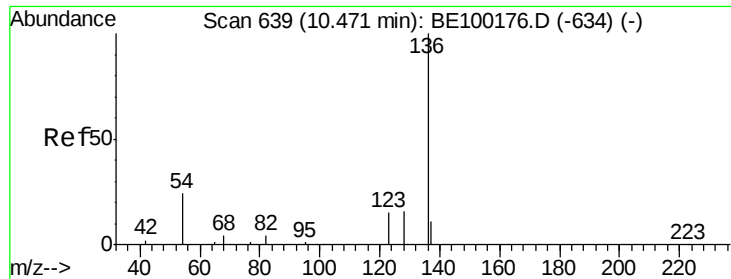


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2392

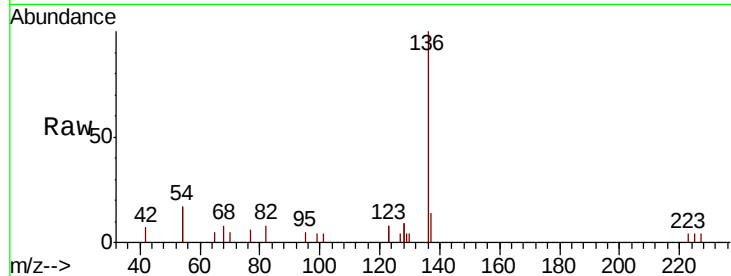
Ion Ratio Lower Upper

136 100

137 14.1 11.3 16.9

54 34.8 27.8 41.8

68 8.0 6.4 9.6

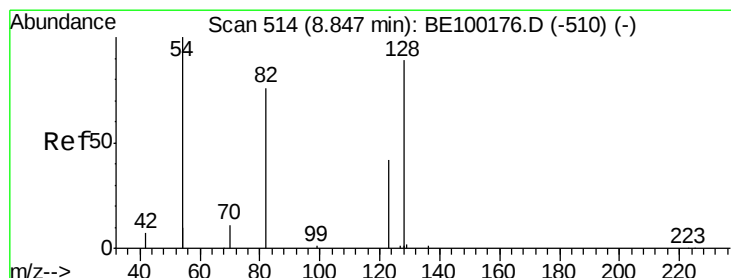
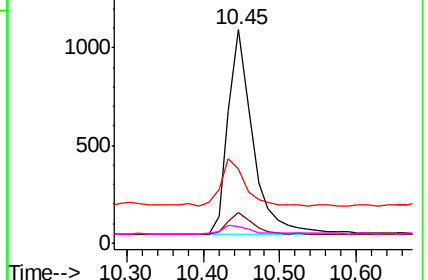
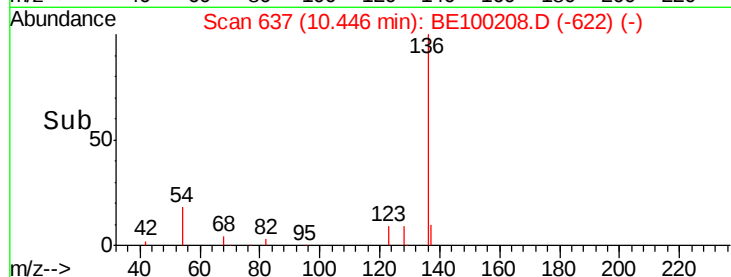


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.424 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

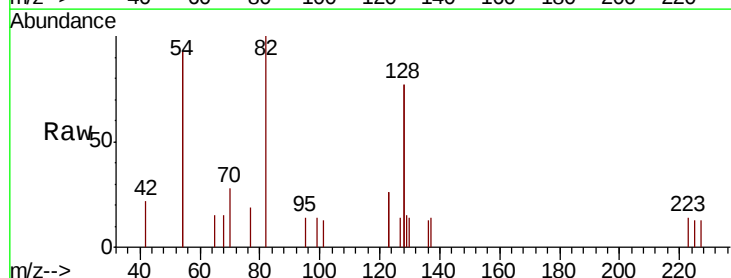
Tgt Ion: 82 Resp: 1010

Ion Ratio Lower Upper

82 100

128 154.8 123.8 185.8

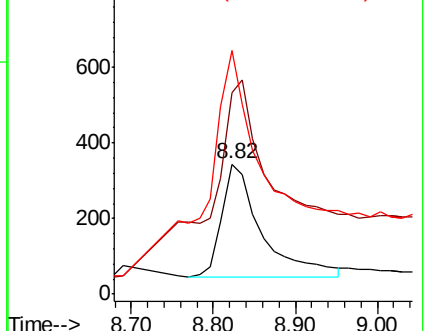
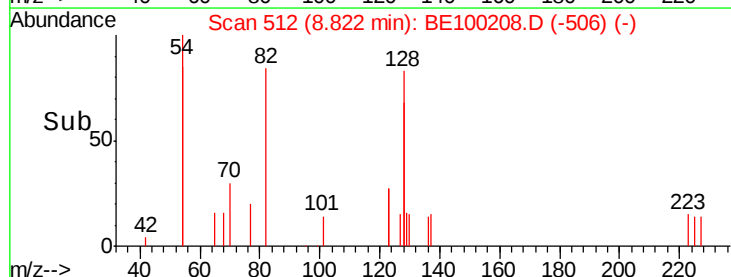
54 186.7 149.4 224.0

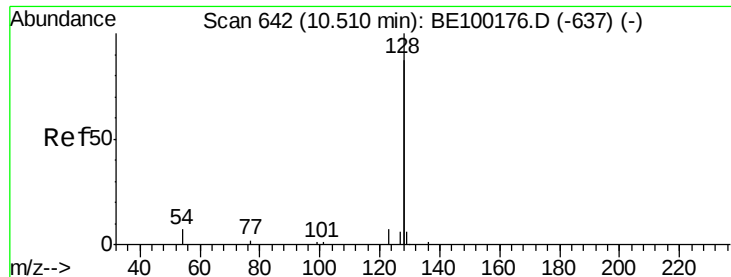


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.418 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

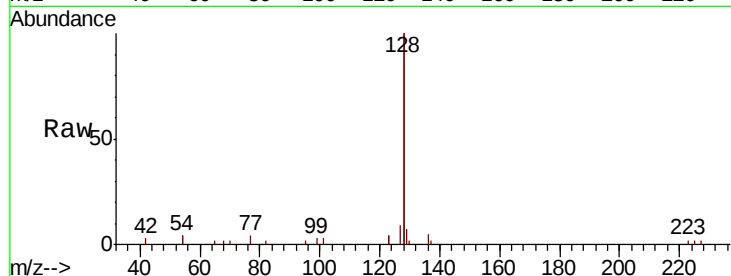
Tot Ion:128 Resp: 10906

Ion Ratio Lower Upper

128 100

129 3.7 3.0 4.4

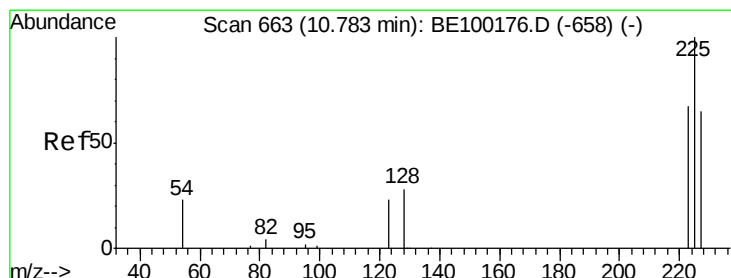
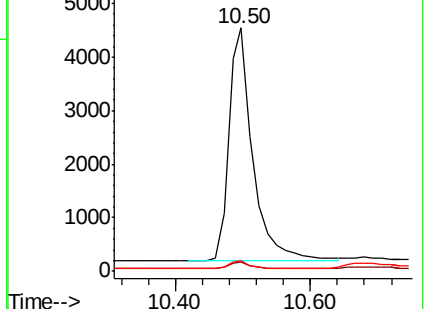
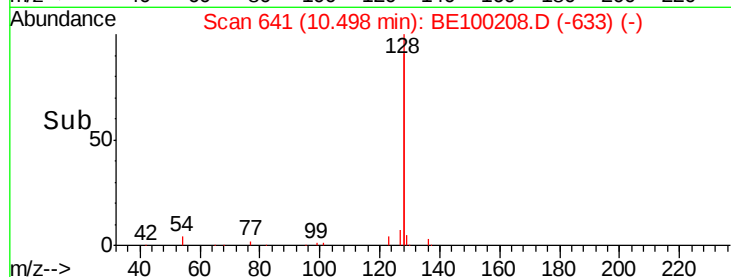
127 4.4 3.5 5.3



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: 0.413 ng

RT: 10.77 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

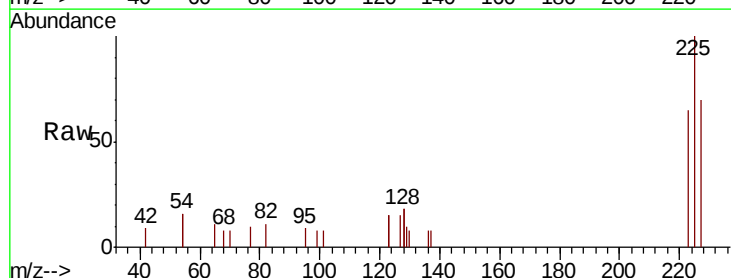
Tgt Ion:225 Resp: 1114

Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

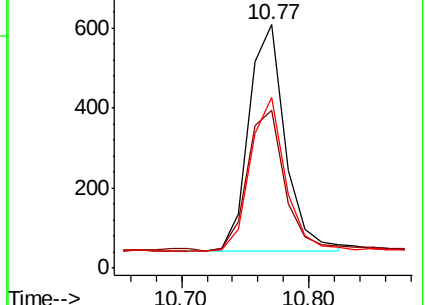
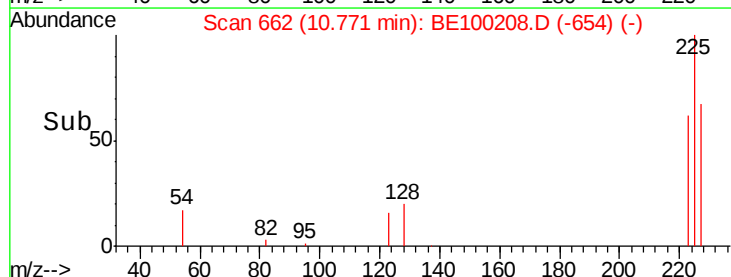
227 65.3 52.3 78.5

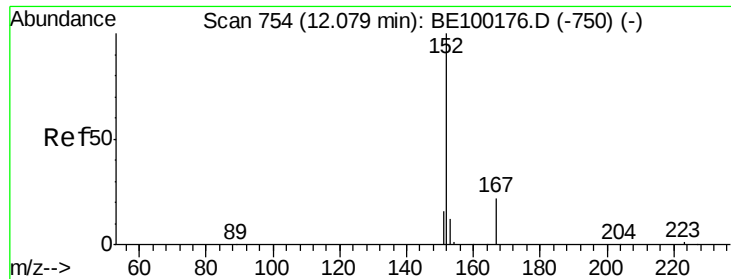


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

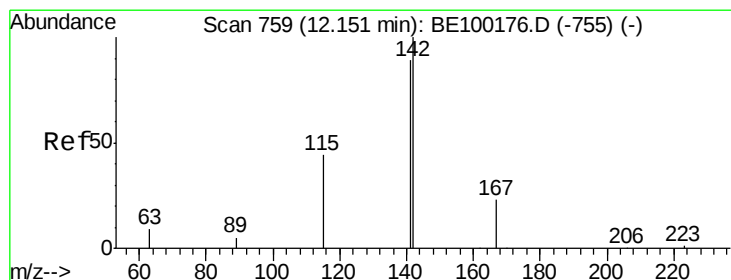
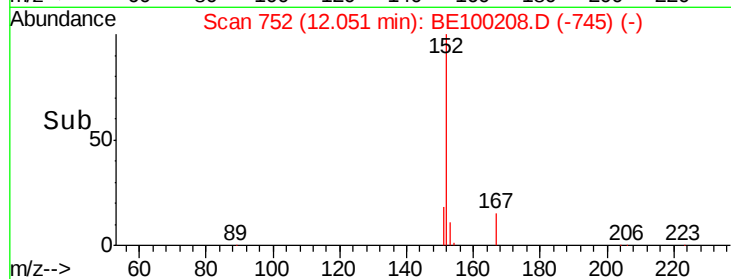
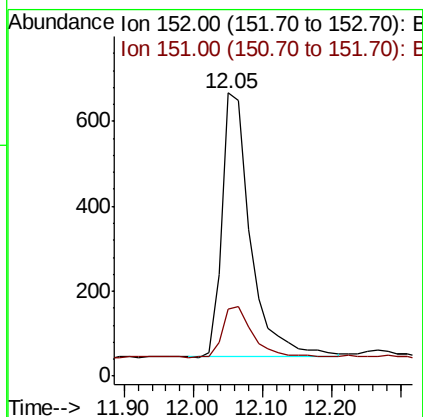
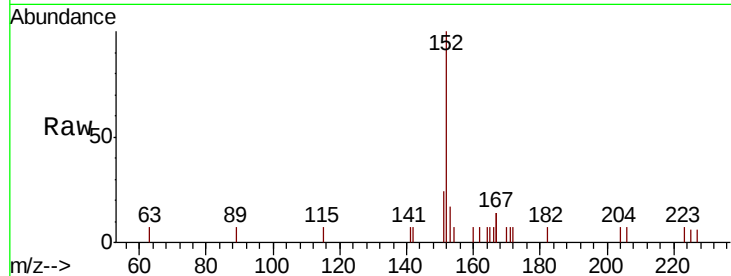




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

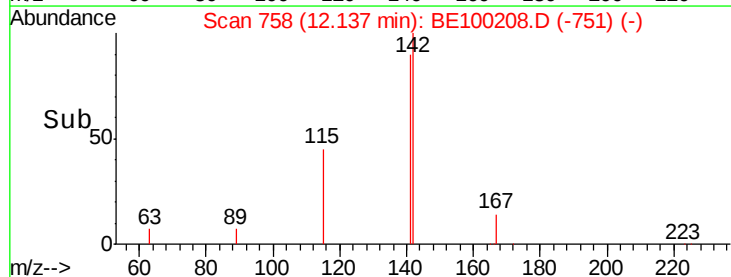
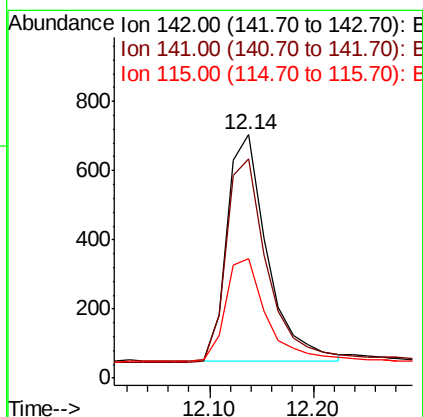
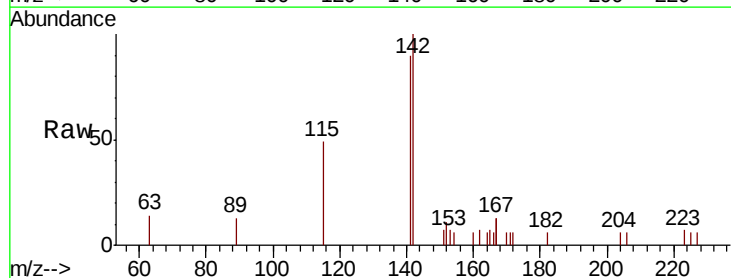
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

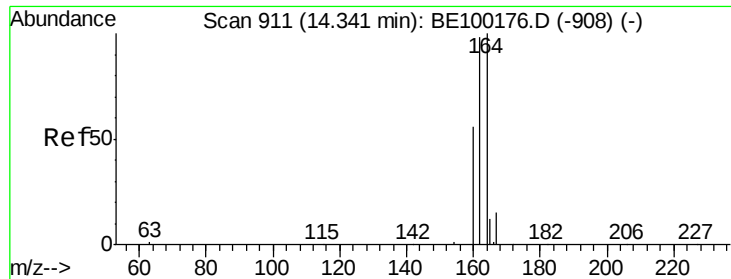
Tot Ion:152 Resp: 1804
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:142 Resp: 1780
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2
115 48.9 39.1 58.7

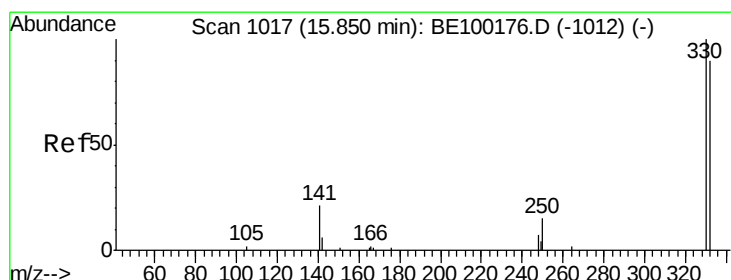
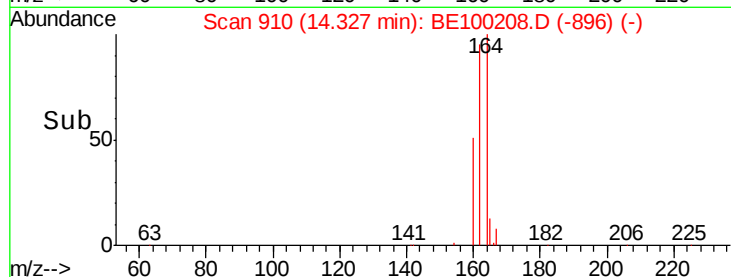
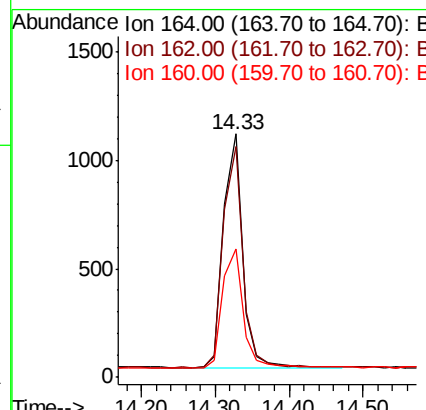
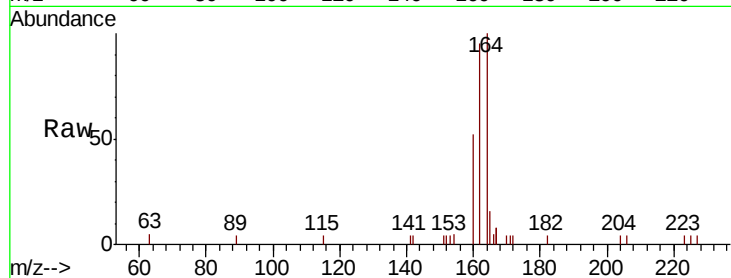




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

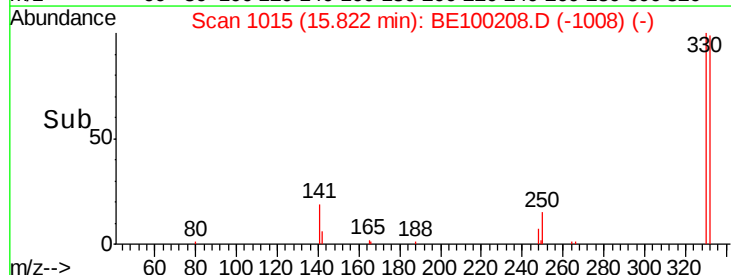
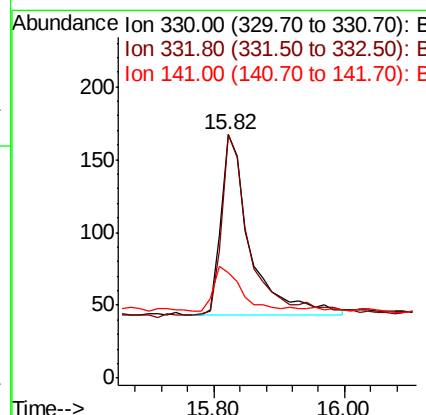
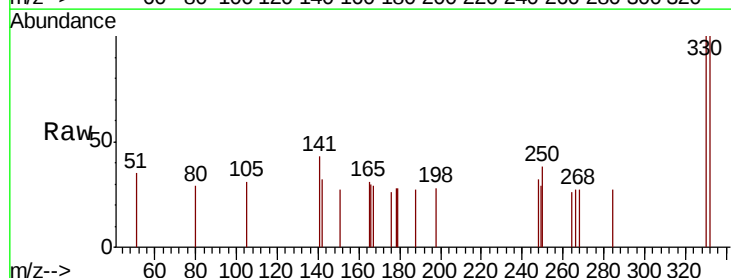
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

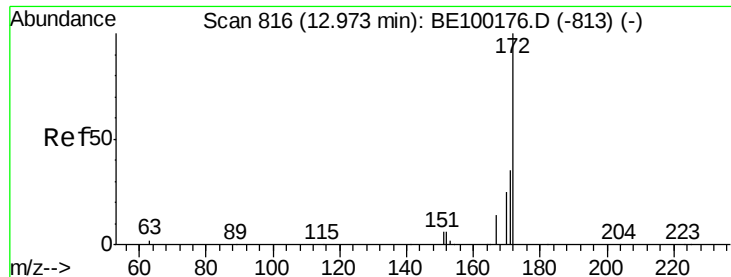
Tot Ion:164 Resp: 1938
 Ion Ratio Lower Upper
 164 100
 162 94.7 75.8 113.6
 160 52.5 42.0 63.0



#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BE100208.D
 Acq: 27 Jun 2019 17:14

Tgt Ion:330 Resp: 391
 Ion Ratio Lower Upper
 330 100
 332 89.8 71.8 107.8
 141 23.8 19.0 28.6

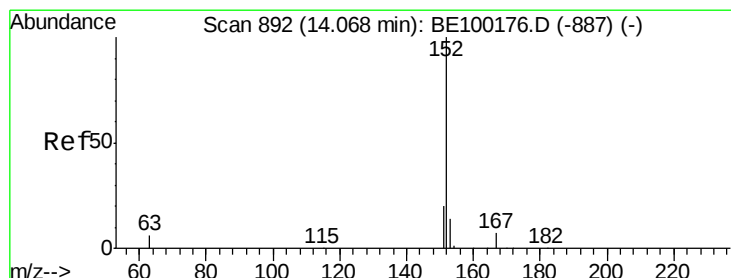
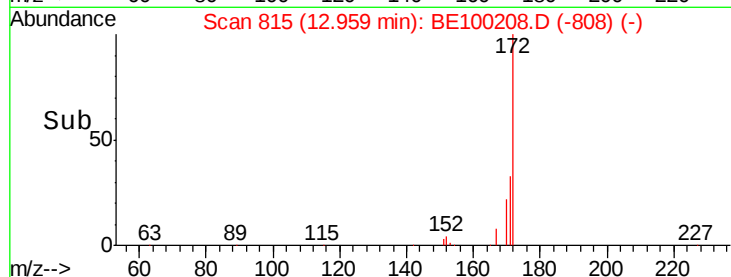
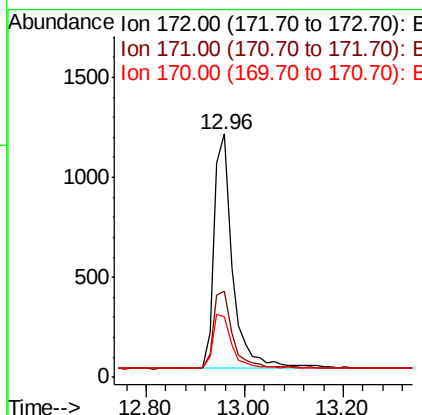
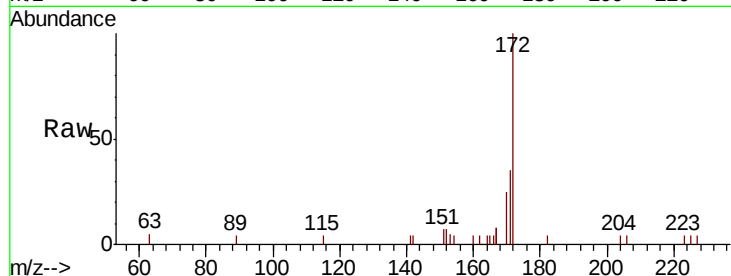




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

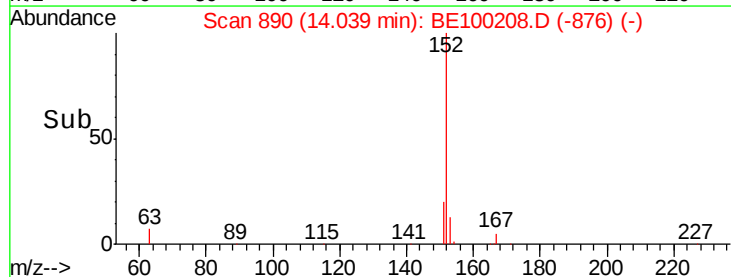
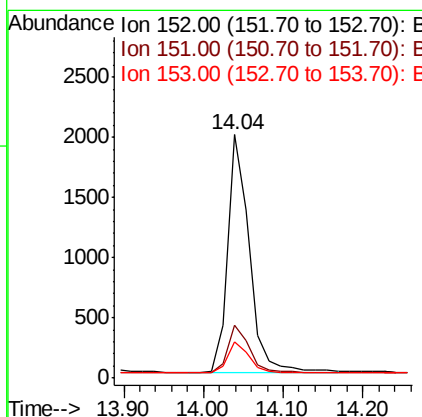
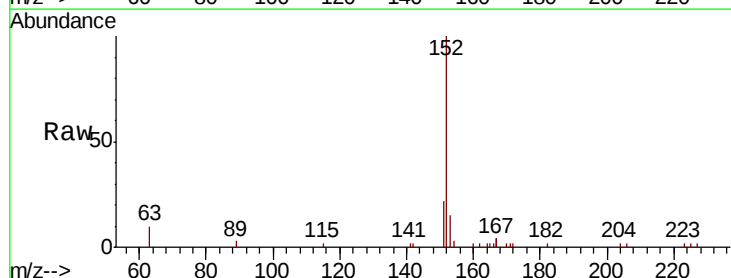
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

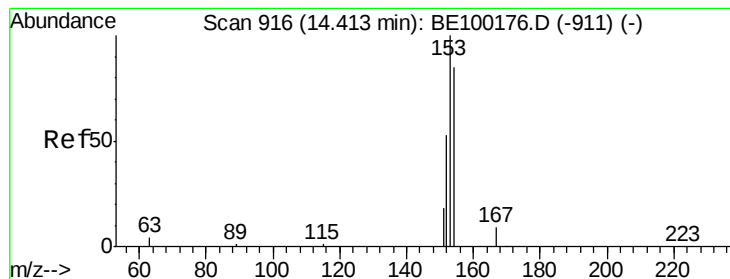
Tot Ion:172 Resp: 3032
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.7 19.8 29.6



#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:152 Resp: 3677
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

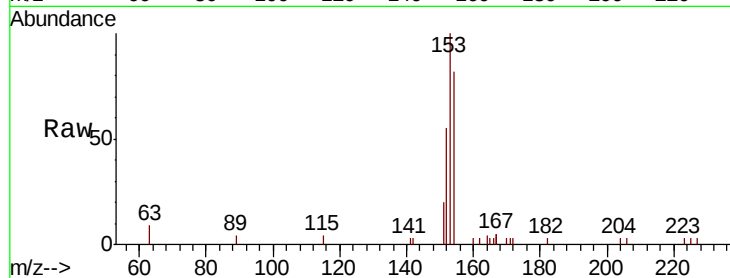
Tot Ion:154 Resp: 2114

Ion Ratio Lower Upper

154 100

153 122.6 97.4 146.2

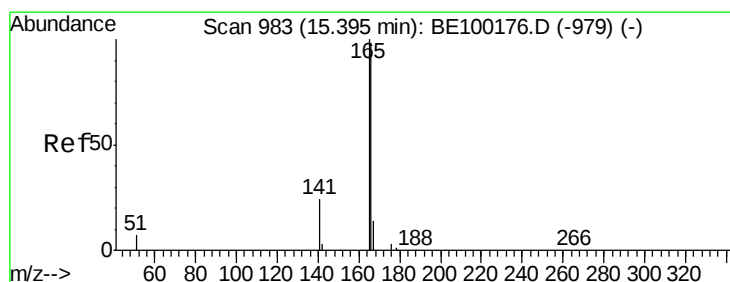
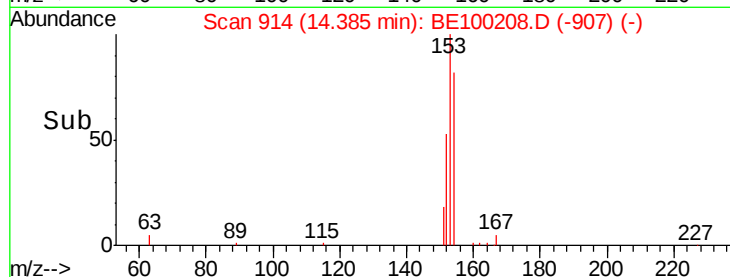
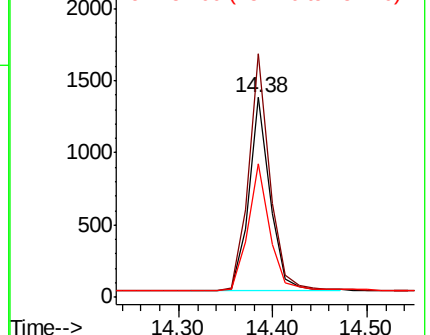
152 67.0 54.2 81.2



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: 0.420 ng

RT: 15.37 min Scan# 981

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

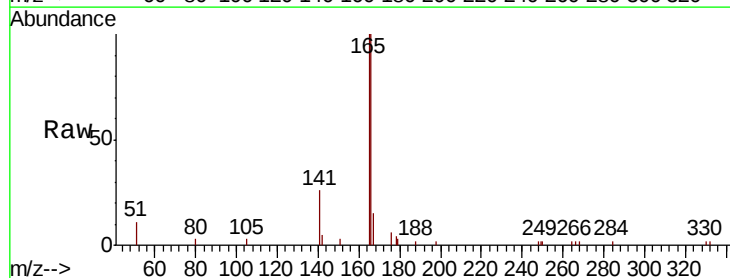
Tgt Ion:166 Resp: 3218

Ion Ratio Lower Upper

166 100

165 102.4 82.1 123.1

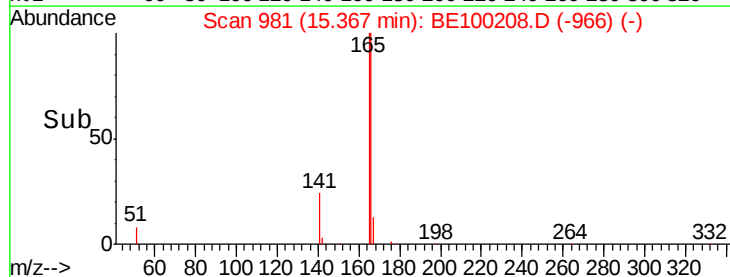
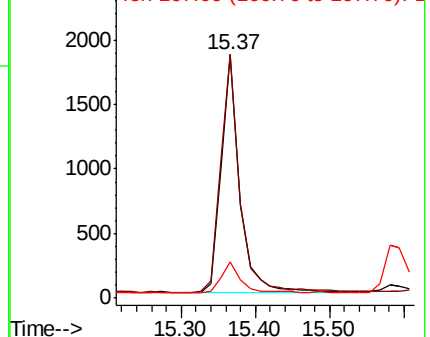
167 13.1 10.5 15.7

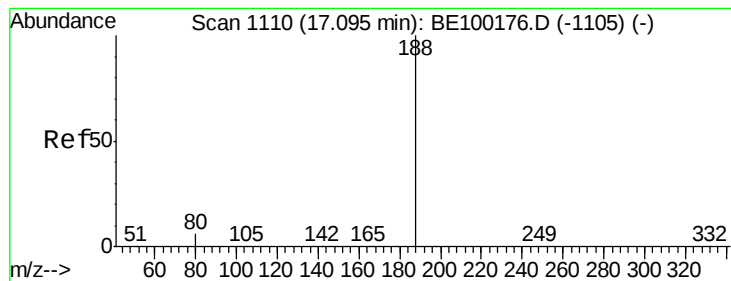


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

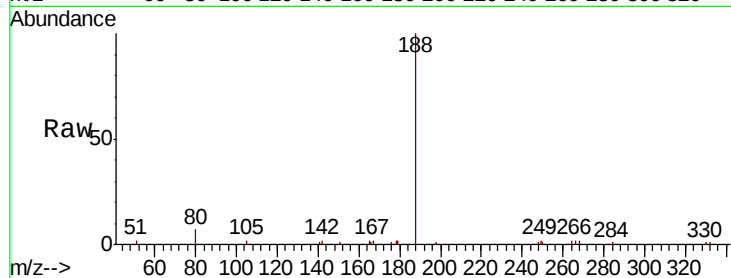
Tot Ion:188 Resp: 5851

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

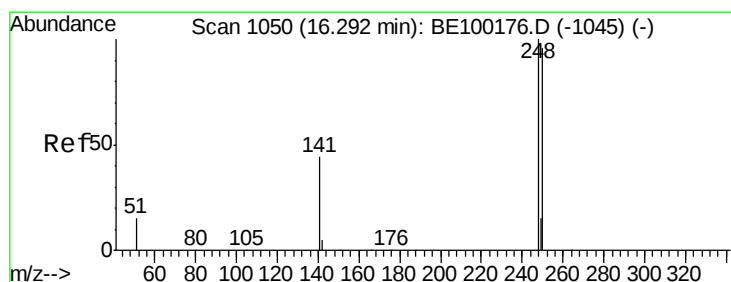
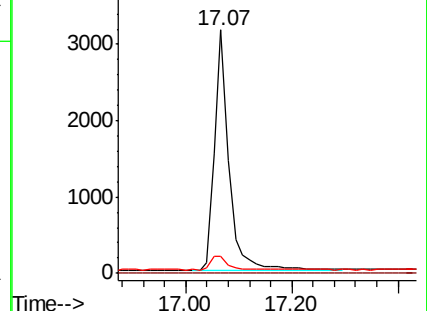
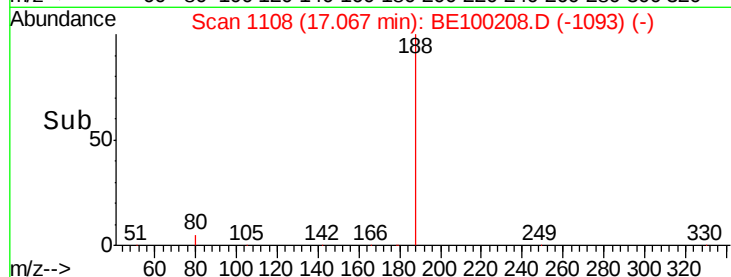
80 6.9 5.5 8.3



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: 0.408 ng

RT: 16.26 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

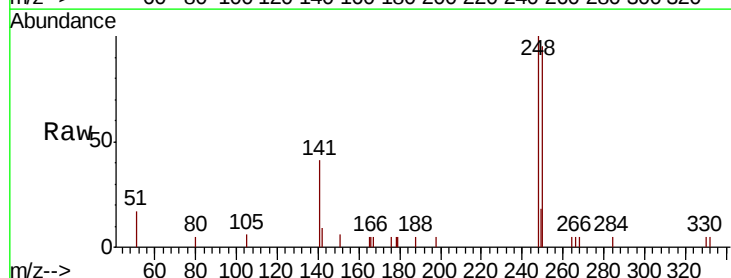
Tgt Ion:248 Resp: 1480

Ion Ratio Lower Upper

248 100

250 95.0 76.0 114.0

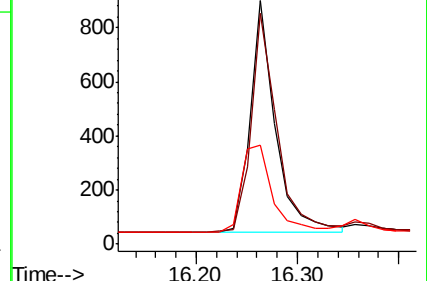
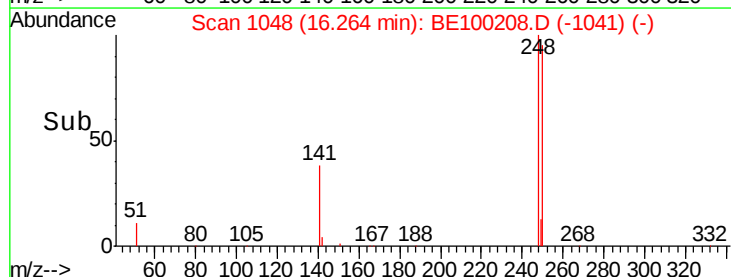
141 40.7 32.6 48.8

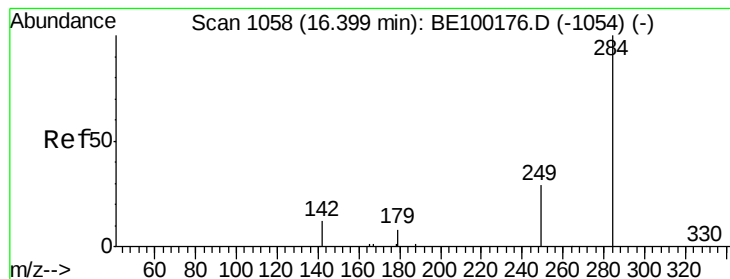


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

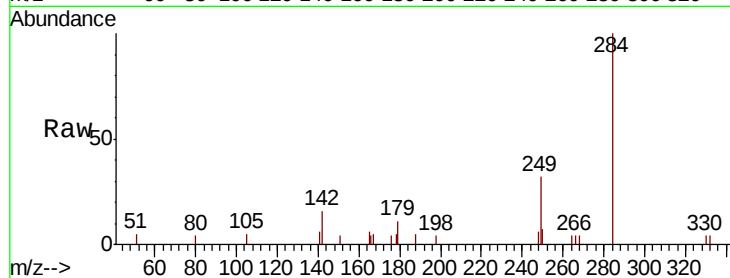
Tot Ion:284 Resp: 1645

Ion Ratio Lower Upper

284 100

142 25.7 20.5 30.7

249 33.7 27.0 40.4

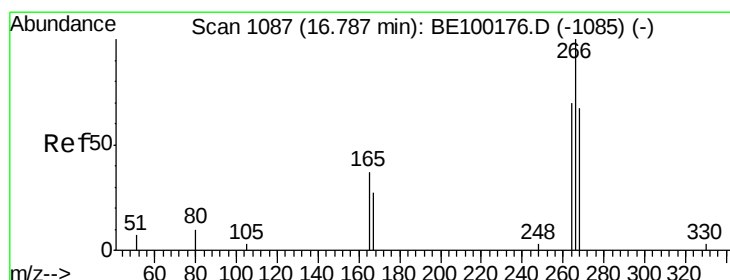
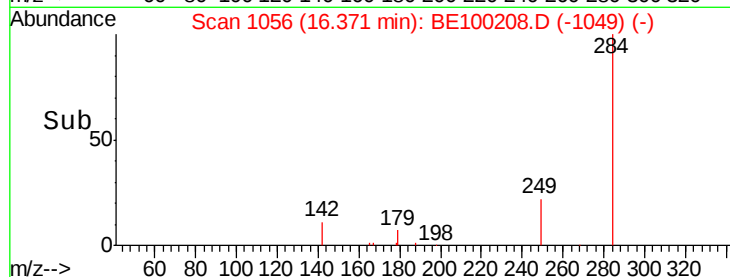
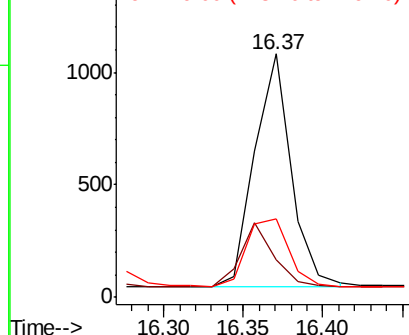


Abundance

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: 0.464 ng

RT: 16.75 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

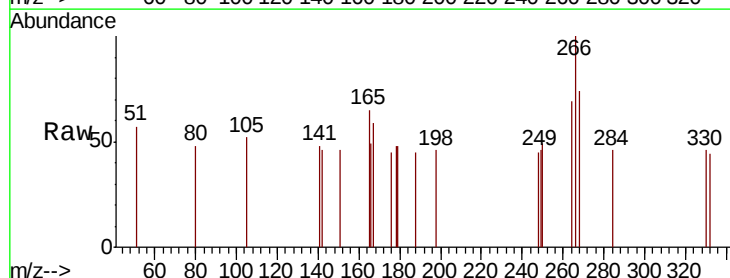
Tgt Ion:266 Resp: 259

Ion Ratio Lower Upper

266 100

264 69.1 55.3 82.9

268 74.2 59.4 89.0

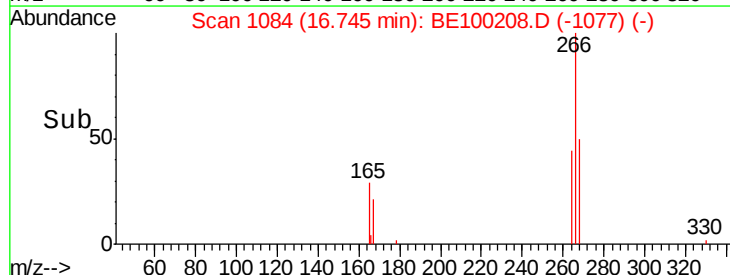
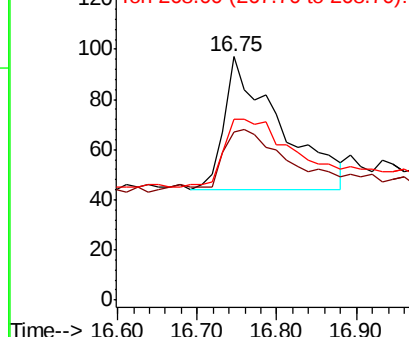


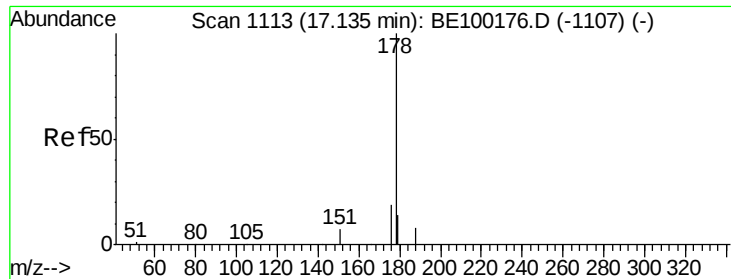
Abundance

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: 0.420 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

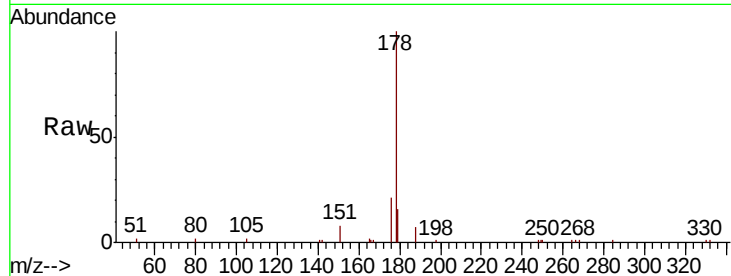
Tot Ion:178 Resp: 5827

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

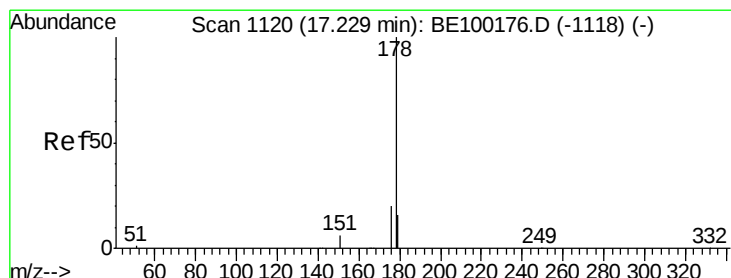
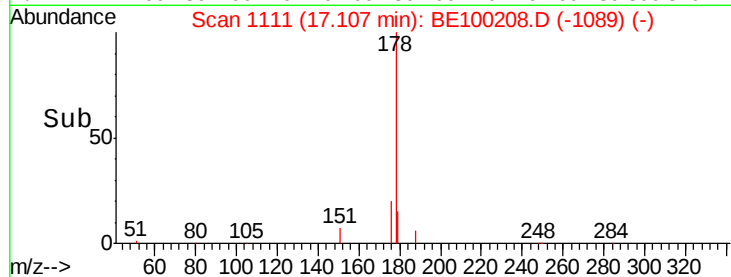
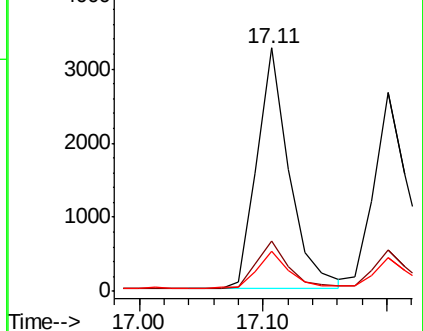
179 14.9 11.9 17.9



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: 0.426 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

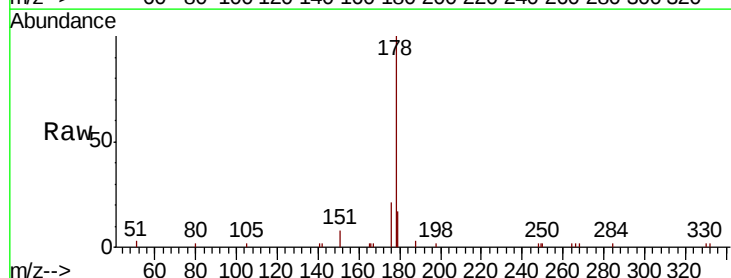
Tgt Ion:178 Resp: 4986

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

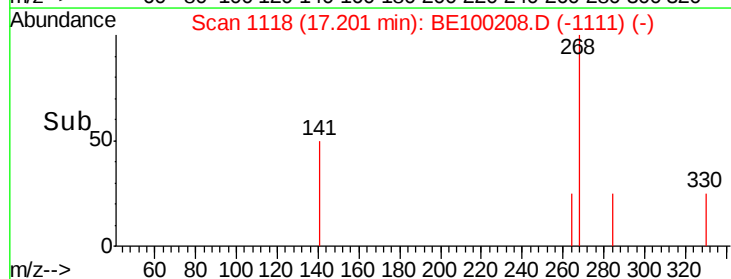
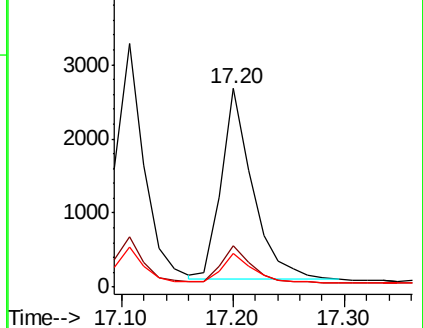
179 15.7 12.6 18.8

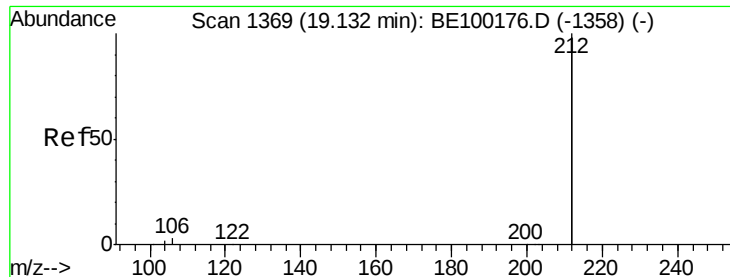


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

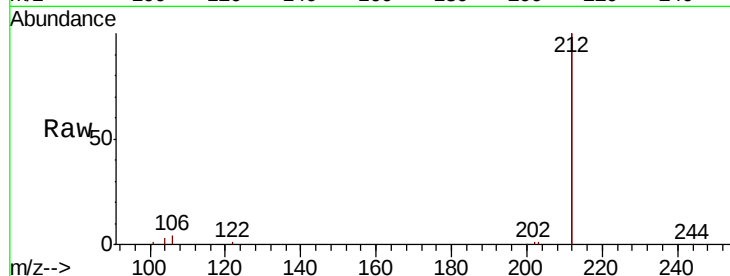
Tot Ion:212 Resp: 32451

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

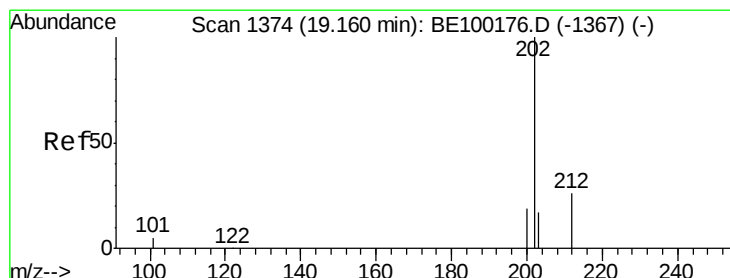
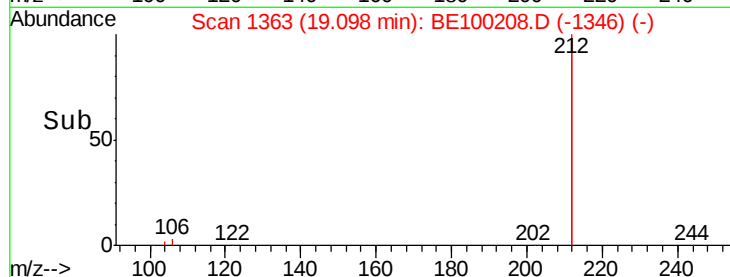
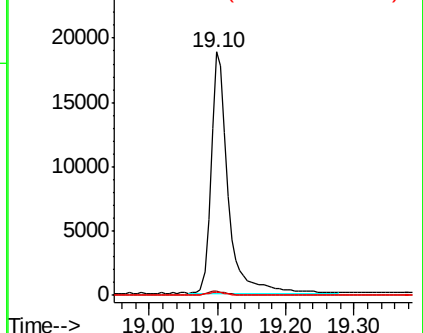
104 1.0 0.8 1.2



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: 0.393 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

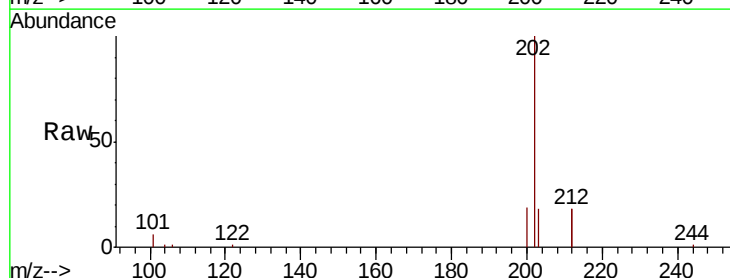
Tgt Ion:202 Resp: 8855

Ion Ratio Lower Upper

202 100

101 6.0 4.8 7.2

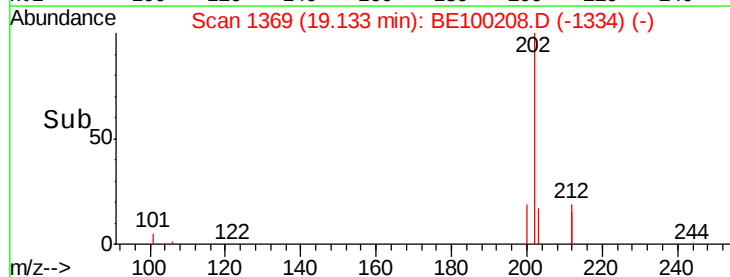
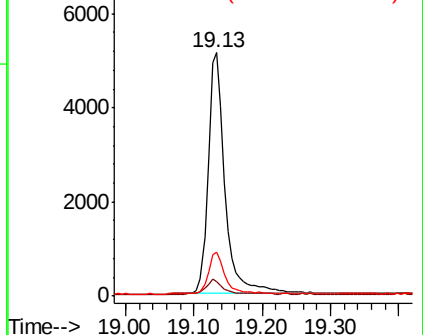
203 16.9 13.5 20.3

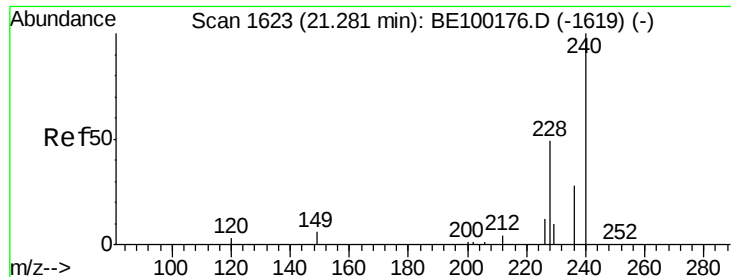


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

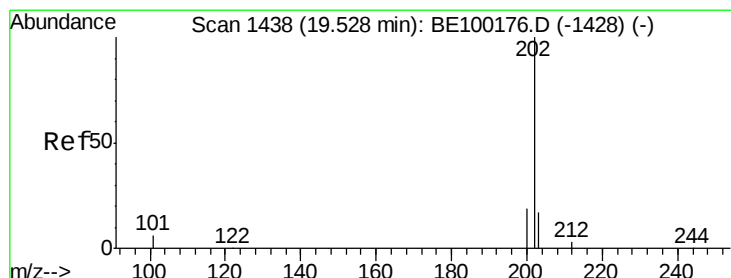
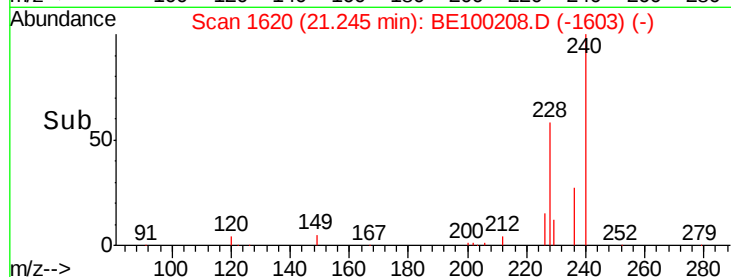
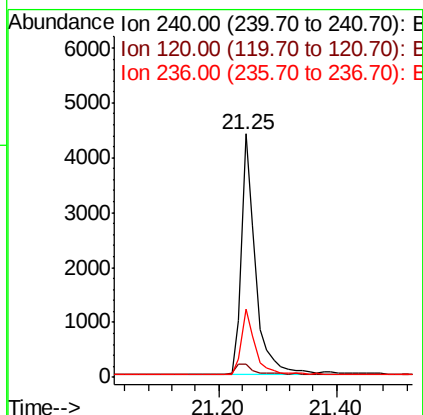
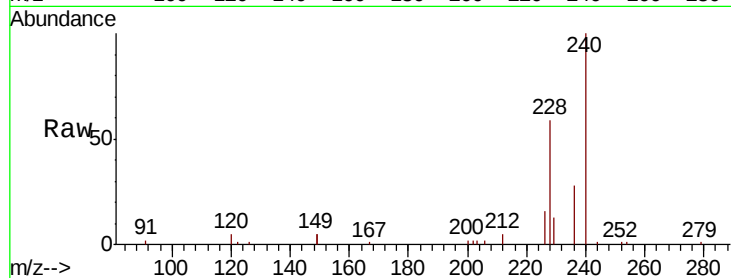




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

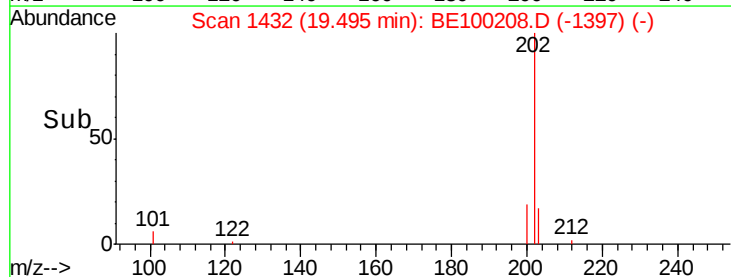
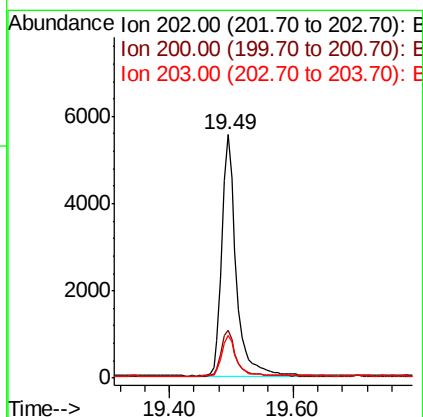
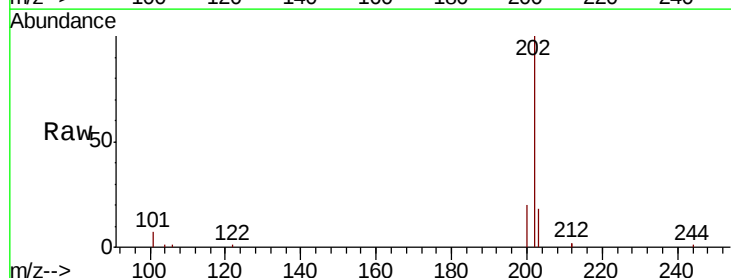
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

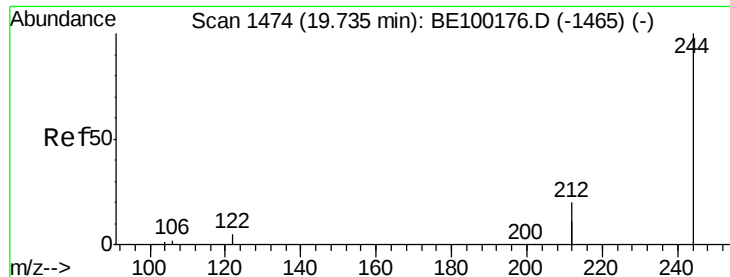
Tot Ion:240 Resp: 7463
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 27.9 22.3 33.5



#28
Pyrene
Concen: 0.464 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE100208.D
Acq: 27 Jun 2019 17:14

Tgt Ion:202 Resp: 8859
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.1 13.7 20.5





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.71 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

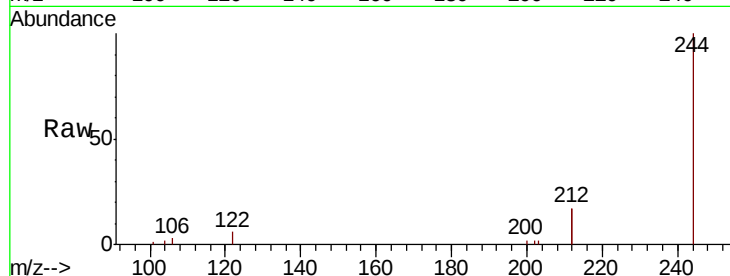
Tot Ion:244 Resp: 6499

Ion Ratio Lower Upper

244 100

212 34.3 27.4 41.2

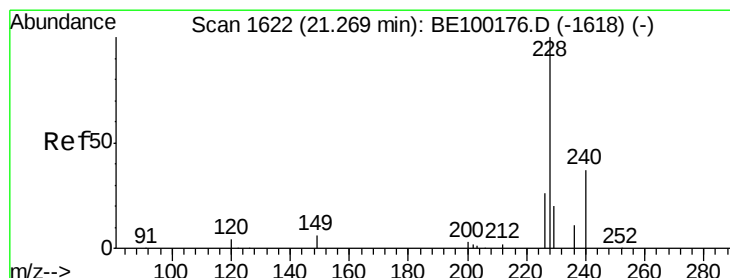
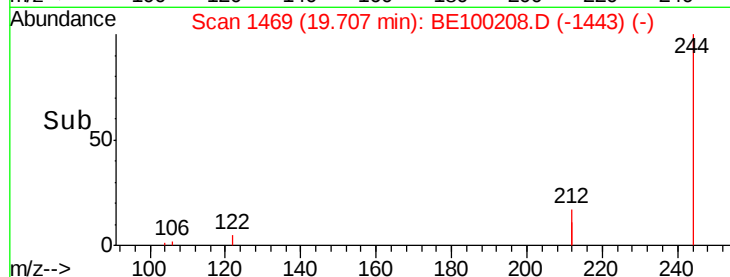
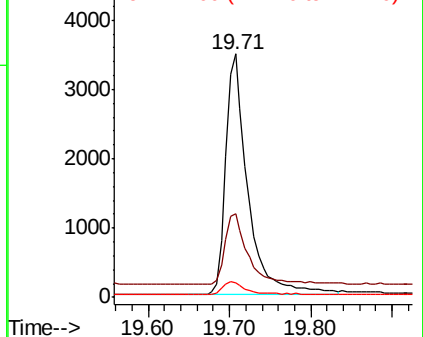
122 6.0 4.8 7.2



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: 0.422 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

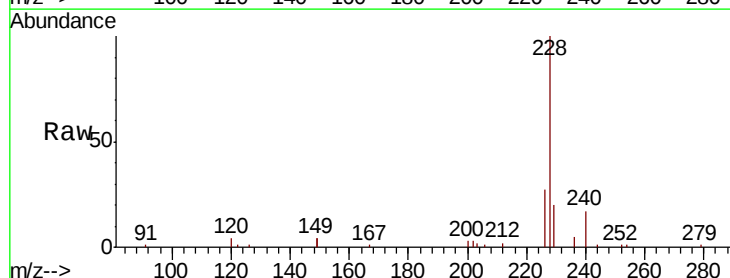
Tgt Ion:228 Resp: 9275

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

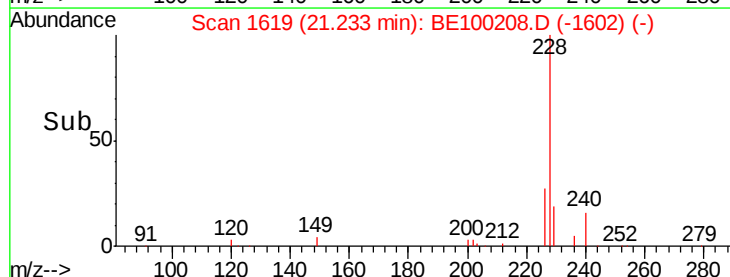
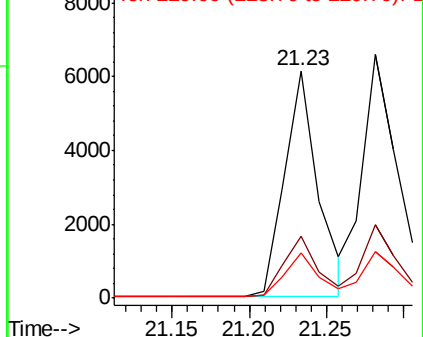
229 19.8 15.8 23.8

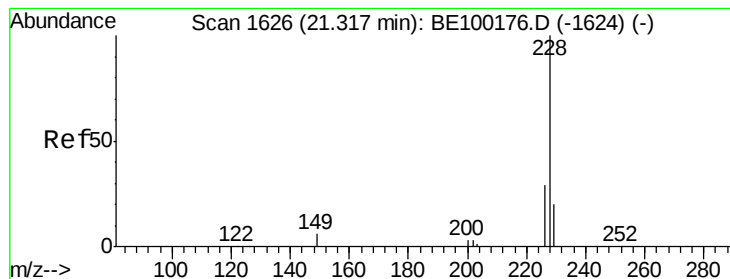


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

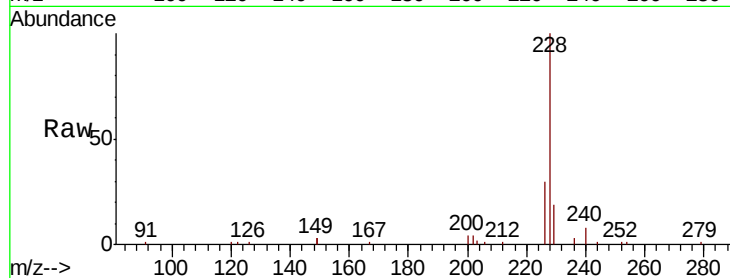
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 10557

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.2	15.4	23.0



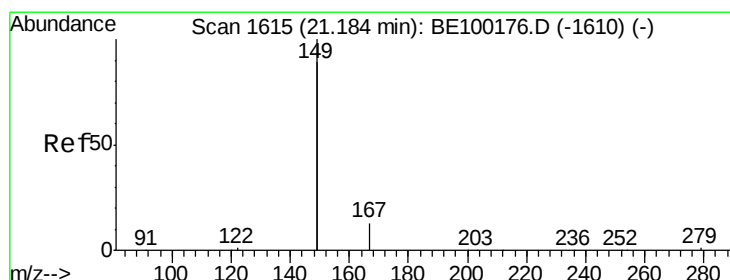
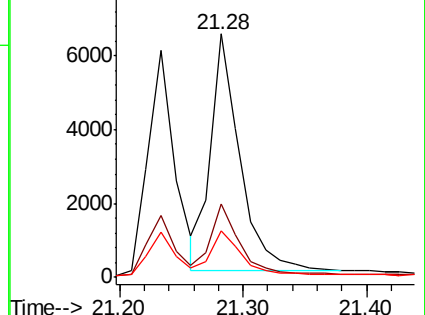
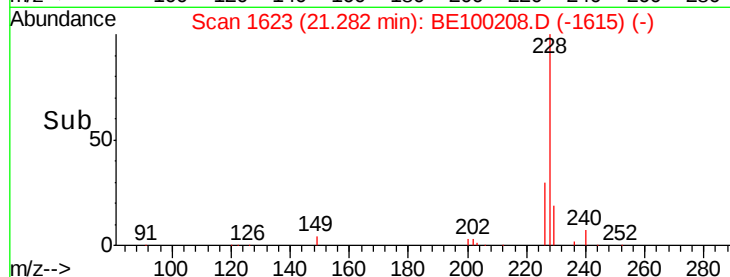
Abundance

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

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.372 ng

RT: 21.15 min Scan# 1612

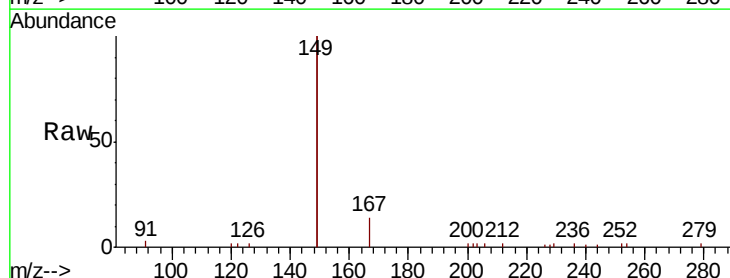
Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Tgt Ion:149 Resp: 9407

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.3	1.0	1.6



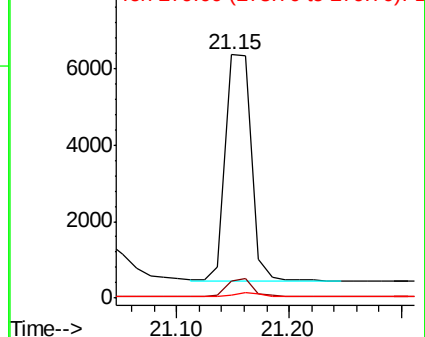
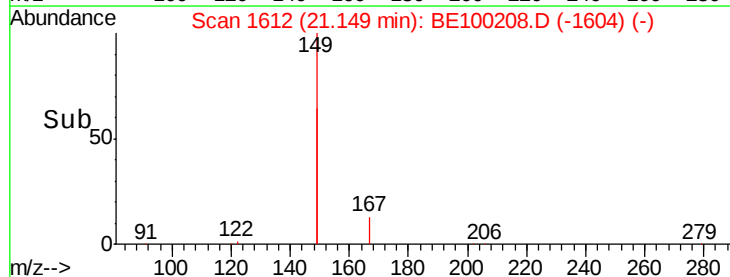
Abundance

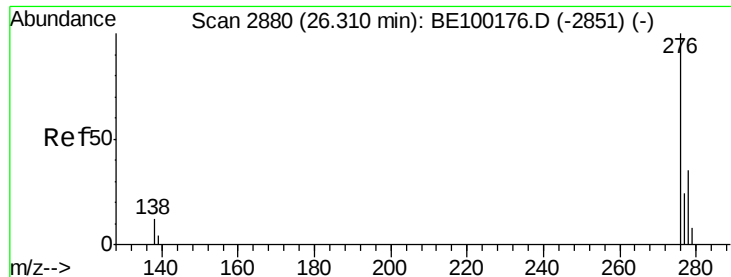
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.320 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

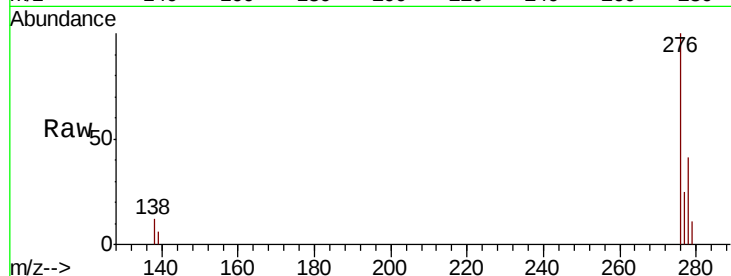
Tot Ion:276 Resp: 11754

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

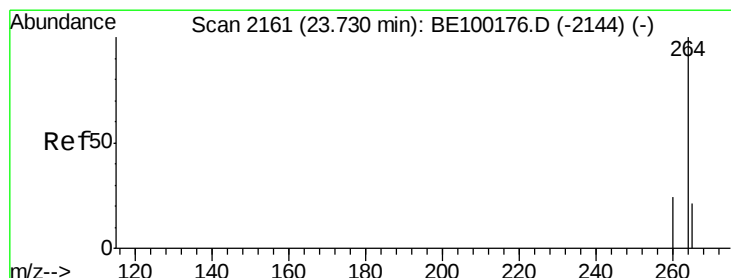
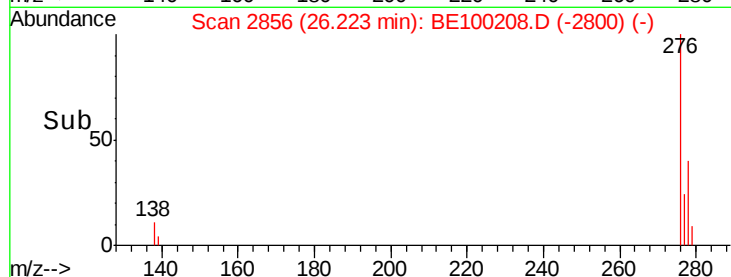
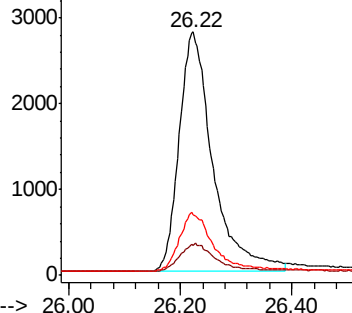
277 24.2 19.4 29.0



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: 23.67 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

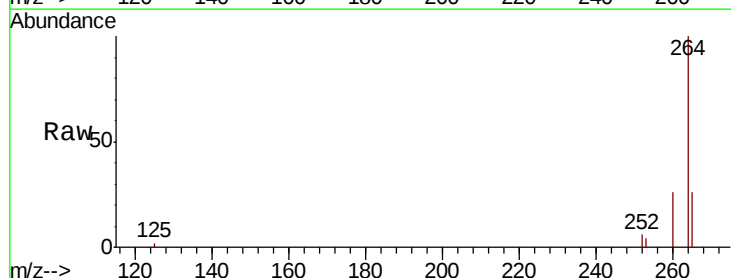
Tgt Ion:264 Resp: 8434

Ion Ratio Lower Upper

264 100

260 26.4 21.1 31.7

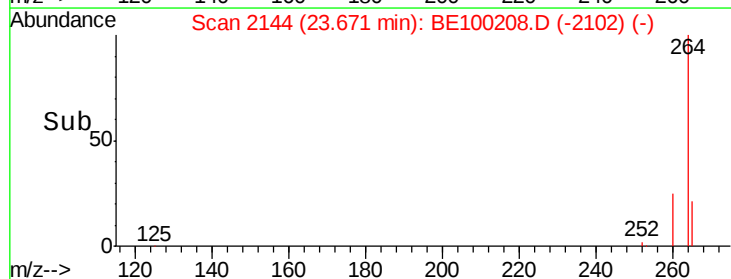
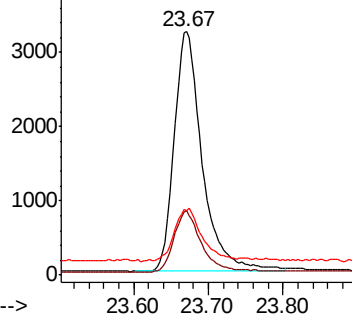
265 26.5 21.2 31.8

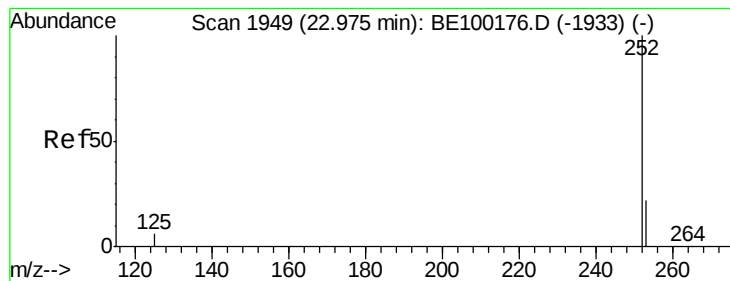


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.420 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

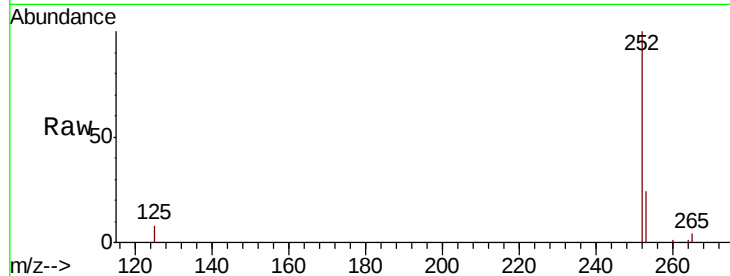
Tot Ion:252 Resp: 9532

Ion Ratio Lower Upper

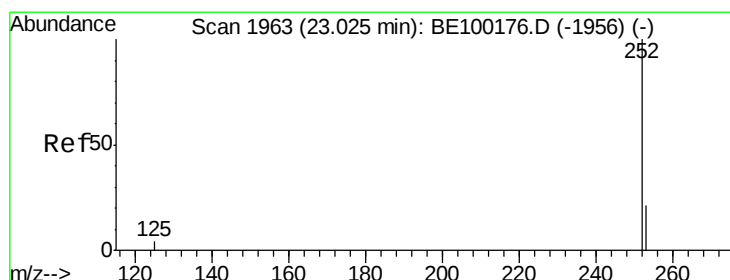
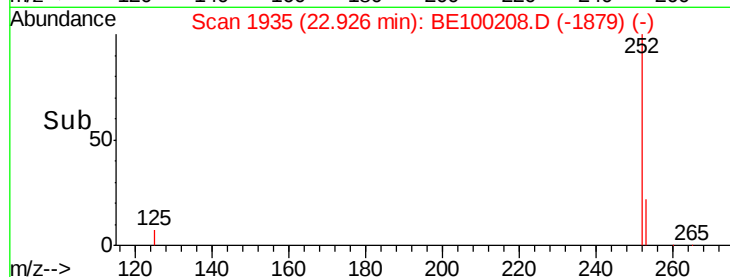
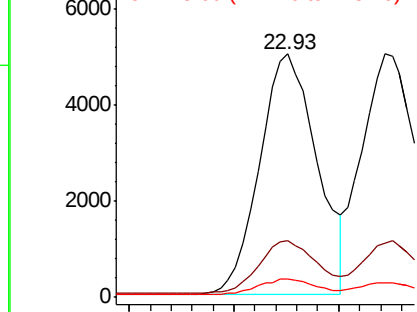
252 100

253 23.6 18.9 28.3

125 7.8 6.2 9.4



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



#36

Benzo(k)fluoranthene

Concen: 0.409 ng

RT: 22.97 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

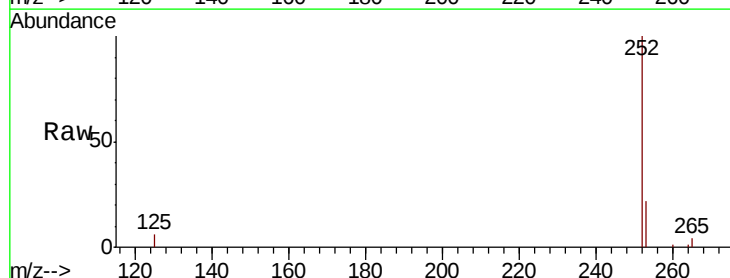
Tgt Ion:252 Resp: 11104

Ion Ratio Lower Upper

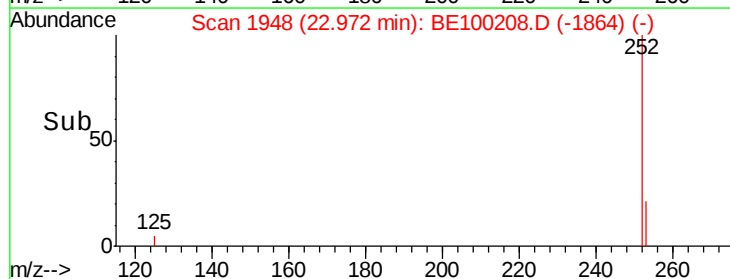
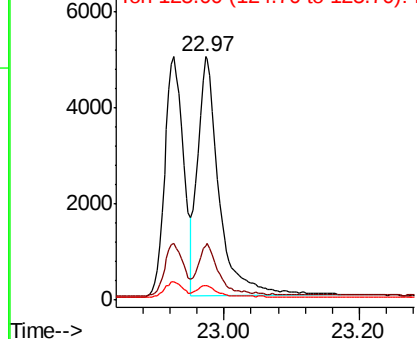
252 100

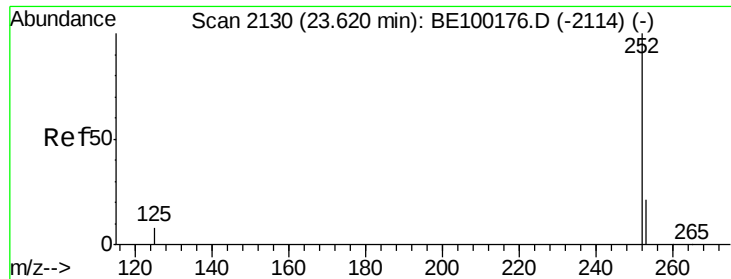
253 22.3 17.8 26.8

125 6.1 4.9 7.3



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: 0.397 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

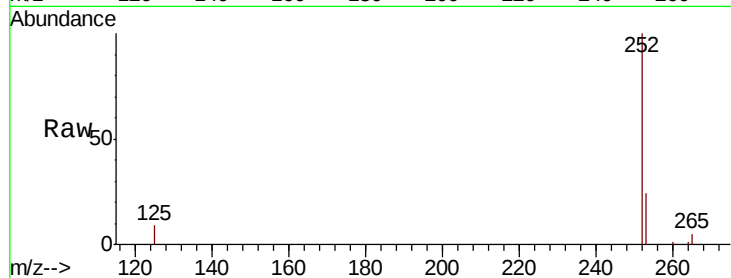
Tot Ion:252 Resp: 9321

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

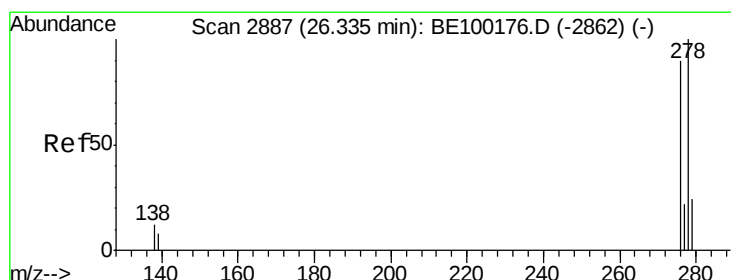
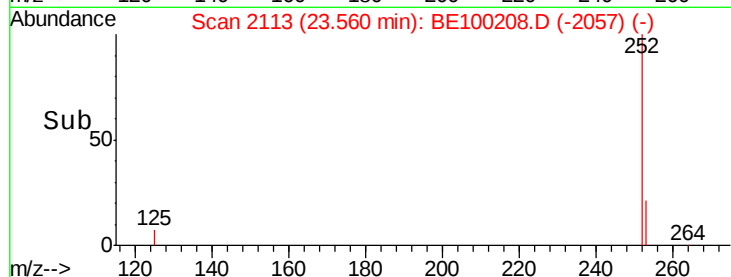
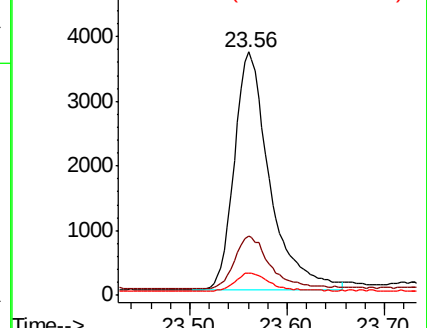
125 9.1 7.3 10.9



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: 0.352 ng

RT: 26.24 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

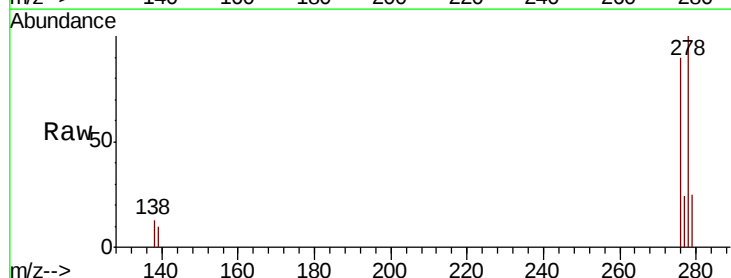
Tgt Ion:278 Resp: 8859

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.4

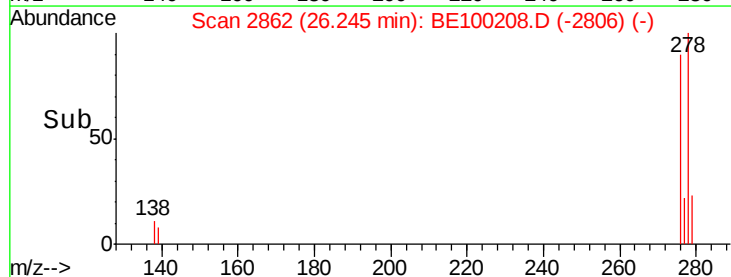
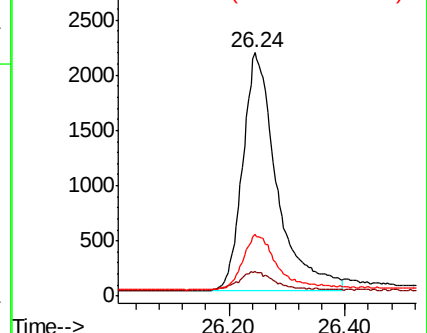
279 25.5 20.4 30.6

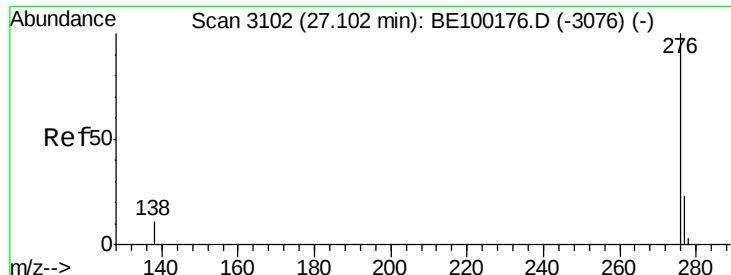


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.384 ng

RT: 27.00 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BE100208.D

Acq: 27 Jun 2019 17:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

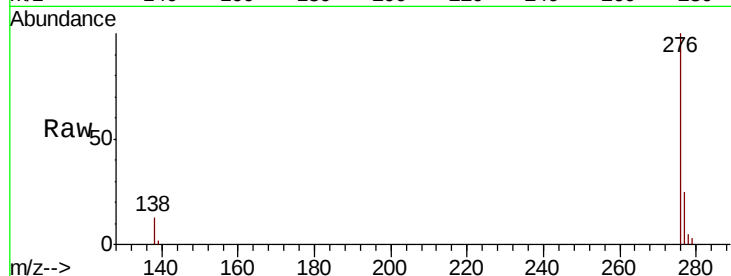
Tot Ion:276 Resp: 10071

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 12.7 10.2 15.2



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

