

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\
 Data File : BE100278.D
 Acq On : 1 Jul 2019 23:56
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 02 02:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	959	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3404	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2612	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6995	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8519	0.40	ng	0.00
34) Perylene-d12	23.67	264	9904	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	1046	0.43	ng	0.01
5) Phenol-d6	6.83	99	1410	0.44	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1553	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2779	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	721	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	4352	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	39196	0.39	ng	0.00
29) Terphenyl-d14	19.70	244	8725	0.49	ng	0.00

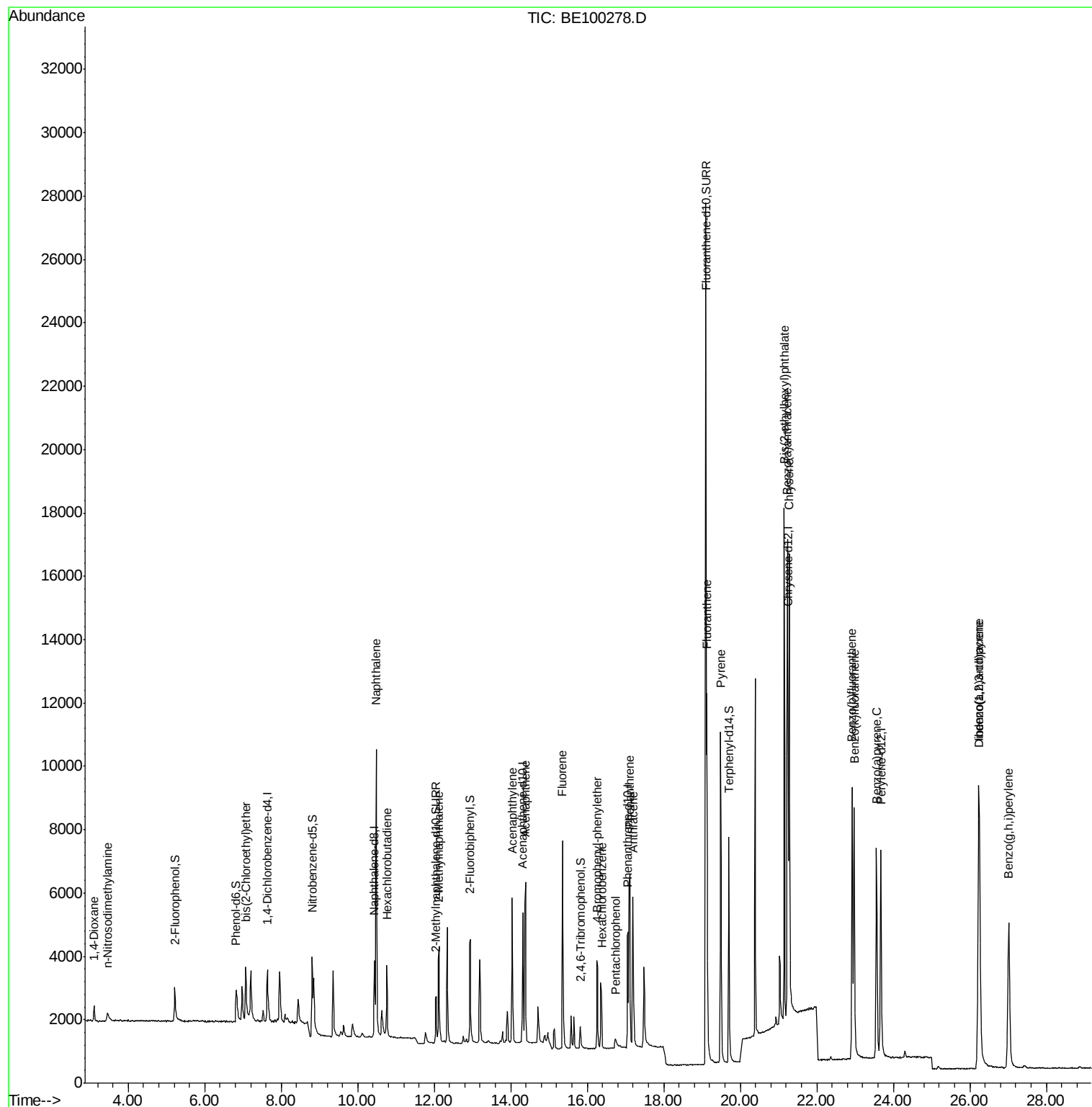
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	477	0.321	ng	95
3) n-Nitrosodimethylamine	3.46	42	299	0.431	ng	# 79
6) bis(2-Chloroethyl)ether	7.08	93	1182	0.447	ng	86
9) Naphthalene	10.48	128	15733	0.419	ng	98
10) Hexachlorobutadiene	10.76	225	1604	0.444	ng	98
12) 2-Methylnaphthalene	12.12	142	2721	0.413	ng	96
16) Acenaphthylene	14.04	152	5371	0.428	ng	98
17) Acenaphthene	14.39	154	3043	0.428	ng	100
18) Fluorene	15.35	166	4224	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	2000	0.448	ng	# 95
21) Hexachlorobenzene	16.37	284	2108	0.455	ng	97
22) Pentachlorophenol	16.73	266	428	0.307	ng	95
23) Phenanthrene	17.11	178	7299	0.431	ng	99
24) Anthracene	17.20	178	6703	0.439	ng	99
26) Fluoranthene	19.13	202	10748	0.398	ng	99
28) Pyrene	19.49	202	11097	0.492	ng	100
30) Benzo(a)anthracene	21.23	228	12272	0.438	ng	97
31) Chrysene	21.28	228	12946	0.460	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	17641	0.388	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	15094	0.406	ng	99
35) Benzo(b)fluoranthene	22.92	252	11730	0.437	ng	98
36) Benzo(k)fluoranthene	22.97	252	12682	0.423	ng	98
37) Benzo(a)pyrene	23.56	252	11623	0.432	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	12035	0.428	ng	99
39) Benzo(g,h,i)perylene	27.02	276	12368	0.428	ng	100

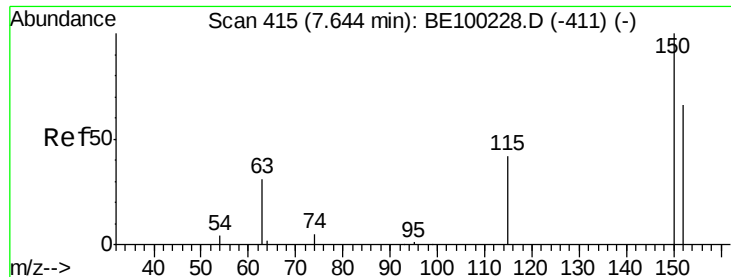
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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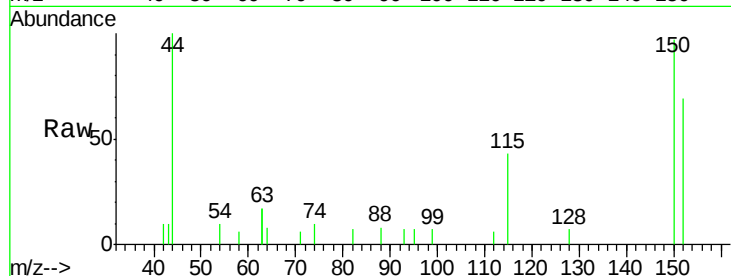


#1

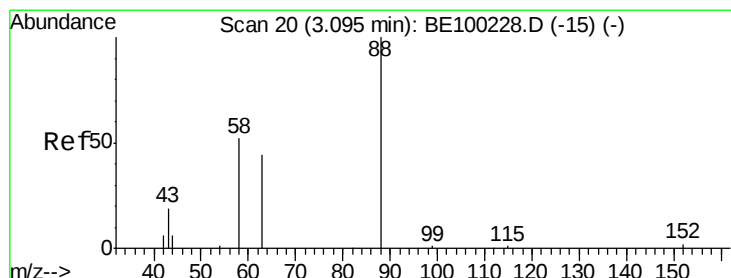
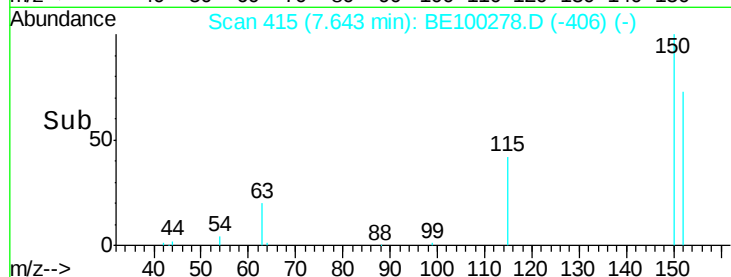
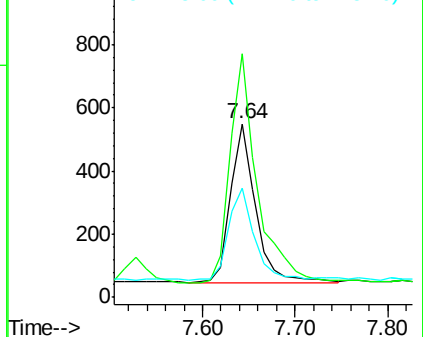
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 959
Ion Ratio Lower Upper
152 100
150 140.4 114.5 171.7
115 62.7 57.1 85.7



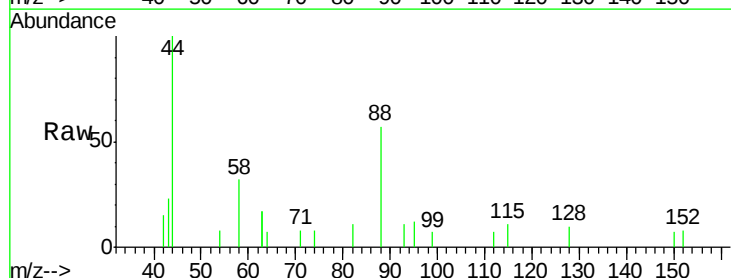
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



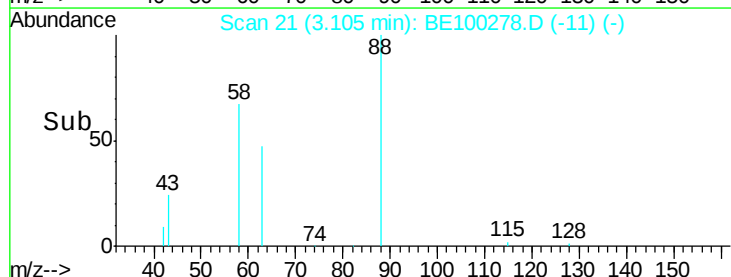
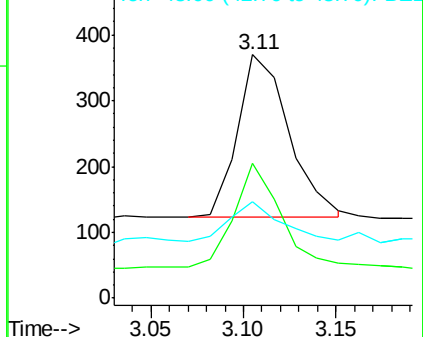
#2

1,4-Dioxane
Concen: 0.321 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Tgt Ion: 88 Resp: 477
Ion Ratio Lower Upper
88 100
58 58.9 43.6 65.4
43 24.7 21.4 32.0



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



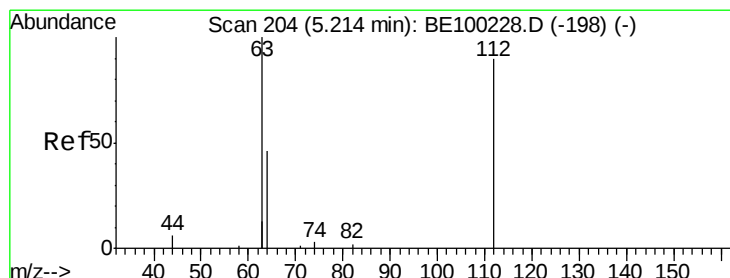
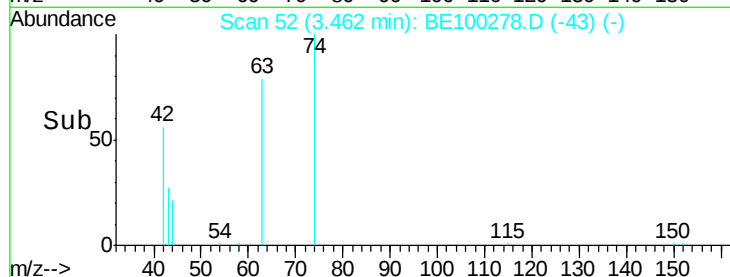
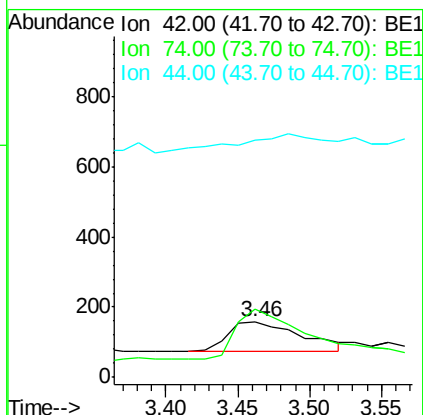
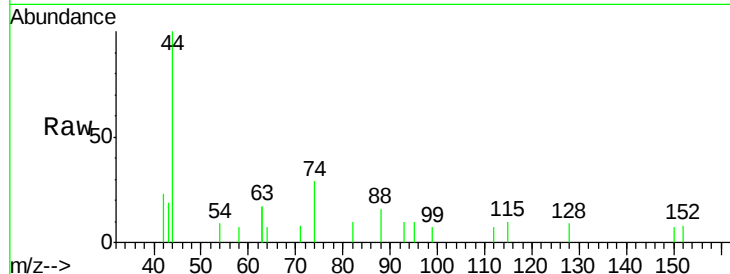


#3

n-Nitrosodimethylamine
 Concen: 0.431 ng
 RT: 3.46 min Scan# 52
 Delta R.T. -0.00 min
 Lab File: BE100278.D
 Acq: 1 Jul 2019 23:56

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

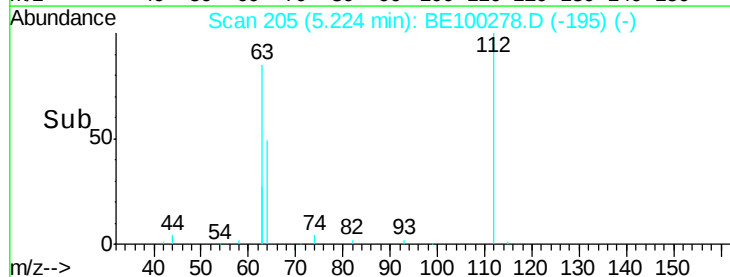
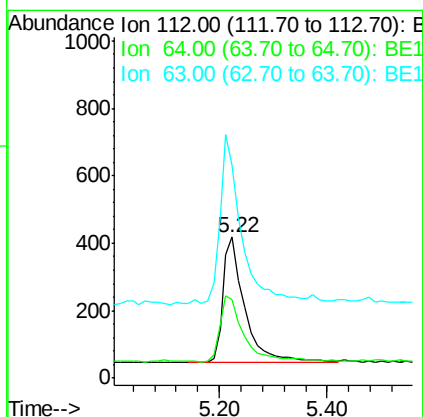
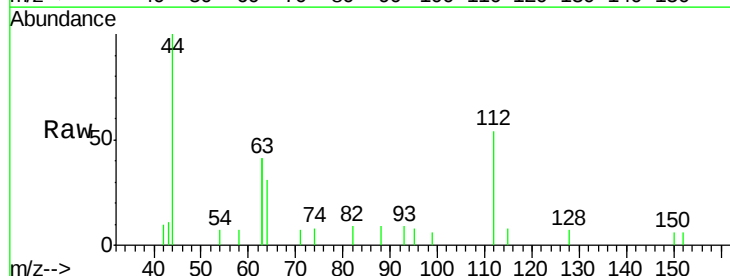
Tot Ion: 42 Resp: 299
 Ion Ratio Lower Upper
 42 100
 74 153.8 130.6 196.0
 44 0.0 38.0 57.0#



#4

2-Fluorophenol
 Concen: 0.428 ng
 RT: 5.22 min Scan# 205
 Delta R.T. 0.01 min
 Lab File: BE100278.D
 Acq: 1 Jul 2019 23:56

Tgt Ion: 112 Resp: 1046
 Ion Ratio Lower Upper
 112 100
 64 58.6 39.4 59.0
 63 130.4 104.5 156.7





#5

Phenol-d6

Concen: 0.438 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

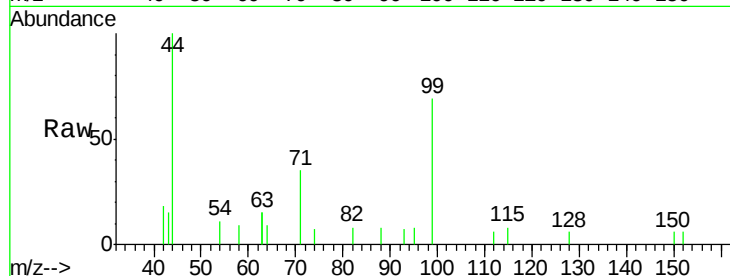
Tot Ion: 99 Resp: 1410

Ion Ratio Lower Upper

99 100

42 16.2 11.2 16.8

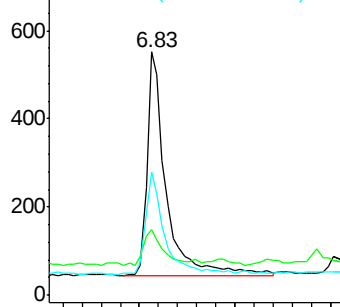
71 44.6 37.2 55.8



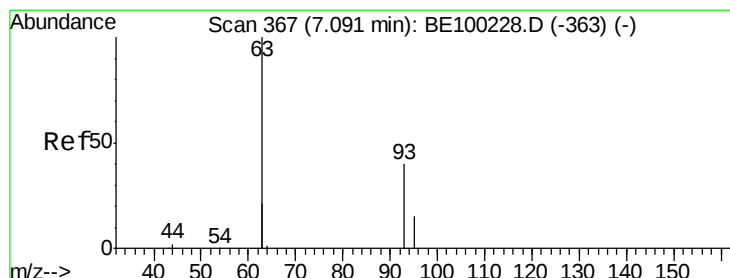
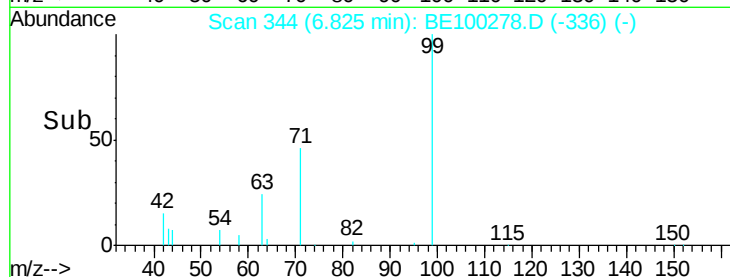
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.447 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

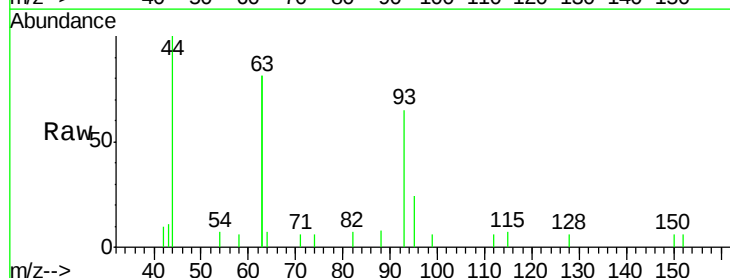
Tgt Ion: 93 Resp: 1182

Ion Ratio Lower Upper

93 100

63 217.9 155.6 233.4

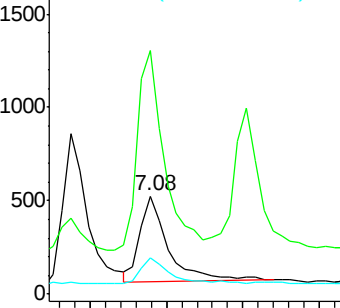
95 31.1 23.0 34.4



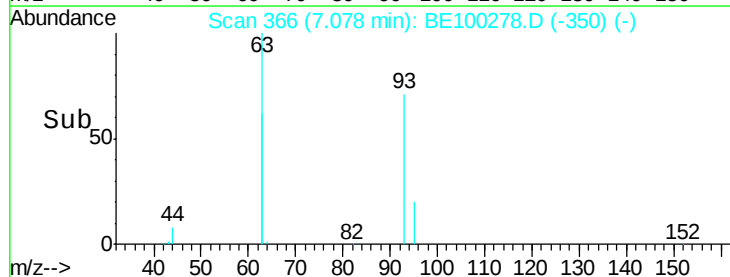
Abundance Ion 93.00 (92.70 to 93.70): BE1

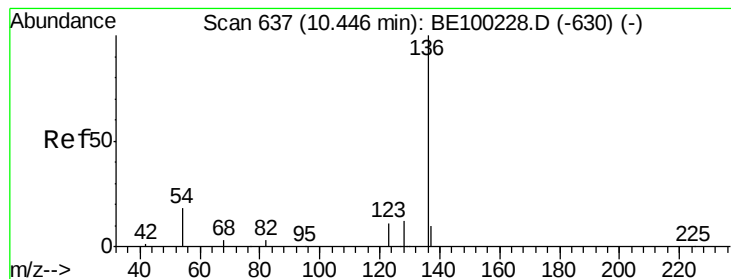
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3404

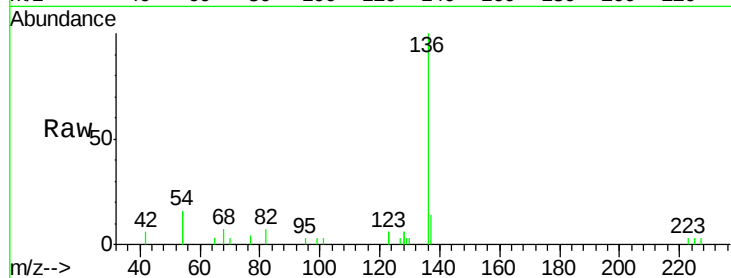
Ion Ratio Lower Upper

136 100

137 13.7 11.8 17.8

54 31.8 27.7 41.5

68 7.4 6.8 10.2

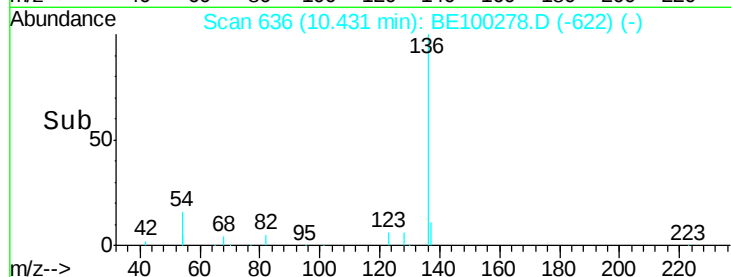


Abundance Ion 136.00 (135.70 to 136.70): E

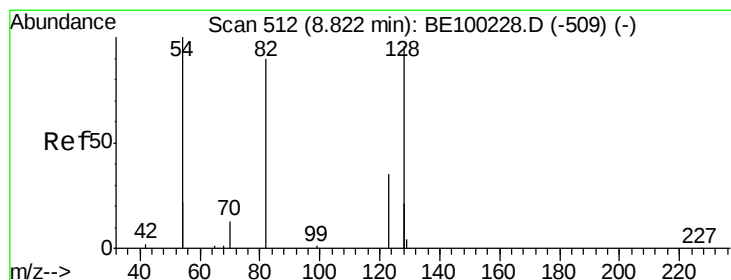
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->



#8

Nitrobenzene-d5

Concen: 0.459 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

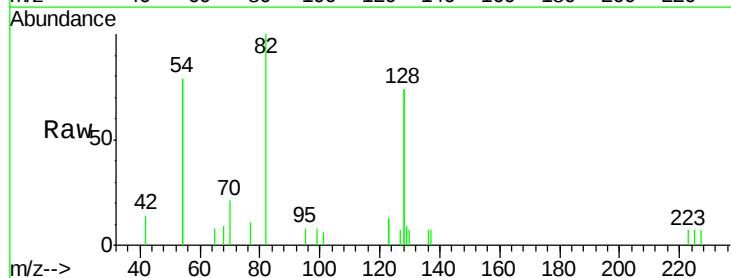
Tgt Ion: 82 Resp: 1553

Ion Ratio Lower Upper

82 100

128 148.7 140.9 211.3

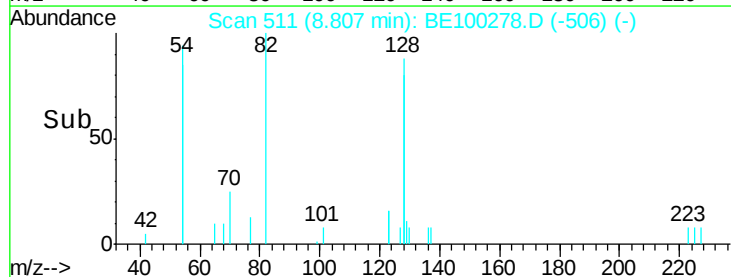
54 158.5 146.2 219.2



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



Time-->



#9

Naphthalene

Concen: 0.419 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

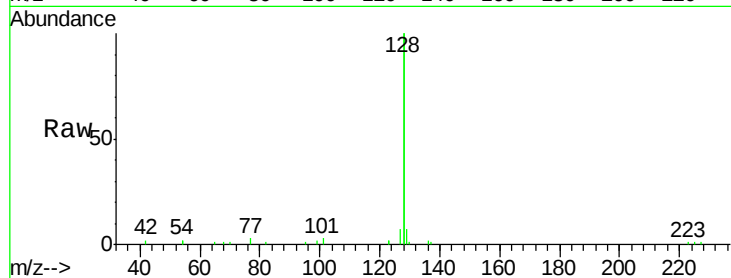
Tot Ion:128 Resp: 15733

Ion Ratio Lower Upper

128 100

129 3.3 3.0 4.6

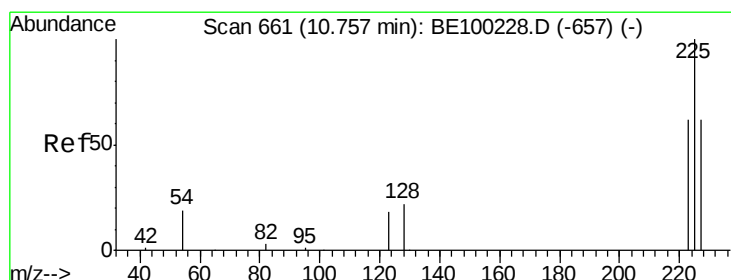
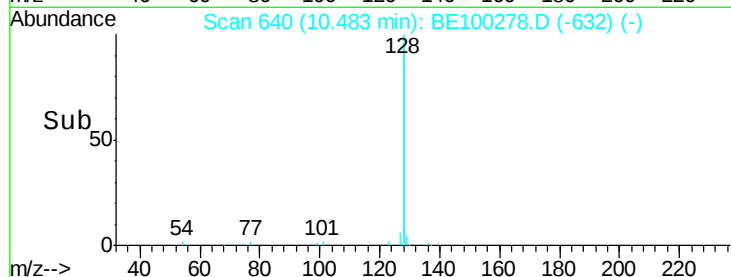
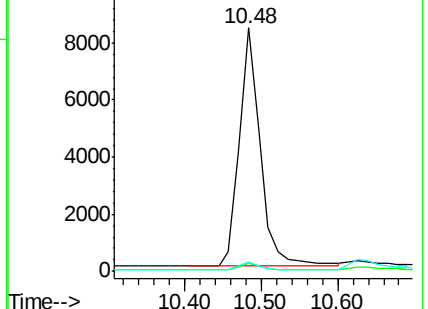
127 3.7 3.5 5.3



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: 0.444 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

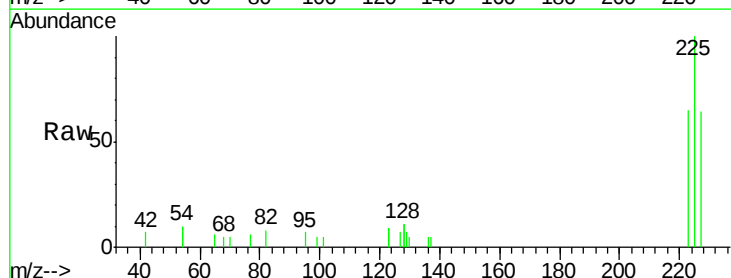
Tgt Ion:225 Resp: 1604

Ion Ratio Lower Upper

225 100

223 62.3 49.1 73.7

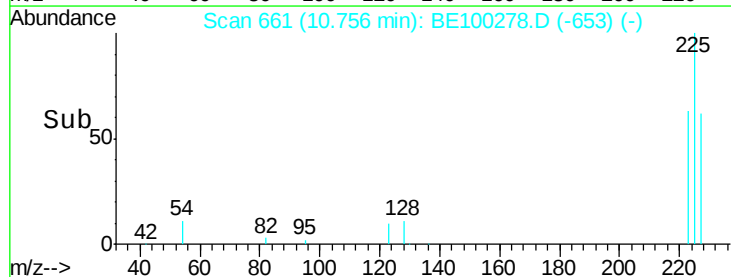
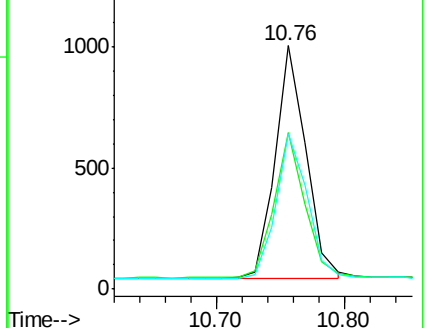
227 63.3 49.3 73.9

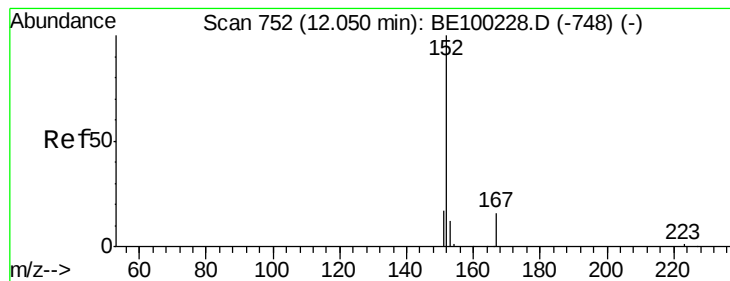


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

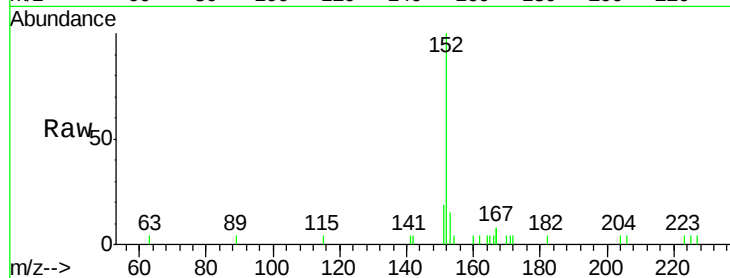
SSTDCCC0.4

Tot Ion:152 Resp: 2779

Ion Ratio Lower Upper

152 100

151 19.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

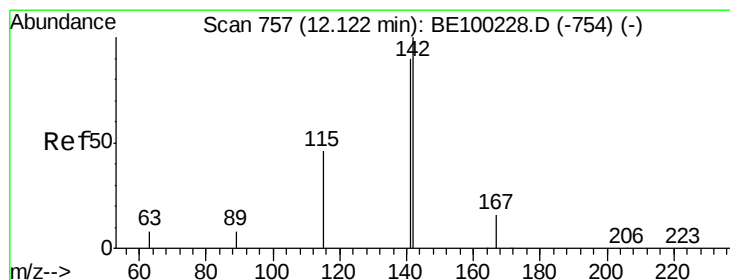
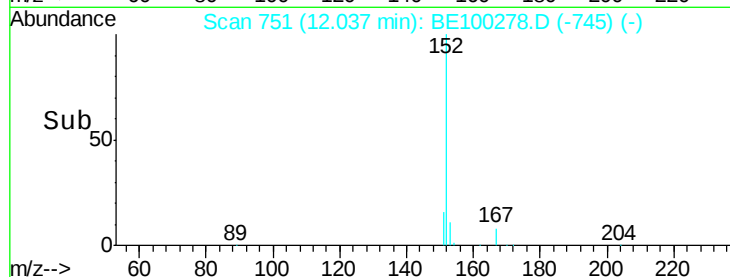
1000

500

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.413 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

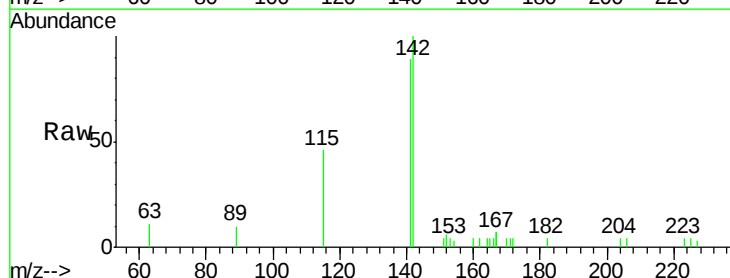
Tgt Ion:142 Resp: 2721

Ion Ratio Lower Upper

142 100

141 88.8 72.4 108.6

115 45.5 40.4 60.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.12

1500

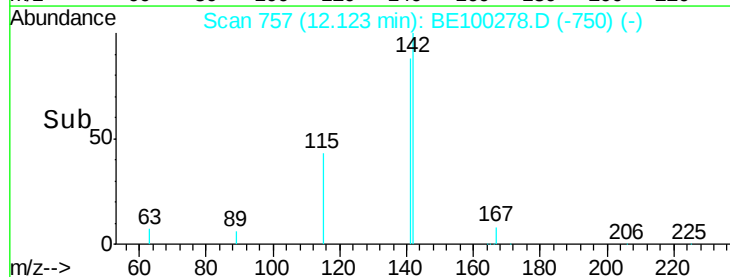
1000

500

0

Time-->

12.10 12.20

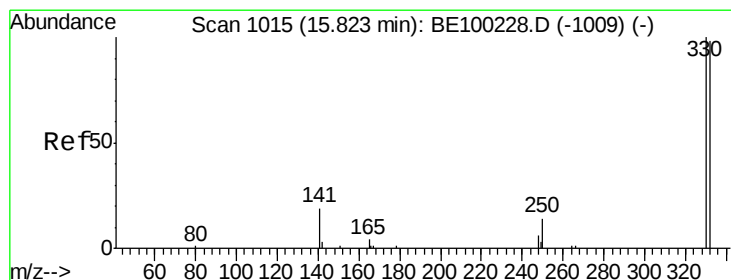
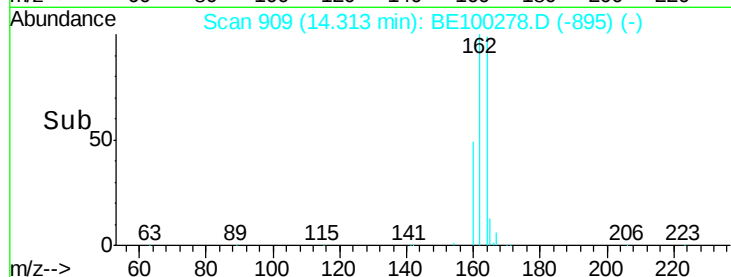
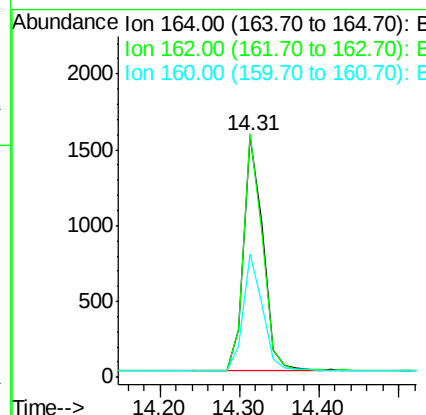
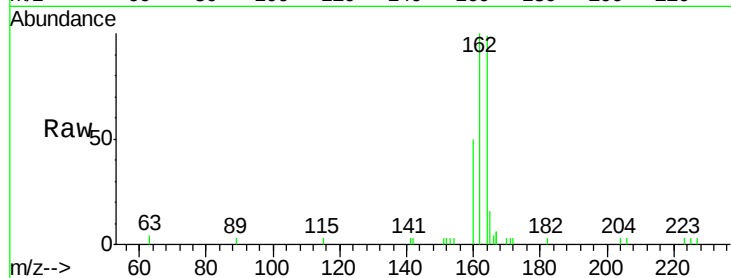




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100278.D
 Acq: 1 Jul 2019 23:56

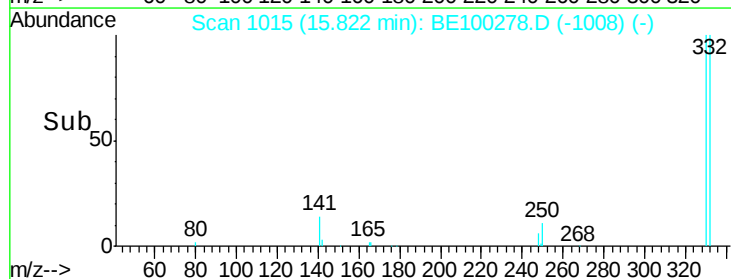
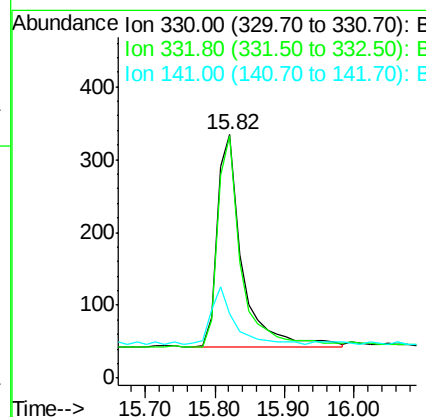
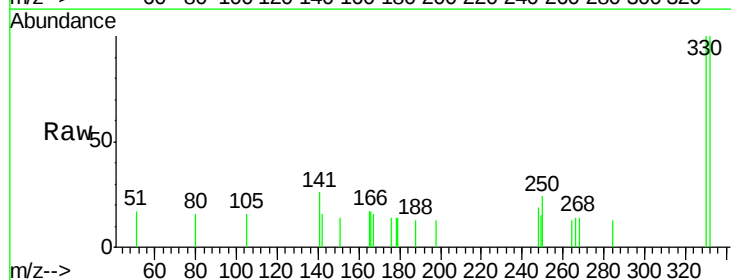
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:164 Resp: 2612
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.4 125.0
 160 51.0 45.0 67.6



#14
 2,4,6-Tribromophenol
 Concen: 0.395 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100278.D
 Acq: 1 Jul 2019 23:56

Tgt Ion:330 Resp: 721
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.4
 141 25.5 22.0 33.0

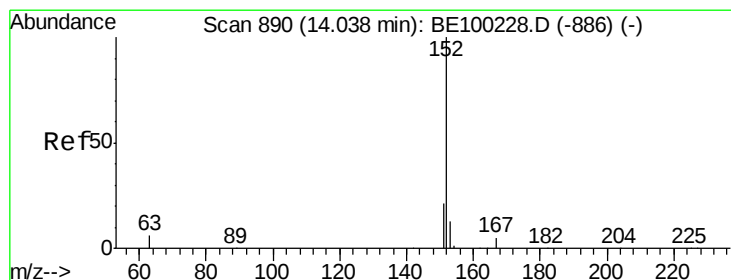
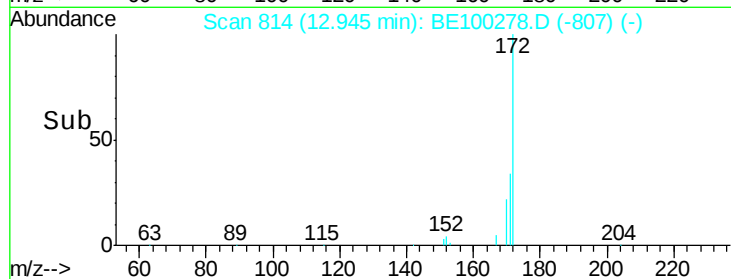
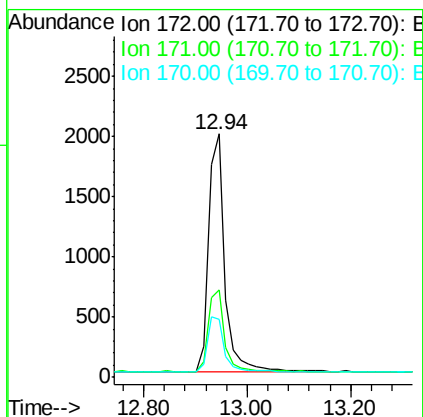
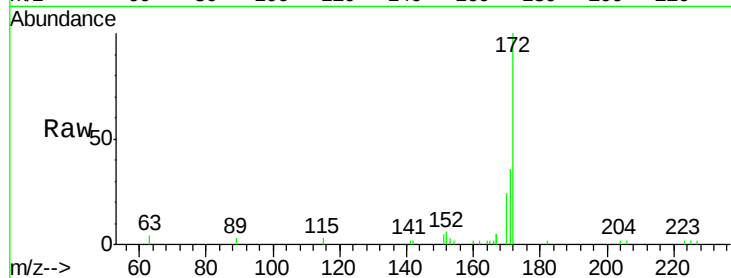




#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

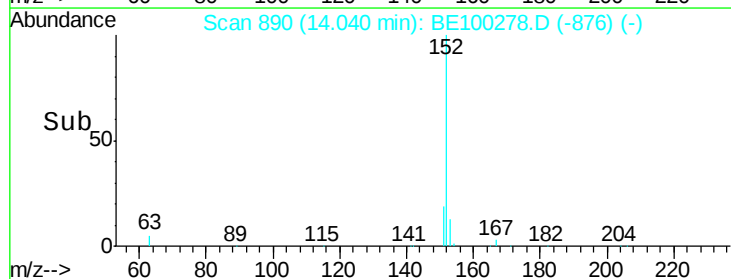
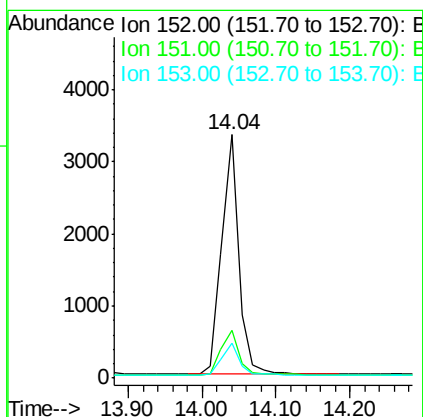
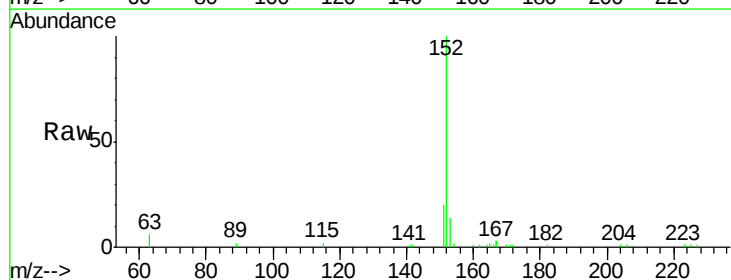
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

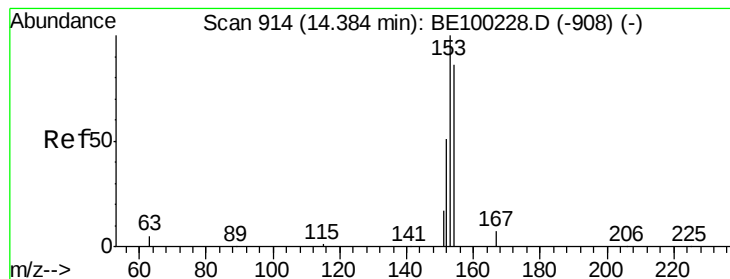
Tot Ion:172 Resp: 4352
Ion Ratio Lower Upper
172 100
171 35.8 31.9 47.9
170 24.0 22.2 33.2



#16
Acenaphthylene
Concen: 0.428 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Tgt Ion:152 Resp: 5371
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.428 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

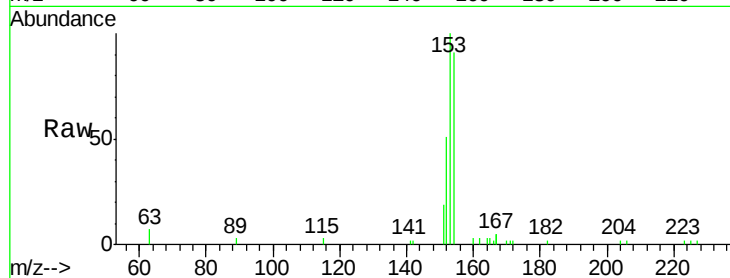
Tot Ion:154 Resp: 3043

Ion Ratio Lower Upper

154 100

153 117.2 93.4 140.2

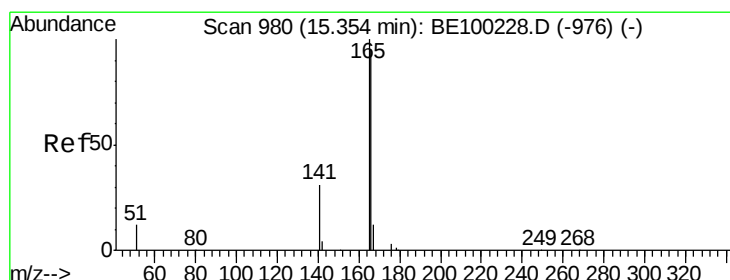
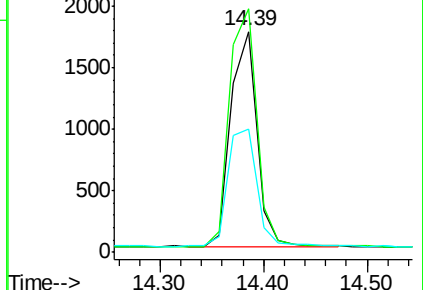
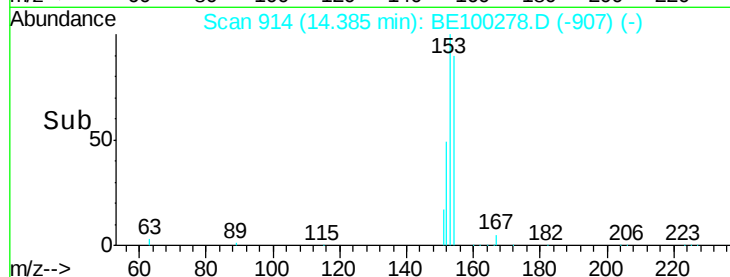
152 61.2 49.4 74.2



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: 0.402 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

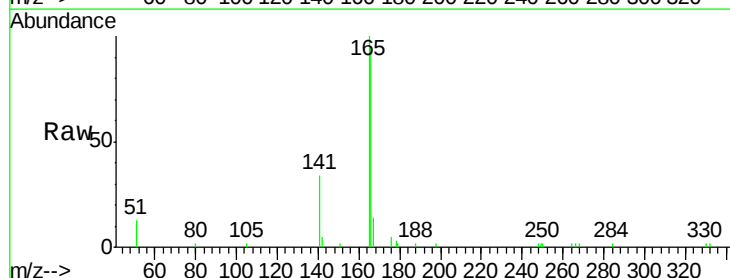
Tgt Ion:166 Resp: 4224

Ion Ratio Lower Upper

166 100

165 102.5 81.1 121.7

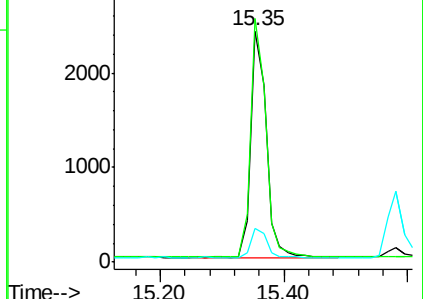
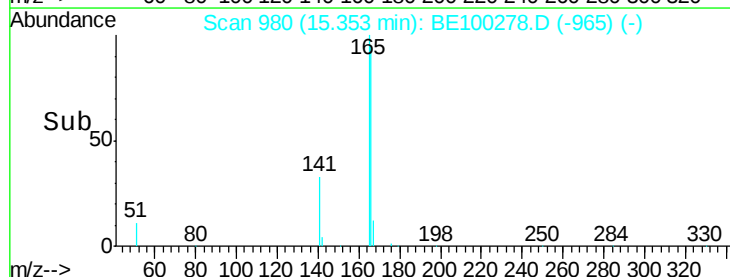
167 13.4 10.7 16.1



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

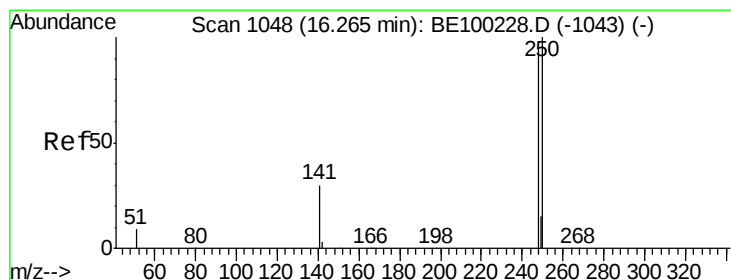
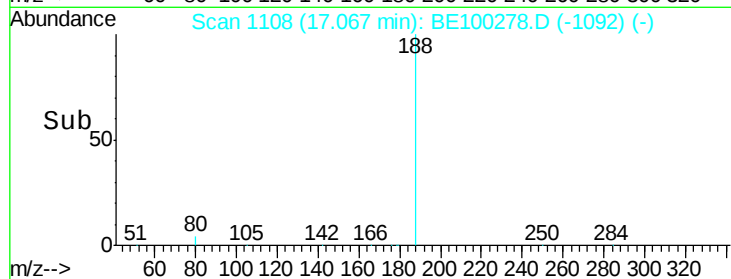
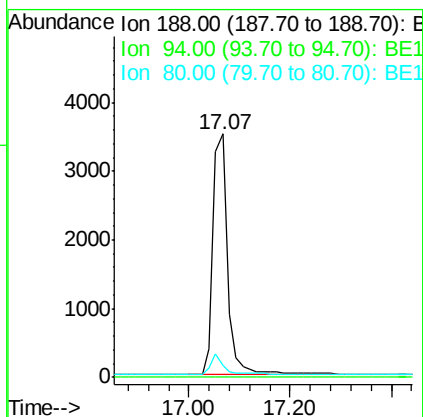
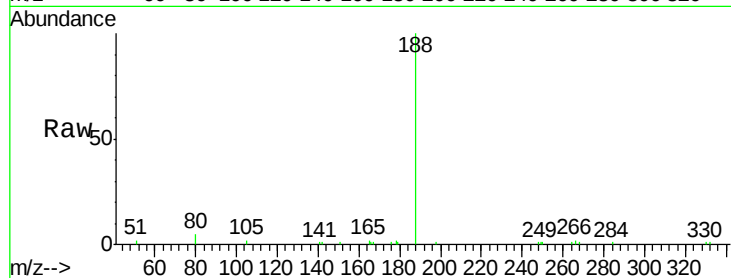




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

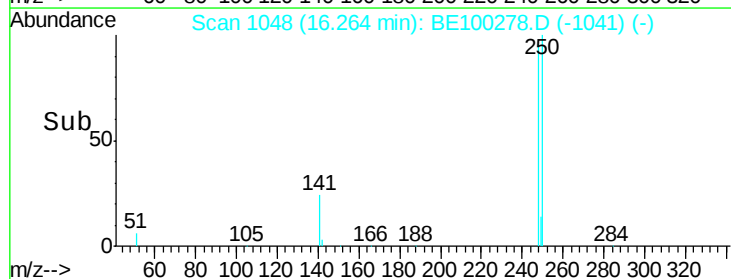
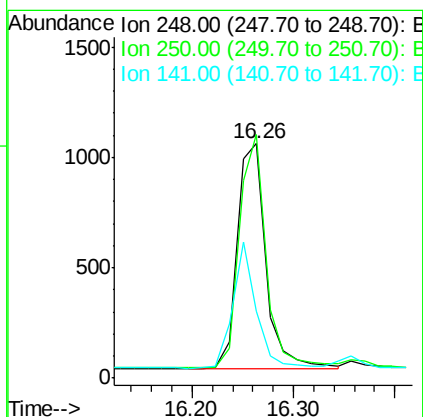
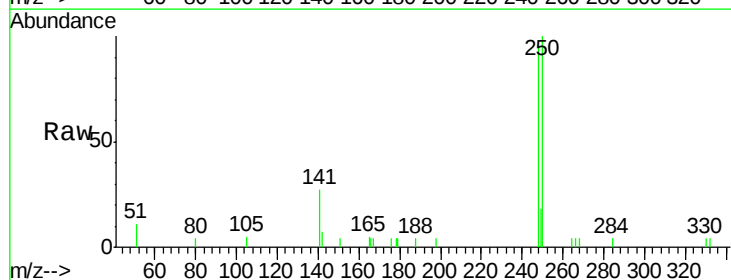
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

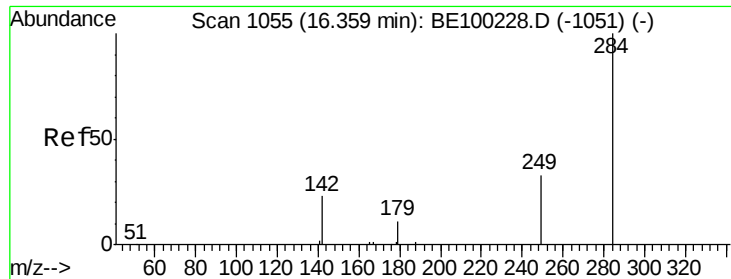
Tot Ion:188 Resp: 6995
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.1 7.6 11.4#



#20
4-Bromophenyl-phenylether
Concen: 0.448 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Tgt Ion:248 Resp: 2000
Ion Ratio Lower Upper
248 100
250 104.0 84.2 126.4
141 28.5 29.3 43.9#

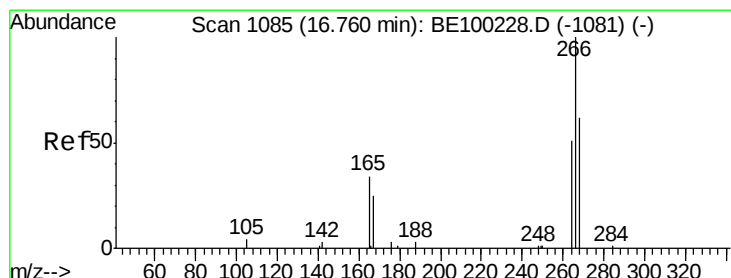
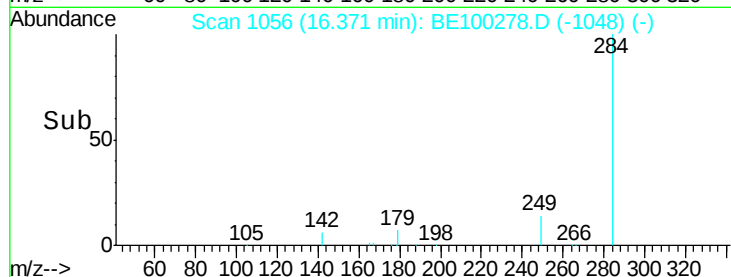
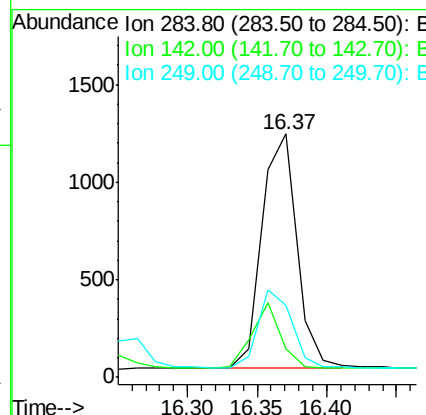
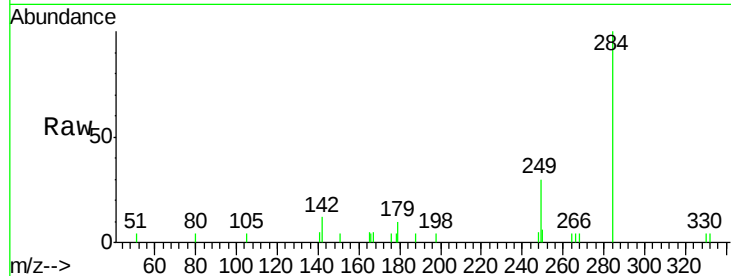




#21
Hexachlorobenzene
Concen: 0.455 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

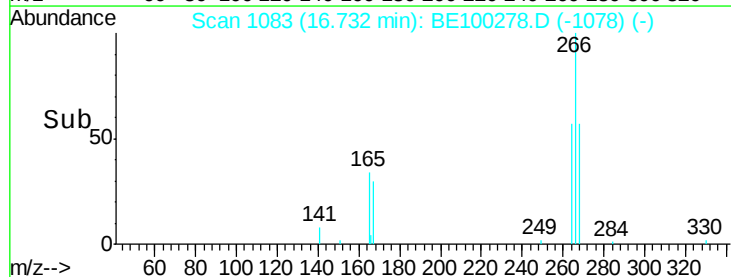
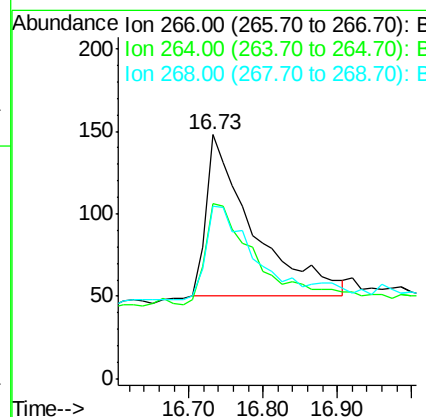
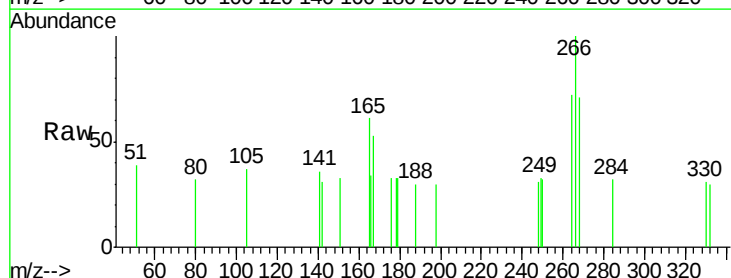
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 2108
Ion Ratio Lower Upper
284 100
142 22.7 18.8 28.2
249 32.0 23.7 35.5



#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Tgt Ion:266 Resp: 428
Ion Ratio Lower Upper
266 100
264 71.6 56.2 84.2
268 70.9 61.8 92.6





#23

Phenanthrene

Concen: 0.431 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

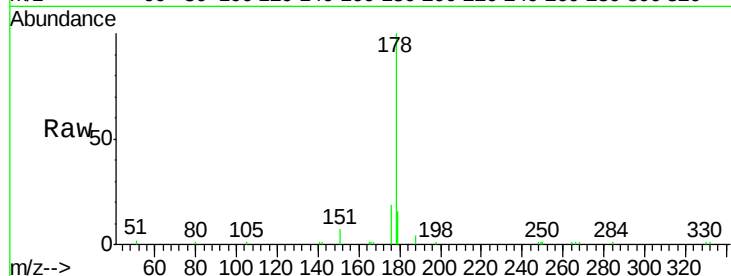
Tot Ion:178 Resp: 7299

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

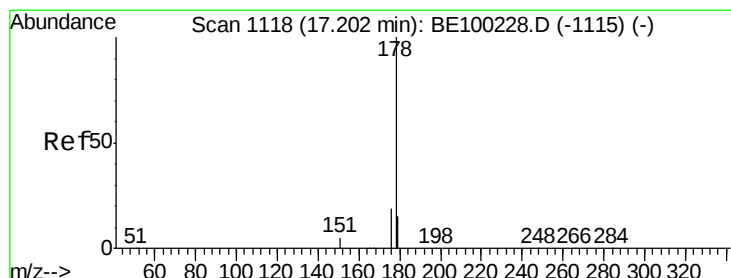
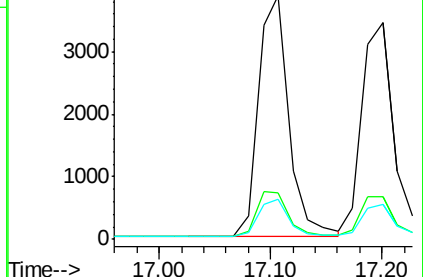
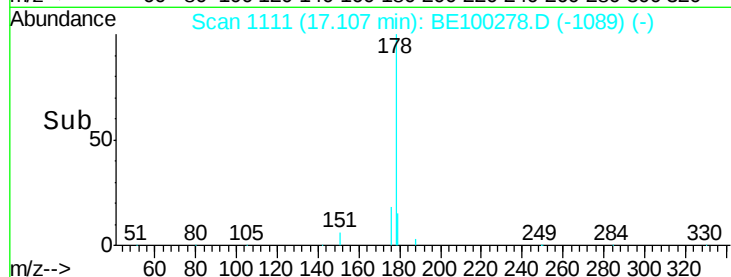
179 15.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.439 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

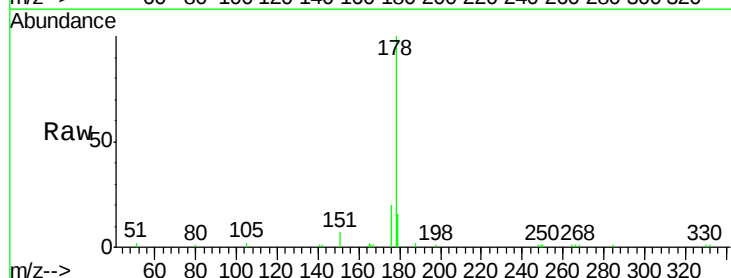
Tgt Ion:178 Resp: 6703

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

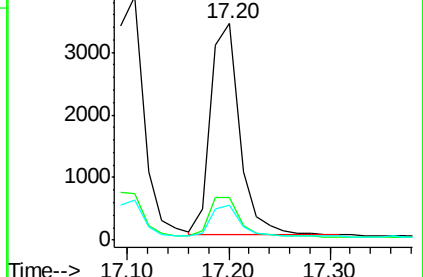
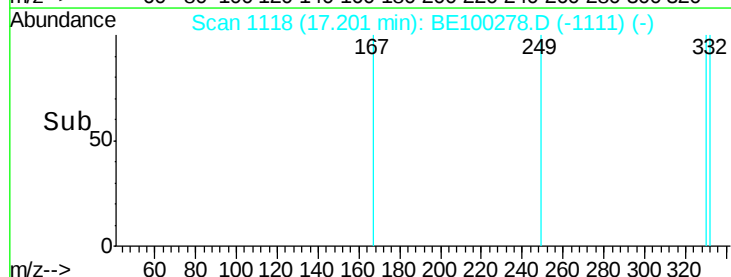
179 14.9 12.2 18.2

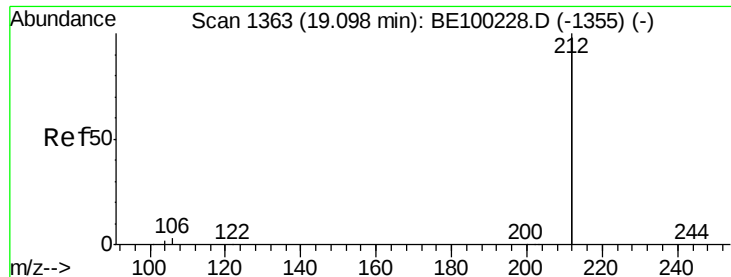


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

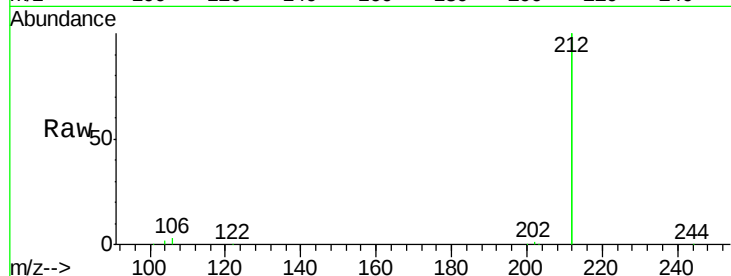
Tot Ion:212 Resp: 39196

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

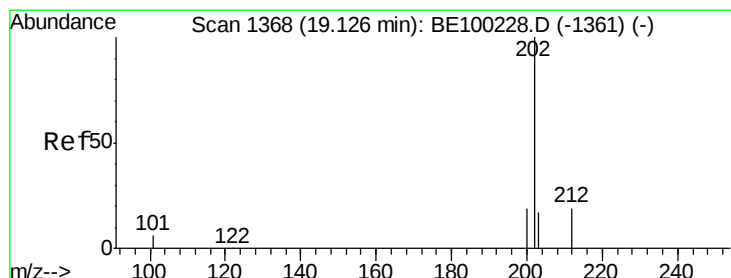
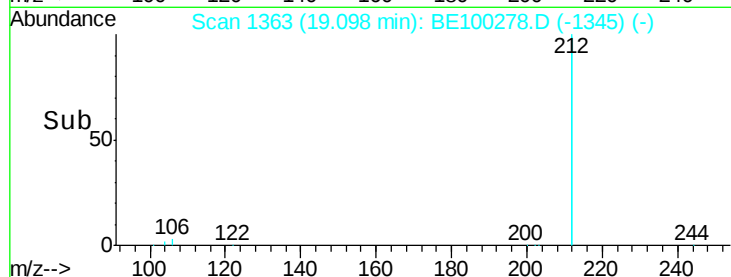
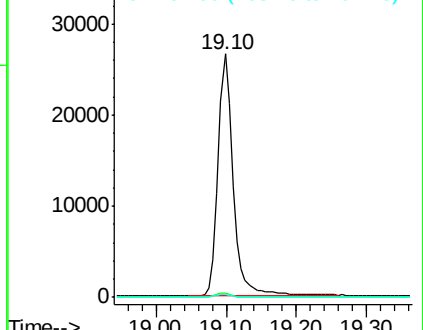
104 0.9 0.8 1.2



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: 0.398 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

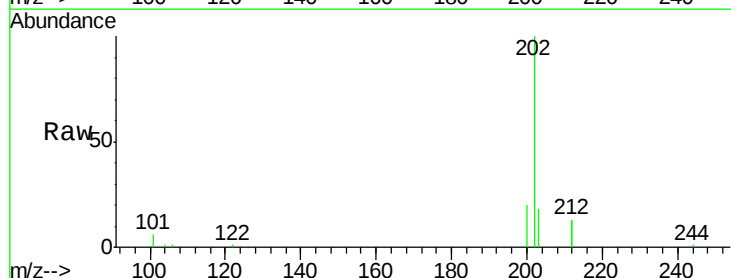
Tgt Ion:202 Resp: 10748

Ion Ratio Lower Upper

202 100

101 6.0 4.6 7.0

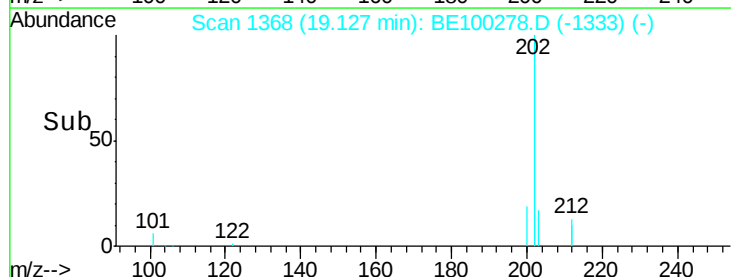
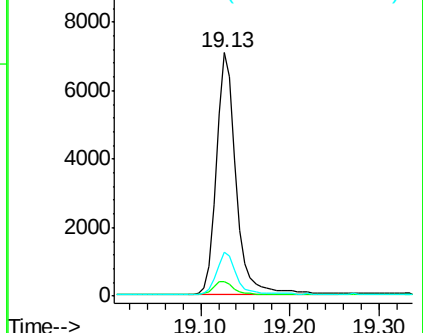
203 16.7 13.7 20.5

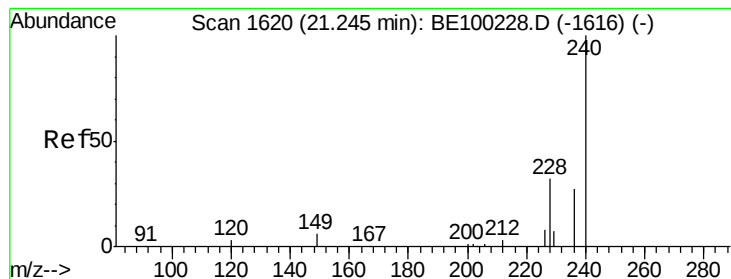


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

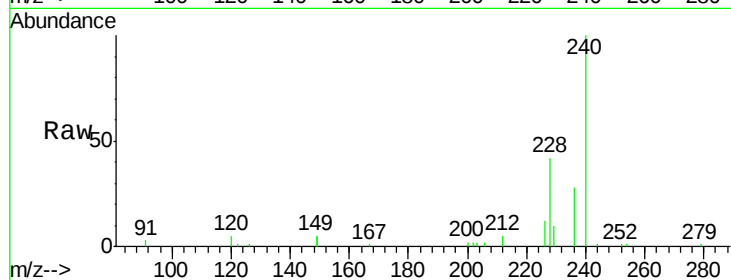
Tot Ion:240 Resp: 8519

Ion Ratio Lower Upper

240 100

120 4.9 3.3 4.9

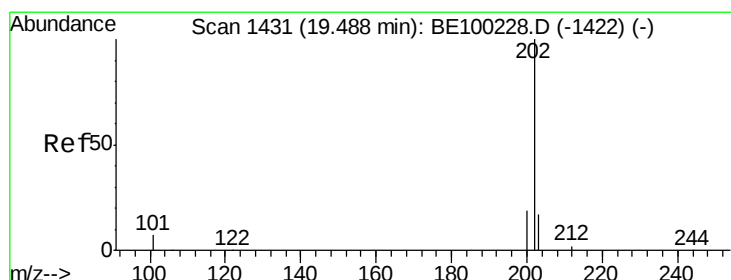
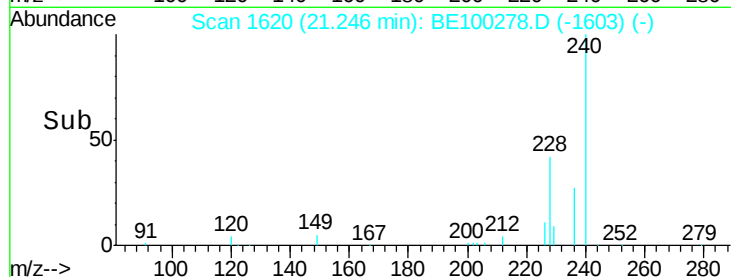
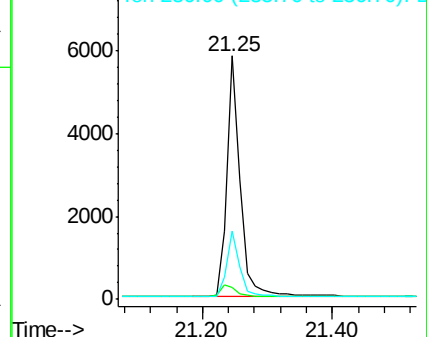
236 28.2 22.6 34.0



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: 0.492 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

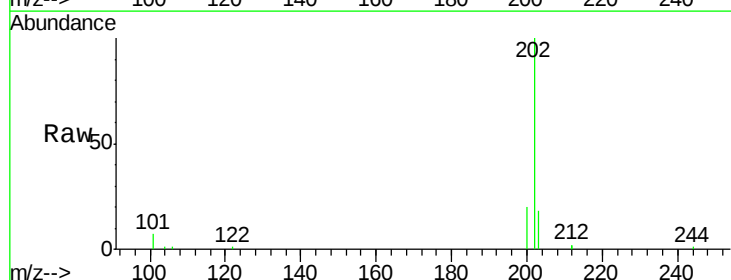
Tgt Ion:202 Resp: 11097

Ion Ratio Lower Upper

202 100

200 19.2 15.6 23.4

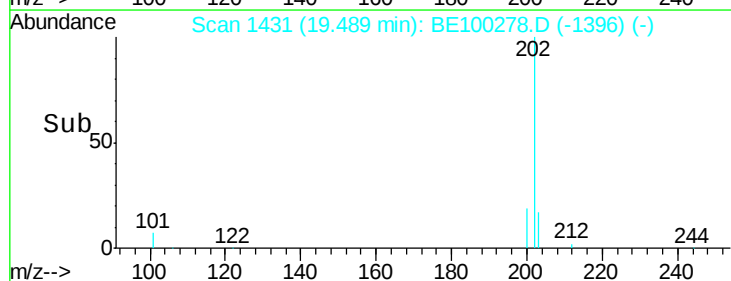
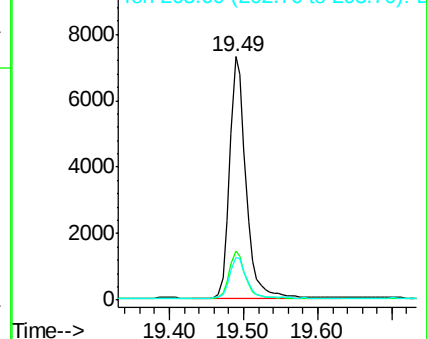
203 17.5 14.0 21.0

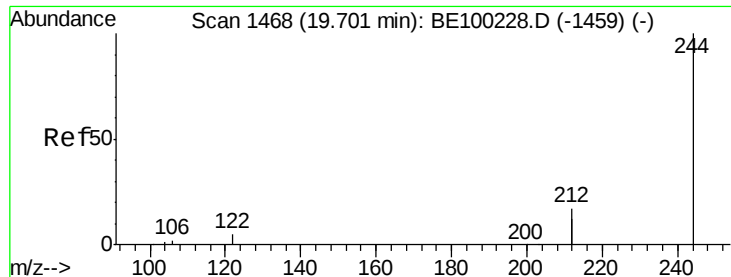


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.494 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

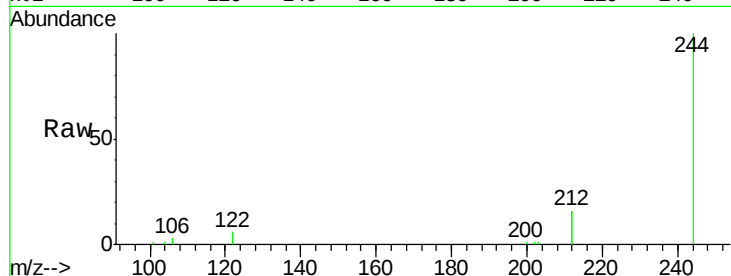
Tot Ion:244 Resp: 8725

Ion Ratio Lower Upper

244 100

212 31.8 27.3 40.9

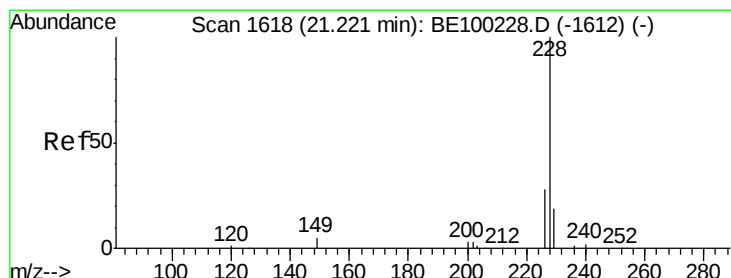
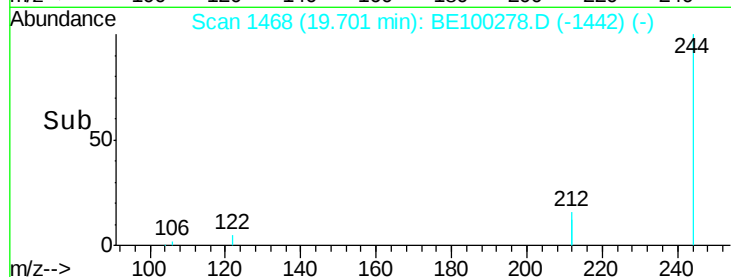
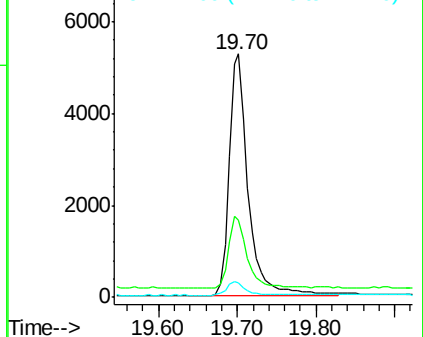
122 5.8 4.7 7.1



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: 0.438 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

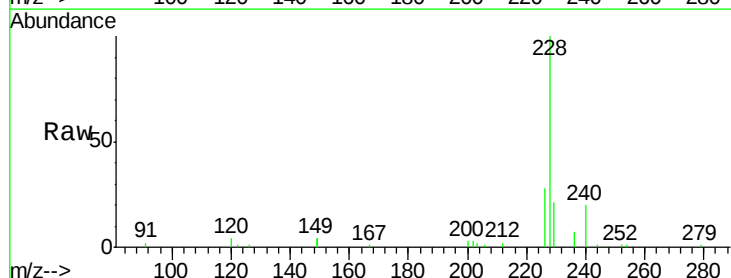
Tgt Ion:228 Resp: 12272

Ion Ratio Lower Upper

228 100

226 27.7 23.2 34.8

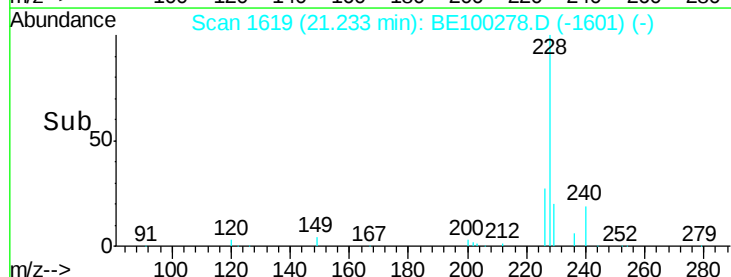
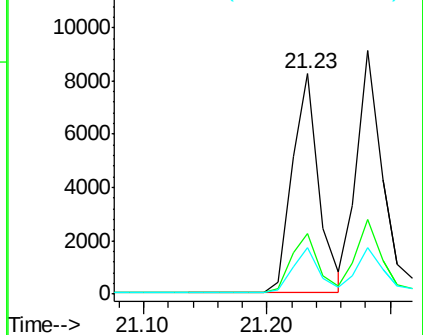
229 21.0 15.7 23.5

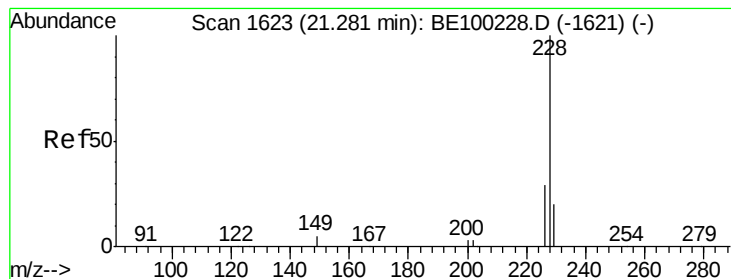


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.460 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

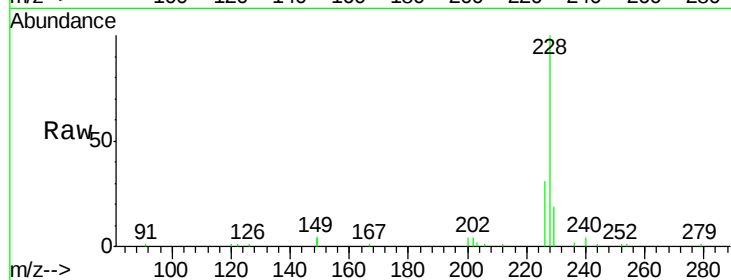
Tot Ion:228 Resp: 12946

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

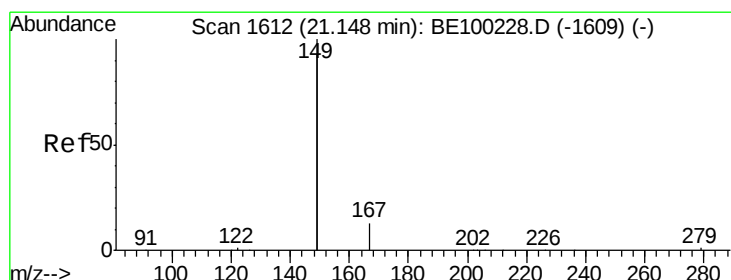
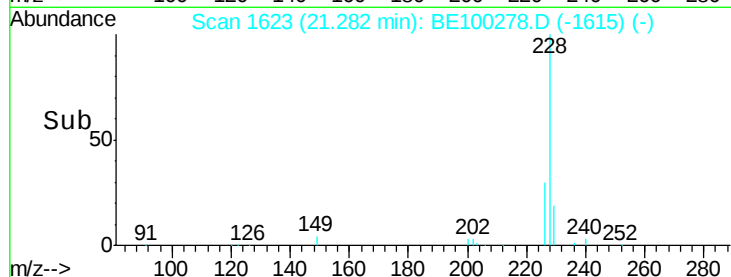
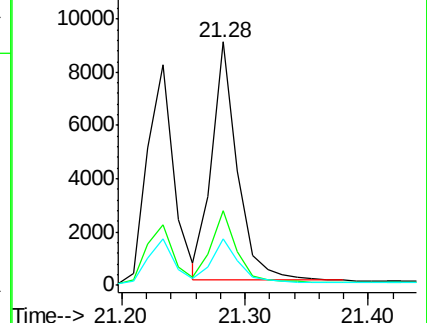
229 19.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.388 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

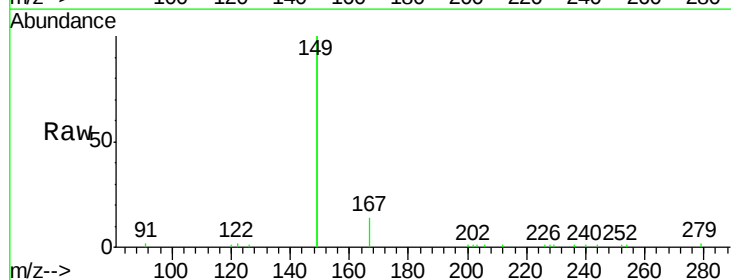
Tgt Ion:149 Resp: 17641

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.8

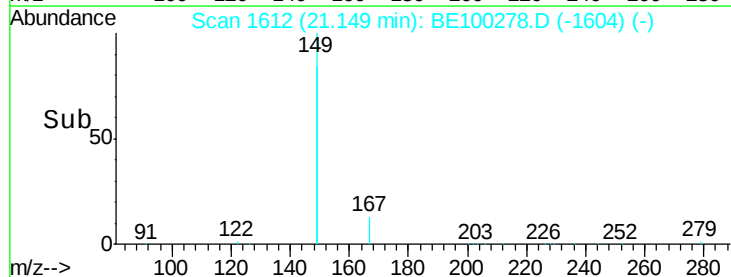
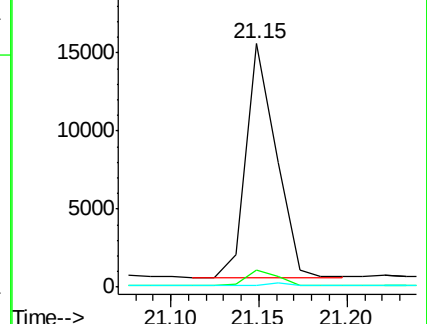
279 1.4 1.1 1.7



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: 0.406 ng

RT: 26.23 min Scan# 2858

Delta R.T. 0.02 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

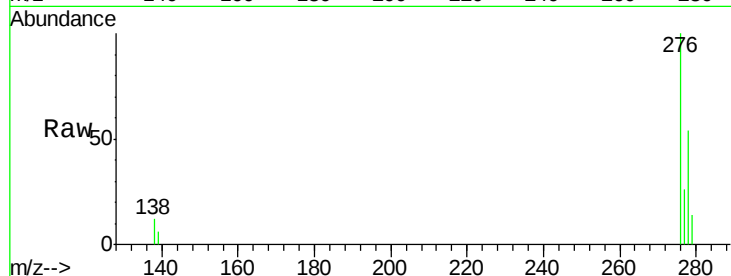
Tot Ion:276 Resp: 15094

Ion Ratio Lower Upper

276 100

138 11.1 9.4 14.0

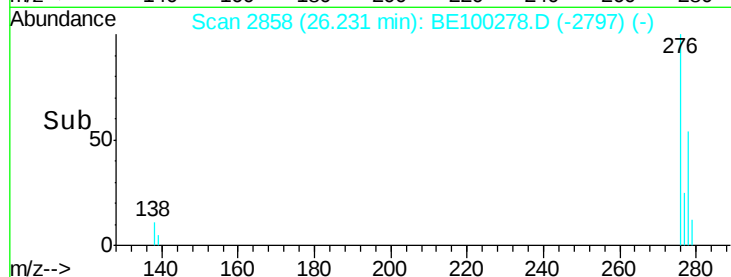
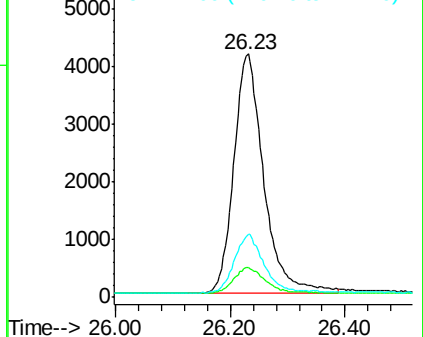
277 23.9 19.2 28.8



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# 2145

Delta R.T. 0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

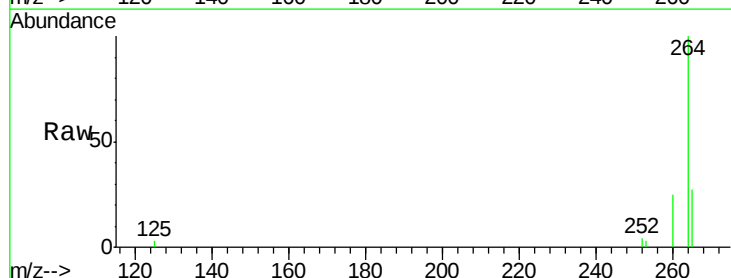
Tgt Ion:264 Resp: 9904

Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

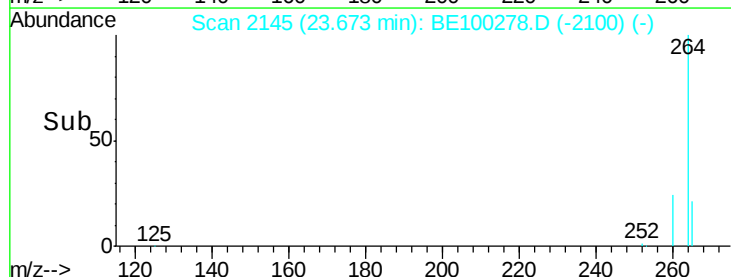
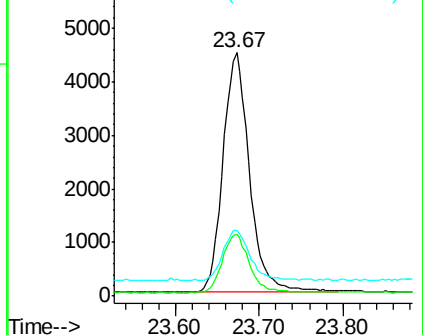
265 27.1 21.8 32.6

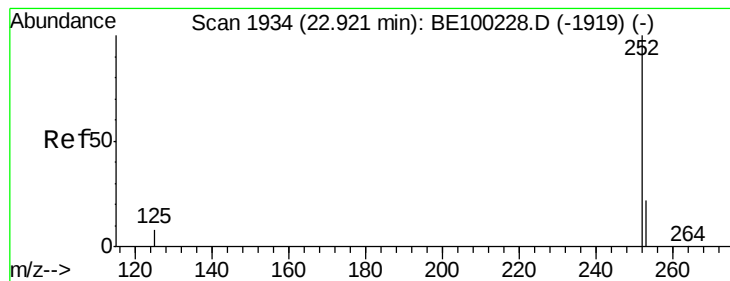


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.437 ng

RT: 22.92 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

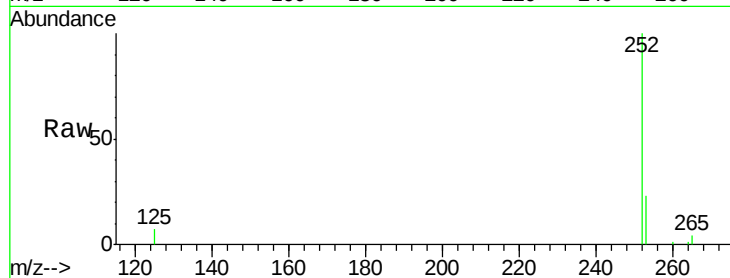
Tot Ion:252 Resp: 11730

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

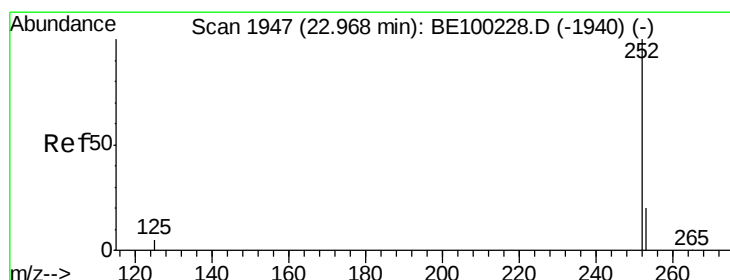
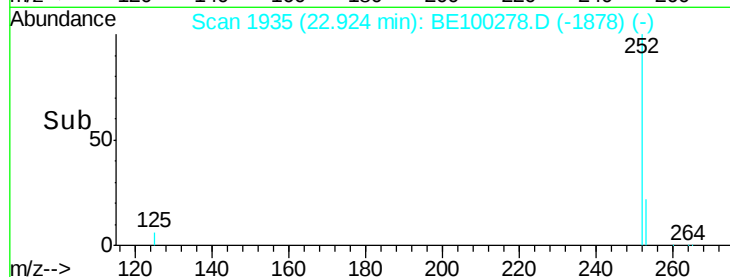
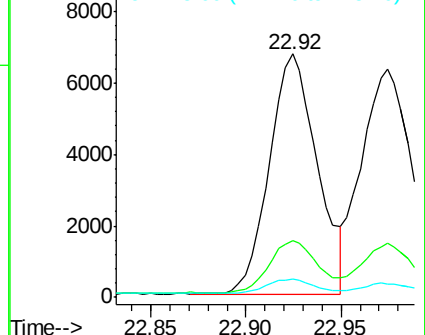
125 7.5 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.423 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

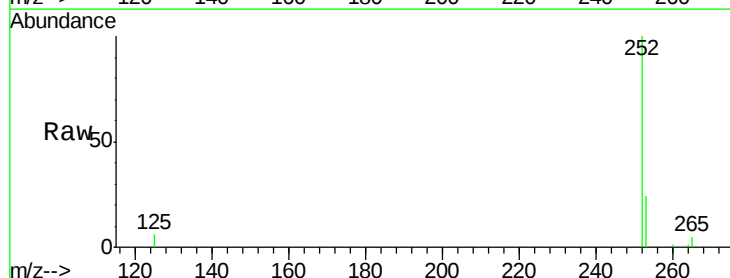
Tgt Ion:252 Resp: 12682

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

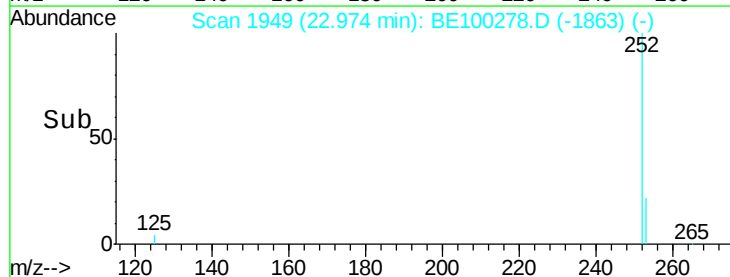
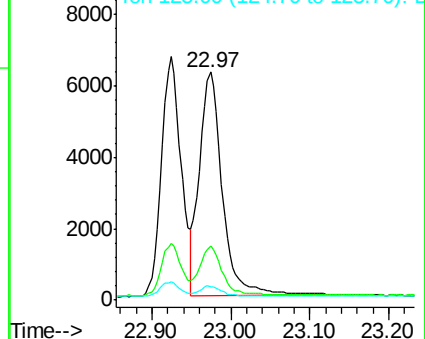
125 5.9 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

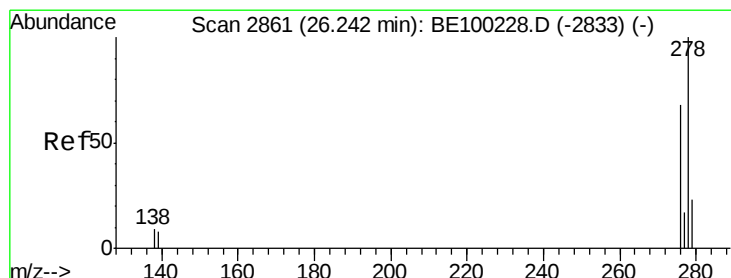
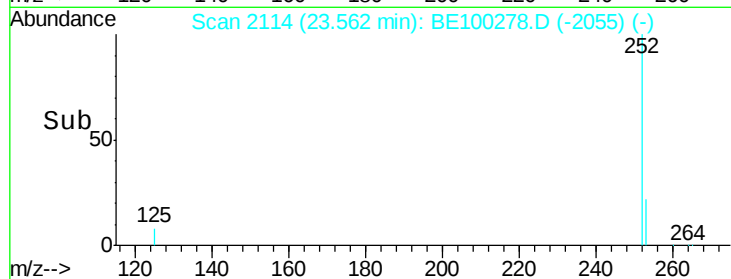
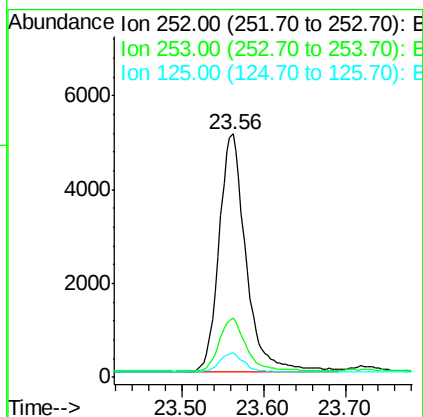
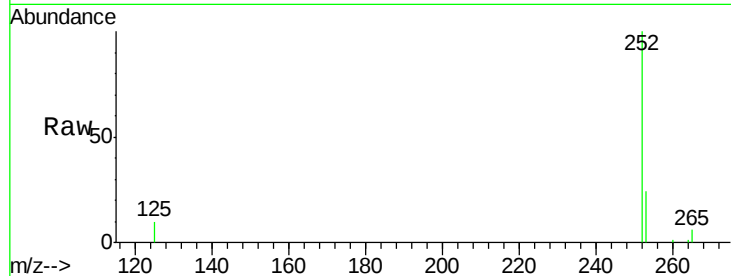




#37
Benzo(a)pyrene
Concen: 0.432 ng
RT: 23.56 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

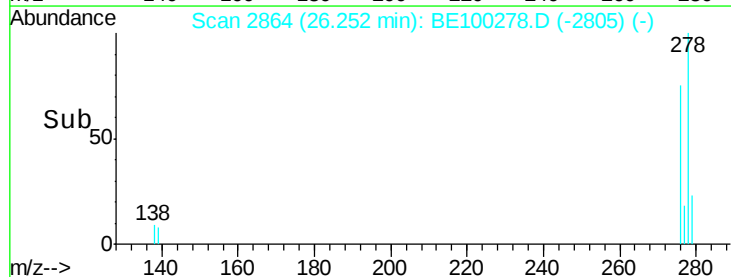
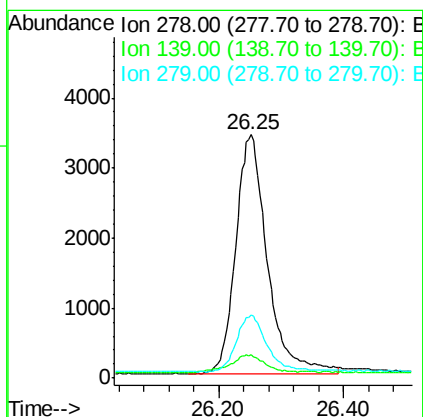
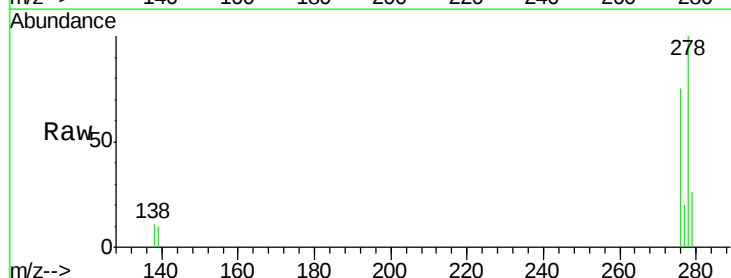
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 11623
Ion Ratio Lower Upper
252 100
253 24.5 19.6 29.4
125 10.0 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100278.D
Acq: 1 Jul 2019 23:56

Tgt Ion:278 Resp: 12035
Ion Ratio Lower Upper
278 100
139 9.7 8.2 12.2
279 25.9 20.3 30.5





#39

Benzo(a,h,i)perylene

Concen: 0.428 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100278.D

Acq: 1 Jul 2019 23:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

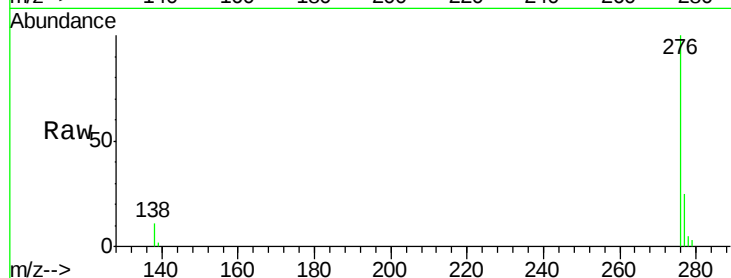
Tot Ion: 276 Resp: 12368

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 11.3 9.0 13.6



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

